# Monthly List
*of*
# Russian Accessions

Vol. 9, No. 9 December 1956

THE LIBRARY OF CONGRESS
WASHINGTON : 1957

# INTRODUCTORY NOTE

The MONTHLY LIST OF RUSSIAN ACCESSIONS is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions List.*

The MONTHLY LIST consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this LIST by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals with their tables of contents translated into English. However, accessions printed earlier than 1947 are not included.

Part C is a subject guide to both the monographs and periodical articles listed in Parts A and B. Monographs are listed under the appropriate subject headings first, followed by the periodical articles. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only. In citing periodical articles the following abbreviations are used for the months of the year:

| | | | | | |
|---|---|---|---|---|---|
| Ja | January | My | May | S | September |
| F | February | Je | June | O | October |
| Mr | March | Jl | July | N | November |
| Ap | April | Ag | August | D | December |

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8-12 S-O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September-October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8-12.

A list of periodicals included in the current issue, with abbreviations used, is given at the beginning of Part C in each issue of the LIST. The number and letter in parentheses following each periodical title indicate the class and subclass in which it is to be found in Part B. Cumulative lists of periodicals included in the current volume appear in numbers 6 and 12 of that volume. These lists are arranged by subject; the symbols of American libraries other than the Library of Congress, known to have current files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols * representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

A cumulative author, subject, and periodical location inc
MONTHLY LIST is available as a separate publication. I
index to the monographs, and a periodical location index fo
appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed ite
Library of Congress may be placed with the Photoduplication
ington 25, D. C.

The MONTHLY LIST OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Price of single copies varies; subscription price, $9.00 a year domestic, $11.00 a year foreign. Price of Cumulative Index to Volumes 1-8, $1.50.

* SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

| | |
|---|---|
| AU | University of Alabama, University |
| An-C-TU | Obsolete *see* CaOTU |
| CCP | Pomona College, Claremont, Calif. |
| CLCL | Los Angeles County Law Library |
| CLCM | Los Angeles County Museum, Los Angeles |
| CLSU | University of Southern California, Los Angeles |
| CLU | University of California at Los Angeles |
| CPT | California Institute of Technology, Pasadena |
| CSt | Stanford University, Palo Alto, Calif. |
| CSt-H | Hoover Institute and Library on War, Revolution and Peace, Palo Alto, Calif. |
| CStmoR | Rand Corporation, Santa Monica, Calif. |
| CU | University of California, Berkeley |
| CaOON | National Research Council, Ottawa |
| CaOOS | Dominion Bureau of Statistics, Ottawa |
| CaOTU | University of Toronto, Toronto, Canada |
| CtY | Yale University, New Haven, Conn. |
| DA | U. S. Department of Agriculture |
| DAFM | Armed Forces Medical Library, Washington, D. C. |
| DBS | U. S. Bureau of Standards |
| DDO | Dumbarton Oaks Research Library of Harvard University |
| DH | U. S. National Institutes of Health Library, Bethesda, Md. |
| DI | U. S. Department of the Interior Library |
| DI-GS | — Geological Survey Library |
| DN | U. S. Department of the Navy |
| DN-RL | Naval Research Laboratory, Washington, D. C. |
| DS | U. S. Department of State |
| DSG | Obsolete *see* DAFM |
| DSI | Smithsonian Institution |
| DWB | U. S. Weather Bureau, Washington, D. C. |
| FU | University of Florida, Gainesville |
| GAGT | Georgia Institute of Technology, Atlanta |
| ICJ | John Crerar Library, Chicago |
| ICMILC | Midwest Inter-Library Center, Chicago |
| ICN | Newberry Library, Chicago |
| ICU | University of Chicago |
| IEN | Northwestern University, Evanston, Ill. |
| IU | University of Illinois, Urbana |
| InAS | Iowa State College, Ames |
| InU | State University of Iowa, Iowa City |
| InLP | Purdue University, Lafayette |
| InNd | University of Notre Dame, Notre Dame, Ind. |
| InU | Indiana University, Bloomington |
| KU | University of Kansas, Lawrence |
| LU | Louisiana State University, Baton Rouge |
| MB | Boston Public Library |
| MBU | Boston University |
| MCM | Massachusetts Institute of Technology, Cambridge, Mass. |
| MH | Harvard University, Cambridge, Mass. |
| | — Farlow Reference Library |
| | — Law School |
| | — Peabody Museum |
| | — Physics Research Library |
| | Johns Hopkins University, Baltimore |
| | Bowdoin College, Brunswick |
| | Detroit Public Library |
| | Wayne University, Detroit |
| | Michigan State College, East Lansing |
| | University of Michigan, Ann Arbor |
| | — Law Library |
| | University of Minnesota, Minneapolis |
| | Linda Hall Library, Kansas City |
| | University of Missouri, Columbia |
| | New York State Library, Albany |
| | Brooklyn College, Brooklyn |
| N | Obsolete *see* NNUN |
| | Cornell University, Ithaca, N. Y. |
| NN | New York Public Library |
| NNC | Columbia University, New York |
| NNC-M | — Medical Library |
| NNC-T | — Teachers College |
| NNIS | Library for Intercultural Studies, New York |
| NNM | American Museum of Natural History, New York |
| NNR | Russell Sage Foundation College of the City of New York |
| NNU-W | New York University, Washington Square Library |
| NNUN | United Nations Library, New York |
| NRU | University of Rochester, Rochester |
| NSyU | Syracuse University |
| NcD | Duke University, Durham, N. C. |
| NcGW | Women's College of the University of North Carolina, Greensboro |
| NcRS | North Carolina State College of Agriculture and Engineering, Raleigh |
| NcU | University of North Carolina, Chapel Hill |
| Nh | New Hampshire State Library, Concord |
| NhD | Dartmouth College, Hanover, N. H. |
| NjI | Irvington Free Public Library, N. J. |
| NjP | Princeton University, Princeton, N. J. |
| OCH | Hebrew Union College, Cincinnati |
| OCU | University of Cincinnati, Cincinnati |
| OCl | Cleveland Public Library |
| OClW | Western Reserve University, Cleveland |
| OCoB | Battelle Memorial Institute Library, Columbus |
| OOxM | Miami University, Oxford |
| OSte | Carnegie Public Library, Steubenville |
| OU | Ohio State University, Columbus |
| OkU | University of Oklahoma, Norman |
| OrCS | Oregon State College, Corvallis |
| OrU | University of Oregon, Eugene |
| P | Pennsylvania State Library, Harrisburg |
| PBm | Bryn Mawr College, Bryn Mawr, Pa. |
| PHC | Haverford College, Haverford |
| PP | Free Library of Philadelphia |
| PPAN | Academy of Natural Sciences, Philadelphia |
| PPAmP | American Philosophical Society, Philadelphia |
| PPC | College of Physicians and Surgeons of Philadelphia |
| PPCP | Obsolete *see* PPC |
| PPDrop | Dropsie College for Hebrew and Cognate Learning, Philadelphia |
| PPPM | Philadelphia Museum of Art |
| PPT | Temple University, Philadelphia |
| PPWI | Wistar Institute of Anatomy and Biology, Philadelphia |
| PSC | Swarthmore College, Swarthmore |
| PSt | Pennsylvania State University, State College |
| PU | University of Pennsylvania, Philadelphia |
| PU-El | — Moore School of Electrical Engineering |
| PU-FA | — School of Fine Arts |
| PU-Math | — Mathematics Research Library |
| PU-Mu | — University Museum |
| PU-P | — Department of Physics |
| PU-Penn | — Penniman Library of Education |
| PU-Sc | — Towne Scientific School |
| RPB | Brown University, Providence, R. I. |
| TU | University of Tennessee, Knoxville |
| TxHR | Rice Institute Library, Houston |
| TxU | University of Texas, Austin |
| ViU | University of Virginia, Charlottesville |
| VtMiM | Middlebury College, Middlebury, Vt. |
| VtMidbC | Obsolete *see* VtMiM |
| WU | University of Wisconsin, Madison |
| WaU | University of Washington, Seattle |
| WvU | West Virginia University, Morgantown |

L. C. card, 48-46562

# MONTHLY LIST OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 9, NO. 9 DECEMBER 1956

## TABLE OF CONTENTS

**Part A—Monographic Works**


| | Page |
|---|---|
| 1. General and Reference Works | ..... |
| 2. Bibliography | 1745 |
| 3. Philosophy & Religion | 1745 |
| 4. History | 1745 |
| 5. Social Sciences | 1746 |
| 6. Political Science | 1747 |
| 7. Law | 1747 |
| 8. Education | 1747 |
| 9. Music, Theater & Motion Pictures | 1748 |
| 10. Fine Arts | 1748 |
| 11. Language, Literature & Folklore | 1748 |
| 12. Geography & Geology | 1751 |
| 13. Science | 1752 |
| 14. Medicine | 1753 |
| 15. Agriculture | 1753 |
| 16. Technology | 1755 |
| 17. Military & Naval Sciences | 1760 |


**Part B—Periodicals**


| | |
|---|---|
| 1. General | |
| *a.* Scholarly journals | 1761 |
| *b.* Popular magazines | 1765 |
| 2. Bibliography | |
| *a.* Bibliography | 1770 |
| *b.* Libraries & library science | 1770 |
| *c.* Printing & the book trade | 1771 |
| 3. Philosophy & Religion | |
| *a.* Philosophy | 1771 |
| *b.* Religion | 1771 |
| 4. History | |
| *a.* General | 1772 |
| *b.* Archeology & antiquities | 1774 |
| 5. Social Sciences | |
| *a.* Commerce | 1774 |
| *b.* Economics | 1774 |
| *c.* Finance | 1775 |
| *d.* Labor | 1775 |
| *e.* Sociology | 1776 |
| 6. Political Science | 1778 |
| 7. Law | 1782 |
| 8. Education | |
| *a.* General | 1783 |
| *b.* Physical education & games | 1786 |

| | Page |
|---|---|
| 9. Music, Theater & Motion Pictures | |
| *a.* Motion pictures | 1787 |
| *b.* Music | 1787 |
| *c.* Theater | 1787 |
| 10. Fine Arts | |
| *a.* General | 1788 |
| *b.* Architecture | 1788 |
| 11. Language, Literature & Folklore | |
| *a.* Language | 1789 |
| *b.* Literature & folklore | 1790 |
| 12. Geography & Geology | |
| *a.* Ethnology | 1795 |
| *b.* Geography | 1795 |
| *c.* Geology & paleontology | 1796 |
| 13. Science | |
| *a.* General | 1798 |
| *b.* Astronomy | 1801 |
| *c.* Biology | 1802 |
| *d.* Chemistry | 1807 |
| *e.* Mathematics | 1812 |
| *f.* Physics | 1813 |
| 14. Medicine | |
| *a.* General | 1814 |
| *b.* Gynecology, obstetrics & pediatrics | 1818 |
| *c.* Neurology & psychiatry | 1819 |
| *d.* Ophthalmology & otorhinolaryngology | 1819 |
| *e.* Pathology & therapeutics | 1819 |
| *f.* Pharmacy & materia medica | 1820 |
| *g.* Public health & nursing | 1821 |
| *h.* Surgery & dentistry | 1821 |
| *i.* Venereology & dermatology | 1822 |
| 15. Agriculture | |
| *a.* General | 1822 |
| *b.* Animal industry | 1827 |
| *c.* Forestry | 1830 |
| *d.* Plant culture | 1831 |
| 16. Technology | |
| *a.* General | 1833 |
| *b.* Aeronautics | 1836 |
| *c.* Chemical technology | 1837 |
| *d.* Civil & construction engineering | 1839 |
| *e.* Electrical engineering | 1842 |
| *f.* Industries & trades | 1844 |
| *g.* Mechanical engineering | 1846 |
| *h.* Mining & metallurgy | 1848 |
| 17. Military & Naval Sciences | |
| *a.* Military science | 1852 |
| *b.* Naval science | 1852 |
| **Part C—List of Periodicals and Abbreviations Used** | 1854 |
| **Subject Index to Monographs and Periodicals Listed in Parts A and B** | 1860 |

## 2. BIBLIOGRAPHY

ACADEMIA, Moscow. [Prospectus of books for 1956] Prospekt knig na 1956 god. Moskva, 1956. 53 p.

AKADEMIIA NAUK URSR, Kiev. Biblioteka. [Eighteen century books of the civilian press; catalog of books preserved in the State Public Library of the Ukraine] Knigi grazhdanskoi pechati XVIII veka; katalog knig, khraniashchikhsia v Gosudarstvennoi publichnoi biblioteke Ukrainskoi SSR. Sost. S. O. Petrov. Kiev, 1956. 300 p.

ALMA-ATA. GOSUDARSTVENNAIA PUBLICHNAIA BIBLIOTEKA KAZAKHSKOI SSR. [Kazakhstan; a bibliography for 1952] Kazakhstan; bibliografiia za 1952 god. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1953. 106 p.

BABAIAN, A. S. [The Armenian book; a brief historical sketch] Armianskaia kniga; kratkii istoricheskii ocherk. Erevan, Aigirk, 1956. 54 p.

BALANDIN, M. V. [Stitching and binding of books] Broshirovochno-perepletnoe proizvodstvo. Moskva, Gos. izd-vo "Iskusstvo," 1956. 322 p. (Uchebniki dlia remeslennykh uchilishch)

BELIANKIN, D. A. [Working with books] O rabote s knigoi. Moskva, Gos. izd-vo polit. lit-ry, 1956. 30 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Rules for descriptive cataloging; a reader's manual] Osnovnye pravila opisaniia proizvedenii pechati; pamiatka chitateliu. Leningrad, 1956. 30 p.

MNATSAKANIAN, GENRIK. [Armenian art and printing type] Armianskie khudozhestvennye i pechatnye shrifty. Erevan, Armianskoe gos. izd-vo, 1955. 70 p. [In Armenian.]

PEL'TINOVICH, N.G. [Ways of reducing costs in the publishing industry] Puti snizheniia sebestoimosti izdatel'skoi produktsii. Moskva, Gos. izd-vo "Iskusstvo," 1956. 95 p. (V pomoshch' redaktsionno-izdatel'skim rabotnikam)

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie knizhnoi torgovli. [Books on the printing industry] Knigi po poligrafii. Moskva, Gos. izd-vo "Iskusstvo," 1956. 15 p.

## 3. PHILOSOPHY & RELIGION

AKADEMIIA NAUK SSSR. Institut filosofii. [Natural sciences and religion; a collection of articles] Estestvoznanie i religiia; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1956. 286 p.

AKADEMIIA NAUK SSSR. Institut filosofii. [Problems in Marxist-Leninist aesthetics] Voprosy marksistsko-leninskoi estetiki. Moskva, Gos. izd-vo polit. lit-ry, 1956. 376 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut psikhologii. [Problems in the psychology of instruction and training in the schools] Voprosy psikhologii obucheniia i vospitaniia v shkole. Pod red. Z.I.Kalmykovoi. Moskva, 1956. 96 p. (Pedagogicheskie chteniia)

BEISEMBIEV, KASYM. [The philosophical views of Abai Kunanbaev] Mirovozzrenie Abaia Kunanbaeva. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 170 p.

[IN MEMORY OF KYR IOSAFAT KOTSYLOVS'KYI, BISHOP OF PRZEMYSL; recollections] Pamiati peremys'koho vladyky Kyr Iosafata Kotsylovs'koho; spomyn. Miunkhen, Vyd-vo "Khrystyians'kyi Holos," 1956. 47 p.

KANEVSKII, L.O. [Medicine and religion] Meditsina i religiia. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 37)

OIZERMAN, T.I. [Hegel's philosophy] Filosofiia Gegelia. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 32)

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. [Orthodox Church calendar for 1956] Pravoslavnyi tserkovnyi kalendar' na 1956 god. [n. p.] Izd. Moskovskoi Patriarkhii [n. d.] 71 p.

ZIL'BERBERG, L. IA. [Using motion pictures in scientific atheistic propaganda] Ispol'zovanie kino v nauchno-ateisticheskoi propagande. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 69 p.

## 4. HISTORY

AKADEMIIA NAUK SSSR. Kazanskii filial. Institut iazyka, literatury i istorii. [Tatarstan in the days of the first Russian revolution] Tatarstan v dni pervoi russkoi revoliutsii. Kazan', Tatknigoizdat, 1955. 89 p.

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. [Outline history of the Komi A.S.S.R.] Ocherki po istorii Komi ASSR. [Syktyvkar] Komi kn-vo.
Vol. 1. 1956. 350 p.

ALEKSISHVILI, M. M. [Problems in the history of Russo-Georgian relations] K voprosu o russko-gruzinskikh istoricheskikh vzaimootnosheniiakh. Tbilisi, Izd-vo Nauchno-istoricheskogo kabineta Ministerstva prosveshcheniia Gruzinskoi SSR, 1956. 203 p. [In Georgian.]

ANDREEV, A. A. [About Vladimir Il'ich Lenin] O Vladimire Il'iche Lenine. Moskva, Gos. izd-vo polit. lit-ry, 1956. 54 p.

CHERTOV, L.G. [Leningrad as one of the great economic and cultural centers of the U.S.S.R.] Leningrad kak odin iz krupneishikh ekonomicheskikh i kul'turnykh tsentrov SSSR. Leningrad, 1956. 41 p. (Vses. ob-vo po rasprostraneniiu polit. i nauchn. znanii, Leningradskoe otd-nie)
DS

DOBRIANS'KYI, MYKHAILO. [The Association against the Institute; what is the meaning of the attack of the Association of Independent Soviet Studies against Ukrainians cooperating with the Institute for the study of the U.S.S.R.] Asotsiiatsiia proty Instytutu; shcho oznachaie vystup Asotsiiatsii nezalezhnykh sovietoznavtsiv proty ukrains'koi spivpratsi z Instytutom dlia vyvchennia SSSR. V dodatku vidpovid' ukrains'koi hrupy v Instytuti kerivnykam Asotsiiatsii. Miunkhen, Nakladom "Sobornoi Ukrainy," 1956. 42 p.

EFIMOV, A. V., ed. [Methods manual for modern history (1642-1870); for class 8 of the secondary school] Metodicheskoe posobie po novoi istorii (1642-1870); dlia VIII klassa srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 362 p.

ESAIASHVILI, V. G. [V. I. Lenin on Georgia] V. I. Lenin o Gruzii. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 194 p. [In Georgian.]

HIRNIAK, NYKYFOR. [Colonel Vasyl' Vyshyvanyi] Polk. Vasyl' Vyshyvanyi. Winnipeg, Vydav khor. USS Dm. Mykytiuk, 1956. 70 p.

HIRNIAK, NYKYFOR. [Organization and spiritual development of the Ukrainian Legion] Orgoniznatsiia i dukhovyi rist ukrains'kykh sichovykh strilt'siv. Fyladelfiia, Nakladom vyd-va "Amoryka," 1955. 83 p.

IAROSLAVYN, SYDIR. [The fight for the liberation of western Ukrainian lands during 1918-1923] Vyzvol'na borot'ba na Zakhid'no-Ukraina'kykh Zemliakh u 1918-1923 rokakh. Fyladelfiia, Nakladom hurtka prykhyl'nykiv, 1956. 102 p.

IRKUTSK. GOSUDARSTVENNYI ARKHIV. [The revolutionary movement in Irkutsk Government during the first Russian revolution; a collection of documentary materials] Revoliutsionnoe dvizhenie v Irkutskoi gubernii v period pervoi russkoi revoliutsii; sbornik dokumental'nykh materialov. Pod red. F. A. Kudriavtseva. [Irkutsk] Irkutskoe kn-vo, 1955. 154 p.

KULIEV, KLYCH. [The struggle of the Communist Party for the consolidation of Soviet power and the realization of a national policy in Central Asia (1917-1925)] Bor'ba Kommunisticheskoi partii za uprochenie sovetskoi vlasti i osushchestvlenie natsional'noi politiki v Srednei Azii (1917-1925 gg.). Ashkhabad, Turkmenskoe gos. izd-vo, 1956. 118 p.

KYZYL. TUVINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY I ISTORII. [The history of foreign military intervention and civil war in Tuva (1918-1921)] K istorii inostrannoi voennoi interventsii i grazhdanskoi voiny v Tuve (1918-1921). Kyzyl, Tuvinskoe kn-vo, 1956. 119 p.

MEDVEDEVA, I. N. [Taurida; historical sketches and stories] Tavrida; istoricheskie ocherki i rasskazy. [Leningrad] Lenizdat, 1956. 441 p.

MIKAELIAN, G.G. [History of the Armenian state of Cilicia] Istoriia kilikiiskogo armianskogo gosudarstva. Erevan, Izd-vo AN Armianskoi SSR, 1952. 534 p. (NN)

[ON LENIN; recollections, stories, essays] O Lenine; vospominaniia, rasskazy, ocherki. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 446 p.

ORBELI, R. R. [Georgian manuscripts of the Institute for Oriental studies] Gruzinskie rukopisi Instituta vostokovedeniia. Moskva, Izd-vo Akademii nauk SSSR.
No. 1. [History, geography, travel, archaeology, law, philosophy, linguistics, bibliography] Istoriia, geografiia, puteshestviia, arkheologiia, zakonodatel'stvo, filosofiia, iazykoznanie, bibliografiia. 1956. 192 p., illus.

PETLURA, SYMON. [Articles, correspondence, documents] Statti, lysty, dokumenty. N'iu Iork, Vydano Ukrains'koiu vil'noiu akademiieiu nauk u SShA, 1956. 479 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Assignments for students taking correspondence courses in secondary schools; history of the Middle Ages, classes 6 and 7] Zadaniia dlia uchashchikhsia zaochnoi srednei shkoly; istoriia srednikh vekov, VI-VII klassy. Izd. 7-oe. Sost. IU.A. Bar. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 63 p.

RYBAKOV, B.A. [The culture of old Rus'] Kul'tura drevnei Rusi. Moskva, Izd-vo "Znanie," 1956. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 21)

SOROKIN, A. I. [The Russo-Japanese War of 1904-1905; a historical sketch of the military operations] Russko-iaponskaia voina 1904-1905 gg.; voenno-istoricheskii ocherk. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 372 p.

STASOVA, E. D. [Teacher and friend; an address in honor of V. I. Lenin] Uchitel' i drug; stenogramma vystupleniia na vechere, posviashchennom pamiati V. I. Lenina. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 23)

VASIL'EV, V. F. [Modern Burma] Sovremennaia Birma. Moskva, Gos. izd-vo polit. lit-ry, 1956. 87 p.

VENDRIKH, G. A. [Events along the Lena in 1912] Lenskie sobytiia 1912 g. [Irkutsk] Irkutskoe kn-vo, 1956. 35 p. (Pamiatniki revoliutsii)

VISHNEVSKII, VSEVOLOD. [Collected works; in five volumes] Sobranie sochinenii; v piati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 3. [Diary of the war years, 1941-1942] Dnevniki voennykh let, 1941-1942. 1956. 708 p.

VOROB'EV-DESIATOVSKII, V. S., and others. [Outline history of the ancient East] Ocherki istorii drevnego Vostoka. Pod red. V. V. Struve. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 376 p.

## 5. SOCIAL SCIENCES

AKADEMIIA NAUK SSSR. Institut istorii. [Political and industrial gains of the working class of the Soviet Union (1928-1929); a collection of documents] Politicheskii i trudovoi pod"em rabochego klassa SSSR (1928-1929 gg.); [sbornik dokumentov. Pod red. D. A. Baevskogo.] Moskva, Gos. izd-vo polit. lit-ry, 1956. 911 p.

ALEKSEEV, A. M. [The principal economic problem of the U.S.S.R. and ways of solving it] Osnovnaia ekonomicheskaia zadacha SSSR i puti ee resheniia. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 35)

ARNAUTOV, L. IA., and A. P. KOZLOV. [Socialist industrialization in the basis of Lenin's plan for the building of socialism and communism] Sotsialisticheskaia industrializatsiia - osnovnoe zveno leninskogo plana postroeniia sotsializma i kommunizma. Moskva, Izd-vo "Znanie," 1956. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 35)

ATSARKIN, A. N. [Stolypin reaction. V. I. Lenin's struggle for the theoretical foundations of the Marxist party; a lecture] Stolypinskaia reaktsiia. Bor'ba V. I. Lenina za teoreticheskie osnovy marksistskoi partii; lektsiia. [Moskva] Izd-vo Moskovskogo univ., 1956. 33 p.

BALMASHNOV, A. A. [World Federation of Trade Unions in the struggle for the workers' unity of action] Vsemirnaia federatsiia profsoiuzov v bor'be za edinstvo deistvii trudiashchikhsia. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 100 p.

BARANSKII, N. N. [Economic geography. Economic cartography] Ekonomicheskaia geografiia. Ekonomicheskaia kartografiia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 300 p.

BUDNITSKII, I. M. [Working capital in the coal industry] Oborotnye sredstva ugol'noi promyshlennosti. Moskva, Ugletekhizdat, 1956. 58 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

DRACHEV, M. S. [American monopolies in quest for superprofits] Amerikanskie monopolii v pogone za sverkhpribyliami. [Moskva] Izd-vo Moskovskogo univ., 1956. 206 p.

DYMSHITS, V. E. [Ways of reducing construction costs] Puti snizheniia stoimosti stroitel'stva. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6. Ekonomika promyshlennosti, vyp. 1, no. 6)

GALKIN, A. A., and O. M. NAKROPIN. [The German Federal Republic; economic and political situation] Federativnaia Respublika Germanii; ekonomicheskoe i politicheskoe polozhenie. Moskva, Gos. izd-vo polit. lit-ry, 1956. 81 p.

GLEIKOV, A. M. [Calculation tables; a builder's manual] Raschetnye tablitsy; v pomoshch' stroiteliam. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 300 p.

GLINK, E., comp. Eight years in Soviet camp, 1934-1942. [n. p.] 1955. 47 l. [In Russian.]

GREBNEV, L. V. [Transition of Tuvinian nomads to a settled way of life] Perekhod tuvinskikh aratov-kochevnikov na osedlost'. Red. A. A. Kozlenko. Kyzyl, Tuvinskoe kn-vo, 1955. 99 p.

GUROVICH, S. G. [State planning of industrial production] Gosudarstvennoe planirovanie promyshlennogo proizvodstva. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 34)

INOZEMTSEV, G. A. [The beginning of the workers' movement in the Don region] U istokov rabochego dvizheniia na Donu. Rostov-na-Donu, Rostovskoe kn-vo, 1956. 54 p.

KAINOVA, M. A., and Z. I. KRASNOVA. [Holiday of youth] Prazdnik molodosti. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 44 p. (Biblioteka komsomol'skogo aktivista)

KALMYCHIN, I. F., and B. P. TSAREV. [Records, estimates and accounts in economically consolidated railroads] Uchet, kal'kuliatsiia i otchetnost' v khozraschetnykh ob"edinennykh zheleznykh dorogakh. Moskva, Gos. transp. zhel.-dor. izd-vo, 1956. 191 p.

KONOVALOV, A. V., and P. G. KALININ. [Experience in organizing a business accounting system in a factory] Opyt organizatsii khozraschetnogo rascheta na zavode. Pod obshchei red. S. K. Tatura. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6. Ekonomika promyshlennosti, vyp. 1, no. 5)

KOZLOV, T. I., and others. [Course in the general statistical theory] Kurs obshchei teorii statistiki. [Moskva] Izd-vo Moskovskogo univ., 1956. 346 p.

KUZNETSOVA, A. S. [Organization of wages in Soviet industrial enterprises] Organizatsiia zarabotnoi platy rabochikh na promyshlennykh predpriiatiiakh SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p. (V pomoshch' ekonomicheskomu obrazovaniiu)

LEVIN, L. A., and R. M. RAVITSKAIA. [Publication of the classics of Marxism-Leninism in the U.S.S.R.] Izdanie trudov klassikov marksizma-leninizma v SSSR. Moskva, Goskul'tprosvetizdat, 1955. 116 p. (Bibliografiia obshchestvenno-politicheskoi literatury, 11 (MII)

LIASHCHENKO, P. I. [History of the national economy of the U.S.S.R.] Istoriia narodnogo khoziaistva SSSR. Izd. 4-oe. Moskva, Gospolitizdat.
Vol. 2. 1956.
(MII)

LUNEV, V. E. [Financing capital construction] Finansirovanie kapital'nogo stroitel'stva. Moskva, Ugletekhizdat, 1956. 106 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

MARYSHI, I. V. [The economic foundation of the U.S.S.R.] Ekonomicheskaia osnova SSSR. [Moskva] Moskovskii rabochii, 1956. 99 p.

MECHKOVSKII, G. I. [A rise in labor productivity is a requisite for the fulfillment of the sixth five-year plan] Pod"em proizvoditel'nosti truda - reshaiushchee uslovie vypolneniia plana shestoi piatiletki. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 31)

MEL'NIKOV, D. E. [The sixth five-year plan is a five-year plan of peace] Shestaia piatiletka - piatiletka mira. Moskva, Gos. izd-vo polit. lit-ry, 1956. 55 p.

MIKHAILOV, M. I. [The Union of Communists was the first international organization of the laboring class] Soiuz Kommunistov - pervaia mezhdunarodnaia organizatsiia rabochego klassa. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 23)

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [The European people's democracies on the road to socialism; a bibliography] Evropeiskie strany narodnoi demokratii na puti k sotsializmu; rekomendatel'nyi ukazatel' literatury. Moskva, 1956. 110 p.

[GOR'KII. A collection] Sbornik [illegible]. Moskva, Izd-vo Ministerstva [illegible] SSSR, 1956. 276 p.

[KRUZHOK ZOMOLENTSA (pseud.)] [The way of a revolutionary, the life and [illegible] Vol'nogo Zomolentsa; [illegible] Tatarova, zhizn' i deiatel'nost' [illegible] Ilikapdo Pomorka. [Kobe, Japan] [illegible] Kvalifikatsiia [Kobe] 1956. 2 v. [In Russian]
(MII)

PETROV, P. N. [Organization of [illegible] industrial enterprises] Organizatsiia i sotsialisticheskoe sorevnovanie na promyshlennom predpriiatii. Moskva, Izd-vo "Znanie," 1956. 34 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6. Ekonomika promyshlennosti, vyp. 1, no. 7)

POLIANSKII, F. IA. [The economic situation [illegible] in Russia during the 1930's and 1940's] [illegible] v Rossii v 30-40-kh godakh XIX v. Izd-vo Akademii nauk SSSR, 1956. 454 p.

PONOMAREV, B. F. [Study on the political economy of feudalism] Uchebnyi politicheskoi ekonomii feodalizma. Moskva, Gos. izd-vo polit. lit-ry, 1956. 300 p.

PRUTCHIKOV, S. A. [Organizational and technological guide to an enterprise, the experience of the I. A. Likhachev Automobile Plant in Moscow] Organizatsionno-tekhnicheskii plan predpriiatiia (opyt Moskovskogo ordena Lenina avtozavoda imeni I. A. Likhacheva). Moskva, Gos. izd-vo polit. lit-ry, 1956. 91 p. (V pomoshch' khozraschetnoi sisteme)

RUSSIA (1923- U.S.S.R.) [Collection of legislative materials] Sbornik zakonodatel'nykh materialov. [Questions and [illegible] Soviet railroads, v. 1] Voprosy i reshenii na zheleznykh dorogakh SSSR. Moskva, Gos. transp. zhel.-dor. izd-vo, 1956. 79 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. Tsentral'naia laboratoriia. [Plan for long-range [illegible] of the principal activities of railroads] [illegible] po perspektivam na railroads to cooperation] [illegible] Tsentral'noi laboratorii [illegible] Moskva, Gos. transp. zhel.-dor. izd-vo, 1956. 124 p.

RUSSIA (1923- U.S.S.R.) Tsentral'noe statisticheskoe upravlenie. [Statistical [illegible] Soviet railroads] Statisticheskie [illegible] zheleznykh dorog. [Moskva] Gosstatizdat, 1956. 44 p.

SERGEEV, M. E., and others. eds. [Industrial [illegible] a commercial guide] Tovarovedenie promyshlennykh tovarov. Moskva, Gostorgizdat, 1956. [illegible] p.
(MAJH)

SHCHENKOV, S. A. [Organization of economic and [illegible] in industrial enterprises] Organizatsiia [illegible] chetnoi na promyshlennom predpriiatii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 79 p. (V pomoshch' ekonomicheskomu obrazovaniiu)

SHVARTS, I. V. [Execution of payment and credit operations] Obrashchenie raschetnykh i kreditnykh operatsii. Moskva, Gosfinizdat, 1956. 143 p.

[THE SITUATION AND STRUGGLE OF THE WORKERS IN CAPITALIST COUNTRIES] Polozhenie i bor'ba trudiashchikhsia v stranakh kapitala. Moskva, Gos. izd-vo polit. lit-ry, 1956. 253 p. (V pomoshch' ekonomicheskim politicheskim obrazovaniiu)

SMULEVICH, B. IA. [Population statistics, present tendencies in the series "Status of the health of the population and methods of studying it"] Statistika naseleniia, sovremennye tendentsii v tsikle "Sostoianie zdorov'ia naseleniia i metody ego izucheniia." Pod obshchei red. S. IA. Antonova i N. A. Vinogradova. Moskva, Gos. izd-vo med. lit-ry, 1956. 68 p. (Lektsii po organizatsii zdravookhraneniia dlia studentov vechernikh institutov)

SPIRIDONOVA, N. S. [The production of goods, the law of value and money in socialism] Tovarnoe proizvodstvo, zakon stoimosti i ego rol' pri sotsializme. [Moskva] Moskovskii rabochii, 1956. 99 p.

STROGOV, N. I. [Work practices of specialty stores in foreign countries] Iz opyta raboty spetsializirovannykh magazinov. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 56 p.

SUPONITSKII, S. A. [Heavy industry is the foundation of the national economy of the U. S. S. R. ] Tiazhelaia promyshlennost' - osnova razvitiia narodnogo khoziaistva SSSR. Moskva, Gos. izd-vo kul'turno-prosvetitel'nol lit-ry, 1955. 34 p. (Bibliotechka v pomoshch' lektoru, no. 20)

SUSHCHENKO, V. V. [Anglo-American conflicts of interest in Canada after the Second World War] Anglo-amerikanskie protivorechiia v Kanade posle Vtoroi Mirovoi voiny. Moskva, Gos. izd-vo polit. lit-ry, 1956. 182 p.

USHAKOV, V. I. [The financing of commercial organizations] Kreditovanie torgovykh organizatsii. Moskva, Gosfinizdat, 1956. 62 p.

VISHNEVSKII, A. A. [Capital assets of communication industries and their use] Osnovnye fondy sviazi i ikh ispol'zovanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 43 p. (Lektsii po ekonomike sviazi)

VLADIMIROV, V. A. [Automobile traffic regulations] Pravila dvizhenila avtotransporta. Izd. 2-oe, dop. i ispr. Moskva, Izd-vo DOSAAF, 1956. 171 p.

ZARODOV, K. I. [Lenin's theory of the development of the bourgeois-democratic revolution into the socialist revolution] Leninskaia teoriia pererastaniia burzhuazno-demokraticheskoi revoliutsii v revoliutsiiu sotsialisticheskuiu. Moskva, Izd-vo "Znanie," 1956. 55 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. I, nos. 24/25)

## 6. POLITICAL SCIENCE

AZOVKIN, I. A. [The cultural and educational work of regional soviets of workers' deputies] Kul'turno-vospitatel'naia rabota raionnogo Soveta deputatov trudiashchikhsia. Moskva, Gosturizdat, 1956. 205 p. DS

DUBININ, G.M. [The work of a deputy] Opyt raboty deputata. Moskva, Gos. izd-vo turid. lit-ry, 1956. 60 p.

GRIGOR'EV, L., and S. OLENEV. [The struggle of the U. S. S. R. for peace and security in Europe; 1925-1933] Bor'ba SSSR za mir i bezopasnost' v Evrope; 1925-1933 gg. Moskva, Gos. izd-vo polit. lit-ry, 1956. 158 p.

KARPETS, I. I. [The work of local soviets in strengthening the social order; the work practice of the Leningrad city soviet of workers' deputies] Deiatel'nost' mestnykh sovetov po ukrepleniiu obshchestvennogo poriadka; iz opyta raboty Leningradskogo gorodskogo Soveta deputatov trudiashchikhsia. Moskva, Gos. izd-vo turid. lit-ry, 1956. 42 p.

KOLESNIKOV, A. K. [Thirteenth Congress of the Russian Communist Party] Trinadtsatyi s"ezd RKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1956. 86 p. (S"ezdy i konferentsii KPSS)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. 20.s"ezd, Moscow, 1956. [The 20th Congress of the Communist Party of the Soviet Union; a bibliography] XX s"ezd,...; v pomoshch' izuchaiuzhchim materialy s"ezda. Leningrad, Gos. publichnaia biblioteka, 1956. 41 p.

[KOREA IS ONE] Koreia odina. [Pkhen'ian] Ministerstvo kul'tury i propagandy KNDR, 1955. 67 p.

LEONT'EV, B. L. [The foreign policy of the Soviet government is a policy of peace] Vneshniaia politika Sovetskogo gosudarstva - politika mira. Izd. 2-oe, perer. Moskva, Gos. izd-vo polit. lit-ry, 1956. 63 p. (Populiarnaia bibliotechka po marksizmu-leninizmu)

OLESHCHUK, F. N. [Is war inevitable?] Neizbezhna li voina. Moskva, Gos. izd-vo polit. lit-ry, 1956. 63 p.

ORDZHONIKIDZE, G.K. [Articles and speeches; in two volumes] Stat'i i rechi; v dvukh tomakh. Moskva, Gos. izd-vo polit. lit-ry,
Vol. 1. (1910-1926 gg.). 1956. 516 p.

RUSSIA (1923- U. S. S. R.) Treaties, etc. [Collection of active treaties, agreements, and conventions concluded by the U. S. S. R. with foreign countries] Sbornik deistvuiushchikh dogovorov, soglashenii i konventsii, zakliuchennykh SSSR s inostrannymi gosudarstvami. Moskva, Gos. izd-vo polit. lit-ry,
No. 12. [Active treaties, agreements, and conventions which became effective between September 3, 1945 and December 31, 1946] Deistvuiushchie dogovory, soglasheniia i konventsii, vstupivshie v siiu mezhdu 3 sentiabria 1945 goda i 31 dekabria 1946 goda. 1956. 198 p.

SAVENKOV, N.T. [Principal activities of local soviet deputies] Osnovnye formy deiatl'nosti deputata mestnogo soveta. Moskva, Gos. izd-vo turid. lit-ry, 1956. 87 p.

TATARSKAIA, N. N. [A study group in current politics] Kruzhok tekushchei politiki. Moskva, Gos. izd-vo polit. lit-ry, 1956. 39 p. (Iz opyta raboty partiinykh organizatsii)

TITARENKO, S.L. [Why we are internationalists] Pochemu my internatsionalisty. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 45 p.

TRAININ, A.N. [Safeguarding peace and fighting crimes against humanity] Zashchita mira i bor'ba s prestupleniiami protiv chelovechestva. Moskva, Izd-vo Akademii nauk SSSR, 1956. 398 p.

TSIL'SHTEIN, A. L. [Remarks on party work in the schools] Zametki o partiinoi rabote v shkole. Moskva, Gos. izd-vo polit. lit-ry, 1955. 61 p. (Iz opyta raboty partiinykh organizatsii)

## 7. LAW

ADZHAR A. S. S. R. Constitution. [Constitution (fundamental law) of the Adzhar Autonomous Soviet Socialist Republic; with amendments adopted by the Supreme Soviet of the Adzhar A. S. S. R. from 1954 to April 13, 1955] Konstitutsiia (osnovnoi zakon) Adzharskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniiami i dopolneniiami, priniatymi Verkhovnym Sovetom Adzharskoi ASSR s 1954 g. po 13 aprelia 1955 g. Batumi, Gosizdat, Adzharskoi ASSR, 1955. 22 p.

BAKHOV, A. S., ed. [Manual of international law for the Navy] Voenno-morskoi mezhdunarodno-pravovoi spravochnik. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 350 p.

BARYSHEV, M. I. [Legal control of capital construction at machine-tractor stations and on state farms and collective farms] Pravovoe regulirovanie kapital'nogo stroitel'stva v MTS, sovkhozakh i kolkhozakh. Moskva, Gos. izd-vo turid. lit-ry, 1956. 102 p.

MIN'KOVSKII, G. M. [The limits of evidence in Soviet criminal procedure] Predely dokazyvaniia v sovetskom ugolovnom protsesse. Moskva, Gos. izd-vo turid. lit-ry, 1956. 114 p.

PADOKH, IAROSLAV. [The history of Ukrainian criminal law] Narys istorii ukrains koho karnoho prava. Peredmova Lev Okinshevych. Miunkhen, Vyd-vo "Molode zhyttia," 1951. 128 p. (Naukove tovarystvo im. Shevchenka. Bibliioteka ukrainoznavstva, pt. I)

POLIANSKII, N. N. [Problems in the theory of Soviet criminal procedure] Voprosy teorii sovetskogo ugolovnogo protsessa. [Moskva] Izd-vo Moskovskogo univ., 1956. 271 p.

RUSSIA (1917- R. S. F. S. R.) Laws, statutes, etc. [Code of criminal procedure of the R. S. F. S. R. Official text with amendments as of February 1, 1956, and with a supplement of materials classified by paragraphs] Ugolovno-protsessual'nyi kodeks RSFSR. Ofitsial'nyi tekst s izmeneniiami na 1 fevralia 1956 g. i s prilozheniem postatejno-sistematizirovannykh materialov. Moskva, Gos. izd-vo turid. lit-ry, 1956. 254 p.

RUSSIA (1923- U. S. S. R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics. Constitutions (fundamental laws) of the Union Republics] Konstitutsiia (osnovnoi zakon) SSSR. Konstitutsii (osnovnye zakony) Soiuznykh Sovetskikh Sotsialisticheskikh Respublik. Moskva, Gos. izd-vo turid. lit-ry, 1956. 400 p.

UZBEK S.S.R. Laws, statutes, etc. [Code of laws on marriage, the family, and guardianship of the Uzbek Soviet Socialist Republic] Kodeks zakonov o brake, sem'e i opeke Uzbekskoi Sovetskoi Sotsialisticheskoi Respubliki; po sostoianiiuna 1 sentiabria 1955 g. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 57 p.

YUGOSLAVIA. Constitution. [Constitution and fundamental laws of the Federal People's Republic of Yugoslavia. Translated from the Serbian] Konstitutsiia i osnovnye zakonodatel'nye akty Federativnoi Narodnoi Respubliki IUgoslavii. Perevod s serbskogo. Pod red. G.I. Tunkina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 798 p.

## 8. EDUCATION

ABEL'SON, S.N., and IA. G. ARKIN. [Sport supplies; equipment and supplies for gymnastics] Sportivnyi inventar'; oborudovanie i inventar' po gimnastike. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 109 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut defektologii. [Defects in the speech and the writing of children; experience and logopedics] Nedostatki rechi i pis'ma u detei; iz opyta logopedicheskoi raboty. Pod red. R. E. Levinoi. Moskva, 1956. 127 p. (Pedagogicheskie chteniia)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [The study and dissemination of pedagogical experience; based on the practice of directors and methodologists] Izuchenie i rasprostranenie pedagogicheskogo opyta; iz praktiki rukovoditelei shkol i metodistov. Pod red. A. M. Gel'monta. Moskva, 1956. 254 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Pedagogy] Pedagogika. Pod red. I. A. Kairova i dr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 435 p.

ANTROPOVA, M.V., L.V. MIKHAILOVA, and G. P. SAL'NIKOVA. [Hygiene in Pioneer camps] Gigiena pionerskogo lagerla. Moskva, Izd-vo Akademii nauk RSFSR, 1956. 76 p.

BABKIN, V.I. [A semester in Norway] Semestr v Norvegii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 143 p.

BLIUMFEL'D, V.P., and A.V. SEDOV. [On road and track] Na shosse i treke. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 52 p.

[GORODKI; rules] Gorodki; pravila sorevnovanii. Moskva. Gos. izd-vo "Fizkul'tura i sport," 1956. 29 p.

GRADOPOLOV, K. V. [Boxing] Boks. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 323 p.

ISAENKO, L.A., N.F. SLEZINA, and I.P. AKIMENKO. [Practical work for pupils in schools for the deaf and dumb] Prakticheskie raboty uchashchikhsia shkoly glukhonemykh. Pod red. S.A. Zykova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 156 p.

KASTORSKII, IU. L. [Organization and education of the school group; the work practice of a rural secondary school] Organizatsiia i vospitanie obshcheshkol'nogo kollektiva; iz opyta raboty sel'skol srednel shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 86 p.

KISTIAKOVSKII, A.IU., and others. [Water polo; a manual for trainers] Vodnoe polo; v pomoshch' treneram. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 109 p. (Uchebnoe posobie dlia znatokh s sportsmenami-razriadnikami)

KONSTANTINOV, N. A. [Outline history of the secondary school; Gymnasia and Realschulen from the end of the 19th century to the February Revolution of 1917] Ocherki po istorii srednel shkoly; gimnazii i real'nye uchilishcha s kontsa XIX v. do Fevral'skoi revoliutsii 1917 goda. Izd. 2-oe, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 240 p.

KOROTKOV, I. M. [The "Ready for Labor and Defense" Organization in the Pioneer camp] BGTO v pionerskom lagere. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 93 p.

KULESHOV, A. P., and P. A. SOBOLEV. [The winter Olympics] Snezhnaia olimpiada. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 143 p.

KUZ'MINA, N.I., and L. P. USHAKOVA. [A collection of articles for exposition in schools for the deaf and dumb; teachers' manual] Sbornik statei dlia izlozhenila v shkole glukhonemykh; posobie dlia uchitelei. Izd. 2-oe, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 151 p.

LIAMINA, G. M. [The training of little children] O vospitanii malen'kikh detei. Moskva, Gos. izd-vo med. lit-ry, 1956. 19 p. (Sovety roditeliam)

MAKARTSEV, N.A. [Work organization of physical culture groups] Organizatsiia raboty fizkul'turnogo kollektiva. Moskva, Gos. izd-vo "Fizkul'tura i sport," 145 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Schools and establishments for children" pavilion; a guidebook] Pavil'ony "Shkol'nye i detskie uchrezhdeniia"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

OSKOLKOVA, V.A., and M.S. SUNGUROV. [Volleyball] Volebol. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 230 p. (V pomoshch' instruktoru-obshchestvenniku)

[OUR SPORTS] Nash sport. [Moskva, Izd-vo "Fizkul'tura i sport," 1956] (unpaged)

PAKHOMOV, P.A., and E.L.KABANOV, [Rowing] Greblia. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 23 p.

PASHININ, V.A. [On the firing line] Na ognevom rubezhe. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 30 p.

PETUKHOVA, N.V., and B.E. KOSVINTSEV. [Track athletics] Legkaia atletika. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 15 p.

ROZINA, F.D. [On the right road] Na vernom puti. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 93 p.

RUDNEVA, E.I. [An outstanding Soviet pedagogue, N.K. Krupskaia; her pedagogical opinions and work up to 1917] Vydaiushchiisia sovetskii pedagog N.K. Krupskaia; pedagogicheskie vzgliady i deiatel'nost' do 1917 g. [Moskva] Izd-vo Moskovskogo univ., 1956. 26 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Elementary school programs for the 1956/57 school year] Programmy nachal'noi shkoly na 1956/57 uchebnyi god. Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 117 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Practical work in school workshops for classes 5-6 of the seven-year and secondary school; brief instructions for teachers] Prakticheskie zaniatila v uchebnykh masterskikh v V-VI klassakh semiletnei i srednei shkoly; kratkie metodicheskie ukazaniia dlia prepodavatelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 56 p.

SAVICH, A.L. [General methods and means of moral education] Obshchie metody i sredstva nravstvennogo vospitaniia. [Moskva] Izd-vo Moskovskogo univ., 1956. 26 p.

SHAKH, STEPAN. [Lvov, the city of my youth] L'viv - misto moiei molodosty. Miunkhen, Vyd-vo "Khrystyians'kyi holos,"
Pt. 3. [The Royal Gymnasium] "Tsisars'ko - Korolivs'ka Akademichna Himnaziia." 1956. 362 p.

SKATKIN, M.N. [General technical instruction at the present stage of school development] Politekhnicheskoe obuchenie na sovremennom etape razvitiia shkoly. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 33)

SPESHNEV, F.F. [Calisthenics for sport and health] Sportivno-vspomogatel'naia gimnastika] Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 142 p.

[SPORTS FOR CHILDREN] Sport - detiam. Moskva, Gos. izd-vo "Fizkul'tura i sport."
No. 3. [Track athletics, swimming, rowing and hiking] Legkaia atletika, plavanie, greblia, turizm. 1956. 264 p.

SRODA, R.B. [Training students in activity and independence in their studies] Vospitanie aktivnosti i samostoiatel'nosti uchashchikhsia v uchenii. Pod red. A.M. Gel'monta. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 54 p. (Pedagogicheskie chteniia)

TEAS, R.A., and A.I. TSVETOV. [Siverskiy secondary school in Leningrad Province] Siverskaia srednaia shkola Leningradskoi oblasti. Moskva, Uchpedgiz, 1953. 87 p.
(MH)

ZEVIN, A.M., and V.V. IODKO. [Marksmanship competitions; organization and management] Strelkovye sorevnovaniia; organizatsiia i provedenie. Moskva, Izd-vo DOSAAF, 1956. 160 p.

## 9. MUSIC, THEATER & MOTION PICTURES

AKADEMIIA NAUK SSSR. Institut istorii i iskusstv. [History of Soviet Russian music] Istoriia russkoi sovetskoi muzyki. Moskva, Gos. muzykal'noe izd-vo.
Vol. 1. (1917-1934), 1956. 328 p.

ARSHARUNI, A. [History of the Armenian theater] Iz istorii armianskoi teatrovedcheskoi mysli. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 139 p. [In Armenian.]

DRUSHTEIN, ALEKSANDRA. [Pages from the past] Stranitsy proshlogo. Izd. perer. i dop. Moskva, Sovetskii pisatel', 1956. 394 p.

DARANOVSKII, P.P., and E.E. IUTSEVICH. [Tonal analysis of a free melodic system] Zvukovysotnyi analiz svobodnogo melodicheskogo stroia. Kiev, Izd-vo Akademii nauk USSR, 1956. 81 p.

DUDARIN, N.V. [Simple stage design] Prostieishee oformlenie sceny. Moskva, Gos. izd-vo "Iskusstvo," 1956. 92 p.

DRONOV, V.P., and M.A. RUMER, comps. [Solfeggio; a manual for pedagogical institutes] Sol'fedzhio; uchebnoe posobie dlia pedagogicheskikh uchilishch. Moskva, Uchpedgiz.
Pt. 1. [One part] Odnogolosie. Izd. 3-e. 1956. 96 p.
Pt. 2. [Two part] Pervonachal'noe dvukhgolosie. Izd. 2-oe. 1956. 103 p.

DVINSKII, E.IA. [The V.L. Durov home for animals] Ugolok imeni V.L. Durova. [Moskva] Moskovskii rabochii, 1956. 120 p.

GORCHAKOV, N.M. [The work of a director in producing a play] Rabota rezhisserа nad spektaklem. Moskva, Gos. izd-vo "Iskusstvo," 1956. 402 p.

KHOKHLOV, IU.N. [The Soviet violin concerto] Sovetskii skripichnyi kontsert. Moskva, Gos. muzykal'noe izd-vo, 1956. 230 p. (Sovetskaia muzykal'naia kritika)

[THE LARK; a collection of songs with music for Ukrainian youth, in three parts, with a supplement of gymnastic exercises] Zhavoronok; zbirnyk pisen' z notamy dlia ukrains'koi molodi u trokh chastynakh z dodatkom rukhankovi vpravy. Vyd. 2-he. Winnipeg, Nakladom "Ukraina kolo holosu," 1953. 149 p.

LISZT, FRANZ. [F. Chopin. Translated from the French] F. Shopen. [Perevod i primechaniia S.A. Semenovskogo.] Izd. 2-oe, perer. Moskva, Gos. muzykal'noe izd-vo, 1956. 420 p.

MACHERET, A.V. [Actor and scenarist] Akter i kinodramaturg. Moskva, Iskusstvo, 1956. 191 p.
(NNC)

[MARKO LUKYCH KROPYVNYTS'KYI; a collection of articles, reminiscences and papers] Marko Lukych Kropyvnyts'kyi; zbirnyk statei, spohadiv i materialiv. [Uporiadnyky: P. Dolina, P. Perepelytsia] Kyiv, Mystetstvo, 1956. 520 p.
(MH)

MARTYNOV, I. Aram Khachaturian. Moskva, Muzfond SSSR, 1956. 67 p.

MIULLER, V.N. [The staging of theatrical performances; hints for the amateur theater] Dekoratsionnoe oformlenie spektaklia; metodicheskie sovety khudozhniku samodeiatel'nogo teatra. Moskva, Gos. izd-vo "Iskusstvo," 1956. 99 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 20)

MOSCOW. MOSKOVSKII KHUDOZHESTVENNYI AKADEMICHESKII TEATR. [The yearbook of the Moscow Art Theater for 1951-1952] Ezhegodnik, 1951-1952. Moskva, 1956. 413 p.

POLIAKOVA, L.V. [Soviet opera; a lecture] Sovetskaia opera; lektsiia. Moskva, Muzfond SSSR, 1956. 34 p.

RIZAEV, SADR. [Maksim Gor'kii's plays on the Armenian stage] Dramaturgiia Maksima Gor'kogo na armianskoi stsene. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 226 p. [In Armenian.]

TSITOVICH, G.I. and B.S. SMOL'SKII. [White Russia] Belorusskaia SSR. Moskva, Gos. muzykal'noe izd-vo, 1956. 86 p. (Muzykal'naia kul'tura soiuznykh respublik)

## 10. FINE ARTS

ALEKSEEV, V.F. [City school grounds; principles governing the location and a program for the designing of city secondary school grounds (with accomodations for 400-440 students and for 880-960 students)] Uchastki gorodskikh shkol; osnovnye polozheniia i programma na proektirovanie uchastkov dlia gorodskikh srednikh shkol (dvukhkomplektnykh i odnokomplektnykh). Pod red. N.IA. Kolli. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 107 p., illus.

[CHINESE FINE ART] Kitaiskoe [illegible]
[Moskva] Izogiz [1956] 4 p., 10 post cards (1 page folio)

EREMIAN, A.P. [The Bjurakan temple] Biurakan Hrazdan Erevan, Aiastan, 1955. 127 p., illus.

IOGANSON, B.V. [The State Tret'iakov gallery; a treasury of Russian art, on the occasion of the opening of the P.M. Tret'iakov picture gallery] Gosudarstvennaia galereia - sokrovishchnitsa russkogo iskusstva k 100-letiiu osnovaniia P.M. Tret'iakovym - otkrytie kartin. Izd. 2-oe, ispr. i dop. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, nos 19, 20)

KOREN'KOV, V.F., D.D. KHAZANOV, and A.A. [illegible] BENTSE. [Unification of the architectural planning units and construction elements of mass-produced apartment houses and public buildings] Unifikatsiia ob"emno-planirovochnykh i konstruktivnykh elementov zhilykh i obshchestvennykh zdanii massovogo stroitel'stva. Pod obshchei red. G.K. Kuznetsova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 140 p.

MOSCOW. GOSUDARSTVENNAIA TRET'IAKOVSKAIA GALEREIA. [Drawings and water colors by V.I. Surikov, I.I. Levitan, V.A. Serov and M.A. Vrubel'] Risunki i akvareli V.I. Surikova, I.I. Levitana, V.A. Serova i M.A. Vrubelia. Moskva, Gos. izd-vo "Iskusstvo," 1956. 215 p., illus. (Katalogi otdelenii Gosudarstvennoi Tret'iakovskoi gallerei)

NIKOLAI ALEKSANDROVICH [illegible]. Moskva, Gos. izd-vo khudozhestvennoi literatury, 1956. 19 p., illus. (Mastera russkogo iskusstva)

[PAVLOVSK, views of the park] Pavlovsk, vid parka. Moskva, Gos. izd-vo khudozhestvennoi literatury, 1956. 31 p. of illus.

PROTICH, V.M., O.P. PUGIL'SKII, and V.K. MILIAVOV. [Principles of designing motion-picture theaters and buildings for film storage] Klassy proektirovaniia kinoteatrov i fil'mokhranilishch. Moskva, Gos. izd-vo "Iskusstvo," 1956. 129 p.

## 11. LANGUAGE, LITERATURE & FOLKLORE

AMALIAMOV, ABDURAHIMAN. [Lectures, Russian literature] Rus'ka iskhma. Kazan, Tatknigoizdat, 1955. 155 p. [In Tatar.]
(NNC)

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [Problems in Soviet literature] Voprosy sovetskoi literatury. Moskva.
Vol. 4. [Folklore in Soviet Russian literature] Fol'klor v russkoi sovetskoi literature. 1956. 423 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK [illegible]. Moscow. [The study of literary works in classes 5-7; the practice of teachers. A collection of articles] Izuchenie khudozhestvennogo teksta v VIII-X klassakh shkoly; iz opyta raboty uchitelei, sbornik statei. Pod red. N.I. Kudriashova i N.D. Moldavskoi. Moskva, 1956. 203 p.

AKOPIAN, AKOP. [Collected works] Sobranie sochinenii. Erevan, Izd-vo Akademii nauk Armianskoi SSR. [In Armenian.]
Vol. 3. 1956. 358 p.

AKSAKOV, S.T. [Collected works] Sobranie sochinenii. Moskva, Goslitizdat, 1955. 4 v.
[CLU]

AKSENENKO, B.N. [Prepositions of the English language] Predlogi angliiskogo iazyka. Pod red. i so vstup. stat'ei I.E. Anichkova. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 318 p.

ANKET, A.A. [Bernard Shaw; on the centenary of his birth] Bernard Shou; k stoletiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 18)

ANTOKOL'SKII, P.G. [Selected works] Izbrannye sochineniia. Moskva, Goslitizdat.
Vol. 2. [Poems] Poemy. 1956. 1 v.
(MH)

[ARABIC PROSE; a collection. Translated from the Arabic] Arabskaia proza; sbornik. Perevod s arabskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 286 p.

ASEEV, NIKOLAI. [In memory of the years; a collection of verse] Pamiati let; sbornik stikhotvorenii, 1912-1955. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 446 p.

AZARKII, RAISA. [The path of honor; a novel. Doroga chesti; roman-khronika. Moskva, Sovetskii pisatel'. Vol. 1. 1956. 232 p.

BAIAN, NUR. Shigyr'lér. Poémalar. [Kazan] Tatknigoizdat, 1954. 336 p. [In Tatar.] (NNC)

BAZHENOV, N.M. [Manual of the Russian language; for classes 6 and 7 of the Ukrainian secondary schools] Uchebnik russkogo iazyka; dlia 6-go i 7-go klassov srednei shkoly s ukrainskim iazykom prepodavaniia. Izd. 19-oe. Kiev, Radians'ka shkola.
Pt. 2. [Syntax] Sintaksis. 1956. 1 v.
(CLU)

BELIAEV, V. P. [The old fortress; a trilogy] Staraia krepost'; trilogiia. [Moskva] Molodaia gvardiia, 1956. 726 p.
(MH)

BERTEL'S, E. E. [Nizami; the poet's career] Nizami; tvorcheskii put' poeta. Moskva, Izd-vo Akademii nauk SSSR, 1956. 200 p. (Nauchno-populiarnaia serila)

BILETS'KYI, O. I., ed. [A word on the Great Mason; a collection of articles on the centenary of Ivan Franko's birth] Slovo pro velykoho Kamentara; zbirnyk statei do 100-littia z dnia narodzhennia Ivana Franka. Kyiv, Derzh. vyd-vo khudozh. lit-ry.
Vol. 1. 1956. 510 p.
Vol. 2. 1956. 504 p.

BILL'-BELOTSERKOVSKII, V. N. [Stories] Rasskazy. Moskva, Sovetskii pisatel', 1956. 236 p.

BOCHAROV, A. G. [The popular Soviet song] Sovetskaia massovaia pesnia. Moskva, Sovetskii pisatel', 1956. 216 p.

BOLDYREV, SERGEI. [Decisive years] Reshaiushchie gody. Moskva, Vses. uchebno-pedagog. izd-vo Ucpedrezervizdat, 1956. 405 p.

BORISOV, V. N., and I. D. BRAZUL'. [Always on wings] Vsegda na kryl'iakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 309 p.

BOTSVADZE, N. I., and E. I. BURDZHANADZE. [A primer for the first grade] Dedis c'ignebi; bukvar' dlia I klassa. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 112 p. [In Georgian.]

BOUROFF, ALEXANDRE. [Windfallen trees (the hurricane); a novel and chronicle of the generations contemporary with the last emperors. The people, the reigns, the ideas, the times] Buretom(ouragan); roman-letopis' pokolenii poslednikh imperatorov. Narody, tsarstva, idei, vremena. Paris, 1956. 306 p.

BRUNNER, KARL. [A history of the English language. Translated from the German] Istoriia angliiskogo iazyka. Perevod s nemetskogo S. Kh. Vasil'evoi. Pod red. B. A. Il'isha. Moskva, Izd-vo inostrannoi lit-ry.
Vol. 2. 1956. 391 p.

BRYL', Inka. [On the Bystranka] Na Bystrantsy. Minsk, Dziarzh. vyd. BSSR, 1955. 226 p.
(MH)

BULAKHOVSKII, L. A. [A sketch of general linguistics] Narysy zi zahal'noho movoznavstva. Kyiv, Radians'ka shkola, 1955. 347 p.
(NNC)

BULAVYTS'KA, M. V. [Lesia Ukrainka; a bibliography] Lesia Ukrainka; bibliohrafichnyi pokazhchyk. Kyiv, Vyd-vo Akademii nauk URSR, 1956. 99 p.

BUNIN, I. A. [Collected works] Sobranie sochinenii. Moskva, Pravda,
Vol. I. 1956.
(MH)

CERVANTES SAAVEDRA, MIGUEL DE. [Exemplary novels. Translated from the Spanish] Nazidatel'nye novelly. Perevod i primechaniia B. A. Krzhevskogo. Moskva, Goslitizdat, 1955. 562 p.
(NN)

CHAPLENKO, VASYL'. [In the wilds of Kopet Dagh; a tale] U notrakh Kopet-Dahu; povesti'. Toronto, Vyd-vo "Novi dni," 1951. 124 p.

[CHASTUSHKI OF FARM YOUTH] Chastushki kolkhoznoi molodezhi. [Omsk] Omskoe obl. kn-vo, 1956. 79 p.

CHERKESSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Circassian tales, songs, proverbs and sayings] Cherkes taurykh"khier, shypsekher, uaekher, psal"ezh'khier. Zeklueczykh'esakher M. Saklev, A. Okhtov. Cherkessk, Cherkesske tkhyl" tedzaple, 1956. 133 p. [In Circassian.]

CHISTIAKOV, V. M. [The development of Russian speech in national school students; a lecture for teachers] Razvitie russkoi rechi uchashchikhsia natsional'nykh shkol; lektsiia dlia uchitelei. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 45 p.

CHUIKO, I. A., and I. A. HAVELIA. [A method of teaching Ukrainian in elementary schools] Metodyka vykladannia ukrains'koi movy v pochatkovii shkoli. Kyiv, Radians'ka shkola, 1955. 310 p.
(NNC)

CHUKOVSKII, K. I. [Tales] Skazki. Riaboi V., Konashevicha (1 dr.) Moskva, Detgiz, 1955. 142 p.
(NN)

DEMENT'EV, VALERII. [Stepan Shchipachev; a sketch of his life and works] Stepan Shchipachov; ocherk zhizni i tvorchestva. Moskva, Sovetskii pisatel', 1956. 168 p.

DEPOLOVICH, L. P. [A primer] Bukvar. Vyd. 3-e. Toronto, Vyd-vo "Novi dni," 1956. 100 p.

[DICTIONARY OF THE GEORGIAN LANGUAGE] Tolkovyi slovar' gruzinskogo iazyka. Glav. red. G. Akhvlediani i dr. Pod obshchei red. Arn. Chikobava. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR.
Vol. 4. V, Z, T, I, K, L. Red. chetvertogo toma Arn. Chikobava et. nauch. sotr. Mikh. Chabashvili. 1955. 1000 columns.

DOM DETSKOI KNIGI, Moscow. [Children's literature and problems of craftsmanship; a collection of articles] Detskaia literatura i voprosy masterstva; sbornik statei. Moskva, 1956. 220 p.

DOROSHKO, P. O. [Vilyuisk prisoner; a poem] Viliuis'kyi v'iazen'; poema. Kyiv, Radians'kyi pys'mennyk, 1955. 83 p.
(MH)

DOSTOEVSKII, F. M. [Collected works] Sobranie sochinenii. Pod obshchei red. L. P. Grossmana [1 dr.] Moskva, Goslitizdat, 1956. 10 v.
(CLU)

DYIKANOV, KARBOZ. [The noun in the Kirghiz language] Imia sushchestvitel'noe v kirgizskom iazyke. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 103 p.

ELEONSKII, S. F. [Literature and folk creativity; a manual for teachers of secondary schools] Literatura i narodnoe tvorchestvo; posobie dlia uchitelei srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 237 p.

EMEL'IANOV, B. A. [Tales and stories] Povesti i rasskazy. Moskva, Sovetskii pisatel', 1956. 317 p.

FRANKO, IVAN. [Sonnets] Sonety. [L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1955] 114 p.
(MH)

FRANKO, IVAN. [Works] Tvory. N'iu-Iork, Vyd. Tovarystvo "Knyhospilka,"
Vol. 1. 1956. 287 p.
Vol. 2. [Stories] Opovidannia. 1956. 405 p.
Vol. 3. [Stories] Opovidannia. 1956. 439 p.

GALDAR, A. P. [Collected works] Sobranie sochinenii. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 1 v.
(MiU)

GANABIN, I. V. [Poetry] Stikhotvoreniia. Moskva, Sovetskii pisatel', 1956. 77 p.
(MH)

GARIBIAN, A., and others. [Methods of teaching the Armenian language; a manual for teachers of grades 1-4 and for students of pedagogical schools] Metodika armianskogo iazyka; posobie dlia propodavatelei 1-4 klassov i studentov pedagogicheskikh uchilishch. Erevan, Aipetrat, 1955. 387 p. [In Armenian.]
(MH)

GARIBIAN, A., and S. KAZARIAN. [Textbook of the Armenian language for the third grade] Uchebnik armianskogo iazyka; dlia III klassa. Erevan, Armuchpedgiz, 1956. 118 p. [In Armenian.]

GARIN-MIKHAILOVSKII, N. G. [Korean folk tales] Koreiskie skazki. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 69 p.

[GEORGIAN AND RUSSIAN PROVERBS; parallels] Gruzinsko-russkie poslovitsy; paralleli. Sost. P. TSereteli. Tbilisi, Izd-vo "Sabchota Mtserali," 1956. 94 p.

GNEDICH, N. I. [Poems] Stikhotvoreniia. Leningrad, Sovetskii pisatel', 1956. 340 p. (Biblioteka poeta osnovana M. Gor'kim. Bol'shaia seriia. 2. izd.)

GNEZDILOV, M. F., and E. N. ZAV'IALOVA. [A reader for class 8 of auxiliary schools] Kniga dlia chteniia; dlia VI klassa vspomogatel'nykh shkol. Izd. 11-oe peror. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 239 p.

GOLOVIN, DM. [The green yoke; satirical stories] Zelonaia duga; satiricheskie rasskazy. Orel, Izd-vo "Orlovskaia pravda," 1956. 70 p.

GOL'TSEV, VIKTOR. Sholn Rustaveli. Izd. 2-oe, dorabotannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 116 p.

GONCHAROV, I. A. [A million torments; a critical study] Mil'on terzanii; kriticheskii etiud. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 46 p.

GRIGORIAN, A. [The Armenian language; a practical manual for classes 8-10] Armianskii iazyk; posobie dlia prakticheskikh rabot 8-10 klassov. Erevan, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila Armianskoi SSR, 1956. 280 p. [In Armenian.]

GROMOV, P. T. [Don region folklore] Narodnoe tvorchestvo Dona. Rostov-na-Donu, Rostizdat, 1952. 1 v.
(MH)

GUDZII, N. K. [A history of Old Russian literature] Istoriia drevnei russkoi literatury. Izd. 6-oe, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 510 p.

GUDZII, N. K. Nikolai Savvich Tikhonravov. [Moskva] Izd-vo Moskovskogo univ., 1956. 63 p. (Zamechatel'nye uchenye Moskovskogo universiteta)

GUREVICH, S. A. [Organization of reading in the upper grades] Organizatsiia chteniia v starshikh klassakh. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 120 p. (Opyt peredovogo uchitelia)

GUSEIN, MEKHTI. [The skirmish; a tale. Translated from the Azerbaijani] Skhvatka; povesti. [Avtoriz. perevod s azerbaidzhanskogo.] [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 373 p.

HAPPY YOUTH OF CHINA. Schastlivaia kitaiskaia molodezh'. [Pekin, "Kitaiskaia molodezh'," 1955] 1 v. (chiefly illus.)
(NNC)

HERTSEN, A. I. [Collected works; in 30 volumes] Sobranie sochinenii; v tridtsati tomakh. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 7. [The development of revolutionary ideas in Russia. Works produced in 1851-1852] O razvitii revoliutsionnykh idei v Rossii. Proizvedeniia 1851-1852 godov. 1956. 466 p. [In Russian and French.]

HLIBOV, L. I. [Works] Tvory. Kyiv, Molod', 1955. 168 p.
(NN)

HULAK-ARTEMOVS'KYI, P. P. [Works] Tvory. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 60 p.

IDELLE, GAZIZ. Sailanma öšerlér. Kazan, Tatknigoizdat, 1955. 170 p. [In Tatar.]
(NNC)

[IN ONE'S NATIVE COUNTRY] V kraiu rodnom. Rostov-na-Donu, Rostovskoe kn-vo, 1954. 111 p.
(NNC)

ISHMORAT, RIZA. Pesalar. Kazan, Tatgoizdat, 1953. 240 p. [In Tatar.]
(NNC)

ISKHAK, AKHMET. [The hero poet Musa Dzhalil'] Poet-geroi Musa Dzhalil', Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 16)

IVCHENKO, MYKHAILO. [Full days; a tale] Napovneni dni; povist', Zal'tsburg, Vyd-vo "Novi dni," 1946. 98 p.

IVICH, ALEKSANDR. [M. Il'in's creative work] Tvorchestvo M. Il'ina. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 130 p.

JAKOBSON, AUGUST. [The night of solstice; stories. Translated from the Estonian] Noch' solntsevorota; rasskazy. Perevod s estonskogo. Moskva, Pravda, 1959. 60 p. (Biblioteka "Ogonek," no. 34)
(CU)

KARPENKO-KRYNYTSIA, PETRO. [Soldiers of my legion (1945-1946)] Soldaty moho legionu (1945-1946). Chikago, Vyd-vo Orlyk [195- ] 48 p.
(NN)

KAZANTSEV, ALEKSANDR. [Blazing island; science fiction] Pylaiushchii ostrov; nauchno-fantasticheskii roman. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 734 p.

KEKELIDZE, K. S. [Studies in the history of Old Georgian literature] Etiudy po istorii drevnegruzinskoi literatury. Tbilisi, [In Georgian.]
Vol. 3. 1955. 333 p.

KHAVKIN, O.A. [My Chaldonka; a tale] Moia chaldonka; povest'. Red. L.K.Chukovskaia. Chita, Chitinskoe kn-vo, 1956. 195 p.

KOMISSAROVA, M.I. [Liza Chaikina; a poem] Liza Chaikina; poema. Leningrad, Sovetskii pisatel', 1955. 74 p.
(MH)

KONTSEVAIA, E. A. [Springtime in Prague; sketches] Prazhskaia vesna; ocherki. Moskva, Sovetskii pisatel', 1956. 244 p.

KOTSIUBYNS'KYI, MYKHAILO. [Works] Tvory. Zahal'na red. ta vstup. stattia P. H. Tychyny. Kyiv, Derzh. vyd-vo khudozh. lit-ry.
Vol. 1. 1955. 1 v.
Vol. 3. 1956. 1 v.
(CU)

KROPOTKIN, P. A. [Ideals and reality in Russian literature] Idealy i deistvitel'nost' v russkoi literature. Perevod s angliiskogo V. Baturinskogo pod red. avtora. Buenos Aires, Izdatel' "Selatel'," 1955. 323 p.

KYRYLIUK, IE. P. [Ivan Franko; a biographical sketch] Ivan Franko; biograficbnyi narys. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 123 p.

LĀCIS, VILIS. [The Zitarov family (An old seafaring line); a novel. Translated from the Lettish] Sem'ia Zitarov (Staroe morlatskoe guezdo); roman. Perevod s latyshskogo Mil'dy Mikhalevoi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 782 p.

LEBEDENKO, ALEKSANDR. [Heavy artillery battalion; a novel] Tiazhelyi divizion; roman. Leningrad, Sovetskii pisatel', 1956. 603 p.

LEBEDEV, A. M. [Russian language literary reading in nationality schools] Literaturnoe chtenie na russkom iazyke v natsional'noi shkole. Pod obshchet red. K. V. Mal'tsevoi. Izd. 3-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 160 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Urii Solomonovich Krymov (1908-1941); a bibliography] Urii Solomonovich Krymov (1908-1941); ukazatel' literatury. Leningrad, 1956. 18 p.

LESKOV, N. S. [The left-hander; the tale of a left-handed, cross-eyed lad from Tula and a steel flea] Levsha; skaz o tul'skom kosom levshe i o stal'noi blokhe. [Illus. N. V. Kuz'mina.] Moskva, Gos. izd-vo khurozh. lit-ry, 1956. 93 p., illus.
(NN)

LIANDESBERG, IA. S., and N. N. GOLIKOV. [The Latin language] Latinskii iazyk. Izd. 2-oe. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 242 p.

MALYSHKIN, ALEKSANDR. [Works; in two volumes] Sochineniia; v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Stories, 1913-1915. Tales: The fall of Dair, Sevastopol] Rasskazy, 1913-1915. Povesti: Padenie Dairа, Sevastopol'. 1956. 533 p.
Vol. 2. [Stories and sketches, 1922-1931. People from the backwoods] Rasskazy i ocherki, 1922-1931. Liudi iz zakholust'ia; roman, 1956. 464 p.

MARTOVYCH, LES'. [Prejudice; a tale] Zabobon; povist'. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 200 p. (Biblioteka ukraïns'koho romana ta povisti)

MASLIN, N. N. [Maiakovskii; sketches of his work] Maiakovskii; ocherki tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 201 p.

MATIUSHENKO, A. S. [A collection of exercises in grammar and orthography; a textbook for pupils in classes 5-6 of non-Russian schools] Sbornik uprazhnenii po grammatike i pravopisaniiu; uchebnoe posobie dlia uchashchikhsia V-VI klassov nerusskoi shkoly. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 231 p.

MEZHIROV, ALEKSANDR. [Different years; verse] Raznye gody; stikhi. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 245 p.

MIROTVORTSEV, S.R. [Pages of life] Strannitsy zhizni. [Leningrad] Medgiz, 1956. 197 p.
NN

MOLDO, TOGOLOK. [Works] Chygarmalar. Frunze, Kyrgyzstan mamlekettik basmasy. [In Kirghiz.]
Vol. 1. 1954. 273 p.
Vol. 2. 1955. 203 p.

MOROZOV, M. M. [A manual on the translation of literary Russian prose into English] Posobie po perevodu russkoi khudozhestvennoi prozy na angliiskii iazyk. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 145 p.

MUSATOV, A. I. [Steep paths; a tale] Krutye tropy; povest'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 157 p.

NEHRYTS'KYI-HRANOVS'KYI, OL. [Sparks of faith; verse] Iskry viry; poezii. New York, Independent Ukraine, 1953. 144 p.
(OCI)

NEKRASOVA, V. A. [Outside reading; a literary anthology] Vneklassnoe chtenie; literaturnaia khrestomatiia. Izd. 2-oe, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR.
Pt. 2. [For class 6 of non-Russian schools] Dlia VI klassa nerusskikh shkol. 1956. 287 p.
Pt. 3. [For class 7 of non-Russian schools] Dlia VII klassa nerusskikh shkol. 1956. 319 p.

[THE NEWSPAPER AND TECHNICAL PROGRESS] Gazeta i tekhnicheskii progress. Moskva, Gos. izd-vo polit. lit-ry, 1956. 97 p. (V pomoshch' rabotnikam pechati)

NIKULIN, IU. [Stories around the campfire] Rasskazy u kostra. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 66 p.

NORD, ANASTASIIA. [Mikhail Uvarov; a novel] Mikhail Uvarov; roman. N'iu Iork, 1954. 104 p.

NOVIKOV, IVAN. [The writer and his work] Pisatel' i ego tvorchestvo. Moskva, Sovetskii pisatel', 1956. 522 p.

[OF LOVE, OF FRIENDSHIP; lyrical verses and songs] O liubvi, o druzhbe; liricheskie stikhi i pesni. Moskva, Gos. izd-vo "Iskusstvo," 1956. 245 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 28)

OGANEZOV, G. [From a soldier's diary] Iz dnevnika soldata. Erevan, Armianskoe gos. izd-vo, 1956. 270 p. [In Armenian.]

ORDOIAN, V., comp. [The Armenian language; a textbook for classes 4 and 5 in non-Armenian schools] Armianskii iazyk; uchebnik dlia IV-V kl. nearmianskikh shkol. Erevan, Armuchpedgiz, 1956. 120 p. [In Armenian.]

ORLOV, V. N. [Aleksandr Blok; a sketch of his work] Aleksandr Blok; ocherk tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 260 p.

ORUZBAEVA, B. O. [Forms of the past tense in the Kirghiz language] Formy proshedshego vremeni v kirgizskom iazyke. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 60 p.

OVCHARENKO, IVAN. [The road to freedom; a novel] Put' k svobode; roman. Moskva, Sovetskii pisatel', 1956. 677 p.

OVCHINNIKOVA, I. K. [Manual of the Persian language] Uchebnik persidskogo iazyka. [Moskva] Izd-vo Moskovskogo univ.
Pt. 1, 1956. 439 p.

PANFEROV, FEDOR. [Heroic style] Bogatyrskii razmakh. Moskva, Gos. izd-vo polit. lit-ry, 1956. 64 p.

PESHKOVSKII, A. M. [Russian syntax; a study] Russkii sintaksis v nauchnom osveshchenii. Izd. 7-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 511 p.

PIOTROVSKII, R. G. [Essays on grammatical stylistics of the French language; morphology] Ocherki po grammaticheskoi stilistike frantsuzskogo iazyka; morfologiia. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 196 p. (Biblioteka filologa)

PLAKHOTSHINA, V.T. [Nekrasov's poem "Who can be happy and free in Russia?"] Poema Nekrasova "Komu na Rusi zhit' khorosho," [Kiev] Izd-vo Kievskogo gos. univ. im. T.G. Shevchenko, 1956. 153 p.

POLIAKOV, SERGEI. [The partisan spark; a tale] Partizanskaia iskra; povest'. Izd. 2-oe, perer. i dop. [Odessa] Odesskoe obl. izd-vo, 1956. 400 p.

POMERANTSEVA, E.V. [Mordvinian folk tales] Mordavskie skazki. V obrabotke E.V. Pomerantsevoi. Risunki V. Milashevskogo. Moskva, Detgiz, 1956. 126 p. (Shkol'naia biblioteka dlia nerusskikh shkol)
(NN)

POPOVA, N. A. [Toward the dawn; a novel] Zare navstrechu; roman. [Izd. 2-oe.] [Sverdlovsk] Sverdlovskoe kn-vo, 1956. 357 p.

PORTIANKIN, I. A. [The workers' press during the fight for the creation of the Communist Party of the Soviet Union] Rabochaia pechat' v period bor'by za sozdanie Kommunisticheskoi partii Sovetskogo Soiuza. [Moskva] Izd-vo Moskovskogo univ., 1956. 113 p.

POTAPOVA, N. F. Russian; elementary course. Moscow, Foreign Languages Publ. House.
Vol. 2. 1956. 478 p.

PRAVDIN, L. N. [In the northern wilds; a novel] Na severe dikom; roman. Molotov, Molotovskoe kn-vo, 1955. 222 p.

PRIBYTKOV, V. S. [A merchant from Tver'; a tale of Afanasii Nikitin's travels to India] Tverskoi gost'; povest' o puteshestvii Afanasiia Nikitina v Indiiu]. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 372 p.

RAKOVSKII, LEONTII. [Generalissimo Suvorov] Generalissimus Suvorov. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 533 p. (Sovetskii voennyi roman)

RAMAZANOV, SH., and KH. KHISMETULLIN. Tatar tele grammatikasy. Kazan, Tatknigoizdat, 1954. 1 v. [In Tatar.]
(NNC)

RASTORGUEVA, V.S. [Studies in Tajik dialectology] Ocherki po tadzhikskoi dialektologii. Moskva, Izd-vo Akademii nauk SSSR.
No. 3. [The Leninabad and Kanibadam group of north Tajik dialects] Leninabadsko-kanibadamskaia gruppa severnykh tadzhikskikh govorov, 1956. 190 p.

RESHETNIKOV, F.M. [Selected works] Izbrannye proizvedeniia. [Vstup. stat'ia i primechaniia N.I. Sokolova. Illius. G.N. Veselova] Moskva, Goslitizdat.
Vol. 1. 1956. 613 p.
Vol. 2. 1956.
(MH)

ROMANENKO, D. I. [Aleksandr Fadeev; a critical and biographical sketch] Aleksandr Fadeev; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 180 p.

[RULES OF RUSSIAN ORTHOGRAPHY AND PUNCTUATION] Pravila russkoi orfografii i punktuatsii. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 175 p.

RUMANOVA, L. IU. [Aleksei Maksimovich Gor'kii, 1868-1936; a bibliography for public libraries] Aleksei Maksimovich Gor'kii, 1868-1936; kratkii rekomendatel'nyi ukazatel' i materialy dlia massovykh bibliotek. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 103 p.

SERGEEV-TSENSKII, S. N. [Collected works; in ten volumes] Sobranie sochinenii; v desiati tomakh. Moskva, Gos. izd-vo khdozh. lit-ry.
Vol. 8. [Transfiguration of Russia; an epic. (The guns are brought out. The guns have spoken).] Preobrazhenie Rossii; epopeia. (Pushki vydvigaiut. Pushki zagovorili). 1956. 670 p.

SHAGINIAN, MARIETTA. [Collected works; in six volumes] Sobranie sochinenii; v shesti tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Verse and translations. Stories. One's fate; a novel. The change; a novel] Stikhotvoreniia i perevody. Rasskazy. Svoia sud'ba; roman. Peremena; roman. 1956. 655 p.
Vol. 2. [Adventures of a society lady; a novel. "Mess-mend" or a Yankee in Petrograd; a novel. Klk; a novel] Prikliuchenie damy iz obshchestva; roman. "Mess-Mend," ili IAnki v Petrograde; roman. Klk; roman. Ocherki. 1956. 688 p.

SHAMOV, AFZAL. Sallanma ésérlér. Kazan, Tatknigoizdat, 1954. 476 p. [In Tatar.]
(NNC)

SHANIDZE, A.G. [A grammar of the Georgian language; a textbook for classes 5 and 6] Grammatika gruzinskogo iazyka; uchebnik dlia V-VI klassov. Tbilisi, Gosizdat Gruzinskoi SSR. [In Georgian.]
Pt. 1. 1956. 115 p.

SHANIDZE, A.G. [A grammar of the Georgian language; textbook for classes 6 and 7] Grammatika gruzinskogo iazyka; uchebnik dlia VI-VII klassov. Tbilisi, Gosizdat Gruzinskoi SSR. [In Georgian.]
Pt. 2. 1956. 111 p.

SHCHEGOLEV, N. A. [Maiakovskii's artistry in his poem "This is good"; a manual for teachers] Khudozhestvennoe masterstvo V. V. Maiakovskogo v poeme "Khorosho!"; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 77 p.

SHCHERBININA, O.N. [Russian language literary reading in nationality schools; a manual for teachers] Literaturnoe chtenie na russkom iazyke v natsional'noi shkole; metodicheskoe posobie dlia uchitelei. Izd. 2-oe, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1955. 214 p.

SHEREKH, IURII, pseud. Vsevolod Ilantsov, Olena Kurylo. Vinnipeg, Nakl.Ukr. narodn'oho domu v Torontl, 1954. 76 p. (Ukraïns'ka vil'na akademiia nauk. Serila: Ukraïns'ki vcheni, pt. 5)

SHIH, NAI-YEN. [River backwaters. Translated from the Chinese] Rechnye zavodi. Perevod s kitaiskogo. Moskva, Goslitizdat,
Vol. 2. 1955. 1 v.
(NNC)

SHOLOKHOV, M. A. [Collected works; in seven volumes] Sobranie sochinenii; v semi tomakh. Teksty ispravleny avtorom. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia."
Vol. 3. [The Quiet Don; a novel] Tikhii Don; roman. 1956. 395 p.

SIROTKIN, M. IA. [Nikolai Ivanovich Polorussov (Sheichi); a critical and biographical sketch] Nikolai Ivanovich Polorussov (Sheichi); kritiko-biograficheskii ocherk. Cheboksary, Chuvashskoe gos. izd-vo, 1956. 41 p.

SKAZBUSH, NIKOLAI. [Working people; a novel] Rabochii narod; roman. [Khar'kov] Khar'kovskoe obl. izd-vo, 1956. 617 p.

SOBKO, VADYM. [The path of a star; a trilogy] Shliakh zori; tryloglia. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 686 p. (Bibliioteka ukraïns'koho romana ta povisti)

SOBKO, VADYM. [Stadium; a novel] Stadion; roman. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1956. 443 p.

[SONGS] Pesni. [Stalingrad] Stalingradskoe kn-vo, 1955. 435 p.
(NNC)

SPITSYNA, N. A. [Griboedov in the school; a teacher's experience] Griboedov v shkole; iz opyta raboty uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 130 p.

SRIVASTAVA, DHANPAT RAI. [Thakur's well; stories. Translated from the Urdu and Hindi] Kolodets thakura; rasskazy. Perevod s urdu i khindi. Moskva, Izd-vo inostrannoi lit-ry, 1956. 1 v.
(MH)

SYROTIUK, MYKOLA. [Mykola Trublaini; his life and work] Mykola Trublaini; zhyttia i tvorchist'. Kyiv, Molod', 1956. 170 p.
(MH)

TABUKASHVILI, SH.T., and V.F.RAMISHVILI. [Our country's literature; a textbook for class 5] Rodnaia literatura; uchebnik dlia V kl. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 267 p. [In Georgian.]

TAKTASH, KHADI. P'esalar, khikéialar, mékaléler. Kazan, Tatknigoizdat, 1953. 262 p. [In Tatar.]
(NNC)

TAKTASH, KHADI. Sallanma ésérlér. Kazan, Tatgosizdat, 1952. 316 p. [In Tatar.]
(NNC)

TOMASHEVSKII, B. Pushkin. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. (1813-1824). 1956. 743 p.

TRIFONOVA, T.K. [Collective farm villages in contemporary literature] Kolkhoznaia derevnia v sovremennoi literature. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 17)

TRUBLAINI, MYKOLA. [Little girl Natalochka and the silver fish; a fairy tale] Pro divchynku Natalochku i sribliastu rybku; kazka. Toronto, Vyd-vo "Novi dni," 1953. [11] p.

TSESSARSKII, A. V. [Notebook of a doctor with the partisans; a tale] Zapiski partizanskogo vracha; povest'. Moskva, Sovetskii pisatel', 1956. 340 p.

TURAEV, S. V. [An outstanding German poet, Georg Weerth] Vydaiushchiisia nemetskii poet Georg Veert. Moskva, Izd-vo "Znanie", 1956, 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no.15)

VADANOSAU, MIKOLA. [In the Barkov forest; a tale] U Barkouskai pushchy; apovesta'. Minsk, Dziarzh. vyd-va BSSR, 1956. 126 p.

VADETSKII, D. [The poet Terezi; a novel] Akyn Terezi; roman. Moskva, Sovetskii pisatel', 1956. 304 p.

VASILENKO, I. A. [Historical grammar of the Russian language; a collection of exercises] Istoricheskaia grammatika russkogo iazyka; sbornik upraznenii. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 270 p.

VERES, PETER. [A bad wife. Translated from the Hungarian] Durnaia zhena. [Perevod s vengerskogo IU. Shishmonina.] Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 146 p.

VILDE, EDUARD. [How Anija men went to Tallinn; a historical novel. Translated from the Estonian] Khodoki iz Anila; istoricheskii roman. Perevod s estonskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 317 p.

VOEVODIN, VSEVOLOD. [Biletnikov, the painter] Zhivopisets Biletnikov. Leningrad, Sovetskii pisatel', 1956. 207 p.

VOINOV, A.I. [The wrought iron chest; a tale] Kovanyi sunduk; povest'. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 130 p.

VOLOSHIN, A.N. [The test; a play] Ispytanie; p'esa. Moskva, 1956. 89 p.
(MH)

VOLYNIAK, PETRO. [At the foot of the Kizgurt; a tale] Pid Kyzgurtom; opovidannia. Zal'tsburg, Vyd-vo "Novi dni," 1947. 47 p.

VOLYNIAK, PETRO. [The Dnieper; a reader for the fifth grade and for outside reading] Dnipro; chytanka dlia 5-oi klasy ta pozashkil'noho chytannia. Toronto, Vyd-vo "Novi dni," 1953. 112 p.

VOLYNIAK, PETRO. [Kiev; a reader for the third grade and outside reading] Kyiv; chytanka dlia 3-oi klasasy ta pozashkil'noho chytannia. Toronto, Vyd-vo "Novi dni," 1954. 111 p.

VOLYNIAK, PETRO. [Periwinkle; a reader for the second grade and for outside reading] Barvinok; chytanka dlia 2-oi klasy ta pozashkil'noho chytannia. Druhe poshyrene vyd. Toronto, Vyd-vo "Novi dni," 1955. 107 p.

VOROB'EV, EVGENII. [Facing the sun; travel sketches] Litsom k solntsu; putevye ocherki. Moskva, Sovetskii pisatel', 1956. 325 p.

VURGUN, SAMED. [A poet's word; verses. Translated from the Azerbaijani] Slovo poeta; stikhi. Perevod s azerbaidzhanskogo. Moskva, Pravda, 1956. 30 p. (Biblioteka "Ogonek," no. 38)
(CU)

VYSHESLAVSKII, L. N. [Space; verse and poems] Prostor; stikhi i poemy. Moskva, Sovetskii pisatel', 1956. 101 p.
(MH)

VYSHNIA, OSTAP. [Unfortunate love; smiles] Neshchasne kokhannia; usmishky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 105 p.

VYSHNIA, OSTAP. [Works; in two volumes] Tvory; v dvokh tomakh. Kyiv, Derzh. vyd-vo khudozh. lit-ry.
Vol. 1 1956. 460 p.
Vol. 2 1956. 468 p.

ZADESNIANS'KYI, R. [What Mykola Khvyl'ovyi gave us] Shcho nam dav Mykola Khvyl'ovyi. [n. p.] Ukraïns'ka krylychna dumka, 1955. 110 p.
(NN)

ZAKOZHURNIKOVA, M. L., and N. S. ROZHDESTVENSKII. [Grammar, orthography and speech development for pupils in the fourth grade of the elementary school; a manual for teachers] Grammatika, pravopisanie i razvitie rechi uchashchikhsia v IV klasse nachal'noi shkoly; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 190 p.

ZAMAKHAEVA, N.S., and G.B.SIMANOVSKAIA. [A collection of systematic dictations; a manual for teachers in auxiliary schools] Sbornik sistematicheskikh diktantov; posobie dlia uchitelei vspomogatel'nykh shkol. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 143 p.

ZANDUKELI, M. Z. [The new Georgian literature] Novaia gruzinskaia literatura. Tbilisi, Izd-vo Nauchno-metodicheskogo kabineta Ministerstva prosveshcheniia Gruzinskoi SSR, 1955. [In Georgian.]

ZLATOGOROV, MIKHAIL. [The strength of the grip; sketches] Sila sleplenila; ocherki. Moskva, Izd-vo "Pravda," 1956. 47 p. (Biblioteka "Ogonek," no. 39)

ZUBAVIN, B. M. [The Stalingrad stretch of the river; stories] Stalingradskii ples; rasskazy. Moskva, Pravda, 1948. 39 p. (Biblioteka "Ogonek," no. 19)
(CU)

ZVEGINTSEV, V. A. [Aesthetic idealism in linguistics (K. Fossler and his school); material for a course in linguistics] Esteticheskii idealizm v iazykoznanii (K. Fossler i ego shkola); materialy k kursam iazykoznaniia. [Moskva] Izd-vo Moskovskogo univ., 1956. 25 p.

## 12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK SSSR. Aleksandr Alekseevich Polknov, Vstup. stat'ia N.A. Eliseeva, Bibliogr. sost. A.I. Sytinoi. Moskva, 1956. 46 p. (Materialy k biobibliografii uchenykh SSSR, Serila geologicheskikh nauk, no. 11)

AKADEMIIA NAUK SSSR. Institut geografii. [Forest-steppe and steppes of the Russian plains] Lesostep' i step' Russkoi ravniny. Moskva, 1956. 265 p.

[ALONG THE WATERWAYS OF THE NORTHWEST; a guidebook] Po vodnym putiam Severo-Zapada; putevoditel'. [Leningrad] Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 260 p.

[ANGOLA, BECHUANALAND, RHODESIA AND NYASALAND] Angola, Bechuanaland, Federatsiia Rodezii i N'iasalenda. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 31 p. (Strany Afriki. Geograficheskie spravki)

ARSEN'EV, V.K. [In the wilds of the Ussuri Region] V debriakh Ussuriiskogo kraia. [Moskva] Moskovskii rabochii, 1956. 486 p. illus.
(MH)

ASLANIKASHVILI, A. F. [Geomorphological block diagrams and methods of constructing them] Geomorfologicheskie blokdiagrammy i metody ikh postroeniia. Tbilisi, 1955. 137 p. [In Georgian.]

BELIANKIN, D. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. 1956. 844 p.

BURKHANOV, V. F. [To the shores of the Antarctic] K beregam Antarktidy. Moskva, Izd-vo "Morskoi transport," 1956. 101 p.

DZHAVAKHISHVILI, A., and I. SHAKARISHVILI. [Physical geography of the Georgian S. S. R.; a textbook for class 7] Fizicheskaia geografiia Gruzinskoi SSR; uchebnik dlia VII klassa. Izd. 6-oe, perer. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 131 p.

GARMONOV, I. V. [Maps of ground water of the steppe and forest-steppe regions of the European part of the U. S. S. R.] Karty gruntovykh vod stepnykh i lesostepnykh ralonov Evropeiskoi chasti SSSR. Moskva, Izd-vo Akademii nauk SSSR, 1955. 3 maps (in portfolio)

_____ [Explanatory notebook to accompany the maps] Poiasnitel'naia zapiska k kartam. 1955. 18 p.

GEKKER, R. F. [Instructions for research in paleoecology] Nastavlenie dlia issledovanii po paleoekologii. Izd. 2-oe. Moskva, Izd-vo Akademii nauk SSSR, 1955. 38 p., illus. (Nastavleniia po sboru i izucheniiu iskopaemykh organicheskikh ostatkov, 6)

[IN THE PAMIR MOUNTAINS] V gorakh Pamira; komplekt otkrytok. [n.p.,] IZOGIZ [1956] 15 post cards (in portfolio)

KADENSKII, A. A. [Magmatic geology of the foremost mountain range of the northwestern Caucasus] Magmaticheskaia geologiia peredovogo khrebta Severo-Zapadnogo Kavkaza. Moskva, Izd-vo Akademii nauk SSSR, 1956. 291 p.

KAMBALOV, N. A. [Interesting places in the Altai Territory] Po interesnym mestam Altaiskogo kraia. Izd. 3-e, ispr. i dop. Barnaul, Altaiskoe kn-vo, 1956. 131 p.

[MICROFILM]

KUDRITSKII, D. M., I. V. POPOV, and E. A. ROMANOVA [Principles of hydrographic deciphering of aerial photographs] Osnovy gidrograficheskogo deshifrirovaniia aerofotosnimkov. Pod red. A. P. Domanitskogo. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 343 p.

LEBEDEVA, N. A., and N. K. LEBEDEV. [Elisée Reclus] Elize Rekliu. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 39 p. (Zamechatel'nye geografy i puteshestvenniki)

[LENINGRAD; explanatory index to a short guide to Leningrad] Leningrad; [ukazatel' k kratkomu putevoditeliu po gorodu Leningradu]. [Leningrad] Lenizdat, 1956. 34 p. [Parallel texts in Russian and English.]

[PHOTOSTAT]

MARUASHVILI, L. I. [Vakhushti Bagrationi, his predecessors and contemporaries; geographical works and travels] Vakhushti Bagrationi, ego predshestvenniki i sovremenniki; geograficheskie trudy i puteshestviia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 135 p.

MIKHAILOVA, N. A. [Petrography of Givetian deposits in Ural and Volga petroleum-bearing regions and the paleogeography of the period of their formation] Petrografiia zhivetskikh otlozhenii Urało-Volzhskoi neftenosnoi oblasti i paleogeografiia vremeni ikh obrazovaniia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 167 p., illus.

[MOSCOW FROM THE DECK OF A MOTOR SHIP; a guidebook] Moskva s borta teplokhoda; putevoditel'. Izd. 2-oe. Moskva, Izd-vo "Rechnoi transport," 1956. 259 p.

MURATOV, M. B. [Toward danger; two voyages by Captains V. Bering and A. Chirikov, their associates and companions] Navstrechu opasnostiam; dva puteshestviia kapitanov V. Beringa, A. Chirikova, ikh spodvizhnikov i sputnikov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 324 p.

NIKITIN, PETR. [Report on Yugoslavia] Reportazh o IUgoslavii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 135 p.

PAVLOV, V. I., and A. M. RIABCHIKOV. [India] Indiia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 92 p. (U karty mira)

POPOVKIN, E. E. [Impressions of Czechoslovakia; travel notes] Chekhoslovatskie vpechatleniia; iz putevogo bloknota. Simferopol', Krymizdat, 1956. 36 p.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie shkol. [Assignments for students taking correspondence courses in secondary schools; geography] Zadaniia dlia uchashchikhsia zaochnoi srednei shkoly; geografiia, V klass. Sost. I. I. Zaslavskii. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 62 p.

SAFONOV, V. A. [Travels into the unknown] Puteshestviia v nevedomoe. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 238 p.

SEDENKO, M. V. [Hydrogeology] Gidrogeologiia. Moskva, Ugletekhizdat, 1956. 115 p.

[THE SOVIET BLACK SEA REGION] Sovetskoe Chernomor'e. [Izd. 3-e.] Moskva, Izd-vo "Morskoi transport," 1956. 401 p.

[SPAIN, PORTUGAL, ANDORRA, GIBRALTAR] Ispaniia, Portugaliia, Andorra, Gibraltar. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 23 p. (Strany Evropy. Geograficheskie spravki)

TRESHNIKOV, A. F. [A year on an ice floe; the diary of a polar explorer] God na l'dine; iz dnevnika polIarnika. Moskva, Izd-vo "Morskoi transport," 1956. 92 p.

VARSHAVSKII, A. S. [Notes on Yugoslavia] Zametki o IUgoslavii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p.

ZUBOV, N. N. [Selected works on oceanography; on the seventieth anniversary of the author's birth] Izbrannye trudy po okeanologii; k 70-letiiu so dnia rozhdeniia avtora. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 547 p.

[MICROFILM]

ZUBOV, N. N., and O. I. MAMAEV. [A dynamic method of calculating the elements of ocean currents] Dinamicheskii metod vychisleniia elementov morskikh techenii. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 14 p.

## 13. SCIENCE

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut zoologii i parazitologii. [Acclimatization of fur-bearing animals in Kirghizistan] Akklimatizatsiia pushnykh zverei v Kirgizii; sbornik statei. Frunze, 1956. 129 p.

AKADEMIIA NAUK SSSR. Boris Aleksandrovich Arbuzov. Vstup. stat'ia A. N. Pudovika. Bibliogr. sost. N. M. Nesterovoi. Moskva, 1956. 43 p. (Materialy k biobibliografii uchenykh SSSR. Serlia khimicheskikh nauk, no. 22)

AKADEMIIA NAUK SSSR. Zoologicheskii institut. [Aids for zoological research in the field and laboratory] V pomoshch' rabotaiushchim po zoologii v pole i laboratorii. Moskva,
Vol. 1. [n. d.] 1 v.
Vol. 2. [1955] 1 v.
(DA)

BEKETOV, N. N. [Selected papers on physical chemistry] Izbrannye proizvedeniia po fizicheskoi khimii. Pod red. i so vstup. stat'ei N. A. Izmailova. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1955. 274 p.

BERG, L. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. [The history of science] Istoriia nauki. 1956. 394 p.

BERMAN, G. N. [A collection of problems for a course in mathematical analysis] Sbornik zadach po kursu matematicheskogo analiza. Izd. 6-oe, perer. i dop. Pod red. A. F. Bermanta. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 436 p.

BILIBIN, IU. A. [Principles of the geology of alluvial deposits] Osnovy geologii rossypei. Izd. 3-e. Moskva, Izd-vo Akademii nauk SSSR, 1956. 463 p.

BOLOTIN, V. V. [Dynamic stability of elastic systems] Dinamicheskaia ustoichivost' uprugikh sistem. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 600 p.

BOLTIANSKII, V. G. [Figures of equal size and construction] Ravnovelikie i ravnosostavlennye figury. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 62 p. (Populiarnye lektsii po matematike, no. 22)

BUDAK, B. M., A. A. SAMARSKII, and A. N. TIKHONOV. [A collection of problems in mathematical physics] Sbornik zadach po matematicheskoi fizike. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 683 p.

EGOROVA, I. A. [Mathematical analysis: differential equations; a manual for students in pedagogical institutes] Matematicheskii analiz: Differentsial'nye uravneniia; uchebnoe posobie dlia studentov pedagogicheskikh institutov. Leningrad, Leningradskii gos. pedagog. institut im. A. I. Gertsena, 1956. 109 p.

ERUGIN, N. P. [The Lappo-Danilevskii method in the theory of linear differential equations] Metod Lappo-Danilevskogo v teorii lineinykh differentsial'nykh uravnenii. [Leningrad] Izd-vo Leningradskogo univ., 1956. 106 p.

FEDOROV, A. A., M. E. KIRPICHNIKOV, and Z. T. ARTIUSHENKO. [Atlas of descriptive morphology of the higher plants; leaves] Atlas po opisatel'noi morfologii vysshikh rastenii; list. Pod obshchoi red. P. A. Baranova. Fotografii E. V. Sinel'nikova. Moskva, Izd-vo Akademii nauk SSSR, 1956. 301 p.

_____ [Models for the determination of principal laminar forms] Shablony dlia opredeleniia osnovnykh form plastinki lista. 3 l. (in pocket)

FRISH, S. E., and A. V. TIMOREVA. [A course in general physics] Kurs obshchei fiziki. Izd. 7-oe, ispr. Moskva, Gos. izd-vo teshniko-teoret. lit-ry.
Vol. 1. [Physical principles of mechanics. Molecular physics. Vibrations and waves] Fizicheskie osnovy mekhaniki. Molekuliarnaia fizika. Kolebaniia i volny. 1956. 463 p.

GABRIEL'IAN, G. G. [Science and its role in society] Nauka i ee rol' v obshchestve. Erevan, Armgiz, 1956. 338 p.

GIRSHVAL'D, L. [History of the invention of logarithms] Istoriia otkrytiia logarifmov. Khar'kov, Izd-vo gos. univ. 1952. 31 p.
(RPB)

GUTSEVICH, A. V. [Biting midges; bloodsucking Diptera of the Heleidae family] Mokretsy; krovososushchie dvukrylye semeistva Heleidae. Moskva, Izd-vo Akademii nauk SSSR, 1956. 60 p. (V pomoshch' rabotaiushchim po zoologii v pole i laboratorii, 3)

KABANOV, A. N. [A sketch of the physiology of higher nervous activity] Ocherk fiziologii vysshei nervnoi deiatel'nosti. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 146 p. (Pedagogicheskaia biblioteka uchitelia)

KALLER, M. IA. [The theory of electric circuits] Teoriia elektricheskikh tsepei. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 254 p.

KROTOVA, N. A. [Gluing and adhesion] O skleivanii i prilipanii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 164 p.

KORNEV, IU. V. [Radioactive atoms in science and technology] Radioaktivnye atomy v nauke i tekhnike. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 68 p. (Bibliotechka v pomoshch' lektoru)

KOSTYCHEV, S. P. [Selected works on the physiology and biochemistry of micro-organisms] Izbrannye trudy po fiziologii i biokhimii mikroorganizmov. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 2. 1956. 510 p.

LAUE, MAX THEODOR FELIX VON. [A history of physics. Translated from the German] Istoriia fiziki. Perevod s nemetskogo T. N. Gornshtein. Pod red. i so stat'ei I. V. Kuznetsova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 220 p.

LEONT'EV, F. S. [In the polar expanse; a naturalist's notebook] V prostorakh Zapoliar'ia; zapiski naturalista. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 181 p.

LEVIN, B. IA. [Distribution of roots of entire functions] Raspredelenie kornei tselykh funktsii. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 632 p.

MARTINSON, G. G. [Guide to Mesozoic and Cenozoic fresh water molluscs of eastern Siberia] Opredelitel' mezozoiskikh i kainozoiskikh presnovodnykh mollIuskov Vostochnoi Sibiri. Moskva, Izd-vo Akademii nauk SSSR, 1956. 91 p.

MIKHUKOV, V. E. [A course in thermodynamics] Kurs termodinamiki. Izd. 2-oe, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 229 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Hydrometeorological service" pavilion; a guidebook] Pavil'on "Gidrometsluzhba"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 15 p.

NADEINSKII, B. P. [Theoretical foundations and calculations in analytical chemistry] Teoreticheskie obosnovaniia i raschety v analiticheskoi khimii. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 446 p.

NIKOL'SKII, G. V. [Fishes of the Amur Basin; results of the Amur ichthyological expedition of 1945-1949] Ryby basseina Amura; itogi Amurskoi ikhtiologicheskoi ekspeditsii 1945-1949. Moskva, Izd-vo Akademii nauk SSSR, 1956. 551 p.

OKSNER, A. M. [Lichens of the Ukraine; in two volumes] Flora lyshainykiv Ukrainy; v dvokh tomakh. Kyiv, Vyd-vo Akademii nauk URSR.
Vol. 1. 1956. 404 p.

OKUNEV, L. IA. [Short course in the theory of numbers; a textbook for pedagogical institutes] Kratkii kurs teorii chisel; uchebnoe posobie dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 237 p.

PISARZHEVSKII, L. V. [The electron in chemistry; selected works] Electron v khimii; izbrannye trudy. Kiev, Izd-vo Akademii nauk USSR, 1956. 188 p.

PRANIS-PRANEVICII, I. IU. [Manual on compensation of errors in triangulation] Rukovodstvo po uravnitel'nym vychisleniiam triangulatsii. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 302 p.

PROKOF'EV, A.A. [Climate and plant productivity] Klimat i produktivnost' rastenii. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 34)

PULKOVO. ASTRONOMICHESKAIA OBSERVATORIIA. [Refraction tables of Pulkovo Observatory] Tablitsy refraktsii Pulkovskoi observatorii. Izd. 4-oe. Moskva, Izd-vo Akademii nauk SSSR, 1956. 32 p.

ROGINSKII, S. Z. [Theoretical foundation of isotopic methods of studying chemical reactions] Teoreticheskie osnovy izotopnykh metodov izucheniia khimicheskikh reaktsii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 611 p.

ROZOVA, E. A., and V. P. GRIN. [Location of epicenters of earthquakes occurring in Kirghizistan] Raspolozhenie epitsentrov zemletriasenii, proisshedshikh na territorii Kirgizii. [Frunze] Akademiia nauk Kirgizskoi SSR [1956] 36 p.

SDOBNIKOV, V.M. [Through taiga and tundra; a naturalist's notebook] Po taige i tundre; zapiski naturalista. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 230 p.

SEREDA, IA. I. [A method of group chemical analysys of the organic mass of acidic asphalts] Method analiza gruppovogo khimicheskogo sostava organicheskoi massy kislykh gudronov. Kiev, Izd-vo Akademii nauk USSR, 1956. 96 p.

SHIROKOV, P. A. [A short sketch of the fundamentals of Lobachevskii geometry] Kratkii ocherk osnov geometrii Lobachevskogo. Moskva, Gos. izd-vo tekhn.-teoret. lit-ry, 1956. 87 p.
(RPB)

SISAKIAN, N.M. [Modern concepts of metabolism] Sovremennye predstavleniia o biologicheskom obmene veshchestv. Moskva, Izd-vo "Znanie," 1956. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 33)

SKRIABIN, K.I. [Trematoda of animals and man; principles of trematodology] Trematody zhivotnykh i cheloveka; osnovy trematodologii. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 12. 1956. 932 p.

SPIRIDONOVA, N.S. [How man changes the nature of plants and animals] Kak chelovek izmeniaet prirodu rastenii i zhivotnykh. [Sverdlovsk] Sverdlovskoe kn-vo, 1955. 43 p.
(DA)

STEPANOV, B.I. [Luminescence of complex molecules] Liuminestsentsiia slozhnykh molekul. Minsk, Izd-vo Akademii nauk BSSR.
Pt. 1. 1955. 326 p.

TAKHTADZHIAN, A. L. [The higher plants] Vysshie rastenila. Moskva, Izd-vo Akademii nauk SSSR.
Vol. I. [From the psilophytes to conifers] Ot psilofitovykh do khvoinykh. 1956. 486 p.

TATARINOV, K. A. [Animals of the western provinces of the Ukraine; materials for a study of the fauna of the Ukraine] Zvirt zakhidnykh oblastei Ukrainy; materialy do vyvchennia fauny Ukrains'koi RSR. Kyiv, Vyd-vo Akademii nauk URSR, 1956. 186 p.

TRIFONOV, AN. [Atomic energy in the service of man; notes on atomic engineering and nuclear research] Atomnaia energiia - na sluzhbu cheloveku; zametki ob atomnoi tekhnike i iadernykh issledovaniiakh. Moskva, Izd-vo "Pravda," 1956. 112 p.

URAZOVSKII, S. S. [Molecular polymorphism] Molekuliarnyi polimorfizm. Kiev, Izd-vo Akademii nauk USSR, 1956. 333 p.

VASIUCHENKO, S.I. [Chemistry for technical schools] Khimiia; dlia teknikumov. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 302 p.

VORONTSOV-VEL'IAMINOV, B.A. [Astronomy; a textbook for class 10 of the secondary school] Astronomiia; uchebnik dlia X klassa srednei shkoly. Izd. 10-oe, perer. i sokrashchen. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 143 p.

VSESOIUZNYI MATEMATICHESKII S"EZD. 3, Moscow, 1956. [Proceedings of the all-Union Mathematical Congress] Trudy. . .;ilun'-ilul'. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 2. [Brief summaries of reports] Kratkoe soderzhanie obzornykh i sektsionnykh dokladov. 1956. 166 p.

ZAVARINA, M. V. [The atmosphere] Atmosfera. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 127 p.

ZAVARITSKII, A. N. [Scientific papers on meteorites] Raboty po meteoritike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 93 p.

ZIGEL', F. IU. [What are comets?] Chto takoe komety. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 30 p. (Nauchno-prosvetitel'naia biblioteka, no. 10)

## 14. MEDICINE

ANICHKOV, N.N. [Diseases of the arteries] Zabolevaniia' arterii. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 36)

GORKI. GOR'KOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. [Problems in the surgery of the stomach and esophagus] Voprosy khirurgii zheludka i pishchevoda. Pod red. E. L. Berezova. Gor'kii, 1956. 467 p.
(DAFM)

IANKELEVICH, E.I. [Gymnastics for infants] Gimnastika dlia detei grudnogo vozrasta. Moskva, Gos. izd.-vo "Fizkul'tura i sport," 1956. 68.

[MINERAL SPRINGS OF THE CAUCASUS; an album of views] Kavkazskie mineral'nye vody. Moskva, IZOGIZ, 1956. 75 p. [In Russian, English, French, and German.]

MOGIL'NITSKII, B. N., ed. [Studies on vascular permeability] Ocherki po sosudistoi pronitsaemosti. Moskva, Gos. izd-vo med. lit-ry, 1956. 370 p.
(DAFM)

SANDER, IU. K. [Technology and equipment in galena production] Tekhnologiia i oborudovanie galenovykh proizvodstv. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 735 p.

TAMBIAN, N. B. [The marathon race in the light of medical studies] Marafonskii beg v svete vrachebnykh issledovanii. Moskva, Gos. izd-vo med. lit-ry, 1956. 186 p.

VINOKUROV, K.A. [Epidemic infantile paralysis; poliomyelitis] Epidemicheskii detskii paralich; poliomielit. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 32)

VSESOIUZNYI S"EZD KHIRURGOV. 26th, Moscow, 1955. [Proceedings of the 26th All-Union Congress of Surgeons, held at Moscow January 20-29, 1955] Trudy . . .; 20-29 ianvaria. Moskva, Gos. izd-vo med. lit-ry, 1956. 703 p.
(DAFM)

ZHDANOV, V. M., and M. I. MURAV'EV, eds. [Sanitary and epidemiological station; papers on their organization and methods] Sanitarno-epidemiologicheskaia stantsiia; organizatsionno-metodicheskie materialy. Moskva, Medgiz.
Pt.3. [Prevention of communicable diseases] Profilaktika infektsionnykh zabolevanii. [195-] 1 v.
(DAFM)

## 15. AGRICULTURE

ABRAMOV, M. D., V. A. AFANAS'EV, and N. SH. PEREL'DIK., eds. [Raising fur-bearing animals] Zverovodstvo. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 615 p. (Trekhletnie kolkhoznye agrozootekhnicheskie kursy. 2. i 3. gody obucheniia)
(DA)

[AGRICULTURAL ENCYCLOPEDIA] Sel'skokhoziaistvennaia entsiklopediia. Izd. 3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 5. [T-IA.] 1956. 663 p.

AGULIAN, S.L. [Michurin apple varieties on the Leninakan Plateau in Armenia] Michurinskie sorta iablon na leninakanskom plato Armianskoi SSR. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 154 p.

AIUSHIN, B. N. [Herring survey of the northern part of the Sea of Okhotsk] Razvedka sel'di v severnoi chasti Okhotskogo moria. [Voroshilov] Primorskoe kn-vo, 1956. 49 p.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut botaniki. [Recommendation for grass seeding and irrigation of mountain pastures in the Tien Shan and Issyk-Kul provinces and the Susamyr] Rekomendatsii po vysokogornomu travosianiiu i oroshaniiu pastbishch v Tian'-Shan'skoi, Issyk-Kul'skoi oblastiakh i na Susamyre. Frunze, 1956. 11 p.
(DA)

AKUTINA, E.S. [My experience in milking cows] Moi opyt razdoia korov. Kazan', Tatknigoizdat, 1955. 15 p.
(DA)

ALEKSEEVSKII, A. N. [Nurseries for decorative trees and shrubs] Pitomniki dekorativnykh derev'ev i kustarnikov. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 217 p.

ALFEROV, V. A. [Bulbous flowers; hyacinths, tulips, lilies, narcissuses, amaryllises, hippeastrums and tuberoses] Lukovichnye tsvetochnye rastenila; giatsinty, tiul'pany, lilii, nartsissy, amarillisy, gippeastrumy, tuberozy. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 91 p.
(DA)

ARTIUSHENKO, Z.T. [Stocks] Levkoi. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 52 p.
(DA)

BARANOV, P.A., and D.A.KOREN'KOV. [Potassium fertilizers and their use] Kalilnye udobrenila i ikh primenenie. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 95 p.
(DA)

BIRKINA, N.N. [Publicizing agricultural literature in libraries] Propaganda sil'skokhospodars'koi literatury v bibliotekakh. Kharkiv, Vyd-vo Knyzhkovoi palaty URSR, 1954. 77 p.

BOCHAROV, A. T. [Advance payment of collective farm employees] Avansirovanie kolkhoznikov. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 33 p.
(DS)

BOCHAROV, I. A. [Sterility in farm animals] Besplodie sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 203 p.
(DA)

BURKIN, N.S. [Growing potatoes] Vyrashchivanie kartofelia. Kazan', Tatknigoizdat, 1955. 90 p.
(DA)

[COLLECTIVE FARM CALENDAR] Kalendar' kolkhoznika na 1956 god. Moskva, Sel'khozgiz, 1956. 1 v. (DS)

[COLLECTIVE FARM ENCYCLOPEDIA] Kolhospna vyrobnycha entsyklopediia. Vyd. 2-e, perer. i dop. Kyiv, Derzh. vyd-vo sil's'ko-hospodars'koi lit-ry URSR.
Vol. 1. Abrykos - Liutserna. 1956. 756 p.

[CORN IN 1955] Kukuruza v 1955 godu. Moskva, Gos. izd-vo selkhoz. lit-ry. (Peredovoi opyt v sel'skom khoziaistve)
No. 3. [Southern districts of the U.S.S.R.] Raiony luga SSSR. 1956. 380 p.
(DA)

[THE CRISIS IN U. S. AGRICULTURE AND THE CONDITION OF THE FARMER; a collection of articles. Translated from the English] Krizis sel'skogo khoziaistva SShA i polozhenie fermerov; sbornik materialov. Perevod N. I. Mnogolet i G. V. Kychakovoi. Predisl. E. L. Stifrina. Moskva, Izd-vo inostrannoi lit-ry, 1955. 209 p.
(DA)

DIK, M.I. [For high milk production] Za vysokie nadoi moloka. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 15 p.
(DA)

DOIARENKO, A. G. [Agriculture made interesting] Zanimatel'naia agronomiia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 181 p.
(DA)

DOLGOBORODOV, I. V., and F. A. IAKOVLEV. [Work practice of the Yelizavetino machine-tractor station in stockbreeding] Opyt raboty Elizavetinskoi MTS po zhivotnovodstvu. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 98 p.

EFREMOV, A.E. [Machine-tractor station machinery operators in the struggle for bigger crops] Mekhanizatory MTS v bor'be za vysokii urozhai. Kazan', Tatknigoizdat, 1953. 78 p.
(DA)

ENIKEEV, KH. K., and P. N. IAKOVLEV, comps. [Ivan Vladimirovich Michurin, the great transformer of nature; an album of visual instructional aids] Ivan Vladimirovich Michurin - velikii preobrazovatel' prirody; al'bom naglindnykh posobii. [Moskva] Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 76 l. (In portfolio)

_____ [Explanatory text to accompany the album] Poiasnitel'nyi tekst k al'bomu. 1956. 45 p.

GALSTIAN, A.SH. [The distribution of nitrogen and phosphorus in the cotton plant] Raspredelenie azota i fosfora v khlopchatniko. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 103 p.

GAN, P. A. [An experiment in the cultivation of white and pubescent birch in the region of the spruce forests of Tien Shan] Opyt razvedeniia berezy borodavchatoi i pushistoi v poiase elovykh lesov Tian'-Shania. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 14 p.

GERMAN, V. E. [Bird hunting in spring] Vesennaia ova, Gos. izd-vo "Fizkul'tura i

IVANOVA, V.K. [How I raised 900 calves] Kak ia vyrastila 900 teliat. [Saratov] Saratovskoe kn-vo, 1955. 9 p. (Opyt peredovikov sel'skogo khoziaistva)
(DA)

KAMALETDINOV, S. [In a consolidated collective farm] V ukrupnennom kolhoze. Kazan', Tatgosizdat, 1952. 45 p.
(DA)

KARAFA-KORBUT, I. G. [Afforestation experience in dry farming areas of the plains and foothills in the Chu valley] Opyt oblesenila bogarnykh zemel' ravnin i predgorii Chuiskoi doliny. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 34 p.

KHVOSTOVA, K.V. [For high milk production] Za vysokie nadoi moloka. [Kuibyshev] Kuibyshevskoe kn-vo, 1955. 20 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

KOLESNIKOV, I.V. [High yields of watermelons for feeding stuff] Vysokie urozhai kormovogo arbuza. Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955. folder.
(DA)

KOL'TSOV, S., and I. TIAGUCHEV. [Akmolinsk Province, a participant in the all-Union Agricultural Exhibition] Akmolinskaia oblast' - uchastnitsa Vsesoiuznoi sel'skokhoziaistvennoi vystavki. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 34 p.
(DS)

KONFERENTSIIA VETERINARNYKH NAUCHNO-ISSLEDOVATEL'SKIKH UCHREZHDENII SIBIRI, 5th Omsk, 1955. [Theses and abstracts of reports presented at the conference; June 20-23] Tezisy i referaty dokladov konferentsii; 20-23 iiunia. Omsk, 1955. 204 p.
(DA)

KOSHARNOVSKII, N. A. [Forest mensuration handbook; tables for conversion into cubic meters, cubic feet and Leningrad standards] Spravochnik po taksatsii lesomaterialov; tablitsy ob"ema lesomaterialov v kubometrakh, kubofutakh i leningradskikh standartakh. Izd. 11-oe, dop. i perer. Moskva, Goslesbumizdat, 1956. 503 p.

KOSTIUCHENKO, A. D. [Experience in raising high yields of flax; "Novaia zhizn'" Collective Farm in Bezhetsk district, Kalinin Province] Opyt polucheniia vysokogo urozhaia l'na; kolkhoz "Novaia zhizn'" Bezhetskogo raiona Kalininskoi oblasti. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 21)

KURNYSHOV, V.M. [Over-all mechanization of harvesting] Kompleksnaia mekhanizatsiia uborki. Kazan', Tatknigoizdat, 1955. 41 p.
(DA)

KUZ'MIN, I.G. [The fattening of cattle] Nagul skota. [Saratov] Saratovskoe obl. gos. izd-vo, 1952. 67 p.
(DA)

LAVRENT'EV, A.I., and L.IA. KASHEKOV. [Mechanization of the water supply on stock farms] Mekhanizatsiia vodosnabzhenila zhivotnovodcheskikh ferm. Izd. 3-e perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 205 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Raising young farm animals and poultry; a bibliography] Vyrashchivanie molodniaka sel'skokhoziaistvennykh zhivotnykh i ptitsy; rekomendatel'nyi ukazatel' literatury. Leningrad, 1956. 18 p.

LEONT'EV, V.M. [Lentils] Chechevitsa. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 85 p.
(DA)

MAL'TSEV, T. S. [Through experience to knowledge] Cherez opyt - v nauku. Izd. 2-oe, ispr. i dop. Kurgan Izd-vo "Krasnyi Kurgan," 1955. 471 p.

MAZOVER, A. P. [Raising dogs for farm use] Sobakovodstvo v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 196 p.
(DA)

MEIBOM, B.G. [Machine-tractor station zootechnicians on collective farms] Zootekhniki MTS v kolkhozakh. [Gor'kii] Gor'kovskoe kn-vo, 1955. 50 p.
(DA)

MEIBOM, B. G. [The Stalin collective farm livestock sections] Zhivotnovodcheskie fermy kolkhoza imeni Stalina. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1952. 49 p.
(DA)

[METHODS OF STATE TESTING OF VARIETIES OF FARM CROPS; vegetables, melons and squash, potatoes, and fodder root crops] Metodika gosudarstvennogo sortoispytaniia sel'skokhoziaistvennykh kul'tur; ovoshchnye, bakhchevye kul'tury, kartofel' i kormovye korneplody. Pod red. P.E.Marinicha i dr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 260 p.

MITIUSHKIN, T. S. [Analyzing the economic management of collective farms] Analiz khoziaistvennoi deiatel'nosti kolkhozov. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8. Ekonomika sel'skogo khoziaistva, vyp. 2, no. 4)

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Bashkiria" pavilion; a guidebook] Pavil'on "Bashkirskaia ASSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA. 1954- ["Cattle" pavilion; a guidebook] Pavil'on "Krupnyi rogatyi skot"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Central Chernozem provinces" pavilion; a guidebook] Pavil'on "Chernozemnye oblasti"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Central provinces" pavilion; a guidebook] Pavil'on "TSentral'nye oblasti"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 28 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Feeding stuffs and their use"; a guidebook] Korma i ikh ispol'zovanie; putevoditel'. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 29 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Georgia" pavilion; a guidebook] Pavil'on "Gruzinskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Latvia" pavilion; a guidebook] Pavil'on "Latviiskaia SSR,"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Leningrad and the northwestern provinces" pavilion; a guidebook] Pavil'on "Leningrad i Severo-Zapadnye oblasti"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 29 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Moldavia" pavilion; a guidebook] Pavil'on "Moldavskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Northeastern Provinces Pavilion (Gorkiy, Arzamas, Kirov provinces, Chuvash and Mari A. S. S. R.); a guidebook] Pavil'on "Severo-Vostochnye oblasti" (Gor'kovskaia, Arzamasskaia, Kirovskaia oblasti, Chuvashskaia i Marliskaia ASSR); putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 29 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Northern Caucasus" pavilion; a guidebook] Pavil'on "Severnyi Kavkaz"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 31 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The orchard; a guidebook] Plodovyi sad; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [Poultry breeds; based on information furnished by the all-Union Agricultural Exhibition of 1954 and 1955] Porody sel'skokhoziaistvennoi ptitsy; po materialam VSKhV 1954 i 1955 godov. [Moskva] Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1955. 135 p. (DA)

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Swine breeding" pavilion; a guidebook] Pavil'on "Svinovodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The veterinary sector; a guidebook] Veterinarnyi uchastok; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 31 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Young naturalists" pavilion; a guidebook] Pavil'on "IUnye naturalisty"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 56 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "White Russia" pavilion; a guidebook] Pavil'on "Belorusskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH LUBIANYKH KUL'TUR. [A scientific report of the All-Union Scientific Research Institute of New Fiber Crops for 1941-1942] Nauchnyi otchet... za 1941-1942 gg. Pod red. IA. M. Tollachko. Moskva, Gos. izd-vo selkhoz. lit-ry, 1946. 157 p.

NATSENTOV, D. I., and others. [Greenhouses, hotbeds, and heated soil] Teplitsy, parniki, utoplennyi grunt. [Moskva] Moskovskii rabochii, 1956. 240 p.

NIKOLAENKO, N.P. [Perennials and roses in city landscaping] Mnogoletniki i rozy v ozelenenii gorodov. Moskva, Ministerstvo kommunal'nogo khoziaistva RSFSR, 1955. 239 p.
(DA)

NIKONENKO, D. A. [Raising cabbage in the South] Kul'tura kapusty na IUge. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 82 p.
(DA)

OKNINA, E. Z., and E. I. BARSKAIA. [Practical manual for determining the planting readiness of stratified seeds of the principal fruits] Prakticheskoe rukovodstvo po opredeleniiu gotovnosti semian osnovnykh plodovykh kul'tur k posevu pri stratifikatsii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 24 p.

[ORGANOMINERAL MIXTURES FOR ALL CROPS] Organo-mineral'nye smesi pod vse kul'tury. [Moskva] Moskovskii rabochii, 1956. 110 p.

OTRYGAN'EVA, A.F. [Raising baby chicks on poultry farms] Vyrashchivanie tsypliat na ptitsefermakh. [Saratov] Saratovskoe kn-vo, 1955. 25 p. (Opyt peredovikov sel'skogo khoziaistva)
(DA)

PANOVA, L.G. [Distomatosis in farm animals] Fastsioletz sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo selkhoz lit-ry, 1956. 32 p.
(DA)

PENSKOI, I.K. [Reclaiming leached soils for agricultural purposes] Sel'skokhoziaistvennoe osvoenie promyvaemykh i promytykh zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 131 p.
(DA)

POGOSIAN, S. A. [The nature of seed bearers of old varieties of ungrafted grapevines and their hybrids] O prirode semennykh rastenii starodavnikh sortov kornesobstvennogo vinograda i ikh gibridov. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 197 p.

REPIN, A. [Drying and storing seed corn] Sushka i khranenie semennoi kukuruzy. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 48 p. (V pomoshch' agronomu na proizvodstve)
(DA)

RIABOV, I. E. [The Chinese bell flower in Kuybyshev Province] Kannitnik v Kuibyshevskoi oblasti. [Kuibyshev] Kuibyshevskoe obl. gos. izd-vo, 1950. 55 p.
(DA)

RUSSIA (1923- U. S. S. R.) Mezhduvedomstvennaia metodicheskaia komissiia po koloradskomu zhuku. [The Colorado beetle and its control] Koloradskii zhuk i mery bor'by s nim. Moskva, Izd-vo Akademii nauk SSSR, 1955. 1 v.
(DA)

RYBAKOV, A. A., ed. [Manual of norms for fruit growing, viticulture, and vegetable gardening] Normativnyi spravochnik po plodovodstvu, vinogradarstvu i ovoshchevodstvu. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 269 p.

SDOBNOV, S. I. [Origin and development of collective farm property in the U. S. S. R.] Vozniknovenie i razvitie kolkhoznoi sobstvennosti v SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 190 p.

SERGEEV, P.P. [For higher winter crop yields] Za vysokii urozhai ozimykh kul'tur. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1952. 36 p.
(DA)

SHASHKIN, I. N. [Strawberries in collective farm orchards] Zemlianika v kolkhoznom sadu. [Moskva] Moskovskii rabochii, 1956. 66 p.
(DA)

SHCHERBAKOVA, K., and IA. LASHIN. [Feed supply of the "Aleksandrovo" State Farm] Kormovaia baza sovkhoza "Aleksandrovo." [Moskva] Moskovskii rabochii, 1956. 67 p. (Bibliotechka zhivotnovoda)
(DA)

SHEREMETEVSKII, P. V. [Cucumbers] Ogurtsy. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 79 p. (Biblioteka ovoshchevoda)
(DA)

SHEVCHENKO, V. V. [Guide to the horseflies of Kazakhstan] Opredelitel' slepnei Kazakhstana. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 102 p.
(CU)

SOLNTSEV, K. M. [The care of cattle in winter] Zimnee soderzhanie skota. [Saratov] Saratovskoe kn-vo, 1954. 114 p.
(DA)

SOLNTSEV, K. M. [Stall and field-shelter system for the summer feeding of cattle] Letnee stoilovo-lagernoe soderzhanie skota. [Saratov] Saratovskoe kn-vo, 1954. 59 p.
(DA)

SOROKIN, E.M., and G.P.SHAMAEV. [Tractor operator's handbook] Spravochnik traktorista. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 637 p.

STROKOV, V. V. [The technique of using fauna in forest protection; forest biotechnique] Tekhnika ispol'zovaniia fauny dlia zashchity lesa; lesnaia biotekhnika. Moskva, Goslesbumizdat, 1956. 65 p.

TIUKINA, N.N. [Raising calves in unheated buildings] Vyrashchivanie teliat v neotaplivaemykh pomeshcheniiakh. [Kuibyshev] Kuibyshevskoe kn-vo, 1956. 14 p.
(DA)

TREIVAS, A.B. [Over-all mechanization of haying] Kompleksnaia mekhanizatsiia uborki sena. Minsk, Gos. izd-vo BSSR, 1956. 115 p.
(DA)

TROPASHKO, I. N. [Care of winter crops] Ukhod za posevami ozimykh kul'tur. Minsk, Gos. izd-vo BSSR, 1955. 100 p.
(DA)

VASIL'EV, V. L. [Spicy vegetables; parsley, celery, parsnip, dill] Priianye ovoshchi; petrushka, sel'derei, pasternak, ukrop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 50 p.
(DA)

VINOKUROV, K. V. [Toward 11 billion poods of grain] Za odinnadtsat' milliardov pudov zerna. Moskva, Gos. izd-vo polit. lit-ry, 1956. 52 p.

VOITOV, P. I. [Mechanization of vegetable cultivation] Mekhanizatsiia vozdelyvaniia ovoshchnykh kul'tur. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 164 p. (Peredovoi opyt v sel'skom khoziaistve)

VORODYEV, S. A., V. E. EGOROV, and A. N. KISELEV. [Manual for laboratory work on problems in agriculture] Rukovodstvo k laboratorno-prakticheskim zaniatiiam po zemledeliiu. Izd. 2-oe, perer. Pod red. M. G. Chizhevskogo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 320 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Control of fruit and grape pests and diseases] Zashchita plodovykh kul'tur i vinograda ot vreditelei i boleznei. Pod red. L. N. Zotsenko. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 239 p.
(DA)

ZAIKA, I.E. [Raising high yields of grain in Kirovograd Province] Vyrashchivanie vysokikh urozhaev zernovykh v Kirovogradskoi oblasti. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 22)

ZHUKOVSKII, P. M. [The origin of cultivated plants] Proiskhozhdenie kul'turnykh rastenii. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, nos. 36/39)

ZIN'KOVSKII, V.M. [Indoor cultivation of lemons] Komnatnaia kul'tura limona. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.
(DA)

ZUBRILIN, A.A. [Ensiling forage crops] Silosovanie kormovykh kul'tur. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 23)

## 16. TECHNOLOGY

ABRAMOV, S.K., M.P.SEMENOV, and A.M.CHALEICHEV. [Impounding underground water] Vodozabory podzemnykh vod. Izd. 2-oe, perer. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 255 p.

AGROSKIN, A. A., and others. [Increase of the weight of coal per cubic meter by microadditives of liquid hydrocarbon; a collection of articles] Uvelichenie nasypnogo vesa uglia mikrodobavkami uglevodorodnykh zhidkostei; sbornik rabot. Predisl. G. M. Krzhizhanovskogo. Moskva, Izd-vo Akademii nauk SSSR, 1947. 308 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut stroitel'nogo dela. [Album of details of earthquake-proof construction elements for apartment houses and public buildings] Al'bom delalei seismostoikikh konstruktsii dlia zhilykh i grazhdanskikh zdanii. Razrabotali Sh. A. Dzhibuti, Sh. G. Napetvaridze, A. L. Charaian. Tbilisi, 1952. 33 p.
(CU)

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Flotation reagents and their characteristics] Flotatsionnye reagenty i ikh svoistva. Moskva, 1956. 138 p.

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. [Fundamental problems in the theory of machines and mechanisms] Osnovnye problemy teorii mashin i mekhanizmov. Moskva, 1956. 556 p.

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. [Increasing the durability of ploughshares] Povyshenie iznosostoikosti lemekhov. Pod obshchei red. M. M. Khrushchova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 218 p.

AKADEMIIA NAUK SSSR. Institut metallurgii. [Iron alloys] Zheleznye splavy. Moskva.
Vol. 3. Kornilov, I.I. [Iron-chromium-nickel system of alloys] Splavy sistemy zhelezo-khrom-nikel'. 1956. 430 p.

AKADEMIIA NAUK SSSR. Komissiia po tekhnologii mashinostroeniia. [Automatization of the technological processes in machine construction; the machining of metals and the general problems of automatization] Avtomatizatsiia tekhnologicheskikh protsessov v mashinostroenii; obrabotka metallov rezaniem i obshchie voprosy avtomatizatsii. Moskva, 1956. 320 p.

AKADEMIIA NAUK SSSR. Laboratoriia dvigatelei. [Internal combustion piston engines; proceedings of a conference on piston engines] Porshnevye dvigateli vnutrennego sgoraniia; trudy konferentsii po porshnevym dvigateliam. Moskva, 1956. 352 p.

AKADEMIIA NAUK URSR, Kiev. Institut geologii poleznykh iskopaemykh. [Problems in the geology of oil fields] Voprosy geologii neftianykh mestorozhdenii. Kiev, 1956. 60 p.

ALEKSANDROV, L. I., N. P. ARTEMENKO, and D. I. KOSTIUK. [Cylindrical gearing; theory, calculation and design] TSilindricheskie zubchatye kolesa; teoriia, raschet i proektirovanie. Khar'kov, Izd-vo Khar'kovskogo ordena trudovogo krasnogo znameni gos. univ. im. A. M. Gor'kogo, 1956. 317 p.

ALFIMOVA, I. A., P. M. BLEKHER, and A. I. ZAITSEVA. [Problems in turning] Zadachnik po tokarnomu delu. Moskva, Vsos. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 102 p.

AMCHISLAVSKII, N.V., and S.I. PAVLOVSKII. [Finishing and grading of metals] Otdelka i sortirovka metalla. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 151 p.

ANDERSCH, O. [Concise manual on the briquetting of coal. Translated from the German] Kratkoe rukovodstvo po brikettirovaniiu uglei. Perevod s nemetskogo pod red. A. B. Pozhozhinskogo. Moskva, Ugletekhizdat, 1956. 99 p.

ANOKHIN, G.A. [Masonry] Kamennye raboty. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1950. 181 p.

ANOKHIN, P.L. [Flying models made of paper] Bumazhnye letaiushchie modeli. Moskva, Izd-vo DOSAAF, 1955. 110 p.
[MICROFILM]

ANOKHIN, V.I. [Soviet automobiles; a reference book] Sovetskie avtomobili; spravochnik. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. I. 1950. 612 p.

ARKHIPENKO, V.K. [Metal is our strength] Metall - nasha sila. Moskva, Gos. izd-vo polit. lit-ry, 1950. 46 p.

ARTIUKHOV, I.M., and S.N. SHORIN. [Gas supply] Gazosnabzhenie. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1950. 325 p.

ARTIUSHIN, S.P. [Dewatering and dust separation in coal preparation plants] Obezvozhivanie i pyleulavlivanie na ugleobogatitel'nykh fabrikakh. Moskva, Ugletekhizdat, 1950, 74 p.

ARUTIUNOV, V.O., and others. [Atlas of construction elements for direct measurement electric motors] Atlas konstruktsii elektroizmeritel'nykh priborov neposredstvennoi otsenki. Pod red. V.O. Arutiunova. Moskva, Gos. energ. izd-vo, 1950. 235 p.

[AUTOMATIC CONTROL IN ELECTRIC POWER STATIONS; the experience of electric stations of the Molotov power system in automatization of thermal processes] Avtomatika na elektrostantsiiakh; iz opyta avtomatizatsii teplovykh protsessov na elektrostantsiiakh Molotovenergo. Molotov, Molotovskoe kn-vo, 1955. 94 p.

AVAEV, S.A., S.V. GARTUNG, and A.N. SHMELEV. [Electric substations, networks, and illumination in light industry] Podstantsii, seti i osveshchenie predpriiatii legkoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1950. 430 p.

BABKOV, V.F., and A.V.GERBURT-GEIBOVICH. [Principles of soil engineering and soil mechanics] Osnovy gruntovedeniia i mekhaniki gruntov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 307 p.

BAGREEV, E.IA. [On the paths of technical progress] Na putiakh tekhnicheskogo progressa. [Sverdlovsk] Sverdlovskoe kn-vo, 1956. 85 p. (Sverdlovskaia oblast' v shestoi piatiletke)

BARZILOVICH, V.M. [High voltage transformers] Vysokovol'tnye transformatory toka. Moskva, Gos. energ. izd-vo, 1950. 107 p.

BATURIN, V.V. [Principles of factory ventilation] Osnovy promyshlennoi ventiliatsii. Izd. 2-oe, dop. [Moskva] Izd-vo VTaSPS Profizdat, 1956. 526 p.

["BELARUS" MTZ-1 AND MTZ-2; universal row-crop tractors] Universal'nyi propashnoi traktor "Belarus" MTZ-1 i MTZ-2; rukovodstvo po ekspluatatsii. Izd. 3-e, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 201 p.

BELIAEVA, V.A. [Home use of corn in foreign countries] Pishchevoe ispol'zovanie kukuruzy v zarubezhnykh stranakh. Moskva, Gos. izd-vo torgovoi lit-ry,

CHEKRYGIN, I.G. [Safety measures in the servicing and repairing of automobiles] Tekhnika bezopasnosti pri tekhnicheskom obsluzhivanii i remonte avtomobilei. Izd. 3-oe. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 49 p. (Tekhnika bezopasnosti na avtotransporte)

CHIZHOV, G.B. [Problems in the theory of freezing foods] Voprosy teorii zamorazhivaniia pishchevykh produktov. Moskva, Pishchepromizdat, 1956. 139 p.

DESOV, A.E. [Vibration concrete] Vibrirovannyi beton. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 220 p.

DJUGACH, B.A. [The design of railroad stations and the organization of their work] Proektirovanie zheleznodorozhnykh stantsii i organizatsiia ikh raboty. Izd. 2-oe, ispr. i dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 410 p.

DMITROVICH, A.D. [Increasing the productivity and economy of brick kilns and drying apparatus] Povyshenie proizvoditel'nosti i ekonomichnosti kirpichеobzhigatel'nykh pechei i iskusstvennykh sushilok. Minsk, Gos. izd-vo BSSR, 1956. 50 p.

DOBRYNIN, I.F. [Electrical appliances for home use] Elektropribory v byte. Izd. 2-oe, tekhnika ispravl. lit-ry, 1956. 56 p. (Nauchno-popularnaia biblioteka, no. 65)

DOLZHENKOV, A.T., and others. [Repair work] Remontnoe delo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956, 650 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

DOROKHOV, M.I., and K.I.IVANOV. [Mechanization and organization of drifting in coal mines] Mekhanizatsiia i organizatsiia prevedeniia podgotovitel'nykh vyrabotok. Moskva, Ugletekhizdat, 1956. 215 p.

DUBININ, N.O. [Cast-iron founding in metal forms] Chugunnoe lit'e v metallicheskikh formakh. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 310 p.

DUBROVIN, D.F. [Radiotelephonic communication with moving objects] Radiotelefonnaia sviaz' s podvizhnymi ob"ektami. Moskva, Gos. energ. izd-vo, 1956. 94 p. (Massovaia radiobiblioteka, no. 248)

DUL'KIN, V.IA., and A.A. ULEROV. [Submerged-melt welding of concrete reinforcements] Vannaia svarka armaturnykh zhelezobetonov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 50 p. (Novatory stroitel'noi industrii)

EMEL'IANOV, D.S. [Coal flotation] Flotatsiia uglia. Moskva, Ugletekhizdat, 1956. 112 p.

EPSHTEIN, A.M. [The electrolysis worker of aluminum plants] Elektrolizchik aliuminievykh zavodov. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 238 p.

EREMIN, A.N. [Physical characteristics of steel under cutting] Fizicheskaia sushchnost' iavlenii pri rezanii stalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 235 p.
[MICROFILM]

ERMAKOV, D.A., A.P. NEMOV, and IA.M. OSTROVSKII, eds. [Experience in operating the Kashira Hydroelectric Power Station] Opyt ekspluatatsii Kashirskoi GRES. Moskva, Gos. energ. izd-vo, 1956. 170 p.

FAKTOROVICH, IU.A. [Dispatcher control in building operations] Dispetcherskoe upravlenie stroitel'stvom. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 153 p.

[FASHIONS OF THE SEASON; autumn - winter, 1955/1956] Modeli sezona; osen'-zima 1955-56 g. [Moskva] Ob"edgprom [n.d.] 21 p.

FILIPOV, S.N. [Longitudian rolling of shaped steel] Prodol'naia prokatka periodicheskikh profilei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 124 p.

FILIPPOV, N.A. [Mixed team in the construction of large blocks foundations] Kompleksnaia brigada na montazhe krupnoblochnykh fundamentov. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 21 p. (Novatory stroitel'noi industrii)

[illegible] [illegible] [illegible] [

KARASEV, N.E. [Electricity on the collective farm] Elektrichestvo v kolkhoze. [Kuibyshev] Kuibyshevskoe kn-vo, 1955. 40 p. (Peredovoi opyt v sel'skom khoziaistve) (DA)

KARIAGIN, A. V., and G. M. SOLOV'EV. [Motorist's textbook] Uchebnik avtoliubitelia. Izd. 9-oe. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 303 p.

KASHUB, B.P. [Tractor DT-54; a operating guide] Traktor DT-54; rukovodstvo po ekspluatatsii. Izd. 3., perer. i dop. Moskva, Mashgiz, 1955. 231 p. (DA)

KHAR'KOV. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORGANIZATSII I MEKHANIZATSII SHAKHTNOGO STROITEL'STVA. [Organization diagrams for working horizontal and inclined shafts] Skhemy organizatsii provedeniia gorizontal'nykh i naklonnykh gornykh vyrabotok. Moskva, Ugletekhizdat, 1955. 143 l. [MICROFILM]

KHMEL'NITSKII, G.S. [Tables for hydraulic calculations of drainage installations] Tablitsy gidravlicheskogo rascheta vodootvodnykh sooruzhenii. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 61 p.

KHUDYKH, M. I. [Repair and installation of equipment in textile enterprises and light industries; the general part] Remont i montazh oborudovaniia predpriiatii tekstil'noi i legkoi promyshlennosti; obshchaia chast'. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 310 p.

KHUKHRIANSKII, P. N. [Pressing and bending wood] Pressovanie i gnut'e drevesiny. Moskva, Goslesbumizdat, 1956. 243 p.

KHVA, V.I. [Jigging coal in an aqueous medium] Otsadka uglia v vodnoi srede. Moskva, Ugletekhizdat, 1956. 115 p.

KIAZIMOV, IA. R., and G. E. KARASIK. [Experience in drilling extradeep offshore wells] Iz opyta burenila sverkhglubokikh skvazhin v more. Baku, Azerbaidzhanskoe gos. izd-vo neftianoi i nauchno-tekhn. lit-ry, 1955. 46 p.

KLEMENT'EV, S.D. [Low powered homemade electric motors] Samodel'nye elektrodvigateli maloi moshchnosti. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 125 p.

KLYKOV, E. V., V. I. KRYLOV, and V. M. VINOGRADOV. [MTZ-135 Matrosov system automotive brakes] Avtomaticheskii tormoz sistemy Matrosova MTZ-135. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 146 p.

KORNILOVICH, IU. E., and M. G. VERZHBITSKAIA. ["Keramzit" concrete, a progressive building material] Keramzitobeton - progressivnyi stroitel'nyi material. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekture USSR, 1955. 66 p.

KOVALEV, L.R. [The assault on the Volga] Shturm Volgi. [Kuibyshev] Kuibyshevskoe kn-vo, 1956. 31 p.

KOVALEV, N. N. [Achievements in Russian hydraulic turbine construction] Dostizhenila otechestvennogo gidroturbostroenila. Moskva, Izd-vo "Znanie," 1956. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, nos. 23/24)

KOZHEVNIKOVA, N. G. [Nutrition of children in the kindergarten; work practice of kindergarten no. 617 in Moscow] Pitanie detei v detskom sadu; iz opyta raboty detskogo sada no. 617 g. Moskvy. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 197 p.

KOZYREV, A.V., and M.A.FABRIK. [Design of amateur magnetic recorders] Konstruirovanie liubitel'skikh magnitofonov. Moskva, Izd-vo DOSAAF, 1956. 176 p.

KRZHESINSKII, A. I., and V. V. SLATINSKII. [Brief manual on mechanical drawing] Kratkoe rukovodstvo po tekhnicheskomu risovaniiu. Izd. 2-oe, ispr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry 1956. 47 p., diagrams.

KUKHTAROV, V. I. [Cold pressforming] Kholodnaia shtampovka. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 176 p.

KULIKOV, P. K. [Methods of exploring dislocations of strata] Metody poiskov smeshchennogo kryla plasta. Moskva, Ugletekhizdat, 1956. 31 p.

KUNIAEV, N.A. [The GAZ-69 automobile] Avtomobil' "GAZ-69." Moskva, Izd-vo DOSAAF, 1956. 100 p.

KURAKIN, P.G., B.A. PAULIN, and F.D.ALEKSANDROV. [The production of stationery goods in printing plants] Proizvodstvo pishchebumazhnykh izdelii v poligraficheskoi promyshlennosti. Moskva, Gos. izd-vo "Iskusstvo," 1956. 214 p.

KUZ'MIN, I.I. [Gypsum and slag wall facings for stair wells] Oblitsovka lestnichnykh kletok gipsoshlakovymi plitami. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 29 p. (Novatory stroitel'noi industrii)

KUZ'MIN, P.I. [Selection and calculation of throttles for control units] Vybor i raschet drossel'nykh regulriuiushchikh organov. Moskva, Gos. energ. izd-vo, 1956. 111 p.

KUZNETSOV, E.K. [Telephone apparatus] Telefonnye apparaty. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 296 p.

KUZNETSOV, P.V. [Installation of high tension distributors] Montazh raspredelitel'nykh ustroistv vysokogo napriazhenila. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 223 p.

KUZNETSOV, R.S. [Low tension distributors] Apparaty raspredelitel'nykh ustroistv nizkogo napriaznenila. Moskva, Gos. energ. izd-vo, 1956. 335 p.

LABUTIN, A.L. [Corrosion and methods for protecting equipment in the synthetic rubber industry] Korroziia i sposoby zashchity oborudovanila v promyshlennosti sinteticheskogo kauchuka. Pod red. G.V.Sagalaeva. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1955. 137 p. (Korroziia v khimicheskikh proizvodstvakh i sposoby zashchity, no. 3)

LEBEDEV, I.V. [The technique and instruments for ultrahigh frequency] Tekhnika i pribory sverkhvysokikh chastot. Moskva, Moskovskii energ. institut im. V.M.Molotova.
Sec. 2. [Wave guide technique and hollow resonators] Tekhnika volnovodov i polykh rezonatorov. 1956. 174 p.

LEBEDEV, P.D., and A.A.SHCHUKIN. [Industrial heat engineering] Promyshlennaia teplotekhnika. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 384 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [What to read on gas welding and cutting in order to improve one's qualifications; a bibliography] Chto chitat' gazosvarshchiku i gazorezchiku dlia povysheniia kvalifikatsii; rekomendatel'nyi ukazatel' literatury. Leningrad, 1956. 41 p.

LEVENSON, E.M., IU.M.GONIKBERG, and T.A.VVEDENSKII. [Construction of measuring devices and instruments in machine building] Konstruirovanie izmeritel'nykh prisposobleniI i instrumentov v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 384 p.

LIKIN, V.V. [Installation of metal construction elements in hydraulic construction] Montazh metallicheskikh konstruktsii gidrotekhnicheskikh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 275 p.

LIPSHITS, N. V. [Organization and maintenance of AT-176sh automatic loom] Ustroistvo i obsluzhivanie avtomaticheskikh tkatskikh stankov AT-176sh. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 137 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

LIUBIMOV, S.E. [For the industrialization of construction] Za industrializatsiiu stroitel'stva. Moskva, Gos. izd-vo polit. lit-ry, 1956. 60 p.

LUKNITSKII, V.V. [A manual of problems for heat technicians of electric power plants] Zadachnik po teplovym elektricheskim stantsiiam. Izd. 2-oe, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 232 p.

[MACHINERY FOR TILLAGE] Pochvoobrabatyvaiushchie mashiny. Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1956. 63 p.

MAKAROV, V.N., and V.IA.SIMONOV. [Mechanically powered take-off for gliders] Mekhanizirovannyi vzlet planera. Moskva, Izd-vo DOSAAF, 1956. 140 p.

MANEVSKII, E.S., V.S.MUZYLEV, and N.D.MUSHTAKOV. [Experience in operating diesel electric railroad power stations] Opyt obsluzhivanila dizel'nykh zheleznodorozhnykh elektrostantsii. Pod obshchel red. S.A.Kolosova. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 62 p.

[MANUAL FOR ELECTRICIANS AND INSTALLERS IN THE COMMUNICATION SYSTEM] Pamiatka elektromekhaniku i monteru sviazi. Izd. 4-oe, perer. Moskva, Gos. transp. zhel-dor. izd-vo, 1953. 78 p. (Rabota zheleznykh dorog v zimnikh uslovliakh)

MARGOLIN, I. S., and E. V. CHEBOTAREV. [Economy, calculation and standardization of electric power in city transportation systems] Ekonomiia, uchet i normirovanie elektroenergii na gorodskom elektrotransporte. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 97 p.

MARKELOV, V.V. [Installation of electric power and lighting equipment] Montazh silovogo i osvetitel'nogo elektrooborudovanila. Izd. 2-oe, ispr. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 133 p.

MARTYNOV, A. K., and D. S. GORSHENIN. [A practical manual for aerodynamical laboratories] Rukovodstvo k prakticheskim zaniatiiam v aerodinamicheskoi laboratorii. Moskva, Gos. izd-vo obor. promyshl., 1956. 136 p.

MATVEEVA, L.E. [Aids for rural electricians; a bibliography] V pomoshch' sel'skomu elektrifikatoru; kratkii rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1955. 46 p. (Pomoshch' sel'skim rabochim professiiam, no. 1) (DA)

MAZEL', S.I., and V.A.DANILOV. [City telephone lineman] Monter-spaleshchik gorodskikh telefonnykh setei. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 112 p. (Posobiia dlia sviazistov massovykh professii)

MIASNIKOV, K.A., and I.S.SHUR. [Principles governing the designing of glass factories] Osnovy diplomnogo proektirovanila stekol'nykh zavodov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1955. 471 p.

——— [Collection of designs; a supplement to the text] Al'bom chertezhei; prilozhenie k uchebniku. 1955. 57 p.

MIRONOV, I. A. [Safety engineering in dyeing and finishing cotton materials] Tekhnika bezopasnosti v krasil'no-otdelochnom khlopchatobumazhnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1956. 174 p.

[MODEL E-2001 EXCAVATOR] Ekskavator model' E-2001. Moskva, Vses. ob"edinenie mashinoeksport [n. d.] [14] p. [Parallel texts in Russian and English.]

MONES, I. M. [Construction and assembly work in water supply and sewerage] Proizvodstvo stroitel'no-montazhnykh rabot po vodoznabzheniiu i kanalizatsii. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 350 p.

MOSCOW. GOSUDARSTVENNYI INSTITUT PO PROEKTIROVANIIU MASHINOSTROITEL'NYKH ZAVODOV. [A manual for designers of machine construction plants] Spravochnik proektanta mashinostroitel'nykh zavodov. Sost. pod rukovodstvom B.L.Aizenberg. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 3. [The designing of various industrial and auxiliary shops] Proektirovanie raznykh proizvodstvennykh i vspomogatel'nykh tsekhov. 1946. 307 p.

MOSCOW. GOSUDARSTVENNYI VSESOIUZNYI DOROZHNO-ISSLEDOVATEL'SKII INSTITUT. [The experience of leaders in road building] Opyt peredovikov dorozhnogo stroitel'stva. Pod red. A.A.Arsen'eva. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry.
No. 1. 1956. 82 p.

MOSCOW, GOSUDARSTVENNYI VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Technology and organization of the technical servicing of automobiles] Tekhnologiia i organizatsiia tekhnicheskogo obsluzhivaniia avtomobilei v avtokhoziaistvakh. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 279 p.

MOSCOW, INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. [Accelerometer A-2. An instrument for indicating overloading. Vibrograf V11] Akselerometr A-2, Pribory dlia registratsii peregruzok, Vibrograf V11. Moskva, 1955. 18 p. (Pribory i stendy. Tema no. 1, no. PS-56-489)

MOSCOW, TSENTRAL'NYI INSTITUT INFORMATSII CHERNOI METALLURGII. [Steel industry of capitalist countries] Chernaia metallurgiia kapitalisticheskikh stran. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Pt. 6. Levin, E.B. [Coal-tar chemical industry] Koksokhimicheskoe proizvodstvo. 1956. 351 p.

MOSCOW. TSENTRAL'NYI INSTITUT INFORMATSII PO STROITEL'STVU. [Equipment used in western Europe to purify waste water] Sooruzhenila dlia ochistki stochnykh vod v stranakh zapadnoi Evropy. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 80 p.

MOSCOW. TSENTRAL'NYI INSTITUT INFORMATSII PO STROITEL'STVU. [Experimental and demostration construction (a frameless large-panel house in Bereznlki; an apartment house of large brick-blocks in Moscow; a warehouse of frame and blocks for the "Molodaia Gvardiia" printing establishment)] Opytno-pokazatel'noe stroitel'stvo (beskarkasnyi krupnopanel'nyi dom v Bereznikakh; zhiloi dom iz krupnykh kirpichnykh blokov v Moskve; karkasno-blochnoe zdanie sklada izdatel'stva "Molodaia gvardiia"). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PROMYSHLENNYKH SOORUZHENII. [Studies on problems of construction mechanics and the theory of plasticity; a collection of articles] Issledovaniia po voprosam stroitel'noi mekhaniki i teorii plastichnosti; sbornik statei. Pod red. A.R. Rzhanitsyna. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 326 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The Moscow exhibition of new building techniques at the south entrance of the all-Union Agricultural Exibition] Moskovskaia vystavka novoi stroitel'noi tekhniki u iuzhnogo vkheda Vsesoiuznoi sel'skokhoziaistvennoi vystavki. [Moskva] Izd-vo "Moskovskaia pravda," 1955. 85 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTRUMENTAL'NYI INSTITUT. [Design of cutting tools] Konstruirovanie rezhushchego instrumenta. Pod red. G.I.Granovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 114 p.

NAIFEL'D, M. R. [Protective grounding in electric engineering establishments] Zashchitnye zazemlenila v elektrotekhnicheskikh ustanovkakh. Moskva, Gos. energ. izd-vo, 1956. 159 p.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO LESNOI PROMYSHLENNOSTI. [Innovations in the technique of using wood cutting tools] Novoe v tekhnike ekspluatatsii derevorezhushchego instrumenta. Moskva, Goslesbumizdat, 1956. 178 p.

NIKITINA, E. I. [Accelerated semimicrochemical methods for analyzing metals and alloys] Uskorennye polumikrokhimicheskie metody analiza metallov i splavov. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 306 p.

NOSOVSKII, E. M. [Experience of collective Stakhanovite work in a port] Opyt kollektivnoi stakhanovskoi raboty porta. Moskva, Izd-vo Ministerstva rechnogo flota SSSR, 1951. 69 p.
(NNC)

OVSIANNIKOV, E. A. [The experience of enterprises of the Transcarpathian Lumber Trust; exploitation of mountain cutting-areas according to graphs of the cycle of operations; mechanizing the skidding of timber] Opyt predpriiatii tresta Zakarpatlesprom; (razrabotka gornykh lesosek po grafiku tsiklichnosti; mekhanizatsiia trelevki lesa). Moskva, Goslesbumizdat, 1956. 48 p. (Grafik tsiklichnosti na lesozagotovkakh)

OVSIANNIKOV, N. G. [The reconstruction of the Volga River and its tributaries] Rekonstruktsiia Volgi i ee pritokov. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 5)

OZEROV, B. V. [Design and operation of roving machinery for comb spinning fine wool] Ustroistvo i obsluzhivanie mashin rovnichnogo assortimenta grebennogo priadeniia tonkoi shersti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 238 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

PALKIN, R. I. [Machinist's work in the repair of building machinery] Slesarnye raboty pri remonte stroitel'nykh mashin. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 179 p. (Spravochnye posobiia dlia rabochikh i masterov)

PESTOV, G. N. [Mechanization of labor-consuming work in the laying of cables without using trenches] Mekhanizatsiia tiazhelykh rabot pri bestransheinom vypolnenii kabel'nykh perekhodov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 60 p. (Leksii po tekhnike sviazi)

[PHYSICAL METALLURGY AND THE HEAT TREATMENT OF STEEL AND IRON; a reference book] Metallovedenie i termicheskaia obrabotka stali i chuguna; spravochnik. Pod red. N. T. Gudtsova, M. L. Bernshteina, A. G. Rakhshtadta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 1204 p.

PIATLIN, M. P. [Mine surveying during mine construction] Marksheiderskie raboty pri stroitel'stve shakht. Moskva, Ugletekhizdat, 1956. 175 p.

PLATONOV, P.N., and K.I. KUTSENKO. [Mechanization of the loading and unloading of goods in sacks] Mekhanizatsiia pogruzki i vygruzki zatarennykh v meshki gruzov. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1955. 83 p.
(DA)

PLESHAKOV, V.D. [Removing hydrogen sulphide from artesian water] Udalenie serovodoroda iz artezianskikh vod. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 30 p.

POLIAKOV, I.L., P.P.BABIN, and V.IA.ANILOVICH. [AG dewatering screens; their theory, construction and operation] Obezvozivaiushchie amortizatsionnye grokhoty AG; teoriia, konstruktsiia, ekspluatatsiia. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 116 p.

PREIS, V., and others. [Mechanization and automatization of production; the experience of the Tula machine construction plant] Mekhanizatsiia i avtomatizatsiia proizvodstva; iz opyta Tul'skikh predpriiatii mashinostroeniia. [Tula] Tul'skoe kn-vo, 1956. 95 p.

PRIIMAK, I. A., B. IA. RIABIN'KII, and I. E. MOSHKEVICH. [The organization of steel industry] Organizatsiia metallurgicheskogo proizvodstva. Pod nauchnoi red. I. A. Priimaka. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 438 p.

PRIVEZENTSEV, V. A. [The production of power cables] Proizvodstvo silovykh kabelei. Izd. 5-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 488 p.

[PROPOSALS FOR INCREASING THE EFFICIENCY OF RADIO COMMUNICATION, RADIOBROADCASTING, AND THE ESTABLISHMENT OF RADIO COMMUNICATION FACILITIES] Ratsionalizatorskie predlozhenila po radiosviazi, radioveshchaniiu, radiofikatsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 123 p.

PROZOROV, L. V. [The pressing of steel] Pressovanie stali. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 263 p.

PSHENICHNIKOV, S.N. [Reinforced concrete bridge spans placed on structures made of fitted blocks] Zhelezobetonnye proletnye stroeniia, sobiraemye navesnym sposobom iz zaranee izgotovlennykh blokov. Moskva, Nauchno-tekhn. izd.-vo avtotransp. lit-ry, 1956. 49 p.

PSHENNIKOV, N. V., and others. [A manual of macaroni production] Spravochnik po makaronnomu proizvodstvu. Pod red. V. V. Luk'ianova. Moskva, Pishchepromizdat, 1956. 473 p.

RADOVSKII, M. I. [Aleksandr Stepanovich Popov; a biographical sketch] Aleksandr Stepanovich Popov; biograficheskii ocherk. Moskva, Izd-vo Akademii nauk SSSR, 1956. 205 p. (Nauchno-populiarnaia serila)

RAISKII, S.M., and V.F.SMIRNOV. [Physical principles of a method of radioactive indicators; a practical manual] Fizicheskie osnovy metoda radioaktivnykh indikatorov; rukovodstvo k prakticheskim rabotam. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 335 p.

RAVINSKII, L.M. [Use of the suction dredge apparatus 1000-80 in the construction of the Kakhov hydroelectric power station] Opyt rabory zemlesosnogo snariada 1000-80 na stroitel'stve Kakhovskoi GES. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 52 p.

REINBERG, S.A. [Problems in economizing on wood] Voprosy ekonomii drevesiny. Moskva, Goslesbumizdat, 1956. 207 p.

REUT, V. F. [Creative collaboration] Tvorcheskoe sodruzhestvo. Moskva, Gos. izd-vo polit. lit-ry, 1956. 38 p.

RIABOV, N. F. [Repair of industrial equipment] Remont promyshlennogo oborudovaniia. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 276 p.

RIABTSEV, N. I. [Natural and synthetic gases] Estestvenye i iskusstvennye gazy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 327 p.

ROGOVSKAIA, N. V. [Methods of hydrogeological and geological engineering studies in irrigation systems] Metodika gidrogeologicheskikh i inzhenerno-geologicheskikh issledovanii na massivakh oroshenila. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 135 p.

RUDERMAN, A. G. [Masonry work in cold weather] Proizvodstvo kamennykh rabot v zimnikh usloviiakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p.

RUDNITSKII, A. A. [Thermoelectric properties of precious metals and their alloys] Termoelektricheskie svoistva blagorodnykh metallov i ikh splavov. Moskva, Izd-vo Akademii nauk SSSR, 1956. 146 p.

RUPPENEIT, K. V. [Mechanical characteristics of rock] Mekhanicheskie svoistva gornykh porod. Moskva, Ugletekhizdat, 1956. 321 p.

RUSSIA (1923- U.S.S.R.) Glavryblorg. [A collection of technological instructions, recipes and technical specifications for fish products] Sbornik tekhnologicheskikh instruktsii, retseptur i tekhnicheskikh uslovii na rybnuiu kulinariiu. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 223 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennoe nauchno-tekhnicheskoe izdatel'stvo literatury po tsvetnoi promyshlennosti. [A short list of subjects for manuscripts to be submitted during the period 1957-1960] Kratkii perechen' tem dlia podgotovki rukopisei na 1957-1960 gg. Moskva, Ugletekhizdat, 1956. 20 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Engineering instructions for construction and installation work] Tekhnicheskie usloviia na proizvodstvo i priemku stroitel'nykh i montazhnykh rabot. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture.
Section 10. [Special foundations] Ustroistvo spetsial'nykh osnovanii. 1956. 90 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. [Safety regulations in petroleum fields and ozocerite mines] Pravila bezopasnosti v neftianykh i ozokeritovykh shakhtakh; obiazatel'ny dlia vsekh ministerstv, vedomstv, organizatsii i predpriiatii, vedushchikh razrabotku neftianykh i ozokeritovykh mestorozhdenii podzemnym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 270 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. [Instructions for calculating and designing foundations of blast furnaces] Instruktsiia po raschetu i proektirovaniiu fundamentov domennykh pechei. (I 201-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 60 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. Tekhnicheskoe upravlenie. [Provisional instructions for electric slag vat welding of armatures for reinforced concrete construction] Vremennye ukazaniia po dugovoi vannoi i elektroshlakovoi svarke stykov armatury zhelezobetonnykh konstruktsii. (U 141-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 43 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo sviazi. [Handbook for electrocommunications engineering] Inzhenerno-tekhnicheskii spravochnik po elektrosviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio.
Vol. 7. [Radio relay systems]
Radiorelelnye linii. 1956. 172 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo sviazi. [Interdepartmental norms and estimates in construction and installation work] Mezhduvedomstvennye normy i rastsenki na stroitel'nye i montazhnye raboty. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture.
Sec. 64. [Installation of cable communication equipment] Montazh oborudovaniia provodnoi sviazi. 1956. 101 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo tekstil'noi promyshlennosti. Tekhnicheskoe upravlenie. [Technical control in cotton spinning; instructions] Tekhnicheskii kontrol' v khlopkopriadenii; sbornik instruktsii. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1956. 250 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo tiazhelogo mashinostroeniia. Tekhnicheskii otdel. [Steel industry equipment; a catalog and reference book] Metallurgicheskoe oborudovanie; katalog-spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 3. 1957. 299 p.
[MICROFILM]

RUSSIA (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Unprocessed furs; spring varieties] Pushno-mekhovoe syr'e: Vesennie vidy; gosudarstvennye standarty. Izd. ofitsial'noe. Moskva, 1956. 63 p.

RUSSIAN, S.V., and N.N. GOLOVANOV. [Technology and organization of precision casting] Tekhnologiia i organizatsiia proizvodstva tochnogo lit'ia. [Leningrad] Gos. izd-vo sudostroit. lit-ry, 1953. 138 p
[MICROFILM]

RUSSO, V. L. [The welding of aluminum and its alloys] Svarka aliuminiia i ego splavov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 130 p.

SAF'IAN, M.M. [Continuous hot sheet rolling mills] Nepreryvnye listovye stany goriachei prokatki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 239 p.

SAFONOV, A. P. [Heating system problems] Zadachnik po teplovym setiam. Moskva, Gos. energ. izd-vo, 1956. 191 p.

SAMARIN, A. M. [Physical and chemical principles of the deoxidizing of steel] Fiziko-khimicheskie osnovy raskisleniia stali. Moskva, Izd-vo Akademii nauk SSSR, 1956. 160 p.

SHAPOSHNIKOV, D.E. [Dies for crank forging and stamping presses; the experience of the Moscow light automobile plant] Shtampy krivoshipnykh kovochno-shtampovochnykh pressov; opyt Moskovskogo zavoda malolitazhnykh avtomobilei. Pod red. O.I.Zaleskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 122 p.

SHATUNOV, B.N. [The manufacture of aluminumware] Proizvodstvo aliuminievoi posudy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 176 p.

SHEFTEL', N.I. [Production of calibrated and coldrolled steel] Proizvodstvo kalibrovannoi i kholodnokatanoi stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-y po chernoi i tsvetnoi metallurgii, 1956. 250 p.

SHODE, G. A. [Innovations in sawmill practice; based on foreign literature] Novoe v tekhnike lesopileniia; po dannym inostrannoi pechati. Moskva, Goslesbumizdat, 1956. 67 p.

SHVAIKOVSKII, V. V. [Manual for the beginning motorcyclist] Uchebnik nachinaiushchego mototsiklista. Izd. 2-oe, perer. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 271 p.

SIDOROV, M.A. [From shavings to electricity] Ot struzhki to elektrichestva. Pod red. N.A.Kaptsova. Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 61 p. (Nauchno-populiarnaia biblioteka, no. 56)

SIKOV, A.L., and G.E.SHEVCHENKO. [K-14 cutter loader] Ugol'nyi kombain K-14. Moskva, Ugletekhizdat, 1956. 46 p. (Novaia gornaia tekhnika)

SMIRNOV, I.N. [Hydraulic turbines] Gidravlicheskie turbiny. Moskva, Gos. energ. izd-vo, 1956. 387 p.

SMIRNOV, L. P., and N. P. SMIRNOV. [Operation of electric power systems in cities] Eksploatatsiia gorodskoi elektricheskoi seti. Moskva, Gos. energ. izd-vo, 1956. 270 p.

SOKOLOV, N. A. [Shell molding; a survey of foreign literature] Lit'e v obolochkovye formy; obzor inostrannoi literatury. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 196 p.

SOSIS, P. M. [Calculation of frames by redistribution of initial values of the unknowns] Raschet ram sposobom pereraspredeleniia nachal'nykh znachenii neizvestnykh. Izd. 2-oe, dop. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 186 p.

STADNIKOV, G.L. [Spontaneously combustible coal and rock, their geochemical characteristics and methods of identification] Samovozgoratiushchiesia ugli i porody, ikh geokhimicheskaia kharakteristika i metody opoznavaniia. Moskva, Ugletekhizdat, 1956. 476 p.

STRELETSKII, N. S. [Materials for a course in steel construction elements] Materialy k kursu stal'nykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture.
No. 1. [The work of steel in building structures] Rabota stali v stroitel'nykh konstruktsiiakh. 1956. 323 p.

[STRUCTURAL, CARBON AND ALLOYED STEEL] Konstruktsionnye uglerodistye i legirovannye stali. Moskva, Vses. importno-eksportnoe ob"edinenie "Promsyr'eimport" [n.d.] 23 p.

SUDENKO, A.M., and A.F.TSAREVSKII. [Problems of economizing electric power in coal preparation plants] Voprosy ekonomii elektroenergii na ugleobogatitel'nykh fabrikakh. Moskva, Ugletekhizdat, 1956. 70 p.

["SUN STONE"; a sketch of the film] Solnechnyi kamen'; ocherk o fil'me. [Moskva] Iskusstvo [1956] 24 p. (Biblioteka sovetskogo kinozritelia)

SURGAI, V. T. [The history of mining in Kirghizistan] K istorii gornogo promysla v Kirgizii. Frunze, Izd-vo Kirgizskogo filiala Akademii nauk SSSR, 1951. 23 p.

TERPIGOREVA, V. D., and S. D. MATVEEV. [Mining engineering; a textbook for translating mining engineering literature from English to Russian] Mining mechanical engineering. Gornaia mekhanika; uchebnoe posobie po perevodu s angliiskogo na russkii iazyk gornotekhnicheskoi literatury. Moskva, Ugletekhizdat.
Vol. 3. 1956. 326 p.

TOLCHENOV, T. V. [Technical standardization of machining, fitting and assembling operations] Tekhnicheskoe normirovanie stanochnykh i slesarno-sborochnykh rabot. Pod red. M. M. Shakhnazarova. Izd. 3-e, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 399 p.

TOLVINSKII, V. A. [Direct current electric machinery] Elektricheskie mashiny postoiannogo toka. Moskva, Gos. energ. izd-vo, 1956. 460 p.

TORGONSKII, M. N. [Structures for forest roads] Iskusstvennye sooruzheniia lesovoznykh dorog. Moskva, Goslesbumizdat, 1956. 151 p.

TOROPOV, K.V. [Rifle-ranges] Strelkovye tiry; ustroistvo i oborudovanie strelkovykh tirov ikh strel'by iz malokalibernogo i boevogo oruzhiia. Moskva, Izd-vo DOSAAF, 1956. 120 p.

TOROPOV, N. A. [Cement chemistry] Khimiia tsementov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 270 p.

TOVBIN, M. N. [Intermittent oscillator; for television adjustment] Generatory kachaiushcheisia chastoty; dlia nastroiki televizorov. Moskva, Izd-vo DOSAAF, 1956. 80 p.

TRAKHTENGERTS, A.IA, and V.F.KOBAENKOV. [Accounting for the material and equipment supply in major construction] Uchet predmetov material'no-tekhnicheskogo snabzhenia v kapital'nom stroitel'stve. Pod obshchei red. F.A.Moskovskogo. Moskva, Gos. energ. izd-vo, 1956. 136 p.

TSIKERMAN, L. IA. [Calculating supports and anchors for pressure conduits] Raschet uporov i iakorei napornykh truboprovodov. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 103 p.

TSYDZIK, V. E. [A study of compressing machinery; collected papers] Issledovanie kompressornykh mashin; sbornik nauchnykh rabot. Moskva, Mashgiz, 1956. 114 p.
(NNC)

TURKIN, V.S., ed. [The uses of prestressed reinforced concrete abroad; based on the International Congress on Prestressed Reinforced Concrete Construction held in Dresden, August 30 to September 4, 1954] Zarubezhnaia praktika primeneniia sbornogo zhelezobetona; po materialam Mezhdunarodnogo kongressa po sbornym zhelezobetonnym konstruktsiiam, proiskhodivshego v g. Drezdene s 30 avgusta po 4 sentiabria 1954 g. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 122 p.

UETSKII, M. I. [Papermaking machines and their operation] Bumagodelatel'nye mashiny i rabota na nikh. Izd. 2-oe, perer. Moskva, Goslesbumizdat, 1956. 222 p.

URAL'SKII MASHINOSTROITEL'NYI ZAVOD, Sverdlovsk. [Machine-building technology; foundry production] Tekhnologiia mashinostroeniia; liteinoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 50 p. (Obmen tekhnicheskim opytom)
[MICROFILM]

VAINSHTEIN, G.R. [Tetraethyl lead and methods for detecting it in the air] Tetraetilsvinets i metody ego opredeleniia v vozdukhe. Baku, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Azerbaidzhanskoe otd-nie, 1956. 25 p.
[MICROFILM]

VASIL'EV, M.V. [Water works for us] Voda rabotaet. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 39 p. (Nauchno-populiarnaia biblioteka, no. 54)

VASIL'EV, V.S., and V. A. MINAEV-TSIKANOVSKII. [A review of the equipment used in foreign mechanized laundries] Obzor oborudovaniia zagranichnykh mekhanicheskikh prachechnykh. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 72 p.

VEINIK, A. I. [Technical thermodynamics and principles of heat transmission] Tekhnicheskaia termodinamika i osnovy teloperedachi. Pod red. A. A. Gukhmana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry chernoi i tsvetnoi metallurgii, 1956. 448 p.

VELIKANOV, D. P. [Operational characteristics of Soviet automobiles] Eksploatatsionnye kachestva otechestvennykh avtomobilei. Izd. 2-oe, dop. i perer. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 236 p.

VIKTOROV, A. M. [Study of concrete at hydraulic structures] Naturnye issledovanii betona v gidrotekhnicheskikh sooruzheniiakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 29 p.

VINTER, A.V., and A.B. MARKIN. [The electrification of our country] Elektrifikatsiia nashei strany. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 275 p.

VIRGINSKII, V.S. [George Stephenson, an outstanding English engineer and inventor; on the 175th anniversary of his birth] Dzhordzh Stefenson - vydaiushchiisia angliiskii inzhener-izobretatel'; k 175-letiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 27)

VITENBERG, M. I. [Computation for electromagnetic relays of automatic control and telecommunication systems] Raschet elektromagnitnykh rele dlia apparatury avtomatiki i sviazi. Moskva, Gos. energ. izd-vo, 1956. 464 p.

VORONIN, V. N., and L. D. VORONINA. [Ventilation of ore mines after blasting] Provetrivanie metallicheskikh rudnikov posle vzryvnykh rabot. Moskva, Izd-vo Akademii nauk SSSR.
Pt. 2. [Instructions for the ventilation of stopes] Instruktsiia po provetrivaniiu ochistnykh vyrabotok. Pod nauchnym rukovodstvom i red. A. A. Skochinskogo. 1940. 104 p.

VOSTOKOV, A. I., and I. P. LEPESHKIN. [The manufacture of sugar from beets] Proizvodstvo sakhara iz svokly. Moskva, Pishchepromizdat. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)
No. 3. [Juice and syrup purification] Ochistka soka i siropa. 1955. 56 p.

VSESOIUZNOE NAUCHNO-TEKHNICHESKOE OBSHCHESTVO MASHINOSTROITEL'NOI PROMYSHLENNOSTI. Belorusskoe respublikanskoe otdelenie. [The White Russian machine builder; a collection of technological information] Mashinostroitel' Belorussii; sbornik nauchno-tekhn. informatsii. Minsk, Gos. izd-vo BSSR, 1955. 149 p.
[MICROFILM]

VSESOIUZNOE NAUCHNO-TEKHNICHESKOE OBSHCHESTVO MASHINOSTROITEL'NOI PROMYSHLENNOSTI. Gor'kovskoe oblastnoe otdelenie. [New method of heat treatment in fused salts and alkalies; a collection of articles] Novye metody termicheskoi obrabotki v rasplavlennykh soliakh i shchelochakh; sbornik statei. Pod red. A. I. Zot'eva. [Gor'kii] Gor'kovskoe kn-vo, 1956. 264 p.

ZALMANZON, L. A., and B. A. CHERKASOV. [Control of gas turbine and direct flow air-jet engines] Regulirovanie gazoturbinnykh i priamotochnykh vozdushno-reaktivnykh dvigatelei. Moskva, Gos. izd-vo obor. promyshl., 1956. 374 p.

ZHELEZNIAK, D.M. [Electrodes with steel powder in their coating] Elektrody so stal'nym poroshkom v pokrytii. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1956. 55 p. (Novatory stroitel'noi industrii)

ZHERVE, G.K. [Calculating the rewinding of asynchronous motors] Raschet asinkhronnogo dvigatelia pri peremotke. Izd. 2-oe. Moskva, Gos. energ. izd-vo, 1956. 151 p.

ZOREV, N.N. [Mechanical problems in the process of cutting metals] Voprosy mekhaniki protsessa rezaniia metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 367 p.

## 17. MILITARY & NAVAL SCIENCES

AKADEMIIA NAUK SSSR. [Optics in military science] Optika v voennom dele; sbornik statei. Pod red. S.I.Vavilova i M.V.Savost'ianovoi. Izd. 3-e, zanovo perer. i dop. Moskva,
Vol. 2. 1948. 387 p.

BRONSHTEIN, S.I., and D.G.GANAPOL'SKII. [Application of unified wholesale prices in ship repairing] Primenenie edinykh optovykh tsen v sudoremonte. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 159 p.

BUZIK, V.F., and others. [Work rhythm and uniformity in shipbuilding] Ritmichnost' i ravnomernost' sudostroitel'nogo proizvodstva. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 111 p.

FULLER, J.F.C. [The Second World War, 1939-1945; a strategic and tactical history. Translated from the English] Vtoraia Mirovaia voina, 1939-1945 gg.; strategicheskii i takticheskii obzor. Perevod s angliiskogo V.A.Gerasimova i N.N.IAkovleva. Pod red. A.D.Bagreeva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 550 p.

[HANDBOOK ON MATERIALS AND EQUIPMENT] Spravochnik po materialam i oborudovaniiu. Izd. 2-oe, ispr. i dop. Moskva, Izd-vo "Rechnoi transport."
Vol. 1. [Materials] Materialy. 1956. 439 p.

IVANOV, A.I. [Nuclear radiation of atomic explosions] IAdernye izlucheniia atomnogo vzryva. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 211 p.

KRYLOV, A.N. [Collected works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 12, pt. 2. [Bibliography] Bibliografiia. 1956. 395 p.

MAGID, A.S. [The Taman Guard Air Group] Gvardeiskii Tamanskii aviatsionnyi polk. Izd. 2-oe, dop. i perer. Moskva, Izd-vo DOSAAF, 1956. 270 p.

MIAGKOV, P.S. [Signalman] Signal'shchik. Moskva, Izd-vo DOSAAF, 1956. 61 p.

OL'KHOVSKII, V.E. [Determining a ship's position by means of radio; problems in navigation] Opredelenie mesta sudna pri pomoshchi radiotekhnicheskikh sredstv; voprosy navigatsii. Moskva, Izd-vo "Morskoi transport," 1956. 119 p.

POPOV, V.F. [Marine pipe fitting; a manual for brigades and mechanics] Izgotovlenie i montazh sudovykh sistem i truboprovodov; posobie dlia brigadirov i masterov. Moskva, Glav. red. lit-ry po sudostroeniiu, 1946. 203 p.

[SUBMARINERS; stories, sketches, recollections] Podvodniki; rasskazy, ocherki, vospominaniia. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 201 p.



1760

## 1. GENERAL

### a) SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Social Sciences]. Erivan, no. 6, June 1956.

Table of contents translated:

Dallakian, G. - From the history of the class struggle of the Baku proletariat. p. 3.
Khalatian, E. - New materials on an underground Armenian workers' organization in 1899-1901. p. 17.
Khrimlian, S., Karchikian, O., Kocharian, A. - Problems connected with the economics and organization of suburban farming supplying the city of Erivan. p. 29.
Petrosian, E. - Raffi's stories [in Armenian]. p. 37.
Antosian, S. - Cesarian dialect of the "Kn" branch [in Armenian]. p. 47.
Grigorian, G. - Ethical views of Armenian bourgeois enlighteners in the second half of the 18th century. p. 55.
Akopian, S. - Feudal ground rents in ancient and medieval Armenia [in Armenian]. p. 69.
Gabrielian, G. - Armenian Renaissance [in Armenian]. p. 91.
Nersisian, M. - Khachatur Abovian's first appearance in the press. p. 107.
Barkhudarian, V. - New works on revolutionary uprisings in 1905-1907 [in Armenian]. p. 113.
Parsamian, V. - A. Karinian's book "Outline history of Armenian journalism. p. 123.

No. 7, July 1956.

Table of contents translated:

Marukhian, Ar. - Expanded socialist renewal of productive forces on collective farms [in Armenian]. p. 3.
Muradian, D. - Page from the history of working movements in Armenia [in Armenian]. p. 19.
Bdoian, V. - Collective farm family relationships [in Armenian]. p. 25.
Bedrian, P. - Etymological analyses [in Armenian]. p. 39.
Grigorian, Gr. - Reflection of the friendship of peoples in the heroic epic David Sasunskii [in Armenian]. p. 49.
Arevshatian, S. - Grigor Tatevatsi's doctrine of the soul. p. 65.
Arutiunian, P. - Evaluation of the activity of Israel Ori and Minas-vardapet. p. 81.
Arutiunian, N. - Remarks on Urartu cuneiform writing. p. 89.
Mushegian, E. - The Bzhni inscription of 1358 [in Armenian]. p. 97.
Galstian, A. - Interesting information about the activity of Smbat Sparapet in the realm of culture. p. 101.
Agaian, TS. - A valuable work on a very important event in the history of the peoples of Transcaucasia. p. 109.
Avdal, A. - "Rugmaking in Armenia" [in Armenian]. V. Temurdzhian. p. 119.
Grigorian, K., Martirosian, L. - Seminar activity [in Armenian]. p. 125.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin], Baku, no. 3, Mar. 1956. [In Russian and Azerbaijani.]

Table of contents translated:

Abdullaev, G.B. - Determining the components of an equivalent electric circuit of semiconductor rectifiers. p. 3.
Babalian, G.A., Kuliev, A.M. - Relation of residual water saturation to polar admixtures in petroleum and petroleum products. p. 11.
Appu, G.B. - Transfer of hydrostatic pressure in contacts between particles of clayey soil. p. 21.
Gurvich, M.M. - Efficient carbon-alkaline reagent (USHCHR). p. 43.
Seid-Zade, A.A. - Khachatur Abovian's association with progressive representatives of social thought of Azerbaijan in the 19th century. p. 57.
Golubkina, T.I. - Four pitchers from a burial site in Mingechaur. p. 73.
Ismailov, M. - Development of capitalistic relations in viticulture and wine making of Azerbaijan at the end of the 19th century and the beginning of the 20th century. p. 91.
Mirakhmedov, Aziz. - N.G. Chernyshevskii on satire. p. 109.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 17, no. 4, 1956.

Table of contents translated:

Mikeladze, Sh.E. - Quadratic forms for regular functions. p. 289.
Dzhvarsheishvili, A.G. - Integral sequences. p. 297.
TSetskhladze, T.V., Kipiani, R.IA. - Effect of gamma rays on grape wines and cognac alcohol. p. 303.
Khaviani, D.Sh. - Characteristics of dark nebulae. p. 309.
Melikadze, L.D., Usharauli, E.A., Chavchanidze, D.G. - Crystal-forming high-molecular weight compounds found in petroleum. p. 317.
Maruashvili, L.I. - Morphology and history of the evolution of recent volcanic structures in southern Georgia. p. 321.
Balavadze, V.K. - Crack formation in lightweight reinforced concrete. p. 329.
Odisharia, K.IU. - Some characteristics of setting and development of callistemon buds. p. 337.
Tkoshelashvili, T.V. - Nematological modifications following a major resection of the small intestine. p. 343.
Akhmeteli, T.I., Kandelaki, D.I. - Problems of fat excretion in the urine caused by fat embolism. p. 351.
Bakhtadze, G.G. - Effect of convallaria majalis preparations on intenstinal interoceptors. p. 359.
Machavariani, G.I. - Cases of labialization of the vowel A in the Svanetian language. p. 365.
Pirpilashvili, P.M. - Traces of certain diseases found in paleoanthropological specimens. p. 369.
Gulisashvili, B.A. - Pure polyphony and folk music. p. 377.

Vol. 17, no. 5, 1956.

Table of contents translated:

Berikashvili, N.A. - Steenrod's generalized duality theorem. 385.
Simonia, V.T. - Representations of simple Lie algebras by two-dimensional maximal solvable subalgebras. p. 393.
Dzhaoshvili, V.Sh. - Division of lower Kartalinia into agricultural districts. p. 401.
Vartanian, K.T., Lutsenko, V.I. - Concentration of feldspar silica sands and their industrial utilization. p. 409.
Kvitsaridze, O.I., Kotetishvili, G.A. - Importance of estimated winter outdoor air temperatures for the communities of the Georgian SSR. p. 417.
Sharashidze, N.M. - Annual dynamic changes in the osmotic pressure of cell sap in evergreen foliage plants in the climatic conditions of Tiflis. p. 423.
Sanadze, G.A. - Secretion of volatile organic compounds by plants. p. 429.
Eritsian, A.A. - Study of intraspecific interrelations in wheat varieties grown in Georgia. p. 435.
Chubabria, I.T., Goderdzishvili, G.I. - Role of filariae in the etiology of the "Khutili" disease. p. 443.
Akhmeteli, L.I., Ozirishvili, G.A. - Micromorphological changes in kidneys following bilateral vagotomy. p. 451.
Abdushelishvili, M.G. - The anthropology of the Udins. p. 455.
Gamkrelidze, T.V. - Some non-Indo-European elements in the cuneiform Hittite (Nesila) language. p. 463.
Shervashidze, L.A. - "Amiran Daredzhaniadze" in mural paintings in Svanetia. p. 471.

B 1a

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 17, no. 8, 1956. [In Georgian.]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal]. Alma-Ata, vol. 12, no. 7(136), July 1956.

Table of contents translated:

Chokin, Sh.Ch. - Basic results of the scientific activity of the Academy of Sciences during the fifth five-year plan and the plan for scholarly work during the period 1956-1960. p. 3.
Koreisho, P.G. - Some features of Mesozoic volcanic activity in Northern Kazakhstan with reference to its possible diamond capacity. p. 26.
Dobrunov, L.G., Starkova, A.V., Titev, G.M. - The water cycle and productivity of corn under dry farming and irrigation conditions. p. 34.
Makarevich, K.G., Zenkova, V.A. - New data on the dynamics of glaciers in the Dzungarian Ala-Tau. p. 45.
Vladimirov, N.M. - Subsoil waters in the plains of northeastern Kazakhstan as the most available source of a water supply for new state farms. p. 60.
Binder, M.A. - Some questions for discussion connected with the writing of an "Outline history of the state and law in Soviet Kazakhstan." p. 75.
Sdobnikova, O.V. - Chromatographic analysis. p. 80.
Milent'eva, V.I., Solov'eva, V.D. - The agglomeration of lead concentrates; some properties of lead silicates. p. 98.
Taraskina, K.V., Chumbalov, T.K. - Nepodine from Tien Shan dock (Rumex tianschanicus A. Los) and horse dock (Rumex confertus Willd). p. 107.
In the Academy of Sciences of the Kazakh S.S.R. p. 112.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Bulletin] Frunze, no. 1, 1955.

Table of contents translated:

Shatemirov, K. - Efflorescence of salt on bricks and plaster of buildings. p. 3.
Kharitonov, G.V., Usubakunov, M., Purikova, V.P. - Particularities of the chemical composition of petrographic varieties of coals mined in the Kirghiz SSR. p. 13.
Fridman, LA.D. - Processing of salt rocks containing glauberite. p. 23.
Almuchamodova, M.D. - Chemical characteristics of the colloidal fractions of molasses (syrup) processed in the sugar plants of Kirghizia. p. 29.
Druzhinin, I.G., Taskaev, N.D. - Producing power-plant gas from Angren coal in fountain-type generators. p. 37.
Lugovoi, V.S. - Resonance circuits with loss compensation. p. 47.
Berlev, G.I. - Direct current differential bridge. p. 61.
Danchev, P.S. - Effect of the explosive charge shape on the area to be demolished. p. 69.
IAkovlev, V.G., Mishchenko, I.K. - Data on the electrophoretic study of serum proteins in the arteries and venous blood of cows. p. 81.
Iakovlev, V.G., and others. - Periodicity in the function of the mammary glands in absorbing and secreting substances. p. 91.
Frenkel', G.L. - Frostbite traumas. p. 103.
Marikovskii, P.I. - Behavior as a factor in the process of evolution. p. 121.
Bazhenov, N.K. - Rocky soils in the bottom lands of the Chu River and possibilities for their reclamation. p. 141.
Il'iasov, S.I. - Management of properties donated to the Church in Southern Kirghizia. p. 147.
Brief news. p. 153.

No. 2, 1955.

Table of contents translated:

Akhunbaev, I.K. - Annual report of the Academy of Sciences of the Kirghiz SSR. p. 3.
Popov, V.M. - Genesis of copper-bearing sandstones found in Northern Kirghizia and Central Kazakhstan. p. 29.

B Ia
Rosova, E. A., Korolev, V. G. - Seismic characteristics of the city of Frunze region. p. 45.
Otorbaev, K. O. - Particularities of geographical distribution of population of the Dzhalal-Abad Province of the Kirghiz SSR. p. 61.
Zablrov, R. D. - Ancient and contemporary glaciation of the Terskei Ala-Tau Mountain Ridge and level fluctuations of the Issyk-Kul Lake. p. 73.
Glushkova, M. I., Grigorenko, P. G. - The Osh Karasu Oasis; outline on physico-geographical conditions. p. 101.
Brief news. p. 113.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 26, no. 6, June 1956.
Table of contents translated:
Nesmeianov, A. N. - Tasks of the Academy of Sciences in the light of resolutions of the 20th Congress of the Communist Party of the Soviet Union. p. 3.
At the meeting in Leningrad. p. 25.
At the meeting in Novosibirsk. p. 31.
At the meeting in Moscow. p. 40.
Artobolevskii, I. I., Bykhovskii, M. L. - Program control of metalworking machines. p. 51.
Ginzburg, I. I. - Geochemical methods of prospecting for mineral resources. p. 58.
Kovalenkov, V. I. - The science and development of wire communications technology. p. 65.
Kol'man, E. - Philosophic meaning of Lobachev's geometry. p. 72.
Savarenskii, E. F. - Study of the seismicity of almost inaccessible regions; from the program of the International Geophysical Year . p. 78.
Kort, V. G. - Oceanographic research in the Antarctic. p. 82.
Verkhovskii, B. I., Noiman, M. B. - Measuring the thickness of materials by means of radioactive isotopes. p. 89.
Florenskii, K. P. - Inert gases in geochemical research of natural gases. p. 92.
Korenlako, A. I., and others. - New antibiotics. p. 95.
Tsuge, Hideomi. - Japanese scientists against testing and using nuclear weapons. p. 97.
Krasil'nikov, N. A. - Conference on antibiotics in China. p. 101.
Sedov, L. I., Nikitin, K. A. - International Conference on Rocket Engines. p. 104.
Pisarev, I. IU. - At the Third Annual Assembly of the Statistical Society of Yugoslavia. p. 107.
Academician Igor Emmanuilovich Grabar'; on the occasion of his 85th birthday . p. 111.
Academician Nikolai Nikolaevich Semenov; on the occasion of his 60th birthday . p. 113.
Measures for further improvement of leadership in scientific activity of academy branches. p. 115.
Results of admission and utilization of personnel in academy institutions. p. 116.
Organization of the Institute of World Economics and International Relations. p. 117.
Preparation of a textbook on the history of Soviet society. p. 118.
Appointments and transfers. p. 118.
Razumovich, N. N. - In the A. IA. Vyshinskii Institute of Law (meeting of the scientific council devoted to problems of legal science). p. 119.
Osmanova, Z. G. - In the A. M. Gor'kii Institute of World Literature (Oriental readings). p. 121.
Potkov, L. L. - In the Department of Chemical Sciences (general assembly). p. 122.
Protopopov, A. S. - In the Department of Historical Sciences (meeting with Finnish historians). p. 124.
Vol'kenshtein, M. V. - Development of research in high molecular weight compounds (conference in Leningrad). p. 125.
Krylov, O. V. - Using isotopes in catalysis (all-Union conference). p. 128.
Kusakov, M. M. - ... hods of studying ... roleum ... .0. ... tural re- ... ndustry ... l council on ... irocarbons).
of Sciences on the productive forces of the country. p. 24.
Fedorov, G. B. - Field operations of Soviet archaeologists during 1955. p. 32.
Mikheev, V. S. - Pipes made of a heat-resistant alloy. p. 40.
Liakhov, G. M. - New method of developing stoping faces. p. 43.
Savich, V. P. - The first medicinal preparation from lichens. p. 45.
Vinogradov, V. V. - Preparations for the International Congress of Slavicists in Moscow. p. 48.
Bulanzhe, IU. D. - Meeting with Polish geophysicists. p. 53.
Muklin, I. S. - British digital computers. p. 55.
Plaksin, I. N. - Study of ore dressing and hydrometallurgy of rare and radioactive metals. p. 57.
Fridland, V. M. - Excursion of German and Soviet soil scientists. p. 61.
Okulov, A. F. - At the philosophical conference in the German Democratic Republic. p. 64.
Work results of the assembly of the scientists' organization in Leningrad. p. 68.
Rate of progress in fulfilling the development of automatization and telemechanics of production processes. p. 69.
A. S. Popov gold medal award. p. 70.
Appointments and transfers. p. 70.
In the Department of Chemical Sciences (reports on important problems in chemistry). p. 71.
Pozdniakova, Z. V. - In the Department of Biological Sciences (discussion of results of coordinated meetings). p. 73.
In the Institute of Philosophy (discussion of problems of the institute and of the journal "Problems of philosophy."). p. 76.
Potapovskii, B. I. - In the Institute of Oriental Studies (report of the Chinese scholar, Hu Yu-chi). p. 78.
Zhofkevich, V. N. - In the K. A. Timiriazev Institute of Plant Physiology (report of the French scientist, P. Prevot). p. 79.
Pavlovskii, E. V. - In the Geological Institute (report of professor N. N. Men'shikov on the geology of Sahara). p. 80.
In the Institute of the History of Material Culture (report of the Czech archaeologist, J. Dem). p. 81.
Shvartsman, A. M. - In the Institute of Economics (report of the Argentine scholar, R. Ortis). p. 82.
Lepeshkov, I. N. - Study and use of natural polyhalite salt (conference in Moscow). p. 83.
Eremin, I. V. - Unified nomenclature in coal petrology (all-Union conference in Moscow). p. 85.
Rikhter, G. D. - Problems in the study and use of snow (conference in Nalchik). p. 86.
Cherskii, N. V. - Scientific research problems in the Yakut A. S. S. R. (meeting of the Yakut Branch of the Academy of Sciences of the U. S. S. R.). p. 87.
Davydova, L. G., Rodionov, V. M. - Nikola Tesla (on the occasion of the 100th anniversary of his birth). p. 90.
IAkovlev, M. V. - Two volume work on "The outline history of philosophical and social-political thought of the people of the U. S. S. R." p. 94.
Luchininov, S. T. - Academician A. N. Krylov's collected works. p. 100.
Shen Yu-chang. - Useful book on the geography of China. p. 103.
New books; brief annotations of publications of the Academy of Sciences of the U. S. S. R. p. 107.

Vol. 26, no. 8, Aug. 1956.
Table of contents translated:
Orlovskii, P. E. - Tasks of legal science in the light of decisions of the 20th Congress of the Communist Party of the Soviet Union. p. 3.
Uzhik, G. V. - Strength of metals at low temperatures. p. 9.
Kaverzneva, E. D. - Unsolved problems of the structure of proteins. p. 15.
Dubinin, N. P. - Problems and tasks of radiation genetics. p. 22.
Gusev, A. M. - On the Antarctic continent. p. 34.
Minaichev, N. D. - Exhibition of works of the Academy of Sciences of the U. S. S. R. p. 45.
Eremin, I. P. - Some results and tasks in studying Ivan Franko's works; on the 100th anniversary of his birth. p. 53.
In memory of V. A. Obruchev. p. 58.
Petrov, B. N., Petrov, V. V., Ulanov, G. M. - Conference on the theory of automatic control. p. 60.
Veksler, V. I. - At the conference of American physicists. p. 63.
Vainshtein, B. K. - Conference on crystallography in Madrid. p. 66.
Baranov, V. G. - Trip to Pakistan. p. 69.
Solodovnikov, V. V. - Symposium on automatic control in Milan. p. 72.
Riabushkin, T. V. - Conference of statisticians of Asiatic and Far Eastern countries in Thailand. p. 75.
Visit of the delegation of the Royal Society of Great Britain to the Soviet Union. p. 79.
Results of work of the session of academic members in Novosibirsk. p. 80.
Nominations and rating of scientific workers of the Academy. p. 82.
Development of the research work on the composition of petroleum and petroleum products. p. 82.
Practical use of the heat of the earth's interior. p. 83.
Research work on controlling soil erosion. p. 83.
Trip of the delegation of scientists of the Academy to the Rochester conference on the high-energy nuclear physics. p. 84.
Work of the construction organizations of the Academy. p. 84.
K. E. TSiolkovskii gold medal. p. 85.
Annexation of the Kiev branch of the Institute of Precision Mechanics and Computational Engineering to the Academy of Sciences of the Ukrainian S.S.R. p. 85.
Nominations and transfers. p. 85.
Celebration in honor of Academician A. N. Terenin. p. 86.
Severnyi, A. B. - At the Crimean Astrophysical Observatory; expanded observation program. p. 86.
Alferov, V. V. - At the Institute of Microbiology; scientific conference. p. 90.
Gural'nik, U. A. - At the Gor'kii Institute of World Literature; discussion on tasks of the Institute. p. 91.
In the Department of Chemical Sciences; reports on trips abroad. p. 93.
Lapidus, L. I. - Development of research in the field of high-energy nuclear physics; all-Union conference in Moscow. p. 97.
Osovets, S. M., Podgornyi, I. M. - High-voltage impulsive discharges in gases; session of the Section of Physical and Mathematical Sciences. p. 106.
Tomashov, N. D., Shchigolev, P. V. - Problems of underground corrosion; all-Union conference in Moscow. p. 108.
Alekin, O. A., Datsko, V. G., Konovalov, G. S. - Hydrochemistry of bodies of water in connection with hydraulic structures; conference in Novocherkassk. p. 110.
Sheberstov, V. I. - Problems in the chemistry of photographic emulsions; conference in Kazan. p. 111.
Moklevskii, V. A. - Development of crystallographic research; Leningrad session devoted to Fedorov. p. 112.
Baranov, V. I. - Problems of age of geological formations; session in Tbilisi. p. 114.
Emel'ianov, S. V. - Problem of the individual development of farm animals; conference in Kiev. p. 115.
Karamian, A. I. - Evolutionary physiology of the nervous system; conference in Leningrad. p. 119.
Morpert, N. IA. - History and archaeology of the northern Black Sea region; conference at the Institute of History of Material Culture. p. 123.
Reimers, F. E. - Problems of biology and agriculture in Eastern Siberia; scientific session in Irkutsk. p. 124.
Klimelevskaia, E. M. - Fiftieth anniversary of Pushkin House; anniversary sessions in Leningrad. p. 126.
Razumovskii, V. V. - V. V. Markovnikov's scientific legacy. p. 130.
Preobrazhenskii, A. V. - Useful bibliographical work. p. 133.
New books; brief summaries of books published by the Academy of Sciences of the U. S. S. R. p. 136.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Doklady [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Reports]. Stalinabad, no. 2, 1952.
Table of contents translated:
Baratov, R. B. - Aplites and pegmatites in the Varzob Valley. p. 3.
Stanlukovich, K. V., Kishkovskii, T. N. - Dependance of plants on precipitation in the Alpine zone of the Pamirs. p. 9.
Morozova, O. I. - Herbicides in a struggle against weeds in pastures. p. 13.
Narzikulov, M. N. - Big cotton aphids in Tajikistan. p. 19.
Luppova, E. P. - Chemical and biological methods for controlling Comstock flies. p. 25.
Sosnina, E. F. - Synanthropic rodents as carriers of ixodid ticks. p. 31.
Dubinin, V. B. - Adaption of feather mites to the migration and wintering of birds. p. 35.
Paradoksov, L. F. - The market fly and its role in spreading epidemic conjunctivitis. p. 41.
Rostovshchikov, S. A. - Myxosporidia of Tajikistan fish. p. 47.
Popov, A. V. - Habitat of tetraogallus in Tajikistan. p. 53.
Viller, G. E., Gainutdinova, A. G., Loronts, O. G. - Effect of adrenaline on the oxidation of blood in animals. p. 57.
Diveeva, IU. A. - Studying the indicators of the oxidation of blood in vertebrates. p. 59.
Pulatov, A. T. - Noma in Tajikistan. p. 63.
Viller, G. E., Tolokova, N. A. - Effect of mental and physical fatigue on the oxidation of blood in man. p. 69.

No. 3, 1952.
Table of contents translated:
Semenov, A. A. - "Agalyk," a Central Asiatic (Bukhara) term. p. 3.

Bogomolova, K.A. - History of the struggle for complete collectivization in Northern Tajikistan. p. 7.
Kozachkovskii, B.A. - Some problems in the history of the Senate during the reign of Peter I. p.15.
Zabelina, N.N. - Some archaeological monuments in Parkhar District. p. 21.
Ershov, N.N. - Stone clubs from burial mounds and their analogies among the Tajiks. p. 27.
Gurskii, A.V. - Carvings on rocks in the Gorno-Badakhshan Autonomous Province. p. 33.
Nurdzhanov, N.Kh. - Folk theatricals among the Tajiks in Kulyab Province. p. 39.

No. 4, 1952.
Table of contents translated:
Akhunov, M.A. - Origin of some large depressions in the eastern Pamirs. p. 3.
Pankratov, P.A. - High-speed construction of highly productive wells. p. 7.
Misnikov, K.P. - Stratigraphy of Neocene conglomerates of the Isfara cone. p. 13.
Sin'kovskii, L.P. - Renewal of desert subshrubs by seed. p. 19.
Ozhegova, V.E. - Nutrition of fish and increasing the productivity of lakes in Vakhsh Valley. p. 27.
Arav, I.M. - Fattening Karakul sheep in mountain pastures. p. 31.
Monakov, N.Z. - Echinococcus in man in southern Tajikistan. p. 37.
Barenboim, S.I., Pulatov, A.T. - Tissue therapy by the use of egg white. p. 43.
Khodzhaev, Z.P. - Medical treatment of some diseases by implanting tissue. p. 49.

No. II, 1954.
Table of contents translated:
D'iakonov, M.M. - Preliminary results of the Tajik archaeological expedition in 1953. p. 9.
Belenitskii, A.M. - Preliminary information on the works of the Pendzhikent group in 1953. p. 17.
Mandel'shtam, A.M. - Preliminary information on the works of the upper Zeravshan Valley group in 1953. p. 31.
Litvinskii, B.A., Davidovich, E.A. - Preliminary information on the works of the Khuttal' group in Kulyab Province in 1953. p. 39.
Litvinskii, B.A., Davidovich, E.A. - Preliminary information on the works of the Khuttal' group in the Vaksh Valley in 1953. p. 53.
Mandel'shtam, A.M. - Preliminary information on the works of the Kafirnigan group in 1953. p. 61.
Davidovich, E.A. - Discovery of coins in 1953 in Tajikistan. p. 69.
D'iakonov, M.M., Litvinskii, B.A. - Literature on the archaeology of Tajikistan published in 1953. p. 81.

No. 12, 1954.
Table of contents translated:
Aliev, G.A. - The twenty-fifth anniversary of the Tajik S.S.R. p. 3.
Semenov, A.A., Kozachkovskii, V.A. - Historical science in Tajikistan during the last 25 years. p. 9.
Amonov, R. - Studying Tajik epic literature. p. 15.
Nedzvetskii, A.P. - Development of a raw material supply for the Tajik ore-mining industry during the last 25 years. p. 23.
Baratov, R.B. - Monzonite in the upper Luchob Valley. p. 27.
Nikolaev, A.N. - Water resources in the soil profile of dry farm land provided with irrigation. p. 31.
Narzikulov, M.N. - Sexual generations of the big cotton aphid. p. 37.
Sychevskaia, V.I. - Biology and ecology of the Wohlfahrt fly (Wohlfahrtia Magnifica Schin.) p. 41.
Savchenko, E.N. - New species of the crane flies (Diptera, Tipulidae) from the Tajik S.S.R. p. 47.
Stepanova, N.G. - Some problems in keeping dairy cattle in stalls on southern Tajikistan collective farms. p. 53.
Korbonskaia, IA.I. - Fusarium in eucommia. p. 59.
Islamov, I.I. - Electrophoric examination of blood proteins and edematous fluid in experimental pulmonary edema in dogs. p. 65.
Olvin, I.A., Smolichev, E.P. - Rate of renewal of proteins in blood serum; electrophoretic studies. p. 71.
Erez, B.M. - Macroscopic and microscopic study of the upper cardiac branch (the depressor) in man. p. 77.

No. 14, 1955.
Table of contents translated:
Baratov, R.B. - Lamprophyres in the central part of the Varzob Valley. p. 3.
IUsupova, S., Bosov, V.D. - Correlation of indeterminate upper Tertiary formations in Southern Tajikistan. p. 7.
Proskurko, A.I. - Pyroxene amphibolites in the Dniester Valley. p. 13.
Chekhovich, V.D. - Description of fauna of Silurian formations in Isfara (Southern Fergana). p. 19.
IUsupova, S. - Colloidal minerals and their role in a paleogeographical study of the Neocene period in the southern Tajikistan lowland. p. 23.
Vertunov, L.N. - Authigenous tourmaline in Cenozoic Molasse deposits in Northern Fergana. p. 29.
Bune, V.I. - Classification of earthquakes according to the energy of compression waves radiating from the epicenter. p. 31.
Blagoveshchenskii, E.N. - Daily variation of moisture in arid soils. p. 35.
Mednik, G.L., Braginskii, B.M. - Action of folic acid combined with sulfanilamides and thiouracil on germinating wheat seeds. p. 43.
Khmel'nitskii, O.K. - Theories of the causes of death in cases of extensive thermal burns. p. 51.
Barkagan, Z.S., Ermolovich, IA.V. - Dynamics of vascular reflex reactions in cases of thyrotoxicosis treated by conservative and surgical methods. p. 59.
Popereka, M.IA. - Effect of frame hardness on the distribution of load in the components of radial bearings. p. 65.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Otdelenie obshchestvennykh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Social Sciences. Bulletin]. Stalinabad, no. 4, 1953.
Table of contents translated:
Glorious anniversary. p. 3.
Iskandarov, B.I. - History of the struggle to establish Soviet rule in Tajikistan. p. 11.
Belenitskii, A.M. - The geological-mineralogical treatise by Ibn Sina. p. 41.
Litvinskii, B.A. - Some moments in the development of medieval cities and towns in Central Asia. p. 55.
Semenov, A.A. - Some data on the economics of the empire (1469-1500) of Sultan Husain Mirza. p. 69.
Iskandarov, B.I. - Uprising of the peasant masses of Tajikistan (Eastern Bukhara) under the leadership of Vose. p. 83.
Davidovich, E.A. - Central Asian 10th century silver coins with the names of Khorasan cities. p. 97.
Kisliakov, N.A. - From the history of mountainous Tajikistan. p. 107.
Rakhimov, M. - The institution "tankho" in the Darvaza Mountain Region. p. 120.
Bertel's, E.E. - Nasiribn Khusrau and his views on poetry. p. 139.
Edel'man, A. - Some data on the scientific and philosophical views on Nasiribn Khusrau. p. 155.

No. 6, 1954.
Table of contents translated:
Aliev, G.A. - Twenty-fifth anniversary of the Tajik S.S.R. p. 5.
Niiazmukhamedov, B.N., Edel'man, A.S. - Development of Tajik philology during the last 25 years. p. 11.
Litvinskii, B.A. - Principal stages in the study of the archaeology of Tajikistan as a Soviet science. p. 51.
Pisarchik, A.K. - Ethnographic work in Tajikistan. p. 63.
Akhtamov, Kh.A. - Economy of the collective farms of Stalinabad District in Tajikistan. p. 127.
Aini, K.S. - Badr-ud-Din Hilali and his poem "Layla-u-Majnun." p. 135.

No. 7, 1955.
Table of contents translated:
Aini, K.S. - Manuscript editions of the works of Badr-ud-Din Hilali. p. 29.
Edel'man, D.I. - Predicate combinations with participles in "gT" and "I" in modern literary Tajik. p. 67.
Miller, B.V. - Reaction to the "Tajik-Russian dictionary." p. 89.
Kalontarov, IA.I. - Enrichment of the Tajik vocabulary under the influence of Russian. p. 91.
Brief news: The 70th birthday of E.I. Strus. p. 103.

No. 8, 1956.
Table of contents translated:
Editorial. p. 3.
Zhuravleva, N.S. - Land and water reform in Northern Tajikistan. p. 11.
Sharipov, IA. - Land and water reform in Southern Tajikistan (1924-1929). p. 39.
Bogomolova, K.A. - Strengthening collective farms in Tajikistan from the organizational and economic point of view. p. 47.
Sechkina, L.P. - Patriotic spirit of the workers in Tajikistan during the first months of the Great Patriotic War (June-December 1941). p. 69.
Dzhalilov, A. - The army and armament of the Sogdians on the eve of and during the fight against the Arab invasion. p. 81.
Mukhtarov, A. - Some unknown sources for the history of Central Asia in the 19th century. p. 97.
Negmatov, N. - Geographers of the 9th-11th centuries on Khodzhent and its region. p. 103.
Rakhimov, M.R. - Length and surface measurements among the Tajiks in the Obi-Khingou Valley in the 19th and at the beginning of the 20th centuries; on the history of Tajik metrology. p. 111.
Solomonov, Sh.M. - Increasing salt production in Asht District and the use of salt resources. p. 119.
Popov, A.V. - Weapons and methods of commercial hunting of the rock partridge Alectoris kakelik. p. 123.

AKADEMIIA NAUK URSR, Kiev. Visnyk [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Journal]. Kiev, vol. 21, no. 1(147), Jan. 1949. [In Ukrainian.]
Table of contents translated:
Under the great banner of Lenin and Stalin to the victory of communism. p. 3.
Omel'ianovs'kyi, O.M. - Immortal work; on the 40th anniversary of the publication of "Materialism and empirio-criticism." p. 11.
Isakovych, V.M. - For new successes in Soviet science in 1949. p. 24.
Pohrebniak, P.S. - Stalin's great plan for the transformation of nature. p. 32.
Vlasiuk, P.A. - Results of reconstruction and tasks facing institutions of the Ukrainian S.S.R. p. 38.
Svyrydenko, P.O. - The first phase in the reconstruction of institutions of the Department of Biology of the Academy of Sciences of the Ukrainian S.S.R. p. 53.
Karpenko, H.V. - The December session of the Academy of Sciences of the Ukrainian S.S.R. p. 66.
Shvets', I.T. - Problems in the over-all utilization of natural and industrial gases in the national economy of the Ukrainian S.S.R. p. 64.
Resolution of the conference for the coordination of plans for scientific research on the problem "The over-all utilization of natural and industrial gases in 1949 in the Ukrainian S.S.R." p. 69.
Brief news. p. 71.

Vol. 21, no. 2(140), Feb. 1949. [In Ukrainian.]
Table of contents translated:
Editorial: Scientific workers will carry out resolutions of the 10th Congress of the Communist Party of the Ukraine with honor. p. 3.
Mzhavanadze, V.P. - Soviet armed forces are on guard over the state interests of the socialist fatherland. p. 10.
Palladin, O.V. - Vladimir Il'ich Lenin, the creator of the Bolshevik party and Soviet state. p. 25.
Pershyn, P.M. - Lenin's teachings on the nationalization of land and its execution. p. 33.
TSiliuko, K.K. - Problems of Soviet linguistics in the Ukraine. p. 44.
Dovzhenok, V.I. - Archaeological materials concerning the agricultural history of the ancient eastern Slavs in the Ukrainian territory. p. 54.
Kondrachuk, V.IU. - Republic conference on problems in the operation of the geological service in the Ukrainian S.S.R. p. 66.
Boris Lavrent'evich Isachenko; obituary. p. 68.
Mykhailo IAkovlevych Kalynovych; obituary. p. 71.
Vladimir Petrovich Pospelov; obituary. p. 73.
In the Presidium of the Academy of Sciences of the Ukrainian S.S.R. p. 75.
In the Geological Institute. p. 76.

Vol. 24, no. 10(191), Oct. 1952. [In Ukrainian.]
Table of contents translated:
Comrade I.V. Stalin's speech at the 19th Congress of the party. p. 3.
Stalin, I. - Economic problems of socialism in the U.S.S.R. p. 6
Editorial: Great program of the development of communism. p. 53.
Popova, A.A. - Make better use of marshy grounds. p. 59.
Klytsenko, I.I., Popov, V.P. - Saturation irrigation of crops. p. 61.
Babynets', A.IE. - K.I. Makov's erroneous assertions on problems in the hydrogeology of Black Sea lowland. p. 63.
Braichevs'kyi, M.IU. - Ancient city of Pastyrskoye. p. 66.
In the Presidium of the Academy of Sciences of the Ukrainian S.S.R. p. 74.
In the Council of Scientific and Technical Information of the Academy of Sciences of the Ukrainian S.S.R. p. 76.

Vol. 24, no. 11(192), Nov. 1952. [In Ukrainian.]
Table of contents translated:
The 35th anniversary of the Great October Socialist Revolution; comrade M.G. Pervukhin's report on November 6, 1952 at a solemn meeting of the Moscow soviet. p. 3.
Editorial: Outstanding contribution to Marxist-Leninist teachings. p. 17.
Nesterenko, O.O. - I.V. Stalin on nature of economic laws of socialism. p. 20.
Babii, B.M. - Lenin's great work on the state and revolution; on the 35th anniversary of V.I. Lenin's work "The state and revolution." p. 32.
Pustokhod, P.I., Darahan, M.V. - Development of Soviet socialist culture in the Ukrainian S.S.R. p. 44.
Marchenko, I.I. - Hybrids of sunflower and Jerusalem artichoke and the problem of the third sugar. p. 50.
Lisova's'kyi, IA.N. - Practice of the introduction of grassland farming on Polesye state farms. p. 63.
Meeting of scientists of the Academy of Sciences of the Ukrainian S.S.R. p. 69.
New books. p. 74.
In the Council of Scientific and Technical Information. p. 77.
Conference of Ukrainian astronomers. p. 78.
In the Astronomy Committee of the Academy of Sciences of the Ukrainian S.S.R. p. 78.
Library of the Academy of Sciences of the Ukrainian S.S.R. in Lvov. p. 79.

Vol. 27, no. 6(235), June 1950. [In Ukrainian.]
Table of contents translated:
Matvitchuk, M.F. - Great achievement of a writer. p. 3.
Hurzhii, I.O. - Ukrainian workers in the struggle against social oppression during the end of the 18th and the first half of the 19th century. p. 13.
Bibikov, S.M. - Status and tasks of archaeological science in the Ukraine. p. 20.
Tiulentov, M.O. - Prospects and present-day situation in the utilization of marshlands on col-

B la

lective farms of the Ukrainian S.S.R. p.30.
V'lalov, O.S., Voronov, P.S. - Geological structure of the Banger "oasis" in Queen Mary Land in the Antarctic. p.39.
Mel'nyk, P.M. - Using maximum current protection methods shunting a circuit-breaker trip coil by relay contacts. p.43.
Piatyshkin, M.M. - Using lignite and peat briquets and peat in rural stoves. p.46.
In the Presidium of the Academy of Sciences of the Ukrainian S.S.R. p.48.
General meeting of the Academy of Sciences of the Ukrainian S.S.R. p.52.
Shovkoplias, I. - Academic conference of the Archaeological Institute of the Academy of Sciences of the Ukrainain S.S.R. p.54.
Ioanidi, A. - Academic conference of graduate students of Social Science Department institutes of the Academy of Sciences of the Ukrainian S.S.R. p.63.
Kovalenko, V.M. - Defense of dissertations. p.65.
Levterov, S. - Meetings with foreign scholars. p.76.
Maksym Vlasovych Luhovtsov; obituary. p.79.

AKADEMIIA NAUK URSR, Kiev. L'vivs'kyi filial. Instytut suspil'nykh nauk. Naukovi zapysky [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Lvov Branch. Institute of Social Sciences. Scientific Studies]. Lvov, vol.3, 1954. [In Ukrainian.]

Table of contents translated:

Vozniak, M.S. - Ivan Franko's views in 1883-1884 on the Polish problem. p.3.
Dei, O.I. - Folk poetic influences in Ivan Franko's early works, 1874-1878. p.16.
Nechytaliuk, M.F. - Source of "Prince Sviatoslav's dream" - a historical drama by Ivan Franko. p.39.
Matviichuk, M.F. - Ivan Franko as a critic of Veselovskii's folklore studies. p.63.
Vozniak, M.S. - Who was the author of "The publisher's preface" to Ivan Franko's translation of Gogol's "Dead souls." p.75.
Lomova, M.T. - Ivan Franko's ethnographic works. p.80.
Karpova, V.L. - Stylistic adaptation of the social and political vocabulary in M.Bazhan's poetry. p.98.
Humets'ka, L.L. - Feminine personal names in the language of Ukrainian documents of the 14th-15th centuries. p.116.
Kernyts'kyi, I.M. - Notes on compound forms of the past tense in Old Russian and Old Ukrainian written memorials before the 16th century. p.123.
TSapenko, I.P. - Origin of byliny. p.135.

AKADEMIIA NAVUK BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Social Sciences]. Minsk, no.1, 1956. [In White Russian with summaries in Russian.]

Table of contents translated:

Busiau, K.P. - Leninism is the banner of the struggle for building a communist society. p.5.
Karnelchyk, E.I. - Exploitation of White Russian peasants who worked as contract laborers in 1830-1850. p.15.
Abezhauz, Z.E. - Participation of the White Russian laboring class in the Revolution of 1905-1907. p.27.
Chepko, V.V. - Movement of White Russian peasants during the Revolution of 1905-1907. p.41.
Karpachou, A.M. - Revolutionary movement of soldiers during the first Russian revolution of 1905-1907 in White Russia. p.51.
Marchanka, I.E. - History of the struggle for the realization of the decree "On land" in White [illegible] 1917-February 1918). p.61.
[illegible]cialist competition in White [illegible]an.

[illegible]on

[illegible]

1

and drama. p.197.

ERIVAN. UNIVERSITET. Nauchnye trudy [UNIVERSITY. Scientific Works]. Vol. 48, 1955. Seriia fiziko-matematicheskikh nauk [Series in the Physicomathematical Sciences], no. 2. [In Russian and Armenian.]

Table of contents translated:

Tumanian, S.Kh. - Maximum deviation of empirical distribution densities. p.3.
Dzhrbashian, M.M. - Torsion of prismatic bars. p.49.
Kocharian, N.M., Durgarian, A.A. - Design of new Geiger-Müller type counters and study of their properties. p.71.
Borovskii, I.B., Bezirganian, P.A. - X-ray diffraction by bent crystals. p.79.
Tumanian, B.E. - Determining maximum distances at which it is possible to detect open star clusters [in Armenian with summary in Russian]. p.93.

Vol. 52, 1955. Seriia geologicheskikh nauk [Series in the Geological Sciences], no. 2.

Table of contents translated:

Gabrielian, A.A., and others. - Stratigraphy of upper Tertiary volcanogenous strata of the Karabakh Upland. p.3.
Isakhanian, D.P. - Age of the Goris horizon in the western Karabakh volcanic upland. p.25.
Avakian, L.A. - Rhinoceros mercki Jaeg. from quaternary deposits of Armenia. p.35.
Tatevosian, T.Sh. - Gabbro from the northern slope of the Bargushatskiy Range. p.43.
Asratian, V.P. - Main lithological and petrological features of middle Eocene deposits in the Erivan region. p.63.
Balasanian, S.I. - Structure of the Gedzhalinskiy granitoid intrusive in northern Armenia. p.83.
Isaakian, S.A. - Symmetrical and zonal structure of the trachydacite Bugakar dike. p.101.
Vartapetian, B.S. - Considering conditions of formation of high-grade nepheline rock of the alkali intrusive Tezhsarskiy massif. p.115.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records]. No. 176, 1954. Seriia biologicheskikh nauk [Series in the Biological Sciences], no. 37. Fiziologiia [Physiology].

Table of contents translated:

Vetiukov, I.A., Tochilov, K.S. - N.E. Vvedenskii. p.3.
Terokhov, P.G. - Scientific relations of N.E. Vvedenskii with the St. Petersburg Academy of Sciences. p.28.
Vasil'ev, L.L. - Significance of N.E. Vvedenskii's theories in medicine. p.55.
Arshavskii, I.A. - Significance of N.E. Vvedenskii's theories in solving the problem of specificity in connection with ontogenic stages. p.68.
Zhukov, E.K. - Features outlined by Vvedenskii as applied to the tonic activity of the motor apparatus. p.86.
Khaenko, L.N. - Electrophysiological data on the parabiosis of the muscle during contractions. p.108.
Averkakh, M.S. - Comparative characteristics of the 8th and 9th anterior nerve roots of the spinal cord. p.119.
Levin, V.L. - The two-phase reaction to strychnine of cells of Descemet's epithelium in male and female rodents. p.125.
Vasil'ev, L.L., Gal'vas, E.T. - Cathodic threshold parabiosis of a peripheral nerve depending on the functional state of the central nervous system. p.130.
Magnitskii, A.N. - Some features of parabiosis of the central nervous system. p.155.
Grachov, I.I. - Maximum and minimum frequency of mechanical stimulation for calling forth the lactation reflex. p.164.
Uflland, IU.M. - Stable focuses of inhibition in the central nervous system in the development of pathological processes. p.171.
Antipenko, E.N. - Functional mechanism of the vasomotor center. p.180.
Rafiki, M.I. - General electrographic investigation of anaphylactic shock. p.203.
Makhlina, A.M. - Effect of cortical stimulants and narcotics on the protein fractions of blood serum. p.218.
Rusinov, V.S. - Some problems in the theory of the electroencephalogram. p.235.
Roitbak, A.I. - Analysis of bioelectric phenomena produced in the cerebral cortex by direct electric stimulation. p.256.
Birlukov, D.A. - The role of the quality of stimuli in developing temporary connections. p.273.
Mogendovich, M.R. - Vvedenskii's and Ukhtomskii's teaching and the internal reception mechanisms p.283.
Shcherbakov, N.M., Moskeli, K.V. - Methods for studying conditioned and unconditioned reflex activity in patients with nervous and psychic diseases. p.290.
Makarov, P.O. - Dynamics of reflex transformation in the excitability and lability of human analysors. p.297.
Kosilov, S.A. - Features of the development of movements and present-day theory of the prosthetics of the arm. p.319.
Vorob'eva, V.S. - Some features of the dynamics of central nervous processes in stenographers using different work methods. p.333.

No. 180, 1955. Seriia filologicheskikh nauk [Series in the Philological Sciences], no. 21. Issledovaniia po grammatike [Grammatical studies].

Table of contents translated:

Trofimov, V.A. - Phenomenon of constructive parallelism in the syntax of the modern Russian language. p.3.
Moiseev, A.I. - Syntactical observations on the use of the infinitive in the Russian language. p.24.
Ivanova, V.F. - Interrelationships between the participle and adjective in modern Russian. p.73.
Amosova, N.N. - Words with a simplified morphological composition in modern English. p.90.
Gerbach, I.R. - Suffixal formation of adjectives in modern English. p.119.
Venediktov, G.K. - Verbs with two prefixes in modern Bulgarian. p.172.
Surovtsev, A.N. - Functions of the subordinate clause of cause in modern Russian. p.188.
Zhigadlo, V.N. - Transitiveness and intransitiveness of verbs in modern English. p.209.
Leikina, B.M. - Category of state in modern English. p.223.
Shigarevskaia, N.A. - Accentuation in modern French. p.254.
Akulova, K.P. - Qualitative and adverbial adverbs in modern German. p.273.
Korotaeva, E.I. - Conditional sentence. p.291.

No. 208, 1956. Seriia matematicheskikh nauk [Series in the Mathematical Sciences], no. 30. Dinamicheskie zadachi teorii uprugosti [Dynamic problems in the theory of elasticity], no. 5.

Table of contents translated:

Petrashen', G.I. - Preface. p.3.
Petrashen', G.I. - Efficient method for solving problems in the dynamic theory of elasticity in cases of laminated isotropic media with planeparallel boundary divisions. p.5.
Petrashen', G.I., Uspenskii, I.N. - Wave propagation in laminated isotropic elastic media. Part 1. p.58.
Ogurtsov, K.I. - Quantitative analysis of wave processes in elastic semispace subjected to various effects. p.142.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol. 11, no. 10, 1956. Seriia fiziki i khimii [Series in Physics and Chemistry], no. 2.

Table of contents translated:

Dodonova, N.IA., Sobolev, V.V. - Infrared radiation of nitric oxide in electrical discharge. p.3.
Kiseleva, K.G., Kizub, I.A. - Diffusion of the polystyrene fraction in carbon tetrachloride. p.6.
Rumsh, M.A., Baklagina, IU.G. - Determination of fibrous texture characteristics by means of ordinary dust cameras. p.12.
Vinnichenko, E.N., Zaidel', A.N. - Effect of noble gases on the sensitivity of spectrum analysis. p.21.
Petrashen', M.I., Ivanova, A.V., Vol'f, G. - Elementary method for calculating the effect of the crystal-lattice field on ionic single-electron $S$ - and $P$ - functions. p.29.
Khalfin, L.A. - Method for introducing interaction with the external electromagnetic field. p.39.
Abramenkov, I.V. - Schrodinger's coordinate function for an arbitrary state of a many-electron atom. p.43.
Dobrotin, R.B. - To the history of the discovery of germanium (eksasilicon). p.55.
Morachevskii, IU.V., Pinchuk, N.Kh. - Phase analysis of iron ores. Part 1. p.60.
Lilich, L.S., Timofeev, V.I. - Vapor pressure in ternary solutions: MECl - HCl - H$_2$O. p.68.
Morachevskii, IU.V. - Certain debatable problems in the teaching of analytical chemistry. p.75.
Stolinrov, K.P., Pogodaeva, V.G. - Chromometry in the ultraviolet region of the spectrum. p.87.
Favorskaia, T.A. - Cyclopropane derivatives and their isomeric conversions. p.93.
Pervoev, F.IA. - Isomerization of $\alpha$-oxides. Part 1. p.103.

Vol. 11, no. 11, 1956. Seriia ekonomiki, filosofii i prava [Series in Economics, Philosophy, and Law], no. 2.

Table of contents translated:

Tikhomirov, I.D. - Extension of socialist reproduction of the means of production in the sixth five-year plan. p.3.
Eliseeva, O.A. - Influence of the law of value on production under socialism. p.20.
Mikheeva, S.F. - The law of value and the monopoly price. p.30.
Erichev, L.I. - Lenin's conception of matter and its importance in combatting the idealistic theory of knowledge. p.41.
Podkorytov, G.A. - Role of induction in knowledge. p.54.
Shtoff, V.A. - Nature of the chemical form of the movement of matter. p.66.
Galaktionov, A.A. - A.D. Kantemir's place in the history of Russian philosophy. p.91.
Ravin, S.M. - The historical significance of the soviets in 1905. p.99.
Cherepakhin, B.B. - Definition and terms of a lease

contract in Soviet civil law. p. 103.
Solodkin, I. I. - Criminal law in the works of the Decembrist N. I. Turgenev. p. 116.
Rybakov, I. F. - "Economic crises in Russia." A. F. Lakovlev. p. 129.
Rozhin, V. P. - Concerning an article. p. 132.
Sviderskii, V. I. - Philosophical problems in the theory of gravity ("The theory of space, time, and gravity." V. A. Fok ). p. 135.
Avdeenko, N. I., Chechot, D. M. - "Admission of a party in Soviet civil procedure." V. K. Puchinskii. p. 137.
Rivlin, A. L. - "Case book for practical exercises in Soviet criminal procedure." p. 140.
Rabinovich, N. V. - Civil law in England. p. 143.

Vol. 11, no. 12, 1956. Seriia geologii i geografii [Series in geology and geography].
Table of contents translated:
Rukhin, L. B. - Classification of composite sedimentary rocks. p. 3.
Mamontova, E. V. - Foraminifera of the upper Liassic deposits of the northwestern Caucasus. p. 20.
Ettysheva, R. S. - Classification of stems of sea lilies. p. 40.
Rukhina, E. V. - Some characteristics of the lithology of Quaternary deposits and methods of studying them. p. 47.
Ivanov, K. E. - Formation of microflora in layered boggy soil as a result of moisture runoff from swamps. p. 58.
Abramova, T. G. - Marshes of the northern Ladoga region and their agricultural uses. p. 73.
Lopatin, V. D. - Relation of pH value and the rate of thawing on vegetation and microrelief in an upland swamp. p. 86.
Kvasov, D. D. - Variability of factors and components of annual stream flow. p. 99.
Pavlov, A. A. - Classification and designation of cartographic projects. p. 103.
Pavlov, A. A. - "Mathematical cartography in the U. S. S. R. Part 1. Outline history and reference data." G. A. Ginzburg, N. S. Karpov, T. D. Salmanova. p. 110.
Lysenko, M. P. - Conference on trees of the Ukrainian S. S. R. p. 113.

LVOV. UNIVERSYTET. Dopovidi ta povidomlennia [UNIVERSITY. Reports and Notes]. No. 3, pt. 1, 1952. [In Ukrainian.]
Table of contents translated:
Guriadi, M. S. - Problem of the positive hero in D. A. Furmanov's novel "Chapaev." p. 3.
Karasik, TS. Z. - Problem of art and the revolution in K. A. Fedin's novels "First joys" and "Unusual summer." p. 6.
Khalimonchuk, A. M. - First satiric works of Ivan IAkovych Franko. p. 9.
Chicherin, A. V. - Influence of Soviet literature on modern Chinese literature. p. 10.
Krotevych, E. V. - Phrases and their role in sentences. p. 13.
Petrovskii, V. I. - Vocabulary of the Al. Nedogonov's poem "Banner over a rural Soviet." p. 17.
Korobchinskaia, L. A. - Independent dative case in the 1377 Lavrentii variant of the Suzdal' chronicle. p. 19.
Petlychnyi, I. Z. - Predicative phrases in Iv. Franko's prose works. p. 21.
Kryvoruchko, S. M. - Linguistic and stylistic characteristics of the narration in Arkhyp Teslenko's works. p. 23.
Onyshkovych, M. I. - Words of East-Slavic origin in the Polish language. p. 25.
Rozova, Z. G. - Stability of basic vocabulary in the Serbian language. p. 27.
Pushkar, M. A. - Development of accents in the Czech language. p. 28.

No. 4, pt. 1, 1953. [In Ukrainian.]
Table of contents translated:
Nedbailo, P. E. - Economic and juridical laws and their correlation in a socialist society. p. 3.
Nedbailo, P. E. - Soviet socialist legality. p. 5.
Pakhomov, I. N. - Decisions of executive committees of local Soviets stipulating administrative responsibility. p. 9.
Naklovich, M. L. - Struggle against the theft of socialist property in Soviet criminal law. p. 12.
Krivitskii, S. G. - Confession in Soviet criminal procedure. p. 15.
Tyrichev, I. V. - Determining the order of testimony of a defendant pleading not guilty. p. 18.
Bek, V. A. - Obligations which cannot be maintained in a suit in Soviet civil law. p. 21.
IAstrubetskii, S. D. - Liability of officials for the unjustified dismissal of workers and employees. p. 22.
IAstrubetskii, S. D. - Public prosecutors' review of the legality of decisions of state and departmental arbitration agencies. p. 24.
Fainshtein, A. A. - Some controversial problems in Soviet inheritance law. p. 26.
Fainshtein, A. A. - Basic legal characteristics of the liability of railroads in the U. S. S. R. arising from the transportation of freight. p. 28.
Kul'chyts'kyi, V. S. - Class character of the law governing election to the Galician Regional Diet. p. 31.
Kalynovych, V. I. - Conversion to fascism of the political regime in landowners' Poland; 1918-1939. p. 34.
Chicherin, A. V. - Influence of L. N. Tolstoi's creative methods in "War and peace" on Romain Rolland's novel "Jean Christophe." p. 39.
Timofeeva, O. V. - L. Tolstoi's "Power of darkness" on the French stage. p. 40.
Dombrovs'kyi, O. M. - Iv. Franko as interpreter and translator of Dante's lyric poetry. p. 43.
Shapovalova, M. - Portrayal of Communists in André Stil's novels. p. 44.
Kovalik, I. I. - Comparative studies on word formation in Slavic languages in the light of Marxist teachings on linguistics. p. 47.
Petlychnyi, I. Z. - System of vowel phonemes in the modern Ukrainian literary language. p. 50.
Kryvoruchko, S. M. - Observations on the vocabulary of dialects of northwestern districts of Lvov Province. p. 54.
Pushkar, M. - Development of the Czech vocabulary in the light of I. V. Stalin's teachings on linguistics. p. 58.
Rosenshtraukh, M. I. - Teachings on parts of speech in the earliest literary memorials of the eastern Slavs. p. 61.
Huzar, I. IU. - Dialectics of languages. p. 62.
Miuller, A. IA. - Problem on the case of comparison. p. 63.
Ripets'ka, O. F. - Slavic vocabulary borrowings in the German language. p. 66.
Kashchii-Tomasheva'ka, S. E. - One instance of grammatical synonymy in the German language. p. 67.
Zadoroznyi, B. M. - Interchange of spirants in the Gothic language. p. 68.
Dortort, P. S. - Problems of the passive in the German language. p. 69.
Obukhovskaia, I. I. - Synonymy of French prepositions. p. 72.

MOSCOW. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol. 11, no. 4, Apr. 1956. Seriia obshchestvennykh nauk [Series in the Social Sciences], no. 2.
Table of contents translated:
For a creative realization of the historical decisions of the 20th Party Congress. p. 3.
Galkin, I. S. - Formation of the Balkan League in 1912 and the policy of the European powers. p. 9.
Ado, A. V. - History of the peasant movement during the first years of the French bourgeois revolution at the end of the 18th century. p. 41.
Iovchuk, M. T. - Historical stages in the development of materialism in the pre-Marxian period. p. 57.
Fatallev, Kh. M. - The relation between the natural sciences and the materially productive activity of man. p. 73.
Bunkina, M. K. - Economic expansion of the West German monopolies in the postwar period. p. 83.
Pustovoit, P. G. - Problem of the positive hero in Russian literature of the 1860's (character of Bazarov in I. S. Turgenev's novel "Fathers and Sons." p. 99.
Kosminskii, E. A. - Life and works of T. N. Granovskii. p. 119.
Vasilenko, K. S. - Society of Translators and Publishers. p. 129.
The 20th Congress of the Communist Party of the Soviet Union and tasks of the Soviet science of history. p. 143.
Discussion on the study of the literary language. p. 150.
Archaeological laboratory. p. 153.
Speeches by foreign economists at Moscow University. p. 155.
Scientific conference of undergraduate and graduate students of the countries of people's democracies. p. 158.

STALINABAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records]. Vol. 8, 1955. Trudy IUridicheskogo fakulteta [Transactions of the Law Faculty], no. 3.
Table of contents translated:
Manov, G. N. - The Paris Commune, the prototype of a proletarian state. p. 3.
Granberg, V. G. - The formation of the Tajik Autonomous Soviet Socialist Republic. p. 19.
Kasatkin, IU. P., IAvich, L. S. - General and specific characteristics of the development of law. p. 39.
IAvich, L. S. - The problem of subject and form in law. p. 49.
Koretskii, V. I. - Copyright law in the Tajik S. S. R. p. 69.
Vol'berg, I. S. - Dismissal from work in Soviet labor law. p. 97.
Kasatkin, IU. P. - The components of crimes which constitute survivals of patriarchal life in connection with the draft of the criminal code of the U. S. S. R. p. 105.
Karatsev, K. M. - Examining the site of discovery of a corpse. p. 117.

Entin, L. M. - The political and juridical nature of the French Union. p. 120.

UFA. BASHKIRSKII GOSUDARSTVENNYI PEADOGICHESKII INSTITUT. Uchenye zapiski [BASHKIR STATE PEDAGOGICAL INSTITUTE. Scientific Records]. No. 4, 1955.
Table of contents translated:
Ozhiganov, D. G. - Geological structure of the metamorphic belt of the Ural-Tau Range in the southern Urals. p. 3.
Ozhiganov, D. G. - Stratigraphy and facies characteristics of Silurian deposits of the western slope of the southern Urals. p. 55.
Ozhiganova, O. I. - Drift sources and mineralogical composition of Tertiary rocks in the Cisural Depression. p. 93.
Maslov, M. D. - Historical geographic sketch of Sterlitamak District, Ufa Government. p. 123.
Ashkrumov, G. G. - Effect of pollination methods and plant forms on the formation of fruit in buckwheat. p. 164.
Emikh, T. A. - Formation of the inflorescence of foxtail millet in the light of the doctrine of phasic development of plants. p. 173.
Emikh, T. A. - Phasic development of Sudan grass. p. 180.
Faizullina, T. Kh. - Some problems in the biology of the development of foxtail millet; preliminary report. p. 186.
TSvetaev, A. A. - Using visual aids in teaching physical geography. p. 197.

## b) POPULAR MAGAZINES

BELARUS' [WHITE RUSSIA]. Organ of Prauleunae Satuza pis'mennikau BSSR and Respublikanskae tavarystva pa raspaustudzhvanniu palitychnykh i navukovykh vedau [Administration of the Association of Writers of the White Russian S. S. R. and State Society for Dissemination of Political and Scientific Knowledge]. Minsk, vol. 13, no. 6(143), June 1956. [In White Russian.]
Table of contents translated:
Hutarau, I. - A. M. Gor'kii on V. I. Lenin. p. 1.
Pachanin, S. - October days in Mogilev. p. 3.
Druhau, S. - Newlyweds; a sketch. p. 5.
Kolas, IAkub. - Lonely mound; a fairy tale from real life. p. 6.
Scholar, literary critic, teacher. p. 6.
Hurski, Il'ia. - The encounter; a story. p. 7.
Stsiapanau, A. - They are acquiring a profession; a sketch. p. 10.
Khvedarovich, Mikola. - Energogrand; verse. p. 11.
Pysin, Aliaksei. - Saraktash, The parcel; verse. p. 11.
Rzhanau, A. V. - Semiconductors and their technical utilization. p. 12.
Bantas, E. - Factory of bacteriological fertilizers. p. 14.
Varanovich, S. - Winged words. p. 15.
Kaminski, N., Kastrytski, A. - Henri Barbusse. p. 15.
Bury, M. - Clothes are made here. p. 16.
Sevasts'ianau, V. - Precision casting. p. 16.
Antonau, D. - What will tomorrow's weather be? p. 17.
Makarava, K. - For the human life; a sketch. p. 18.
Rusanau, V. - G. I. Kotovskii; on the 75th anniversary of his birth. p. 19.
Hornatmovich, P. - F. A. Roubaud; on the 100th anniversary of his birth. p. 19.
Russtski, Aliaksei. - Along old roads; excerpt from a narrative poem. p. 20.
Vasil'ev, I. - Creators of the sixth five-year plan. p. 21.
Satire and humor. p. 22.
Ryl'ko, Ales'. - A pig in the poke; a comedy. p. 23.
Shabalinski, A. - Conference of young builders. p. 24.
Erdman, P. - Following fresh tracks; a story. p. 26.
TSikhanovich, V. T. - Casting ball. p. 29.
Bialiaeu, UL - A master of marksmanship. p. 29.
Bachyla, A. - Breath of a formidable forest ("The formidable forest," Arkadz' Kuliashou). p. 30.
Hortsovich, IA. - Great love and great hatred ("Kuz'ma Chorny; ideas and artistic forms of his works." Ivan Kudriautsau). p. 30.
Iaurylau, I. - Khristo Botev. p. 31.
Atroshchanka, A. - Pierre Corneille; on the 350th anniversary of his birth. p. 31.
Wisdom of friends; Indian and Afghan parables. p. 32.

Vol. 13, no. 7(144), July 1956. [In White Russian.]
Table of contents translated:
Platrovich, A. - Three young men from the collective farm "Rassvet"; a sketch. p. 1.
Stsiapanau, Ul. - A worker becomes an engineer; a sketch. p. 2.
Ladokha, V. - Machine-tractor station park. p. 4.
Bury, M. - A building goes up. p. 5.
Charnyshevich, Arkadz'. - My poor child; a story. p. 6.
Krychauski, M. - A participant in three revolutions. p. 11.
Kireenka, Kasius', - Naliboka, Starting for a trip; verse. p. 12.
Makalonak, A. - Forty years on the stage. p. 12.
Kurylenka, H. - Old bonds. p. 13.
Kamarouski, E. - TSiotka; on the 80th anniversary of her birth. p. 14.
Skryhan, IAnka. - How a song was sung; a story. p. 15.

B Ib

Astreika, Anatol'. - The same sun lights the banks of the Sozh; verse. p. 16.
Mel'nikau, M. - V. D. Bonch-Bruevich. p. 18.
Esakou, A. - Album of White Russian folk ornament. p. 18.
Berazniak, P. - The sky-blue motorboat; a story. p. 19.
Tuwim, Julian. - The ABC, A kitten, Haurus'; verse. Translated from the Polish. p. 19.
Karmalitava, I. - The Pioneer palace in Minsk. p. 20.
Lazniavoi, A. - The apiary. p. 21.
Razhdestvenski, Usevalad. - A great realist of modern painting; on the 350th anniversary of Rembrandt's birth. p. 22.
Sadkovich, Nikolai. - The battle on the Pripet; excerpt from the novel. Translated from the Russian. p. 24.
Arlou, D. - Bernard Shaw. p. 26.
Kastrytski, A., Kaminski, N. - Bernard Shaw in the U. S. S. R. p. 28.
TSikhanovich, V. - Catching crucian carp with a metal fly. p. 29.
Kudrautsau, Ivan. - A hero and his strong will ("Over seas and oceans" Aleksandr Mironov). p. 30.
Zhychka, Khv. - Sincere lines ("Nightingale shore"; verse, Mikhas' Piankrat). p. 30.
Usikau, IA. - Trial for firmness ("Ten days of White Russian art and literature in Moscow"; collection of articles). p. 31.
Pateev, S. - A talented painter. p. 31.
Siamionava, M. - Poisonous plants in meadows and pastures. p. 31.
Dzitlau, A. - A goose as taster. p. 32.
IAfimau, S. - Where our heroes fought. p. 32.

Vol. 13, no. 8(145), Aug. 1956. [In White Russian.]
Table of contents translated:
Klaz, Il'ia. - At the call of the party. p. 1.
Brouka, Piatrus'. - Always with Lenin; a poem. p. 3.
Khadkevich, Taras. - In the first ranks; on Makar Pasliadovich's 50th birthday. p. 5.
Viktarau, L. - Lyubcha-Kapsukas. p. 6.
Kolas, IAkub. - The dragonfly; a fairy tale. p. 7.
TSimafeeva, L. -A. IA. Prakapchuk; on his 60th birthday. p. 7.
Zvankov, V. V. - Atomic ships. p. 8.
Pshyrou, IUl. - A great son of the Ukrainian people; on the 100th anniversary of Ivan Franko's birth. p. 9.
Franko, Ivan. - Thoughts of a proletarian; verse. p. 10.
Hurski, Il'ia. - He came back; a story. p. 11.
Sadouski, IA. - White Russian porcelain. p. 13.
Krauchanka, Usevalad. - Encounters in Yugoslavia. p. 14.
Madzialevich, S. - Workers' friendship. p. 16.
Dubrouski, L. - The ignoramus; a story. p. 18.
Hlikin, B. - Struggle for life; a sketch. p. 21.
Turetski, I. - Factory of reinforced concrete wares. p. 22.
Ushakou, S., Sokalau, K. - College students at work. p. 23.
A friend of the Soviet Union. p. 24.
Arusau, M. - V. A. Radus-Zen'kovich. p. 24.
IAkimovich, Ales'. - Old White Russian fairy tales, jokes, and anecdotes. p. 25.
Babochkin, B. - Portrayal of a national hero. p. 26.
Lazitski, A. - Old manuscript. p. 27.
Niafed, Ul. - Eternal theme. p. 28.
Virnia, L. - Swan, crayfish, and pike; not a fable but a fairy tale. p. 29.
Boika, Ul. - The living truth ("On the Bystryanka"; stories. IAnka Bryl'). p. 30.
Sidarenka, A. - In quest of his own poetic voice ("Searchers"; verse. Konstantin Titov). p. 30.
Aleksandrovich, S. - V. S. Kurochkin; on the 125th anniversary of his birth. p. 30.
Varonina, I. - G. A. Machtet; on the 55th anniversary of his death. p. 31.
Mel'nikau, M. - Arakcheev settlements in White Russia. p. 31.
[illegible] p. 32.

[illegible] TSentral'ny [illegible] oladzi [illegible] sian [illegible]l. 32,

[illegible] Gianni. - Buon giorno. p. 8.
Roadri, Gianni. - If only peace...; verse. p. 9.
Sadouski, IAfim. - From a foreign country back to the motherland; a sketch. p. 10.
Runets, P. - Zhora Lebedz' and his friends; a sketch. p. 12.
Nosov, N. - An incomprehensible event; a story. p. 13.
Pukst, H. - "Marynka." [Text incomplete] p. 16.
Mekhau, Ul. - Khimka; a story. p. 17.
Children's songs, fables, and funny proverbs; from English folk poetry. p. 22.
Liapunou, Barys. - Conquest of the skies; a science fiction sketch (conclusion). p. 24.
Rudel'son, V. - School for motorists; in order to avoid accidents. p. 27.
Krupenia, IAuh. - Wide screen motion-picture theaters. p. 29.
Calendar of young naturalists. p. 30.
The bookshelf. p. 31.
A trip by azimuth; a game. p. 32.

Vol. 32, no. 7, July 1956. [In White Russian.]
Table of contents translated:
Song of White Russian Pioneers. p. 2 of cover.
Krasnova, N. H. - Festival of children; an article. p. 1.
Kireenka, Kastus'. - The wise party teaches us; verse. p. 1.
Avechkin, A. - Amur waves; a story. p. 2.
The flag is hoisted. p. 6.
Liauchuk, F. - Vitsia; a story. p. 8.
Viaryha, Ivan. - Streams; verse. p. 10.
Verse of Polish poets. Translated from Polish. p. 11.
Runets, P. - Well, they ate crayfish; a story. p. 12.
Ibrahimau, H. - Where the mountains are high; an essay. p. 15.
Letters to the editor. p. 17.
Palees, S., Elentukh, I. - From the remote ages; an essay. p. 18.
Kurto, IAuhen. - Night watch; a story. p. 20.
Platner, I. - My vegetable garden; verse. p. 22.
Kastsiukevich, N. I. - Forests are our riches. p. 24.
Physical education and sports. p. 26.
Mikltau, A. - Fish, get caught. p. 28.
Make it yourself; signalling and communication at a Pioneer camp. p. 29.
Young naturalist's calendar. p. 30.
Bibliography. p. 31.
A little about everything. p. 32.
Jorney; a game for the quick and clever. p. 3 of cover.

Vol. 32, no. 8, Aug. 1956. [In White Russian.]
Table of contents translated:
Hamolka, Mikola. - New unit; a story. p. 1.
Our mail; letters from children. p. 4.
Biahanskaia, IAdviha. - Unexpected encounter; a story. p. 6.
Ivan Franko; on the 100th anniversary of his birth. p. 11.
Krauchanka, Usevalad. - Two weeks in Yugoslavia. p. 12.
In our republic. p. 15.
Chalyi, Bohdan. - End of "The black raven"; a play. p. 16.
Ahniatsvet, Edzi. - The basket; verse. p. 19.
Mel'nikau, M. - Ruben Ibarurri. p. 20.
Zalatouski, K. - Ivan Makarych; a story (to be concluded). p. 22.
Conversations with Jaś; humor of our neighbors. p. 26.
Do you know. p. 27.
Young athletes. p. 28.
Patsieuski, Vania. - Uncommon friendship; a story. p. 29.
Calendar of young naturalists. p. 30.
Bibliography. p. 31.
Marozau, V. - Carrots and laurels; a satire. p. 32.
Journey; a play for quick and clever ones. p. 3 of cover.

KITAI [CHINA]. Published by "Narodnoe iskusstvo" [People's art]. Peiping, no. 6(71), May 1956.
Table of contents translated:
Peiping greets the workers of the entire world. p. 1.
Session of the Council of the Women's International Democratic Federation in Peiping. p. 4.
V. I. Lenin; on the 86th anniversary of his birth. p. 5.
The honor roll. p. 6.
"Friendship of youth." p. 8.
The supply of radios in Lienkong County. p. 11.
Workingman's insurance at the factory. p. 14.
Springtime in the fields. p. 16.
Children's hospital. p. 18.
Gifts from foreign friends. p. 20.
Productive power is growing. p. 22.
A day on a cooperative farm. p. 26.
Manufacturing beautiful and comfortable clothes. p. 26.
The first all-China festival of modern plays. p. 30.
School for glider pilots. p. 34.
Brief news. p. 36.
Sports. p. 39.
Art. p. 39.

No. 6(72), June 1956.
Table of contents translated:
New hydraulic structure. p. 1.
Power which moves forward. p. 2.
Happy event in the life of the people of Tibet. p. 6.
Children's palace. p. 8.
On the "Krasnoe Znamia" cooperative farm. p. 12.
TSaidam depression. p. 15.
Protected old age. p. 18.
Amateur art activity. p. 20.
Bridge over the Yangtze. p. 23.
Rebirth of man. p. 26.
Sanatorium for students of Asia. p. 28.
Metal-turner Sheng Li. p. 30.
Children's toys. p. 32.
Our guests. p. 34.
Brief news. p. 38.
Sports. p. 39.
Art. p. 40.

KROKODIL [CROCODILE]. Issued by gazeta [newspaper] "Pravda." Moscow, vol. 35, no. 29(1463), Oct. 1956.

KYIV [KIEV]. Published by Bohdan Romanovych [illegible] delphia, vol. 7, no. 5(38), Sep.-Oct. 1956. Ukrainian.]

MY I SVIT. WE AND THE WORLD. Paris, vol. [illegible] nos. 28-29, 31, Aug.-Nov. 1956. [In Ukrain[illegible]

NOVAIA KOREIA [NEW KOREA]. Izd-vo [Publi[illegible] House] Novaia Koreia. Pyongyang, no. 6, Ju[illegible]
Table of contents translated:
Approved by the entire nation. p. 3.
In the name of a rapid unification of our coun[illegible]
Effective measures for the peaceful solution [illegible] Korean problem. p. 8.
Yun Si-ch'ŏl. - Our nation fights for peace. [illegible]
Kim Han-Ju. - On the harmonious developme[illegible] dustry and agriculture. p. 13.
So Hwi. - Tenth anniversary of the labor law.
Pak Sŏng-hi. - Ordinary people vacation here
Hong U-man. - What the "elections" in South showed. p. 25.
Kim Un-yŏn. In the arms of the motherland.
Kim In-sop. - Steel founders. p. 30.
An Pyŏng-nyŏn. - How the new is conquering p. 32.
Ch'oe Chong-hwan. - Thirtieth anniversary o "events of June 10." p. 34.
Pak Kwan-sik. - Monuments of ancient Korea tecture. p. 36.
Pak Sŏk-chŏn. - "Isn't this the Milky Way co down from the sky?.." p. 38.
Throughout Korea. p. 40.
Sports. p. 42.
New industrial production of our country. p. 4[illegible]

OGNI STOROZHEVYE, THE GUARDIAN LIGHTS. Published by Julia Prigodina, New York, nos. [illegible] [Dec. 1955-Feb. 1956?].

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 2[illegible] no. 48(1069), Nov. 1947.
Table of contents translated:
Moscow is preparing for elections. p. 1.
Zubavin, Boris. - Daily life of the chairman o[illegible] trict executive committee. p. 2.
Pages 3-6 [wanting].
Bukovskii, K. - Landmarks of time. p. 7.
Nomination of candidates for deputies of munic[illegible] rural soviets. p. 9.
Let's fulfill the five-year plan in four years. p.
Great success. p. 11.
Botagova, L. - "Universities for the past 30 y[illegible] exhibit. p. 11.
Akhmatov, S. - Victory of Soviet machine build[illegible] p. 11.
Six hundred works of art. p. 11.
Kustov, A. - The valley where wars were mad[illegible]
Nagibin, IUrii. - Light in the night; a story. p.
Tushnova, Veronika. - In Azerbaijan; verse. p.
Slavin, Lev. - This did not exist before. p. 16.
Paustovskii, Konstantin. - Morning frost; a sto[illegible] p. 17.
Ol'khon, Anatolii. - Cold pole; verse. p. 18.
Bershadskii, Rud. - We are speaking about cult[illegible] p. 20.
Aksioti, Mel'po. - Greece, the cradle of traged[illegible]
Khvat, L. - Engineer Reba's notes. p. 23.
Zhidkov, G. - M. V. Nesterov. p. 24b.
Kolbanovskii, V. - A book on education. p. 25.
El'sberg, IA. - Poet and satirist. p. 25.
Shchepkina-Kupernik, T. - First visit to the M[illegible] theater. p. 26.
Liubimov, B. - In four languages. p. 27.
Russian plays in theaters of the new Poland. p. [illegible]
Viktorov, V. - The nature of speed. p. 29.
Burov, V. A. - Main sports stadium in Moscow.
I am answering. p. 31.
Shark's brood. p. 32.
Crossword puzzle. p. 32.
Checkers. p. 32.
Urazov, I. - Where words come from. p. 33.

Vol. 25, no. 52(1073), Dec. 1947.
Table of contents translated:
Happy New Year, comrades. p. 2.
Year of birth, 1947. p. 5.
Ivanov, Vsevolod. - Elections in Moscow. p. 9.
Miletskii, IA. - Election day. p. 10.
Liubimov, A. V. - No more ration cards. p. 11.
The first days. p. 11.
The international chess tournament of Slavic cou[illegible] has been concluded. p. 12.
Atarov, Nikolai. - Scales and sledges; a story. p.
Mirov, Aleksandr. - Jubilee of one of the oldest [illegible] cal institutions (1707-1947). p. 16.
Sever'ianova, A. A. - Our deputy Zinaida Mer'sh[illegible] p. 16a.
Fedorov, A. F. - Heart-to-heart talk. As told to Evg. Bosniatskii. p. 17.

New plants and their creators. p. 20.
Andronikov, Iraklii. - Monograph about Rylcev. p. 24.
Derman, A. - "Kitai-gorod." p. 24.
Hidas, Anatol. - Sándor Petöfi; 1823-1848. p. 25.
Sokolov, S. - Soviet sports victories in 1947; in foreign countries and in home stadiums. p. 26.
Friends and comrades. p. 30.
Naturalist's corner. p. 31.
Urazov, I. - Where words come from. p. 32.
Suction-pump for fishing. p. 32.
Checkers. p. 32.
Crossword puzzle. p. 32.

Vol. 34, no. 24(1513), June 1956.
Table of contents translated:
Our fortunes are inseparable. p. 1.
Guests from a fraternal country. p. 2.
At the industrial and agricultural exhibitions. p. 4.
Borovik, G., Serbin, A. - This is what I report. p. 5.
Gorev, A. - Main line to new lands. p. 5.
Mikhailov, Bor. - Starting jobs in plants and building projects with a graduation certificate. p. 6.
Zlatogorov, Mikh. - Dangerous diagonal. p. 7.
Tikhonov, Nikolai. - White wonder (to be continued). p. 9.
Evgenov, S. - The fiery Akopian; on his 30th birthday. p. 15.
Voronov, V. - A poet's meditation. p. 15.
Santa, A. - Cut by supersonic waves. p. 16.
Grigor'ov, A. - Giant tractor. p. 16.
Kanevskii, S. - Thrice during the summer. p. 16.
Kurganov, V. - A newborn's life was saved. p. 16.
Drachinskii, Nikolai. - In the land of pyramids. p. 17.
Dostal', Andrei. - The future; verse. p. 19.
Fridiland, S. - School photographers. p. 20.
Il'icheva, I. - Home delivery of groceries. p. 22.
Nepal. p. 22.
Demkrchian, Doremik. - Sundukian Theater. p. 24.
Petrov, Lev. - Patriotic opera. p. 25.
Saba, Nilon. - Of Russia I sing; narrative poem. p. 25.
Vershinina, I. - Motion pictures of the young. p. 26.
Vasil'ev, E. - For the sake of health. p. 27.
Artist of genius. p. 28.
Wedding at the Indian Embassy. p. 29.
Shumov, V. - They learn how to sell. p. 29.
Goncharov, A. - French book printing art. p. 29.
Khrabrova, N. - A master mechanic's jubilee. p. 29.
Morozov, S. - Dear and respected... p. 29.
Karbovskaia, Varvara. - Boris Borisych's system. p. 30.
Login, M. I. - Accessible to all. p. 31.
Volkov, I., and others. - Three hydroelectric power stations in a collective farm. p. 31.
Krotkii, Emil'. - Epigrams. p. 32.
Gift from Vietnam. p. 32.
Crossword puzzle. p. 32.

Vol. 34, no. 25(1514), June 1956.
Table of contents translated:
School of progressive practice. p. 1.
Guests from a fraternal country. p. 2.
Cherevkov, K. - Guests from Leningrad in Yugoslavia. p. 4.
Krzhizhanovskii, G. - On the ways to general electrification of agriculture. p. 4.
Crown Prince of Yemen in Moscow. p. 5.
Kondrat'eva, V. - Great son of the Bulgarian people. p. 5.
International cooperation of polar explorers. p. 5.
Romanov, N. - Spartakiada of the Peoples of the U. S. S. R. p. 6.
Shustikov, Vl. - Lights above Chul'man. p. 7.
Tikhonov, Nikolai. - White wonder; tale (to be continued). p. 9.
Verse of Yugoslav poets. p. 13.
Rudin, Vl. - Trains are operated by automatic machines. p. 14.
Dostupova, T. - Author of the "Marseillaise." p. 16.
Dakshcev, V. - From the collection of our museum. p. 16.
Galin, D. - We are the creators of life. p. 17.
Ponomarev, V. - Peaceful old age. p. 20.
Khazarika, Bhupendra K. - India's folk songs. p. 21.
Science and technology in foreign countries. p. 22.
Sukharevich, V. - Kocharian recites the Odyssey. p. 23.
Volkov, N. - Living portrayals. p. 23.
Shcherbinovskii, N. - Twenty thousand kilometers across Iran. p. 24.
Marshak, S. - Why the moon has no dress; verse. Old Serbian fairy tale. p. 26.
Kochetov, V. - Two weeks in France. p. 27.
Parkhomovskii, E. - The motorist needs love. p. 30.
Margunov, IA. - The case about the briefcase filled with money. p. 31.
Witness of the 1956 revolt. p. 32.
Kuprilanovskii, P. - M. Gor'kii's gift to Palekh artists. p. 32.
Finnish humor. p. 32.
Crossword puzzle. p. 32.
Dresses for the summer. p. 32.

Vol. 34, no. 26(1515), June 1956.
Table of contents translated:
Friendship forever. p. 1.
Kanevskii, Semon. - Stages of creative work. p. 6.
Khalif, Lév. - Two poems. p. 7.
On the Red Sea shores. p. 8.
Tikhonov, Nikolai. - White wonder; a tale. p. 9.
Marchenko, A., Khotimskii, B. - "Double-dealing" in pedagogics. p. 13.
Boletskaia, V. - The elder's advice "On literature." Fedor Gladkov. p. 13.
Rudin, Vl. - We are going to the country. p. 14.
Pokrovskii, N. - The Polozov family. p. 16.
Filippov, Vl. - Borisov in the play "Abyss." p. 16.
Klimashin, V. - An artist's renaissance. p. 16b.
Adamian, Nora. - Little sister; a story. p. 17.
Polevoi, Boris. - Venice, the city of workers. p. 23.
Gal'perin, IU. - The first polar flier. p. 25.
Visit by Soviet seamen. p. 26.
Vasil'ev, V. - A stand dedicated to a hero. p. 27.
Achievements of Soviet photographers. p. 27.
Martynov, M. - Biography of a scratch team. p. 28.
Dalkhes, I. - From the history of the post. p. 30.
Chaplygin, IUr. - Legal spoilage. p. 30.
Alekseev, B. - A portrait of Copernicus. p. 32.
Trikhmnnenko, V. - One of Kamchatka's wonders. p. 32.
Japanese sayings and proverbs. p. 32.
Crossword puzzles. p. 32.

Vol. 34, no. 27(1516), July 1956.
Table of contents translated:
Riabchikov, E. - Great Aviation Day. p. 1.
The Iranian Shah came to the U. S. S. R. p. 4.
Podkliuchnikov, M. - We shall remain friends. p. 4.
Kozhevnikov, Savva. - Ilsin min. p. 6.
Tikhonov, Nikolai. - White wonder; a tale (to be continued). p. 9.
Sidorov, A. - Soviet book exhibition. p. 13.
Kuhn, Albert. - The fog has not yet lifted; translated from the English. p. 14.
Fomenko, IA. - Depths and shoals. p. 15.
Komissarzhevskii, V. - In Moscow again. p. 17.
Miletskii, IA. - For our household. p. 19.
Zamkova, R. - The old man from Hemingway's book. p. 21.
Shcherbinovskii, N. - Twenty thousand kilometers across Iran. p. 22.
Morozova, N. - Plays at the Sverdlovsk theater. p. 25.
I. A. Likhachev; obituary. p. 25.
R. M. Glier; obituary. p. 25.
Grigor'ev, A. - Gamma rays examine the consistency of metals. p. 25.
Volodin, Aleksandr. - The lesson went off as usual; a story. p. 26.
English fashions. p. 28.
Kuleshov, A. - At the "Mikhailpasha" stadium. p. 29.
Three soccer matches with a Brazilian team. p. 29.
Matches in the ring. p. 29.
Valerin, N. - At the hippodrome. p. 30.
Vollanskii, G. - European stations can be received on television in Poltava. p. 32.

Vol. 34, no. 29(1517), July 1956.
Table of contents translated:
Poliakov, V. - Harvest in the Kuban. p. 1.
Semenov, IU., Gostev, A. - In a cordial and friendly atmosphere. p. 3.
Cambodian statesmen on Soviet land. p. 3.
Kravchenko, P. - "Ikh nadom" - great holiday in Ulan Bator. p. 4.
Platkovskii, V. - "Day of the Fighters." p. 6.
Nepomniashchii, K. - Passengers of the peace train. p. 6.
Kelk, Cornelis. - Rembrandt. p. 7.
Tikhonov, Nikolai. - White wonder; a tale. p. 9.
Burning problems in the work of teachers. p. 14.
Gur'ianov, A. - Therapeutic venom. p. 15.
Riabchikov, E. - Cruise to the Antarctic. p. 17.
Fomenko, Vladimir. - Children; a story. p. 25.
Sadovskii, E. - Dzerzhinovo. p. 27.
Lomova, V. - In Holland; a tourist's notes. p. 28.
Rzhonsnitskii, B. - A life dedicated to science. p. 29.
Sofronov, A. - Mr. Kluckhohn's jokes. p. 30.
Absent-minded photographer. p. 31.
Vitol, A. - Year of birth 1956. p. 32.
Crossword puzzle. p. 32.
English humor. p. 32.

Vol. 34, no. 30, July 1956.
Table of contents translated:
Got ready for the Spartakiada. p. 1.
Full agreement on principles. p. 2.
Cherevkov, K. - Our amendments were accepted. p. 2.
Serbin, A. - George Morgan, the builder of a subway. p. 3.
Kudrovatykh, L. - On Polish shores. p. 4.
Titov, Vasilii. - Diesel locomotive goes to the east. p. 6.
Kruzhkov, Nik. - A painter's achievement. p. 8.
Hoym, Stefan. - The bacillus; a story. p. 9.
Balashov, N. - The great master of the drama; on the 100th anniversary of Bernard Shaw's birth. p. 13.
From unpublished letters. p. 14.
Stepniak and Shaw. p. 14.
Underground gas producers. p. 14.
Sofronov, A. - In Orenburg steppes; a reportage. p. 15.
Polynin, V. - White curtains on shopwindows. p. 19.
Busurin, IA. - "Romanov sheep." p. 19.
Leon, Maria Teresa. - Visiting Lolita Torres. p. 19.
Pimenov, V. - Theatrical summer. p. 20.
Markov, Alekseі. - Mikhail Lomonosov; a narrative poem (to be concluded). p. 21.
Kahn, Albert. - Writers' affairs; a letter from the United States. p. 26.
We are ready for the Spartakiada. p. 26.
Gastev, A. - Joy of creative work. p. 27.
Grineva, M. - With the Gavrilin family again; a sketch. p. 28.
Literary publications in the sixth five-year plan. p. 28.

Kurganov, V. - They hear again. p. 28.
Karbovskaia, Varvara. - In the end; a story. p. 29.
Golubev, Gleb. - Alone on the ocean. p. 30.
Rozina, N. - A dog as a boat hauler. p. 32.
In a Polish village. p. 3 of cover.

Vol. 34, no. 31(1520), July 1956.
Table of contents translated:
Cherevkov, K. - Tomorrow we go out to sea again. p. 1.
Friendship. p. 4.
Petrov, D. - This we will not permit. p. 6.
Tokusaburo, Dan. - Friendship of Asiatic countries. p. 7.
Cherevkov, K. - Dutch squadron in Leningrad. p. 8.
Babaevskii, Semen. - Eldest son; a story. p. 9.
Gorodinskii, V. - Prophetic singer of music. p. 11.
Rubin, E. - The first athletic category. p. 12.
Konstantinov, IA. - One more centimeter. p. 13.
Khrabrova, N. - Festival of student friendship. p. 14.
Chentsov, R. - Anatolii Puzych and his family. p. 14.
Mol'nikov, V. - The first industrial exhibition in Moscow. p. 15.
Ivleva, I. - Visitors from Vietnam. p. 15.
Arlazorov, M. - Earth seen through the automatic apparatus. p. 16.
Markov, Alekseі. - Mikhailo Lomonosov; a narrative poem. p. 17.
Meshki, I. - Blue constellation of the Kura. p. 21.
Miletskii, IA. - Visiting the city police officer on duty. p. 22.
Authors and books. p. 24.
Novikov, Andrei. - Meetings on the set. p. 25.
Sofronov, A. - In the Orenburg steppe. p. 26.
Popovkin, Evg. - How Katerina was elected. p. 30.

Vol. 34, no. 32(1521), Aug. 1956.
Table of contents translated:
In honor of Soviet sports. p. 1.
Bal'termants, Dm. - They are our future. p. 2.
Kassil', Lev. - Remembering and foretelling. p. 5.
We obtained a high crop yield, let's harvest it on time and without losses. p. 6.
Grigor'ov, A. - Raisa Teveleva's gold medal. p. 8.
Adamaenko, E. - "Accounting" in pedagogics. p. 8.
Trifonov, IUrii. - Accidental neighbor; a story. p. 9.
Rubin, E. - Participants in two Spartakiadas. p. 13.
Be keen on sports. p. 14.
Kotov, Vladimir. - On the Black Sea shore. p. 16.
Riabchikov, E. - Egyptian flag. p. 17.
Khrabrova, N. - They are at home. p. 19.
Narin'iani, Sem. - In spite of subordination. p. 20.
Polevoi, Boris. - Legacy of an artist. p. 22.
Ivanov, V. - Art of India. p. 24.
Zlatogorov, Mikh. - Continuation of a feat. p. 25.
Il'icheva, I. - The entire family is vacationing here. p. 26.
Taratuta, E. - Parcel from New York. p. 27.
Jan Nagurski in Moscow. p. 30.
San'ko, Galina. - Cannons from Bering's ship. p. 30.
Laskin, Boris. - Madame Butterfly. p. 31.

Vol. 34, no. 33(1522), Aug. 1956.
Table of contents translated:
Review of strength and beauty. p. 1.
The Spartakiada continues. p. 2.
Morozov, S. - Construction on wheels. p. 4.
Kukhtarev, M. - Harvest is at its height. p. 5.
Kozhukhova, O. - The farmers of Voronezh Province keep their word. p. 5.
Grineva, M. - The boarding school is ready. p. 7.
Poshchinskaia, F. - Builders' performance on stage. p. 7.
Perventsev, Arkadii. - Letter mailed to Kosong. p. 7.
Starkov, A. - Difficult job. p. 9.
Marshak, S. - Two fairy tales. p. 14.
Polevoi, Boris. - Visiting Lada. p. 15.
Hardy, Frank. - Stories about a faraway country. p. 17.
Cherevkov, K. - Malaya Yelizavetinskaya. p. 20.
Davydova, Natal'ia. - How are you, my first love; a story. p. 22.
Authors and books. p. 25.
Konstantinov, K. - Furs are sold by auction. p. 25.
Rudin, Vl. - Looking for mushrooms. p. 26.
Riabchikov, E. - Silence. p. 29.
Asanov, Nikolai. - Diplomaed bride. p. 30.
Vershinina, I. - Two professions. p. 31.

Vol. 34, no. 34(1523), Aug. 1956.
Table of contents translated:
Mikhalevich, Aleksandr. - Ukrainian secrets. p. 2.
Ionescu, M. - Lesson in geography. p. 5.
Cherevkov, K. - Thirty-two years later. p. 5.
Panchenko, Pimen. - Great poet of the White Russian people. p. 6.
Surkov, E. - D. Nusic and A. I. IUzhin-Sumbatov. p. 6.
Drachinskii, Nikolai. - The future of Egypt. p. 7.
Hardy, Frank. - Stories about a far-away country. p. 9.
Troitskaia, T. - Hardening seeds the Siberian way. p. 13.
Abalkin, N. - Exhibition in Venice. p. 14.
Kataev, Valentin. - Six good and different people. p. 16.
Jacobs, John. - Through the eyes of an American farmer (to be concluded). p. 17.
Podorol'skii, N. - Painter Nikolai Chekhov. p. 20.
Naglbin, IUrii. - The decoy; a story. p. 21.
The great success of the Spartakiada. p. 26.
Kozlovskii, N. - On the Dnieper beach. p. 26.
Nakadzima, Ivao. - Letter from Japan. p. 30.
Zaprotilin, V. - The parcel contains bees. p. 30.
Dovgal', M. - Swordfish on a sand bank. p. 30.
Alekseev, B. - Observing the sun with the naked eye. p. 31.

B th

Vol. 34, no. 37(1526), Sept. 1956.
Table of contents translated:
President of Indonesia, Sukarno, in the U.S.S.R. p. 2.
Nepomniashchii, K. - Thomas Driberg in Moscow. p. 3.
Ponomarev, V. - Heroic relay race. p. 4.
Amshinskii, M. - Children's literature in the sixth five-year plan. p. 4.
Honorary medals of the city of Luxemburg. p. 4.
Ignatov, Iv. - Vegetables and fruits for the nation's capital. p. 4.
Bugaeva, M. - Visiting our Bulgarian friends. p. 5.
Drachinskii, Nikolai. - Villagers of Dolovo choose their ways. p. 6.
Spiridonova, Vera. - Brighter than the sun; a story. p. 9.
Il'icheva, Ir. - "Your son is in good health again." p. 13.
Faurit, G. - Automobiles that we are waiting to see. p. 14.
Lidin, Vl. - Ancient tale. p. 15.
Slavin, Lev. - Three books; notes of a writer. p. 17.
Vershinina, I. - Motion pictures of two countries. p. 19.
Chabrol, Jean Pierre. - In Iceland. p. 19.
Ozerskii, Al. - Automatic blast furnace. p. 21.
Novikov, A. - Milk. p. 22.
Borovik, G., Semenov, IU. - Robertson is an exception. p. 24.
[Alovoi, A. - First smelting has been made. p. 25.
Motion-picture story of Georgios Dzavellas. p. 25.
Kolobkov, N. - A tornado in the vicinity of Moscow. p. 25.
Flor, S. - The twelfth second chess olympiad has begun. p. 26.
Congratulations on your successes, friends! p. 27.
Khersonskaia, A. - Painters and reporters. p. 28.
Grishin, B. - A swindler and parasite is unmasked. p. 29.
Khar'kov, Nik. - Guest performances began that way; a story. p. 30.
Podol'skii, V. - While we are still young; a story. p. 31.

OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS]. Organ of Moskovskii komitet and Moskovskii gorodskoi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Moscow Committee and Moscow City Committee of the Communist Party of the Soviet Union]. Moscow, no. 67, 1956.

Table of contents translated:
Baianov, B. - Communist training of workers. p. 3.
Emel'ianov, V. - Atomic technology and the progress of industry. p. 15.
The Moscow Kremlin. p. 22.
Andreevskii, A. - What is the Interparliamentary Union? p. 33.
Reitbort, A. - Criminal responsibility for robbery. p. 38.
Shumkov, V. - The German Democratic Republic. p. 42.
Sergeeva, S. - What is Goa. p. 52.
Grebenshchikov, V. - How was the present system of counting the days and months of the year evolved. p. 58.

No. 69, 1956.
Table of contents translated:
Tiapkin, N. - What are the methods for lowering production costs. p. 3.
Rozenberg, S. - For what purpose are technical schools established. p. 16.
Melkonian, M. - Socialist reorganization of Chinese agriculture. p. 23.
Arturov, O., Shafir, M. - Federal People's Republic of Yugoslavia. p. 35.
Ryzhikov, V. - Sudan, a new independent state. p. 48.
Viktorov, V. - What are the relations of Japan with its nearest neighbors. p. 56.

p. 29.
Mollycoddle, Boastful fox; Bulgarian folk tales. Translated and adapted by N. Shereshevskaia. p. 38.
On the shores of three seas. p. 41.
Barto, A. - Alesha Ptitsyn develops his character; moving-picture comedy. p. 42.
Fridman, L. - Talk with pioneer activists, Merry vacations. p. 59.
Nagornyi, V. - Learn to slalom. p. 62.
Efimov, Igor'. - My favorite occupation, I want to be a sculptor. p. 65.
In the world of books and magazines. p. 66.
Rubtsova, E. - Nature's calendar, December. p. 72.
From everywhere and about everything. p. 74.
Chkanikov, I. - For the New Year's carnival. p. 76.
Contents of "Pioneer" for 1953. p. 78.
Solutions of problems from no. 11. p. 80.

No. 6, June 1956.
Table of contents translated:
Moshkovskii, A. - Lion from Berbera; a story. p. 2.
Petrovs'kyi, H.I. - Noble habit. p. 6.
Aleksandrova, Z. - Prague in December, In Lidice; verse. p. 9.
Fidler, A. - Fish sing in the Ucayali; from notes of travelers (to be concluded). Translated from the Polish by I. Gorbacheva, IA. Nemchinskii. p. 10.
Roma, R. - The white dog. p. 20.
Shmul'ian, A. - Good neighbors; from English humor. p. 22.
Szeke, György, and others. - Hungarian Pioneers. p. 23.
Savitskaia, IU. - Secret team. p. 29.
Bielicki, Marian. - Tibetan fairy tales: The forgotten song, How birds elected their king; translated from the Polish by IA. Nemchinskii. p. 30.
Kvitko, L. - The tree, The neighbor's axe, My wish; verse. Translated from the Hebrew. p. 33.
Golubev, G. - Bees' "compass," p. 35.
Vitkovich, V., [Agdel'd, G. - Fairy tale about a painter's brush (conclusion). p. 40.
Moralevich, IU. - Atomic locomotive, automobile, and airplane. p. 49.
Our correspondence. p. 53.
Novikova, IU. - When the Bolsheviks come; a sketch. p. 55.
On the sixth continent. p. 64.
Why and how? p. 66.
Voronov, B. - Animals and birds as people. p. 68.
Polikarpov, V. - Sports: Construction in the camp. p. 70.
In world of books. p. 73.
At leisure. p. 80.

No. 7, July 1956.
Table of contents translated:
Voronkov, K., Voronkova, L. - A horn summons the hero; a tale (to be continued). p. 2.
Ivanov, V., Starichkov, A. - Seamen of tomorrow. p. 20.
Roma, R. - On the window sill; a story. p. 22.
Uspenskii, L., Shneider, K. - Rembrandt. p. 26.
Fidler, A. - Singing fish in Ucayali (conclusion). Translated from the Polish by I. Gorbacheva, IA. Nemchinskii. p. 34.
Our mail. p. 43.
Why and how. p. 46.
Rodari, Gianni. - Journey of the sky-blue dart; a tale (to be continued). Translated from the Italian by IU. Ermachenko. p. 49.
Zhurbina, S. - Bosses of a housing block. p. 56.
Rubtsova, E., Sobolev, Dm. - The pencil is a tourist's weapon. p. 60.
Iskander, F. - Buffaloes; verse. p. 62.
Izmailova, R. - Journey to "the land of oddities." p. 63.
Mamlin, G. - The penknife; verse. p. 68.
Krasil'shchikov, A. - Sport, Unusual prize; a sketch. p. 69.
Gorokhov, P. - Fascinating hunt. p. 72.
In the world of books. p. 75.
Leisure hours. p. 79.
Index of butterflies. p. 80.

No. 8, Aug. 1956.
Table of contents translated:
Voronkov, K., Voronkova, L. - A horn calls Bogatyr'; a tale (continuation). p. 2.
Nekrasov, A. - Great Turgay. p. 15.
Those in front. p. 18.
Hetherington, John. - Hunting frogs; a story. Translated from the English by IU. Khazanov. p. 20.
Deich, Aleksandr. - Ivan Franko. p. 24.
Franko, Ivan. - Parable on stupidity. Translated from the Ukrainian by S. Marshak. p. 26.
Novikova, IU. - Road of the brave. p. 28.
Fadoseev, G. - Ulukitkan; travelers' notes (to be concluded). p. 33.
French children's songs. Translated by N. Gernet and S. Gippius. p. 44.
Evgen'eva, E. - Across boundaries. p. 46.
Rodari Gianni. - Journey of the blue arrow; a tale (continuation). Translated from the Italian by IU. Ermachenko. p. 49.
Bogdanov, O. - Adventures of the echis. p. 57.
Kochetkov, K. - Dreams and life. p. 60.
Dikovskii, S. - The saber of Chapai; a fairy tale. p. 64.
Sports. p. 70.
How and why? p. 75.
Our mail. p. 76.
Zveskin, N. - "Golden hands" workshop; arbalest-pistol. p. 78.
Leisure hours. p. 79.
Gorokhov, P.I. - Butterfly catalog. p. 79.

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, vol. 33, no. 6(301), June 1956. [In Ukrainian.]
Table of contents translated:
Usach, Grigorii. - Coevals; a narrative poem. Translated from the Russian. p. 1.
Marshak, S. - Three encounters; translated from the Russian. p. 3.
Zahrebel'nyi, Pavlo. - Where the skylarks sing; a tale (continuation). p. 6.
Stepichev, M. - White coal; a sketch. p. 11.
Oleshko, O. - Up the Goverla; a sketch. p. 14.
Works of young sculptors; photos. p. 16.
Shmerling, Volodymyr. - "Ataman Frolov"; a story. p. 18.
Zafulovs'kyi, B. - Miraculous substances. p. 23.
Zbanats'kyi, IU. - Fable on a brother and a sister, a quick titmouse named TSin'-TSin', a butterfly with silk wings, and an old sparrow by the name of Chirik. p. 24.
We're helping mamma; a photograph by V. Khramtsova. p. 29.
Syrovats'kyi, A., Bilotserkova'kyi, B. - The school of athletics; a photosketch. p. 30.
Bilous, Dmytro. - When will you cease to destroy the birds' nests, Kindrat? verse. p. 30.
Marunych, O. - Comedy; verse. p. 30.
Read these books. p. 31.
Puzzle for clever ones. p. 32.

Vol. 33, no. 7(392), July 1956. [In Ukrainian.]
Table of contents translated:
Pishchans'kyi, A. - Starting summer trips. p. 3.
TSiupa, I. - At the natal bonfire; a sketch. p. 4.
Talk on the sixth five-year plan; Leonenko, H. - On our country's railroads. p. 7.
German, IUrii. - Popular education; a story. Translated from the Russian by R. Tereshchenko. p. 10.
Petrov, IU. - At the Upper Vistula; verse. Translated from the Russian by V. Shevchuk. p. 12.
TSynkova'kyi, I. - Visiting with Nezhin students; a sketch. p. 13.
Glikman, G. - From a painter's album; drawings. p. 16.
Voronkova, L. - Fedia and Danilko; a story. Translated from the Russian by O. Kopilenko. p. 18.
Zahrebel'nyi, P. - Where skylarks sing; a tale (continuation). p. 22.
Shkarovs'ka, I. - "Forever and ever." p. 26.
Makrushchenko, P. - Black storks; a story. Translated from the Russian by A. Shilan. p. 26.
Verse on summertime:
Kulish, L. - First thunder; translated from Russian by D. Chalyi. p. 31.
Kurlat, I. - Grasshopper-the blacksmith; translated from the Russian by D. Chalyi. p. 31.

Vol. 33, no. 8 (393), Aug. 1956. [In Ukrainian.]
Table of contents translated:
Portrait of I.IA. Franko. p. 1.
Franko, Ivan. - Halahan, "New life" (excerpt from a poem); verse. p. 2.
Kyrii, I. - Clues to happiness; a story. p. 3.
Kolesnyk, Petro. - The orphan; a story. p. 6.
[Eromyts'kyi, O. - Automation and telemechanics - two sisters. p. 9.
Voloshyn, Ivan. - The pollen; a story. p. 12.
Zales'ka, S. - Whose porridge tastes better; a sketch. p. 18.
Zahrebel'nyi, Pavlo. - Where skylarks sing; a tale (conclusion). p. 21.
Pohrebets'kyi, M. - Master of the skies; a sketch. p. 24.
Khramtsov, V. - The first fish; photo sketch. p. 27.
Stel'makh, Mykhailo. - Why hares do not have toothaches; verse. p. 28.
Zakharov, N. - Learn to carve with a fretsaw. p. 30.
Read that book. p. 30.
Zbanats'kyi, IU. - Writers for children. p. 31.
Puzzle for clever ones. p. 32.
Zelenieva'ka, Lidiia. - Bunnies; verse. Translated from the Russian by V. Shevchuk. p. 32.

RUSSKII V AVSTRALII. THE RUSSIAN IN AUSTRALIA. Published by the Russian Central Welfare Committee. Sydney, vol. 6, no. 9(68), Sept. 1956.

SOGLASIE [CONCORD]. Published by Russkoe soglasie [Russian Concord]. Los Angeles, Calif., no. 61, Nov. 1956.

SOTSIALISTIK ÜZBEKISTON. SOTSIALISTICHESKII UZBEKISTAN [SOCIALIST UZBEKISTAN]. Tashkent, vol. 15, no. 6(174), June 1956. [Parallel text in Uzbek and Russian.]
Table of contents translated:
According to the sixth five-year plan. p. 2.
An outstanding contribution to the cause of peace; the

historical visit of N.A. Bulganin and N.S. Khrushchev to England. p. 4.
Nikolaev, A. - The Kayrak-Kum Hydroelectric Power Station. p. 6.
Batygin, A.G. - The great Angren. p. 9.
Glinberg, D. - At a field workers' camp. p. 12.
M. Gor'kii; on the 20th anniversary of his death. p. 14.
Belotserkovskii, K. - Tashkent Sea. p. 14.
Ismailov, R. - For records and sports for the people. p. 16.
Brief news. p. 18.
On the stages of the capital. p. 19.
A daring question. p. 20.

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 6, June 1956. [In Ukrainian.]

Table of contents translated:

Improve motion-picture service for the rural population. p. 1.
Khil'ko, V. - Basis of the economic power of the U.S.S.R. p. 3.
Hurzhii, I. - Courageous fighter against religion. p. 6.
Tishchenko, V. - Dissemination of great party plans. p. 9.
Kazutova, L. - Provincial inspection of libraries. p. 12.
Koliadenko, H. - Kaminsk rural library. p. 14.
Bohomazov, M. - Work of Ukrainian film studios. p. 17.
Zavdovyov, V. - During the days of the field work. p. 19.
Bondarenko, F. - Closer to collective farm production. p. 21.
Irzhava'kyi, Z. - Satisfy cultural needs of workers more completely. p. 22.
Kotil'ov, V. - Brilliant concert. p. 23.
Orchards and parks shall bloom. p. 24.
Poredenii, V. - For high-quality lectures on atheistic subjects. p. 26.
Hashenko, O. - Cultural propaganda groups report. p. 28.
Martus', V. - Students help clubs. p. 29.
Shpiner, E. - Raise the standard of motion-picture advertising. p. 30.
Strengthen the material basis of cultural institutions. p. 32.
Kolomiitseva M., Bohdanovych, S. - Unnecessary shortcomings. p. 34.
Landa R. - Work with newspapers and magazines in the library; consultation. p. 36.
Mykhailov O. - V. I. Lenin on culture and art. p. 38.
Ushchenko O. - Sing, my brown-eyed girl; a song. p. 40.
Kalugin, I. - Clear water; a song. p. 41.
Lysenko, M. - Kamenka. p. 42.
Hovdia, P. - Master of battle-scene painting. p. 43.
Kolomiiets', A. - In memory of K.G. Stelsenko. p. 43.
Skorobohatova, H. - Visiting our Hungarian friends. p. 44.
See these films. p. 45.
Chess and checkers. p. 46.
New books. p. 47.
Leisure hours. p. 48.

Vol. 10, no. 8, Aug. 1956. [In Ukrainian.]

Table of contents translated:

The district library. p. 1.
Bondarenko, V. - Agriculture in the sixth five-year plan. p. 3.
TSmokalenko, D. - Museum of the great mason. p. 6.
In honor of the anniversary; selected notes. p. 9.
Bil'chenko, M. - After the lecture of a field unit leader. p. 11.
IEmets', P. - Meetings for questions and answers. p. 13.
Oleksiienko, P. - In these busy days. p. 14.
IUrchenko, M. - A festival of beauty and strength. p. 16.
Strelovych, M. - In order to increase the number of readers. p. 19.
Petrenko, H. - Disseminate the practice of progressive clubs. p. 20.
Cultural progress in Kiev Province. p. 22.
TSvitatenko, O. - Library in Golubinoye village. p. 24.
Pynych, O. - A park has been planted. p. 25.
Bekotova, V. - Art of young people. p. 26.
Kolomiiets', V. - Theater groups in rural clubs. p. 27.
Bud', A. - Clubs and motion pictures. p. 30.
Bulyhin, M. - Methodological work in the library. p. 32.
Bookselling; selected notes. p. 34.
Kosova'ka, I. - My practice in the acquisition of books for libraries. p. 35.
Lushchan, O. - The first experience. p. 36.
Matvieiev, M. - With Communist Youth League courage. p. 39.
Nikutin, IUrii. - The pass through the mountain; a play. p. 40.
New books. p. 47.
See these motion pictures. p. 47.
Leisure hours. p. 48.

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, no. 4(74) Apr. 1956.

Table of contents translated:

Vladimir Il'ich Lenin; on his 86th birthday. p. 1.
At the Lenin museum. p. 2.
Picture reporting of "Sovetskii Soiuz." p. 3.
Boleslaw Bierut; obituary. p. 4.
Atomic icebreaker. p. 5.
The most important. p. 6.
Who is reading? p. 19.
Petukhov, V. - Cosmic ray generator. p. 12.
S. Konenkov. p. 16.
Mar, Evgenii. - In the evening. p. 18.
Amateur art activities. p. 20.
Aleksandrovskaia, Larisa. - Marinka. p. 21.
Vishnevskii, A. - "We admire your instrument." p. 22.
Spring sowing. p. 24.
Lebedev, S.A. - Eight thousand calculations in one second. p. 25.
Gelman, B., Gorbunov, I. - The first motion picture. p. 26.
Spring is here. p. 26.
Brief news. p. 28.
Korolev, IU. - At the Balashov family. p. 29.
Vishnia, Ostap. - At the hairdresser's. p. 32.
Shakhovskii, V. - Bear circus. p. 34.
Dymkovo toys. p. 36.
Picture reporting of "Sovetskii Soiuz." p. 37.
Patriarch Alekse'i's American guests. p. 38.
Brief interviews. p. 39.
Snowfalls and snowstorms. p. 39.

No. 5(75), May 1956.

Table of contents translated:

Friendship mission. p. 2.
Visiting Asiatic countries. p. 4.
Siberia's tomorrow. p. 5.
We won! p. 6.
Volcanic eruption. p. 9.
On virgin land. p. 10.
Our friend the atom. p. 12.
Newspaper of the young. p. 14.
Karpenko, A. - On roads and without roads. p. 16.
Ioganson, B. - In preparation for the artists' congress. p. 18.
Borian, Gurgen. - Armenian art. p. 20.
Baliukonis, Kristus. - Return. p. 24.
To the inhabitants of Moscow. p. 25.
Where did the people go? p. 26.
Summer is coming. p. 26.
Utkin, I. - At the Suidnuai nursery. p. 30.
"Good deal in a businesslike atmosphere." p. 33.
Privalov, Bor. - It's a boy! p. 34.
Brief news. p. 36.
Eighty years of married life. p. 36.
Rozhkov, I. - Precious finds. p. 36.
Mail from Antarctic regions. p. 36.
Mantolfel', P. - During the transmigration. p. 36.
Not a single human life lost. p. 37.
Our interviews. p. 40.
Humor. p. 40.

No. 6(76), June 1956.

Table of contents translated:

A visit which strengthens a traditional friendship. p. 1.
From declarations of the U.S.S.R. government on disarmament problems. p. 2.
U.S.S.R. visit of the President of the Federal People's Republic of Yugoslavia, Marshall Iosip Broz Tito. p. 3.
Murav'eva, N.A. - The pensions are getting higher. p. 4.
Aleksandr Fadeev; obituary. p. 4.
Sheremet'ev, A.G. - Much depends on this. p. 5.
Across the Gobi Desert. p. 6.
Zamarov, Sultan, and others. - Your friends. p. 8.
Markov, K. - In the Antarctic. p. 12.
Hello! p. 14.
Lebedev, P. - Treasure house of Russian Art. p. 16.
"I love you!" p. 20.
Voitsekhovich, M. "Cigarette?" p. 22.
At a doorway. p. 24.
Dulal Chakraborti's correspondence. p. 26.
Zolotov, IU. - Unusual autograph. p. 28.
Doves of peace. p. 28.
Bookkeeper Krasnokutskii's three-hundred parts. p. 28.
Shustov, V. - For the exhibition in Vienna. p. 28.
Gliazer, S. - Skating in the summer. p. 28.
Mar, Evgenii. - Alarm. p. 29.
Privalov, Bor. - "Pepper"... and others. p. 32.
Mel'nik, Ivan. - We and the Scythians. p. 34.
Avdeenko, Galina. - Today's dinner menu. p. 36.
Varnum, G., and others. - Guests from England. p. 37.
About soccer. p. 38.
Our interviews. p. 40.
Henrik Ibsen. p. 40.
Fashions. p. 3 of cover.

No. 7(77), July 1956.

Table of contents translated:

U.S.S.R. visit of the President of the Federal People's Republic of Yugoslavia, Iosip Broz Tito. p. 1.
N.A. Bulganin's messages. p. 4.
Orelov, L.E. - Five hundred and ninety-three million tons. p. 5.
Zakharchenko, Vas. - Roads of friendship. p. 6.
Lapin, K. - The switch is on! p. 10.
Arkad'ev, M. - A Sunday at the Budennyi collective farm. p. 12.
Khalip, IA. - Our plant, our work, our trade union. p. 14.
Kind, Natalila. - Pipe of peace. p. 18.
Smirnov, I. - A new house. p. 20.
Levshin, V. - Cold light. p. 22.
It's payday today. p. 24.
Savel'ev, A. - India - U.S.S.R. p. 25.
Engineer Cherneta's conveyor. p. 26.
Lapchinskii, A. - Surgeons are experimenting. p. 28.
Collective farm pensioners. p. 28.
Grabar', Igor'. - Rembrandt, 1606-1950. p. 30.
Lagerlöf, Selma. - Bewitched little boy. p. 32.
The races. p. 34.
Fashions. p. 36.
Air Force Day. p. 37.
Anikst, Aleksandr. - Bernard Shaw, 1856-1950. p. 38.
One million and two hundred thousand men. p. 38.
Our interviews. p. 39.
The school year is over. p. 40.
Brief news. p. 41.

No. 8(78), Aug. 1956.

Table of contents translated:

Fifth session of the Supreme Soviet of the U.S.S.R. p. 1.
Diary of events. p. 2.
Day of Poland's rebirth. p. 4.
Rising sharply. p. 5.
Who? Whither? Why? p. 6.
Belogorskii, B. - Let's go through the park. p. 8.
Polyaaev, Vladimir. - Sports at the plant. p. 12.
Filatov, L. - On your marks! p. 14.
Kachalin, G. - Our picked team. p. 16.
Galaktionov, V. - Prospectors. p. 18.
Champions and record holders. p. 20.
Kimriakov, V. - Durov's corner. p. 22.
Mukhar, V. - Children's fashions. p. 23.
Champions and record holders. p. 24.
Shakhmatov, Ch. - On the collective farm. p. 26.
Babikov, A., Kiselev, V. - In the Institute. p. 28.
Borisov, I. - Strong men. p. 28.
Stars of the Russian ballet. p. 29.
Sobolev, P. - International meetings. p. 32.
What's new. p. 34.
Soviet-Yugoslav friendship lives and grows strong. p. 37.
Isnev, E. - Spartakiada of the Russian Federation. p. 38.
Gromova, A. - Ivan Franko. p. 40.
Interview with Engineer Morgan. p. 40.

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, no. 11(170), June 1956. [In Ukrainian.]

Table of contents translated:

Honchar, Oles'. - Springtime in the steppe; an excerpt from the novel "Porekop." p. 1.
Verse of young poets. p. 6.
In the name of peace and friendship. p. 7.
Mel'nikov, I. - Cities-friends. p. 8.
Romanika, Mykola. - The Polesye Ivanovo. p. 9.
Zakaliuk, K. - Here buildings are made. p. 9.
Bezorud'ko, Viktor. - Well, there's Lubnyi p. 10.
Shchepenko, Mykola. - Lessons of life; a sketch. p. 12.
Suprunenko, Pavlo. - No, this is not the year 2000. p. 14.
Lytvak, Hryhorii. - "A ballad about Lenin." p. 16.
Art of friendly India. p. 16.
IAkhontov, A. - Our museum. p. 17.
Kanova'kyi, A. - A motor on a bicycle frame. p. 17.
Poliksha, V. - Born in the skies. p. 17.
Arutiunov, O.I. - Visiting descendants of Hua T'o. p. 18.
How was the census in China made? p. 18.
Liaskova'kyi, Volodymyr. - A master of delicious dishes; a sketch. p. 20.
For a better service. p. 21.
Dar'ia. - The uprising; a story. Translated from the Iranian. p. 22.
Leichenko, H. - Artists of Bucovina. p. 24.
Vil'nyi, Volodymyr. - Return from beyond the ocean. p. 25.
On the different continents; photos and notes. p. 26.
Dmitruk, V. - In the courtyard of an office; a sketch. p. 28.
Vledin, Vs. - A radio center at a machine-tractor station. p. 29.
Lymar, IU. - Ukrainian ceramics. p. 30.
Lypnyts'kyi, I. - And now - Smyslov and Botvinnik. p. 31.
The rich landowner and the poor man; an Uzbek folk tale. p. 32.

No. 12(171), June 1956. [In Ukrainian.]

Table of contents translated:

Pathway of fraternal friendship. p. 1.
Good luck; a sketch. p. 3.
Larin, K. - On a passenger jet plane. p. 4.
Khalems'kyi, N. - The "general's" inspection; a sketch. p. 5.
A single family. p. 8.
Zarudnyi, Mykhailo. - Light; a story. p. 9.
Verse of Gianni Rodari; translated from the Italian. p. 11.
Shopol', Illia. - In the village of Chervonnoye; a sketch. p. 12.
Latyshev, Mykhailo. - The apple blossom; a sketch. p. 14.
The tropics in Kiev. p. 15.
Mol'vo, A., Bilotserkivs'kyi, A. - Under the Crimean sun; a sketch. p. 16.
Orzeszkova, Eliza. - An old legend; a story. Translated from the Polish. p. 17.

B 1b - 2b

Chichkanov, P. - The creator of the Sevastopol' panorama. p. 17.
Rozovs'kyi, Mykh. - Volhynian miners; a sketch. p. 18.
New methods of painting industrial goods. p. 19.
An electron ion microscope-projector. p. 19.
On the way; photos. p. 20.
Chalyi, Bohdan. - The land of late spring. p. 22.
Symonovych, Mykola. - A glance into tomorrow. p. 24.
Winnington, Allan. - A journey to Tibet (continuation); translated from the English. p. 26.
Hnidenko, B.V. - Twenty thousand calculations in a second. p. 28.
Andric, Ivo. - Firewood; a story. Translated from the Serbian. p. 29.
Krylov, M. - A poultry factory. p. 31.
Stefanchuk, V. - The raccoon fisherman. p. 32.
Samoilovs'kyi, I. - Ancient names of the Dnieper. p. 32.

No. 13(172), July 1956. [In Ukrainian.]
Table of contents translated:
Nidze, Mykhailo. - Good-by, dear friends. p. 2.
Wings of our fatherland. p. 4.
Chebalin, Petro. - Builders of mines; a sketch. p. 6.
Bielialev, V. - A blast-furnace is built in 6 months. p. 8.
Parkhomov, Mykhailo. - Now we have a new reinforcement; a story. p. 9.
Franko, Taras. - On the pathways of his native land; reminiscences about Ivan Franko. p. 11.
V.M. - City of motion-picture miracles. p. 12.
Bilets'kyi, Platon. - Rembrandt and Shevchenko. p. 15.
Faktorovych, M. - Bard of the sea. p. 16.
Stavnitser, M. - After the 10th voyage to the Antarctic. p. 17.
Samsonova, M. - Our Marlia; a sketch. p. 18.
Boguslavs'kyi, M. - Golden bottom of the new sea. p. 19.
Ryl's'kyi, Maksym. - In fraternal Poland. p. 20.
Bachura, Semen. - Good computation means better living; an essay. p. 22.
Lymar, IUr. - Laboratory above the clouds. p. 24.
IAmpol's'kyi, IU. - The compact; a story. p. 25.
TSekhonia Ivan. - Stolen island. p. 26.
Voltans'kyi H. - The falcon wings. p. 28.
Aleksandrov, D., Viedin, Vs. - Collective farm riders; an essay. p. 30.
Lypnyts'kyi, I. - What opening to choose? p. 32.
The Hungarian circus. p. 3 of cover.

No. 14(174), July 1956. [In Ukrainian.]
Table of contents translated:
Barykin, K. - Kingdom of science and technology; a report from the all-Union industrial exhibition. p. 2 of cover.
Soviet Navy Day; photos. p. 1.
Sounds of harvesting time. p. 2.
Spartakiada of the Ukrainian S.S.R. p. 3.
Starykov, Ivan. - Mighty oil. p. 4.
Berezhnyi, Vasyl'. - Franko's apple trees. p. 6.
Canadians get ready for the anniversary. p. 7.
Kucher, Vasyl'. - Good-by to the sea; excerpt from a novel. p. 8.
V'ialov, O.S. - Homecoming from a mysterious land. p. 12.
Usenko, Pavlo. - From a new book; verse. p. 13.
Bohdanovych, S. - News on Nahirna street. p. 14.
Power of small rivers. p. 16.
Averbukh, O. - Transportation of tomorrow. p. 17.
There is no need to go to the Crimea. p. 18.
Deliusin, L. - Wang Chun's decision is final; a sketch. p. 20.
Zorych, Valentyn. - Three weeks in England; notes of a newspaperman. p. 22.
Roslavets', Olena. - Imre Révész. p. 24.
Mol'vo, V. - A thousand sketches. p. 25.
Outstanding playwright. p. 25.
Tereshchenko, R. - A day at a motion-picture studio. p. 26.
Aškenazy, Ludvik. - Sketches about children; translated from the Czech. p. 28.
Parkhomenko, V. - Birds on a summer day. p. 29.
Vietrov, I. - In the mountains; notes of a mountain climber. p. 30.
Young people in the ring; photos. p. 31.
Larin, K. - Ivan the Terrible as a composer. p. 32.

No. 15(174), Aug. 1956. [In Ukrainian.]
Table of contents translated:
The fifth session of the Supreme Soviet of the U.S.S.R. p. 1.
Aleksandrov, D. - Harvesting is in full swing. p. 2.
When mothers are in the fields. p. 3.
Doctor Radhakrishnan was our guest. p. 4.
"That will be of use." p. 4.
Han, IA. - Vakhtangov Theater actors. p. 5.
Komliev, Hryhorii. - The indefatigables; a sketch. p. 6.
Koval'ov, Mykola. - Stars over Kakhovka. p. 8.
Pys'menna, Larysa. - Three stories. p. 11.
Honcharenko, V. - "First violin." p. 15.
Leichenko, H. - Mail for Ivan Zhizhian; a sketch. p. 16.
Turchenko, IU. - Kiev school of painting. p. 17.
Bielialev, V. - Translator of "Tale of Igor's expedition." p. 17.
Mel'nikov, I. - In the Donets steppe. p. 18.
P.V. - Longevity. p. 19.
Lymar, IUrii. - With a clear conscience; a sketch. p. 20.
Rozhkov, Nikolai. - Confession of a soccer fan; a joke. p. 22.
Chand, Prem. - The gentleman with a quarter; a story. Translated from the Urdu. p. 23.
Naumov, Georgi. - Legend of the Rhodope Mountains. Translated from the Bulgarian. p. 26.
P.S. - Russian strong men. p. 26.
Moroz, I. - Active automatic meteorological stations. p. 27.
Chermiavs'kyi, L. - People of the village of Sunagava. p. 28.
Barykin, K. - Artificial diamonds. p. 29.
Brun'ko, V. - Khust velours. p. 30.
Lypnyts'kyi, I. - One hundred and ninety games. p. 30.
Sierova, O., Kalashnikova, N. - Let us speak about fashion. p. 31.
Depths tell us their secrets. p. 32.

UKRAINS'KE HROMADS'KE SLOVO. UKRAINIAN COMMUNITY WORD. Issued by Ukrains'ka Hromada im. Mykyty Shapovala v ZDA [Ukrainian Mykyty Shapovala Society in the U.S.A.]. Brooklyn, vol. 4, no. 11(47), Nov. 1956. [In Ukrainian.]

VSESVIT. THE UNIVERSE. Neu-Ulm, vol. 2, no. 4(8), Aug. 1956. [In Ukrainian.]

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. Published by Ukrains'ka Vydavnycha Spilka [Ukrainian Publishers, Ltd.]. London, vol. 3(9), no. 11(109), Nov. 1956. [In Ukrainian.]

## 2. BIBLIOGRAPHY

### a) BIBLIOGRAPHY

BIBLOS; ZHURNAL BIBLIOGRAFII, KRYTYKY I RETSENZII [JOURNAL OF BIBLIOGRAPHY, CRITICISM, AND REVIEWS]. New York, vol. 2, no. 11(19), Nov. 1956. [In Ukrainian.]

INSTITUT ZUR ERFORSCHUNG DER UdSSR, Bibliothek. Spiski novykh postuplenii Bibliioteki Instituta. INSTITUTE FOR THE STUDY OF THE U.S.S.R. [Library. Accession Lists of the Institute's Library]. Munich, nos. 25, 27-28, Apr.-July 1956.

KNIGI DLIA DETSKIKH I SHKOL'NYKH BIBLIOTEK; rekomendatel'nyi ukazatel' literatury. 1955. [BOOKS FOR CHILDREN'S AND SCHOOL LIBRARIES; a guide to recommended literature. 1955]. Issued by Gosudarstvennaia biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 4, 1956.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 34-35, 38, 40-42, 1956.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 38-39, 41-43, 1956.

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 3, 1956.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 39-44, 1956.

——Vspomogatel'nye ukazateli [Index], Apr.-June 1956. 221 p.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 31, 33-37, Oct.-Nov. 1956.

NOVYE KNIGI ZA RUBEZHOM [NEW BOOKS ABROAD]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 6(99), June 1956.

SOVETSKIE NOVYE KNIGI [NEW SOVIET BOOKS]. Published by Vsesoiuznoe ob"edinenie [All-Union Association] "Mezhdunarodnaia kniga." Moscow, July (2), 1956.
Table of contents translated:
Physics, chemistry, geology, technology, mechanics, mathematics, astronomy, biology, medicine and agriculture; reviews [of foreign literature]. p. 3.
List of books on natural and exact sciences received by the State Publishing House of Foreign Literature, April 1-30, 1956. p. 132.
Annotated list of books published in Russian translations by the State Publishing House for Foreign Literature. p. 138.

SVODNYI BIULLETEN' novykh inostrannykh knig, postupivshikh v krupneishie biblioteki SSSR. Seriia B: Obshchestvennye nauki [UNION LIST of New Foreign Books Received by the Largest Libraries of the U.S.S.R. Series B: Social Sciences]. Moscow, no. 1(15), 1956.

### b) LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 7, July 1956.
Table of contents translated:
Publicize widely the latest achievements of science and technology. p. 1.
Samokhvalova, L. - Automation and telemechanics of industrial processes. p. 5.
Zaritskaia, V. - How we promote materials of the 20th Congress of the Communist Party of the Soviet Union. p. 10.
Frumin, I. - Obstacles in making books available to the rural population. p. 12.
Kazutova, L., Safronov, A. - Review of work by rural libraries. p. 17.
Elenevskaia, A., Sheveleva, G. - Aid to technical education. p. 20.
Davydova, M. - Kalidasa. p. 24.
Spirina, E. - Organization of the service to readers in the new building of Moscow University. p. 26.
Vatsadze, I. - Improve the reference and bibliography services. p. 30.
Reinforce the methodological aid given to public libraries. p. 33.
Vasil'eva, IU. - Reaction to V.G. Sakharov's article. p. 35.
Andrievskaia, T. - In resort libraries. p. 36.
Nabatova, M. - Some information about the libraries of Yugoslavia. p. 38.
V.I. Lenin on libraries. p. 40.

No. 8, Aug. 1956.
Table of contents translated:
Librarians' demands of publishing houses. p. 1.
Gorbachevskii, B., Nemirovskii, E. - Holiday of the Soviet book. p. 7.
Kunina, A. - Ivan IAkovlevich Franko. p. 12.
Gapchenko, R. - Libraries participate in the All-Union Agricultural Exhibition. p. 17.
Mogushchil, G., Buchatskii, IU., Khmelenko, M. - Improve the administration of rural libraries. p. 23.
Mikhailov, K. - Spread the experience of progressive libraries. p. 26.
Povnilaov, D. - Propagandists of the book. p. 29.
Ostrovskii, R. - In close harmony. p. 31.
Shilina, G. - Let's complete the alphabetical catalog. p. 33.
Sprintsson, V. - Practice in taking inventory of the library's collection. p. 35.
Vugman, I. - Rabindranath Tahore on libraries and librarians. p. 36.
Chizhikova, G. - Bibliographical aids lie in the store houses. p. 41.
Parmas, R. - Inter-library loans. p. 43.
Kutuzova, M., Kenzina, V. - Promoting the publications of local writers. p. 44.
Brief news. p. 46.

BIBLIOTEKI SSSR [LIBRARIES OF THE U.S.S.R.]. Issued by Gosudarstvennaia biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 4, 1955.
Table of contents translated:
Klevenskaia, V.V. - Seminar on a bibliography of geographical literature. p. 3.
Kurbatova, V.G. - Experiment in conducting a readers' conference devoted to a discussion of agricultural literature. p. 40.
Korshunova, E.P. - Bibliographical work of provincial (territorial) and republic libraries. p. 44.
Livshits, S.G. - Experience in organizing a bibliographical card catalog. p. 62.
Bolkova, M.D. - An experiment in processing by categories printed matter in the Novosibirsk province library. p. 66.
Levina, S.S. - Bolshevik bibliography in the years of the first Russian revolution. p. 100.

No. 5, 1956.
Table of contents translated:
Meeting of library supervisors from the Union republics. p. 3.
Kaviaz'eva, A.M. - Status and tasks of the republic libraries. p. 48.
Vadikovskaia, L.M. - Survey of publications by state libraries of the Union republics to promote agricultural literature. p. 77.

c) PRINTING & THE BOOK TRADE

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie rasprostranenila i ekspedirovanila pechati Ministerstva sviazi SSSR [Main Administration for the Dissemination and Distribution of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:

Editorial: Publications of our friends. p. 1.
Yen Hsiao-feng. - In the People's Republic of China. p. 2.
Guests from Czechoslovakia. p. 3.
Moshnin, V. - Demand for publications of the People's Democracies is increasing. p. 4.
Kolendo, L. - In 25 retail outlets. p. 5.
Beksbenev, L. - Stop speaking and start acting. p. 6.
Miagkov, V. - At stations and on trains. p. 7.
Varzanov, I. - No changes on the Volga waterway. p. 9.
Shalin, L. - Our orders are executed unsatisfactorily. p. 10.
Eremenko, I. - Together with the Communist Youth League. p. 11.
Tarasenko, V. - In our workshop. p. 12.
Krikunova, L. - Without newsmen. p.12.
Kamilov, M. - Working actively. p. 12.
Dobrovol'skii, F. - Great opportunities. p. 13.
Fleishman, I. - The leading team. p. 13.
Valivakhin, P. - They do not work with newsmen. p. 13.
Bakhtalin, P. - Analyzing subscriptions to newspapers and periodicals in a given district. p. 14
Gavrilov, A. - How we compute subscriptions according to the delivery terms. p. 15.
Khatskovich, S. - A necessary condition for successful work. p. 16.
Chudilov, N. - Give us a good catalog. p. 17.
Stanislavskii, L. - The procedure for handling orders. p. 17.
Kurenkov, M. - Fulfill socialist obligations. p. 18.
Novak, V. - Post office workers help us. p. 19.
Torba, P. - The year's plan to November 7. p. 19.
IAkovlev, A. - Courses for district organizers. p. 20.
Vasil'ev, B. - More attention to a periodical for young readers. p. 21.
Petrov, P. - Practical advice for making the plan for 1957. p. 22.
In the Union republics. p. 24.
Active organizational work. p. 3 of cover.
Brief news. p. 3 of cover.

No. 8, Aug. 1956.

Table of contents translated:

Editorial: Prepare the subscription campaign for 1957 in an exemplary way and conduct it successfully. p. 1.
Kuvshinov, K. - Some practical problems of the subscription campaign. p. 4.
Ludmer, B. - Getting acquainted with plans of the republic sections. p. 6.
IAkovlev, A. - Prepare rural communication workers. p. 8.
Semin, S. - We are waiting for an annotated catalog. p. 8.
Borisov, L. - Disseminate printed matter skilfully. p. 9.
Follow-up of our publications. p. 9.
Kolomiichenko, S. - New methods in our work. p. 10.
Podoshva, R. - When one works actively. p. 12.
Gorustovich, M. - Sale of newspapers in the streets without vendors. p. 13.
Volodin, S. - The Central Retail Office and centers for direct routing orders. p. 14.
Abramov, V. - Insufficient attention to vacationers in TSkhaltubo. p. 16.
Novokhatskii, M. - Manner of management. p. 17.
Shpilevoi, M. - Problems which must be solved. p. 20.
Ganshin, V. - Publications for cultural workers. p. 21.
Volkov, N. - Why do we do it? p. 22.
Petrov, P. - Procedure for the accumulation and expenditure of the director's fund. p. 23.
Bogdanov, M. - Put an end to bad management. p. 24.
Brief notes. p. 3 of cover.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Glavnoe upravlenie izdatel'stv, poligraficheskoi promyshlennosti i knizhnoi torgovli Ministerstva kul'tury SSSR [Main Administration of Publishing Houses, Printing Industry, and Book Trade of the Ministry of Culture of the U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:

Results of the All-Union book exhibition. p. 4.
Aleksander, K. - How we organized the order system. p. 5.
Kamenkovich, L. - Eliminate excessive stock. p. 7.
Chkhikvadze, F. - Distribution of subscription publications. p. 8.
Miachin, S. - Variety in the stock of a second-hand book store. p. 9.
Chevel', M. - More about topic plans and forms. p. 10.
Gladushina, N. - Specialized book kiosks of consumers' cooperatives. p. 11.
At the all-Union conference of library workers. p. 12.
Zakharian, L. - Build up library holdings in time and regularly. p. 13.
Nazarian, G. - In the library supply agency of Armenia. p. 13.
Alekseev, B., Afanasova, E. - Reference and bibliographical work of the library supply agency. p. 14.
Petrova, Z. - Literary reviews. p. 15.
Shmel'kin, M. - Method for studying unsatisfied demand. p. 16.
Roshanskii, G. - Paid textbook orders. p. 16.
Shirokov, A. - Book trade in the new China. p. 17.
New books published by the Communications Publishing House. p. 20.
Books published by the Foreign Literature Publishing House in 1956. p. 21.
Abdulaev, A. - In a district store of Daghestan. p. 23.
Ponarovskii, R. - Department manager. p. 23.
Okunev, P. - A welcome visitor. p. 24.
Kazanskaia, A. - The book peddler in the railway district. p. 24.
Khammatov, Kh. - Leading store in the republic. p. 25.
Reader's suggestions. p. 25.
Book months and book fairs. p. 26.
Valuev, A. - Lowering marketing costs. p. 28.
Kusakina, M. - Concerning Comrade Podorozhko's letter. p. 3 of cover.
In the Ministry of Culture of the U.S.S.R. p. 3 of cover.

## 3. PHILOSOPHY & RELIGION

a) PHILOSOPHY

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 2, no. 3, May-June 1956.

Table of contents translated:

Miasishchev, V.N. - The role of psychology in medicine. p. 3.
Kolbanovskii, V.N. - Personality as an object of study in psychology. p. 16.
Pinget, Jean. - Problems of genetic psychology. p. 30.
Bogush, N.R. - Phenomena of interaction between the visual and motor analysers in the perception and concepts of movements. p. 48.
Lingart, I. - Nature of the conditioned connection in motor orientation and exploratory reactions in children. p. 65.
IAkobson, P.M. - Psychological peculiarities of constructive activity of 7th class students. p. 73.
Radina, E.I. - Teachers should be equipped with a profound knowledge of child psychology. p. 87.
Gromov, M.D. - New magazine of Rumanian psychologists. p. 91.
Antsyferova, L.I. - Studies on the problem of thinking in modern foreign psychology. p. 95.
Artamov, I.A. - Scientific research work of the Department of Psychology of Moscow Province Pedagogical Institute. p. 112.
Asnin, V.I. - Scientific work of the psychological faculty of Kharkov State Pedagogical Institute. p. 113.
Punl, A.TS. - In the Department of Psychology of Lesgaft Institute of Physical Culture. p. 114.
Rudik, P.A. - All-Union conference on the psychology of sports. p. 115.
Kriazhev, V.IA. - Simultaneous study of specialized and general motor reactions in man by means of a "direflexometer." p. 122.

b) RELIGION

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 35, no. 10, 1956.

KOVCHEH. THE ARK. Published by Sestry Misionarky Pokrova Matery Bozhoi [Missionary Sisters of Mother of God]. Stamford, Conn., vol. 11, no. 8/9, Aug.-Sep. 1956. [In Ukrainian.]

ORTHODOX EASTERN CHURCH, RUSSIAN. PATRIARCH. ZHURNAL MOSKOVSKOI PATRIARKHII [JOURNAL OF THE MOSCOW PATRIARCHATE]. Moscow, no. 4, Apr. 1956.

Table of contents translated:

Easter greeting. p. 3.
Telegram from Athens. p. 3.
Tenth anniversary of the reunion. p. 3.
Reply telegrams. p. 4.
Telegram from New York. p. 4.
Replay telegram. p. 4.
Nomination and ordination of Archimandrite Mstislav (Volonsevich). p. 5.
Address by His Holiness Patriarch Aleksei on conferring the crozier to the newly elevated Bishop Mstislav. p. 7.
Priest-Monk Ioann. - Celebrating the sacrament of penance. p. 8.

Ignatov, P. - On winter vacation. p. 11.
Karmanov, E. - Evening in memory of Archpriest P.I. Turchaninov. p. 12.
Kharlamov, P. - Uspensky Cathedral in Vladimir. p. 13.
Correction. p. 16.
Metropolitan Nikolai. - Palace. p. 17.
Metropolitan Nikolai. - Address to Pastor Ragnar Forbech. p. 20.
Metropolitan Nikolai. - In Norway. p. 22.
Osipov, A. - On liberation. p. 25.
Potapov, I. - The Lord's entry into Jerusalem. p. 29.
Thoughts on prayer by church fathers. p. 32.
Semin, V. - Example of the Orthodox priest. p. 37.

Bishop Mikhail. - Gospels of 1891. p. 43.
Ivanov, A. - New critical edition of the Greek text of the New Testament. p. 49.
Alekseev, A. - Enlivened hopes. p. 58.
Uspenskii, N. - Wreath on the grave of Archpriest Petr Turchaninov. p. 62.
Murav'ev, N. - Church of the Syro-Chaldeans. p. 66.
Bishop Mikhail. - Sign of the times. p. 71.
Derzhavin, A. - "Sermons and addresses," vol. 3. Metropolitan Nikolai. p. 75.
Regulations for admission to theological seminaries for the academic year 1956-1957. p. 79.

No. 5, May 1956.

Table of contents translated:

Easter message from Aleksei, Patriarch of Moscow and All Russia, to the faithful children of the Russian Orthodox Church. p. 3.
Easter greeting from His Holiness Patriarch Aleksei to the heads of the autocephalous Orthodox churches. p. 4.
Easter greeting from Archbishop Geoffrey of Canterbury. p. 4.
Attendance of representatives of the Russian Orthodox Church at receptions in honor of foreign guests. p. 5.
Prelatic activities. p. 6.
Anniversary of a servant of the Church. p. 6.
Obituaries. p. 6.
Pongil'skii, N. - Archbishop Dimitrii (monastic name: Lazar'); obituary. p. 7.
Archbishop Stefan. - Cathedral of the Assumption in Kharkov. p. 9.
Metropolitan Nikolai. - Bright night. p. 13.
Decisions of an extraordinary session of the World Peace Council. p. 17.
Call to believers of all faiths in the world. p. 21.
Metropolitan Nikolai. - Address at the extraordinary session of the World Peace Council. p. 22.
Metropolitan Nikolai. - Address at a gathering of representatives of Soviet social groups devoted to the results of the extraordinary session of the World Peace Council held in Stockholm. p. 26.
Uspenskii, L. - Resurrection of Christ. p. 28.
Thoughts of the church fathers on love. p. 33.
Khibarin, I. - Monk Nikodim Svlatogorets. p. 37.
Ivanov, A. - New critical edition of the Greek text of the New Testament. p. 43.
Noteworthy meeting. p. 53.
"The Holy Eucharist" [in German]. A. Rinkel. p. 74.

PRAVOSLAVNAIA RUS'. ORTHODOX RUSSIA. Published by Holy Trinity Russian Orthodox Monastery. Jordanville, N.Y., vol. 27, nos. 20(613)-21(614), Oct.-Nov. 1956.

PRAVOSLAVNAIA ZHIZN'. ORTHODOX LIFE. Monthly supplement to "Pravoslavnaia Rus'" ["Orthodox Russia"]. Published by the Holy Trinity Monastery, Jordanville, no. 11, Nov. 1956.

PRAVOSLAVNYI UKRAINETS'. THE ORTHODOX UKRAINIAN. Issued by Ukrains'ka Pravoslavna TSerkovna Rada [Ukrainian Autocephalous Orthodox Church in the U.S.A.]. Chicago, no. 45/46, Aug.-Sept. 1956. [In Ukrainian.]

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J., vol. 7, no. 11, Nov. 1956. [In Ukrainian.]

UKRAINS'KYI KHRYSTYIANS'KYI RUKH. Informatyvnyi lystok zv'iazku [UKRAINIAN CHRISTIAN MOVEMENT. Information Bulletin of the Union]. Sarcelles, France, no. 3(6), June 1956. [In Ukrainian.]

VECHNOE [THE ETERNAL]. Paris, no. 11(107), Nov. 1956.

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Ottawa, vol. 18, no. 4(16), Feb. 1955 - vol. 20, no. 1(37), Nov. 1956. [In Ukrainian.]

## 4. HISTORY

### a) GENERAL

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut istorii i filosofii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Institute of History and Philosophy. Transactions]. Baku, no. 10, 1955. [In Azerbaijani with summaries in Russian.]

Table of contents translated:

Alimirzoev, Kh. O. - First people's revolution in the era of imperialism. p. 5.
Strigunov, I. V. - Formation of the proletariat in Baku. p. 42.
Guliev, A. N. - Revolutionary struggle of the Baku proletariat on the eve of the first Russian revolution. p. 76.
Ibragimov, Z. I. - Revolution of 1905-1907 in Azerbaijan. p. 128.
Valuev, P. N. - Military and combat action of the Baku bolshevist organizations during the first Russian revolution. p. 169.
Ismailov, M., Kaziev, M. - The peasant movement in Azerbaijan on the eve of and during the Revolution of 1905-1907. p. 200.
Abdullaev Z. Z. - Influence of the Russian Revolution of 1905-1907 on the countries of the Near and Middle East. p. 235.
Kasumov, M. R. - The first Russian revolution and the reflection of its ideas in the periodical "Molla Nasreddin." p. 260.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of History, Archaeology, and Ethnography. Transactions]. Alma-Ata, vol. I, 1956. Arkheologiia [Archaeology].

Table of contents translated:

Akishev, K. A. - Report on the work of the Archaeological Expedition of 1954. p. 5.
Ageeva, E. I., Patsevich, G. I. - Report on the work of the Southern Kazakhstan Archaeological Expedition of 1953. p. 33.
Rempel', L. I. - Archaeological memorials in the distant lower reaches of the Talas. p. 61.
Patsevich, G. I. - Excavations on the territory of the ancient city Taraz in 1940. p. 73.
Sinitsyn, I. V. - Archaeological explorations in Western Kazakhstan. p. 87.
Senigova, T. N. - Report on the work of the Western Kazakhstan Archaeological Expedition of 1953. p. 140.
Ginzburg, V. V. - Anthropological traits of the population of Kazakhstan in the bronze age. p. 159.
Petrun', V. F. - Neolithic discoveries in the region of Baykonur and the Tamdy River. p. 172.
Alpysbaev, Kh. - New cliff pictures in Bostandykskiy District. p. 182.
Babanskaia, G. G. - The Berk-Kara tomb. p. 189.
Kushaev, G. A. - Two types of burial mounds on the right bank of the Ili River. p. 207.
Patsevich, G. I. - Potter's stove in the ancient site of Saraychik. p. 221.
Mandel'shtam A. M. - Traits of ninth century Turkmens seen in the "Epistles to Fath b. Khaquan" by al-Jahiz. p. 227.
Maksimova, A. G. - Objects from the period of the early nomads in the Central Museum of Kazakhstan at Alma-Ata. p. 253.
Dzhusupov, A. - Bronze age tools accidentally discovered in the environs of Alma-Ata. p. 261.
Semenov, L. F. - The bronze age site of Suuk-Butak. p. 263.
Semenov, L. F. - Discovery of a stone axe at the Nura River. p. 263.
Lopatin, S. V. - Archaeological memorials in Central Kazakhstan. p. 265.
Kol'tsov, S. V. - The Ishim site. p. 266.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Slavic Studies. Studies]. Moscow, vol. 12, 1956.

Table of contents translated:

Prasolov, S. I. - Czechoslovakia in the years of the economic crisis (1930-1933). p. 3.
Pisarev, IU. A. - National liberation movement in Monastyrshchina and Kosovo Polje in 1905-1909. p. 65.
Fal'kovich, S. M. - The peasant question and the peasant movement in the Kingdom of Poland during the Revolution of 1905-1907. p. 103.
Koperzhinskii, K. A. - The journalistic activity of Liuben Karavelov in Russia. p. 174.
Matula, V. A. - History of the Slovak national movement in the 1840's. p. 211.
Fomenkova, V. M. - The peasant situation in Poland in the latter half of the 13th century and during the 14th century. p. 264.

BAKU. MUZEI ISTORII AZERBAIDZHANA. Trudy [MUSEUM OF THE HISTORY OF AZERBAIJAN. Transactions]. Vol. I, 1956.

Table of contents translated:

From the editor. p. 4.
Kaziev, M. A. - Status and tasks of the creation of an exposition by the Museum of the History of Azerbaijan [in Azerbaijani with summary in Russian]. p. 6.
Shakhramanova, N. A. - The exhibit "Azerbaijan during the first Russian revolution of 1905-1907." p. 14.
Azizbekova-Atakishieva, P. A. - Azerbaijan during the Great October Socialist Revolution and the civil war. p. 24.
Guseinov, M. M. - Flint knife from the collection of the Museum of the History of Azerbaijan. p. 39.
Guseinov, A. N. - Some gravestones in Khaidan and Samukh Districts. p. 44.
Abilova, G. A. - Findings of celadon in Azerbaijan. p. 56.
Ashurbeili, S. B. - The sculpture of Azerbaijan in ancient and medieval times. p. 61.
Guliev, G. A. - Program to collect ethnographic information on the life and culture of a collective farm village in Azerbaijan [in Azerbaijani with summary in Russian]. p. 110.
Vaidova, S. - Materials from the Agdam ethnographic trip of 1950 [in Azerbaijani with summary in Russian]. p. 120.
In the Museum of the History of Azerbaijan. p. 139.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Doslidy i materialy. INSTITUTE FOR THE STUDY OF THE U. S. S. R. [Investigations and Materials]. Munich, ser. 2, no. 47, 1956. [In Ukrainian.]

Title translated:

Chaplenko, Vasyl'. - Bolshevik linguistic policy. 10 p.

Title transliterated: Chaplenko, Vasyl'. - Bil'shovyts'ka movna polityka. 10 p.

ISTORICHESKII ARKHIV [HISTORICAL ARCHIVES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 3, May-June 1956.

Table of contents translated:

Sakharov, N. N. - Patriotic initiative of Tambov collective farmers during the Great Patriotic War (1942-1943). p. 3.
Golubiatnikov, S. S., Mozgunov, E. A., Novopliianskii, D. I. - From the history of the organization of the first communes of Petrograd workers (1918). p. 16.
Krutalevich, V. A., Il'ichova, V. V. - White Russian inspection committees in the struggle to restore and consolidate Soviet rule in the summer and autumn of 1920. p. 45.
Roi, B. IA. - Bloody incidents in Lvov in April, 1936. p. 70.
Sidorova, A. L. - Currency circulation and the financial situation in Russia (1904-1907). p. 86.
Bel'chikov, N. F. - V. V. Stasov on the publication of I. N. Kramskoi's letters and articles (1887-1888). p. 124.
Radovskii, M. I. - Sources of Anglo-Russian scientific relations. p. 139.
Kudriashev, N. N. - Underground press of the Russian Social Democratic Party in Nizhniy Novgorod, Yekaterinoslav and Moscow in 1902-1906 (conlusion). p. 156.
IAkovlev, L. I. - Tasks of Soviet archival institutions in the light of resolutions of the 20th Congress of the Communist Party of the Soviet Union. p. 171.
Petrovskaia, M. F. - Acquisitions of documentary material on the Soviet period by local state archives. p. 179.
Likhachev, D. S. - Concerning V. A. Chernykh's article on developing methods for transcribing the text of historical sources. p. 186.
Melamedova, V. M., Pilukhina, M. A. - A survey of documentary materials of the Central State Historical Archives of Leningrad, U. S. S. R., on the labor movement in the Revolution of 1905-1907. p. 194.
Kashtanov, S. M. - Classifying and establishing headings for letters patent. p. 211.
Panfilova, A. I., D'iachenko, M. I. - The 100th anniversary of I. IA. Franko's birth (1856-1956). p. 218.
Ovsiannikova, N. P. - A. N. Maikov's story of F. M. Dostoevskii and Petrashevskii's followers. p. 222.
Trusova, N. S. - "The general strike of Ivanovo-Voznesensk workers in 1905." p. 227.
Mironova, I. A. - "Decembrists"; new materials. p. 229.
Kareva, M. A. - "Nauchno-informatsionnyi biulleten'" of the Archival Administration of the Ukrainian S. S. R. p. 232.
Zimin, A. A. - "Legends of the princes of Vladimir," R. P. Dmitrieva. p. 235.
Kanevskii, B. P. - "A national program for the publication of historical documents in the U. S. A. p. 236.
Votodarskaia, A. M. - Conference of participants in the armed rebellion of October, 1917 in Petrograd. p. 244.
N. A. - Conference of historians and archivists of the Baltic states. p. 246.

MOSCOW. GOSUDARSTVENNYI ISTORICHESKII MUZEI. Trudy [STATE HISTORICAL MUSEUM. Transactions]. No. 31, 1956.

Title translated:

Fekhner, M. V. - Trade of the Russian state with countries of the East in the 16th century. 120 p.

Title transliterated: Fekhner, M. V. - Torgovlia Russkogo gosudarstva so stranami Vostoka v XVI veke. 120 p.

OBZOR VAZHNEISHIKH SOBYTII V SSSR [REVIEW OF THE PRINCIPAL EVENTS IN THE U. S. S. R.]. Issue by Issledovatel'sko-bibliograficheskii otdel Instituta po izucheniiu SSSR [Research and Bibliographical Department of the Institute for the Study of the U. S. S. R. Munich, vol. 3, no. 91, May 1956.

Table of contents translated:

Karcha, R. - Educational and training problems at the 20th Congress of the Communist Party of the Soviet Union. p. 1.
Nova-Deker, N. K. - Land resources in the U. S. S. R. p. 13.
Mironenko, IU. P. - Changes in Soviet labor legislation and the 20th Congress of the Communist Party of the Soviet Union. p. 25.
Calendar of events. p. 33.

Vol. 3, no. 94, June 1956.

Table of contents translated:

Lebed', A. I. - The development of U. S. S. R. railroad transportation in the sixth five-year plan. p. 1.
Galai, N. IA. - The new reduction in Soviet armed forces. p. 9.
Urban, P. K. - "Basic revision" of Soviet historiography on the nationalities question. p. 19.
Mironenko, IU. P. - The revocation of legal responsibility of workers and employees for unauthorized leaving the job and absence without sufficient cau p. 29.
Very important current events. p. 35.
Calendar of events. p. 41.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Published by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 11, no. 3, May-June 1956.

Table of contents translated:

The 20th Congress of the Communist Party of the Soviet Union and ideological tasks. p. 3.
Ivashin, I. F. - The Soviet Union in the struggle for strengthening peace and international security (1953-February, 1956). p. 12.
Mel'nikov, A. I. - Youth in the first Russian revolution. p. 28.
Fadeev, A. V. - TSarist foreign policy in the second half of the 19th century. p. 36.
Develop more widely extracurricular work in histor p. 45.
Sevenova, V. N. - Class 7 study of the topic "Development of handicrafts and trade. The growth of cities." p. 56.
Ikov, S. V. - Class 8 study of peasant uprisings in 17th century Russia. p. 72.
Goder, G. I. - Historical tour of old cities in northeastern Russia. p. 83.
Kudriavtsev, B. V. - Contemporary India. p. 95.
Reply to a letter. p. 106.
Apparovich, N. I., Krasnobaev, B. I., Druzhkova, "Study of the history of the U. S. S. R. in class 10 M. S. Vasil'eva, A. T. Kinkul'kin, P. S. Leibengru p. 107.
Aleksandrov, V. A. - "Peasant and city uprisings i Russia during the 11th-13th centuries." p. 112.
Kovalenko, L., Tychina, A. - Historical contour maps. p. 116.
Katsnel'son, I. S. - "Land of the great Hupi." N. P rovskii, A. Belov. p. 116.
Bookshelf. p. 119.
Intsertov, A. F., Rudel'son, M. B. - Conference of Moscow historians. p. 123.
Novopashennaia, K. V. - The study and publicizing the progressive experience of history teachers. p. 125.
Zakharova, G. V. - Work of the seminar of history and the Constitution of the U. S. S. R. in the Mosc Institute of Advanced Training for Teachers dur the 1955-1956 academic year. p. 127.
Results of the second round of the historical fiction book contest. p. 128.

Vol. 11, no. 4, July-Aug. 1956.

Table of contents translated:

The tasks of history teaching and of the developmer of history teaching methods in the light of the decisions of the 20th Congress of the Communist Party of the Soviet Union. p. 3.
Kinkul'kin, A. T., Leibengrub, P. S. - Some aspec in teaching Russian history in class 10 during th first quarter of the 1956-1957 academic year. p.
Gora, P. V. - Completion of the unification of the Russian lands into one state with its center in Moscow. p. 30.
Popov, I. P. - Russian culture in the first half of the 19th century. p. 51.
Dairi, N. G. - Developing student thinking in class p. 65.
Drugovskoi, IU. N. - Cliche expressions in ancient history classes. p. 78.
Kara-Murza, A. S. - The issue of a new, revised edition of a textbook on the history of the U. S. S. for class 10. p. 84.
Gol'dberg, N. M., Orlov, V. A. - Aspects of model history of A. A. Vagin's book "Economic proble

in the history course for classes 8-10," p. 87,
Zakharova, G.V., Stepanova, V.E. - Conference in Moscow to discuss A.A. Vagin's book "Economic problems in the history course for classes 8-10," p. 90.
Andreevskaia, N.V., and others. - Conference in Leningrad to discuss A.A. Vagin's book "Economic problems in the history course for classes 8-10," p. 90.
Varshavskii, A.S., Sharapov, IU.P. - Aid to the propagation of scientific atheism; survey of literature. p. 101.
Vagin, A.A. - The science of history teaching methods. p. 108.
Malkov, A.V. - "Outline history of the U.S.S.R."; period of feudalism from the end of the 15th century to the beginning of the 17th century," p. 113.
Bookshelf. p. 119.
Glushankov, M.IA. - Birth of a school museum. p. 123.
Grigor'ev, A.G. - Work of a curriculum committee with reference to history. p. 125.
Letter to the editor. p. 127.
Answer to the editor of the periodical "Geschichte in der Schule." p. 128.

SOVETSKOE VOSTOKOVEDENIE [SOVIET ORIENTAL STUDIES]. Issued by Institut vostokovedeniia Akademii nauk SSSR [Institute of Oriental Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1956. [With English summaries in insert.]

Table of contents translated:
Sidikhmenov, V.IA. - New stage in the socialist transformation of China. p. 3.
Tumur-Ochir, D. - The Mongolian People's Republic on the road to socialism. p. 15.
Fan Jo-yui. - The importance of Lenin's book "Two tactics of social democracy in the democratic revolution" for the people's democratic revolution in China. p. 29.
Kapitsa, M.S. - From the history of the dissemination of Marxist-Leninist ideas in China (1917-1924). p. 34.
Akhramovich, R.T., Belov, I.F. -An example of good-neighbor policy and friendly cooperation. p. 45.
Shamsutdinov, A.M. - The national liberation struggle of the Turkish people in 1919-1922. p. 56.
Kuliev, K.M., Repin, I.L. - Development and advance of socialist culture and science in the Turkmen S.S.R. p. 69.
Bertel's, A.E. - Vahid Tabrizi's treatise on poetry. p. 77.
Kononov, A.N. - Centenary of the Department of Oriental Studies of Leningrad University (1855-1955). p. 83.
Kosven, M.O. - M.G. Kokovtsov, the first Russian explorer of Africa. p. 91.
Bunakov, E.V. - From the history of Russian-Chinese relations in the first half of the 19th century. p. 99.
Osmanov, M.N. - From the history of the literature of the peoples of Khurasan and Mavarannahr in the eighth and ninth centuries. p. 105.
Bazhenov, G.N. - The Korean People's Democratic Republic on the way to the reconstruction and development of its national economy. p. 119.
Natsagdorzh, Sh., Ishzhamts, N. - The science of history in the Mongolian People's Republic. p. 126.
Rustamov, U. - North Indian principalities and the revolutionary surge in India during the period 1905-1908. p. 133.
Novikova, V.A. - "Parichay," the magazine of progressive writers in Bengal. p. 137.
Smirnov, A.A. - The situation in Thailand today. p. 148.
Dlinov, A.I. - Is there an Austro-Asiatic family of languages. p. 153.
Pronin, A.A. - "An autobiography." Jawaharlal Nehru. p. 158.
Kil'berg, Kh.I. - The publication of Academician I.IU. Krachkovskii's selected works. p. 163.
Osipov, A.M. - "Agrarian relations in the North-West Frontier Province of India (1914-1947)." L.R. Gordon. p. 166.
Khanazarov, K.Kh. - "Materials on the history of the Tajik people in the Soviet period." p. 169.
Sikorskii, V.V. - "Indonesia today." p. 175.
Vol'nov, L.L. - " Zaibatsu dissolution in Japan" [in English]. T.A. Bisson. p. 177.
Arturov, O.A. - Through the eyes of western journalists [in English]. p. 184.
IAkhontov, S.E. - "Chinese in the Uighur script of the T'ang period" [in English]. B. Csongor. p. 189.

No. 3, 1956. [With English summaries in insert.]

Table of contents translated:
Guber, A.A. - The crisis and disintegration of the colonial system of imperialism requires a deep and thorough study. p. 3.
Butenko, A.P. - The Chinese Revolution and its specific features. p. 15.
Myshkin, E.P. - Conditions of the working class in Japan (1946-1954). p. 34.
Semenov, A.A. - Cultural level of the first rulers of the Shalbant dynasty. p. 51.
Perelomov, L.S. - Peasant revolt in China in 209-208 B.C. p. 60.
Fedorenko, N.T. - The poetry of Ai Ching. p. 76.
Zinder, L.R. - Vowels of the Korean language. p. 91.
Gal'tsev, I.N. - Project for a phonetic alphabet of the Chinese language. p. 104.
Khodzhash, S.I. - Relation of the art of ancient Egypt to the art in the countries of Asia Minor. p. 109.
Gataullin, M.F., Maltukovskii, M.V. - The Egyptian Republic on the path to economic independence. p. 119.
IUsupov, D.M. - Omar Fakhuri - outstanding Arab author. p. 130.
Kandel', B.L. - First translations of M.F. Akhundov's comedies into the German language. p. 136.
Voblikov, D.R. - Discussion on dividing the history of the countries of the East into periods. p. 141.
Zgusta, L. - Work of the Institute of Oriental Studies of the Czechoslovak Academy of Sciences. p. 147.
Lipin, L.A. - "Ancient Eastern materials on the history of the peoples of Transcaucasia." G.A. Melikishvili. p. 150.
Efimov, G.V. - "Modern Chinese history." Fan Wen-lan. p. 158.
Pospelov, B.V. - From the history of social thought in Japan. p. 165.
Sultanov, A.F. - "Crisis of Egypt's economy." Abd al-Razik Muhammad Hasan. p. 174.
Oroshnikov, A.P. - "Economic development of the Middle East from 1945 through 1954" [in French]. p. 176.
Petrushevskii, I.P. -"History of agriculture in Iran" [in Persian]. Tagi Bahrami. p. 182.
Spivakovskii, E.I. - "Empire of the Sun" [in Rumanian]. E. Camilar. p. 186.
Al'kaeva, L.O. - Tevfik Fikret's ideology and philosophy [in Turkish]. S. Sertel. p. 187.

VIZANTIISKII VREMENNIK [BYZANTINE CHRONICLE]. Organ of Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, 1956.

Table of contents translated:
In memory of M.V. Levchenko. p. 3.
Levchenko, M.V. - The problem of Russian-Byzantine relations in prerevolutionary, foreign, and Soviet historiography. p. 7.
Stuziumov, M.IA. - The role of market cities in the history of Byzantium. p. 26.
Kurbatov, G.L. - The situation of the masses in Antioch in the fourth century. p. 42.
Nasledova, R.A. - Handicrafts and trade in Thessalonica from the end of the ninth to the beginning of the tenth century based on data by Ioannos Kameniata. p. 61.
Kazhdan, A.P. - Social make-up of the population of Byzantine cities in the 9th-10th centuries. p. 86.
Dmitrev, A.D. - Mass movements in the eastern Roman provinces during the Danubian wars of the third century (236-278). p. 97.
Bartikian, R.M. - The Paulician movement in the first half of the eighth century. p. 127.
Gorianov, B.T. - Polemical religious literature on relations to the Roman church in Byzantium, 13th-15th centuries. p. 132.
Lazarev, V.N. - Studies on Feofan Grek. Chapter 2: Feofan Grek and the Moscow school of miniatures in the 1390's. p. 143.
IAkobson, A.L. - Medieval Armenian architecture in the Crimea. p. 166.
Granstrem, E.E. - Medieval Greek manuscripts in Leningrad. p. 192.
Melikset-Bek, L.M. - Dating the pseudo-Isaac pamphlets in Greco-Byzantine literature. p. 208.
Skrzhinskaia, E.Ch. - Olympiodor's "History." Translation, article, comments, and index. p. 223.
Poliakova, S.V., Fetenkovskaia, I.V. - The anonymous geographical treatise "A complete description of the universe and its peoples." Translation, comments, and index. p. 277.
Gluzal'ian, L.T. - Unpublished inscriptions from the Bayburt citadel. p. 306.
Bank, A.V. - A gem with the depiction of Solomon. p. 331.
Kapanadze, D.G. - A new-type coin of David the Builder. p. 339.
Udal'tsova, Z.V. - Byzantine studies in the people's democratic Bulgaria (1944-1953). p. 344.
Gurevich, A.IA., Zaborov, M.A. - New appearances in English Byzantine studies ("Byzantium into Europe" [in English]. Jack Lindsay. p. 366.
Abramidze, Sh.V. - "Information of Byzantine writers on Georgia," vol. 4, no. 2, 1952. p. 373.
Bank, A.V. - "Yearbook of the Institute of Art History," 1952. "The Greek manner" in Italo-Greek and Italo-Cretan schools of painting; against the falsification of the history of late Byzantine painting. V.N. Lazarev. p. 374.
Danelia, S.I. - The identity of the pseudo-Dionysius Areopagita. p. 377.
Sokolova, T.M. - "Bulgarians, Greeks, and Latins in Plovdiv during the period 1204-1205" [in Bulgarian]. B. Primov. p. 385.
Lebedev, N.S. - A list of works by M.V. Levchenko. p. 388.
Krivosheeva, V.M. - Works on the history of Byzantium in the Academic Student Association of the Sverdlovsk Pedagogical Institute. p. 391.
IAkubskii, V.A. - N.P. Sokolov's defense of the doctoral dissertation "Formation and early organization of Venetian colonial rule" in Leningrad University. p. 391.
List of abbreviations. p. 394.

Vol. 9, 1956.

Table of contents translated:
Levchenko, M.V. - Pentapolis according to the letters of Synesius. p. 3.
Korsunskii, A.R. - The colonate in the Eastern Roman Empire during the 5th and 6th centuries. p. 45.
Udal'tsova, Z.V. - Large-scale church and secular landownership in 6th century Italy. p. 78.
Sergeenko, M.E. - The Italic plow. p. 117.
Petrushevskii, I.P. - Field and garden plants in Iran during the 13th-15th centuries. p. 128.
Ernshtedt, P.V. - Elements of south Egyptian Coptic in the Middle Greek vocabulary. p. 154.
Granstrem, E.E. - Selection from a medical tract of Aetius of Amida in a manuscript from the 10th-11th century. p. 159.
Meshcherskii, N.A. - Old Russian tale on the taking of Constantinople by "Franks" [Western Europeans] as a source for the history of Byzantium. p. 170.
Bank, A.B. - Old discoveries from Chersonese in the light of new data. p. 186.
Lazarev, V.N. - Studies on Theophanes the Greek III. p. 193.
Shandrovskaia, V.S. - Byzantine fable "Story of the quadrupeds" (14th century). p. 211.
Stuziumov, M.IA. - Review of M.V. Levchenko's "Agathias' 'The role of Justinian'." p. 250.
Izmailova, T.A. - "Old Armenian miniatures." L.A. Durnovo. p. 255.
Levitskaia, V.I. - Chapter 8 in "Materials and technique of mosaic painting." A.V. Vinner. p. 259.
Eleonskaia, E.N , Kapterev, S.N. - Survey of Soviet literature on Byzantine studies appearing during 1945-1954. p. 264.
Fikhman, I.F. - "From the unity to the division of the Roman Empire, 395-410; study of the imperial government" [in French]. E. Demougeot. p. 286.
Poliakova, S.V. - "The historical work of Ammianus Marcellinus" [in English]. E.A. Thompson. p. 295.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1956.

Table of contents translated:
Pankratova, A.M. - Results of the Tenth International Congress of Historians. p. 3.
Gusev, S.I. - From the history of the struggle to build the Bolshevik party. p. 17.
Tkachenko, P.S. - The history of populism. p. 34.
Shpirt, A.IU. - Utilization of the resources of colonial and dependent countries in the Second World War. p. 46.
Zil'berfarb, I.I. - Charles Fourier's "social philosophy" as a subject of historical study. p. 58.
Drabkin, IA.S. - The character and motive force of the November revolution in Germany. p. 77.
Nasyrin, V.P. - The socialist transformation of industry in the U.S.S.R. p. 90.
IAkunin, A.F. - The economic conditions of the formation of the Uzbek bourgeois nation. p. 100.
Nikitin, S.A. - Đ. Tucović, an outstanding functionary of the Serbian labor movement. p. 103.
Khavin, A.F. - Reconstruction of industry in the Donets Basin during the Great Patriotic War. p. 116.
Galkin, I.S. - European powers and the Crete question in 1908-1912. p. 126.
Denisov, G.M. - Interpretation of the activities of outstanding Bolsheviks in the Large Soviet Encyclopedia. p. 141.
Boltin, E.A., Filippov, A.S. - Serious shortcomings in the "Outline history of the Great Patriotic War." p. 146.
Malskii, I.M. - The rebirth of German militarism. p. 156.
Derenkovskii, G.M. - "Sailors during the first Russian revolution of 1905-1907." p. 169.
Diadichenko, V.A. - "The magnate economy in southern Volynia in the 18th century." A.I. Baranovich. p. 176.
Smirnov, A.P. - "Archaeology in the U.S.S.R." A.L. Mongait. p. 179.
Mikhailov, M.I. - "The history of the Communist Bund" [in German]. Karl Obermann. p. 182.
Zagladin, V.V., Men'shikov, S.M. - "Anglo-American conflicts since the Second World War." I.M. Lemin. p. 187.
Shevelenko, A.IA. - "Legal relations pertaining to land in a class-antagonistic society." L.I. Dembo. p. 192.
Trifonov, V.I. - "A collection of materials on the nationalities policy" [in Chinese]. p. 197.
Venkstern, L.V. - "Formation of the French nation; from the 10th century to the beginning of the 19th century" [in French]. Germaine and Claude Willard. p. 198.
Kanevskii, B.P. - "The life and writings of Frederick Douglass," vols. 1-4 [in English]. Philip S. Foner. p. 199.
Troitskii, S.M. - "The formation of worker cadres in Donets Petrovskii factories." IA.A. Balagurov. p. 200.

A discussion of the proof copies of volumes five and six of the "Universal history" at the Institute of History of the Academy of Sciences of the U. S. S. R. p. 202.

Mokhov, N. A. - Academic work of Moldavian historians. p. 204.
Danilova, G. M. - Sixth academic session of the Karelo-Finnish State University. p. 207.
Omel'ianenko, I. IA. - Work of Stalino historians. p. 208.
Trykov, IU. N. - Academic work on the history of the U. S. S. R. in Yaroslavl. p. 209.
Andreev, N. V., Nemanov, I. N. - Work of Smolensk historians. p. 210.
Melik-Gaikazova, N. N. - The foreign press on the Tenth International Congress of Historians. p. 212.
Foreign scholars on the prospects for strengthening international academic ties. p. 217.
Matula, V. A. - On the 100th anniversary of L'udovít Štúr's death. p. 220.

No. 6, June 1956.
Table of contents translated:
Sverdlova, K. T. - IA. M. Sverdlov's activities in 1917. p. 3.
Spirin, L. M. - The communist Party an organizer of the defeat of Kolchak. p. 13.
Alaev, L. B., Baranov, I. L., Kulanda, V. R. - From the history of the formation of the Republic of India (1947-1950). p. 32.
Senkevich, I. G. - National liberation movement of the Albanian people at the beginning of the 20th century. p. 48.
Dividing the history of Soviet society into periods. p. 58.
Grave, B. B. - Was tsarist Russia a semi-colony? p. 63.
Polianskii, F. IA. - Economic system of manufactory in Russia in the 18th century. p. 74.
Billik, V. I. - Special features of the November revolution of 1918 in Germany. p. 86.
Shternshtein, IA. M. - Workers of the port of Odessa in the defense of the city in 1941. p. 99.
Boiarshinova, Z. IA. - Disturbances in Tomsk in the 17th century. p. 109.
Kerov, V. L. - Rebellion of "herdsmen" in the southern Netherlands and France in 1251. p. 115.
Burcha, E. F., Mosolov, I. E. - Against distortions in the history of aviation. p. 124.
Smirnova, T. I. - Flight of peasants on the eve of S. Razin's campaign. p. 129.
Pokrovskii, S. A., Papariigopulo, S. V. - Principal errors in the interpretation of the history of Russian social and political thought. p. 132.
Bestuzhev, I. V., Voronetskaia, A. A., Preobrazhenskii, A. A. - History of the U. S. S. R. in works of some universities and pedagogical institutes of the R. S. F. S. R. p. 143.
Lutskii, E. A. - "Outline of Soviet economics, 1917-1920." I. A. Gladkov. p. 160.
Sidorov, K. F. - "All-Russian political strike of October, 1905." Parts 1 and 2. p. 164.
Bollasnyi, I. L. - "I. V. Babushkin's revolutionary activities in the Ukraine." P. Rashev, E. IAremenko. p. 168.
Bulygin, I. A. - "The serf economy at the beginning of the 19th century." E. I. Indova. p. 170.
Levandovskii, A. P. - Historical geography. The history of its beginning and development in the 14th to the 18th century." V. K. IAtsunskii. p. 172.

Shtein, B. E. - "Deliberations of the Council of Four (March 24—June 28, 1919)" [in French]. Paul Mantoux. p. 179.
Glen, Maren. - "The European era" [in Dutch]. Jan Romein. p. 182.
Lisovskii, IU. P. - "Stages of the Risorgimento in Sicily" [in Italian]. Salvatore F. Romano. p. 185.
Aizin, B. A. - "Strike of Ruhr miners in 1905" [in German]. Dieter Fricke. p. 190.
Gol'dberg, N. M. - "Ford. The times, the man, the company" [in English]. Allan Nevins. p. 191.
Valuev, V. S. - "The State Armor Museum of the Moscow Kremlin"; a collection of scientific works on materials of the State Armor Museum. p. 190.
Discussion on the "Outline history of the philosophical, social, and political thought of the peoples of the U. S. S. R." p. 194.

Bem, IU. O. - General meeting of the History Section of the Academy of Sciences of the U. S. S. R. p. 201.
Brief notes. p. 205.
Achievements and problems of the historiography of the modern period (16th-18th centuries). p. 205.
Academic institutions and periodicals dealing with history in Yugoslavia. p. 219.
Discovery of new material on the Taiping state. p. 220.
Brief news. p. 221.
Letters to the editor. p. 222.
Nikolai Georgievich Berezhkov; obituary. p. 222.

Tarasiuk, L. I. - Names of kings of Scythia Minor on coins from Dobrudja. p. 22.
Shovkoplias, I. G. - Excavations at the Mezin paleolithic site; preliminary report on excavations in 1954. p. 31.
Chernysh, A. P. - The paleolithic site Voronovitsa I; based on data from the 1951-1953 excavations. p. 40.
Chernysh, E. K. - Multistrata settlement near the village of Nezvisko on the Dnieper. p. 48.
Sveshnikov, I. K. - Sepulcher in the village of Zvenigorod, Lvov Province; the hand ceramic culture. p. 57.
Terenozhkin, A. I. - Excavations of kurgans in the Molochnaya Valley in 1952. p. 70.
Shultsyn, I. V. - Work of the Trans-Volga detachment of the Stalingrad Archaeological Expedition. p. 78.
Gamburg, B. Z., Gorbunova, N. G. - Bronze age sepulcher in the Fergana Valley; preliminary report. p. 95.
Pogrebova, N. N. - Burial ground in the earthen wall of the acropolis of the ancient site of Kamennoe. p. 94.
Liberov, P. D. - Kurgans near the village of Cheremushny. p. 98.
Shramko, B. A. - Kurgan and ancient site near the village of Tsirkuny. p. 103.
Blavatskii, V. D. - Excavations at Panticapaeum in 1952. p. 109.
Karasev, A. N. - Basic results of the work on the Olbian agora in 1953. p. 124.
Skudnova, V. M. - Varied find from excavations of the Cabiri Sanctuary in Nymphaeum. p. 126.
Knipovich, T. N. - Exploration of the territory of the Roman citadel in Olbia. p. 130.
Vozharova, Zh. - Early Slavic ceramics from the village of Popina. p. 142.
Chernysh, A. P. - New finds from excavations at the Moldova 5 site on the Dniester. p. 150.
Formozov, A. A. - Pre-Andronovo burial ground in Kazakhstan. p. 153.
Gotenko, K. V. - Chersonese coin with an overlay of Bosporan coinage. p. 150.
Gotenko, K. V. - Dating Panticapaeum tetradrachmas. p. 158.
List of abbreviations. p. 162.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut istorii i arkheologii. Trudy [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Institute of History and Archaeology, Transactions] Tashkent, vol. 5, 1953.

Observatoriia Ulugbeka [The observatory of Ulugh Beg].
Table of contents translated:
Shishkin, V. A. - The observatory of Ulugh Beg and its study. p. 3.
Nil'son, V. A. - The architectural aspect of the observatory of Ulugh Beg at Samarkand. p. 101.

## 5. SOCIAL SCIENCES

### a) COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstva finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 16, no. 7, July 1956.
Table of contents translated:
Editorial: Strengthen accounting control over expenditures in the national economy. p. 1.
Gerasimov, M. - Accounting for output and wages at the Moscow Automobile Plant. p. 5.
Bolonov, S., Serebriakov, A. - The journal-voucher form of bookkeeping in construction. p. 9.
IAkovlev, A. - Some problems in accounting for materials. p. 15.
Drozdov, N., Fel'dman, L. - Keeping records on the operation of machinery, output, and wages in the textile industry using tabulating machines. p. 19.
Shliakhover, M. - Simplifying accounting for departmental payments based on apportioned fixed assets and working capital. p. 27.
Krivenkov, IA. - Practice in accounting for materials. p. 30.
Grazutis, I., Gurkovskuta, K. - Efficient accounting for products shipped and received in a wholesale trade organization. p. 34.
For further improvement in accounting for materials. p. 38.
Payments to workers and employees. p. 41.
Kartsov, A. - New account forms in capital construction. p. 43.
Discussion on N. I. Il'in's textbook "Accounting in Soviet trade." p. 47.
Pizengol'ts, M. - Accounting and economic analysis in the German Democratic Republic. p. 53.
Golovtsov, A. - "Accounting, calculation, and analysis of economic aspects of shipbuilding and ship repair enterprises." B. V. Ivanov. p. 57.
Conference on problems in the simplification of accounting and bookkeeping. p. 60.
Conference on machine accounting in the Ministry of the Aviation Industry. p. 62.

TORGOVLIA ZA RUBEZHOM; Tekhniko-ekonomicheskaia informatsiia [TRADE ABROAD; Technical Economical Information]. Issued by Ministerstvo vneshnei torgovli SSSR [Ministry of Commerce of the U. S. S. R.] Moscow, no. 9, 1956.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE] Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U. S. S. R.]. Moscow, vol. 26, no. 6, June 1956.
Table of contents translated:
Vokshin, G. - Czechoslovakia extends its economic ties with the entire world [with summary in English, p. 31]. p. 1.
Bokteshov, D. - The Indonesian economy on the path of free development [with summary in English, p. 6.
Pirhogin, B. - Foreign trade of the German Democratic Republic in 1955 [with summary in English, p. 10.
Korotkova, E. - Present situation in the tea trade [with summary in English, p. 31]. p. 16.
Smirnov, A. - Balance of trade, balance of payments and balance of indebtedness [with summary in English, p. 33]. p. 22.
A book on the Hungarian economy and foreign trade. p. 29.
Bulletin on problems of foreign trade. p. 30.

Vol. 26, no. 7, July 1956.
Table of contents translated:
Mikhailov, V. - Soviet-Danish trade relations.
Alkhimov, V. - Results of the 11th session of the Economic Commission for Europe. p. 3.
Voltov, V. - Foreign trade of the German Democratic Republic during 1955. p. 9.
Ismail'ov, P. - Cotton exports of the United States.
Nazarov, N. - Soviet books. p. 19.
Menshinskii, E. - Export premiums. p. 24.
Books and articles on problems of economics and trade of foreign countries, books and brochures received during the first quarter of 1956.
Official department. p. 30.
Summaries in English of material published in this issue. p. 31.

### b) ECONOMICS

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY] Organ of Gosudarstvennoi planovoi komissii [State Planning Commission of the U. S. S. R.] Moscow, no. 3, 1956.
Table of contents translated:
Orlov, N. - Specialization and cooperation in the sixth five-year plan. p. 3.
Vlatkin, A. - Introduction of new equipment and technical progress in machine building. p.
Agukin, P., Mukhamatov, A. - Petroleum and industries in the sixth five-year plan. p. 31.
Galitskii, A. - Development of socialist transformation in the sixth five-year plan. p. 45.
Braginskii, B. - Problems in planning and stimulation for labor productivity in agriculture. p. 56.
Nemchinov, V. - Outlook for the development of productive forces in Siberia and the Urals. p. 69.
Kern, V. - Organization of the smooth operation of a plant. p. 82.
Pervushin, S. - "Chemistry in the national economy of the U. S. S. R." N. N. Nekrasov. p. 87.
Zimin, A. - Textbook on planning the local economy and communal construction in an administrative district. p. 91.
From readers' letters and suggestions. p. 95.

SPRAVOCHNIK ADRESOV PO OBMENU ZHILPLOSHCHADI [LIST OF ADDRESSES OF LIVING QUARTERS EXCHANGE]. Issued by Biuro po obmenu zhilploshchadiami [Bureau for Exchange of Living Quarters]. Moscow, nos. 8-10, Aug.-Oct. 19

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'nogo statisticheskogo upravleniia SSSR [Central Statistical Administration of the U. S. S. R.] Moscow, no. 2, Mar.-Apr. 1956.
Table of contents translated:
Historical congress. p. 3.
Starovskii, V. - The 20th Congress of the Communist Party of the Soviet Union and tasks in Soviet statistics. p. 14.
Bogdanov, I. - Statistics in V. I. Lenin's works and statements. p. 28.
Sobol', V. - Labor productivity statistics. p.
Kogan, L. - Make wider use of classification in construction statistics. p. 48.
Kashkareva, L. - New manuscripts by Marx. p. 56.
Trenorukova, Z. - Accounting and bookkeeping in state procurement and purchases of agricultural products. p. 66.
Malyi, I. - "Problems concerning statistics o

income in the U.S.S.R." P.M. Moskvin, p. 78.
Tenenbaum, M. - "The statistics of Soviet trade." N.P. Titel'baum. p. 85.
Pisarov, I. - The third annual conference of the Society of Yugoslav Statisticians. p. 90.
Isaak Markovich Gurevich; obituary. p. 93.
Statistical material. p. 94.

No. 3, May-June 1956.
Table of contents translated:
V.I. Lenin on the work of the Central Statistical Administration. p. 3.
Manlakin, V. - Study agricultural economics more profoundly. p. 18.
Eidel'man, M. - Methodology for computing a real wage index in the U.S.S.R. p. 33.
Savinskii, D. - Use of the index method to reveal the influence of the movement of assortments of goods on the cost index. p. 47.
Dumnov, D., Sedov, V. - A selective study of labor expended by collective farmers and members of their family in different types of collective farm work. p. 53.
Ostroumov, S. - A.I. Chuprov's importance in the development of Russian statistics. p. 59.
Survey of the carrying out of state plans for the development of the national economies of the European people's democracies. p. 67.
Goncharov, N. - "Operational accounting of collective farms." I. Levitin. p. 91.

VOPROSY EKONOMIKI [PROBLEMS OF THE ECONOMY]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1956.
Table of contents translated:
Alekseev, A., Bogomolov, O. - Basic economic task of the U.S.S.R. p. 3.
Chertkov, L. - Transportation in the sixth five-year plan. p. 14
Kos'min, N., Daenman, R. - Carrying out business accounting within the plant. p. 32.
Korneev, A. - Production and consumption of textile products in the U.S.S.R. p. 43.
Belov, A. - Building state farms on virgin lands. p. 59.
Bavrin, E., Prokhorov, G. - Achievements in the economic development of the Mongolian People's Republic. p. 69.
Mikhailov, B. - The economic situation of the U.S. working class and propaganda of monopolies. p. 79.
Orr, Lord Boyd. - The economic road to peace. p. 95.
Atlas, Z. - The economic law of money circulation. p. 99.
Chernovetskii, M. - Calculating the cost of collective farm products. p. 115.
Lola, M. - Using the workday to measure labor productivity on collective farms. p. 121.
Kharakhash'ian, G. - Development of the economy of the German Democratic Republic in the second five-year plan. p. 132.
Sokolov, B. - Planning and cost reduction in construction work. p. 141.
Rozenfel'd, M., Felgin, IA. - The economy of the Latvian S.S.R. p. 146.
Vaisberg, N., and others. - Book on the economics of the Soviet chemical industry. p. 150.
Avakov, R. - A book about the financial oligarchy in France. p. 153.

No. 8, Aug. 1956.
Table of contents translated:
Nekrasov, N. - The process of concentrating production and forming combines in industry. p. 3.
Galitskii, A. - The electrification of railroads in the Soviet Union. p. 25.
Kondrat'ev, K. - Doing away with seasonal labor losses in agriculture. p. 34.
Strumilin, S. - Physical and economic obsolescence of the means of labor. p. 45.
Levin, G. - Ways to determine the economic efficiency of the introduction of modern technology. p. 59.
Chernomordik, D. - Business accounting as an economic category. p. 75.
Kotov, G. - Studying the economic efficiency of various sectors of the communal economy of collective farms. p. 84.
Dzarasov, S. - The cost of collective farm production. p. 105.
Menzhinskii, E. - Features of the postwar cycle in France. p. 114.
TSvylov, R. - The atomic power industry in the U.S. p. 130.
Sholokhov, E. - A book on the economics of state farms. p. 136.
Oborina, G. - The struggle of monopolies for Italian oil. p. 140.
Antonov, N. - Shortcomings in planning and computing the basic technical and economic indexes of work in plants. p. 146.
Gor'kaeva, Z. - Amortization funds on collective farms. p. 147.
Ridell, Hannelore, Stollberg, Rudhard. - Comments on the views of the Swiss economist Wilhelm Ropke. p. 150.
Shafranskii, V. - Conference on the amortization rate to be used in making deductions for construction machinery and equipment. p. 156.

c) FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 14, no. 6, June 1956.
Table of contents translated:
Vorob'ev, V. - Agriculture in the sixth five-year plan and tasks of the State Bank. p. 3.
Lovisov, V. - Credit and control through the ruble in light industry and in the food industries. p. 11.
Kosol, A. - Problems in the theory and practice of clearing payments. p. 17.
Khlynov, N. - For further improvement in operational and accounting work. p. 25.
Barngol'ts, S. - Improve principles in evaluating the fulfillment of the plan by enterprises. p. 33.
Asinovskii, M. - Payments for machinery and equipment. p. 42.
Porotskii, K. - Construction projects delay payment. p. 43.
Our readers' suggestions. p. 45.
Sholomovich, I., Il'in, V. - Analysis and control of unfinished products. p. 52.
Questions and answers. p. 59.
Bookshelf. p. 61.
Information. p. 63.

Vol. 14, no. 7, July 1956.
Table of contents translated:
Editorial. p. 3.
Nosko, P. - Improve credit and payment in the national economy. p. 8.
Conference of credit workers of State Bank branches. p. 17.
Sakov, M. - Ways to reduce production costs. p. 29.
Gordon, T. - Strengthen contract discipline. p. 37.
What prevents promoting efficiency. p. 38.
Khotetovskii, S. - Let us fulfill the money circulation plan. p. 40.
Sigolaev, G. - Utilize tabulating machines effectively. p. 42.
Our readers' suggestions. p. 44.
IAgodin, I. - State Bank tasks in organizing currency circulation among enterprises. p. 53.
Questions and answers. p. 61.

Vol. 14, no. 8, Aug. 1956.
Table of contents translated:
Kudriavtsev, A. - Immediate tasks of State Bank employees relating to money circulation. p. 3.
Conference on money circulation. p. 11.
Mitel'man, B. - Methods by which banks evaluate the operation of enterprises. p. 17.
Bal'zhid, G. - Banking system of the Mongolian People's Republic. p. 25.
Chesalin, I. - More creative initiative in fulfilling the money circulation plan. p. 33.
Popov, I. - Effectiveness of bank control. p. 35.
Zabolin, N., Fomicheva, A. - The effectiveness of accredited payment instruments. p. 37.
Suggestions of our readers. p. 41.
Greben', IA. - New developments in relations between the State Bank and long-term investment banks. p. 50.
Questions and answers. p. 55.
Usoskin, V. - Mechanization of operations in foreign banks. p. 58.
Bookshelf. p. 63.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 17, no. 6, June 1956.
Table of contents translated:
Editorial: Concern for the welfare of the people. p. 3.
Consolidate the success of the loan subscription. p. 9.
Babushkin, V. - For thorough improvement in the work of financial organs relative to taxes and state deliveries. p. 14.
Krichevskii, B. - Financial planning and control through the rouble. p. 23.
Zhevtiak, P. - Conversion of machine-tractor stations to business accounting. p. 31.
Nikolaev, N. - Finance and establishment of the foundation of socialism in the German Democratic Republic. p. 41.
Mel'nikov, N., Dragulev, P. - In the effort to fulfill the revenue provisions of the budget. p. 51.
Khusnutdinov, D. - Budget of a district. p. 55.
Makarov, V. - Resolve to simplify and reduce the administrative apparatus. p. 67.
Getalo, N., Chernlak, Z., Petrenko, M. - There should be a higher standard for the economic work in Agricultural Bank branches. p. 60.
Magazanik, A. - Some problems in the tax rate of producers' cooperatives. p. 65.
Kovalevskii, V. - Financial control within departments should be put in order. p. 66.
TSeitlin, M. - Advertisements for savings banks. p. 70.
Batorin, V. - Complaint against the complaint office. p. 73.
Suggestions of our readers. p. 73.
A follow-up on our material. p. 77.
Chizhov, K. - A review of state finances. p. 78.
Kalenov, A. - "Organization and methods in auditing machine-tractor stations." A. Volovik, M. Slavkin. p. 89.
New books. p. 91.
In the Board of the U.S.S.R. Ministry of Finance. p. 93.
Graduation of young specialists. p. 95.

Vol. 17, no. 7, July 1956.
Table of contents translated:
Editorial: Increase the economic knowledge of financial and bank workers. p. 3.
Krivenko, A. - Improve work on state revenue. p. 8.
Kisman, N. - Economic and financial aspects of industrial enterprises. p. 15.
Pavlov, P. - Economic effectiveness of modernizing equipment. p. 21.
Pugolovkin, A. - Ensure improvement of control and auditing work. p. 30.
Panfilova, P., Pozdniakova, Z. - Planning organizations should operate on a business accounting basis. p. 39.
Aliev, A. - Achievements and shortcomings of financial organs in Tajikistan. p. 43.
Intensify the effort to fulfill the terms of the budget, and decisively eliminate shortcomings in budget planning:
Popov, I. - Utilize surplus revenue in local budgets. p. 48.
Maslov, V. - Problems which life brings to the fore. p. 37.
Fel'dman, N. - Without economic analysis. p. 53.
Belogurov, K. - Current planning in fulfilling the terms of the budget. p. 56.
Rakitchenko, N., Nepomniashchii, A. - Broaden the dissemination of auditing results. p. 57.
Ignatov, A. - Strengthen the financial structure of subsidiary organizations. p. 61.
Khmel'nitskii, G. - Using credit issued by the Industrial Bank. p. 64.
Pudikov, D. - Utilize all possibilities for increasing economic knowledge. p. 65.
Kosareva, Z. - What ensured fulfillment of the plan ahead of schedule. p. 68.
Readers' suggestions. p. 71.
Follow-up on our articles. p. 73.
Margulis, IU. - How ministries and main administrations plan the cost of industrial production. p. 75.
Tochil'nikov, G. - "State revenue in the U.S.S.R. budget." A. Suchkov. p. 85.
Amortization problems in U.S.S.R. industry. p. 92.
Seminar of Moscow financial and bank employees. p. 95.

d) LABOR

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 34, no. 7, July 1956.
Table of contents translated:
Davydov, L. - Celebration of modern technology. p. 1.
Kononenko, Elena. - Unity of working women of the world. p. 4.
Shergova, Galina. - The Kurile Islands. p. 7.
Severina, Galina. - Verochka; a story. p. 9.
Variamova, Inna. - Noticeable changes. p. 12.
Raiskii, B. - Heroine of the American people. p. 14.
Matorin, N. - Three friends. p. 16.
Syryshcheva, T. - Sherna, the calm little river; a story. p. 18.
Atomic ship amidst ice. p. 20.
Prozorov, G. - Adolescents. p. 21.
Levina, A. - The scum. p. 22.
Tumanov, A. - "The golden land." p. 24.
Great master. p. 25.
Bannikov, N. - Bernard Shaw. p. 26.
Sedugin, A. - Read this to children. p. 27.
IAkovleva, E. - Inventiveness, patience, taste. p. 28.
Mordkovich, M. - Berry preserves. p. 30.
Kiuranova, Neviana. - Bulgarian cuisine. p. 31.
Summer games for school children. p. 32.

Vol. 34, no. 8, Aug. 1956.
Table of contents translated:
Kublitskii, G. - Siberian spring. p. 1.
Buzhkevich, Miroslav. - From Shaman to Padun. p. 4.
Skorik, P. - The little doctor; from my Chukchi encounters. p. 6.
Sergeeva, N. - Example of peaceableness. p. 9.
Karabutenko, N. - The writer and fighter. p. 10.
Franko, Ivan. - The Lesykha family; a story. Translated from the Ukrainian. p. 10.
Rodari, Gianni. - Verse. Translated from the Italian. p. 14.
Spartakiada of the millions. p. 15.
Kononeko, Elena. - Hungarian friends. p. 18.
Palotai, Boris. - Women from Stalinvaros; a sketch. Translated from the Hungarian. p. 19.

Riffaud, Madeleine. - I am writing from Algeria. Translated from the French. p. 21.
Rays of health. p. 23.
Levina, A. - Vasil'evskii Mokh; a sketch. p. 24.
Levshin, A. - Prolonged day. p. 25.
Petrov, G.S., Petrova, L.G. - "Material for everything." p. 26.
Ryklin, G. - Thunder in Mytishchi; a satirical sketch. p. 28.
Radev, Kirill. - Designs of Bulgarian dress. p. 29.
Morozov, P. - Thirst. p. 30.
Grigor'ev, P. - Cookery. p. 31.
The bookshelf. p. 32.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by TSentral'ny kamitet Komunistychnae partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 32, no. 6, June 1956. [In White Russian.]

Table of contents translated:

Editorial: We must take care of the plentiful harvest. p. 2 of cover.
Siarheeva, N. - First spring; an essay. p. 3.
Pride of the factory. p. 4.
Bundzienė, Genovaitė. - We strive to be the first. p. 4.
Guests from India. p. 6.
Fedorova, A. - Mikhail Ivanovich Kalinin; on 10th anniversary of his death. p. 6.
Melezh, Ivan. - At the crossroads; a story. p. 8.
Lensu, Alena. - The stormy petrel; on the 20th anniversary of A. M. Gor'kii's death. p. 10.
Mikhal'chuk, S. - In the struggle against remnants of old times ("Neighbors," Arkadz' Charnyshevich). p. 11.
Nekrashevich, Zinaida. - On the banks of the Berezina. p. 12.
The violin; a story. p. 14.
Mikhailova, R. - Why are our girls so sad? p. 17.
Vasilevich, Alena. - Zhodino scenes; a sketch. p. 19.
Twins and pigs. A cat at a meeting of mice. Friends. Tom Tom the piper's son; folk poetry. Translated from the English. p. 20.
Shyshkin, I. - Soviet expedition to Antartic regions. p. 21.
Alekseev, A. V. - That we must remember. p. 22.
Krasichkava, H. - White satin stitch with the design. p. 24.
How to remove unnecessary hair. p. 24.
Fashions. p. 3 of cover.

Vol. 32, no. 8, Aug. 1956. [In White Russian]

Table of contents translated:

For the Soviet people. p. 2 of cover.
Vasilevich, Alena. - On the Svitsa's shores. p. 2.
What Keiko Shemizu told us about. p. 4.
Krylova, K. - In a forest glade. p. 6.
Prozarau, H. - Children's reading. p. 7.
Siarheeva, N. - Day nurseries and kindergartens for our children. p. 9.
Asipenka, S. - Clever fingers. p. 10.
Panzauzzi, Maria. - Senora for 20 minutes. p. 12.
Mukhnavets, L. - Ivan Franko. p. 14.
Vasilionak, IAuhen. - The girl in the steppe; a story. p. 16.
Ryzhankova, N. - "Golden key"; a letter to the editor. p. 18.
Krauchanka, M. V. - Thank you for your care; a sketch. p. 19.
Aleksandrovich, Andrei. - The fisherman, The boy and the rooster; verse. p. 20.
Krasichkava, E. - Advice for embroideresses. p. 21.
Trafimava, A. - Let us talk about thrift. p. 22.
Answers to the readers' questions. p. 23.
First aid at home. p. 24.
IAzerskaia, S. - Dietetic stuffed squash. p. 24.

Vol. 32, no. 9, Sep. 1956. [In White Russian.]

Table of contents translated:

Editorial: Good luck in your work, comrade collective farm members! p. 1.
Kulagina, N. - A mother's happiness; a sketch. p. 2.
Ilkina, M. - Spartakiada of friendship. p. 4.
Liubimova, M. - The heart of a workshop. p. 6.
Kireenka, Kastus'. - In memory of IAkub Kolas. p. 8.
Polatova, Raisa. - Love of human beings. p. 9.
Ryl'ko, Ales'. - Fibrous and golden; a sketch. p. 10.
Vasilevich, Alena. - Heroes of Brest. p. 12.
Pal'chouski, Ales'. - Saddened joy; a story. p. 15.
Biasmertnaia, L. - Dress handsomely. p. 16.
Melezh, Ivan. - Encounter outside the city; a story. p. 18.
Puzis, G. - How to behave at a party. p. 22.
Cookery. p. 24.
How to do away with corns. p. 3 of cover.
How to protect yourselves against mastitis. p. 3 of cover.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U. S. S. R. on Labor and Wage Problems]. Moscow, no. 6, June 1956.

Table of contents translated:

Editorial: Regulating wages in the machinery industry. p. 3.
Asval'dov, M. - Important condition for increasing labor productivity in machinery building. p. 9.
Methodological principles for comparing U. S. S. R. labor productivity with that of capitalist countries. p. 20.
Moshenskii, M. - The automation of production in the U. S. and its social and economic consequences. p. 26.
Zakharov, N. - The role and importance of technical work norms in industry. p. 38.
Demeshko, A. - Efficiency work and material encouragement of innovations. p. 48.
Dovba, A., Nikol'skii, V. - Some figures and conclusions to be drawn from them. p. 57.
Griner, A. - A radical reorganization is indispensable. p. 60.
Gogin, A. - How to organize coal miners' wages. p. 63.
Parfenov, N. - New norms and labor productivity. p. 66.
Astrinskii, L. - Based on a consolidated schedule. p. 71.
Mal'tsev, F. - Instructors in progressive work methods. p. 75.
Sheliastin, N. - Bonus system for workers in the shoe industry. p. 80.
Raskin, A., Shurman, B., Krasovskii, V. - Mixed brigade for open mining. p. 83.
Smoliarenko, D. - Studying the best procedure for pouring steel. p. 86.
Participate actively in eliminating shortcomings in establishing work norms. p. 92.
Gordon, M. - Shortcomings in wage organization at district automobile depots. p. 98.
Kuz'menko, I., Tukhaev, B., Leshchiner, IU. - Use the collective form of wage payments. p. 100.
From the editor's mail. p. 102.
Levshin, A. - Observe legislation on labor books strictly. p. 107.
Replies to readers' questions. p. 110.
Pel'tsman, E. - The influence of technological progress on economic aspects of labor in machine building. p. 112.
Leoshkin, A. - Valuable books on the establishment of work norms and the organization of wages in the chemical industry. p. 118.
Gel'bras, V. - All-Chinese rally of production leaders. p. 122.

No. 7, July 1956.

Table of contents translated:

Pasherstnik, A. - The decree of April 25, 1956 and some aspects of labor law. p. 3.
Semenov, L. - Electrification and labor resources in Eastern Siberia. p. 13.
Gref, I. - Current wage problems in Czechoslovak industry. p. 20.
Sergeeva, A. - The influence of capitalist rationalization on the situation of the French workers. p. 29.
Galkin, D. - Resources for the increase of labor productivity in ferrous metallurgy. p. 40.
Boroshnev, P. - Improving the wage system in the lumbering industry. p. 48.
Simakin, G. - Persistently lower the amount of labor expended in winning peat. p. 54.
Trubitskii, G. - Apparatus for establishing technological standards. p. 58.
Burchuladze, V., Dliakhman, L. - An immediate question. p. 60.
Boborykin, S. - Avoid feverish, all-out efforts. p. 62.
Gal'perin, L., Smirnov, V. - Photometric recording of working time in the interest of production. p. 65.
Oktiabr'skii, R. - Fulfilling the shift's quota in seven hours. p. 70.
Kuz'menko, V. - New developments in shipbuilding. p. 72.
Vlasov, N. - An important means of economizing labor. p. 76.
Koptilkin, V. - Labor reorganization in a repair shop. p. 79.
Del'gol'skii, B., Starosel'skii, A. - Use of the foreman's fund. p. 81.
Finkovskaia, T., Mosolov, N. - A new type of ventilation in units for the painting of parts. p. 83.
Peretts, V. - Improved lighting of working areas in metallurgical plants. p. 84.
Gervas'ev, A. - Dust elimination in crushing and grinding plants. p. 86.
In the ministries and departments. p. 87.
Initiative of great significance for the national economy. p. 91.
Vol'per, I. - Correct the methods of calculating labor productivity. p. 97.
Adestov, N. - Raising wages artificially. p. 99.
Avdeev, V. - A procedure requiring changes. p. 100.
Shishilannikov, A. - A standardizer should not be a mere recorder. p. 101.
Letters to the editor. p. 102.
Mitin, S. - Wages in building according to piece work and progressive piece work rates. p. 104.
Kheinman, S. - New monograph on labor organization and technical standards of production in ferrous metallurgy. p. 110.
Agunbegian, A., Figurinov, S. - Aspects of labor in the statistics collection "National economy of the U. S. S. R." p. 116.
Slobodskoi, S. - A book on the situation of workers in Italian factories and plants. p. 122.

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no. 6, June 1956.

Table of contents translated:

Trade unions and automation. p. 1.
Letter of the World Federation of Trade Unions. p. 4.
Moics, Jose. - Strike in Spain. p. 5.
"Our unity will break the policy of repression." p. 9.
Mascarello, Livio. - Collective agreements in France. p. 16.
Fumi Takada. - Miners' wifes get ready for the struggle. p. 20.
Callie, Marcel. - Lessons of the events of 1936 in France. p. 24.
Paliga. - Women in their turn demand a reduction in working time. p. 26.
International Committee of Lawyers proceeds with its work. p. 26.
"International unity of action for the 40-hour work week is natural and necessary." p. 27.
To the International Conference on the 40-hour work week. p. 28.
Greetings from the Central Committee of Czechoslovak trade unions. p. 28.
Telegram from the Association of Free German Trade Unions. p. 29.
Telegram to striking Danish workers from the Presidium of the Turin Conference on the 40-hour work week. p. 29.
Santi, Fernando. - Our demands are as just as they are practicable. p. 29.
Second session of the preparatory committee. p. 31.
Otar, Irma. - Preparations for the Conference in Argentina. p. 33.
Nefedova, O. I. - The Soviet working woman is an active participant in the entire life of her country. p. 35.
MacVinney, T. - The delegate of English women says: "The basic problem facing us is the problem of equal wages." p. 37.
Klein, Roger. - Hello, Prague! Turin is speaking. p. 39.
Cummings, Jorry. - Cases of obvious negligence. p. 42.
Braun, A. - The growth of the trade-union movement on the Fiji Islands. p. 43.
Conclusion of new collective agreements in Sweden. p. 45.
At the factory "Gigant." p. 46.

c) SOCIOLOGY

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Otdel kazach'ei gruppy v N'iu Iorke [New York Branch of the Cossack Group]. New York, N. Y., vol. 4, no. 44, Oct. 1956.

KLUB [THE CLUB]. Organ of Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 5, no. 5, May 1956.

Table of contents translated:

Editorial: Peace to children. p. 1.
Malishevskii, B., Skugorov, V., Chokhov, I. - They are building communism; a report. p. 2.
Ribkovskii, P. - It concerns you, too. p. 9.
Bezuglyi, V., Levashov, M. - They know Mialakovskii. p. 10.
Zubkova, D. - Amateur performances of the members of cooperative societies. p. 11.
Medhedova, S. - Parents came to the club. p. 12.
IAshchenko, D. - Small houses on the Dnieper. 12.
Prokopchenko, N. - Speaking stand. p. 13.
Delegates to the congresses speak. p. 14.
Vinogradov, G. - Model plans for a club. p. 16.
Mikhailov, V. - Why such carelessness? p. 18.
Our correspondence. p. 19.
Forward to communism; materials for group readings. p. 20.
Cherniavskaia, V. - Useful manual. p. 21.
Orlovskii, L. - For healthy living; model exhibition plan and materials for it. p. 22.
Filiashin, L. - It happened on Thursday. p. 25.
Shokorev, V., Savilov, V. - Carnival in a factory park. p. 26.
Rumanova, L. - Aleksei Maksimovich Gor'kii. p. 29.
Brief news. p. 31.
A follow-up of materials in "Klub." p. 31.
Tracing unpublished letters. p. 31.
Important and memorable dates. p. 32.

Vol. 6, no. 8, Aug. 1956.

Table of contents translated:

Editorial: The most important task for trade unions. p. 1.
Dostupova, T. - Amateur group of VEF prepares for the festival. p. 3.
Lanovaia, R. - Welcome. p. 4.
Beliaeva, A. - Musical evening of friendship. p. 4.
Chernikova, M., Chekhov, I. - In a certain Province. p. 6.
Csotorki, Lajos. - In 11 years. p. 12.
Strel'nikov, R. - Club of Albanian petroleum industry workers. p. 13.
Vasil'ev, A. - A festival of youth, strength, and beauty. p. 15.
Filiashin, L. - They participate in the Spartakiada. p. 16.

What a club should be. p. 16.
Nagevich, O. - Man and modern technology. p. 20.
Thoughts apropos an exhibition. p. 21.

Gratsinskii, N. - Newspaper on a filmstrip on a state farm. p. 22.
L'vov, M. - Great and effective force. p. 23.
Pis'mennyi, M. - Motion pictures help industry. p. 25.
Loboda, R. - Our objectives. p. 26.
Meshalkin, P. - They work endlessly and without results. p. 27.
Letters to the editor. p. 28.
Kiparisova, K. - Arkadii Gaidar, writer and fighter. p. 29.
Attractions. p. 30.
Brief news. p. 31.
Significant and commemorative dates. p. 32.

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukrains'ka respublikans'ka rada profesiinykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and of the Association of Soviet Writers of the Ukraine]. Kiev, vol. 11, no. 7(127), July 1956. [In Ukrainian.]

Table of contents translated:

World conference of women workers. p. 2 of cover.
Friendship and fraternity between the peoples of the Soviet Union and Yugoslavia. p. 2.
TSitsyn, M. V. - Lecture rooms of a people's university. p. 4.
Riaboshtan, Ivan. - One of thirty thousand; a sketch. p. 6.
Harvesting; photos. p. 8.
Wasilewska, Wanda. - By land and by sea (conclusion); excerpt from a book of essays "With my own eyes." p. 10.
Riabinina, V. - Pioneer summer. p. 12.
Katrushenko, I. - Ivan Franko in pictorial art. p. 13.
In the Donets steppe; photos. p. 14.
Stepanova, N. - Six specialties of an innovator; a sketch. p. 16.
Tashkova, Hanna. - Women's council in a mine; a sketch. p. 16.
Prospectors of oil. p. 18.
Remizov, B. - Bernard Shaw; on the 100th anniversary of his birth. p. 19.
Lazorenko, A. - School of high artistry. p. 20.
The mother's heart; a Rumanian folk tale. p. 21.
Kamins'kyi, B. - "Crime" of Lora Schacht. p. 23.
Sheiko, Marita. - N. K. Krupskaia on children's games. p. 24.
Serhieieva, Oleksandra. - Eternity of the universe. p. 25.
Pozdniakova, L. - Crimean roses. p. 26.
IAkymovych, Tetiana. - A novel about Italian women. p. 28.
Stoianovs'kyi, B. - In the service of the people. p. 28.
Exchange of experience. p. 30.
Iliryhor'iev, K. - Guests from Hungary. p. 30.
Fashions. p. 31.
Klavdiia IAkovlivna Latysheva; obituary. p. 32.
Answers to our readers. p. 32.

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin].
Moscow, vol. 33, no. 12, June 1956.

Table of contents translated:

Eastward, Communist Youth League members! p. 1.
Kannov, Vl. - Write us at our new addresses. p. 2.
Preparing projects to be presented for a diploma is creative work. p. 4.
Rudin, V. - A glance into the heart; a story. p. 6.
Saakov, R. - Paris awaits its guests. p. 8.
Lemberik, I. - Seven minutes or twenty seconds. p. 9.
Kulnkovskii, Aleksei. - The echo; a story. p. 11.
Markusha, A. - Speed, safety, comfort. p. 12.
Andrianov, B. - High beyond the clouds... p. 12a
Love should be proud and pure. p. 13.
Uvarova, L. - Our mutual friend. p. 15.
Ramiroz, Ronaldo. - Puppets in the market place. p. 16.
Sukarno, A. - Peace; verse. Translated from the Indonesian by Dm. Smirnov. p. 17.
Wolfert, Ira. - Off the main road; a story. Translated from the English by L. Cherniavskii. p. 18.
Kireeva, Alla. - "Camp fires of expeditions;" verse. Nina Ostrovskaia. p. 20.
Zaborskii, Mikhail. - "Advice to the young fisherman." p. 20.
Tverskoi, A. - Akhmed Ryza's tragedy. p. 21.
Brener, Roman. - Friends, we are expecting you! p. 22.
Apukhtin, G. - On soccer fields. p. 24.
Rudin, P. - Unusual find. p. 24.
Chess tournament of "Smena." p. 24.
Volosevich, Eduard. - "Ideal" husband; verse. Translated from the White Russian by A. Tverskoi. p. 25.
Brodov, V. - Before the wedding. p. 26.

Vol. 33, no. 13, July 1956.

Table of contents translated:

Toward great deeds. p. 1.
Liubovtsev, Vl., Konsovskii, G. - We are going to Norilsk. p. 2.
Khodzher, Grigorii. - Niad'ga wins the argument; a story. p. 4/
Andreev, V. - At graduation time. p. 7.
Vlasov, O. - The curtain rises. p. 9.
Belousov, I. - Verse about Sakhalin. p. 10.
Bugrova, I. - "Whales on the starboard!" p. 11.
Lisochkin, I. - On Seal Island. p. 12b.
Pushkar', A. - True story from the taiga. p. 13.
Soskin, B. - Road to life. p. 14.
Gladkov, Kirill. - Wonder crystals. p. 16.
Zukharchenko, V. - Across Yugoslavia. p. 17.
Sadoveanu, Mihail. - Panchuk; a story. Abridged translation from the Rumanian. p. 19.
Alekseev, K. - Your contemporary ("Busy plant," Boris Polevoi). p. 19.
Pochivalin, N. - Father; a story. p. 21.
Dostal', Andrei. - Frank talk; verse. p. 22.
Vachnadze, K. - Nature's holiday. p. 23.
Two sports seasons during the same day. p. 24.
Evgen'eva, A. - Children are not bored here. p. 24.
Ivanov, I. - A star in the summer night sky. p. 24.
Blagov, IUrii. - The whistler; verse. p. 25.

Vol. 33, no. 14, July 1956.

Table of contents translated:

Morozov, A. - Review of Soviet technology. p. 2.
Urin, Viktor. - On the way to Vladivostok; traveler's notes. p. 4.
Lenskii, Anatolii. - Sails; a story. p. 6.
Mironov, Aleksandr. - Encounter on the sea; a story. p. 9.
Rozenberg, L. - The noiseless helper. p. 11.
Ivanov, V. -Heat from the earth's depth. p. 11.
Zemskov, V., Khodzhaev, IU. - Bernard Shaw in Moscow. p. 12.
Lindsay, Jack. - A great master of satire. p. 12.
Shaw, Bernard. - Serenade; a story. p. 14.
Kruzhkov, Nik. - Rembrandt; on the 350th anniversary of his birth. p. 16.
Shternfel'd, A. - Flight to Mars; fictitional reportage. p. 18.
Tomorrow is Sunday; photos. p. 20.
Kovalenko, A. - Soccer players from Bol'shaya Olen'ya Street. p. 22.
"Smena" chess Olympiad. p. 22.
Galinitskii, A. - On the battle strip. p. 23.
Stefarov, P. - Wild boars as fishermen. p. 23.
Laguнova, N. - Friendship. p. 24.
Palei, A. - The great-grandson of Vladimir Dal'. p. 24.
Sinel'nikov, A. - In the kingdom of minerals. p. 24.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R. S. F. S. R.].
Moscow, vol. 17, no. 3, Mar. 1956.

Table of contents translated:

Protect the rights of all mothers strictly. p. 1.
Taranova, A. - The joy of motherhood. p. 3.
Shchukin, I. - A person is the center of attention. p. 5.
Do not permit violations of pension legislation:
Mal'tsev, F. - We await the advice of experienced comrades. p. 8.
Patanin, P. - Mistakes became less frequent. p. 8.
Levina, A. - The main thing is meticulous control. p. 10.
Vaisfel'd, L. - How to verify the accuracy of pension allotments. p. 11.
Iniutin, G. - Compensation for injuries received in accidents at work. p. 14.
Dolzhanskii, L. - Pensioning on a collective farm. p. 18.
Bogusiavskii, V., Meimukhin, A. - Organizer of work procedure. p. 22.
Pirogov, I. - Establish conditions favorable to creative activity. p. 25.
Solov'eva, V. - School of theory and practice. p. 27.
Karavaev, V. V., Kiselev, IA. L. - Working rights of invalids. p. 29.
Khankin, L. - Conduct employment placement carefully and skillfully. p. 33.
Bakhvalova, Z. - Active participation and aid. p. 35.
Sutingin, P. - Admitted to the ranks of labor. p. 36.
Popov, A. - On the banks of the Sheksna. p. 39.
Landsman, I. - Physical therapy rooms in children's homes. p. 40.
In the Vologda Home for Invalids. p. 42.
Koriakov, S. - Standard design for an invalids' home. p. 44.
Il'in, A. - Bright goal. p. 46.
Ivanenkova, E. - Manipulable artificial arms. p. 50.
Dikkert, G. - Manufacture of new apparatus. p. 53.
Our consultation. p. 55.
Novikov, A. - Return to life. p. 56.
In the press. p. 60.
Readers' letters. p. 61.
In the Ministry. p. 62.
Brief news. p. 63.

Vol. 17, no. 7, July 1956.

Table of contents translated:

An act of great governmental importance. p. 1.
Churin, I. - Give better satisfaction to visitors with questions. p. 5.
Mart'ianova, E. - Deal tactfully with pensioners. p. 6.
Sellukin, M. - We are obliged to work better. p. 7.
Dmitriev, N. - Best wishes. p. 7.
Gubernatorov, I. - Great possibilities. p. 8.
Shipov, V. - In this building. p. 10.
Iniutin, G. - Quickly and without mistakes. p. 13.
Alekseev, N. - The recalculation of pensions has begun. p. 15.
Zaitsev, B. - How to use tables to figure out pensions. p. 17.
Dubinnikov, S. - Calculate the time exactly. p. 20.
Nazarov, A. - The Ural Machine Factory and the district bureau of social security. p. 22.
Koltunov, N. - Yesterday one set of instructions and today another. p. 27.
Tret'iakov, A. - Adapt your work to the new conditions. p. 29.
Magaril, M. - An active social welfare group and its part in finding employment for invalids. p. 35.
Boev, IA. - The mutual aid fund is without rights. p. 38.
Grozhan, N. - The bedridden. p. 40.
Niksheva, M., Ivanov, A., Timasheva, E. - Is it always necessary for loans to be nonrepayable? p. 41.
Serebrovskaia, N. - Subsidiary farms of homes for invalids. p. 43.
Roshchin, G. - Laboratory of mechanical tests and technical measurements. p. 46.
Kopylov, F., Rukhman, L. - Improve prosthetic-orthopedic aids for children. p. 47.
How continuous work service is determined. p. 49.
Letters to our readers. p. 54.
Sedykh, V. - "National fund for old age assistance" in France. p. 57.
Our interview. p. 61.
In the Ministry. p. 62.
Foreigh visitors. p. 62.
Follow-up of our material. 63.

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Antifashistskii komitet sovetskikh zhenshchin and Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [Anti-Fascist Committee of Soviet Women and of the All-Union Central Council of Trade Unions].
Moscow, vol. 12, no. 8, Aug. 1956.

Table of contents translated:

Auerbakh, Elizaveta. - There is such a language in the world, The impetuous major; stories. p. 2.
Pavlova, Liudmila. - Guests from Africa. p. 5.
Karbovskaia, Varvara. - The strange boy; a story. p. 11.
Andronnikov, Mikh. - If you see a geranium on the window silk. p. 14.
Vakurova, A. - Without suffering and fear. p. 21.
Look, what nice babies we are. p. 23.
Khmel'nitskaia, A. - In search of a hero; a sketch. p. 24.
Taradankin, K. - Clever fingers. p. 28.
Volk, Irina. - Starting a long trip; a sketch. p. 31.
Erikeev, Akhmed. - Lyric verse. p. 33.
Glorious tradition. p. 33.
Lungu, Anna. - Letter from Cassandra. p. 34.
At the Session of the Supreme Soviet of the U. S. S. R. p. 35.
Tegen, Gunhild. - Test; a story. p. 36.
Sharma, P. - Children in Nepal; reportage. p. 38.
Durova, Natal'ia. - Pashka, the sea lion; a story. p. 41.
Fashions. p. 42.
Stepanova, M. - First-year pupils. p. 45.
Pisareva, L. - Hygiene for adolescents. p. 46.
Rubanova, E. - New appliances for housewives. p. 46.
Cookery. p. 47.

Vol. 12, no. 10, Oct. 1956.

Table of contents translated:

They will go to Melbourne. p. 2.
Pishchik, B. - In our homeland again. p. 4.
Belinovich, Nadezhda. - Lada. p. 11.
Mal'ts, Faina. - Talk about automatization. p. 14.
Tess, Tat'iana. - Encounters. p. 16.
Pai Lang. - A second and a third will appear. p. 21.
"Equality of women in the U.S.S.R."; international seminar. p. 22.
Warnlocka, Monika. - Cinderella from Zawarze. p. 27.
Ovsiannikova, Mariia. - Great life. p. 31.
Lundon, S.S. - My girl friends. p. 32.
Gorbova, Aleksandra. - Sabakhat and Tadzhi. p. 34.
Kuchumov, P.S. - Rich harvest. p. 35.
Fast, Howard. - An interesting event in my life; excerpt from a tale. p. 36.
Korshunova, Galina. - I open my dairy. p. 41.
Efremova, L. - Plain and elegant. p. 42.
Efimov, V. - Mutual aid. p. 45.
Litvinova, E. - Prophylaxis of cancer of the breast; a physician's advice. p. 46.
Answers to readers' questions. How to take care of furs.
Cookery. p. 47.
Grimaces of life. p. 47.

SOVETSKII KRASNYI KREST [SOVIET RED CROSS]. Organ of Ispolnitel'nyi komitet Soiuza Obshchestv krasnogo kresta i krasnogo polumesiatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Screscent of the U.S.S.R.].
Moscow, vol. 6, no. 3(27), May-June 1956.

Table of contents translated:

Speranskii, G. - Happiness of mankind. p. 1.
Sysin, A. - Active Red Cross workers and the sanitary organization of cities and villages. p. 3.
Third All-Union Congress of the Red Cross society. p. 4.
Bolarinov, G. - President of a Red Crescent district committee. p. 6.
Kuzin, E. - In a city Pioneer camp. p. 7.
Kalmykova, K. - Visiting future specialists. p. 8.
Lazarev, S. - Cooperation. p. 9.
Zalikin, O. - Health knowledge should be more widely disseminated. p. 11.
Ogurtsov, D. - Not up to date. p. 11.
Alekseev, A. - When progressive work practice is not being made known. p. 12.

Shumakova, S. - Medical nurse in a children's hospital. p.15.
Smirnova, V. - Student health detachments. p.16.
Vinokurov, K. - What to know about poliomyelitis. p.19.
Dostovalov, L. - Individual and collective defense methods. p.21.
Kashtanova, M. - Prevention of dysentery. p.23.
Nishova, M. - Beneficial to the health of the Albanian people. p.26.
Bunkin, N. - The essential is missing. p.31.

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 5(38), May 1956. [In Ukrainian.]

Table of contents translated:

Wings of youth; waltz. p.2 of cover.
Kolomiets', O. - With her own eyes; a sketch. p.1.
Meeting of young miners. p.2.
Mission of good will; visit of N. A. Bulganin and N. S. Khrushchev to England. p.3.
Prylychanyn, B. - One morning in May; verse. p.4.
Tkach, Dmytro. - A guardsman of the five-year plan; a sketch. p.6.
Zorych, A., Nievierov, I. - Fidelity; a story (conclusion). p.8.
Mandybura, M. - Ivan Franko in Krivorivnya. p.11.
Luk'ianenko, Oleksandr. - Without a time limit; a sketch. p.12.
Wasilewska, Wanda. - A bad city; excerpt from the book "With my own eyes." Translated from the Polish. p.13.
Holosov, Artem. - A great Norwegian. p.16.
Malynovs'kyi, B. - A machine with "university education." p.17.
Long journeys. p.18.
Kondratenko, O. - Playwright, composer, theatrical figure. p.20.
Sosiura, Volodymyr. - Stream from a passionate heart. p.20.
Lahoza, Viktor. - It happens this way; verse. p.21.
Well done! p.22.
Makarenko, Oleksii. - We are starting the broadcast. p.23.
Chess. p.24.
Record of longevity. p.24.

No. 7(40), July 1956. [In Ukrainian.]

Table of contents translated:

Friendship forever. p.1.
Zaslavs'kyi, I. - The first year; a sketch. p.3.
Communist Youth League members on the move. p.4.
Dibrova, O. - Today and tomorrow of Kazakhstan. p.6.
Havryliuk, V. - Beyond the dark blue Lake Baikal. p.7.
Rechmedin, I. - Land of undisclosed riches. p.7.
Song of young miners. p.8.
Hordii, O. - Graduation certificate; a sketch. p.9.
Chabanivs'kyi, Mykhailo. - Friends; a story. p.10.
Shumylo, Mykyta. - Love of the mother tongue. p.12.
Monuments to Ivan Franko. p.13.
Bezborodova, H. - The automobile is gathering speed. p.14.
Hladyshev, H. H. - Atomic icebreaker. p.14.
Plachynda, S. - Young will; a sketch. p.15.
Blumina, I. - Great painter-humanist. p.16.
Chandr, Krishan. - Mother's love; a story. Translated from Urdu. p.17.
Pohrebniak, V. - Graduation performance. p.19.
Messengers of the Ukraine. p.20.
Universal calendar. p.22.
That is the way it is; humor. p.23.
Bon voyage, friends. p.24.
Pavliuk, S. - Thoft. p.24.

## 6. POLITICAL SCIENCE

[illegible]OR'S NOTEBOOK].
[illegible] Moskovskogo
[illegible]ommu-
[illegible]anda and
[illegible]se and
Party
[illegible]4.

More variety in feeding farm animals. p.22.
Nakroplan, O. - Predatory plans of West German militarists. p.26.
Seleznev, F.N. - Increasing labor productivity by all possible means. p.35.
Belinkov, S. - Pakistan. p.43.

No. 24, Aug. 1956.

Table of contents translated:

Nikolaev, V. - More efficient workers and inventors in our enterprises. p.1.
Orlovskii, V. - Tanker's Day. p.10.
IAkobs, V. - New subways. p.18.
Artamonov, I. - In the struggle for the development of animal husbandry. p.26.
Zykov, S. - The heroic Vietnamese people is creating a new life. p.34.
Who received profits from operating the Suez Canal. p.41.
Nikolaeva, L. - Laying in the feed supply in bad weather. p.44.
Topics and literature for talks in September 1956. p.47.

No. 25, Sep. 1956.

Table of contents translated:

Bukharov, A. - Let's win first place in the competition among stockbreeders. p.1.
Maksimova, A. - Compete in harvesting potatoes in the shortest time and without losses. p.7.
Pokidov, N. - Industrial processes controlled by television. p.14.
Semenova, A. - Drive for the achievement of technical production standards by every worker. p.21.
What automation does to workers of capitalist countries; figures and facts. p.27.
Sergeev, A. - Bulgaria on the road to socialism. p.32.
Belinkov, S. - Peoples of Arab countries in the struggle for freedom and independence. p.39.
Shmanenkov, N., Taranov, M. - Conserving green forage. p.45

No. 26, Sep. 1956.

Table of contents translated:

Marakhanov, M. - For assimilation of technical norms by all workers. p.1.
Dukhanin, K. - Plant more orchards in the Moscow region. p.9.
Riazanova, A. - Great concern for the working man. p.16.
Delliusin, L. - Glorious seventh anniversary. p.27.
The building-materials industry in the sixth five-year plan. p.36.
Let's fulfill our obligations in the competition. p.42.
Pallov, N. - Pickling vegetables. p.46.

No. 27, Sep. 1956.

Table of contents translated:

Vakhonin, V. - Builders, improve the quality of work. p.1.
Velikanov, F. - Procure feed without wasting. p.11.
Bezuglov, A. - Rules for a socialist community. p.16.
Karasev, I. - What gave us over-all mechanization of production. p.30.
Growing exploitation of workers in capitalist countries. p.40.
New books. p.47.

No. 28, Oct. 1956.

Table of contents translated:

In honor of the 39th anniversary of the Great October Revolution. p.1.
Vladimirov, V. - Let's fulfill obligations concerning pork production on collective farms. p.10.
Antipov, A. - Apply supplementary fertilizers to winter grain crops. p.21.
New technology at enterprises. p.25.
From the pages of newspapers and periodicals. p.31.
Dasmanov, N. - School for agitators. p.37.
Sound newsreel. p.40.
Dolzhanskii, L. - Poultry breeding is a profitable branch of collective farm production. p.44.

No. 29, Oct. 1956.

Table of contents translated:

Dvoinishnikov, M. - Thirty-ninth anniversary of the Great October Socialist Revolution. p.1.
Prosperity of Moscow and Moscow Province workers is growing. p.25.
Toward new successes, comrade stockbreeders. p.33.
Workers of capitalist countries struggle for their rights. p.35.
Morov, V. - Election campaign in the U.S.A. p.42.

BOR'BA [THE STRUGGLE]. Organ of Soiuz bor'by za osvobozhdenie narodov Rossii [Union of the Struggle for the Liberation of the Peoples of Russia]. Munich, vol. 10, no. 1(46), Oct. 1956.

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 35, no. 9, Sept. 1956. [In Kazakh.]

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 33, no. 10, July 1956.

Table of contents translated:

Editorial: Overcome completely the consequences of the cult of personality. p.3.
For a creative working out of the history of the Communist Party of the Soviet Union. p.14.
IAkubovskaia, S. - The role of V.I. Lenin in the formation of the Union of Soviet Socialist Republics. p.27.
Kammari, M. - Some aspects of the theory of base and superstructure. p.42.
Evstigneev, V., Zhilin, P., Roginskii, S. - Study the history of the Great Patriotic War more deeply. p.59.
Liberman, E. - Industrial production planning and material stimuli for its development. p.75.
Denisov, G. - The rural district group. p.93.
Arzumanian, A. - Aspects of the Marxist-Leninist theory of the impoverishment of the proletariat. p.105.
Chertkov, L. - Valuable textbook on a branch of economics. p.120.

Vol. 33, no. 11, July 1956.

Table of contents translated:

Editorial: Unity of the international communist movement is indissoluble. p.3.
Reinforcement of socialist legality and the law. p.12.
Thorez, Maurice. - For social progress, peace, and glory of France. p.24.
Notkin, A. - Let us profit by the advantages of socialism in the development of productive forces. p.42.
Arzhanikov, N. - Improve the economic education of students in technical colleges. p.58.
Bazhan, Mykola. - Great writer of the Ukrainian people. p.67.
Belokon', A. - Disarmament program is solvable under existing conditions. p.79.
Mel'vil', IU. - Pragmatism is an ideological weapon of imperialist bourgeoisie. p.94.
Mavrodin, V., Peshtich, S., Dudzinskaia, E. - Beginning of an important and useful work. p.109.
Kheinman, S. - English specialists on the organization of production in industrial enterprises of the U.S.A. p.115.

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 28, no. 6, June 1956.

Table of contents translated:

Editorial: Put in motion all potential means for increasing the production and state purchases of stockbreeding produce. p.2.
Khalipov, N. - V.I. Lenin on the role of the masses and individuals in history. p.10.
Kozlov, V. - Increase the role of local Soviets in the guidance of economic and cultural activities. p.22.
Achapovskii, L., Verkhovskii, G. - Popularization of decisions of the 20th Congress of the Communist Party of the Soviet Union and the progress in workers' industrial activity. p.37.
Matskovskii, V. - Spread more extensively natural sciences among workers. p.43.
Sheleg, A. - The theater is an important section of ideological work. p.46.
A stable fodder supply for communal stockbreeding. p.50.
Shinger, G., Pavliuchenkov, M. - Preparing for the Spartakiada of the Peoples of the U.S.S.R. p.57.
Krymov, I. - Some potential means of reducing expenditures in trade. p.63.
Borovik, E. and others. - Frivolous attitude toward an important publication. p.68.
Party news. p.77.
Follow-up of materials printed in "Kommunist Belorussii." p.80.
Brief news of books. p.2 of cover.

Vol. 28, no. 7, July 1956.

Table of contents translated:

Editorial: Great unity between the Communist Party and the Soviet people. p.2.
V.I. Lenin's unpublished documents. p.11.
Machulin, G. - Propagandize and put into practice the decisions of the 20th Congress of the Communist Party of the Soviet Union more actively. p.24.
Samuilov, I. - What the seminar for collective farm managers contributes. p.32.
Dotsenko, E. - "Red corner" on a stockbreeding farm. p.37.
Carry out harvesting in a short time and without losses. p.40.
Zhikharev, A. - In the struggle for increasing agricultural production. p.46.
Pozdniak, E. - Peaceful coexistence of two systems and a chance to avoid wars in our time. p.52.
Grigor'ev, V. - Glorious fighting vanguard of the Chinese people. p.62.
Dostanko, N. - Leading collective farm masses. p.69.
Book about the people of a rural district; readers' notes. p.74.
Chulitskii, N. - The most important thing is to be able to persuade. p.74.
Baturevich, M. - The party leader. p.76.
Lobodev, P. - Study life thoughtfully and deeply. p.78.
Follow-up of materials printed in "Kommunist Belorussii." p.80.

Vol. 29, no. 8, Aug. 1956.

Table of contents translated:

Editorial: Care for everyday needs and cultural requirements of workers constantly. p.2.
Kulikov, A. - Improve continuously the work of the state apparatus. p.10.
Nogachev, V. - Study and application of progressive

practice and an integral part of party work. p. 17.
Shevtsov, I. - Activity of communists is the real strength of party organizations. p. 25.
Kozhar, I. - New tasks for party schools. p. 29.
Kaz'min, A. - Constant attention to visual propaganda. p. 32.
Gukov, P. - We train the cadres of propaganda workers. p. 36.
Medvedskii, E. - Active members are the mainstay of rural soviets. p. 39.
Bazylev, T., Borovik, F. - Basic conditions for increasing labor productivity in agriculture. p. 44.
Stepanov, V. - Infinity of the universe in time and space. p. 54.
IUrevich, V. - The periodical and life. p. 64.
Brief news on books. p. 71.
Brief news. p. 73.
Follow-up of materials printed in "Kommunist Belorussii." p. 76.

Vol. 29, no. 9, Sep. 1956.
Table of contents translated:
Editorial: Gain a more thorough knowledge of economics. p. 2.
Figlovskaia, L. - IAkub Kolas, great son of the White Russian people. p. 9.
In the Central Committee of the Communist Party of White Russia. p. 16.
IUzhik, N. - Party education in the new academic year. p. 22.
Kozyr', V. - Strictly observe the principles of democratic leadership on collective farms. p. 28.
Avtushko, N. - At the head of machinery operators. p. 33.
Develop a mass movement of efficiency promoters and inventors. p. 38.
Dobruk, V., Afanasik, I. - Practice of paying collective farm members on account. p. 44.
Sikorskii, V. - Unity of theory and practice is the basis of the Communist Party"s activities. p. 52.
Sidorenko, A. - Works on the history of the revolutionary movement in White Russia. p. 62.
Conference on questions of the history of the Communist Party of Western White Russia. p. 62.
Recommended curriculum for two-year schools of economics. p. 72.
Recommended subject plan for groups and seminars studying the history of the Communist Party of the Soviet Union. p. 77.
Literature to aid students of problems in practical economics. p. 82.
Party news. p. 85.

KOMMUNIST KAZAKHSTANA [COMMUNIST OF KAZAKHSTAN]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 26, no. 8, Aug. 1956.
Table of contents translated:
Editorial: The rural district committee of the party. p. 2.
Gankevich, T. - Technical progress in nonferrous metallurgy in Kazakhstan. p. 9.
Fazylov, M. - Help of the U.S.S.R. to underdeveloped countries. p. 14.
Grishagin, I. - District party organization during the harvesting period. p. 19.
Pleinova, L. - Experience in economic education of personnel. p. 26.
Zabugin, I., Donisov, I. - Wrong methods in the selection, training, and placement of personnel. p. 30.
Petrov, B. - Living words; a sketch. p. 34.
Kaveshnikov, N. - Workers' meetings. p. 38.
Medical service for the rural population. p. 40.
Bel'son, IA. - Role of the bourgeois state in the enrichment of monopolies. p. 43.
Abil'daev, K., Volizhanskii, IA. - If you promised, you must fulfill, if you gave your word, you must keep it. p. 48.
Khorkhorin, E. - Important methods for the propogation of progressive work practices. p. 53.
Bagrianisov, A., Boisenov, S. - Arbitrary quotation of archive materials. p. 55.
Kunin, V. - More about supply agencies. p. 57.
Litvinenko, N. - More coal for our country. p. 59.
Party news. p. 63.
Follow-up of material printed in "Kommunist Kazakhstana." p. 64.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 30, no. 10, Oct. 1954.
Table of contents translated:
Editorial: Significant event in the history of the Ukrainian people. p. 3.
Introductory speech of Comrade Mao Tse-tung at the first session of the Chinese National People's Congress on September 15, 1954 in Peiping. p. 13.
Liu Shao-chi. - The draft Constitution of the Chinese People's Republic; report at the first session of the Chinese National People's Congress on September 15, 1954 in Peiping. p. 15.
Doroshenko, P. - Guide agriculture concretely and with skill. p. 47.
Sinitsa, M. - Efforts to increase production and improve the quality of consumers' goods. p. 55.
Prostanik, A. - The press is the sharpest and most influential weapon of our party. p. 64.
Verba, A., Shibik, N. - Book on progressive practice. p. 73.

Vol. 31, no. 4, Apr. 1956.
Table of contents translated:
Editorial: Practise consistently Leninist principles of party leadership. p. 1.
Koroed, A. - V. I. Lenin on the unity of theory and practice. p. 13.
Tikhomirov, IA. - Lenin's ideas on increasing labor productivity. p. 23.
Dubina, K. - Forms of the transition to socialism in different countries. p. 31.
Bubnovskii, N. - Agricultural development of the Republic in the sixth five-year plan. p. 43.
IAmpol'skii, S. - More speed in mastering the production of new machines at Ukrainian factories. p. 54.
Parkhomenko, M. - Important problems for Soviet studies on Franko. p. 65.
Stollarenko, V. - Glorious chronicle of the revolutionary struggle. p. 75.

KOMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 29, nos. 7-8, July-Aug. 1956. [In White Russian.]

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 31, no. 6, June 1956. [In Ukrainian.]
Table of contents translated:
Editorial: Urgent problems in the development of the Ukrainian coal industry. p. 1.
Turchaninov, N. - Prevention of losses is an important factor in increasing the gross grain harvest. p. 12.
Kyryliuk, IE. - Ivan Franko and Russian literature. p. 22.
Matvienko, P. - Organizational work is the basis for industrial successes. p. 33.
Klymko, N. - Economic collaboration among the countries of the socialist system. p. 40.
Nesterenko, A. - Some problems in the economic development of modern capitalism. p. 49.
Boiko, I. - Raise the ideological and theoretical level of historical works. p. 60.
TSvetkov, V. - Generalize the progressive practice of local Soviets in a creative way. p. 71.
Party news. p. 78.

Vol. 32, no. 8, Aug. 1956 [In Ukrainian].
Table of contents translated:
Editorial: Overcome the consequences of the cult of personality completely. p. 1.
Ivan IAkovych Franko, great son of the Ukrainian people. p. 10.
Shuhaiiin, O. - Modern theory on the constitution of matter. p. 22.
Alekseiev, V., Linshenko, V. - Some problems in the over-all mechanization of Donets Basin mines. p. 33.
Hurieiev, M. - Ukrainian agricultural specialists in their struggle to fulfill the directives of the 20th Party Congress. p. 43.
Dmyterko, L. - Dramatic works of Ivan Franko. p. 52.
Oratovs'kyi, V. - Peaceful coexistence of socialist and capitalist systems. p. 60.
Dudnyk, I. - The propagation of progressive experience should be equal to its new tasks. p. 70.
Party news. p. 78.

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Izdatel'stvo [Publishing House] "Znanie." Moscow, no. 6, June 1956.
Table of contents translated:
Fraternal friendship between the peoples of the Soviet Union and Yugoslavia. p. 3.
Important contribution to the peaceful coexistence of peoples. p. 10.
Bakarich, V. - A new stage in the development of relations between the Federal People's Republic of Yugoslavia and the Soviet Union. p. 15.
Vatasov, V. - Soviet-Yugoslav economic cooperation. p. 23.
Figurnov, P. - Development and strengthening of the socialist world economy. p. 31.
Viktorov, IA. - The Soviet Union and the disarmament problem. p. 42.
Silverman, Julius. - Let's be friends. p. 50.
Karlunov, V. - For peace, democracy, and national independence. p. 55.
Vatolina, L. - The Egyptian Republic on the path to independent development. p. 68.
Kartun, Derek. - The national liberation movement in Africa. p. 78.
Shvedkov, IU. - American "assistance" and the countries of Southeastern Asia. p. 87.
Kommentator. - "New era" or an old deception? p. 99.
Solodovnikov, A. - Happy meetings; travel notes. p. 107.
In a fraternal country; an interview with A. K. Tarasova, people's artist of the U.S.S.R. and deputy of the U.S.S.R. Supreme Soviet. p. 110.
International events; May 1956:
New information on the economic development of the German Democratic Republic. p. 112.
Franko-Yugoslav talks. p. 113.
Military laws in the parliament of the German Federal Republic. p. 114.
Favorable prospects. p. 115.
Pulitzer prizes for 1955. p. 116.
Dispute between the U. S. and Latin American countries. p. 117.
A fruitful exchange. p. 118.
A war budget and U. S. policy. p. 119.
Parliamentary elections in Austria. p. 121.
Syria, Lebanon, and the petroleum companies. p. 122.
The Somali people on the path to self-government. p. 123.
Singapore demands independence. p. 125.
Indonesia's first five-year plan. p. 126.
The repatriation of Soviet citizens. p. 127.
From "cold war" positions." p. 128.
In the interests of friendly cooperation. p. 130.
China's international cultural relations. p. 139.
Toporin, B. - Yugoslav journal on international relations. p. 132.
Sergiev, A. - Great changes. p. 136.
Gorelik, IA. - For extending international scientific relations. p. 140.
Mikolan, S. - Indian and Kashmiri authors on events in Kashmir. p. 142.
Madzoevskii, S. - "The Times" in English political life. p. 147.
Shafir, M. - Legislation in socialist Yugoslavia. p. 151.
Convention on cultural cooperation between the Soviet Union and the Federal People's Republic of Yugoslavia. p. 154.
Founding of the U. S. S. R. Association for Assistance to the United Nations. p. 156.

No. 7, July 1956.
Table of contents translated:
The triumph of the idea of peace and friendship. p. 3.
Extending cooperation and good-neighbor relations. p. 9.
Evgen'ev, I., Fedorov, P. - A way to solve the problem of disarmament. p. 14.
Kommentator. - The Soviet Union and the Near East. p. 25.
Pankin, M. - Crisis of the blockade policy. p. 33.
Ichiro, Yamashita. - The Japanese economic situation in 1950-1955 and the impoverishment of the workers (to be concluded). p. 46.
Pichugin, B. - Expansion of West-German monopolies in the capitalist world market. p. 59.
Stone, John B. - U. S. internal problems. p. 70.
Klimov, D. - Albania on the path of independent socialist development. p. 80.
Lampe, Stein. - Norway and its merchant marine. p. 87.
Rodichev, B. - German-Italian plans for the division of the Balkans during the Second World War. p. 95.
Izakov, B. - International meeting of journalists. p. 103.
Aleksandrova, L. - The last colonies in India. p. 106.
International events (June, 1956):
Discussion in the U.S. on foreign policy. p. 113.
The U.S. violates the armistice agreement in Korea. p. 114.
Conference of six ministers in Venice. p. 115.
Agreement on the Saar question. p. 116.
Two trends in price movements. p. 118.
A deal of the petroleum monopolies. p. 119.
In search of "moral support." p. 120.
The New York Stock Market and economic conditions in the U. S. p. 122.
Fictitious aid. p. 123.
Second five-year plan in Czechoslovakia. p. 124.
Soviet-Yemen friendship. p. 126.
Elections in Holland. p. 127.
The English economy and military expenditures. p. 128.
Conditions in South Vietnam. p. 130.
The industrial development of minority regions in the Chinese People's Republic. p. 131.
The development of Bulgarian foreign trade. p. 132.
The road to national independence. p. 133.
The development of the Soviet Union's economic relations. p. 134.
Bespalov, G. - The situation of the working class in West Germany. p. 137.
Arbatov, IU. - Imaginary and real enemies of democracy [in English]. p. 140.
Rozaliev, IU. - Foreign capital in Turkey. p. 143.
Reznikov, L. - The history of the Christian Democratic Party in Italy. p. 146.
Fil'shtinskii, S. - "Don't fear Russian bears" [in German]. p. 149.
Unpublished documents of the Locarno conference. p. 152.

No. 8, Aug. 1956.
Table of contents translated:
Editorial: The all-conquering force of the ideas of Marxism-Leninism. p. 3.
Chou En-lai. - The present international situation, the foreign policy of the Chinese People's Republic, and the liberation of Formosa. p. 11.
Interview given to "Mezhdunarodnaia zhizn'" by Lothar Bolz, Vice President of the Council of Ministers and Minister of Foreign Affairs of the German

Democratic Republic. p. 28.
Kommentator. - A most immediate problem. p. 31.
Mullukov, F. - The Soviet Union and Egypt. p. 40.
Winzer, Otto. - Characteristic features of the foreign policy of the German Federal Republic. p. 49.
Madzoevskii, S. - British foreign policy. p. 61.
Yamashita Ichiro. - Japan's economic situation in 1950-1955 and the impoverishment of the workers. p. 72.
Il'inskii, I., Shavrov, IA. - The indestructibility of free peoples' social conquests. p. 86.
Mikuson, I. - Myth of the "people's capitalism" in the U.S.A. p. 96.
Mel'nikov, D. - Through West Germany. p. 109.
International Events (July, 1956):
Two points of view. p. 120.
Out of step with the times. p. 122.
France and the U.S.A. p. 123.
The prospects of improving Greco-Soviet relations. p. 124.
After the elections in Iceland. p. 125.
Important decisions. p. 127.
Results of President Sukarno's trip. p. 128.
Conference of countries in the British Commonwealth of Nations. p. 129.
Negotiations at Warsaw. p. 131.
France and Euratom. p. 132.
The situation on Okinawa. p. 133.
Seventh Congress of the Social Democratic Party of Germany. p. 134.
The friendship of fraternal peoples. p. 135.
The foreign trade of Yugoslavia. p. 136.
Conference of the governmental heads of Yugoslavia, India, and Egypt. p. 137.
A mighty demonstration of force and solidarity. p. 138.
Festival of Poland's rebirth. p. 140.
Pospelov, B. - A work by progressive Japanese historians. p. 141.
Spirin, V. - Against the yoke of foreign monopolies. p. 145.
Marinni, V. - Kenya under the yoke of colonialism. p. 148.
Survey of books. p. 151.
Three-sided Defense Agreement of Egypt, Saudi Arabia, and Yemen. p. 157.

MOLODEZH' MIRA [WORLD YOUTH]. Published by Vsemirnaia federatsiia demokraticheskoi molodezhi [World Federation of Democratic Youth]. Moscow, no. 4, 1956.
Table of contents translated:
Savaris, Andre. - Discussion in Helsinki. p. 1.
Nikson, Mal'kol'm. - Our understanding of cooperation. p. 3.
Fransuaza. - Girls' problems, Fashions. p. 4.
Meeting with Diana and Rosalinda. p. 5.
Levar, Henri. - Vocational training in France. p. 6.
Biro, Mikhail. - Distance is no obstacle. p. 7.
Zhutovskii, Boris. - Facing the unexplored. p. 8.
Around the world. p. 10.
Visiting with Jerzy Bossak. p. 11.
Hanzelka, Jiři, Zikmund, Miroslav. - The vacuum is filled. p. 12.
Uortman, V. - Marvels of the microcosm. p. 14.
New developments in science and technology. p. 15.
Espatadansa, the dance of the Basques. p. 16.
Today in Spain. p. 17.
Merike, Eduard. - Mozart's journey to Prague. p. 18.
Stevens, Dave. - How I broke Kharosh's record. p. 20.
Kutts, Charli. - Best results at Cortina. p. 21.
Fransua, Per. - UNESCO and youth. p. 22.
We don't need any military alliance blocks. p. 24.

No. 5, 1956.
Table of contents translated:
For peace and happiness. p. 1.
Facts from life. p. 2.
Deeds and dreams. p. 2.
Alexandre, Renée. - In Paris. p. 4.
What the press is talking about. p. 5.
In honor of the 21st of February. p. 6.
uestionnaire. 7.
p. 8.

for judo. p. 10.
Miroslav. - In the land of

oln.

Baasis, H. - First pay. p. 18.
Contest by "Molodezh mira" ["World youth"] in honor of the sixth festival. p. 20.
Young women's page. p. 21.
Johnson, P. - Interview with Inamull Khan. p. 22.
Our mail. p. 24.

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Organ of TSentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 14, no. 7, July 1956.
Table of contents translated:
Editorial: Youth, take part in the campaign for grain. p. 3.
Petrov, I. - The policy of the Communist Party is the policy of building communism. p. 8.
Riabchun, P. - Main feature of our epoch. p. 19.
On the eve of the Spartakiada of the Peoples of the U.S.S.R. p. 26.
Shamaro, A. - Toward the sun. p. 31.
Maure, M., Rydannykh, A. - Great school of life. p. 36.
Golovinskii, V. - Three men in a district. p. 37.
Oparin, S. - Instructor of the district committee. p. 43.
Kudriakov, V. - Not following the pattern; developing the initiative of active members of the Communist Youth League. p. 47.
Mudrov, M. - Where there is no fire there is plenty of smoke; notes on Communist Youth League workers. p. 54.
Oborotov, A. - Introduce experience of the Ural institute to all institutes of higher education; Communist Youth League organization of the Ural Technical Institute struggles to strengthen ties between learning and industrial practices. p. 63.
Kuznetsov, A. - Communist Youth League members are bearers of new ideas. p. 68.
Kamchatnyi, G. - Competition among young milkmaids. p. 72.
Vladimirov, A. - Ungathered grain. p. 75.
Levashova, S. - We must remember this. p. 76.
In primary organizations of the Communist Youth League; brief news. p. 78.
Chizhov, V. - We study the life of our friends. p. 79.
Lobanov, N. - Communist Youth League newsreel. p. 70.
Gumberidze, O. - Irresponsible approach. p. 80.
Kalugin, G. - Vinogradov, V. - The Rezvanov case. p. 81.
Kuchkin, A. - Different forms of socialist revolutions. p. 83.
Efimov, A. - Style in lectures delivered to youth. p. 94.
Kokushkin, IA. - More filmstrips based on the program of Communist Youth League political groups. p. 101.
Konovalov, A., Petrov, IU. - Let's talk about will. p. 102.
Krylov, A. - In the role of a passive news correspondent. p. 109.
Retort to the newspaper "IUnyi Leninets." p. 112.
Bulatov, L., Gneushev, V. - Build a stadium on every collective farm. p. 113.
Sukharov, A. - One month with Rumanian friends. p. 115.
Fradkina, Z., Shokina, N. - Recollections of participants in the revolutionary movement. p. 122.
Lavrenov, N. - Pamphlets on training future workers. p. 126.

MOSKOVSKII PROPAGANDIST [MOSCOW PROPAGANDIST]. Organ of Moskovskii komitet i Moskovskii gorodskoi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Moscow Committee and Moscow City Committee of the Communist Party of the Soviet Union]. Moscow, vol. 13, no. 6, May 1956.
Table of contents translated:
Editorial: Improve educational work among young people. p. 3.
Erofeev, P. - Constantly improve the local press. p. 10.
D'iachenko, V. - Organization of business accounting in industrial enterprises. p. 16.
Dukel'skii, S. - National income in the U.S.S.R. p. 24.
Gapochka, P. - Marxism-Leninism on the role of the masses and the individual in history. p. 29.
orozheikina, G. - More attention to popularizing the material of the 20th Congress of the Communist Party of the Soviet Union. p. 37.
Jaksimov, K. - The party library and propagandists. p. 40.
onotop, V. - Assume and discharge the obligation. p. 44.
largolin, L. - Master one's job. p. 48.
unnov, A. - Strive to reduce construction costs. p. 53.
rishin, A. - In the struggle for a high milk yield. p. 57.
ugalevich, I. - Vocational training of rural school children. p. 60.
rzamastsev, P. - Daily wall newspaper at the factory. p. 63.
olskov, B. - The use of computing machines in automatic control. p. 65.
Housing and communal construction in Moscow and Moscow Province; figures and facts. p. 69.
Svechnikov, P. - Visual aids for propagandists. p. 73.
New books. p. 78.
Follow-up on material in "Moskovskii propagandist." p. 80.

Vol. 13, no. 7, July 1956.
Table of contents translated:
Editorial: For further technological progress in industry. p. 3.
Decisive stage in agricultural work. p. 11.
Garmashov, A. - Greater attention to inventions and suggestions for efficiency. p. 18.
Kotov, M. - The Soviet people in the fight for peace. p. 23.
Bolko, K. - System of economy and profitableness of industrial enterprises. p. 32.
Korionov, V. - The legend of "people's capitalism" and its purpose. p. 40.
Razubaev, A. - Selection and training of propagandists. p. 48.
Golovkin, V., Fedlun'kin, P., Chashnikov, V. - Important medium for the study of economics. p. 53.
Borisov, E. - Party organizations and the dissemination of progressive experience. p. 55.
Khodorov, G. - Outstripping time. p. 61.
Morozov, F. - Best farms in Moscow Province. p. 64.
Kuznetsova, S. - The same old routine. p. 70.
Rozenberg, L. - Supersonic waves and their use in technology. p. 74.

NARODNYI KITAI [PEOPLE'S CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign Language Press]. Peking, no. 9/10, May 1951.
Table of contents translated:
The victory of the Soviet people strengthens peace. p. 3.
The only basis for a peace treaty with Japan. p. 3.
Ch'eng, Ch. K. - Wall Street concocts a "peace treaty" for Japan. p. 4.
Chu Hsüeh-fan. - Workers' insurance in people's China. p. 7.
Sung Ch'ing-ling. - New China's progress. p. 10.
Illustrations. p. 21.
Sun Wu-ling. - The unity of the Vietnamese people is increasing. p. 30.
Chou Hsüeh-sheng. - The struggle for coal. p. 32.
Hsiao Chien. - How the peasants took back their land from the landlords. p. 34.
Su Ming. - Women's railway work team. p. 39.
The May Day celebration in China. p. 41.
China today, April 11-May 10, 1951. p. 42.
Illustration. p. 44.

No. 9, May 1956.
Table of contents translated:
Lai Je-yü. - Immediate tasks of the laboring class of China. p. 3.
Secretaries of the party organizations are responsible for the cooperatives and the entire party is responsible for managing them. p. 7.
Yeh Sheng. - Formosa under the domination of the armed forces of the U.S.A. p. 10.
Fulfill the first five-year plan ahead of schedule. p. 19.
Further strengthening friendship and solidarity. p. 20.
Spring ploughing in the western part of Szechwan Province. p. 22.
Ch'e Mu-ch'i. - Automobiles will soon come off the assembly lines. p. 23.
The Tat'ung Cement Plant. p. 27.
Lei P'eng. - In the Peking Institute of Ferrous Metallurgy. p. 28.
Li Chi-yen. - An entomologist's story. p. 32.
Cultural life. p. 36.
Brief news. p. 38.

No. 12, June 1956.
Table of contents translated:
Shih Chün. - Historical development of a Chinese intelligentsia. p. 3.
Sung Ch'ing-ling. - Give children the best. p. 9.
Liu Pai-yü. - We shall strive for the flourishing of Chinese literature. p. 11.
Li yu-i, Chou Ch'ing-shu. - The people of Tibet is the brotherly family of Chinese peoples. p. 15.
Chu P'ei-chun. - Trip to the Anyuan mines. p. 18.
Kao Ke-chin. - In the Liuchiahsia Canyon. p. 27.
Shenyang cable factory. p. 31.
In memory of Kalidasa, Heine, and Dostoevskii. p. 33.
Cultural life. p. 37.
Ch'en Chih-han. - Treatment of hemorrhoids with methods of Chinese medicine; answers to reader's questions. p. 39.

No. 13, July 1956.
Table of contents translated:
Yeh Chi-chuang. - Establishing diplomatic relations between China and Egypt. p. 3.
T'ien Han. - Modern Chinese drama. p. 6.
He Ching-chih. - In Yenan again. p. 11.
Hsü Ch'i. - What's new in the construction of the

bridge across the Yangtz'u river. p. 17.
Yüan Hsien-tu. - Readers' letters. p. 20.
Metal construction plant. p. 27.
Chün Ch'ing. - Communist membership list; a story. p. 29.
Ginseng; answers to readers' questions. p. 38.
Cultural life. p. 40.
Brief news. p. 42.

No. 14, July 1956.
Table of contents translated:
Chu Chi-hsin. - Budget of socialist construction. p. 3.
U.S.S.R. helps China to reach the standard of world science. p. 7.
Ch'en Ch'i-hai. - Development of cooperatives in the domestic craft industry of China. p. 10.
Chai Li-lin. - Types of architecture in China. p. 15.
Tuan Lien-ch'eng. Justice and generosity. p. 19.
Wu Ping-chen, Ting Fu-hai. - Unforgettable five days. p. 20.
Paoki - Chengtu railroad line. p. 31.
Happiness of work. p. 34.
History of the invention of gunpowder; answers to readers' questions. p.37.
Cultural life. p. 40.
Brief news. p.42.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 14, no. 26(580), June 1956.
Table of contents translated:
In the interests of peace and socialism. p. 1.
Sovremennik. - Some lessons of the Second World War. p. 3.
Varga, E. - Ill-starred defenders of "people's capitalism." p. 6.
Kon, I. - Is it a "crisis of history" or a crisis of reactionary ideology? p. 10.
Laponogov, I. - Socialist countries cooperate. p. 15.
An interview on the development of Anglo-Soviet tourist ties. p. 17.
International notes:
Futile visit. p. 18.
Quoting the bible. p. 19.
Attention, "Newsweek"! p. 19.
Petroleum battle. p. 20.
Twenty-five thousand letters under arrest. p. 20.
Beba, Karel. - Czhechoslovakia, a maritime power. p. 21.
Nikolaeva, Tat'iana. - In the Iranian capital. p. 24.
From the editor's mail. p. 26.
Dregol', E. - The shadow of 1929 ("The great crash 1929." J. K. Galbraith). p. 27.
People and events: Sarvopalli Rakhakrishnan, Mohammed Reza Pahlevi; biographical notes. p. 30.
Mirskii, G. - Complicated mechanics; economic notes. p. 31.
Results of the Soviet-Yugoslav talks. insert.

Vol. 14, no. 27(581), June 1956.
Table of contents translated:
The basis for a durable peace. p. 1.
Nesterov, M. - Soviet trade with the West. p. 3.
Bogdanov, O. - Contrary to facts. p. 6.
Frühauf, René. - Czechoslovak industry in the second five-year plan. p. 8.
Zaslavskii, D. - Glorious traditions. p. 11.
Kromnov, M. - The Galíndez affair. p. 13.
Soviet aviation festival; a report. p. 16.
International notes:
Symptomatic stop. p. 16.
Wards or guinea pigs. p. 17.
Highly original contribution to military science. p. 18.
On Okinawa. p. 18.
Kuusinen, O. - We visited friendly Belgium. p. 19.
Perventsov, Arkadii. - A meeting with youth. p. 23.
Chernikov, G. - Atomic power in France. p. 27.
People and events: Norodom Sihanouk, Sanzhiin Bata; biographical notes. p. 29.
Amarova, M. - The responsibility of a scientist ("Pride and the cloud" [in French], Georges Soria). p. 30.
Soviet-Yemen communiqué. insert.

Vol. 14, no. 28(582), July 1956.
Table of contents translated:
A goodwill mission. p. 1.
Rubinshtein, M. - Possibilities for a noncapitalistic development of underdeveloped countries. p. 3.
Ermashev, I. - If there were such a law. p. 7.
Rudevics, A. - Who gains by this? p. 12.
Zagladin, V. - A poisoned flower. p. 14.
International notes:
Cambodia and the U.S.S.R. p. 16.
Parliamentary elections in Iceland. p. 16.
No change in policy. p. 18.
A worthy reply. p. 18.
Events in Guatemala. p. 19.
The fortuneteller on the escalator. p. 19.
Perventsov, Arkadii. Volunteer Saturdays. p. 21.
Vujacic, Mirko. Jablanica. p. 23.
Bessarabov, A., Syshchikov, IU. - A year at the Sorbonne. p. 26.
Zhukov, Vl. Seeking new roads "Turning point toward peace" [in English], James P. Warburg. p. 29.
People and events: Kim Il-song, Jamal abdal-Nasir, Dag Hammerskjold. p. 31.
Documents: Resolution of the Central Committee of the Communist Party of the Soviet Union: On overcoming the cult of the individual and its consequences. insert.

Vol. 14, no. 29(583), July 1956.
Table of contents translated:
Socialism and peace are invincible. p. 1.
Sovremennik. - Events in Poznan. p. 3.
Sotnikov, I. - Are you for or against disarmament? p. 7.
Interview with Prince Norodom Sihanouk. p. 9.
Men'shikov, S. - Some problems in the American economy. p. 10.
Artobolevskii, I. - Let's work together. p. 14.
International notes:
New obstacle to German reunification. p. 16.
Unjustified calculations. p. 17.
Poison ivy is uprooted. p. 18.
European Coal and Steel Community, Italy, and coal. p. 18.
Unseemly role. p. 18.
The embargo must end. p. 19.
Iordanskii, V. - Around Europe. p. 20.
Eremeev, T., Mikhailov, I. - Australian impressions. p. 24.
Gukasian, A. - In Pakistan. p. 26.
Morocco. p. 26.
People and events: Drees, Willem; biographical notes. p. 31.
Joint communiqué on negotiations between representatives of the U.S.S.R. government and Prince Norodom Sihanouk. insert.

Vol. 14, no. 30(584), July 1956.
Table of contents translated:
Session of the Supreme Soviet of the U.S.S.R. p. 1.
Sovremennik. - Ideas of internationalism and the national liberation movement. p. 3.
Slavin, G. - Restore China's legal rights in the U.N. p. 7.
Ivanov, M. S. - Untapped potentialities. p. 10.
Interview with Maurice Destenay, Chairman of the Belgian Liberal Party. p. 12.
A meeting with Uruguayan textile workers. p. 14.
International notes:
Imaginary danger. p. 16.
More about the "open sky." p. 17.
A NATO for Africa. p. 17.
The strike continues. p. 18.
Rough passengers. p. 18.
Iordanskii, V. - Around Europe. p. 19.
Kargin, V. - In the state of Israel. p. 24.
A science with a great future; an interview with M. G. Meshcheriakov, Corresponding Member of the Academy of Sciences of the U.S.S.R. p. 26.
Kutoishchikova, V., Ospovat, L. - A review of Mexican literature. p. 28.
People and events: Otto Grotewohl, Walter Ulbricht, Lothar Bolz; biographical notes. p. 30.
World events:
The fifth session of the fourth meeting of the Supreme Soviet of the U.S.S.R. supplement.
Statement on the results of negotiations between the Soviet Union and the German Democratic Republic. supplement.
Joint Soviet-Korean communiqué. supplement.

Vol. 14, no. 31(585), July 1956.
Table of contents translated:
Reality and illusion in the German question. p. 1.
Ermashev, I. - Washington and the neutrality problem p. 3.
Molchanov, N. - Prospects for atomic development in Europe. p. 7.
Paletskis, IUstas. - Five days in Luxemburg. p. 12.
When arguments are inadequate. p. 14.
International notes:
Extortion. p. 16.
More bases. p. 16.
"Careful, your friends are listening." p. 17.
For thoughtful businessmen. p. 17.
Panama conference. p. 17.
Bucharest and Washington. p. 18.
Ginzburg, Lev. - A trip in a red bus. p. 19.
Burchett, Wilfred. - Letter from Laos. p. 24.
From the editor's mail. p. 27.
Manukian, A. - "The empire of oil" [in English], Harvey O'Connor. p. 29.
People and events: Mamoru Shigemitsu, Erich Ollenhauer. p. 31.

Vol. 14, no. 32(586), Aug. 1956.
Table of contents translated:
Parliaments and disarmament. p. 1.
Sovremennik. - Mr. Shigemitsu's arrival. p. 3.
Rubinshtein, M. - Possibilities for a noncapitalistic development of underdeveloped countries. p. 6.
Bochkarev, IU. - Egypt's legitimate right. p. 10.
Mel'nikov, D. - The reverse side of West Germany's "economic miracle." p. 12.
Interview with Lord Chorley. p. 15.
International notes:
Bonn is frightened. p. 16.
Victory for U.S. steelworkers. p. 17.
How to cause a sensation. p. 17.
"Operation fiasco." p. 18.
Ginzburg, Lev. - A trip in a red bus. p. 19.
Baranov, N. - Visiting New York builders. p. 25.
Panov, D. - A very important center of scientific information. p. 27.
People and events: Maurice Thorez, Erno Gero; biographical notes. p. 29.
Gerasimov, G. - Imaginary danger. p. 30.

Vol. 14, no. 33(587), Aug. 1956.
Table of contents translated:
Food for thought. p. 1.
Smit, M. - Is the class struggle in capitalist countries subsiding? p. 3.
Leonidov, A. - The unpublicized history of the Suez Canal Company. p. 7.
Fedorov, B. - Soviet-Finnish economic relations. p. 11.
Taglev, E. - The "New York Times'" yardstick. p. 14.
International notes:
Arabian winds. p. 17.
A sad evolution. p. 17.
Reprimands don't help. p. 18.
Nonsense. p. 18.
Futile hoard. p. 18.
Political price list. p. 19.
Leriche, Fernand. - On vacation. p. 20.
Bezymenskii, L. - Central Europe in the summer of 1956. p. 22.
Il'in, V. - The International Congress on Cybernetics. p. 26.
Dudinskii, I. - "Economic development in the European people's democracies." p. 29.
People and events: Horvath, Imre; biographic notes. p. 32.

Vol. 14, no. 34(588), Aug. 1956.
Table of contents translated:
Our Finnish neighbor. p. 1.
Zhilin, IU. - Has capitalism changed? p. 3.
Bochkarev, IU. - Suez and the "free world." p. 6.
Krotkov, F. - A danger which must be eliminated. p. 11.
International notes:
A new tone. p. 14.
Another bloc? p. 14.
Bach and jet planes. p. 15.
What is disturbing them. 15.
Afrin, G. - On Sumatra. p. 16.
Iganson, B. - The Venice Biennale. p. 22.
From the editor's mail; a letter to German miners. p. 26.
Germaneto, G. - Too many taxes ("The country of taxes" [in Italian]). Enrico Nobis. p. 26.
The Gold Coast; answers to readers' questions. p. 29.
People and events: Elisabeth, Queen of Belgium, Adolf Heusinger. p. 31.
Declaration of the Soviet Government on the Suez question. insert.

Vol. 14, no. 35(589), Aug. 1956.
Table of contents translated:
In the spirit of realism. p. 1.
Zhilin, IU. - Has capitalism changed (conclusion)? p. 3.
Von Bonsdorff, Goran. - Pattern for peaceful coexistence. p. 6.
Wagner, Wolfgang. - Arbitrary and illegal act. p. 12.
International notes:
The nomination of Stevenson. p. 13.
It isn't an emotional act. p. 17.
Catastrophe at Marcinelle. p. 17.
Knights of the "sword and shield." p. 18.
Dangerous "defenders." p. 19.
Van'iat, IUr. - Spartakiada of the Peoples of the U.S.S.R. p. 20.
Sheratiuk, A. - In a Bulgarian village. p. 24.
Bezymenskii, L. - Central Europe in the summer of 1956. p. 26.
People and events: Asgeir Asgeirsson, Oscar Torp, Lambertus N. Palar; biographical notes. p. 30.

PARTIINAIA ZHIZN' [PARTY LIFE]. Published by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 12, June 1956.
Table of contents translated:
Editorial: Main task in harvesting. p. 3.
Degtiar', D. - Role of republic organs in the direction of the economy. p. 9.
Surganov, F. - Initiative of collective farm party organizations. p. 16.
Fomenko, IA. - On a big wave; a sketch. p. 23.
Meet demobilized soldiers with consideration. p. 35.
Respect the rights of primary party organizations. p. 37.
Chernlak, A., Stanislavskii, A. - Purchasing power and production under socialism; an economic dogma. p. 40.
The importance of lowering production costs; statistics and facts. p. 46.
Korol'kevich, F. - What have been the results of changing the structure of city committees. p. 52.
Bichevoi, IA., Shakhzadov, I., Gozman, G. - Work plan for harvesting grain in separate operations. p. 57.
Fishman, IA. - Urgent problem in agriculture. p. 62.
Greshnikov, I. - It worries us. p. 67.
Popelenskii, P. - Why do they do it that way. p. 69.
Kurykin, I. - Intercollective farm construction organization. p. 70.
Izergin, V. - Seminar for active party members of a district. p. 71.
Deriabin, N. - Visual propaganda at a factory. p. 73.
Procedure for rewarding full-time party, trade-union, and Communist Youth League workers. p. 77.
Must a secretary of a party organization make a report when transfered to other work. p. 78.
Party news. p. 79.

Follow-up of material printed in "Partiinaia zhizn' ": "A new structure with old methods," "Bypassing primary organizations." p. 80.

No. 13, July 1956.
Table of contents translated:
Editorial: Overcoming the cult of the individual and its consequences. p. 3.
Statutes of a collective farm. p. 10.
Dmitriev, N. - The municipal committee and workers' living conditions. p. 19.
Better utilization of hidden potentialities in meat production. p. 25.
Party assignments. p. 31.
Kuznetsov, A. - Labor productivity in industry. p. 33.
Abramov, B. - Hydraulic construction in the sixth five-year plan; facts and figures. p. 41.
The secretary of the party organization is a leader and comrade; a review of letters. p. 47.
Gladnev, I. - Some examples of an organizational approach. p. 54.
Mozurov, I., Kochetkov, A., Ermolaev, V. - Simplify the district apparatus. p. 59.
Concerning a plenum. p. 63.
A feeling for the new and the party loyalty in the work of managers. p. 64.
"Reach every man." p. 64.
A communist's duty. p. 65.
The party organization does not tolerate squabblers. p. 66.
Kryvetev, I. - Scientific and atheistic literature for the masses. p. 67.
Koloskov, A. - Book and manuscript. p. 73.
Party news. p. 78.
The next admission of auditors to party schools. p. 80.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 19, no. 22, Nov. 1956.

SLAVIANE [THE SLAVS]. Organ of Slavianskii komitet SSSR [Slavic Committee of the U.S.S.R.]. Moscow, no. 7, July 1956.
Table of contents translated:
Friendship and cooperation between the people of the Soviet Union and Yugoslavia. p. 3.
Bondar', N. - Heroic pages in the history of the peoples of Yugoslavia. p. 8.
Lemko, IA. - The People's Poland, strong champion of peace and international security. p. 11.
Vinogradov, V.V. - Conference of the International Committee of Slavists. p. 19.
Belic, A. - Moscow is the greatest center of Slavic studies. p. 22.
Lehr-Splawinskii, T. - Slavic studies in Poland. p. 23.
Stolkov, S. - Cooperation between Bulgarian and Soviet linguists. p. 26.
Ryl'skii, M. - Ivan Franko and the Slavic world. p. 26.
Atanasov, P. - Ivan Franko and Bulgaria. p. 32.
Tslupa, I. - Volyn restored. p. 34.
Komarov, K. - In the Petersburg years... p. 37.
Krymov, B. - Brother peoples. p. 44.
Kirillova, L. - Meetings and impressions. p. 46.
Kishkin, L. - A Karel Havlicek-Borovsky letter. p. 49.
Babat, G. - Nikola Tesla. p. 51.
Solov'eva, A. - Josef Kajetan Tyl. p. 53.
Likhachev, D. - New Bulgarian edition of the "Tale of Igor's expedition." p. 57.
Shaporin, IU. - History of international relations of Slavic peoples. p. 60.
Evening devoted to the friendship between the Soviet Union and Yugoslavia. p. 61.
In memory of a great son of the Bulgarian People. p. 61.

No. 6, Aug. 1956.
Table of contents translated:
Concern for the public welfare. p. 3.
Sergeev, T. - The power of the socialist system. p. 7.
respondents:
ater season; interview with
le to work produc-
p. 12.
th
15.

struggle speak. p. 63.
Evening dedicated to the 100th anniversary of the birth of Nikola Tesla. p. 63.

SVOBODA. FREEDOM. Organ of TSentral'noe ob"edinenie poslevoennykh emigrantov iz SSSR [Central Association of Postwar Refugees from the U.S.S.R.]. Munich, vol. 4, no. 52, Oct. 1956.

TÜRKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 30, no. 7, 1956. [In Turkmen.]

V ZASHCHITU MIRA [IN DEFENSE OF PEACE]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 60, May 1956.
Table of contents translated:
Cot, Pierre. - Unite in the name of peace. p 1.
Korona. - No one can claim a monopoly of the fight for peace. p. 7.
Morgan, Claude. - Vicious circle in Algeria. p. 12.
Disarmament above all. p. 15.
Statistics. From our pockets. p. 19.
Roy, Claude. - No, M. Cartier, we are not hostile to Americans! p. 21.
Interview with Paul Robeson. p. 25.
Acupuncture (healing by pricks). p. 33.
Juarez, Claudio. - Latin America is a continent with innumerable riches. p. 45.
Verdier, Jean. - Phytotron. p. 53.
The Japan of Madame Butterfly and the other Japan. p. 57.
Rouze, Michel. - A picture is sold. p. 62.
Purcell, Diana. - Workshop Theater. p. 67.
Mr. and Mrs. Flea. p. 73.
Rembrandt's "Night watch." p. 75.
Protect the earth's animal world. p. 81.

No. 61, June 1956.
Table of contents translated:
Cot, Pierre. - Destiny of the Arabic world. p. 1.
Kayser, Jacques. - Opinion of a Frenchman about coexistence. p. 10.
Chemla, Teddy. - Tunisia. p. 13.
Morgan, Claude. - New events in the East and West. p. 18.
Mende, Tibor. - Conversations with Nehru. p. 23.
Nikulin, Lev. - People and books. p. 28.
Burden of military expenditures. p. 32.
Guber, Aleksandr. - Ten days in Japan. p. 35.
Verdet André. - Picasso recognized Picasso. p. 45.
Vigier, Anil da Silva. - My journey to the land of free women and golden temples. p. 52.
Montiel, Jean. - The Louvre; do not follow the guide. p. 60.
Rémy, Tristan. - Mister Clown is 150 years old. p. 65.
Hoa, Irene. - My Peiping friend. p. 73.
Derwish, Suat. - Life. p. 81.
Parker, Ralph. - Young ballerinas. p. 91.
Rouze, Michel. - Can we live without the spleen? p. 96.
Boulesounouse, Janine. - An unknown sea; Balaton. p. 101.
Popovskii, Mark. - Disease without prospects for the future. p. 104.

No. 62/63, July-Aug. 1956.
Table of contents translated:
Cot, Pierre. - International significance of the Algerian problem. p. 1.
Summary of the half year. p. 12.
De la Gorce, Paul-Mario. - Nasser's three trump cards. p. 15.
Kraminov, Daniil. - Veracity or verisimilitude. p. 21.
Obraztsov, Sergei. - The song as a story and a role. p. 32.
Rouze, Michel. - The geophysicists are going to auscultate the world. p. 36.
Martinet, Gilles. - Neutralism is not neutrality. p. 43.
Soriano, Francoise and Marc. - The jewels of Madame Scott Kimmish; a story. p. 48.
Phelps, Douglas. - Hitchhiking from New York to Los Angeles. p. 56.
Gheerbrant, Alain. - Orinoco-Amazon; epilogue. p. 64.
Verdier, Jean. - Movies by telephone. p. 111.
Charles, Jean. - O. Henry. p. 116.
Skliarenko, Semen. - Ivan Franko; 100th anniversary of his birth. p. 121.
Antonova, Valentina. - Cathedral of St. Sophia in Kiev. p. 126.
D'Eaubonne, Francoise. - Riddles in the painting of Watteau. p. 132.
Kriotsas, Adonis. - In the heart of Iran. p. 136.
Liubeckis, Mikhail. - Lithuanian tourists as guests of northern neighbors. p. 142.

/IL'NA UKRAINA [FREE UKRAINE]. Issued by Ukrains'ka vil'na hromada v Amerytsi [Ukrainian Free Society of America]. Detroit, vol. 3, no. 12, 1956. In Ukrainian.]

A ROSSII. THE BANNER OF RUSSIA. Organ of skaia nezavisimaia monarkhicheskaia mysl' [Russ- Independent Monarchistic Thought]. New York, ., nos. 147-148, Oct.-Nov. 1956.

## 7. LAW

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Sektor filosofii i prava. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Section of Philosophy and Law. Transactions]. Alma-Ata, vol. 1, 1956.
Table of contents translated:
Binder, M.A. - The economic-organizational and cultural-educational activity of the Soviet state in Kazakhstan during the struggle for the socialist industrialization of the country (1926-1929). p. 3.
Imashev, M.T. - Kazakh rural and village soviets during the period of intensive collectivization (1930-1934). p. 48.
Baisalov, S., Erenov, A. - Characteristics of land and water legislation in Kazakhstan at the end of the 19th century and beginning of the 20th. p. 78.
Masevich, M.G. - Memorials of Kazakh customary law. p. 89.
Nikolaeva, L.A. - Judicial procedure for the settlement of labor disputes. p. 99.

MOSCOW. VSESOIUZNYI INSTITUT IURIDICHESKIKH NAUK. Uchenye zapiski [ALL-UNION INSTITUTE OF JURIDICAL SCIENCES. Studies]. No. 4, 1955.
Table of contents translated:
Braude, I.L. - The Soviet legal system. p. 3.
Gurvich, M.A. - The subject of Soviet civil procedure. p. 28.
Troshin, A.F. - The nature of labor law applicable to machine-tractor station workers. p. 60.
Min'kovskii, G.M. - Circumstantial evidence in Soviet criminal procedure. p. 78.
Kuznetsov, A.V. - Concept and types of documents in Soviet criminal law. p. 109.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi arbitrazh. Sbornik instruktivnykh ukazanii [State Arbitration Commission. Collection of Rules]. Moscow, no. 3, 1956.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut prava Akademii nauk SSSR and Vsesoiuznyi institut iuridicheskikh nauk Ministerstva iustitsii SSSR [Law Institute of the Academy of Sciences of the U.S.S.R. and of the All-Union Institute of Juridical Sciences of the Ministry of Justice of the U.S.S.R.]. Moscow, no. 5, 1956.
Table of contents translated:
Ushakov, A.A. - V.I. Lenin and the codification of Soviet law. p. 3.
Chistiakov, O.I. - Organization of the codification of law in the first years of Soviet rule (1917-1923). p. 10.
Fialkov, M.A. - Improving the state apparatus of trade administration. p. 23.
Ionas, V.IA. - Desirable amendments to the statute on inventions and technical improvements. p. 32.
Golunskii, S.A. - Course of study: Jurisdiction of the public prosecutor in the U.S.S.R. p. 41.
Antimonov, B.S., Flolshits, E.A. - Relationship between copyright and labor law. p. 48.
Shtutin, IA.L. - Declaratory judgments (pre-trial) in Soviet civil procedure. p. 58.
Taushani, Riza. - Development of legislation in the Albanian People's Republic. p. 68.
Moloditsov, S.V. - Downfall of the colonial system and its influence on international law. p. 79.
Zivs, S.L. - Legality in present-day imperialist states. p. 87.
Khalfina, R.O. - Contracts in English civil law. p. 99.
Mitskevich, A.V. - The various kinds of persons in Soviet law. p. 111.
Shemetov, V.I. - Organization of the work of administrative commissions attached to executive committees of district and city soviets of workers' deputies; based on material from Irkutsk Province. p. 117.
Tishkevich, I.S. - Elements of an incomplete crime. p. 120.
Sternik, I.B. - Review of sentences based on new evidence. p. 122.
Conference in the editorial office of "Sovetskoe gosudarstvo i pravo" on the new course: Direction of public prosecution. p. 126.
V.A. - At the Law School of Irkutsk University. p. 127.
Kechek'ian, S.F. - "The legislative function in the Soviet state," D.A. Kerimov. p. 129.
From the editor. p. 132.
Pergament, A.I. - "Protecting the interests of children in Soviet domestic relations and civil law," G.M. Sverdlov. p. 134.
Beliaev, N.A. - "Soviet criminal law in the struggle against inefficiency and waste," T.L. Sergeeva. p. 138.
Zelder, N.B. - "Admissions of a party in Soviet civil procedure," V.K. Puchinskii. p. 140.
Malakhovskii, K.V., Nesterov, V.S. - Works of Finnish lawyers on international law. p. 143.
Mironov, V.K. - "Czechoslovak labor law" [in Czech]. K. Witz, J. Hromada. p. 146.
Makhnenko, A.Kh. - A review of the Polish journal "Państwo i prawo" for 1955. p. 150.

L. V. - A new public law journal in the Polish People's Republic. p. 154.
Polish legal literature (1955). p. 155.

## 8. EDUCATION

### a) GENERAL

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 17, no. 6, June 1956. [In Ukrainian.]

Table of contents translated:

Editorial: Happiness of children is in the hands of the peoples. p. 1.
Sukhenko, IE. - K. D. Ushinskii on preschool education. p. 5.
Leshchenko, K. - Teaching older preschool children to tell a story about a picture. p. 10.
Lukichova, V. - Guiding the educational staff's work in the kindergarten. p. 16.
Panchenko, V. - Work of the kindergarten director. p. 19.
Bakharjeva, A. - Work with exceptional children. p. 24.
Saliak, A. - In a former wasteland. p. 28.
Tarnove'ka, V. - The bed in our garden. p. 31.
Hnieva'kyi, A. - Kindergartens in Czechoslovakia. p. 33.
Kyshko, I. - March. p. 35.
Startsev, I. - Problems of water supply hygiene in kindergartens. p. 36.
Malakhova'ka, L. - Attractive and comfortable summer clothes for children. p. 38.
Stupak, IU. - Educational ideas in folklore. p. 41.
Letters to the editor. p. 45.

Vol. 17, no. 7, July 1956. [In Ukrainian.]

Table of contents translated:

The ideological tempering of preschool workers is a guarantee of successful work. p. 1.
Fadieieva, O. - Some ways to teach drawing. p. 5.
Slon', K. - Work with children of varying ages. p. 10.
Tokar, P. - Organizing the work of a boarding-school group in a multiroom kindergarten. p. 12.
Kvasman, M. - Work with an evening group. p. 16.
Antonova, V. - Petrushka visits the children. p. 20.
Siwydka, H. - In People's Poland. p. 24.
Startsev, I. - Planning the menu and portions in a kindergarten. p. 29.
Letters to the editor. p. 45.

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 29, no. 7, July 1956.

Table of contents translated:

Let us fulfill the decisions of the 20th Congress of the Communist Party of the Soviet Union on preschool education. p. 1.
Ezikeeva, V.A. - The comprehension of artistic illustrations by older preschool children. p. 6.
Alimpieva, A.S., Doroshevich, E.V. - Play training of a friendly children's group. p. 13.
Vikhreva, E.F. - Children's work in nature. p. 26.
Poliakova, E. - The nature of musical activity under summer conditions. p. 28.
Belikov, V.A. - Building kindergartens in the sixth five-year plan. p. 31.
Voskresenskaia, A.I. - Preparing older kindergarten children for school. p. 33.
Forty years of pedagogical work. p. 36.
Gennings, E.B. - Educational games with plants for children. p. 37.
Demurova, E.IU. - Sundays in the country. p. 40.
Timoshkov, V.V. - How to eliminate flies in preschool institutions. p. 42.
Letters to the editor. p. 44.
Voronkova, L.F. - New books by Sergei Baruzdin. p. 45.

Vol. 29, no. 8, Aug. 1956.

Table of contents translated:

Prepare kindergartens well and in time for a new year of work. p. 1.
Frolova, O.A. - Work training in the kindergarten. p. 4.
Usilnzhanlnova, E.R., Solov'eva, O.I. - Round-the-clock groups. p. 14.
Lebedeva, E.A. - Work practice in education. p. 16.
Florina, E.A. - Technical toys. p. 27.
In memory of E.G. Levi-Gorinevskaia. p. 32.
Sizenko, Z.D. - Autumn in the forest. p. 33.
Familiarizing children with nature during the autumn. p. 39.
Answers to readers' questions. p. 43.
Ezikeeva, V.A. - Books on training in the family. p. 45.

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 17, no. 7, July 1956.

Table of contents translated:

Markov, G. - Siberia is waiting for new settlers. p. 2.
Nemchenok, A. - The club and activities of the collective farm. p. 6.
Litvinov, V. - Nikolai Polulan walks through the fields. p. 11.
Zhukov, A. - Thoughts on the repertoire. p. 16.
Vashchinkina, E. - The house of culture and life in the district. p. 20.
Spitsyn, V. - Collective farmers organize public services in their villages. p. 23.
Ashevskii, V. - Amateur art activities of a machine-tractor station. p. 24.
Sirotin, I, Semenov, K. - Concern for the cultural needs of shareholders. p. 26.
Vasiukova, L. - Photographic exhibition "Economy of Bryansk Province in the sixth five-year plan." p. 29.
Morozov, A. - Preparing for the Spartakiada of the Peoples of the U.S.S.R. p. 31.
In the collective farm house of culture at the All-Union Agricultural Exhibition. p. 33.
Comments and letters. p. 34.
To virgin land regions. p. 39.
Antonov, S. - Cold training. p. 40.
Material for the stage of propaganda brigades. p. 44.
Almazov, M. - Pearl of the Adriatic Sea. p. 50.
Advice and consultation. p. 52.
Brief news. p. 56.
On books and motion pictures. p. 57.
Our calendar. p. 60.
Chess. p. 62.
"Gay recreation." p. 63.

Vol. 17, no. 8, Aug. 1956.

Table of contents translated:

Mel'nikov, P. - Concern for the welfare of man should be put above everything. p. 2.
Sapunkov, IA. - The time has come. p. 4.
Zueva, T. - Support undertakings of Belgorod Province and Siberian collective farmers. p. 6.
Matsepuro, V., Tiulenev, M. - House of rural culture. p. 7.
Cheshchevoi, P. - The club is the supporting base of the party organization. p. 10.
Firstov, V. - For stockbreeders and fishermen. p. 13.
Sekushenko, N. - Wall newspaper and its editors. p. 16.
Kokoreva, A. - United society of rural athletes. p. 19.
Panichkin, N. - Review of community centers. p. 22.
Rubanovich, I. - This is not the way to train special workers. p. 25.
Comments and letters. p. 27.
Letter to our Siberian comrades. p. 29.
Davydov, L. - At the All-Union Industrial Exhibition. p. 33.
Svetov, A. - This is how records are made. p. 39.
Komarov, V. - Mystery of Mars. p. 43.
Khar'kov, N. - A cup of tea. p. 46.
Lagoda, V. - Musical story. p. 48.
Ivan Franko; on the 100th anniversary of his birth. p. 49.
Tkachenko, A. - In the rural clubs of Albania. p. 51.
Festival of youth. p. 55.
The bookshelf. p. 58.
Our calendar. p. 60.
Calisthenics at the festival. p. 63.

LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IM. A.I. GERTSENA. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Scientific Records]. Vol. 119, 1956. Voprosy politekhnicheskogo obuchenila v srednei obshchoobrazovatel'noi shkole [Problems in general technical instruction in the secondary school].

Table of contents translated:

Foreword. p. 3.
Znamenskii, P.A. - Instruction from the point of view of applied technology in analyzing material in physics lessons. p. 5.
Pereverzov, B.I. - Examples of laboratory work in physics in an applied technology context for classes 8-10. p. 21.
Martynova, K.E. - Industrial excursions in the field of physics as one means of effectuating applied science instruction. p. 33.
Markov, A.S. - Organizing a physics and technical club in a rural school. p. 67.
Sholinskii, G.I. - Elements of applied science instruction in the study of nitrogen compounds in the class 9 chemistry course. p. 79.
Tulinkova, G.M. - Agricultural elements in the chemistry course in and outside the class. p. 101.
Khar'iu, A.P. - Controlled experiments in secondary school chemistry as a means of testing knowledge and skills. p. 115.
Llapin, S.E. - Agriculture in mathematics classes; examples of problems. p. 136.
IAkovleva, O.S. - Lessons on the topic "Vegetative reproduction of plants." p. 151.
TSal, E.IA. - Studying the topic "Crops and their care" from the point of view of applied science instruction. p. 167.
Matison, V.A. - Practical work by students on a plot near the school in the study of "vegetative reproduction." p. 177.
Gurevich, A.A. - Elements of applied science instruction in lessons on the topic "Poultry." p. 190.
Vinnichenko, P.F. - Practical student work in poultry raising outside the class. p. 199.
Mikhal'chenko, I.A. - The school incubator, incubation, and the cage training of chickens under school conditions. p. 207.
Kramarov, D.IA. - Student work with bees. p. 227.

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 24, no. 7, July 1956.

Table of contents translated:

Fulfilling the decisions of the 20th Congress. p. 1.
Likhachov, B.T. - Incentives for collective groups. p. 5.
Gorbach, M.S. - Individual approach to the development of attention in young pupils. p. 11.
Redozubov, S.P. - Most important elements in methods of teaching the alphabet. p. 16.
Bushkova, M.N. - Teaching elementary pupils in grades 1 and 2 how to solve problems. p. 24.
TSymbaliuk, A. - Testing pupil achievement while teaching three grades. p. 30.
Afanas'eva, R.S. - Work practice of a supervisor of an educational unit including grades 1-4. p. 33.
Minchenkov, E.IA. - Technology of the sixth five-year plan. p. 38.
Iniutin, P.F. - The teacher's tact. p. 43.
Zatsepina, A.A., Klimova, E.G. - Visual aids needed to accompany the reading of natural science articles in grades 2 and 3. p. 45.
Mitenev, V.S. - Teaching counting with the numbers 1 to 10. p. 46.
Taranukha, D.A. - How to prepare children for a better understanding of lesson material. p. 48.
Korzhev, I. - Adapting the school desk for manual work. p. 49.
Grushnikov, P.A. - What an orthographical dictionary should be for elementary school pupils. p. 51.
Vorob'ev, P.G. - "Explanatory reading of literary works in grade 4." A.V. IAnkovskaia-Baldina. p. 55.
Savvin, M.F. - Samples of writing for grade 2 in the elementary school. p. 57.
Abalaev, R.N. - "Lesson plans in arithmetic for grade 1." N.V. Arkhangel'skaia, M.S. Nekhimova. p. 60.
Glinskaia, L.P. - "Drawing lessons in the elementary school." G. Labunskaia, G. Nazarevskaia, E. Rozhkova. p. 60.
Sixth Congress of the Trade Union of Elementary and Secondary School Workers of the R.S.F.S.R. p. 61.
Work training of Pioneers and students during the summer vacation. p. 62.
Organize the summer vacation of children. p. 63.
The work of one-room elementary schools. p. 63.

Vol. 24, no. 8, Aug. 1956.

Table of contents translated:

One-room schools. p. 1.
Dodonova, Z.V. - A school's educational system. p. 6.
Kuz'mina, N.V. - A teacher's system. p. 17.
Liublinskaia, A.A. - Transition from the kindergarten to school. p. 23.
Godlovskaia, M.V. - Transition from the 4th to the 5th grade. p. 28.
Gubanov, I.IU. - Planned teaching. p. 31.
Rozanov, M.N. - How to make up a lesson schedule in a one-room school. p. 37.
Rotshtein, L. - The sixth five-year plan's construction projects. p. 43.
Kriuchkov, S.E., Rozental', D.E. - Standardization of modern Russian orthography and punctuation. p. 47.
Blonskaia, N.I., Raush, V.A. - "Book of readings in geography" for the 4th grade. p. 51.
Korzhov, I.D. - Visual aids in manual training. p. 54.
Andreiuk, M.A. - Aids in making up lesson plans for Russian language and arithmetic classes. p. 59.
Larionova, M. - "One does not offend friends." A.S. Shevchenko. p. 60.
All-Russian conference on public education. p. 62.

Vol. 24, no. 9, Sep. 1956.

Table of contents translated:

Improve the level of guidance in the school. p. 1.
Lurlia, A.P. - Studying retarded children in the school. p. 6.
Kostina, V.I. - From guidance practice. p. 12.
Rydanova, I.I. - A teacher's pedagogical diary. p. 17.
Zosimovskii, A.V. - Reading must be reading! p. 20.
Khodos, L.G. - The study of prefixes in the third grade. p. 25.
Zvereva, M.V. - Analysis of lessons in the third grade on the topic "The compass and its use in determining directions." p. 32.
Poliak, G.B. - Repeating the solutions of problems. p. 37.
Valer'ianova, E.A. - Nature calendar in the elementary school. p. 42.
Kolokol'nikov, A.N. - Objects made of paper and cardboard and methods of working with them in manual training classes. p. 45.
Ermolaeva, V.I. - Work with parents of first-grade pupils. p. 49.
Kazanskii, A.M. - How to conduct lessons on hygiene in the fourth grade. p. 52.
Poliak, G.B. - How to arrange model problems in exercise books for grades three and four. p. 58.
Polozova, T.D. - Verse of a favorite poetess. p. 60.

Svetlovskii, N. - "Notes of a schoolmistress." M.P. Daminova. p. 61.
Shifrin, A.N. - What to read on the physical training of pupils. p. 62.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 6, June 1956.

Table of contents translated:

Editorial: Persistently put the decisions of the 20th Party Congress into effect. p. 3.
Megrabian, L. - Curator of realistic traditions. p. 11.
Krishtafovich, V. - Conclusions drawn from progressive practice. p. 15.
Morenov, P. - Prospects for strengthening the school's educational program and increasing equipment. p. 23.
Moiseev, V. - Constant attention to the schools for working youth. p. 32.
Tarasov, I., Vilichinskii, I. - The transition from grade 4 to grade 5. p. 37.
Glebov, A. - Communist Youth camp. p. 41.
L'vov, Z. - Communist Youth and Pioneer camps on collective farms. p. 46.
Reminnik, E. - School and factory. p. 48.
Novikov, I. - Girls are educated here. p. 50.
Correspondence seminar of school directors: Levshin, A. - Teaching discipline. p. 52.
New school buildings in Czechoslovakia. p. 60.
The foreign press. p. 62.
Important articles in the periodical "Voprosy istorii." p. 64.
Konobeevskii, N. - A useful publication. p. 70.
Read it yourself and recommend it to teachers. p. 71.
Bookshelf. p. 72.
Good initiative and useful activities. p. 73.
In the Ministry of Education of the R.S.F.S.R.:
Shagova, A. - Conference of directors of pedagogical institutes' schools. p. 75.
N.K. - Practice of two-year pedagogical schools. p. 76.
B.T. - Motion pictures in pedagogical institutes. p. 78.
Memorable dates. p. 79.

No. 7, July 1956.

Table of contents translated:

Editorial: Train youth to be healthy, strong, and hard. p. 3.
TSygankov, G., Korzh, D. - National minority schools in Groznyy Province. p. 9.
Tokarev, A. - The secondary school must be the center of work on teaching methods. p. 15.
Semenova, K. - Pedagogical practice in rural schools. p. 24.
Sidorov, A. - Preserve the fixed capital. p. 30.
Prepare for the August conferences. p. 34.
Aleksandrovskii, V., Frolova, G., Bogdanov, I. - On a new course. p. 37.
Markov, N., Koval', N., Boginskii, I. - The educational transition from grade 4 to grade 5. p. 44.
TSeitlin, N. - Some aspects of work in school workshops. p. 48.
Petrov, P. - The machine-tractor station and the elementary school. p. 52.
Panasiuk, B. - The wall newspaper for parents. p. 53.
Volik, P. - Schools formed by the Decembrists in Yalutorovsk. p. 54.
Kremnev, P. - Renaissance of enlightenment and culture in India. p. 56.
A glance at the foreign press. p. 64.
Gubanov, I., Malivanov, A. - Guidance experience within schools. p. 66.
Bookshelf. p. 69.
Read it yourself and recommend it to teachers. p. 70.
All-Russian Conference of Public Educators. p. 71.
Mar'enko, I. - Conference on educational work in the school. p. 74.
Good initiative, useful activities. p. 77.
Memorable dates. p. 78.

No. 8, Aug. 1956.

Table of contents translated:

Editorial: Spread ideological propaganda more widely. p. 3.
Padezhnov, I. - Strengthening the base of material aid for education in the sixth five-year plan. p. 9.
Naumov, N. - Basic tasks for the new academic year. p. 13.
Kinkul'kin, A., Kostiukevich, E. - Further improvement of the ideological and theoretical element in the teaching of history. p. 30.
Arnautov, G. - Features of educational work in boarding schools. p. 36.
Kumanev, A. - Training teachers for the primary grades. p. 43.
Lankov, A., Saprko, E. Mastriuk, G. - The transition in teaching and learning between grades 4 and 5. p. 50.
Gurova, R., Petrova, V. - Socially useful work of students as a means of instilling the Communist attitude toward work. p. 53.
Malikova, Z. - Student organizations in U.S. secondary schools. p. 63.
Paging through the foreign press. p. 70.
Terekhin, M. - From the experience of Pskov Province teachers. p. 71.
N.K. - "Work in technology outside the class. p. 73.
Read it yourself and recommend it to a teacher. p. 74.
In the Ministry of Education of the R.S.F.S.R. p. 75.
Pedagogical life of the capital. p. 76.
In the Executive Committee of the Leningrad Province Soviet of Workers' Deputies. p. 77.
Good initiative, useful deeds. p. 78.
Memorable dates. p. 79.

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 35, no. 5, May 1956. [In Ukrainian.]

Table of contents translated:

Nechyporuk, Z.S. - Improve trade-union work among teachers. p. 3.
Boiko, M.F. - Strengthen organizational work by departments of public education. p. 11.
Libov, L.I. - Work training of students. p. 21.
Demydenko, V.K., Sokolovs'kyi, S.M. - Organize time spent in industrial training better. p. 27.
Liatker, IE.Kh. - Industrial training in a general school. p. 30.
Zlochevs'kyi, I.H. - Some aspects of the work of a school for working youth. p. 32.
Pallivets', I.L. - Developing student initiative. p. 37.
Palamarchuk, A.S., Palamarchuk, H.L. - Agricultural and biological field work for students. p. 41.
Smal', V.Z. - Development of education in the people's Poland. p. 45.
Bondar, A.D. - "School administration." p. 50.
Topol', IE.V. - "Observations on party work in schools." A. TSil'shtein. p. 52.
Margulis, M.P. - Publications of province institutes of advanced training for teachers. p. 54.
New books. p. 57.
Andrlieva's'kyi, S.O. - Concerning a recommendation. p. 59.
Kotyrlo, V.K. - Conference of the Institute of Psychology. p. 60.
General technical education in the schools of the Ukraine (according to newspaper reports). p. 62.
The 75th birthday of Professor O.K. Babenko. p. 63.
Henrik Ibsen. p. 64.
Privalova, L.D. - V.I. Vodovozov. p. 3 of cover.

Vol. 35, no. 7, July 1956. [In Ukrainian.]

Table of contents translated:

Kadyrov, I.K. - For the further development of applied science instruction in general education schools. p. 3.
Chekh, S.M. - F.E. Dzerzhinskii on the education of children and youth. p. 9.
Chamata, P.R. - Special problems in the development of self-knowledge in children. p. 11.
Tkachenko, I.G. - Applied science instruction in physics for grades 9 and 10 at lessons and in extracurricular work. p. 20.
Kobylyns'kyi, F.V. - New methods for the division of an angle and circle. p. 27.
Danilluk, P.F. - Working with devices for the solution of geometrical problems on structure. p. 28.
Shapoval, M.M. - Friendship between school and home. p. 31.
Luts'kyi, V.P. - Educational propaganda at the lecture halls. p. 37.
Karas', I.K. - "Newspaper for parents" at a factory. p. 41.
Chorniuk, S.IA. - Initiative of a parents' committee. p. 45.
Iskra-Perevalova, L.O. - University for parents. p. 48.
Maniaiev, F.IA. - "Handbook of instruction and training in schools." E.I. Perovskii. p. 50.
Myrhorods'kyi, B.IU. - "Methods and practice of demonstrational experiments in electricity at secondary schools." M.M. Bondarovs'kyi. p. 51.
Mazurmovych, B.M. - "Outline history of natural science teaching in Russia." I.K. Shul'ha. p. 52.
New books. p. 54.
Horbatiuk, V.T. - Our remarks about the secondary school program in mathematics and drawing. p. 56.
Makohon, O.H. - Improve the secondary school program in chemistry. p. 56.
Vynnychenko, I.A. - Republic "Pedagogical lectures" on problems of the moral education of Communist Youth League members and Pioneers. p. 57.
"Pedagogical lectures" in provincial centers. p. 60.
With the graduation certificate - into the life of work (newspaper information). p. 62.
George Bernard Shaw. p. 64.

Vol. 35, no. 8, Aug. 1956. [In Ukrainian.]

Table of contents translated:

Dudnyk, P.T. - For a creative solution to problems of practical science instruction. p. 3.
Ukhova'ka, P.L. - Raise the ideological and theoretical level of teaching history in class 10. p. 12.
Kozakova, O.I. - Connection between teaching physics and job training. p. 22.
Titkov, P.V. - Methodological work at school. p. 26.
A great writer and revolutionary. p. 36.
Chavdarov, S.Kh. - Problem of childhood in I.IA. Franko's works. p. 40.
Hryshchenko, M.M. - Ivan Franko in school textbooks. p. 50.
Hodyna, M.K. - Psychological problems in I.IA. Franko's works. p. 55.
Pogrebniak, P.S., Symonenko, V.D. - "Geography of the Ukrainian S.S.R." Ol.T. Dmitrova.

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Published by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 11, no. 6, June 1956.

Table of contents translated:

In defense of children's happiness. p. 1.
Gur'ev, Andrei. - No. p. 4.
Lysov, Anatolii. - Yesterday and tomorrow. p. 4.
Markova, T. - Letter from Tokyo. p. 6.
TSvetkov, V. - Joy of knowing the world. p. 7.
Likhacheva, N. - His father. p. 9.
Prozorov, G. - A hundred thousand "whys." p. 12.
Aid to children in the study of nature. p. 13.
Medynskii, E. - The position, gestures, and mimicry of children. p. 15.
Ivanov, V. - The sexual hygiene of adolescents and children. p. 18.
Mel'nikova, E. - Father's little thought. p. 20.
Stepanova, N. - "Dad" girl. p. 22.
Minaev, V. - Early "talent." p. 23.
Kolin, N. - "Clean hands." p. 24.
Trainina, L. - Bolinskii on the reading of children. p. 26.
Fedorova, A. - Childhood and youth of M.I. Kalinin. p. 27.
Zabludovskaia, E. - Water treatment. p. 29.
Shistovskii, K. - Artificial satellite of the earth. p. 30.
Readers' letters. p. 32.
Shokin, A. - Paddle tennis. p. 33.
Lopatin, P. - Medicinal plants. p. 34.
Cooking for children. p. 36.
Brief news. p. 36.

Vol. 11, no. 7, July 1956.

Table of contents translated:

Sport and character. p. 1.
Rubinshtein, S.IA. - Conscious acts and habits. p. 4.
From Robert Burns. p. 6.
Syrkina, V. - Parent's diary. p. 7.
Puzis, G. - How to act in society. p. 9.
Kotikov, A. - Young farmers. p. 12.
Simson, T. - Childhood fear. p. 14.
Goloskov, V. - In the boarding school. p. 16.
Igritskaia, L. - Sixth continent. p. 17.
Potemkina, V., Khersonskii, Kh. - On the river. p. 19.
Can one joke with children? p. 22.
Summer vacations. p. 23.
IUr'ev, G. - Stream forth, oh, song! p. 24.
Savchenko, V. - When a father is forced to keep quiet... p. 26.
Bruskin, IUrii. - Overattentive. p. 27.
Nefedov, G. - Don't restrict yourself to former experience. p. 28.
Useful beginnings and suggestions. p. 29.
Reader's letters. p. 29.
IAnkelevich, E. - Formation of children's posture. p. 32.
Zykov, I. - Concerning those not involved in the court's verdict. p. 34.
Manual for beginning anglers. p. 36.
Moves of a chess knight. p. 36.

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 20, no. 7, July 1956.

Table of contents translated:

Kairov, I.A. - Basic questions in the organization and subject matter of educational work in boarding schools. p. 3.
IAnkovskaia-Baldina, A.V. - Educational transition from the kindergarten to the first grade. p. 17.
Nikiforov, S.V. - Effecting a harmony of pedagogical theory and practice. p. 27.
Aldonina, V.V. - Educational significance of the sponsoring of younger by older students. p. 33.
Akslutina, G.G. - The class newspaper as the guiding spirit of the children's group. p. 49.
Popov, I.V. - The consolidation of new subject matter in the various stages of the learning process. p. 57.
Korol', B.G. - Manual work in the elementary school. p. 67.
Frumov, S.A. - N.I. Pirogov's "Questions of life" and its social and pedagogical significance. p. 76.
IUrov, D.G. - Preparation for teaching in the practice teaching program of pedagogical institutes. p. 93.
Piskunov, A.I. - Influence of comic books on the morals of American youth. p. 103.
Novikov, M.S. - A book with great defects. p. 112.
Perovskii, E.I. - "Principles and rules of instruction in the Soviet school." S.I. Akkerman. p. 116.
Useful beginning. p. 118.
A bad teacher's manual. p. 120.
Forms of collaboration between teachers in higher and secondary education. p. 122.
Lectures for parents in the Ukraine. p. 123.
"Educational lectures" in Kirghizistan. p. 124.

Defense of dissertations in the Scientific Research Institute of Pedagogical Sciences of the Georgian S.S.R. during 1955. p.126.

Fifth Pedagogical Congress of the Teachers of the German Democratic Republic. p.128.

SOVETSKII SHKOL'NIK [THE SOVIET SCHOOLBOY]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and Ministerstvo prosveshchenila R.S.F.S.R. [Central Committee of the All-Union Communist Youth League of Lenin, and of the Ministry of Education of the R.S.F.S.R.]. (In Braille). Moscow, vol. 20, nos. 9-10, Sep.-Oct. 1956.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, no. 6, June 1956.

Table of contents translated:

Murin, P.A. - Let us put into effect the decisions of the 20th Congress of the Communist Party of the Soviet Union. p.3.
New technical schools in the Urals and Siberia. p.8.
Labunskii, V.F. - Practical laboratory work in the mechanization and electrification of agriculture. p.10.
Gertsman, M.M., TSymbal, S.D. - Practical training of agricultural mechanics. p.14.
Levitskii, V.S. - Research in the field of engineering drawing. p.17.
Krivko, A.A. - Educational significance of using local teaching material. p.22.
Puchkova, N.A. - The work and needs of an educational consultation center. p.26.
Charyshev, B.A., IAnkevich, P.I. - Some aspects of work in the evening division. p.31.
Isakov, S.M. - How we are preparing for the sports tournament. p.39.
Petrov, S.B. - Our first all-Union summer sports tournament. p.41.
Makarov, A.I. - What we achieved in a year. p.42.
Svidetelev, V.S. - Where people love sports. p.45.
Vasin, V.A. - It is time to settle some pressing problems. p.48.
Panarina, A.A., Anishchenko, V.I. - Cooperation between a technical school and a factory. p.51.
System of promoting ten-year students twice a year; survey of letters. p.53.
Popov, V.N. - Development of secondary specialized education in the Korean People's Democratic Republic. p.55.
Malakhov, I.K., Maksimov, A.G. - A new book on economics; organization, and planning of machine-building plants. p.56.
Brief news. p.63.

No. 7, July 1956.

Table of contents translated:

Urgent questions of evening school education. p.3.
At new construction projects in the East. p.7.
The secondary specialized institutions of learning of Soviet Karelia in the sixth five-year plan. p.11.
Dvoretskii, V.R. - Planning the teacher's school program. p.14.
Moroz, L.I. - The subject matter and method of conducting laboratory work. p.19.
Shanin, A.I. - Improve the quality of technician training in every way. p.24.
Gulbinskas, A.N., Krasnoshchekov, A.N. - Geodetic practice for students. p.27.
Cheplevskii, V.I. - What our experience teaches. p.32.
Chernilov, L.O. - For coordinated teacher activity. p.36.
Konlukhova, E.T. - Fight for discipline at every step. p.40.
Dontsova, K.G. - Work practice of a Zhdanov evening technical school. p.43.
Kuznetsov, A.I. - Testing students' knowledge in an evening division. p.46.
Sushkov, G.M. - A very old agricultural school of White Russia. p.48.
Loiferman, A.G., Roitburd, L.S. - Organizing the duty periods of medical school students. p.49.
Zimon, I.L. - Are six building-trade technical schools needed in one city? p.50.
Lajfr, Rudolf. - In the technical schools of Czechoslovakia. p.52.
Bogdanov, I.F. - Technical schools are waiting for a good textbook on metallurgy. p.55.
Konikov, A.S. - The teaching manual "Agricultural industrial buildings and installations." P.P. Arkhipov, N.V. Krylov. p.56.
Kadisin, V.S. - The textbook "Operation of traction machines." A.M. Kirilukhin and others. p.58.
Klebanov, B.V., Kuz'min, V.G. - The textbook "Automobile repair." V.V. Efremov. p.59.
Kostriukov, V.A. - Textbooks should correspond to the programs. p.61.
Taran, P.G. - Visual aids on oilcloth. p.62.
Brief news. p.63.

No. 8, Aug. 1956.

Table of contents translated:

Overcome backwardness in work on methods. p.3.
Putilin, V.G. - Working out methods. p.7.
Svavolia, V.A. - The independent work of students has to be guided. p.11.
Plotnikov, M.I. - Students review compositions. p.15.
Dobrogaev, N.M. - For the concurrent preparation of homework assignments. p.18.
Kuprin, A.I. - Inculcating a love of work in students. p.20.
Antonov, A.F. - Work in physics outside of class. p.23.
Losin, G.A. - Use of slides during the lesson. p.25.
Astaf'ev, G.K. - Improve the curricula and teaching programs. p.31.
Mikhitarov, G.M. - New method of determining the deformation of beams resulting from bending. p.39.
Zaichik, M.IU. - Some aspects of organizing the study program correspondence technical school. p.46.
Zgut, M.A. - Drawing curves on posters without the aid of patterns. p.50.
Savuta, A.S. - Study and publicize progressive experience in agricultural production. p.51.
Shorshtein, I.I. - How we organize work in mechanical drawing. p.52.
Lavrovskaia, N.L. - Unjustified change in the distribution of hours. p.53.
Liubimtsev, M.N. - Are transfer and course examinations in pedagogical schools necessary? p.54.
Fadin, V.K. - Secondary specialized education in Sweden. p.56.
Kotliarov, S.I. - The textbook "The opening and systems of working coal deposits," I.P. Rybakov. p.62.
In the Ministry of Higher Education of the U.S.S.R. p.64.

UCHEBNO-VOSPITATEL'NAIA RABOTA V DETSKIKH DOMAKH [TRAINING AND EDUCATIONAL WORK IN CHILDREN'S HOMES]. Issued by TSentral'nyi nauchno-metodicheskii kabinet detskikh domov [Central Office of Scientific Methods for Children's Homes]. Moscow, no. 39, 1956.

Table of contents translated:

Levitov, N.D. - Inculcating self-control in younger schoolchildern and adolescents. p.3.
Zhemchuzhina, P.S. - Our council of guardians. p.22.
Voronina, M.N. - How we inculcate self-discipline in children. p.30.
Kholmovskaia, N.V. - The teacher and the Pioneer detachment. p.49.
Lysenko, M.V. - Work as a means of education. p.57.
Mol'nikov, I.S., A.S. Shastov. - Construction work on the farm of the children's home. p.61.
Shul'ts, L.S. - Bench for wood - and metalwork. p.78.
Bochkareva, V., Guseva, N.. - Popular science is an aid in the atheistic education of children (grades 7 to 9). p.88.
Labunskaia, G.V. - Pictorial art in the children's home. p.102.
Perchikova, T.E. - How to take care of the child's hearing. p.110.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER LEARNING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 14, no. 7, July 1956.

Table of contents translated:

New aspects of the teaching program in social sciences. p.1.
Nemtsov, V.F. - Improve substantially the organization of higher agricultural education. p.6.
Tikhomirov, M.N. - Young scholars and research. p.13.
Aleksandrov, A.D. - A most important means to develop creative scholarship. p.18.
Tishkov, I.A. - Improve the study of the history of the Communist Party of the Soviet Union in correspondence schools. p.26.
Viduev, N.G., and others. - A sure knowledge of geodesy is necessary for construction engineers. p.31.
A good practical training for future teachers; survey of articles. p.35.
Experience and suggestions:
Isaenko, M.P., IUshko, S.A. - The course "Methods in field and laboratory research on the material composition of minerals." p.41.
Shumanenko, K.N. - Field practice in topography. p.42.
Frank-Kamenetskii, V.A., Rumsh, M.A. - The KRON X-ray camera. p.44.
In the Ministry of Higher Education: Teaching social sciences in colleges and universities. p.46.
Ma Ying-ch'u. - Peiping University on the upgrade. p.47.
Sokol'skii, D.V. - Higher education in the Democratic Republic of Vietnam. p.49.
Lambrev, Zh. - Relation of the Institute with its graduates. p.51.
Turusov, V.I., Bobrakov, IU.I. - A higher quality of printed lectures in the social sciences. p.52.
Siunov, N.S., Rezin, M.G. - Guarantee textbook literature for courses in electric-machinery construction. p.58.
Shabalin, K.N. - Brief textbook in a specialized subject. p.60.

Bluket, N.A. - Book on the largest center of agricultural studies. p.61.
Brief news. p.63.

Vol. 14, no. 8, Aug. 1956.

Table of contents translated:

Nazarov, N.I. - Incorporate the achievements of science and technology into the teaching program. p.1.
Lutchenko, A.I. - The education of students is the joint responsibility of the entire organization of higher institutions of learning. p.5.
Karzanov, V.P. - The backwardness of the institute can and must be overcome. p.10.
Novik, I.B. - Aspects of modern natural science in teaching dialectical materialism. p.16.
Higher institutions of learning and agriculture:
Petrov, S.G., Kalinin, M.S. - The direction of research in the sixth five-year plan. p.22.
Bolkhovitinov, N.Z. - Incorporating the advances of science into stockbreeding practice. p.28.
Sukach, I.F. - Patronage of a cotton planting collective farm. p.30.
Pal'chevskii, V.I., Gozhenko, S.P. - Propagation of agricultural science. p.32.
Zherebilov, V.M., Kotechenkov, A.N. - Students study economics at first hand in production. p.33.
Zelenova, L.A. - A biology department's research on a collective farm. p.35.
Novikova, K.F., Kasimov, A.S. - A production economic conference at an institute. p.37.
Create favorable working conditions for libraries:
Misharev, I.V. - Organizational and methodological assistance are needed. p.39.
Karimullin, A.G., and others. - Use various methods to promote books and bibliographic information. p.44.
Pratusevich, G.M. - In the struggle for technological progress; through the rooms of the pavilion "Higher institutions of learning in the U.S.S.R." at the All-Union Industrial Exhibition. p.51.
Joint academic conferences of institutions of higher learning. p.56.
Experience and suggestions:
Polonskii, M.M. - Organization of a university film library. p.59.
Gorb, T.F. - Dispense with the pedantic in chemistry laboratory work. p.61.
Rozman, G.A. - Practical work in physics in a pedagogical institute. p.62.
New publications by institutions of higher learning. p.63.
Brief news. p.64.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 32, no. 7, July 1956.

Table of contents translated:

Barabas, Liudmila. - A letter; verse. p.1.
Nagornyi, D. - Camp near Kharkov. p.2.
Ter-Tovmasian, A. - Toward the Sea of Okhotsk. p.6.
Shmakov, S. - About a dragon, robbers, and Pioneer romanticism. p.9.
Akim, IA. - Vozhat, Vozhatykh in the camp. p.12.
Koloskov, V., Velikanov, V. - Automobiles drive to Dzhaylioo. p.13.
Korinets, IUrii. - Your trace; verse. p.15.
Selivanov, K. - Lenin was fond of nature. p.16.
Safonova, T. - Dozens of interesting activities. p.19.
Kurov, IU. - Keeping pace with life. p.20.
Lobedev, V. - With young geographers. p.21.
Vysotskii, V. - What worries me... p.22.
Tarasova, G. - Homeless section. p.23.
Lipchin, S. - A garden should flourish. p.24.
Sovast'ianov, I. - Children from Lev Tolstoi street. p.25.
Anufrieva, T. - Studying the marine biology of an aquarium. p.26.
Nikiforov, A. - Yachts set out to sea. p.28.
IAmov, I. - Breed pigeons. p.30.
Okuneva, V., Svetinskaia, V. - Folk dances of various nations. p.32.
Nekrasova, L. - March song. Music by R. Gabichvadze. p.38.
Fryxell, A., Dahlgren, A. - Wonderful Varmland; a song. Swedish folk melody. p.39.
Schumann, Robert. - Little owl, The merry peasant. p.41.
Zbarskii, I. - Sports stamps. p.43.
Grepachevskii, A. - Northern paradoxes. p.44.
In the yard of house no. 79. p.46.
Just set your hands to it. p.48.
Khodakovskii, M. - U.S.S.R. - India. p.49.
Khmelik, A. - Battle near the Silent River; a game. p.50.
Kaurov, A. - Struggle for the cup. p.54.
Umanov, I. - "Great ne!" prize. p.55.

Vol. 32, no. 8, Aug. 1956.

Table of contents translated:

Mitina, L. - Plans should become deeds. p.2.

Golyshkina, Z. - Communist Youth League members from a factory are coming to us. p. 5.
We are answering Tamara Barinova; a letter to the editor. p. 7.
Sometimes it happens this way. p. 10.
Sarafannikova, G. - Detachments are necessary. p. 13.
Follow-up of our articles. p. 14.
Pioneer leaders ask us. p. 15.
These books will help you in your work. p. 17.
What Pioneers like to see in their leaders. p. 18.
What I don't like to see in the leader. p. 20.
Kaldonovskii, M., Popov, A. - Lvov school factory. p. 21.
Dmitriev, IU. - Pioneers take care of animals. p. 24.
Voskresenskaia, G., Pobol, V. - The play has just begun. p. 26.
Aksiutina, G., Aksiutina, E. - "Class newspaper." p. 29.
Katrunov, P. - Sports calendar for a Pioneer group. p. 31.
Andreeva, R. - A pioneer leader who is an athlete. p. 32.
Serba, S. - The school stadium. p. 34.
Shachkov, V. - Patrons from Kyrchany. p. 35.
Kotov, V. - Do not let that happen in your group; verse. p. 37.
IAkovlev, IU. - The fence; verse. p. 38.
Bakaldin, V. - "Roosters"; verse. p. 39.
Kharitonov, Vl. - Our youth; a song. Music by S.Tulikov. p. 40.
Zharov, A. - Pioneers on the march; a song. Music by K.Listov. p. 42.
The cuckoo; a Rumanian song. Music by Ionescu. p. 44.
Gerasimenko, IUrii. - The watchman; verse. p. 45.
Loginova, M. - Preparing for the festival. p. 46.
Zav'ialova, Natasha. - Why the moon appeared in the sky, Why the hare is white and the wolves are black in winter; fairy tales. p. 48.
Sokolov, D.IA., Tkachenko, P.E. - Little hydroelectric power station. p. 50.

VSEMIRNYE STUDENCHESKIE NOVOSTI [WORLD STUDENT NEWS]. Issued by Mezhdunarodnyi soiuz studentov [International Student Association]. Moscow, vol. 10, no. 6/7, June-July 1956.

Table of contents translated:

Reader's page. p. 1.
Calo, Vincentio. - Who's the murderer? Who's the victim? Speak! p. 3.
Young, Ted. - Barrier. p. 4.
One hundred and twenty-two wounded, two hundred and fifty arrested. p. 5.
We are answering your questions. p. 6.
Concerning the congress. p. 6.
Tomas, Ade. - Report from Asia. p. 7.
Choudhury, S. - Report from Africa. p. 8.
I. T., S. D. - Report from Europe. p. 9.
Marriage and medicine. p. 10.
K. V. - Student chess world championship in Upsala. p. 12.
The Czechs beat the French. p. 13.
Meana, Carlo. - Vietnamese meetings ( to be continued). p. 13.
Akira, Enami. - Ancient Japanese art. p. 16.
Moussly, Nazim. - Education in Syria. p. 20.
Mustari, Ibnu. - Although visas were refused the seminar took place. p. 21.
Courtney, Richard. - English student theater. p. 24.
Ramirez, Ronaldo. - Architects do not know anything about music. p. 26.
I. B. - The great temptation. p. 29.
Wollast, R. - Peyresq, the student village. p. 31.
P. V. - Student newspaper. p. 32.
From everywhere. p. 32.
Salute to Bandung. p. 33.
Forum after the Olympic Games. p. 34.
P. R. - Periodical of Christian students. p. 34.
Meana, Carlo. - What's new? p. 35.

b) PHYSICAL EDUCATION & GAMES

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U. S. S. R. ]. Moscow, vol. 26, no. 7, 1956.

Table of contents translated:

Grandiose review. p. 1.
Together forever. p. 2.
Galitskii, A. Frolov, V. - They will be seen in Moscow. p. 3.
This will be carried out in the new five year plan. p. 4.
TSivos, I. - Modeller from Dobruysk. p. 6.
Kozhukhov, N. - One among many others. p. 7.
Zhigmiddorzh. - In Mongolia. p. 8.
Aduevskii, V. - Sports tournaments in China. p. 8.
Omurzakov, D. - From Sulyukta to Frunze. p. 9.
Sports in parks of culture and rest. p. 9.
General rehearsal. - p. 10.
Kuleshov, A. - In Istambul. p. 12.
Dairedzhiev, Vs. - Three attempts. p. 14.
Isakov, Sh. - Difficult fellow. p. 16.
Olympic games participants at home. p. 18.
Kollegorskii, V. - Our problems. p. 21.
Ippolitov, I. - On highways and tracks. p. 22.
Volkov, V. - Before the start. p. 23.
Andreev, V. - Tourists visit the Altai Mountains. p. 24.
Zarzycki, E. - In the centre of Warsaw. p. 26.
Russian Olympic games. p. 28.
Motley facts. p. 30.
Gyula Hegyi. - Hungarian athletes prepare for the Olympic games in Melbourne. p. 31.
Sinitsyn, V. - Sport in Egypt. p. 32.
Molchanov, S. - Water slalom. p. 34.
Chesnokov, B. - "Punjab lion." p. 36.
Petrov, S. - From the history of the Olympic games. p. 37.
Mikhailov, M. - First-class star; a story. p. 38.

Vol. 26, no. 8, 1956.

Table of contents translated:

March of the Spartak tournament of the peoples of the U.S.S.R. p. 2 of cover.
Greetings from sports veterans. p. 1.
Petrusenko, P. - Friendly matches are useful; English boxers in Moscow. p. 3.
Festival of the millions. p. 4.
Aksel'rod, S. - Two stages. p. 6.
Ragozin, A. - A master trains masters. p. 9.
Akopov, G. - Pass to Luzhniki. p. 9.
Verzhbitskii, S. - A boxer's carrier. p. 10.
Krut'kovskii, V. - Matches on the mat. p. 11.
The first all-Union [Spartakiada]; in the days when Soviet sports were young. p. 12.
Zelenskii, N. - It is better to train together. p. 14.
Ebel', E. - Summer games have begun. p. 16.
Olympic champions. p. 18.
International meets. p. 19.
Kolchin, P., Popov, N. - On roller skis; new developments in the summer training of skiers. p. 20.
Shneider, L. - Sports for young people. p. 21.
Mel'nikov, E. - Sports in Pakistan. p. 23.
Kaltmazova, E. - On the threshold of Melbourne; U.S. athletes prepare for the Olympic games. p. 24.
The record holder of the world. p. 25.
Popov, N., Koltanovskii, A. - Advice for athletes. p. 26.
Statute for sport writers. p. 27.
B. Ch. - A. A. Blok; 1880-1921. p. 27.
Chesnokov, B. - Seventy-six champions. p. 28.
Kudriavtsev, E. - Are you ready for hunting? p. 30.
German, V. - On an August day. p. 31.
How to load cartridges oneself. p. 31.
Petrov, S. - From the history of the Olympic games. p. 32.
Variegated facts. p. 33.
Venikov, V. - History of rowing contests. p. 34.
Polak, S. - History of a record. p. 35.
Vladimirov, V. - On the grass with a bandy. p. 36.
World federation of lawn hockey. p. 37.
Vikain, V. - Sylvia; a story. p. 38.
New books. p. 40.

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U. S. S. R. ]. Moscow, no. 5(12), May 1956.

Table of contents translated:

Editorial: More attention to collective group sections. p. 1.
Gromadskii, E. - The public instructor is the decisive force in the group. p. 3.
Arkhangel'skii, A. - On the eve of the sports tournament in Georgia. p. 5.
Krasnov, D. - Change the system for planning meets. p. 6.
Kuznetsov, S. - Boris Tokarev's training. p. 8.
Torim, Kh. - Charles Vallman throws the javelin. p. 11.
Denisenko, P. - The reason for our failures. p. 11.
Frolkov, A. - Refereeing walking races. p. 13.
Korobkov, A. - Physiological principles of early specialization. p. 15.
Fokin, F. - Summer at the camp. p. 16.
Bogusiavskii, M. - Pioneer pentathlon. p. 17.
Shaevskii, I. - Training school children to throw the hammer. p. 18.
Šlažas, I. - We develop mastery; remarks by a public-trainer. p. 20.
Shafran, A. - In the "Metallurg" sports society. p. 22.
Semenov, D. - Our faculty. p. 24.
Twentieth anniversary of a sports school. p. 25.
Tonnov, V. - The trainer and his pupil. p. 26.
Brief remarks. p. 29.
Golikman, P. - For beginning jumpers. p. 29.
L'vov, B. - Track athletics season in indoor stadiums of Europe and U. S. A. p. 30.
On the eve of the Olympic games. p. 32.
Novelties in sporting goods. p. 4 of cover.

SHAKHMATY V SSSR [CHESS IN THE U. S. S. R. ]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U. S. S. R. ]. Moscow, vol. 33, no. 6, June 1956.

Table of contents translated:

Competition for the world championship. p. 161.
Polak, E., Fridland, I. - Victory of the Latvian team. p. 162.
Sokol'skii, A. - International tournament in Dresden. p. 164.
Games and endings:
V. Smyslov - O. Panno. p. 166.
T. Petrosian - D. Bronstein. p. 167.
V. Ul'man - IU. Auerbach. p. 167.
N. Padevskii - R. Kholmov. p. 168.
I. Lipnitskii - M. Tal'. p. 168.
I. Lyskov - V. Liebersohn. p. 170.
V. Byvshev - V. Shcherbakov. p. 170.
Ravinskii, G. - Results of the Leningrad semifinal. p. 171.
Vainshtein, B. - Swiss method of conducing competitions. p. 174.
Smilga, V. - Is an automatic chess player machine possible? p. 176.
Uzun, E. - Courses for teachers and trainers. p. 178.
Bogatin, A., Melikhov, N. - Chess in Rostov. p. 179.
Krumin', O., Tal', M. - Championship of the Latvian S.S.R. p. 180.
Geller, G. - Improve the quality of reference materials. p. 182.
Tournaments by correspondence. p. 184.
Mirotin, D. - Championship of Moscow. p. 185.
All-Union competitions. p. 186.
Salolla, A. - Letter from Finland. p. 187.
Samarian, S. - The youngest participant. p. 188.
Competition of etudes for the first half of 1955. p. 189.
Readers about the chess problems and exercises. p. 190.
Popular competition in solving problems. p. 191.
Competition for beginners, 1955. p. 192.

Vol. 33, no. 7, July 1956.

Table of contents translated:

Abramov, L. - Tournament in Amsterdam. p. 193.
Kotov, A. - Soviet students are champions of the world. p. 196.
Zak, V. - In the Leningrad Palace of Pioneers. p. 198.
Games and endings:
Geller, E. - Smyslov, V. p. 201.
Keres, P. - Bronshtein, D. p. 202.
Petrosian, T. - Geller, E. p. 203.
Filip, M. - Petrosian, T. p. 204.
Marich, R. - Antoshin, V. p. 205.
Tal', M. - Ivkov, B. p. 206.
Vasiukov, E. - Lakhti, A. p. 206.
Ragosin, V. - Lebedev, B. p. 207.
Akopian, A., Simagin, V. - With the chess players of Armenia. p. 208.
Gurfinkel', IU. - Chess in Kirghizia. p. 210.
Vistaneckis, I. - Championship of the Lithuanian S.S.R. p. 211.
Zaslavskii, M. - Committee and groups. p. 211.
Ishutinov, A., Liublinskii, V. - Lessons obtained from a tournament. p. 213.
Correspondence tournaments. p. 215.
Romanovskii, P. - The first world champion. p. 216.
Rokhlin, IA. - Interesting collection. p. 218.
Kuperman, I. - Victory of the Kiev checkers players. p. 219.
Results of the problem contest. p. 220.
Soviet chess players in Iceland. p. 221.
Brief news. p. 221.
Svetozar Gligorić, the champion of Yugoslavia. p. 222.
Kasparian, G. - Two rooks against rook and bishop. p. 222.
Contest for authors who have not received any awards (1956). p. 223.
Solution of problems and studies. p. 224.

Vol. 33, no. 8, Aug. 1956.

Table of contents translated:

For mass participation and mastery. p. 225.
Kotov, A. - Ten days in Norway. p. 226.
Kan, I. - Soviet chess players in Finland. p. 227.
Mikenas, V. - Match between P. Keres and V. Unzicker. p. 228.
Petrosian, T. - Openings in the Amsterdam tournament. p. 229.
Games and endings:
V. Smyslov - M. Filip. p. 233.
M. Filip - L. Sabo. p. 233.
F. Olafson - M. Taimanov. p. 234.
IA. Shevts - G. Pil'nik. p. 235.
V. Gol'ts - IU. Averbakh. p. 236.
L. Pakhman - N. Padevskii. p. 236.
I. Vel'tmander - G. Borisenko. p. 237.
A. Khavin - G. Ravinskii. p. 238.
V. Bubnov - A. Faingar. p. 238.
Eventov, IA. - Five hundred tournaments. p. 239.
Rozenblat, V. - Hygiene of the chess player. p. 240.
Podvoinaia, S., Obervol'tkhut. - Championship of the capital. p. 242.
Buslaev, A. - Anniversary championship. p. 243.
Aronin, L., Mollidan, S. - Twelfth championship of Azerbaijan. p. 244.
Brief news. p. 246.
Romanovskii, P. - Harry Nelson Pillsbury. p. 247.
Giliarov, V. - Championship of Moscow. p. 249.
Nedel'kovich, O., Kazhich, B. - Chess in Yugoslavia. p. 251.
Problems and studies. p. 254.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sports, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 19, no. 7, 1956.

Table of contents translated:

Editorial: The Spartakiada is a Soviet youth festival. p. 481.
Popov, N.K. - The Soviet gymnasts are the world's best. p. 488.
Maksimov, A.A. - Achievements of Soviet marksmen. p. 495.
Chesnokov, B.M. - On the tenth anniversary of the appearance of Soviet wrestlers in the international arena. p. 502.
Shatov, N.I. - U.S.S.R. weight lifters in the struggle for world championship and new sports records. p. 507.
Shcherbakov, S.S. - International boxing match U.S.S.R. - France; analysis of the fights. p. 511.
Gorshkova, T.M. - From the work practice of a swimming instructor in the Nikolo-Uriupipino Pioneer camp near Moscow. p. 516.
IAkovlev, N.N. - Some results and prospects of Soviet biochemistry of sports in setting up principles and methods of sports training. p. 520.
Volkov, A.A. - "Physical education and sports" pavilion in the All-Union Agricultural Exhibition. p. 532.
Podskotskii, B.E. - Instruction program and training methods for young weight lifters. p. 540.
Khomulo, V.G. - Children's hiking standards. p. 546.
Summary of E.M. Kozhukhar's article on the "Activity of amylase in athletes before the start of sports events." p. 547.
Sinitsyn, V.V. - Sports movement in Poland. p. 548.
Petukhov, I.N. - Congress on physical education and sports in Naples. p. 551.
Abel'skaia, R.S., Gavrilenko, V.A. - All-Union conference on the psychology of sports. p. 554.
Plenum of the Scientific and Methodological Council on the results of scientific research work of physical education institutes in 1955. p. 558.

## 9. MUSIC, THEATER & MOTION PICTURES

### a) MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz sovetskikh pisatelei SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Soviet Writers of the U.S.S.R.]. Moscow, no. 5, May 1956.

Table of contents translated:

Razumnyi, V. - Superficiality is the enemy of art. p. 3.
Frolov, V. - A Shakespearean tragedy on the screen. p. 15.
Frolov, I. - The role of music in the dramaturgy of motion pictures. p. 25.
Ershov, E. - Practice in reducing the time it takes to produce a motion picture. p. 34.
Tolchan, IA. - For new camera technique. p. 40.
Lakshin, V. - An unknown letter by Al. Blok on motion pictures. p. 46.
Mdivani, G. - Our courtyard. p. 48.
Khlodovskii, R. - The problem of "neorealism." p. 86.
L'vov-Anokhin, B. - Notes on French motion pictures. p. 94.
Poliakov, V. - Soviet motion pictures abroad. p. 103.
"Creation of the world." p. 109.
Czechoslovak polular science motion pictures. p. 110.
The future of Polish cinematography. p. 112.
From everywhere. p. 110.

No. 6, June 1956.

Table of contents translated:

Gromov, N. - Living signs of our day. p. 3.
Fradkin, L. - A play on the screen. p. 14.
Sinel'nikov, A. - Personal archives of outstanding people in motion pictures. p. 24.
Ancharov, M., Vonsever, S. - Ballad about a happy love. p. 30.
Vartanov, An. - Specific nature of motion pictures. p. 76.
Movie-goers write on the specific nature of cinema art; a review of letters. p. 89.
Ion, Stefan. - Rumanian cinematography. p. 96.
Begomazov, M. - Visiting Bulgarian friends. p. 100.
Braginskii, A. - Marcel Carné. p. 108.
Season of Soviet films in England. p. 113.
Motion picture about a hero of the Chinese People's Republic. p. 114.
From everywhere. p. 114.
Master of the documentary motion picture. p. 116.
"Poem of the sea." p. 117.
Conference of young script writers and critics. p. 118.
In the House of Motion Pictures. p. 118.
Creative conference at the Kiev Motion Picture Studio. p. 120.
In the motion-picture section of the Home of Scholars of the Academy of Sciences of the U.S.S.R. p. 121.
In a few lines. p. 120.
Calendar of motion-picture history. p. 122.
New motion pictures. p. 124.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:

Solve the problems of repertory planning with imagination. p. 1.
Borodulin, L. - Instructor in progressive work methods. p. 4.
Bolik, V., Liulin, D. - Twenty five years behind an assembly table. p. 5.
Chukhnin, V. - There should not be a fixed pattern in the work of a motion-picture circuit. p. 6.
Filanovskii, IU., Khanashevich, N. - A million young spectators a day! p. 7.
Bykov, S. - Film center. p. 9.
Shenkman, A., Shpektor, S. - Preserve the film! p. 11.
Kalashnikov, N., Saltykov, V. - Eliminate defects in the system of showing films to lumbermen. p. 15.
Lisianskii, IA. - Development of new power plants. p. 17.
Mikhailov, I. - Work practice of N. IUrin, motion-picture operator, with the "Kiev-2" power plant. p. 23.
Irskii, G. - Screen equipment and the location of seats in a wide-screen theater. p. 35.
Bruskin, D. - Equipping a wide-screen theater in Astrakhan'. p. 30.
Dmitriev, I. - Pay attention to the moistening of films on a triacetate base. p. 32.
Formulas for moistening fluids. p. 33.
Improving the PP-16-1 reel. p. 34.
Innovators' suggestions. p. 35.
Choice of focal length and determination of the brilliancy of a diffusion screen. p. 38.
Sherman, F. - Protective lacquer coat for film copies. p. 39.
Advantages of using a reductor in the KES-6 power plant and the transmission ratio of the reductor. p. 40.
FN-09 motion-picture projector. p. 41.
Amplifier unit for general-purpose use. p. 43.
A new Polish loud-speaker. p. 44.
"First joys." p. 45.
"300 years ago..." p. 46.
"Murder on Dante Street." p. 46.
"On the stage." p. 47.
"Yachts at sea." p. 47.
Agricultural films recommended for rural showing. p. 24a.

### b) MUSIC

LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 3, 1956.

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz sovetskikh kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Soviet Composers and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 20, no. 7, July 1956.

Table of contents translated:

Oistrakh, D. - Realization of a great conception. p. 3.
Tarakanov, M. - N. IA. Miaskovskii's sixth symphony. p. 11.
Tigranov, G. - G. Egiazarian's ballet "Sovan." p. 17.
Bazhov, N. - A song of friendship. p. 23.
Konenkov, S. - Sounds of the times. p. 20.
Donisov, E. - More about the training of youth. p. 28.
Keller, I. - The theater and the composer. p. 33.
Minkh, N. - Light music and its performance. p. 36.
Shaballin, V. - An answer to A. Medvedev. p. 41.
Unjustified rebuke; a letter to the editor. p. 42.
Reply to Kh. Kurbatov. p. 43.
Discussion on "Sovetskaia muzyka." p. 46.
Konen, V. - The theater and Mozart's instrumental music. p. 55.
Druskin, M. - Schumann's creative method. p. 66.
Pekelis, M. - "Aesopian speech" in Musorgskii's works. p. 75.
Shumskaia, N. - "Laurensita." p. 81.
Shcheglov, M. - Radio play on Mozart. p. 85.
Nechaeva, N. - "The abduction from the seraglio" in Saratov. p. 90.
Tikhomirov, R. - Hungarian artists in Novosibirsk. p. 92.
Manzhora, B. - "Mark Beregovik." p. 94.
Diary of concert life. p. 98.
Isaac Stern. p. 100.
Concert by the Academic Russian Chorus. p. 101.
Songs by P. Akulenko. p. 102.
A concert by C. Guastavino. p. 102.
Maria Luisa Anido. p. 103.
Artur Eizen. p. 104.
Performances by Uruguayan musicians: Virginia Castro, Nibia Marigny. p. 105.
A friend of the Soviet song. p. 107.
Glorious anniversary. p. 108.
Chronicle of concert life: Moscow, Leningrad, Tallinn, Riga, Kiev, Kharkov, Lvov, Groznyy, Semipalatinsk. p. 108.
Brodianskaia, N. - Music in the club. p. 114.
Stefanskii, G. - Against monotony and potboilers. p. 117.
Orfenov, A. - Siberia and the Far East. p. 119.
Dzerzhinskii, I. - In the Komi republic. p. 122.
Nisnevich, I. - Ensemble from Molodechno. p. 123.
Nest'ev, I. - Striking contrasts; a review. p. 125.
Stillman, M. - Soviet music in the U.S. p. 131.
Tumashev, L. - New life, new songs. p. 134.
Tumarkina, E. - Week of New Hungarian Music. p. 135.
Poliakova, L. - Reflections on the oratorio and the cantata. p. 136.
Shneerson, G. - A new work on Meiner. p. 139.
Sholpin, IU. - Max Butting's reminiscences. p. 143.
Shteinpress, B. - Brief music dictionary. p. 146.
Remarks on an edition of Chaikovskii's "Variations on a rococo theme." p. 150.
Notes on scores. p. 152.
Brief news. p. 156.

Vol. 20, no. 8, Aug. 1956.

Table of contents translated:

Poliakova, L. - Image and destiny of a poet. p. 3.
Ugriumov, N. - A. Kas'ianov's operas. p. 12.
Danilov, D. - Notes on Azerbaijan; symphonic music. p. 18.
Khristiansen, L. - Unsolved problems of folk-music studies. p. 24.
Kremlev, IU. - Musical criticism. p. 33.
Discussion on the magazine "Sovetskaia muzyka" (conclusion). p. 41.
Rebling, E. - Schumann and the present. p. 60.
Konen, V. - Schumann's dramatic vocal music. p. 68.
Kulakovskii, L. - Three trips to Dorozhevo. p. 73.
Sabinina, M. - The Armenian opera theater in Moscow. p. 83.
Khokhlovkina, A. - "The marriage of Figaro" in the Bol'shoi Theater. p. 93.
Aumere, H. - "Vikerlased"; Estonian opera in Tartu. p. 100.
Medvedev, A. - Goar Gasparian. p. 106.
Galanter, E. - Notes of a concert-house director. p. 111.
Evenings of Armenian music. p. 114.
Samson François. p. 121.
Concerts of Yugoslav music. p. 123.
Chronicle of concert life. p. 124.
Rostropovich, M. - America, spring, 1956. p. 129.
Martynov, I. - "Prague spring." p. 138.
Rubin, M. - Does atonal music have a future. p. 142.
IAmpol'skii, I. - G. Enesco. p. 147.
Kravchuk, P. - Amateur art activities of Canadian Ukrainians. p. 148.
Parker, R. - Music of Bali. p. 150.
Senior, E. - Letter from London. p. 153.
In memory of Bartok. p. 153.
Hermann Abendroth. p. 154.
Rossini, G. - How to compose an overture. p. 155.
Brief news. p. 157.

### c) THEATER

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Issued by "Molodaia gvardiia" ["Young guard"]. Moscow, no. 4(76), 1956.

Table of contents translated:

Poetry and prose for the stage:
Dolmatovskii, E. - Youth gathers for a journey. p. 5.
Ovanesian, R. - Who is dear to me. p. 6.
Tvardovskii, A. - In the remote distance; excerpt. p. 7.
Voron'ko, P. - Song of youth, Song of the reapers. p. 9.
Popov, V. - In search of secrets. p. 10.
Smirnov, S. - Anxiety. p. 14.
Astaf'eva, N. - "My friends..." p. 15.
Borian, G. - Ballad on friendship. p. 16.
Lidin, Vl. - Snowfall. p. 19.
Adamian, N. - Her son. p. 21.
Narovchatov, S. - At the station. p. 23.
Gamzatov, R. - Along the mountain roads, Love, In the Pitsunda forest, "My wife says to me...," "Why is it, my dear..." p. 24.
Rylenkov, N. - Two poems. p. 29.
Chugunov, A. - At the first glance. p. 29.
Bandurenko, E. - The chairman boasted of the harvest. p. 34.
Vishnia, O. - A severe illness. p. 35.
Ivanovich, V. - The golden fish. p. 37.
Vasil'ev, S. - Verse on friendship. p. 39.
Kaputikian, S. - Cradle song. p. 40.
Sütő, Andras. - Hominy with cheese made from sheep's milk. p. 41.
Moravia, A. - Pranks of the hot weather, Don't explain! p. 45.

Rodari, Gianni. - Fortunetelling, People with different colors of skin. p. 52.
Music:
Pokrass, Dm., Iordanskii, M. - Lead us, party! p. 55.
Ostrovskii, A. - Hail, Moscow festival! p. 58.
Novikov, A. - Be the first. p. 62.
Molchanov, K. - Communist Youth League light. p. 66.
Olonicheva, A. - Altai refrains. p. 68.
Slyzskii, O. - Collective farm polka. p. 72.
Blanter, M. - Rendezvous. p. 81.
Amur waves; waltz arranged for chorus. p. 85.
My priceless crystal; Swedish folk song. p. 90.
Plays:
Paustovskii, K. - Steel ringlet. p. 95.
Makhnach, A. - Pampushka. p. 120.
Mikhalkov, S. - Grateful colleagues. p. 125.
Poliakov, V. - Four in one compartment. p. 126.
Dances:
Gutsulka. p. 135.
Moscow festival. p. 143.
Marching figure. p. 145.
Open-air games. p. 148.
Kaverin, F. - Music in a dramatic performance. p. 151.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz sovetskikh pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 17, no. 6, June 1956.
Table of contents translated:
Malykh, E. - Time doesn't wait; a drama in four acts. p. 3.
Popov, Aleksei. - The essential nature of our art. p. 47.
Ryndin, V. - Music for the eye. p. 59.
Macbeth at the Malyi Theater:
Sel'vinskii, Il'ia. - A poet's notes. p. 66.
Shtein, A.L. - Living portrayals. p. 74.
Zingerman, B. - Foma Gordeev and others. p. 83.
Kochetov, A. - Instructive history; concerning the Gor'kii Bol'shoi Dramatic Theater. p. 94.
Blok, V. - Apprehension for the future. p. 106.
Tokareva, M. - Meetings in Smolensk. p. 113.
Brushtein, Aleksandra. - Unforgettable actress ("Ekaterina Pavlovna Korchagina-Aleksandrovskaia"). p. 120.
Moscow and Leningrad premieres: "Mrs. Warren's profession," "Mrs. Dulska's morals," "The strange man," "Kiss of a fairy," "A fairy tale about fairy tales," "How do you like it." p. 125.
At old performances: "Enemies," "Egor Bulychov and others," Playing the role of Lidiia Somova. p. 135.
Performances and comments: "Egor Bulychov and others," "Living corpse," "Optimistic tragedy," "Chonia," "Synziana and Pepelia," "Sevan," "Fortress on the Bug," Pygmalion," "The golden cockerel," "Peer Gynt." p. 139.
Anastas'ev, A. - The friendship of art. p. 144.
A review of theater magazines. p. 151.
Theaters of the world. p. 154.
Theater news:
In the U.S.S.R. Ministry of Culture. p. 166.
In the capital's theater schools. p. 167.
All-Union conference of theater artists. p. 168.
The history of a photograph. p. 171.
Gifts from friends. p. 171.
Your new play? p. 172.
Defense of dissertations. p. 174.
F. Zbarskii's illustrations of western drama. p. 175.
A.N. Ostrovskii's plays today. p. 178.
Only figures. p. 179.
In a few lines. p. 179.
Creative workdays of the Central Children's Theater. p. 180.
New theater make-up factory. p. 181.
Debuts on the capital stage. p. 181.
Anniversary evening dedicated to N.P. Rusinova. p. 182.
Central Home of Art Workers. p. 182.
Young critics meet in the editor's office. p. 183.
Amateurs in the theater. p. 183.
From the history of the theater in Grodno. p. 184.
Long life. p. 184.
The 50th performance of Schiller's tragedy. p. 185.
Mokul'skii, S. - Pierre Corneille. p. 186.
Batyshkov, [illegible]

of an anniversary article. p. 127.
Novitskii, Pavel. - A book about Lenskii. p. 133.
Moscow and Leningrad premieres: "The taming of the shrew," "Accidental meetings," "The insulted and the injured," New aspects of the circus. p. 137.
Local news: Simferopol', Vorkuta, Velikiye Luki. p. 144.
At old performances: Two of N. Simonov's roles, Youth of the hundredth performance, Man in a romantic drama. p. 148.
Remarks from a notebook: Experience awaiting its understanding, Discoveries and discoverers, Everything in reverse, Justifiably forgotten, Aesthetic shock, About stars. p. 151.
Acting successes: B. Alekseev as Perchikhin, A. Kramarenko as Protasov, N. Provatorov as Musa Dzhalil'. p. 155.
The theater abroad. p. 159.
Theaters of the world. p. 162.
Theater news:
Guest performances of the Malyi. p. 169.
Training of the younger generation in the theater. p. 170.
In the Art Theater. p. 171.
From rehearsal halls. p. 172.
"Second step." p. 174.
Young artists of the Ermolova Theater. p. 175.
At audience conferences. p. 176.
The I.IA. Gremislavskii archive. p. 178.
On the job 45 years. p. 178.
"White nights." p. 179.
A camera's view of the country's theaters: Petrozavodsk. p. 180.
Humane art. p. 182.
Planning three years ahead. p. 185.
New exhibits in the Tatar State Museum. p. 185.
Artists aid. p. 186.
Theater calendar:
Al'tshuller, A. - Aleksandr Evstaf'evich Martynov. p. 187.
Loshchinskaia, G. - Josef Kajetan Tyl. p. 189.
Commemorative dates. p. 191.

## 10. FINE ARTS

### a) GENERAL

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR and Orgkomitet Soiuza sovetskikh khudozhnikov SSSR [Ministry of Culture of the U.S.S.R. and of the Organizational Committee of the Association of Soviet Artists of the U.S.S.R.]. Moscow, vol. 19, no. 3, 1956.
Table of contents translated:
Precongress forum:
Shurpin, F. - Urgent problems in our creative life. p. 3.
Zimenko, V. - The nature of painting. p. 5.
Temerin, S. - The development of applied and decorative art. p. 9.
Nikiforov, B. - Concerning genre painting. p. 17.
Ginovskii, A. - On the eve of the congress. p. 21.
Kasilian, V. - Problems in engraving. p. 25.
Lovitin, A. - Remarks of a young artist. p. 27.
Sokolova, N. - Sergei Gerasimov's works. p. 29.
Gerisenborg, V. - An exhibition of A.I. Kravchenko's works. p. 35.
Slnik, K. - Lofty traditions; notes on the exhibition of French art. p. 39.
Saltykov, A. - German applied art. p. 65.
Byrlin, I. - Visiting Bulgarian artists. p. 69.
Lazarev, V. - A new foreign work on the history of Russian art. p. 80.
Knorre, N. - Monographs on Soviet artists. p. 74.
Through the Soviet Union. p. 79.
Abroad. p. 3 of cover.

IZ TVORCHESKOGO OPYTA [CREATIVE EXPERIENCE]. Issued by Izdatel'stvo [Publishing House] "Sovetskii khudozhnik." Moscow, no. 1, 1955.
Table of contents translated:
Zhukov, N. - Work on the drawings for the book by B. Polevoi "Tale about a real man." p. 5.
Neprintsev, IU. - How I worked on the picture "Rest after the battle." p. 53.
Resheinikov, F. - My work on the picture "D again"[illegible]
[illegible], 87.
[illegible]w jubject. p. 90.
[illegible]earch of composition. p. 92.
[illegible]uit. p. 98.
[illegible]mother. p. 103.
younger brother. p. 106.
sister. p. 109.
dog. p. 110.

### b) ARCHITECTURE

[illegible]EKTURA I STROITEL'STVO LENINGRADA
[illegible]CHITECTURE AND CONSTRUCTION IN LENINGRAD]. Published by Leningradskoe otdelenie Soiuza [illegible]skikh arkhitektorov [Leningrad Branch of the [illegible]ociation of Soviet Architects]. Leningrad, no. 2 (11), 1956.
[illegible]able of contents translated:
[illegible]further development of standard planning and mass production methods in construction work. p. 2.
Bartuchev, A.K., Vasil'ev, A.V. - Standard plans for large-panel 5-story apartment houses. p. 4.
Levinson, E.A., Gol'dgor, D.S. - City blocks made up of experimental large-panel apartment houses. p. 7.
Fromzel', V.M. - Standard plans for apartment houses made of large brick blocks. p. 10.
Naumov, A.I. - The planning of residential districts and blocks in Leningrad. p. 13.
Ass, L.E. - Standard school building made of brick blocks. p. 17.
Karro, V.M. - Some ways of decreasing the cost of housing construction. p. 18.
Mamontov, I.I., Kiselev, M.V. - Production of reinforced concrete products by the "Barrikada" factory. p. 21.
Aleksandrov, V.M., Platonov, G.D. - Production and use of large silicate building blocks. p. 25.
Kochedamov, V.I. - New bridges in Leningrad. p. 31.
Kozlov, N.F. - Laminated plastics. p. 39.
Gol'vork, I.V., IAkker, N.I. - Kitchen equipment for apartments in standard plan buildings. p. 40.
Kulikov, B.N. - Architecture and construction in China. p. 42.
Golovach, A.G. - Lianas in landscape work in Leningrad. p. 45.
Voloiskoi, N.V. - Illuminating commercial premises. p. 46.
Reconstruction of the "Neva" café. p. 46.
Landscaping Leningrad and its suburbs. p. 47.

ARKHITEKTURA I STROITEL'STVO MOSKVY [ARCHITECTURE AND CONSTRUCTION IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 5, no. 6, June 1956.
Table of contents translated:
Decisively raise the quality of construction work! p. 1.
Residential block no. 9 in Novyye Cheremushki. p. 3.
Onishchik, L. - Quality of masonry work and its effect on the supporting power of structures. p. 13.
Ivanov, A. - Current construction; plans for new motion-picture theaters. p. 21.
Abramov, V., Ginzburg, A. - Window unit with reinforced concrete window frame. p. 25.
Spyshnov, P. - Plumbing and kitchen equipment for houses in the U.S.A. p. 28.

Vol. 5, no. 7, July 1956.
Table of contents translated:
Building 2-and 3-story apartment houses is an important matter for the government. p. 1.
Poliakov, N. - Park thoroughfare. p. 3.
Gokhman, L. - Method of forming precast concrete elements and its effect on the strength and durability of structures. p. 7.
Raovskii, L. - Smokestacks added to buildings. p. 11.
Zalesskaia, L. - Shortcomings in landscaping the capital. p. 12.
Conference on problems of beautifying and landscaping the residential sections of Moscow. p. 17.
Cherepanov, V. - Transportation and city planning. p. 19.
Restoration and reconstruction of the building of the Skliifosovskii Institute. p. 23.
Spyshnov, P. - Plumbing and heating equipment for apartment houses in the U.S.A. p. 26.
Il'in, M. - New edition of "A history of Russian architecture." p. 32.

Vol. 5, no. 8, 1956.
Table of contents translated:
For higher cultural standards and better organization of construction. p. 1.
Residential block no. 12 in Novyye Cheremushki. p. 3.
Boarding schools. p. 8.
The Central Stadium is ready. p. 15.
Andreev, V. - Designs of stairs and roofs awarded with first and second prizes. p. 19.
Dikerman, N. - Building in the capital using high quality brick. p. 25.
Rozenfel'd, Z. - Summer resort of "Zdravnitsa." p. 28.
Brief news:
Moscow exhibition on new construction technology. p. 31.
In the Academy of Architecture and Construction of the U.S.S.R. p. 32.
New books on construction and architecture. p. 3 of cover.

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Akademiia arkhitektury SSSR, Soiuz sovetskikh arkhitektorov SSSR, and Upravlenie po delam arkhitektury pri Sovete Ministrov RSFSR [Academy of Architecture of the U.S.S.R., of the U.S.S.R. Association of Soviet Architects, and of the Administration of Architecture, Attached to the Council of Ministers of the R.S.F.S.R.]. Moscow, no. 6, 1956.
Table of contents translated:
The development of architectural and building science depends on an overall research program. p. 1.
Dubek, L. - New series 1-460 and 1-402 (GIPROGOR) standard plans for 4-and 5-story apartment houses. p. 3.

Kostandi, M. - Special features of designing small-size apartments. p. 10.
Ustinov, G. - On the width of the cross section of 4-and 5-story apartment houses. p. 14.
Alizade, G. - Some problems of mass producing apartment houses in southern regions. p. 16.
Aksel'rod, A. - Problems of standardizing and mass producing rural housing construction. p. 17.
Raikhenberg, S. - More attention to problems of organization and economy in construction work. p. 24.
Smyshliaev, V. - How to utilize school buildings for polytechnical education. p. 26.
Kivi, A., Davol', K., Svirin, G. - Type and design of stair railings. p. 27.
Šešelgis, K. - National architecture of Lithuania. p. 28.
Voronin, N. - Protect the architectural heritage. p. 30.
Lagutenko, V., Lifanov, I. - Notes on construction and landscaping in Paris. p. 34.
Svetlichnyi, B. - Building and landscaping in Vienna. p. 38.
Karlashova, K. - Reinforced concrete in large-span roof construction. p. 43.
Dmitriev, A. - Outstanding construction engineer; 75th birthday of P. P. Rotert. p. 48.
Bibliography.

ARKHITEKTURNOE NASLEDSTVO [ARCHITECTURAL HERITAGE]. Published by Institut istorii i teorii arkhitektury Akademii arkhitektury SSSR [Institute of History and Theory of Architecture of the Academy of Architecture of the U.S.S.R.]. Moscow, vol. 6, 1956.

Table of contents translated:

Voronin, N.N. - The Bel'chitskii ruins. p. 3.
Baidin, V. - The Cathedral of the Trinity at the Troitsko-Sergievskaya Monastery. p. 21.
Rabinovich, G. - The architectural ensemble of the Pskov-Pechory Monastery. p. 57.
Katsnel'son, R. - The ensemble of Simonov Monastery in Moscow. p. 87.
Voronov, N., Sakharova, I. - New materials on the architectural ensemble of the Iosifova-Volokolamsk Monastery. p. 107.
Chinyakov, A. - The Church of the "Sgonnyi" Resurrection in Ryazan. p. 132.
Soshina, N. - The Krutitskii tower in Moscow. p. 136.
Potrov, A.N. - The palaces of Fieldmarshal B.P. Sheremetev and F.M. Apraksin in Moscow. p. 138.
Untilov, I. - An unknown monument of Russian architecture from the beginning of the 18th century. p. 147.
Komarov, B. - Plan of the city of Tver before the 18th century replanning. p. 150.

VOPROSY TEORII ARKHITEKTURNOI KOMPOZITSII [PROBLEMS OF THE THEORY OF ARCHITECTURAL COMPOSITION]. Issued by Institut istorii i teorii arkhitektury Akademii arkhitektury SSSR [Institute of the History and Theory of Architecture of the Academy of Architecture of the U.S.S.R.]. Moscow, no. 1, 1955.

Table of contents translated:

Foreword. p. 3.
Kazarinova, V.I. - On the problem of architectonics. p. 5.
Kirillova, L.I. - Some problems of proportionality in architecture. p. 59.
Gulianitskii, N.F. - An investigation of some orders of architectural composition used by V.I. Bazhenov and M.F. Kazakov. p. 77.
Bykov, V.E. - Classical principles of composition in theater architecture. p. 110.
Koval'chuk, N.A. - Popular ornamentation of dwellings by peasants of the Volga Valley. p. 132.

## 11. LANGUAGE, LITERATURE & FOLKLORE

### a) LANGUAGE

AKADEMIIA NAVUK BSSR, Minsk. Instytut movaznaustva. Pratsy. [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Linguistics. Transactions]. Minsk, no. 1, 1954. [In White Russian.]

Table of contents translated:

From the editor. p. 3.
Bulakhau, M.H. - Some problems in the standardization and development of the White Russian literary language. p. 5.
Zhydovich, M.A. - History of the White Russian written and spoken language; orthographic and phonetic characteristics of the Suprasl chronicle. p. 25.
Birula, A.IA. - History of the adjective in the White Russian language. p. 41.
Matskevich, IU.F. - Some verbal forms in the materials of the dialectal atlas of the White Russian language. p. 60.
Biryla, N.V. - Experiment in surveying the phonetic system in a dialect. p. 91.
Tsellantelik, D.S. - Diphtong "ie" in the dialects of Pinsk Province. p. 116.
Kastsian, N.I. - Some special forms in the dialects of Kirov District, Bobruysk Province. p. 121.

No. 2, 1954. [In White Russian.]

Table of contents translated:

Foreword. p. 3.
Sudnik, M.P. - The most important problems of Soviet White Russian linguistics. p. 5.
Birula, A.IA. - Origin and development of the White Russian language. p. 25.
Bulakhau, M.H. - Basic lexical fund and vocabulary of the Old White Russian language. p. 51.
Zhydovich, M.A. - Regularity in the declination of substantives in the White Russian language. p. 103.
Matskevich, IU.F. - The most important problems of White Russian dialectology. p. 125.
Valtovich, N.T. - Dialectal basis of the White Russian literary language. p. 155.
Bazylenka, A.M. - Role of the basic vocabulary in the creation and development of fixed phraseological expressions in the White Russian language. p. 182.

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Published by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 4, July-Aug. 1956.

Table of contents translated:

Urgent tasks of the school. p. 3.
Sedun, E.P. - Concept of introductory constructions in the syntax of modern English. p. 11.
Krasheninnikova, E.A. - Modal particles in the German language. p. 17.
Kudriavtseva, O.E., Zlatogorskaia, R.L., Strodt, L.M. - How to begin work with the new German language textbook for class 6. p. 25.
Parchevskii, K.P., Rotzenbitt, E.B. - The new French language textbook for class 6. p. 30.
TSvetkova, Z.M. - The oral-aural approach. p. 45.
Bragina, E.L. - Work of free word combination; based on materials of the German language. p. 58.
Andriovskaia, A.A., Laponogova, T.F., Loshchinskaia, V.M. - Against the intuitive method of the "direct approach." p. 69.
Chaplina, E.K. - Development of oral skills in classes 5-7; survey of articles. p. 72.
Elukhina, N.V. - Oral exercises in class 9. p. 80.
TSyrlina, Z.L. - Development of oral language skills in advanced German classes. p. 86.
Liupersol'skaia, N.K. - Oral language in advanced classes. p. 91.
Gauder, An. - Visual training in the use of constructions in English with the meaning "isn't it"?. p. 100.
Berosnev, S.D. - Teaching foreign languages in minority schools. p. 102.
Tonnova, N.I., Fishman, E.V. - "Uchenye zapiski [no. 41]" of Moscow Pedagogical Institute. p. 104.
Consultation. p. 114.
Glatman, E.I. - Twenty-fifth anniversary of the founding of the First Moscow State Institute of Foreign Languages. p. 123.
Georgiovskaia, T. - German language evening dedicated to the 100th anniversary of Heinrich Heine's death. p. 126.
Zisman, M.S. - Organizing a contest for the best literary translation. p. 126.
Piterskikh, A.I. - Readers' conference. p. 127.

LENINGRAD. PERVYI LENINGRADSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT INOSTRANNYKH IAZYKOV. Uchenye zapiski [FIRST LENINGRAD STATE PEDAGOGICAL INSTITUTE OF FOREIGN LANGUAGES. Scientific Records]. No. 3, 1956.
Trudy po angliiskoi filologii [Papers on English Philology].

Table of contents translated:

From the editor. p. 3.
Mukhin, A.M. - The meaning and use of the subjunctive mood in indirect speech in Old English. p. 5.
Belinova, T.M. - Development of English copulative verbs meaning "to become." p. 27.
Balashova, S.P. - Semantic change in the possessive case of English nouns. p. 39.
Prokof'eva, E.V. - Morphological development of English adverbs. p. 55.
Vinokurova, L.P. - The meaning and use of progressive forms in 17th century English. p. 61.
Men'kova, V.V. - Some features of the adverbial phase of manner within the sentence. p. 75.
Kovner, R.L. - Problem of the parenthetical element in a sentence based on English language material. p. 86.
Petrovskaia, K.IA. - The place of detached adverbial phrases expressed by a prepositional phrase based on modern English language materials. p. 102.
Pipnat, L.O. - The English combination "to be over." p. 116.
Bukhtiarova, N.S. - The English imagined direct speech unit in context. p. 126.
Pobedimova, K.A. - Ways to translate Russian single-unit sentences with indefinite and generalized subjects into English. p. 140.
Meisel'man, K.A. - The demarcation of incomplete, single-unit sentences in modern English. p. 155.
Sakharova, S.N. - English complex sentences without coordinating conjunctions. p. 168.

RUSSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 17, no. 3, May-June 1956.

Table of contents translated:

Improve Russian language teaching in schools. p. 1.
Galkina-Fedoruk, E.M. - A.M. Gor'kii, great word artist. p. 6.
Fedosov, I.A. - Meaning and function of the social and political vocabulary, and phraseology in "Mother," the novel by A.M. Gor'kii. p. 17.
Potapov, S.M. - Some syntactic features of the dialogue in "Mother," the novel by A.M. Gor'kii. p. 25.
Volkov, G.G. - Language of A.M. Gor'kii in "Spring melodies" and "Song of the petrel." p. 29.
Shumilov, N.F. - The demarcation between polysemia and homonymy. p. 32.
Gol'gardt, R.R. - Lexical assimilation in connection with false ("popular") etymologies. p. 36.
Litvinov, V.V. - School study of the language in "Mother," the novel by A.M. Gor'kii. p. 42.
Ivanov, V.V. - Secondary school graduates' training in the Russian language. p. 51.
Kuznetsov, A.I. - Elements of logic in the analysis of student compositions. p. 56.
Vrubel', S.A. - Study of dialect mistakes in the language of school children. p. 60.
Kireev, A.A. - Study of homonyms in school. p. 64.
Mukhina, V.V. - Original composition based on I.E. Repin's painting "The boat haulers." p. 66.
Gorbushina, L.A. - Practical assignments in a two-year pedagogical school course on the methods of teaching Russian. p. 68.
D.G., K.S. - From the experience of language teachers. p. 77.
Bogdanov, F.G. - Extra curricular work on expressive reading in pedagogical schools. p. 85.
Kumakhov, M. - Teaching the phonetics of Russian in Kabardian-speaking schools. p. 89.
Valitov, G.T. - Distinguishing the Russian sounds "i" and "e" in Tatar-speaking schools. p. 92.
Lapatukhin, M.S. - Academician IA.K. Grot's views on methods [of teaching Russian]. p. 94.
Shil'nikova, M. - "Vocabulary work in literature reading classes." P.I. Kolosov. p. 100.
Ivchenko, M.P. - "Modern Russian literary language." A.M. Finkel' and N.M. Bazhenov. p. 102.
Lomtev, T.P. - "Uchenye zapiski" of the Department of Russian of the Moscow Pedagogical Institute. p. 106.
New literature for Russian language teachers. p. 109.
Fedotova, N.A. - Seventieth birthday of N.M. Bazhenov. p. 120.
Answers to readers' questions. p. 121.

Vol. 17, no. 4, July-Aug. 1956.

Table of contents translated:

Tasks in teaching the Russian language during the coming academic year. p. 1.
Bulakhovskii, L.A. - The stress of borrowed words in Russian. p. 8.
Gopner, IU.R. - Some problems of word formation in the modern Russian literary language. p. 16.
Anikin, A.I. - The principal grammatical and semantic properties of introductory words and word combinations. p. 22.
Dobromyslov, V.A. - Developing scientific theory of teaching Russian. p. 28.
Kriuchkov, S., Rozental', D. - Standardization of contemporary Russian orthography and punctuation. p. 36.
Ivanov, P.P. - Review at the beginning of the year in grade 5. p. 49.
Shanskii, N.M. - Etymological analysis of words. p. 55.
Ushakov, M.V. - Work on words whose orthography is not ascertainable by rules. p. 65.
Zaretskii, A. - Study of the topic "participles." p. 73.
Dudnikov, A.V. - Study of co-ordinating compound sentences. p. 81.
Bolov, P.L. - Individual assignments in orthography for students in classes 5-7. p. 87.
Kosykh, E.F. - Some aspects of making phonetic analyses in pedagogical schools. p. 91.
Figurovskii, I.A. - How we intensify the professional training of students. p. 94.
From the editor. p. 97.
Perovskaia, M.M. - The great, powerful Russian language. p. 97.
Rashevskaia, A.F. - Love, honor, and know the great Russian language. p. 100.
Abdullaev, Kh. A. - Vocabulary borrowings from Russian in the Uzbek and Tajik languages. p. 105.
Maksimov, L.IU. - "Difficult aspects of grammar and orthography." V.A. Dobromyslov, D.E. Rozental'. p. 110.
Algazina, N. - "Exercises to strengthen the grasp of grammar." L.P. Fedorenko. p. 114.
Rozhkova, G.I. - Work in the Russian language with non-Russians (foreigners) in the humanity departments of Moscow University. p. 117.
Answers to readers. p. 120.

VOPROSY IAZYKOZNANIIA [PROBLEMS OF LINGUISTICS]. Issued by Kafedra russkogo iazyka i obshchego iazykoznaniia L'vovskogo gosudarstvennogo universiteta [Department of the Russian Language and General Linguistics of Lvov State University]. Lvov, vol. 1, 1955.

Table of contents translated:

Krotevich, E.V. - Simple sentences with and without modifiers. p. 3.
Shatukh, M.G. - Structural and semantic categories of appositions in modern Russian. p. 20.
Galenko, I.G. - Observations on the reduplication of

roots, stems, and words. p. 42.
Itskovich, V.A. - Relations between complete sentences in texts. p. 56.
Korobchinskaia, L.A. - Functions of word order in Old Russian. p. 73.
Petrovskii, V.I. - Stylistic traits of the author and characters in A. Nedogonov's poem "Flag above a village soviet." p. 86.
Kalamova, N.A. - Transition of adverbs into prepositions. p. 106.

## b) LITERATURE & FOLKLORE

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie literatury i iazyka [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Literature and Languages]. Moscow, vol. 15, no. 3, May-June 1956.

Table of contents translated:

Likhachev, D.S. - From the historical to the fictitious name of the literary hero. p. 201.
Meletinskii, E.M. - Basic problems in the philosophy and works of Ibsen. p. 215.
Brodskaia, S.IA. - M. Gor'kii in Spain. p. 230.
Gusev, V.E. - Study of the history of Russian folklore. p. 239.
Alekseev, M.P. - New letter by Pushkin. p. 260.
Adams, V.T. - "Estonian tale" by V.K. Kiukhel'beker. p. 255.
Balabanovich, E.Z. - The periodical "Poryv." p. 260.
Adrianova-Peretc, V.P. - "The folk poetess I.A. Fedosova." K.V. Chistov. p. 265.
Popov, P.N. - For a bibliography to "The tale of Igor's expedition." p. 268.
Bogaevskaia, K.P. - "V.G. Belinskii; university study and work with 'Teleskop' and 'Mova,' 1829-1836." V.S. Nechaeva. p. 271.
Resolution dated January 31, 1956 of the general assembly of the Department of Literature and Language of the Academy of Sciences of the U.S.S.R. p. 276.
Twentieth anniversary of the Yakutsk Institute of Language, Literature, and History. p. 277.
The year's results in literatue. p. 279.
Coordination of the scholarly activity of the branches and institutes of the Academy of Sciences of the U.S.S.R. p. 286.
The work of Polish linguists. p. 289.
Study of Old Russian literature by a group in the A.M. Gor'kii Institute of World Literature of the Academy of Sciences of the U.S.S.R. p. 293.

DAL'NII VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soiuza sovetskikh pisatelei SSSR [Khabarovsk Branch of the Association of Soviet Writers of the U.S.S.R.]. Khabarovsk, vol. 24, no. 2, Mar.-Apr. 1956.

Table of contents translated:

To the party of the land:
Navolochkin, Nikolai. - The Party raised us. p. 3.
Smoliakov, Stepan. - A soldier of the Party; verse. p. 4.
Taurin, Frants. - Angara; novel (conclusion). p. 6.
Poetry of our friends:
Yen I. - First explosion. p. 100.
Lien Shang-chuan. - Night in a mountain gorge. Luting Bridge. p. 101.
Chernogolovina, Galina. - Gardens of spring; a story. p. 103.
Dubrivin, Boris. - Fliers, "One wanted to fraternize with the eagle"; verse. p. 115.
Khodzher, Grigorii. - The artist; a story. p. 116.
Navolochkin, Nikolai. - End of the fairy tale; verse. p. 125.
Prishvin, Andrei. - Sun above the snows; a sketch. p. 127.
Koposov, Vladimir. - In search of the new. p. 138.
Grachev, Aleksandr. - Along the Amur. p. 146.
Shestakova, IUlia. - To new heights. p. 158.
Stepanov, A. - The subject of writing and its depth. p. 162.
Aleksandrovskii, V. - Closer to life. p. 164.
Unpublished materials of P.A. Pavlenko. p. 166.
Maksimov, N. - First trials. p. 171.
Rivosh, E. - First Russian book on China. p. 176.
Klimenko, N. - Two books about India. p. 178.
New books. p. 181.
Literary chronicle. p. 192.

Vol. 24, no. 3, May-June 1956.

Table of contents translated:

Zadornov, Nikolai. - Captain Nevel'skoi; a novel (to be continued). p. 3.
Savostin, Nikolai. - New verse. p. 94.
Mozhaev, Boris. - In a taiga village; a story. p. 96.
From Korean classics; verse. p. 113.
Stolbovskii, Aleksandr. - Fables: The tall, Cross-country vehicle, A nice guy, Characteristics. p. 116.
Fotiev, Nikolai. - The zealous hare; a fable. p. 119.
Aleksandrovskii, Viktor. - Forestry; a sketch. p. 120.
Rosiyi, Sergei. - On the very shores of the Pacific. p. 130.
Maksimov, Nikolai. - On a winter's evening. p. 143.
Uzilevskii, Arkadii. - An incident in Ol'khovka. p. 147.
Kozlov, N. - Sun above the tundra. p. 153.
Efimenko, V. - SEATO, a new form of colonialism. p. 160.
Our Gor'kii. p. 165.
Rogal', Nikolai. - The fate of Egor Veretennikov. p. 170.
Stepanov, A. - Without allowances for youth. p. 180.
New books. p. 183.

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 30, no. 8, Aug. 1956. [In Ukrainian.]

Table of contents translated:

Zabashta, Liubov. - Franko at Krivorivna, The earth, Concerning merit, poet; verse. p. 3
Dol'd-Mykhliyk, IUrii. - A lone man can also fight; a novel (to be concluded). p. 5.
Sheremet, Mykola. - Kirgizstan, Horses; verse. p. 54.
Voloshyn, Ivan. - Winged grain; a sketch. p. 56.
Kornilenko, Oleksa. - The wrong path; a play. p. 63.
Kurylenko, Iosyp. - Letters of I. Franko to O. Kovalenko. p. 99.
Hlavaček, František. - Franko and Czech and Slovak youth. p. 102.
Kyryliuk, IEvhen. - Realism of Ivan Franko. p. 105.
Kysel'ov, Iosyp. - Notes about I. Mykytenko's dramatic works (conclusion). p. 112.
Boichak, Ivan. - Great champion of friendship among peoples. p. 125.
Readers discuss the periodical "Dnipro." p. 128.

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Published by Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, no. 6, June 1956.

Table of contents translated:

Kirsanov, Semen. - New verse. p. 3.
Korsakene, Galina. - The first year; a tale. Authorized translation from the Lithuanian by L. Slavin. p. 13.
Kuliev, Kaisyn. - My neighbors; verse. Translated from the Balkar by E. Eliseev. p. 70.
Tukhvatullin, Rafail. - Familiar tune; a story. Authorized translation from the Tatar by V. Lukashevich. p. 74.
Dzhangazlev, Musa. - A life in the mountains; verse. Translated from the Kirghiz by S. Sonova. p. 83.
Baltean, Iosif. - A scientific solution has been found...; verse. Translated from the Moldavian by IU. Levitanskii. p. 84.
Khorunzhii, Anatolii. - Trip on the steppes; story. Translated from the Ukrainian by M. Demidova. p. 86.
Wasilewska, Wanda. - Under the Chinese sky; from a book of literary sketches. Translated from the Polish by E. Wasilewska. p. 95.
Babliuk, Boris. - In southern Yakutia; a sketch. p. 123.
Vasilevskii, Petro. - Restless people. p. 131.
News from the republics; a review of the newspapers. p. 137.
Brodskii, B. - More about art industries. p. 142.
Kiselev, Iosif. - Living traditions. p. 149.
Gusein, Mekhti. - The workingman. p. 160.
Talvir, Aleksei. - My meetings with Mate Zalka. p. 164.
Tregub, Semen. - The image of a poet. p. 165.
Chalmaev, V. - The Brest theme and its heroes. p. 171.
Polotsk, S. - A tale about wives and mothers. p. 178.
A poet of friendship. p. 182.
A book about the interrelationship of cultures. p. 182.
The weapon of laughter. p. 183.
Mansur finds friends. p. 184.
"The free protesting word." p. 184.
Not for the glory. p. 185.
"Komi folk songs." p. 186.
A people has attained happiness. p. 186.
"Malika Ater" [in Uzbek]. p. 187.
New books. p. 188.

No. 7, July 1956.

Table of contents translated:

Ilus, Vitino. - Autumn days; a story. Translated from the Estonian by L. Toom. p. 3.
Bratun', Rostislav. - Colonial ballad, Russkaia St., In a thunderstorm; verse. Translated from the Ukrainian by IA. Kholemskii. p. 25.
Korsakiene, Galina. - The first year; a tale (conclusion). Authorized translation from the Lithuanian by L. Slavin. p. 28.
Kvitko, L. - Five poems; translated from the Yiddish by E. Blaginina and others. p. 90.
Timonen, Antti. - The lake soughs...; a story. p. 94.
Gullam, Khamid. - Dzhura the viticulturist; verse. Translated from the Uzbek by IU. Gordienko. p. 101.
Danilov, Semen. - So that I don't become bored; verse. Translated from the IAkut by A. Shpirt. p. 103.
Ognetavet, Edi. - Spring on an assignment; verse. Translated from the White Russian by IA. Kholemskii. p. 104.
Murzidi, Konst. - A good man; verse. p. 105.
Golubev, Gleb. - Restless machine. p. 106.
Larin, Boris, Frolov, Victor. - On the eve of the Spartakiada. p. 116.
News from the republics; a review of newspapers. p. 124.
Ozerov, Lev. - Vytautas Montvila; on the 15th anniversary of his death. p. 129.
Montvila, Vytautas. - From unpublished verse; translated from the Lithuanian by L. Ozerova. p. 138.
Khachatriants, IA. - Observations of a translator. p. 140.
Antokol'skii, Pavel. - In memory of Samed Vurgun. p. 144.
Rafii, M. - Patriotic poetry. p. 146.
Turbin, V. - The pathos of creation. p. 152.
Babenysheva, S. - Together with the people. p. 157.
Goffenshefer, V. - Historical veracity and artistic truth. p. 162.
Naglbin, IUrii. - Lofty simplicity. p. 169.
Lomidze, Georgii. - Vital problems. p. 172.
Songs of the Mordvinian people. p. 183.
Trip through the Verkhovina. p. 184.
A fairy tale about fairy tales. p. 184.
The veracious and the contrived. p. 185.
Living sources. p. 185.
"A call to life" [in Uzbek]. p. 186.
In the days of the first storm. p. 187.
"On the threshold." p. 188.
New books. p. 189.

No. 8, Aug. 1956.

Table of contents translated:

Brodelo, Anna. - With the heart's blood; novel. Authorized translation from the Latvian by D. Glezer. p. 3.
Tabidze, Titsian. - Poetry; translated from the Georgian by N. Tikhonov and others. p. 60.
Franko, Ivan. - An unwilling hero; a tale. Translated from the Ukrainian by B. Turganov. p. 69.
Sadri, Mukhamed. - To my heart, Youth; authorized translation from the Tatar by M. L'vov. p. 97.
Khakim, Sibgat. - Three deaths; authorized translation from the Tatar by M. L'vov. p. 98.
Zharokov, Tair. - First step; verse. Translated from the Kazakh by N. Starshinov. p. 99.
Kulakovskii, Aleksei. - The twelfth unupholstered car; a story. Translated from the White Russian by M. Zlatogorov. p. 101.
TSagaraev, Gigo. - Rain, Bazaar; verse. Translated from the Ossetic by G. Gornostaev and V. Zhuravlev. p. 109.
Girnyk, Mikola. - We stroll until the clear midnight; verse. Translated from the Ukrainian by V. Zvlaginseva. p. 111.
Kholomskii, IAkov. - Noon; from verse about Daghestan. p. 112.
Nebylitskii, Boris. - The awakened steppe; notes of a motion-picture cameraman. p. 114.
News from the republics; newspaper items. p. 130.
Molozh, Ivan. - Trip to Prague; from a tourist's notebook. p. 136.
Chlenov, A. - Antiquity and the present; remarks on Armenian painting. p. 144.
Boleiskii, Aleksandr. - The greatness of Ivan Franko. p. 150.
Fomenko, L. - Trust and vigilance. p. 172.
Osmanova, Z. - In the language of a scholar and artist. p. 175.
Levontin, E. - Khakass poetry. p. 178.
Osmanov, N. - Beginning of a great discussion. p. 181.
Initial victories. p. 185.
When one loves. p. 185.
The art of seeing. p. 186.
A new collection by Aaly Tokombaev. p. 187.
Training the emotions. p. 187.
Review of Julijs Vanags' ballads. p. 188.
At the crossroads. p. 188.
In a Kara-Kalpak village. p. 189.
New books. p. 190.

ĖŽEBÍ BASHKORTOSTAN [LITERARY BASHKIRIA]. Organ of Soiuz sovetskikh pisatelei Bashkirii [Association of Soviet Writers of Bashkiria]. Ufa, vol. 20, nos. 8-9, Aug.-Sept. 1956. [In Bashkir.]

GRANI [FRONTIERS]. Published by "Posev." Frankfurt/Main, vol. 11, no. 30, Apr.-June 1956.

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:

Fürnberg, Louis. - Insights; fragments from the narrative poem "The nameless brother." p. 3.
Otčenašek, Jan. - Citizen Brych; a novel. p. 9.
Isanos, Magda. - Verse. p. 73.
Böll, Heinrich. - The silence of Doctor Murke; a story. p. 76.
Greene, Graham. - The quiet American; a novel (conclusion). p. 90.
Kostic, Dusan. - After all is over; verse. p. 165.
Maksimovic, Desanka. - Kneading dough; verse. p. 166.
O'Casey, Sean. - Bernard Shaw. p. 167.
Zaslavskii, D. - Bourgeous critics on Dostoevskii. p. 170.
Lisitsa, B. - Mao Tun. p. 176.
Kopelev, L. - Heart on the left. p. 182.
Tolchenova, N. - With a feeling for historical perspective. p. 189.
Frid, IA. - Roger Vailland and his novel "325,000

francs." p.193.
A discussion on Graham Greene's novel "The quiet American." p.198.
Comments on M. Sholokhov's letter to the editor of "Inostrannaia literatura." p.207.
Nelson, Steve. - The thirteenth juror. p.220.
Kibrik, E. - Mexican graphic arts. p.245.
G'echi, V. - Albanian folk songs. p.250.
Radvolina, I. - Yugoslav partisans. p.251.
Elshiskina, N. - "Inherit the wind." p.252.
Gal'perina, E. - Algerian stories. p.254.
Levidova, I. - The story of Janet Prentiss. p.255.
IAkhnina, IU. - A book that is gratifying to read. p.256.
Ostrovskii, V. - "Malayan pantuns." p.257.
Stal'skii, N. - Branches from the tree of freedom. p.258.
Simonian, L. - A book by Ludwig Renn. p.259.
Stepanov, L. - Lebanese proverbs and sayings. p.260.
Our mail. p.261.
From month to month; brief news. p.265.
Brief notes about authors. p.288.

IUNOST' [YOUTH]. Issued by Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, no.7, July 1956.

Table of contents translated:

Fogel'son, S. - New address; a narrative poem. p.2.
Koriakov, Oleg. - Birth of a road; a story. p.9.
Altaiskii, Konstantin. - New flags; verse. p.16.
Briantsev, Georgii. - A blue package; a tale (to be continued). p.17.
Dorizo, Nikolai. - Verse on youth. p.41.
Gansovskii, S. - Last concert; a story. p.42.
Poliakova, Nadezhda. - Distant station, Roads, Wings; verse. p.54.
Cousteau, Jacques Yves, Dumas, Frederic. - The silent world (continuation). p.55.
Dolmatovskii, Evg. - Poet and soldier. p.72.
Nikolaev, Vl. - Sources of light. p.74.
Klimychev, B. - When the French horn stopped playing. p.75.
Etagina, A. - Live spirit; a sketch. p.76.
Shishlo, Konstantin. - Your home; verse. p.85.
Kravchenko, B. - On the way; a sketch. p.86.
Lovina, A. - "I ask you to take me to Siberia." p.92.
Ovsiannikov, IU. - It happened in Riga. p.95.
Arlazorov, M. - The age of automatic machinery. p.98.
Khomenkov, L. - Where the Olympics will be held. p.106.
Flolr, S. - The battle of Amsterdam. p.110.
Philatelist's corner: An unusual stamp. p.112.

No. 8, Aug. 1956.

Table of contents translated:

Panov, Aleksandr. - Girl from Gulistan; a tale. p.3.
Verse of young poets:
Shereshevskii, L. - Verse about the North. p.36.
Frumkin, Grigorii. - Crossing. "The power of justice." p.37.
Denisov, IUrii. - Shower. p.37.
Briantsev, Georgii. - Blue package; a tale (continuation). p.38.
Kielonskii, IAkov. - Elena and Ruzhena; verse. p.56.
Golubev, Gleb. - Keeper of the river; a story. p.57.
Kuen, Chan. - Letter to mother; verse. p.59.
Cousteau, Jacques Yves, Dumas, Frederic. - The silent world (to be concluded). p.60.
Korzhikov, V. - Impetuosity, Eastward ho, The hill, Separation; verse. p.74.
Vanshenkin, Konstantin. - To a descendant, Sunrise; verse. p.75.
Franko, T. - Stories about my father. p.76.
Galanov, B. - "My brother, my enemy." p.78.
Panov, Viktor. - In the Pavlodar region; a sketch. p.80.
Zernova, R. - In Solombala, beyond Kuznechikha; sketch. p.85.
Can one "propose" friendship? p.89.
Sukharevich, V. - It's great to be a cook! p.90.
Militutin, N. - Meetings with Lenin. p.94.
Zharov, Aleksandr. - Herald of spring; verse. p.98.
Smolkin, M. - Unknown drawings by I.Levitan. p.99.
Vasilevskii, L., Tarnopol'skii, M. - City in interplanetary space. p.102.
Saakov, R. - Greeting the World Festival of Youth. p.107.
Svetov, A. - Speed and power. p.108.
New expedition of Thor Heyerdahl. p.111.
Looking at newspapers. p.112.

KIRGIZSTAN [KIRGHIZISTAN]. Organ of Soiuz sovetskikh pisatelei Kirgizii [Association of Soviet Writers of Kirgizia]. Frunze, vol.17, no.4(31), July-Aug. 1956.

Table of contents translated:

Sydykbekov, T. - Aina; excerpt from the novel "In the mountains." p.3.
Stupak, N. - In the eagle's country; from the verse cycle "Spring in Susamyr." p.40.
Prokhorov, N. - First jump; a story. p.42.
Udalov, N. - The spring; a poem. p.52.
Belov, S., Dolynenko, A. - Perpetual motion; a story. p.53.
Tiulebaev, K. - Two poems. p.60.
Fikain, S. - Brief encounters; notes of a journalist. p.62.
Men'shikov, M. - Formative process; a sketch. p.65.
Tikhanovich, N. - Television in Frunze. p.74.
Staal', S. - It's, indeed, not a sin to laugh. p.75.
Zemlink, IA. - From parodies. Story of a poet. p.79.
Borbogulov, M. - Declaration; a fable. p.80.

LITERATURA SLAVIANSKIKH NARODOV [LITERATURE OF SLAVIC PEOPLES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no.1, 1956. Adam Mitskevich; k stoletiiu so dnia smerti [Adam Mickiewicz; on the 100th anniversary of his death].

Table of contents translated:

Landa, S.S. - Sources of "Ode to youth." p.6.
Vitt, V.V. - Mickiewicz and Zeromskii. p.65.
Khorev, V.A. - Mickiewicz's ballads as translated by Pushkin. p.83.
Kollasheva, I.N. - Russian translations of A.Mickiewicz's "Crimean sonnets." p.93.
Vervos, G.D. - Adam Mickiewicz and the Ukrainian literature. p.105.
Bekker, I.I. - Mickiewicz's works and the czarist censorship. p.117.
Belza, I.F. - Mickiewicz and music. p.144.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 17, no. 4, July-Aug. 1956.

Table of contents translated:

Heighten the significance of literary reading in classes 5-7. p.3.
Neiman,B.V. - Literary movement of the 1860's. p.8.
Korst,N.O. - School analysis of a literary work's unity of content and form. p.24.
Belen'kii,G.I. - Lessons on the study of the lyric poetry of Maiakovskii. p.32.
Alzerman,L.S. - Literature notes taken by students in advanced classes. p.46.
Granovskii,G.I. - Card index of a philologist. p.51.
Kviatkovskii,E.V. - Structure of the program in literary reading in schools for working youth. p.52.
Bugaiko,T.F. - Russian literature in general schools of the Bulgarian People's Republic. p.59.
Mann,IU. - "The student Dobroliubov"; a tale. S.Marvich. p.64.
Teplinskii,M.V. - "Seminar on Nekrasov." M.M. Gin and V.E. Evgen'ev-Maksimov. p.66.
Belen'kii,G., Kaplan,I. - New books on Chekhov. p.68.
Golovenchenko,A. - George Bernard Shaw. p.72.
Afanas'ev,V. - V.S. Kurochkin. p.76.
IAsnopol'skaia,N. - Treasure house of Russian art. p.77.
Fofanskaia,E.I. - Russian language aspects of literature lessons in classes 8 and 9. p.81.
Grishchenko,V. - Teachers on the new programs and anthologies for classes 6 and 7. p.86.
Kalashnikov,V.M. - Work on foreign literature outside class. p.93.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz sovetskikh pisatelei Azerbaidzhana [Association of Soviet Writers of Azerbaijan]. Baku, vol. 14, no. 6, June 1956.

Table of contents translated:

From the Presidium of the Supreme Soviet of the U.S.S.R. p.3.
From the Central Committee of the Communist Party of Azerbaijan, the Council of Ministers of the Azerbaijan S.S.R. and the Presidium of the Supreme Soviet of the Azerbaijan S.S.R. p.3.
From the administration of the U.S.S.R. Association of Writers. p.3.
From the Presidium of the Association of Writers of Azerbaijan and the Presidium of the Academy of Sciences of the Azerbaijan S.S.R. p.3.
Samed Vugun Vekilov; obituary. p.4.
In memory of the poet. p.7.
Vurgun, Samed. - Forgotten grave; verse. Translated by I. Oratovskii, A. Plavnik. p.9.
Shikhly, Ismail. - Tale about my friend; translated by A. L'vov, I. Morshanov. p.11.
Simonov, Petr. - New verse. p.63.
Qusolnov, Isa. - Two stories; translated by D. Glikshtein, I. Novinskaia. p.68.
Guliev, Kerim. - Verse about light; translated by V. Zaitsev. p.78.
Zemmel', Varvara. - The doll; verse. p.79.
Dzhalal, Mir. - Nariman Narimanov, an outstanding writer and realist. p.80.

Vol. 14, no. 7, July 1956.

Table of contents translated:

Shikhly, Ismail. - Tale about my friend (continuation). Translated by A. L'vov and I. Morshanov. p.3.
Petrakov, Mikhail. - Nikolai Shevchuk, private; narrative poem. p.47.
Kasimov, Firidun. - Three on the sea; a story. p.56.
Lahuti, Mirza. - Two poems. p.64.
Aasadov, Sardar. - Two windows; a verse. Translated by P. Simonov. p.65.
Polonskii, L. - In young cities; travel sketches (conclusion). p.66.
Guseln, Mekhti. - Figure of a laboring man. p.79.
Boguslavskii, Valentin. - "Aleksandropol' stronghold." p.83.
Our reader carries on a conversation. p.86.

Vol. 14, no. 8, Aug. 1956.

Table of contents translated:

Shikhly, Ismail. - Tale about my friend (conclusion); translated from the Azerbaijani by A. Plavnik, I. Morshanov. p.3.
Saryvelli, Osman. - Verse of several years; translated from the Azerbaijani by A. Krongauz, P. Simonov. p.43.
Khalil, Zeinal. - Talk about poetry, Someone said, My beloved has come, The critic, Legacy of my grandfather; verse. Translated by Vl. Lifshits. p.46.
Moshchenko, Vladimir. - Mountains, The flower, Old locomotive; verse. p.49.
Alizade, Magerram. - Wide sky-blue way; a sketch. p.51.
Grekin, Grigorii. - Original - literal translation - translation. p.63.
Petrosian, Israel. - Fables; translated by IU. Fidler. p.64.
Minkevich, Dm. - "The morning," "Awakening"; novels by Mekhti Guseln. p.66.
Kafarov, V., Portnov, V. - New edition of "Cinderella." p.79.

LITERATURNYI SOVREMENNIK [THE LITERARY CONTEMPORARY]. Published by the Fund for Intellectual Freedom. Munich, 1954.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol.2, 1956.

Table of contents translated:

Filatov, Aleksandr. - Communists; verse. p.3.
Pinlaev, Ivan. - The rain; verse. p.5.
Golovanov, Sergei. - The oak; verse. p.6.
Pal'man, Viacheslav. - Dissension on a farmstead in Vishnyaki; a tale. p.7.
Tendriakov, Vladimir. - Chuckholes; a story. p.43.
Zubavin, Boris. - An incident; a story. p.70.
Varlamova, Inna. - Fishermen; a story. p.77.
Kriukov, Viktor. - Army stories. p.86.
Prishvin, M.M. - Eyes of the earth. p.104.
Kuznetsov, Vladlen. - The word is a weapon; notes on V.I. Lenin's polemical art. p.151.
Kantorovich, Vladimir. - Within the city limits; a publicist's notes. p.171.
Vigilianskii, Nikolai. - From factory life. p.188.
Orlov, Vladimir. - Atomic Russia; impressions (to be continued). p.200.
Mendelevich, G. - An important precept; M. Gor'kii on ties between science and literature. p.226.
Fish, Geonadii. - Through southern Finland; a tourist's notes. p.232.
Avdeev, A. - Road through the Gobi. p.249.
Stepelev, Valentin. - The ability to see; on the trips of our essayists abroad. p.262.
Ostpov, I. - In Maritime Territory. p.261.
Efimov, V. - Petroleum in the lower Volga region. p.265.
Shingarev, Vladimir. - On Kara-Bugaz Bay. p.267.
Birlukov, V. - On the Syr Darya. p.269.
Karpov, Pavel. - On the Amu Darya. p.270.

NEVA. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Leningrad, no.6, June 1956.

Table of contents translated:

In memory of A.A. Fadeev. p.3.
Likharev, B. - In a country of friends; verse. p.5.
Sazhin, P. - Captain Kirikeev; a tale (conclusion). p.9.
Ostrovoi, S. - Autumn motif, Night; verse. p.81.
Zoshchenko, M. - Three stories. p.83.
Zavodchikov, V. - Poem to Tat'iana. p.92.
Rudenko, M. - The wind in one's face; a novel (continuation). p.93.
Kuznetsov, N. - Ferrous metallurgy in the new five-year plan. p.121.
Samoilov, F. - Ural sketches. p.125.
Timofeev, B. - Through Yugoslavia. p.132.
Gromov, P. - Genuine and false history. p.141.
Zedain, V. - Little-known works by Repin. p.149.
Saianov, V. - Meetings with Gor'kii. p.161.
Blalik, B. - The author and the reader. p.161.
Iezuitov, A. - Dogmatic theories and living literature. p.167.
Vals, G. - A visit to Gerhart Hauptmann. p.171.
Zimin, N. - One of Lenin's cohorts. p.177.
Zhilo, E. - Superficial sketch or traits of character. p.178.
Gasiev, A. - A novel about Goya. p.179.
Aizenshtok, I. - The poetry of research. p.179.
Kalmanovskii, E. - The return of Mikhail Bulgakov. p.180.
Dymshol, IA. - Man overboard; a story. p.181.
Lagoda, V. - Inclinations and habits of Matvei Zako-

vychka. p.184.
Timofeev, B. - Ironic medley. p.184.
A review of humor magazines. p. 185.
M. Dudin; a friendly cartoon by I. Igin. Text by B. Kezhun. p. 186.
Masainov, B. - The story of one of Pushkin's conversations. p. 187.
Tikhov, G. - Planetary Institute. p.188.
Sultanov, M. - Letters by Lev Nikolaevich Tolstoi. p.189.
Ukrainets, G. - Semiconductor refrigerator. p.189.
Zvenigorodskii, A. - The origin of the name "Kolomna." p.190.
The editor of the "Progressive Magazine" visited us. p.190.
Khvostenko, V. - Eternal colors. p.191.

No. 7, July 1956.

Table of contents translated:

Avramenko, I. - Transformation of Siberia. p. 3.
Virta, N. - Krutye Gory; pictures of rural life. p. 9.
Shakhovskii, B. - Astrakhan', Winter departs; verse. p. 41.
Paustovskii, K. - Steel ringlet; a fairy tale play. p. 43.
Pozhenian, G. - Three poems. p. 70.
Rudenko, M. - Wind in one's face; a novel (continuation). p. 71.
Sobol', M. - Remembrances; verse. p. 122.
Voronin, S. - Without land; a story. p. 123.
Filippov, B. - Fairy tales. p. 129.
Chelnokov, I. - Five-year plan of the railroads. p. 135.
Fedorov, R. - On the way; a sketch. p. 138.
Semin, L. - Master of a bee colony; a sketch. p. 143.
Berezark, I. - Study Stanislavskii. p. 147.
Kozintsev, G. - A. G. Tyshler's theatrical work. p. 153.
Solov'ev-Sedoi, V. - Life teaches. p. 156.
Vykhodtsev, P. - Actuality in poetry. p. 164.
Rashkovskaia, A. - Yes, we consider them our friends. p. 169.
Zemskov, V., Khodzhaev, IU. - Bernard Shaw in Leningrad. p. 174.
Gornitskaia, N. - Book about the narrative poem "Vladimir Il'ich Lenin." p. 177.
Azarov, V. - Verse by a naval officer. p. 178.
Zonin, A. - Truth about the "ice campaign." p. 179.
Kezhun, B. - In step with spring. p. 180.
Aškenázy, L. - Ostrava studies. p. 181.
Lagoda, V. - The editor. p. 183.
Petrov, V. - Militant pencil. p. 184.
Timofeev, B. - Apes, Beetles. p. 184.
Ardiv, V. - B. Lavrenev; a friendly cartoon. p. 186.
Etkind, M. - Rembrandt van Rijn. p. 187.
Vereshchagina, A. - A forbidden portrait. p. 188.
Ramishvili, M. - Vineyard valley. p. 188.
Mokh, M. - The art of porcelain. p. 189.
Korotkikh, G. - Why does fog spread? p. 190.
Grigor'ev, N. - The journal "Koster" (Campfire). p. 190.
Lupalo, I. - Valuable document. p. 191.
Vukolov, V. - Singer of his native region. p. 191.

No. 8, Aug. 1956.

Table of contents translated:

Braun, N. - Leningrad verses. p. 5.
Virta, N. - Krutye Gory; scenes of village life (to be continued). p. 11.
Franko, I. - Verse; translated by A. Prokof'ev, P. P. Zhur, and M. Komissarova. p. 54.
Rudenko, M. - Wind in the face; a novel (conclusion). Translated from the Ukrainian by A. Ostrovskii. p. 57.
Ozernyi, B. - Verse. p. 111.
Řezáčová, Ema. - The secret of Jiřina; a story. Translated from the Czech by G. Gulianitskaia. p. 113.
Natsagdorzh, D. - The four seasons; verse. Translated from the Mongolian by A. Gitovich. p. 117.
Pogrebitskii, E. - Fuel in the sixth five-year plan. p. 119.
Fenster, B. - An interesting book on an important subject. p. 179.
[illegible]rd trip. p. 180.
[illegible]book; a story. p. 181.
[illegible] caricature.
[illegible].
[illegible], p. 125.
Veresov, A. - At the camp. p. 127.
Shagin, N. - Two sports festivals. p. 137.
Min, E. - Marginal notes on a theater program. p. 143.
Gulianitskaia, G. - Old and unforgettable ties. p. 154.
Rozhdestvenskii, V. - Shaliapin at Gorkii's. p. 159.
Borisov, L. - A few words on Kuprin. p. 162.
Khmelnitskaia, T. - Lyricism in prose. p. 165.
Vladimirov, S., Moldavskii, D. - A crib on Malakov-skii. p. 173.
Fridlender, G. - Recollections about Marx and Engels. p. 177.
Petrovskii, IU. - "How are you, Mr. London?" p. 178.

NOVYI MIR [THE NEW WORLD]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 32, no. 6, June 1956.

Table of contents translated:

Simonov, Konstantin. - In memory of A. A. Fadeev. p. 3.
Bezymenskii, A., Vainberg, I. - A long stride; from the series of sketches "Factory workdays." p. 7.
IAshin, A. - In Il'ich's study, Railroad car in the steppe, Christmas tree, Eternal, People don't die in the morning, Signs; verse. p. 33.
Parnis, Alexis. - The legend of Nicosia Beloyannis; from Book 2. Translated from the Greek by N. Razgorov. p. 38.
Jasieński, Bruno. - Conspiracy of indifference; part 1 of an unfinished novel (continuation). p. 46.
Sovak, Paruir. - A difficult talk. Translated from the Armenian by Evg. Evtushenko. p. 121.
Zabolotskii, N. - Morning, A forest lake, A portrait, Reading poetry, The beauty of human faces; verse. p. 133.
Coloane, Francisco. - How Otey from Chiloe died. Translated from the Spanish by G. Polonskaia. p. 136.
Vera, Pedro Jorge. - Mourning everlasting. Translated from the Spanish by El. Kolchina. p. 144.
Correspondence between A. M. Gor'kii and M. E. Kol'tsov. Published by A. A. Gor'kii Archive. p. 149.
Rimskii-Korsakov, V. A. - Letters about China. Publication, preface, and notes by A. Gozenpud. p. 167.
Dolmatovskii, IU. - Twenty-four hours in an automobile; critical travel notes. p. 179.
Dubov, Nikolai. - How they destroy the sea. p. 195.
Ivich, Aleksandr. - Textbooks are written for children. p. 202.
A review of foreign literary magazines. p. 212.
More about reciprocity. p. 212.
Razgovorov, N. - Interlaced roots. p. 214.
Stezhenskii, V. - Spirit of the times. p. 218.
Bialik, B. - A. M. Gor'kii's creative laboratory. p. 222.
Literature and art. p. 230.
Shumskii, A. - A new volume of the Gor'kii Archive. p. 239.
Knipovich, E. - A life striving for the future. p. 241.
Ognev, Vladimir. - Leonid Martynov's lyrics. p. 244.
Vorob'ev, Evgenii. - All-powerful hands. p. 249.
Orfenov, A. - This is the way Stanislavskii worked. p. 251.
Zhivov, M. - International recognition. p. 253.
Granin, D. - "My brother, my enemy." Mitchell Wilson. p. 254.
Politics and science. p. 259.
Dorosh, Efim. - "It's a matter of organization." p. 259.
Makar'ev, I. - "Recollections about Marx and Engels." p. 260.
Cherniak, E. - A laborite journal on the unity of the labor movement. p. 264.
Stratanovich, G. - The life of Nikita IAkovlevich Bichurin. p. 267.
Kinzhalov, R. - What Egyptian hieroglyphics have told us. p. 268.
Kaluzhnin, L. - The serious in the amusing. p. 270.
Echoes of the past. p. 272.
Elkin, An. - Letters and drawings by Emel'ian IAroslavskii from the period of his penal servitude. p. 272.
Voronov, V., Zemskov, V. - The English press on "Andrei Kozhukhov." p. 273.
Svetlov, L. - A. N. Radishchev's legacy of manuscripts. p. 274.
Brief comments. p. 276.
Novikov, Anatolii. - Taste in music. p. 276.
Shklovskii, Viktor. - In order to know one another better. p. 276.
Fish, Gennadii. - Hundred of new books. p. 277.
Kirsanov, Semen. - Concerning a store. p. 278.
Inter alia. p. 279.
Explanations which are enigmatic, ridiculous, and even offensive. p. 279.
Precocious child edition. p. 279.
Contrary to the author's intent. p. 280.
Brief book reviews. p. 281.
New books. p. 285.

Vol. 32, no. 7, July 1956.

Table of contents translated:

We continue the discussion on schools:
Pomerantseva, E. - Beginning of a great course. p. 3.
Aizerman, L. - The live and the dead. p. 16.
Gordienko, IU. - Turkmen verse. p. 31.
Nezval, Vítězslav. - Ballad from the frontier; verse. Translated from the Czech by IAkov Khelemskii. p. 36.
Lugovskoi, Vl. - In memory of a friend; verse. p. 39.
Zalygin, S. - Witnesses; a tale. p. 44.
Kazin, Vasilii. - Lyric verse. p. 86.
Tabidze, Titsian. - Verse of various years. Translated from the Georgian by B. Pasternak and N. Zabolotskii. p. 90.
Vanshenkin, Konstantin. - Under the gaze of many mournful eyes; verse. p. 95.
Jasienski, Bruno. - Conspiracy of indifference; part one of an unfinished novel (conclusion). p. 96.
Gamzatov, Rasul. - To Georgian maidens; verse. Translated from the Avar by IA. Kozlovskii. p. 144.
Shaw, Bernard. - O'Flaherty, V.S.; one-act play. Translated from the English by I. Gurova. p. 146.
Shaw, Bernard. - Reply to simpletons; selections from a radio talk. p. 159.
Ludwig, Emil. - Rembrandt. Translated from the German by R. Rozental'. p. 163.
Kazantsev, Aleksandr. - Workers in the fields. p. 169.
Lidin, Vl. - The course of the book. p. 184.
Kamenskii, A. - Reflections on the canvases of Soviet painters. p. 190.
Review of foreign literary journals:
Eldlin, L. - Literature and a plan. p. 204.
Rubin, Vl. - The author, the fee, and the book. p. 207.
Mikhailova, L. - Listening to the reader and reading critics; a trip to Transcarpathia. p. 212.
Karavaeva, Anna. - Concerning the tale by A. I. Shubin. p. 242.
Literature and art:
Pertsov, V. - Don't just explain but also make alterations. p. 246.
Starikova, E. - The people are human beings. p. 249.
Kogan, A. - A breath of something new. p. 252.
Lipkin, S. - The power of reason. p. 256.
Efimov, Bor. - An illustrator's mastery. p. 258.
Ilupina, A. - The living Rachmaninoff. p. 259.
Simonian, L. - A story by Krishan Chandar. p. 261.
Politics and Science:
IUr'ev, M. - Heroic epic of the Chinese people. p. 263.
Igiitskii, A. - The politics of a national catastrophe. p. 265.
Timashev, A. - Advances made by the Polish science of geography. p. 267.
Mendelovich, G. - "A. M. Gor'kii, propagandist of science." p. 269.
Kovda, V. - "A lost island." p. 271.
Morozov, A. - Road to the machine. p. 273.
Echoes of the past:
Shepelev, V. - New documents on Lev Tolstoi. p. 275.
TSunts, Mikh. - The story of the Padun Rapids. p. 276.
Brief comments:
Alpatov, M. - Museums and cinematography. p. 278.
Bogoslovskii, N. - More about the subject of dictionaries. p. 279.
Shishko, An. - The historical theme. p. 280.
Inter alia:
This was not what Fast wanted. p. 281.
Who wrote "Boris Godunov." p. 282.
Take pity on the students! p. 282.
A watermelon but not a watermelon... p. 283.
Brief notes on books. p. 284.
Recent books. p. 287.

Vol. 32, no. 9, Sep. 1956.

Table of contents translated:

Katsev, P. - Remarks by the director of a machine-tractor station. p. 3.
Kirsanov, Semen. - The seven days of the week; narrative poem. p. 16.
Kuliev, Kaisyn. - From a notebook on the front; verse. p. 33.
Gudzenko, Semen. - At a monument, I have been here since morning..., Landscape; verse. p. 34.
Dudintsev, V. - Not by bread alone; novel (to be concluded). p. 37.
Wordsworth, William. - Prologue to the poem "Peter Bell," Insomnia; verse. Translated from the English by Natallia Konchalovskaia. p. 119.
Ovechkin, Valentin. - Difficult spring (conclusion). p. 121.
From Daghestan folk poetry; translated by N. Grebnev. p. 170.
IAkovlev, IUrii. - In a suburban train; verse. p. 182.
Wasilewska, Wanda. - In China (conclusion); translated from the Polish by E. Wasilewska. p. 184.
Razgovorov, N. - To incite or to restrain? p. 22[illegible]
Pertsov, V. - Concerning Vsevolod Vishnevskii. p. 230.
Shtut, S. - The map of our literature. p. 239.
Literature and art:
L'vov, Sergei. - After the novel was read. p. 250.
Kapusto, IU. - "Ruts." p. 254.
Papernyi, Z. - Two out of twenty eight. p. 257.
Stepanov, N. - The poet's course. p. 259.
Lovin, L. - Stories indeed. p. 261.
Prilozhaeva, M. - Book on a poet's work. p. 235.
Sashenkov, E. - Fritz Jenson, poet and translator. p. 260.
Politics and science:
Zorin, Val. - Myths and facts. p. 269.
Arlazorov, M. - Journey to the building site. p. 271.
Gorelik, I. - "A guessed secret." p. 272.
Bolkhovitinov, V. - The life of models. p. 274.
Stepanov, B. - Author from the capital in a provincial publishing house. p. 275.
Echoes of the past:
Lanskii, L. - An unknown feuilleton by Hertzen. p. 278.
Shepelev, V. - The fable "The asses and Leo [the lion]. p. 279.
Brief comments:
Rozanov, I. - An obvious truth. p. 280.
Rakhtanov, I. - Five windows on Gor'kii Street. p. 280.

Inter alia: A sad unanimity, Geography and bibliography. p. 282.
Brief notes on books. p. 283.
Recent books. p. 287.

NOVYI ZHURNAL. THE NEW REVIEW. New York, N.Y., vol. 15, no. 46, 1956.

OKTIABR' [OCTOBER]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 33, no. 6, June 1956.

Table of contents translated:

Antonov, Sergei. - It happened in Pen'kovo; a tale. p. 3.
Marlynov, Leonid. - New verse. p. 91.
Akhmadulina, Bella. - The son, Evening, The birch; verse. p. 95.
Kalinovskii, G. - Distant wells; a story. p. 99.
Vinokurov, E. - The accordion, Coldness; verse. p. 112.
Mezhirov, A. - Father; verse. p. 114.
Shasa, M. - The ability to build. p. 116.
Artishchev, V. - A place in life. p. 125.
Gol'danskii, V. - New chemical elements. p. 140.
Gudtsov, N., Mashtakova, L. - Low-alloy steel with increased strength. p. 143.
Nikolaev, I. - Gas-turbine locomotive. p. 145.
Kovanov, V. - Hypothermia. p. 147.
Unpublished letters by A. M. Gor'kii. p. 150.
Bogorodskii, Fedor. - A half year in Sorrento. p. 154.
Czerov, V. - Problems and characters. p. 166.
Gachev, G. - Chronicle of a people's struggle. p. 179.
Kardin, V. - The right to trust. p. 183.
Chukovskii, Nikolai. - The primary and the secondary. p. 187.
Runt, M. - Master of one's fate. p. 199.

Vol. 33, no. 7, July 1956.

Table of contents translated:

Gladkov, Fedor. - Rebellious youth; a tale. p. 3.
Lugovskoi, Vl. - Horseshoe of happiness, Heels; verse. p. 77.
Zabolotskii, N. - Going to the movies, Failure; verse. p. 81.
Frenkel', Il'ia. - Soldier's soul; verse. p. 83.
Korenev, A. - Roll call; verse. p. 84.
Zaslavskii, D. - Apologists for present-day capitalism. p. 86.
Bylinov, Aleksandr. - An engineer's duty. p. 90.
Sverdlova, K. - IAkov Mikhailovich Sverdlov. p. 112.
Troitskaia, V. - International Geophysical Year. p. 165.
Shaw, Bernard. - Thoughts about the drama; translated from the English by A. Obraztsova, S. Shlapoberskaia. p. 170.
Dement'ev, V. - Tvardovskii's lyrics. p. 175.
Papernyi, Z. - A trace in one's soul. p. 182.
Stepanov, N. - "Dostoevskii lived here." p. 186.
Potapova, Z. - Italy's hope. p. 189.

Vol. 33, no. 8, Aug. 1956.

Table of contents translated:

Chakovskii, Aleksandr. - A year of life; a tale (to be concluded). p. 3.
Vasil'ev, Pavel. - Khristoliubov's calicos; a narrative poem. p. 56.
Nagaev, Dm. - The signal of disaster; verse. p. 63.
Fedorov, Vas. - When blizzards...; verse. p. 84.
Dobozi, Imre. - On Hungarian fields. p. 85.
Zhurakhovich, S. - The wandering Shmatiuk. p. 96.
Sverdlova, K. - IAkov Mikhailovich Sverdlov (conclusion). p. 107.
Ivan Franko on literature. p. 164.
Surovtsev, IU. - First job. p. 173.
Tolchenova, N. - The creative path. p. 181.
Osnos, IU. - History and poetry. p. 185.
Dubinskaia, A. - The story of the Mallory brothers. p. 188.

OKTOMBRIE [OCTOBER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R., Kishinev, vol. 25, no. 10, Oct. 1956. [In Moldavian.]

PRIZYV [THE APPEAL]. Organ of Damskii blagotvoritel'nyi komitet [Ladies Committee for Charity]. New York, no. 76, Oct. 1956.

SHARKI SURKH [THE RED EAST]. Organ of Association of Soviet Writers of Tajikistan. Stalinabad, no. 9, Sep. 1956. [In Tajik.]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza sovetskikh pisatelei [Novosibirsk Branch of the Soviet Writers' Association]. Novosibirsk, vol. 36, no. 3, May-June 1956.

Table of contents translated:

Lisovskii, Kazimir. - Spring on the Yenisei; In Shushenskoye, The beloved Yenisey, Come and see for yourself; verse. p. 3.
Logovskoi, Inn. - Morning on the Angara; A word to Baikal, Statement of service of the Angara, Where is Kuz'mikha, where is Kuz'mikha, Kulikov Islands, Padun before the assault; verse. p. 5.
Nazarenko, Marina. - Travel tale, For the family's sake; stories. p. 8.
Perevalov, Nikolai. - The first oath, Girl student; verse. p. 40.
Ivanov, Vadim. - That's the way it was, The hawthorn; verse. p. 41.
Sassa, Gennadii. - Geese, Beyond the outskirts; verse. p. 42.
Ermakov, I. - The Sokolok brigade; a tale. p. 43.
Naumov, Sergei. - Buranov; a story. p. 49.
IAkhnin, Zorii. - New settlers, The new house; verse. p. 55.
Zlabrev, A. - When grandmother sleeps; a story. p. 60.
Syrova, Malia. - False note, The jump; stories. p. 69.
Mullin, Georgii. - Long drawn-out rain, Reeducated; verse. p. 78.
News from new construction projects:
Paderin, G. - Siberian power. p. 79.
Donenkov, M. - Above the waters of the Ob. p. 81.
Kitainik, A. - Confidence; a sketch. p. 84.
Nazarov, I. - Through ice and fog; a sketch. p. 107.
Ivanov, Leonid. - With the American delegation in the Altai. p. 120.
Zykov, I. - The Koshtak mine. p. 130.
IUrasova, M. - City on the Irtysh. p. 133.
Grushetskaia, L. - Evdokia Koval'chuk. p. 142.
Titov, G. - Siberian portraits by V.I. Surikov. p. 147.
Mostkov, IU. - Konstantin Sedykh. p. 151.
Abramovich, A. - Krasnoyarsk almanac. p. 160.
Antropianskii, N. - Collected articles on aesthetics. p. 174.
Book reviews:
Balandin, L. - Better less... p. 178.
Gor, Gennadii. - "Poetry." IUrii Kiunzegesh. p. 182.
Koptelov, A. - Essay on the achievement of a collective farm scientist. p. 182.
Gol'dberg, I. - "A sketch about surgery." p. 184.
Fedorov, Evg. - Heart-to-heart talk. p. 185.
Altaev, L. - More accurately, profoundly, and actively. p. 186.
Odinokov, V. - "Writers of Soviet Siberia." p. 188.
New books. p. 192.

SOVET ĔDĔBIIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei Tatarii [Association of Soviet Writers of Tataria]. Kuzan, vol. 34, no. 9, Sept. 1956. [In Tatar.]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia, Erivan, nos. 9-10, 1956. [In Armenian.]

SOVETSKAIA OTCHIZNA [SOVIET FATHERLAND]. Organ of Soiuz sovetskikh pisatelei BSSR [Association of Soviet Writers of the White Russian S.S.R.]. Minsk, no. 4, July-Aug. 1956.

Table of contents translated:

Sergievich, Mikola. - In the homeland. p. 3.
Kostylev, Vitalii. - Seven poems. p. 62.
Khvedarovich, M. - Friendship, You and I share a common fate, Love; verse. Translated from the White Russian by K. Altaiskii. p. 67.
Parakhnevich, M. - Morning; verse. p. 50.
Kulakovskii, Aleksei. - Car number twelve, unupholstered; a story. Translated from the White Russian by VI. Zizhenko. p. 60.
Bolevich, Anton. - Easy breadwinning; a narrative poem. Authorized translation from the White Russian by Konst. Titov. p. 70.
Rozhdestvenskii, Vs. - Memorable meetings. p. 83.
Kozachuk, T., E. Kravchenko. - Writer-fighter. p. 90.
Konstantinov, IUr. - Remarks on the subject. p. 103.
Esakov, Ales'. - "Dramatic works." IAnka Kupala. p. 119.
Arabei, L. - Poetry of revolutionary passion. p. 128.
Throughout White Russia. p. 132.

SOVETSKAIA PECHAT' [SOVIET PRESS]. Issued by gazeta [newspaper] "Pravda." Moscow, no. 6, June 1956.

Table of contents translated:

Editorial: The journalist and the reader. p. 1.
"Its uniform stamp." p. 4.
Nedzvetskii, A. - Janitors on a newspaper. p. 9.
Vaisman, M. - Current operations or an obsession with campaigns? p. 12.
Signs of the times. p. 14.
Mal'tis, F. - Critical volleys without consequences. p. 17.
Initiative of newspapers. p. 20.
A very old Bolshevik newspaper; 50th anniversary of "Bakinskii rabochii." p. 23.
Sonkin, M. - A living voice. p. 24.
Lazarev, G. - Thoughts beside a radio set. p. 26.
IAkovlev, T. - Three and sixteen thousand. p. 28.
Golovko, A., Komov, V. - An editor's workdays. p. 31.
Always late! Letters on the work of TASS and the telegraph agencies in the republics. p. 33.
Maslennikov, S. - So that a newspaper might be interesting. p. 36.
Zavelitskii, Mikh. - Good and bad valued alike. p. 38.
Mandel', O. - News is interesting. p. 39.
Riabov, V. - What is the meaning of "a few days ago"? p. 40.
Kraminov, D. - International conference of journalists. p. 41.
Makarenko, IA. - Welcome! p. 42.
Efimov, P. - Know each other better. p. 44.
Rogov, Vl. - Meetings with English journalists. p. 50.
Letters to the editor. p. 54.
Kuleshov, M. - Coauthor. p. 56.
Toporkov, L. - Our common acquaintance. p. 57.
Fadeeva, O. - A common-enough story. p. 59.
Brief news. p. 61.

No. 7, July 1956.

Table of contents translated:

Editorial: District newspaper. p. 1.
In the Bureau of the Central Committee of the Communist Party of the Soviet Union of the R.S.F.S.R. p. 4.
Deeds and thoughts; letters from district newspaper workers. p. 6.
Mukhin, A. - On the eve of an anniversary. p. 10.
Podol'skii, B. - Literary mastery. p. 12.
In the organizational bureau of the Union of Soviet Journalists. p. 16.
Newspaper of the Russian Federation. p. 17.
Samokhin, F. - Carry out the affair to the finish. p. 18.
Sokolkov, A. - A living source. p. 20.
Salamatin, G., Burdin, B. - We compose without galley proofs. p. 21.
Galich, B. - Elusive idea. p. 22.
Mikulina, E. - Far from Moscow. p. 25.
Zhegis, V. - On the diesel-powered ship "Victory." p. 28.
Vasil'ev, V. - Journalists need an economic background. p. 30.
From acknowledgments to deeds. p. 33.
The Spartakiada of the peoples of the U.S.S.R. p. 35.
Podliashuk, P. - Good luck, friends. p. 36.
Documents of the International Conference of Journalists. p. 39.
Chimid, G. - The press in the Mongolian People's Republic. p. 42.
Belfrage, Cedric. - A "seditious" newspaper in the U.S.A. p. 44.
Vorob'ev, N. - With Chinese journalists in the U.S.S.R. p. 49.
Filippov, A. - First contacts. p. 52.
Letters to the editor. p. 55.
Nikulin, S. - It is necessary to take counsel. p. 57.
Caught red-handed. p. 59.
Mel'nichuk, V. - A plagiarized conversation. p. 59.
Medvedev, M. - Laurels but not these... p. 59.

No. 8, Aug. 1956.

Table of contents translated:

Editorial: Develop the glorious movement of village and workers' correspondents. p. 1.
Bekasov, D. - For a creative search. p. 4.
Kavskaia, N. - In the hot days of the harvest. p. 7.
Churakov, N. - On the wastelands of the Altai. p. 10.
Something new in newspaper formats. p. 12.
Alpatov, A. - We need support. p. 13.
IAshchuk, N. - My basic theme. p. 14.
Frolov, I. - First joys, the hundredth grief. p. 16.
Fedotov, V. - Results are more important than anything else. p. 17.
Kornilov, IU. - A letter came to the editor... p. 19.
Let us continue our discussion on the satirical sketch:
Zolotarev, IU. - Neglect of a genre. p. 24.
Kalasnikov, V. - Without form the satirical sketch doesn't exist. p. 25.
Prokhorov, Evg. - Fix the limits. p. 26.
Riabchikov, E., Barashev, P. - Journalists in the Antarctic. p. 28.
Fidrovskii, A. - Be daring!.. p. 31.
Cheropakhov, M. - A valuable journalism manual ("Newspaper genres"). p. 33.
Books written by journalists. p. 35.
Pronin, P. - After the international meeting in Helsinki. p. 37.
Toma, Sorin. - "Scintela." p. 39.
Vishnevskii, S. - In the shadow of the "palladium of freedoms." p. 43.
Chichkov, V. - Argentine meetings. p. 46.
Gupta, A. - From the Ganges to the Volga. p. 48.
Letters to the editor. p. 50.
Latsis, Aleksandr. - The main thing was lacking. p. 53.
Brief news. p. 55.

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Soiuz sovetskikh pisatelei Ukrainy [Union of Soviet Writers of the Ukraine]. Kiev, vol. 6, no. 6, June 1956.

Table of contents translated:

Kudlevskii, Konstantin. - Outrunning the wind; a tale. p. 3.
Usachev, Petr. - Forest poem. p. 37.
Novitskii, Oleksa. - My Dnieper region; verse. p. 42.
Skomorovskii, Raf. - Severe years; a novel (continuation). p. 44.
Kireenko, Kastus'. - The gift; verse. p. 90.
Ryvlin, Arkadii. - From a new book; verse. p. 92.
Esel'son, P. - The sky is made of diamonds; a play. p. 94.
Krasovskii, Afanasii. - Three poems. p. 134.
Kravchenko, N. - In the corridors of science. p. 135.
Varlenov, Grigorii. - About this; literary notes. p. 153.

Bellaev, Vladimir. - A writer who brings joy; Evgenii Petrov. p.159.
Shutenko, D. - Teacher and mentor of Soviet writers; on the 20th anniversary of M. Gor'kii's death. p.167.
Donchenko, Oles'. - Love for children. p.173.
Book and periodical review:
Savchuk, A. - Stories about Transcarpathia. p.176.
Monastyrenko, G. - "On the hearts' strings." p.178.
Pulinets, A., Medrish, D. - Soviet youth. p.179.
Utevskaia, P. - "Among good people." p.181.
Litvin, Stepan. - "Working hands." p.183.
Pashchenko, Vadim. - Fighters for peace. p.184.
Bedzik, IUrii. - The spinner; a true fishing tale. p.186.
Ivanov, Vladimir. - Exposed; verse. p.191.
Podmaistrovich, V. - Dogmatists; verse. p.192.

Vol. 6, no. 7, July 1956.
Table of contents translated:

Kravtsov, A. - Kinfolk; a lyrical tale in verse. p. 5.
Zalata, Fedor. - The doctor; a story. p. 11.
IUshchenko, Oleksa. - Photo, On the banks of a mountain river, The "Lučnica" ensemble is performing; verse. p. 17.
Honcharenko, V. - On an autumn night; a story. p. 19.
Larin, Mikhail. - Song about my mother; verse. p. 28.
Skomorovskii, Raf. - Difficult years; a novel (conclusion). p. 30.
Seminskii, Vitalii. - Rereading notes taken at the conference. p. 109.
Ozernyi, Mark. - From the notes of a corn grower. p. 116.
Franko, Taras. - About my father. p. 124.
Lysenko, N. - My 38 days in America. p. 135.
Ravliuk, N. - Bring publishing closer to life. p. 146.
Kovalevskii, Vl. - Reconnaissance in the right direction. p. 152.
Dmyterko, Liubomir. - Henrik Ibsen; on the 50th anniversary of his death. p. 161.
Korsunskaia, S. - Bernard Shaw; on the 100th anniversary of his birth. p. 165.
Marakhov, G. - A glorious son of the party. p. 168.
Loziuk, N. - Man cannot struggle alone. p. 171.
Skorobogatov, V. - A life for the people. p. 173.
Markov, P. - The second book. p. 174.
Strashun, S. - Do not impair good publications. p. 176.
Vorob'ev, I. - Radical cure; a story. p. 177.
Granov, V. - Story about Violetta; verse. p. 181.
Lasuria, A. - The double-faced friend; verse. p. 181.
Notes. p. 183.

SOVETSKII KAZAKHSTAN [SOVIET KAZAKHSTAN]. Organ of Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, vol. 22, no. 6, June 1956.

Table of contents translated:

Kuz'min, N. - On the banks of the Krutoy IAr; a tale (to be concluded). p. 3.
Ergaliev, Kh. - Your river; a narrative poem (conclusion). p. 45.
Chirva, F. - Tale about a girl. p. 57.
Izmaikov, A. - Marina; a story. p. 67.
Dzhumagulov, M. - Wells in the desert; verse. p. 74.
Sedov, A. - Homecoming; verse. p. 76.
Smirnov, V. - It is not easy to go through life; verse. p. 78.
Krivenchenko, V. - The leader of the Borisovka Collective Farm; from a traveler's notebook. p. 70.
Aksel'rod, G. - Scouts move out ahead; from a journalist's notebook. p. 100.
Anov, N. - Encounters; an article. p. 110.
Nikolich, D. - That battle was won; an article. p. 114.
Mustafin, G. - Forward and higher; an article. p. 116.
Omelin, A. - Downfall of Caesar; a story. p. 120.
On the threshold of their anniversaries; verse. p. 122.
Seleznov, V. - About Matvetka and the kopeck; verse. p. 125.
Brief news of literature and art. p. 126.
New books. p. 128.

[PHOTOSTAT]

SVET NAD BAIKALOM [LIGHT OVER THE BAIKAL]. Organ of Soiuz pisatelei Buriat-Mongol'skoi ASSR [Association of Writers of the Buriat-Mongolian A.S.S.R.]. Ulan-Ude, no. 3, May-June 1956.

Table of contents translated:

TSyrenzhapov, D. - With us on the "Krasnyi Orongoi." p. 3.
Metelitsa, S. - On the bank of the Selenga. p. 11.
Plavinskii, A. - A new profession. p. 19.
Ivanova, E. - Yakut women hail the party; verse. Translated from the Yakut by A. Lavrik. p. 24.
Tugutov, I. - Brothers by choice; a novel (conclusion). p. 26.
TSydendambaev, Ch. - The cradle; verse. Translated from the Buryat-Mongolian by V. Kuznetsov. p. 69.
Zhimbiev, TS. - Hay mowing; a story. Translated from the Buryat-Mongolian by S. Metelitsa. p. 83.
Shagdin, TS. - The first year; a play. Translated from the Buryat-Mongolian by T. Bashkuev and A. Bal'burov. p. 91.
Han Yu. - A story about mamma. Translated from the Chinese by L. Roganov. p. 122.
Khlitukhin, D. - The titmouse's home; verse. p. 127.
Ulymzhiev, D. - Indestructible friendship of the Soviet and Mongolian peoples. p. 130.
Pavlov, G. - People's artist. p. 136.
Ellasov, L. - From the history of Buryat writing. p. 142.
Readers' opinions on the novel of Raisa Beloglazova. p. 150.
Survey of books. p. 153.
Cultural news. p. 155.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka radians'kykh pys'mennykiv Ukrainy [Association of Soviet Writers of the Ukraine]. Kiev, vol. 24, no. 7, July 1956. [In Ukrainian.]

Table of contents translated:

Kucher, Vasyl'. - Goodbye, sea; a novel (to be continued). p. 3.
Ryl's'kyi, Maksym. - From the cycle "Roses and grapes"; verse. p. 45.
Doroshko, Petro. - From the Rumanian cycle; verse. p. 48.
Sheremet, Mykola. - On Polish soil; verse. p. 52.
Katsnel'son, Abram. - From a new book; verse. p. 57.
Seashchenko, Ivan. - On the golden bridge; a story. p. 59.
Polianker, Hryhorii. - Lost happiness; a story. p. 71.
Orovets'kyi, Pavlo. - Road to the heart; a sketch. p. 83.
IAmpol's'kyi, Borys. - Stone rivers; a sketch. p. 91.
Poltorats'kyi, Oleksii. - Czechoslovakian diary. p. 100.
Rashchenko, Stepan. - My encounters with Marko Vovchok. p. 122.
Lysenko, Vasyl'. - Together with the people. p. 130.
Pyvovarov, Mykola. - The writer and social life. p. 135.
Kaspruk, Arsen. - Ivan Franko on literary work. p. 149.
Kundzich, Oleksii. - Art of literary translation in the Ukraine (conclusion). p. 158.
Vozniak, Mykhailo. - Mykhailo Pavlyk. p. 170.
Horbovets', Roksana. - Penetrate more deeply into the hero's soul. p. 181.
Fedorchuk, Mykola. - Good beginning. p. 193.
Vyshnevyi, Pavlo. - In our country's spaces. p. 195.
Brief news on culture and art. p. 198.
New books. p. 202.

Vol. 24, no. 8, Aug. 1956. [In Ukrainian.]

Table of contents translated:

Soshura, Volodymyr. - The word; verse. p. 3.
Novyts'kyi, Oleksa. - At Kryvorivna; verse. p. 3.
Luk'ianovych, Denys. - The great mason; excerpt from a tale. p. 5.
Levada, Oleksandr. - Last encounter; a play. p. 50.
Kucher, Vasyl'. - Good-by, the sea; a novel (continuation). p. 99.
Volyns'kyi, Petro. - Ivan Franko's poetic mastership. p. 120.
Hurzhii, Ivan. - Franko as the historian of working classes. p. 147.
Pil'huk, Ivan. - Shevchenko traditions in Franko's poetry. p. 160.
Stelmakh, Illia. - Pathos of the truth. p. 172.
Lysenko, Vasyl'. - New edition of "Danylo Halyts'kyi." p. 185.
Brief news on culture and art. p. 189.

ZHOVTEN' [OCTOBER]. Organ of Spilka radians'kykh pys'mennykiv Ukrainy [Association of Soviet Writers of the Ukraine]. Lvov, vol. 6, no. 7, July 1956. [In Ukrainian.]

Table of contents translated:

Voron'ko, Platon. - From the book "The Hucul land"; verse. p. 3.
Karpiuk, Mykola. - Autumn nights; a tale (to be concluded). p. 6.
Moliankevych, Dmytro. - To my heart, To my beloved, Word of honor; verse. p. 46.
Osmolova's'kyi, Viktor. - Style of Ivan Franko's satire. p. 48.
Sularko, Leonid. - Beyond the Oder; sketches from a trip abroad. p. 57
Mel'nychuk, IUrii. - Mykhailo IAtskiv. p. 66.
Bazyliva's'kyi, Mykola. - Mar'ian Krushel'nyts'kyi. p. 87.
Koval', Alla. - Stylistic characteristics of the language in Petro Panch's works. p. 94.
Pachovsk'kyi, Teokryst. - M. Konopnicka's works in translations into the Ukrainian. p. 102.
Losun, Vasyl'. - Poetry of national heroism. p. 100.
Pinchuk, Stepan. - Analyze literary style more profoundly. p. 109.
Chernets', Leonid, Hubar, Oleksandr. - Ascending the highlands; verse. p. 112.
Panchenko, Volodymyr. - Candid words about fidelity. p. 114.
Kolodii, Vasyl'. - Clear voice of youth. p. 115.
Lozyns'kyi, Ivan. - A great son of the Czech people. p. 118.
Rudnyts'kyi, Mykhailo. - Passionate defender of the ideals of peace and democracy. p. 122.
Brief news. p. 126.

ZNAMIA [THE BANNER]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 26, no. 7, July 1956.

Table of contents translated:

Inber, Vera. - Projected memorial; verse. p. 3.
Lebedev, Konstantin. - People and degrees; a novel. p. 4.
Slutskii, Boris. - New verse. p. 37.
Metter, I. - The director; a story. p. 41.
Vinokurov, Evg. - Youth; verse. p. 62.
Volynskii, Leonid. - Seven days; conclusion. p. 64.
Zluzin, Dmitrii. - On a military flight. p. 117.
Morozov, A. - Creative work. p. 144.
Facts and figures. p. 145.
Makarov, A. - Bard of courage and deed. p. 159.
Rogov, Vl. - Mao Tung. p. 174.
Doroshi, Efim. - Tale about a peasant boy. p. 183.
Virta, T. - In search of a way of life. p. 187.
Novikova, N. - A friendship between great peoples. p. 189.

Vol. 26, no. 8, Aug. 1956.

Table of contents translated:

Korostylev, Vadim. - From the book "North-south"; verse. p. 3.
Lebedev, Konstantin. - People and degrees; a novel (to be concluded). p. 5.
Pervomaiskii, Leonid. - Curator of the museum, The flower of Nikos Beloiannis; verse. Authorized translation from the Ukrainian by B. Irinin. p. 93.
Doris Lessing. - Little Tumby; a story. Translated from the English by IU. Mirskaia. p. 90.
IAshin, Aleksandr. - By the sea, On a birthday, To a lecturer; verse. p. 113.
Zluzin, Dmitrii. - On a battle course. (conclusion).
Boltin, E. - V.I. Lenin and the Soviet armed forces. p. 137.
Orinberg, I. - The personality of a poet. p. 151.
Svetov, F. - A dream. p. 100.
Ostrovskii, V. - Remarks on Indonesian literature. p. 164.
Tarasenkov, An. - The works of Il'ia Il'f and Evgenii Petrov. p. 179.
Pillar, I. - People of bold and generous thought. p. 184.
Fish, R. - A book about IAroslav Halan. p. 189.

ZVEZDA [THE STAR]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Leningrad, no. 7, July 1956.

Table of contents translated:

Einbaum, Fedor. - Night rounds; a story. p. 3.
Prokof'ev, Aleksandr. - Spring - summer; verse. p. 20.
Vailland, Roger. - Three hundred and twenty-five thousand francs; a novel. Translated from the French by Irina Erburg. p. 23.
Gordienko, IUrii. - In a jewelry store, Emel'ian Evseich; verse. p. 91.
Gatov, Aleksandr. - From a new book; verse. p. 94.
Grin, El'mar. - The other path; a novel. Book I (conclusion). p. 97.
Feliks Dzerzhinskii's letter; translated from the Polish by A. Gorskii. p. 144.
Dedkov, N. - Letters from Finland. p. 161.
Davina, V. - Meeting difficulties; notes on children's prose. p. 164.
Minchkovskii, A. - Nikolai Dement'ev's stories. p. 170.
Dedushkin, N. - A Chuvash poet and his translators. p. 180.
Prussakova, I. - Notes on Italian motion pictures. p. 182.
Solov'ev, Gr. - A book about the writer's work. p. 189.
Mournful notes. p. 190.

No. 9, Sep. 1956.

Table of contents translated:

Smirnov, Vasilii. - Discovery of the world; a tale. Book 2, Part 2 (continuation). p. 3.
Kustov, Pavel. - Bless the hard work and the name..., Experts, The little bird; verse. p. 72.
Poliakova, Nadezhda. - I grow with big hands, Tell me, mama, how noisy...; verse. p. 74.
Fonikov, Il'ia. - Below, sedge..., The snowstorm abated and grew still; verse. p. 75.
Kuznetsov, Viacheslav. - Autumn was like that..., It was so important for me, I, of course, envy my grandchildren; verse. p. 76.
Bolinov, Vadim. - What judges' see; a story. p. 78.
Panchenko, Pimon. - Stones, An incident while visiting, Father; verse. Translated from the White Russian by Vs. Rozhdestvenskii. p. 86.
Upenik, Mikola. - Alyazovskii's cliff, September; verse. Authorized translation from the Ukrainian by P. Zhur. p. 90.
Bonch-Bruevich, M.D. - All power to the Soviets. As told to Il'ia Kremlev. p. 91.
Metel'skii, G. - Birth of a giant. p. 114.
Levi, Carlo. - Words like stones; Sicilian sketches. Translated from the Italian by G. Rubtsova. p. 124.
TSimbal, S. - Comments from a theater notebook. p. 130.
Gozenpud, A. - Successes and hindrances. p. 146.
Krasovskaia, V. - Workdays of the Leningrad ballet. p. 152.
Dneprov, V. - The theory of the novel. p. 160.
Ninov, A. - Artistic truth; polemical notes. p. 173.
Lebedeva, K. - Difficult path. p. 182.
Glikman, I. - The beginning of a creative career. p. 186.
Uksusov, Ivan. - Against cliché and oversimplification. p. 188.
Literary parodies. p. 188.
Mournful notes. p. 190.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz sovetskikh pisatelei Uzbekistana [Association of Soviet Writers of Uzbekistan]. Tashkent, vol. 24, no. 6, June 1956.

Table of contents translated:

Tashenov, Dzh. - Military friends; a tale. Translated from the Kirghiz by Vladimir Mil'chakov. p. 3.
Soitov, Kh. - Moscow, Khamza, Doughters; verse. Translated from the Kirghiz by G. Nekrasov. p. 50.
Dosanov, Karmys. - Our summer; verse. Translated from the Kirghiz by N. Grebnev. p. 53.
Volgin, S. - Police Lieutenant Viazov; a tale (conclusion). p. 54.
Galimov, R. - From a new book; verse. p. 100.
Normatov, Adyl. - The law of collective farm life. p. 106.
Alaviia, Muzat'iana. - Folk chastushki of Uzbekistan. p. 111.
Likhodzievskii, S. - A new tale by G. Gol'shin. p. 117.
Vyzgo, T. - Uzbek music in 1955. p. 120.
In the magazine "Shark iulduzi." p. 126.

## 12. GEOGRAPHY & GEOLOGY

### a) ETHNOLOGY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Abkhazskii institut iazyka, literatury i istorii, Sukhumi. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Abkhazian Institute of Language, Literature, and History, Transactions]. Sukhumi, no. 25, 1954. [In Russian and Georgian.]

Table of contents translated:

Lomtatidze, K. V. - Historical unity of demonstrative pronouns and adverbs of place in the Abkhazian language [in Abkhazian with summary in Russian]. p. 3.
Rogava, G. V. - Genesis of the third person affix in the Abkhazian and Old Georgian languages. p. 9.
Dgazhba, Kh. S. - N. S. Dzhanashia; a biographical and bibliographical sketch. p. 13.
Antelava, I. G. - Land crisis of crown peasants in 1830-1860's. p. 29.
Dzidzariia, G. A. - Nineteen hundred and seventeen in Abkhazia. p. 84.
Olonetskii, A. A. - Peasant reform of 1870 in Abkhazia. p. 123.
Trapsh, M. M. - Ground graves with a Colchian-type inventory in Kulanurkhva village. p. 174.
Inal-Ipa, Sh. D. - Matriarchal-tribal system in Abkhazia. p. 213.
Gulia, D. I. - Soviet Abkhazian folk poetry. p. 271.
Mandzhgaladze, A. I. - Structure of some nominal roots ending in the vowel "a" in the Georgian language [in Abkhazian]. p. 277.
Shinkuba, B. V. - Nominal roots-proverbs in Abkhazian verbs. p. 295.
TSikolitia, M. M. - Phonetic survey of the Samurzakan-Zugdid branch of the Mergel dialect [in Abkhazian]. p. 323.
Anchabadze, Z. V. - Problems of Abkhazian history in Academician S. N. Dzhanashia's works. p. 347.
Delba, M. K. - The idea of friendship among nations in D. I. Gulia's works. p. 358.
Trapsh, M. M. - Marble bas-relief from Sukhumi. p. 372.

No. 26, 1955.

Table of contents translated:

Dzidzariia, G. A. - Antifeudal peasant revolts in prereform Abkhazia. p. 3.
Antelava, I. T. - Taxes and duties of Georgian crown peasants before the introduction of a new tax system in 1843-1845. p. 23
Olonetskii, A. A. - Tobacco growing was the main branch of commodity agriculture in prereform Abkhazia and in the beginning of the 20th century. p. 85.
Zhgenti, T. I. - Formation of the Lenin collective farm in Okumi village, Gali District, Abkhazian S. S. R. and its organizational and economic condsolidation (1931-1940) [in Abkhazian]. p. 133.
Inal-Ipa, Sh. D. - Rearing children according to the "atalychestvo" (fosterage) custom among the Abkhazians. p. 155.
Akaba, L. Kh. - Marriage and wedding ceremonies among the Abkhazians. p. 205.
Trapsh, M. M. - Brief report on the results of archaeological explorations in Sukhumi in 1952. p. 219.
Bgazhba, Kh. S. - The Abkhazian heroic epic. p. 233.
Bgazhba, Kh. S. - From the history of Abkhazian literature [in Abkhazian]. p. 249.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut istorii. Materialy po etnografii Gruzii [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Institute of History. Materials on the Ethnography [Institute of Georgia]. Tiflis, no. 7, 1955. [In Georgian]

Table of contents translated:

Chkonia, I. V. - New life on the Kuibyshev Collective Farm at Shilda, Kvareli District. p. 5.
Ochiauri, T. A. - New types of dwellings in Khevsuria [with summary in Russian]. p. 31.
Chkhikvadze, G. Z. - The musical instrument "ebani." p. 51.
Gardapkhadze-Kikodze, F. - Materials on the Lechkhumi trunk "skivri" [with summary in Russian]. p. 65.
Chitaia, G. E. - Observations on aspects of general ethnography. 1. The concept "culture." p. 75.
Robakidze, A. I. - Bee culture in Svanetia. p. 85.
Topuriia, N. S. - Materials on the history of viticulture and wine making in Georgia- "marani" [with summary in Russian]. p. 131.
Katsadze, A. - Materials on the history of sheep raising in Georgia [with summary in Russian]. p. 167.
Rukhadze, Dzh. A. - Georgian ceremonial masks connected with agriculture [with summary in Russian]. p. 191.
Mamaladze, T. S. - The Kartalinian-Kakhetian song "urmuli" [with summary in Russian]. p. 199.
Ochiauri, T. A. - From Khevsurian mythology (the "wooden shovel") [with summary in Russian]. p. 223.
Chachashvili, G. A. - History of the people's government in Khevsuria (Shatili "sapekhno"). p. 233.

### b) GEOGRAPHY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut geografii. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Institute of Geography. Transactions]. Tiflis, vol. 1, 1947. Vakhushti kak geograf 1696-1784 [Vakhushti as a geographer, 1696-1784. In Georgian].

Table of contents translated:

From the editor. VII.
Dzhavakhishvili, A. N. - Vakhushti Bagrationi, famous Georgian geographer. p. 1.
Dzhibladze, I. E. - Morphographic concepts of Vakhushti. p. 25.
Kordzakhia, M. O., Chirakadze, G. I. - The climate of Georgia according to the works of Vakhushti. p. 35.
Shakarishvili, I. N. - Geographic descriptions in Vakhushti's works "Description of the Kingdom of Georgia. p. 45.
Kotskhoveli, N. N. - Vegetation cover of Georgia according to Vakhushti. p. 61.
Dzhanashvili, A. - Fauna of Georgia according to Vakhushti Bagrationi. p. 77.
Dondua, D. D. - Vakhushti's "Description of the Kingdom of Georgia" and the geographic role in its economic data. p. 87.
Nizharadze, N. E. - Population of Georgia according to Vakhushti. p. 115.
TSkhakaia, S. G. - Geographical atlases of Georgia compiled by Vakhushti. p. 127.
Gokhtman, G. N. - Famous Russian and Georgian geographers of the eighteenth century: M. V. Lomonosov, V. N. Tatishchev, Vakhushti Bagrationi, and Sulkhan-Saba Orbeliani. p. 141.

Vol. 3, part 2, 1948. Fiziko-geograficheskaia seriia [Physical Geographical Series]. [In Georgian.]

Table of contents translated:

Shakarishvili, I. N. - History of the study of waters of Georgia. p. 1.
Kikilashvili, T. Z. - Hydrographic description of rivers of Georgia. p. 51.
Vladimirov, L. A. - Flow regime of rivers of Georgia. p. 83.
Kikilashvili, T. Z. - Glaciers of Georgia. p. 115.
Nuisubidze, T. I. - Lakes of Georgia. p. 137.
Nuisubidze, T. I. - Swamps of Georgia. p. 153.
Vladimirov, L. A., Shakarishvili, I. N. - Division of Georgia into hydrological regions. p. 161.

AKADEMIIA NAUK SSSR. Institut geografii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Geography. Transactions]. Moscow, no. 67, 1956. Raboty Tian'shanskoi fiziko-geograficheskoi stantsii [Work of the Tien Shan physical geographical station], no. 5.

Table of contents translated:

Foreword. p. 3.
Rantsman, E. IA. - Types of relief of the mountainous framework of the Issyk-Kul Basin in connection with the most recent structures. p. 5.
Iveronova, M. I. - Some regularities of the distribution and conditions of snow cover in the forest-meadow-steppe zone of the Terskei Ala-Tau slopes. p. 11.
Glazovskaia, M. A. - Formation of fine-grained accumulations in tali and alluvium fans in the mountain forest zone of the Terskei Ala-Tau. p. 37.
Lisichok, E. N. - Movement of unconsolidated material on the Say May-Kolot slopes. p. 54.
Avsiuk, G. A. - Temperature of ice in glaciers. p. 63.

Vol. 68, 1956. Materialy po geomorfologii i paleogeografii SSSR [Materials on the geomorphology and paleogeography of the U. S. S. R.], no. 15.

Table of contents translated:

Foreword. p. 3.
Nefed'eva, E. A., Khmeleva, N. V. - Study of eroded forms of the relief by the experimental method. p. 5.
Belevich, E. F. - Structure of the Volga Delta shore line. p. 37.
Egorov, E. N. - Some feature of the dynamics of offshore shallows accumulation. p. 54.
Korzhuev, S. S., Timofeev, D. A. - Fluvial beach ridges and the role of river ice in forming their microrelief (rivers of southern Yakutia). p. 69.
Gnilovskoi, V. G. - Formation of the river network in the Ciscaucasian plains. p. 96.
Gorelov, S. K. - Recharting of the hydrographic network off the Volga right bank from Saratov to Kamyshin. p. 114.
Batyr, V. V. - Morphology of the middle Volga right bank in connection with the creation of the Kuybyshev Sea. p. 125.
Dumitrashko, N. V. - Problem of the origin of Baikal and glaciation of the Baikal region. p. 129.
Zenkovich, V. P. - Observations on the absolute rate of abrasion of the Crimean shore line. p. 147.
Longinov, V. V. - Main conditions and problems in the study of the dynamics of marine shore lines. p. 166.

AKADEMIIA NAUK SSSR. Morskoi gidrofizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Marine Hydrophysical Institute. Transactions]. Moscow, vol. 7, 1956.

Table of contents translated:

Turlygin, S. IA., Korneva, L. A. - Contact electrodes for measuring electrical current and voltage in the ocean. p. 3.
Turlygin, S. IA., Karelina, N. A. - Nonpolarizing diffusion electrodes for measuring weak currents occurring in any medium. p. 15.
Korneva, L. A. - Electromotive force induction in wires while measuring electric currents in the ocean. p. 27.
Korneva, L. A. - Plotting and analyzing maps of an anomalous geomagnetic field. p. 32.
Korneva, L. A. - Making scale models of a geomagnetic field. p. 41.
Dmitriev, A. A., Bonchkovskaia, T. V. - Laboratory apparatus for studying wave motion of fluids. p. 67.
Dmitriev, A. A., Bonchkovskaia, T. V. - Characteristics of wave motions in a channel having an underwater baffle. p. 72.
Dmitriev, A. A., Bonchkovskaia, T. V., Kalinina, T. A. - Change of meteorological elements during a solar eclipse. p. 93.
Korneva, L. A. - The third type of atmospheric thermal process. p. 120.
Byzova, N. L. - Development of air temperature over ocean currents. p. 126.
Lutkovskii, S. V. - Development of ocean temperature in shallow water during the period preceding sheet-ice formation. p. 135.
Timofeeva, V. A. - Heliostat with a large mirror. p. 153.
Kovalevskaia, L. A. - Power dynamics of a moving fish. p. 161.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Izvestiia [GEOGRAPHIC SOCIETY OF THE U. S. S. R. Bulletin]. Moscow, vol. 88, no. 3, May-June 1956.

Table of contents translated:

Lamakin, V. V. - Mobility of Lake Baikal shore lines. p. 221.
Baranov, I. V., Shpaikher, A. O. - Change of some elements of hydrological conditions in the Baltic Sea. p. 239.
Rozen, M. F. - Unconsolidated deposits and the history of relief formation of the western Altai. p. 251.
Chernysheva, A. F. - Specialization and the distribution of stock raising in the Chelkar-Irgiz region. p. 262.
Ziman, L. IA. - Abandonment of farm lands in the U. S. A. p. 271.
Konstantinov, O. A. - Some urgent problems of Soviet geography. p. 280.
Arkhangel'skii, A. M. - The limit of the Valdai glaciation in the Russian Plain. p. 280.
Vilenkin, V. L. First geographical data on Ossetia and the Sadon polymetallic deposit (before the beginning of the 19th century). p. 292.
Subbota, M. I. - Potholes in the Belaya River in the Caucasus. p. 295.
Laktionov, A. F. - Bottle-borne message from the icebreaker "Taymyr." p. 302.
Zamorskii, A. D. - "Regulations for hydrometeorological stations and posts." p. 303.
Shaskol'skii, I. P. - "Journeys of Russian emissaries during the 16th-17th centuries." p. 305.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 19, no. 3, May-June 1956.

Table of contents translated:

Stroev, K. F. - Twentieth Congress of the Communist Party of the Soviet Union and problems of geography teaching. p. 1.
Freikin, Z. G. - Kara-Kum Canal. p. 6.
Darinskii, A. V. - A trip to Yugoslavia. p. 13.
Semevskii, B. N. - Geography in the secondary schools of Yugoslavia. p. 25.
Samoilov, I. I. - Study of industrial communications in an economic geography course. p. 29.
Raush, V. A. - Notebook work in geography. p. 34.

D 13b - c

Frish, V.A. - Some problems of excursion activities in schools. p. 40.
Kalmykova, V. - Soil science excursions in secondary schools. p. 43.
Aleksandrovskii, V.A. - Excursion to a hydro development. p. 48.
Kaftuin, A.N. - Study of one's own district. p. 51.
Rutkovskii, O.O. - An aerial excursion. p. 62.
Laptev, S.R. - Exchange excursions as a form of extracurricular activity. p. 64.
Krukovskii, I.V. - Geographic excursions and trips. p. 65.
Macheret, I.B. - Use of photography by geography teachers. p. 67.
Serova, K.I. - Geography meeting on the subject "Study and exploitation of the Arctic." p. 68.
Geographic news Items:
In the Soviet Union. p. 60.
Abroad. p. 65.
Brief news. p. 70.
Bibliography. p. 71.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, Mar. 1956.
Contents:
[Abstracts] Referaty 4854-7037. 262 p.

No. 8, Aug. 1956.
Contents:
[Abstracts] Referaty 10106-10438. 270 p.

VOKRUG SVETA [AROUND THE WORLD]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 6, June 1956.
Table of contents translated:
Great movement to the East; materials on the discussion with professor V.F. Vasiutin. p. 1.
Semenov, A. - City on the Okhotsk Sea. p. 6.
Mystery of "Maria Celesta." p. 9.
Assault of the ice continent; discussion with G. A. Avsiuk, doctor of geographical sciences. p. 13.
Pavlov, N. - Submarine world. p. 17.
IUr'ev, Georgii. - The Kafirs. p. 21.
Terror of poisonous snakes, Junnilu. p. 23.
Kozhevnikov, Savva. - River over the earth. p. 24.
Kotov, A. - Ten days in Canada. p. 29.
Koroteev, N. - The "Sable" operation. p. 33.
Arkhangel'skaia, O. - Through Carpathian forest trails. p. 38.
Popovskii, A. - Australian aborigines in the Black Sea region. p. 40.
Popkov, IU. - Dogorodskoye toys. p. 44.
Gallegos, Romulo. - Canaima; a novel. p. 46.
Myshkov, A. - Acquaintance with Liberia. p. 54.
Marikovskii, P. - One-legged jumper. p. 57.
Nemonov, N. - Loon hunting. p. 58.
Kozhukhova, O. - Indian suite. p. 60.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY]. Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U.S.S.R.]. Moscow, no. 38, 1956.
Geografiia gorodov [Geography of cities].
Table of contents translated:
Foreword. p. 3.
Maergoiz, I.M. - Study of cities from the point of view of economic geography. p. 5.
Davidovich, V.G. - Typology of settling in groups of cities and small villages of the U.S.S.R. p. 27.
Konstantinov, O.A. - City settlements of the Urals. p. 78

...lems of the economi-

p. 160.
...traction for

- Study
R.

## C) GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut geologii i uchenykh zapisok. Moscow [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of Geology and Mineralogy. Memoirs]. Tiflis, vol. 3, 1949.
Title translated:
Gamkrelidze, P.D. Geological structure of the Adzhar-Trialet fold system. 508 p.
Title transliterated: Gamkrelidze, P.D. Geologicheskoe stroenie Adzharo-Trialetskoi skladchatoi sistemy. 508 p.

AKADEMIIA NAUK SSSR. Institut fizicheskoi geografii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Geophysics. Transactions]. Moscow, vol. 3, 1947.
Table of contents translated:
Lyubtsov, E.N. - Geologic significance of different methods for computing gravity anomalies. p. 3.
Belousov, V.V. - Conditions for the formation of the morphous folding. p. 46.
Popov, A.D. - The role of movements of the earth's crust in the formation of underground water beds of bearing strata and in gas deposits of the Volga Valley. p. 68.
Kirillova, I.V. - Mechanical interpretation of folding. p. 85.
Shmerman, D.L. - Application of the theory of elasticity to geological modeling. p. 94

AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vol. 1, [1948].
Table of contents translated:
Foreword. p. 5.
Prikhonskii, V.A. - Life and work of academician F.P. Savarenskii. p. 9.
Savarenskii, F.P. - Some data on chemical composition in the upper reaches of the Volga, Moscow, and Oka Rivers. p. 19.
Vinogradov, A.P. - Dispersion of chemical elements in underground waters of varied origin (the significance of proportionality coefficients). p. 33.
Ovchinnikov, A.M. - Recent status of the problem concerning the formation of underground water. p. 56.
Makarenko, F.A. - Some results of studying underground flow. p. 51.
Makarenko, F.A. - Underground feeding of rivers. p. 67.
Silin-Bekchurin, A.I. - Effect of undulations of the earth's crust in the region of the Volga-Ural lowland on the formation of underground flow and salt pools. p. 73.
Afanas'ev, T.P. - Main features of the hydrogeology of the middle Volga Valley. p. 88.
Prikhonskii, V.A. - Some regularities in the formation of ground waters in arid regions. p. 97.
Zonn, S.V. - Formation of the chemical composition of ground waters in irrigated regions. p. 113.
Ilunaev, A.N., Kharitonova, L.P. - Reduction of Krainka spring water sulfates in hydrogen atmosphere. p. 121.
Slavianov, N.N. - Zheleznovodsk mineral springs and methods of increasing mineral water resources. p. 132.
Slavianov, N.N. - The capping and history of the Yutsa mineral spring. p. 154.
Makarenko, F.A. - Geothermal conditions in the Caucasian mineral water region. p. 171.
Tageeva, N.V. - Mineral waters of Dabernasar (Lalu) in Armenia. p. 212.
Fomichev, M.M. - Chokrak hydrogen sulfide springs. p. 231.
Gordeev, D.I. - M.V. Lomonosov's opinion of underground water. p. 253.
Gordeev, D.I. - Academic expeditions of the second half of the 18th century and their role in the development of hydrogeological knowledge in Russia. p. 246.
Slavianov, N.N. - ...memory of Nikolai Fedorovich

...mory of Aleksandr Pavlovich

...Sovet po seismologii. Biulleten' ...ET OF THE U.S.S.R. Council ...]. Moscow, no. 1, 1953. Ma... ...ii v Stalinabade, 1953 g. [Ma... ...meeting in Stalinabad, 1953]. ...is translated: ...ory. p. 3.

...esent state and prospects in ...e prediction. p. 7. ...e seismicity of the Tajik S.S.R. ...stitute of Seismology of the ...of the Tajik S.S.R. on the ...e prediction. p. 15.

...
...
...
...
...
...
...
...
...
...
...
...

...
...
...
...
...
...
...
...
...
...
...

No. 3, 1956.

Table of contents translated:

Baranov, V. I., Ronov, A. B., Kunashova, K. G. - Geochemistry of scattered thorium and uranium in clays and carbonaceous rocks of the Russian Platform. p. 3.
Tauson, L. V. - Geochemistry of uranium in granitoids of the Chernovo Range (Gorno Altai). p. 9.
Khitarov, N. I., Malinin, S. D. - Experimental characteristics of components in the system: $H_2O$ - $CO_2$. p. 18.
Teis, R. V. - Isotopic oxygen content in natural sulfates. p. 28.
Florenskii, K. P. - Relation of inert gases to nitrogen in natural gases. p. 33.
Tugarinov, A. I., Zykov, S. I. - Age and geochemical characteristics of lead ores in the Ukraine. p. 42.
Dmitriev, L. V. - Chemical characteristics of granite crystallization in the main intrusion of the Kalba Range. p. 50.
Shcherbina, V. V. - Geochemical importance of the quantitative Ag/Au ratio. p. 65.
Ginzburg, A. I. - Certain characteristics of tantalum geochemistry and types of tantalum mineralization. p. 74.
A. V. - Organization of geochemical societies in the West. p. 84.
Krasnikov, V. I. - All-Union conference on geochemical methods in prospecting for ore deposits. p. 84.
Baranov, V. I. - Fifth session of the Committee on determining the absolute age of geological formations. p. 86.
Shcherbina, V. V. - "Materials for the study of secondary uranium minerals in France [in French], J. Cherwet, G. Branche. p. 87.

GEOLOGICHNYI ZHURNAL [GEOLOGICAL JOURNAL].
Issued by Instytut geologichnykh nauk Akademii nauk Ukrains'koi RSR [Geological Institute of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 16, no. 2, 1956. [In Ukrainian.]

Table of contents translated:

Bondarchuk, V. H. - Tectonics of greater Donets Basin and the origin of trenchlike faults of platforms. p. 3.
Burkser, IE. S., Kotlova, F. I. - Argon method for determining the absolute age of rocks. p. 13.
Babynets', A. IE., Rad'ko, N. I. - Minor elements in mineral waters of the southern slope of the Soviet Carpathians. p. 21.
Chernets'kyi, I. P. - Upper Cretaceous deposits in the northern region of the Dnieper-Donets Lowland between the Desna and Psel Rivers. p. 30.
Kraieva, IE. IA. - Some data on the mouth evolution in species of the genus Siphonina. p. 44.
Ishchenko, D. I. - Carbonates of the upper series of Krivoy Rog. p. 51.
Ladlieva, V. D. - Some chlorites from the metamorphic complex of the Konka magnetic anomaly. p. 64.
Venhlins'kyi, I. V. - Middle Sarmatian deposits in Transcarpathian Province. p. 60.
Dolenko, H. N., Vitryk, S. P. - Profile of menilitic deposits of the Dolina structure. p. 65.
Sokolova'kyi, I. L. - Some characteristics of loess in the Molochnaya Valley. p. 69.
Radzlieva'kyi, V. I. - Division of the Vinnitsa region of the Dniester Valley into geomorphological districts. p. 74.
Lebedlev, T. S., Kravets', V. V. - P. T. Pasal'e'kyi, outstanding scientist and geophysicist of the latter part of the 19th century. p. 78.
Burkser, IE. S. - "Radiometry." V. I. Baranov. p. 80.
Burkser, IE. S., Frolov, N. - "Mineral waters of the Moldavian S. S. R." Kh. A. Nikohosian. p. 80.
Semenenko, M. P. - Problems of pre-Cambrian deposits at the meeting on Siberian stratigraphy. p. 82.
Klymenko, V. IA. - Results of the scientific industrial meeting on the problem of oil- and gas-bearing capacity of the Ukrainian S. S. R. p. 86.
Balynets', A. IE. - First meeting on geothermal research in the U. S. S. R. p. 89.
Chebanenko, I. I. - Second meeting in astrogeology. p. 92.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Materialy [ALL-UNION GEOLOGICAL INSTITUTE. Materials]. Moscow, no. 9, 1955. Materialy po geologii i poleznym iskopaemym [Materials on geology and mineral resources], no. 2. Chetvertichnaia geologiia, geomorfologiia, stratigrafiia i paleontologiia [Quaternary geology, geomorphology, stratigraphy, and paleontology].

Table of contents translated:

Foreword. p. 3.
IAkovlev, S. A. - Moraines in the upper Kama Lowland. p. 9.
Boch, S. G. - Geomorphology of a relief composed of large knolls. p. 19.
IAkovleva, S. V. - Role of glacial boulders in understanding the geological structure of the bottom of water basins (concerning the probable deposits of Jotnian sands on the bottom of Lake Ladoga). p. 35.
IAkovleva, S. V. - Well regulated distribution of boulders in strata of basic moraines. p. 40.
Del'govskii, G. L., Vasilevskaia, E. D. - New data on the stratigraphy and tectonics of Paleozoic deposits in the middle course of the Bukhtarma River. p. 49.
Chermysheva, N. E. - Stratigraphy and occurrence of the Barylayan series (lower Cambrian) in the southern and eastern edges of the Siberian Platform. p. 56.
Bel'kova, L. N., Ognev, V. N. - Stratigraphy of Paleozoic strata of southwestern Altai. p. 65.
Balakhmatova, V. T., Lipman, R. Kh. - Stratigraphic correlation of Devonian, upper Jurassic, Cretaceous, and Tertiary deposits based on the microfaunal study of the Baraba reference well 1-R. p. 70.
Lipman, R. Kh., Romanova, V. I. - Stratigraphic correlation of upper Jurassic, Cretaceous, and Paleogenic deposits based on the microfaunal study of the Tyumen reference well 1-R. p. 86.
Bobkova, N. N. - Discovery of radiolids in Senonian deposits of the western section of the Tajik Depression. p. 114.
Meleshchenko, V. S., Novozhilov, N. I. - Significance of Phyllopoda in the stratigraphy of Devonian deposits of intermontane depressions in the Sayan-Altai folded region. p. 120.
Mikhukho-Maklai, K. V. - Age of some conglomerate strata in the Northern Caucasus. p. 127.
Brik, M. I., Kopylova, E. A., Turutanova-Ketova, A. I. - Some Mesozoic ferns and their spores of the southwestern Ural Mountain region. p. 131.
Glazunova, A. E. - Study of Cretaceous ammonites of the West Siberian Plain. p. 179.
Ovechkin, N. K. - Some common or related species of Gasteropoda from the Paleogene of Fergana, the northern Aral Sea region, and the Turgai Gates. p. 196.
Rzhonsnitskaia, M. A. - Stratigraphic significance of genera of Spiriferidae in Devonian deposits of the U. S. S. R. p. 207.
Pcholintseva, G. T. (Petrova). - New Aucellidae of the upper Triassic and the lower Jurassic in the Far East. p. 211.
Kulikov, M. V. - Inheritance of acquired characteristics by organisms. p. 222.

L'VOVSKOE GEOLOGICHESKOE OBSHCHESTVO. Mineralogicheskii sbornik [LVOV GEOLOGICAL SOCIETY. Mineralogical Review] Lvov, no. 9, 1955.

Table of contents translated:

Belov, N. V. - Notes on structural mineralogy. p. 3.
Mikheev, V. I., Shafranovskii, I. I. - Edge forms of crystals. p. 15.
Gnevushev, M. A. - Origin of inversely parallel triangular pits on faces of diamonds. p. 25.
Vartanova, N. S., Zolotukhin, V. V. - Optical orientation of atlanite. p. 31.
Lebedev, V. I. - Distribution of elements in the earth's crust and hypotheses on the origin of the earth. p. 39.
Sobolev, V. S. - Role of pressure in the formation of minerals. p. 50.
Kaliuzhnyi, V. A. - Liquid inclusions in minerals as a geological barometer. p. 64.
Dolgov, IU. A. - Peculiarities of the origin of high temperature quartz. p. 86.
Grum-Grzhimailo, S. V., and others. - Curves of absorption spectra and other physical constants of natural micas. p. 90.
Piotrovskii, G. L. - Karpatite, a new organic mineral from the Transcarpathian region. p. 120.
Liakhovich, V. V. - New varieties of wiluite. p. 126.
Bazhenova, L. N. - Microcline in pegmatites from the western Azov region. p. 146.
Serdiuchenko, D. P. - Sepiolites, palygorskites, and attapulgites. p. 150.
Polovinkina, IU. Ir. - Mineralogical peculiarities of rocks from the village of Pokrovskoye, caused by sodium metasomatism. p. 172.
Slivko, M. M. - Tourmalinization in pegmatites. p. 191.
Sidorenko, E. F. - Melantorite from Transcarpathia. p. 196.
Gershoig, IU. G. - Origin of Krivoy Rog ores. p. 200.
Fedorchenko, V. S. - Origin of "red" ores of the Krivoy Rog Basin. p. 210.
Porederiev, V. A. - Isotopic composition of oxygen in pyrolusites, manganites, and psilomelanes from the Nikopol' region. p. 221.
Smirnov, G. I. - Mineralogical characteristics of altered rocks in the Berogovo region of Transcarpathia. p. 226.
Kariakin, L. I., Platikop, P. D. - Formation of magnesian spinel from chromite during heating in a reducing medium. p. 240.
Alent'ev, A. A., Korovnichenko, G. M. - Characteristics and formation of merwinite in synthetic magnesian masses. p. 260.
Chirvinskii, P. N. - Methods of obtaining quantitative characteristics of aggregates. p. 260.
Povarennykh, A. S. - Formula for calculating the specific gravity of simple substances. p. 280.
Chesnokov, B. V. - Method of drawing thin sections. p. 284.
Ivanitskii, T. V. - Replacement of minerals. p. 286.
Linetskaia, L. V. - Secondary modifications in menilitic slates of the Carpathian region. p. 289.
IAsinskaia, A. A. - Color of sphalerite. p. 293.
Giller, IA. L. - X-ray characteristics of certain organic minerals. p. 296.
Martynova, S. S. - Amethyst in the weathering zone of Volhynian basalts. p. 300.
Griaznov, V. I. - Nikopol' inosite - composite systems of isomorphic compounds (Mn, Ca) $CO_3$. p. 303.
Vertushkov, G. N. - Minerals from mammoth tusks. p. 309.
Gorzhevskii, D. I. - Discovery of the rare mineral zinkenite. p. 313.
Lazarenko, E. K. - Discovery of barite in quartz-carbonate veins of the Nagol'nyy ridge of the Donets Basin. p. 314.
Sobolev, V. S., Spitkovskaia, S. M., Epshtein, R. IA. - Primary magmatic garnet (almandite) in dacites of the Transcarpathian region. p. 316.
Slavskaia, A. I. - Artinite in microgranites of Transcarpathia. p. 319.
Stronskaia, O. N. - Inclusions in quartz of northwestern Volhynia. p. 321.
Shendereva, A. G. - Chromium containing dravite of the Krivoy Rog region. p. 324.
Merlich, B. V., Spitkovskaia, S. M. - Hatchettine from Transcarpathia. p. 326.
Bazhenova, L. N. - Galmite from pegmatites of the western Azov region. p. 330.
Belevtsev, IA. N., Akimenko, N. M., Zhilkinskii, S. I. - Scientific activity of N. P. Semenenko. p. 335.
Rodionov, S. P. - Vladimir Gavrilovich Bondarchuk. p. 330.
Sobolev, V. - IUlita Irinarkhovna Polovinkina. p. 344.
Ansheles, O. M. - First results of the discussion on the nature of rounded forms of diamonds. p. 340.
Frank-Kamenetskii, V. A. - Crystalline structure of palygorskites. p. 359.
Tanatar, I. I. - Kh. M. Abdullaev's book "Genetic affinity of mineralization with granitoid intrusions." p. 366.
Bezsmertnaia, M. S. - T. N. Shadlun's article "Some characteristics of the internal structure of grains in pyrite deposits." p. 374.
Povarennykh, A. S. - "Principles of mineralogy" [in Italian]. p. 379.
Maksimenko, F. F. - Literature on the mineralogy of the Ukraine for 1954. p. 384.
Vladimir Vasil'evich Arshinov; obituary. p. 400.
Petr Nikolaevich Chirvinskii; obituary. p. 401.
Ol'ga Mikhailovna Shubnikova; obituary. p. 404.
Conference on the mineralogy of sedimentary deposits. p. 407.
Resolutions of the first conference on the mineralogy of sedimentary deposits. p. 409.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Records]. Moscow, vol. 85, no. 2, 1956.

Table of contents translated:

Towards the solution of great tasks. p. 129.
Nikolaev, V. A. - Introductory address at the annual meeting of the All-Union Mineralogical Society, February 16, 1956. p. 131.
Grigor'ev, D. P. - On the occasion of the 80th birthday of professor František Slavík. p. 135.
Bokii, G. B., Batsanov, S. S. - Chemical characteristics of oxysilicates and their position among other silicates. p. 137.
Grigor'ev, D. P. - Recrystallization of minerals. p. 147.
Shafranovskii, I. I., Moklevskii, V. A. - Growth conditions, geometry, and symmetry of skeletal crystals. p. 171.
Kazitsyn, IU. V., Aleksandrov, G. V. - Arrangement of patterns of crystalline structural nets and the projection of structures on planes of an arbitrary crystal. p. 197.
Nemilova, A. V. - Synthesis of diamonds. p. 202.
Tatarskii, V. B. - Determination of the number of plagioclase by immersion method. p. 204.
Piotrovskii, G. L. - New method of studying carbonates with the aid of organic dyes. p. 208.
Al'bov, M. N. - Possible origin of platinum in quartz veins. p. 212.
Frantskaia, E. V. - Internal structure of pyrites in gold ore deposits in eastern Transbaikalia. p. 216.
Melankholin, N. M. - Colors of amphiboles. p. 218.
Vertushkov, G. N., IArosh, P. IA. - Black chrysolite-asbestos and its transformation into light colored chrysolite-asbestos. p. 224.
Firsov, L. V. - Occurrence of albite in gold-bearing quartz bodies. p. 228.
Vinogradskaia, G. M. - Schistose banded dunite-peridotite. p. 232.
Distanov, U. G. - Some problems of immersion methods of studying terrigenous sedimentary rock. p. 236.
Korzhinskii, A. F. - Some phenomena associated with the circumvein change of skarn of the Gumboyka region in the Southern Urals. p. 241.
Shafranovskii, K. I., Sorkin, A. M. - Problems in complete bibliography of E. S. Fedorov's works. p. 247.
Ansheles, O. M. - Discussion on the characteristics of round diamonds. p. 250.
Bendeliani, A. E. - I. G. Magak'lan's book "Ore deposits" (industrial types of metallic mineral deposits). p. 252.
Manuilova, N. S. - More on the origin of Dzhezkazgan deposits. p. 254.
Kadenskii, A. A., Serdiuchenko, D. P. - "Ultrabasites of the Greater Caucasus." p. 255.
Rozhkova, E., Sobolev, N. - Vladimir Vasil'evich Arshinov; obituary. p. 259.
Smol'laninov, N. A. - Ol'ga Mikhailovna Shubnikova; obituary. p. 262.
Critsenko, G. S. - Geological sections of exhibits in Geneva and Delhi. p. 265.
Solov'ev, S. P. - Report on the activity of the All-Union Mineralogical Society during 1955. p. 269.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Uzbekistanskoe otdelenie. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Uzbekistan Branch. Records]. Tashkent, no. 7, 1955. [Adornaia teoriia razvitiia zemnoi kory i voprosy geologii i geofiziki Srednei Azii [Nuclear theory of development of the earth's crust and problems of geology and geophysics of Central Asia].

Table of contents translated:

From the editor. p. 3.

Popov, V. I. - Some basic theses of the nuclear theory of development of the earth's crust. p. 5.
Popov, V. I., Filin, T. D. - Continental blocks (provinces), nuclear and internuclear regions of Central Asia and southern Kazakhstan. p. 91.
Makarova, S. D. - Some problems of seismotectonics of Central Asia. p. 135.
Popov, V. I. - Relation of Central Asiatic earthquakes to continued material development of the earth's crust. p. 150.
Popov, V. I., Ryzhkov, O. A. - Counterclockwise rotation of strikes of differently aged structures. p. 176.

## 13. SCIENCE

### a) GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Erivan, vol. 22, no. 5, 1956.

Table of contents translated:

Minasian, R.S. - One solution to the Dirichlet problem for certain polygonal areas. p. 193.
Isaguliants, V.I., Maksimova, I.S. - New method for obtaining α-substituted vinyl esters and ketones. p. 203.
Ter-Karapetian, M.A., Ogandzhanian, A.M. - Composition of hemicellulose and cellulose fractions of cottonseed coats. p. 209.
Mndzhoian, A.L., Grigorian, A.A. - Research in the field of dibasic carboxylic acid derivatives. Report no. 16. p. 215.
Arakelian, A.A. - Method of determining void spaces between sand grains. p. 221.
Khnzorian, S.M. - New leaf-rolling weevil (Coleoptera, Attelabidae) Coenorrhinus phryganophilus Khnzorian sp. nov. from the Armenian S.S.R. p. 225.
Urgandzhian, T.G. - New data on the cortical "switching" in pups and adult dogs in connection with various injuries to tracts of the spinal cord. p. 227.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh, estestvennykh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Series in Physical and Mathematical Sciences, Natural History, and Technology]. Erivan, vol. 6, no. 4, July-Aug. 1953.

Table of contents translated:

Chobanian, K.S. - Stability of plane flexure beyond the elastic limits with arbitrary reinforcement. p. 1.
Nazarov, A.G. - Calculation of hysteresis in elastic vibrations. p. 21.
Terzian, A.G. - Synthesis and conversions of β-(dimethylamino) ethylmethylvinylethynylcarbinol. p. 35.
Vardaniants, L.A. - Irregular optical biaxiality of minerals. p. 41.
Vardaniants, L.A. - Principles for the empirical verification of the stereoconoscopic method. p. 47.
Egoian, V.L. - New varieties of Turonian gastropoda from the Veda River basin (Armenian S.S.R.). p. 53.
Simonov, M.Z. - Sedimentation in cement paste and possibilities of its control. p. 65.
Zakharov, L.A. - Thermal dissociation calcium sulfate in gypsum-clay mixtures for portland cement. p. 85.
Kuioian, L.T. - Study of the field drying of cut peat in climatic conditions of the Armenian S.S.R. p. 91.

Vol. 9, no. 3, 1956.

Table of contents translated:

Levitan, B.M., Sargsian, I.S. - Theorem of the convergence of twice differentiated eigenfunction expansion of the Shturm-Liouville operator. p. 3.
Kostandian, B.A. - Torsion of a tubular stepped

[illegible]ar cantilever

beam in a

calculating
33.
rons in a

Abdullaev, R.N. - Age of an effusive and pyroclastic stratum in the northern slope of the Shakh-Dag in the Lesser Caucasus. p. 329.
Rustamov, S.G., Zamanov, Kh.D. - Lakes of the Sumgait-Chay Basin [in Azerbaijani with summary in Russian]. p. 335.
Melikova, T.G. - Effect of narcotics on the change of conditioned reflex activity in dogs during analgesia. p. 341.
Kasymov, A.G. - Larvae of Tendipedidae in some water basins of Azerbaijan. p. 347.
Bogdanov, M.P. - Increasing the productivity of grass stands in winter pastures by application of mineral fertilizers. p. 353.
Geiushev, Z.B. - Some unknown articles of Gasan-Bek Melikov (Zardabi) [in Azerbaijani with summary in Russian]. p. 357.
Faradzhev, A.S. - Methods of computing costs and prices of collective farm products [in Azerbaijani with summary in Russian]. p. 363.

AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 108, no. 2, May 1956.

Table of contents translated:

MATHEMATICS:
Kovalev, I.F., Maiants, L.S. - New method of partial derivative computations from roots of secular equations on parameters. p. 175.
Kolmogorov, A.N. - Representation of continuous functions of several variables by superpositions of continuous functions of a smaller number of variables. p. 179.
Koroliuk, V.S. - Asymptotic expansions for the distribution of maximum deviations in the Bernulli scheme. p. 183.
Mal'tsev, A.I. - Quasiprimitive classes of abstract algebras. p. 187.
Meiman, N.N. - Recurrent formulas for power sums of Bessel function roots. p. 190.
Muchnik, A.A. - Negative answer to the problem of reducibility of the theory of algorithms. p. 194.
Pisareva, N.M. - Fraction-quadratic integral of geodesic lines in n-dimensional spaces of affine connectivity. p. 198.
Solodovnikov, A.S. - Spaces with corresponding geodesics. p. 201.
ASTRONOMY:
Karimov, M.G. - Inner corona structure of the 5303 A line as observed without eclipse. p. 205.
PHYSICS:
Alpers, V.V., Gurevich, I.I., Mishakova, A.P. - Observation of positive hyperon decays and of a single-charge hyperfragment. p. 207.
Gorban', I.S., Shishlovskii, A.A. - Anomalous dispersion of light in solutions of dyes. p. 210.
Deriagin, B.V., Abrikosova, I.I. - Direct measurements of molecular attraction between solids in vacuo. p. 214.
Zavoiskii, E.K., Fanchenko, S.D. - Physical principles of electron-optical chronography. p. 218.
Kagan, Iu.M., Perel', V.I. - Mobility and space charge of ions in a nonuniform field. p. 222.
Kireev, P.S. - Fine structure of the $He^3$ II $\lambda$ 4687 Å line with allowance for Lamb shift of $n^3S'_1$ terms. p. 226.
Levshin, L.V. - Nature of the concentration effects in solutions of acridine compounds. p. 229.
Smolenskii, G.A., Isupov, V.A., Agranovskaia, A.I. - High dielectric permeability of niobates and tantalates of divalent metals. p. 232.
Terletskii, Ia.P. - Salam and Polkinkhorne's systematics and the neutron charge hypothesis. p. 236.
TECHNICAL PHYSICS:
Barenblatt, G.I. - Expansion of the coke channel in the electric treatment of coal. p. 239.
Smirnov, N.N. - Wave propagation along an infinite-length spiral. p. 243.
CRYSTALLOGRAPHY:
Melankholin, N.M. - Absorption spectra of methylene blue crystals. p. 247.
CHEMISTRY:
Galanina, R.S., Nekrasov, A.S. - Certain regularities in thermal chlorination of n-dodecane. p. 251.
Golovina, O.A., and others. - Labeled alcohol check of the dehydration-condensation mechanism in the formation of the hydrocarbon chain when hydrocarbons are synthesized from CO and $H_2$. p. 253.
Grinberg, A.A., Gil'dengorshel', Kh.I. - Influence of the outer sphere anions upon the character of substitution in the inner sphere of complex compounds. p. 256.
Dogadkin, B., Tutorskii, I. - Mechanism underlying the action of vulcanization accelerators. Interaction between mercaptobenzothiazole and sulfur. p. 260.
Krotov, I.V. - Thermostable variety of aluminium hydroxide. p. 263.
Mironov, V.F. - Relative reactivity of the C-Cl bond of α- and γ-chloralkyltrimethylsilanes in reaction with potassium iodide. p. 266.
Pal'm, V.A. - Acidity function of the $H_2SO_4$ - $HSO_3Cl$ system. p. 270.
Ianin, P.L., Ufianova, A.V. - Synthesis and properties of polyatomic phenol ethers. p. 274.

Trofimov, A.K. - Observation of $MgAl_2O_4$ and $BeAl_2O_4$ formation reactions by means of luminescence spectra. p. 277.
Shikhiev, I.A., Komarov, N.V. - Inquiries into the synthesis and transformations of oxygen containing silicon-organic compounds. The synthesis of silicon-organic acetals from the vinyl ether of γ-hydroxypropyltrimethylsilane, silicon-organic alcohols and silanol. p. 279.
PHYSICAL CHEMISTRY:
Aleksandrova, G.I., and others. - Wetting heats of variously hydrated silica gels when wetted by certain organic liquids. p. 283.
Neiman, O.V., Garmashova, L.I., Shaposhnikova, N.V. - Structure formation in barium sulphate suspensions. p. 287.
Pentin, Iu.A., Tatevskii, V.M. - Energy differences of rotational isomers of some halogen derivates of hydrocarbons. p. 290.
Shatenshtein, A.I., Izrailevich, E.A. - Influence of π-electrons in hydrocarbon molecules upon the isotopic exchange of hydrogen in these molecules in the case of catalysis by potassium amide. p. 294.
CHEMICAL TECHNOLOGY:
Vozdvizhenskii, G.S., Valcev, A.Sh., Gorbachuk, G.A. - Features of anodic behavior of steel in an electropolishing electrolyte for low density polarizing currents. p. 299.
GEOLOGY:
Grinberg, I.G. - Some new data on Sakhalin intrusions. p. 303.
Epifanov, B.P. - Geological position and age of Tula iron ore deposits. p. 305.
Larionov, A.K., Anan'ev, V.P. - Sag of loess strata in the Northern Caucasus. p. 309.
Lisitsyn, A.P. - Moisture variation in long vertical samples taken from the Bering Sea. p. 313.
Mezhvilk, A.A. - Molasses in the mouth of the Lena River. p. 317.
Siniakov, V.I. - Flyschlike upper Cambrian formations along the B. Kaz Rivulet in the Shoria Highlands. p. 320.
MINERALOGY:
Shabynin, L.I. - Sinhalite ($2MgO.Al_2O_3.B_2O_3$) in the U.S.S.R. p. 325.
PETROGRAPHY:
Zaritskii, P.V. - Concretionary formations in the productive deposits in the western part of the Donets Basin. p. 329.
PALEONTOLOGY:
Obrucheva, O.P. - Remains of Dinichthys (Arthrodira) from the upper Devonian of the U.S.S.R. p. 333.
HISTOLOGY:
Koloss, E.I. - Ecological histology of the iris musculature in Lacerta agilis. p. 337.
Ilkov, O.S. - Lymphatic vessels of the epiploon in the rabbit. p. 341.
MICROBIOLOGY:
Fedorov, M.V., Kudrinshova, T.K. - Nitrogen-fixing activity of some soil actinomyces. p. 345.
PLANT PHYSIOLOGY:
Kiselev, N.N. - Horizontal conduction of mineral substances in the trunks of arboreal plants. p. 349.
Tsitsin, N.V., Poddubnaia-Arnoldi, V.A. - On the biology of flowering in perennial wheat. p. 352.
ZOOLOGY:
Logachev, E.D. - The formation of small amoebocytes (cell-strains) in Turbellaria Sorocelis guttata under experimental conditions. p. 357.
EXPERIMENTAL MORPHOLOGY:
Fridenshtein, A.IA. - Histogenesis of ectopic bone tissue formed under the influence of transitional epithelium. p. 359.
PHYSIOLOGY:
Lobanova, L.V. - Alimentary-canal motor conditioned reflex in dogs under conditions of successive elimination of the peripheral endings of three distance analysors. p. 363.
PARASITOLOGY:
Lutta, A.S., Shul'man, R.E. - Laboratory investigation of the toxic effect of DDT upon all development phases of Ixodes ricinus L. p. 367.
Chizhova, T.P. - To the spread of diphyllobothriosis in the Kaliningrad Province. p. 370.

Vol. 108, no. 4, June 1956.

Table of contents translated:

MATHEMATICS:
Grobman, D.M. - Asymptotic behavior of the solutions of nonlinear systems close to linear ones. p. 571.
Zalgaller, V.A. - Principles of the theory of two-dimensional manifolds of bounded curvature. p. 575.
Zinger, A.A., Iu.V. Linnik. - On a theorem in the theory of differential equations and statistics said to be invariant in the mean. p. 577.
Kostrikin, A.I. - Lie rings satisfying the Engel condition. p. 580.
Kruchkovich, G.I. - Uniqueness of the decomposition of reducible Riemannian space. p. 583.
Mrówka, S. - Complete proximity spaces. p. 587.
Selezнev, A. - Functions monogenic on closed sets of type $F_\sigma$. p. 591.
FLUID MECHANICS:
Struminskii, V.V. - A three-dimensional boundary

layer on an arbitrary surface. p. 595.
ASTRONOMY:
Alekseev, V. M. - Exchange and capture in the three-body problem. p. 599.
PHYSICS:
Akulov, N. S. - Theory of ferro-, para- and ferrimagnetism. p. 603.
Bobovich, IA. S., Pivovarov, V. M. - The influence of intermolecular interaction on the intensity of first-order Raman lines. p. 607.
Sokolov, A. A., Kerimov, B. K. - Scattering of spinless particles with consideration of damping. p. 611.
Stepanov, I. V., Feofilov, P. P. - On two types of luminescence spectra of rare earth in artificial fluorite crystals. p. 615.
Feinberg, E. L., Chernavskii, D. S. - Close approximations in the self-consistent field method of the meson theory. p. 619.
BIOPHYSICS:
Graevskaia, B. M., Orlov, B. A. - Early modifications in the blood serum under the action of X rays as determined by ultraviolet spectrography. p. 623.
TECHNICAL PHYSICS:
Abrikosov, N. Kh., Bankina, V. F. - The thermoelectric properties of $Cr\,Sb_2$. p. 627.
Adlrovich, E. I., Kolotilova, V. G. - On the theory of transient processes in semiconductor triodes. p. 629.
Kandyba, V. V., Kovalevskii, V. A. - A photoelectric spectropyrometer of high precision. p. 633.
Tartakovskii, B. D. - Experimental study of an open-air public address system with evenly distributed sound sources. p. 636.
CHEMISTRY:
Kazarnovskii, I. A., Ratkishtein, S. I., Bykova, L. N. - Kinetics of spontaneous decomposition of potassium ozonide. p. 641.
Plushchev, V. E., Markina, I. D., Shklover, L. P. - Polymorphism of rubidium nitrate and cesium nitrate and their interaction with barium nitrate. p. 645.
Ponomarev, F. G. - Reaction of asymmetric organic $\alpha$-oxides with acetone in the presence of boron fluoride. p. 649.
Essen, L. N., Gel'man, A. D. - Production of quadrivalent platinum compounds with five and six different substituents in the inner sphere of the trans- and cis-configuration. p. 651.
PHYSICAL CHEMISTRY:
Aslikhazi, M. S., Gerasimova, I. P., Dain, B. IA. - Influence of water on the absorption spectrum and photosensitivity of iron pheophorbide. p. 655.
Volta, I. V., Gurvich, L. V. - Dissociation energy of AlO. p. 659.
Kargin, V. A., Sogolova, T. I. - Plastic flow of polyvinylchloride under the action of large forces. p. 662.
Rukenshtein, E. - Theory of continuous molecular distillation in the case of sufficiently short columns. p. 665.
Tomashov, N. D., Mikhailovskii, J. N. - Mechanism of the electrochemical corrosion of metals in the soil. p. 668.
Shigorin, D. N., and others. - Nature of the intramolecular hydrogen bond. p. 672.
BIOCHEMISTRY:
Brazhnikova, M. G., Lomakina, N. N., Kudinova, M. K. - Reaction of albomycin with iron. p. 677.
Doborin, G. A. - The effect of ergosterin oxidation upon the stability of its protein complexes. p. 680.
AGRICULTURAL CHEMISTRY:
Kalinkevich, A. F., Aleksandrovskaia, V. A. - Transformation of substances in germinating potato tubers taking place under the influence of fertilizers. p. 683.
CHEMICAL TECHNOLOGY:
Sokolova, M. N., Kapelliushnikov, M. A., Zaks, S. L. - Possibilities of hydrocarbon recovery from clay rocks by solution in compressed gases. p. 687.
GEOLOGY:
Aizenverg, D. E., Brazhnikova, N. E. - Comparative study of the lower Visean division in the Donets Basin and in some other regions of the U. S. S. R. p. 691.
Voronets, N. S. - Age of the "Aucella-Horizon" of the northern part of the Lena basin. p. 695.
Zubkovich, M. E. - Biostratigraphical subdivision of Paleocene and lower Eocene deposits of the Volga near Stalingrad. p. 697.
Izmailova, N. V. - Structure of the Dnieper Terraces in the region of the Lenin Water Reservoir and on the Quaternary undulatory motions occurring in this region. p. 701.
Kozlenko, S. P. - Classification of structural upheavals according to their age characters. p. 704.
Lungersgauzen, G. F. - Periodicity observed in climate variations of past geologic epochs and some problems of geochronology. p. 707.
Shamrai, I. A., Lazarova, E. P. - Palaogenic Coccolithophoridae and their stratigraphic importance. p. 711.
HYDROGEOLOGY:
Kashlanov, S. G. - Formation of underground waters at the Tatar anticline. p. 715.
MINERALOGY:
Kukovskii, E. G., Sedlotskii, I. D. - Hydrochlorite from the weathering crust of amphibolite in the southern part of the Ukrainian crystalline massif. p. 719.
PALAONTOLOGY:
Eberzin, A. G. - Deposits containing Unio sturi M. Hörnes and its importance for the stratigraphy of the Pliocene of the Ukrainian and Moldavian S. S. R. p. 723.
IAkovlev, N. N. - First find of a scallp in the Cambrian of the U. S. S. R. p. 726.
HISTOLOGY:
Volkova, O. V. - Motor innervation of the tongue and the nature of the so-called pseudo-motor phenomenon. p. 729.
Semenov, S. P. - Sensory innervation of the ventricular myocardium in the cat. p. 732.
PLANT PHYSIOLOGY:
Gelf, V. G. - On the possibility of cell division in plants at temperatures below 0°. p. 734.
Nesterov, IA. S. - Dormancy in fruit trees. p. 738.
EXPERIMENTAL MORPHOLOGY:
Dampel', N. N. - Regeneration of skeletal muscular tissues in amphibians (frogs) following wound infections. p. 742.
PHYSIOLOGY:
Kokorina, E. P. - Some distinctive features of the lactation reflex in cows showing different mobility and equilibrium of their cortical nervo processes. p. 746.
Moiseeva, N. A. - Characteristics of introceptive reflexes during ontogenesis. p. 750.
Olenov, IU. M., Zaks, M. G. - On the role of conditioned-reflex stimuli in milk excretion by cows. p. 754.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the History of Natural Sciences and Technology. Transactions]. Moscow, vol. 7, 1956. Istoriia stroitel'noi nauki i tekhniki [History of building science and technology].
Table of contents translated:
Gumenskii, B. M., Komarov, N. S., Voronin, M. I. - The history of geological research in connection with road building in Russia from 1817 to 1870. p. 3.
Bol'shakov, V. V. - The first Russian cable bridges. p. 23.
Miloslavskii, M. G. - The technique of wood architecture in Rus during the 16th and 17th centuries. p. 44.
Bobkov, A. S. - Sectional construction in Rus during the 16th century. p. 112.
Nesteruk, F. IA. - Hydraulic engineering works in Petersburg during the 18th century. p. 120.
Vasil'ev, I. G. - The development of the theory of elastic shells in the U. S. S. R. p. 137.
IAkovleva, O. A. - The fort in the Aleksandrov suburb during the time of Ivan IV. p. 164.
Konorov, A. V. - The history of brick in Russia from the 11th to the 20th century. p. 170.
Uranosov, A. A. - Coats-of-arms of Russian cities during the 18th century as sources for the history of technology. p. 225.
Zubov, V. P. - The problem of the role of plans in building practice in medieval western Europe. p. 233.
Uranosov, A. A. - An attempt at constructing a forced water supply line in the Simonov Monastery of Moscow. p. 251.
Dobkov, A. S. - Technical standardization in Russian building in the prerevolutionary period. p. 255.

Vol. 8, 1956. Istoriia mashinostroeniia i transporta [History of the machinery industry and transportation].
Table of contents translated:
Minin, P. I. - History of the plow in Russia. p. 3.
Zemblinov, S. V. - Railroad stations and terminals. p. 22.
Barbashov, N. I. - Industrial and technical terminology of Russian shipbuilding in the 18th century. p. 49.
Danilichev, S. V. - "Watergoing" ships in Russia at the beginning of the 18th century. p. 64.
Vorob'ev, B. N. - Works of D. I. Mendeleev in aeronautics and meteorology. p. 72.
Dorogov, A. A. - Theories on machinery in Russian scientific and technical literature during the period of manufactories. p. 100.
Prokof'ev, V. I. - Theories regarding machine parts. p. 156.
Kuzin, A. A. - The history of mechanical drawing in Russia during the second half of the nineteenth and the beginning of the twentieth century. p. 186.
Gagarin, E. I. - L. L. Shamshurenkov's "self-running carriage." p. 195.
Prokof'ev, V. I. - Professor A. S. Ershov. p. 209.
Minin, P. I. - Russian agricultural machines and instruments at exhibitions in Russia. p. 230.
Plenkov, V. G. - A. N. Khitrin. p. 251.
Danilichev, S. V. - Information concerning the first ships with docks in Russia. p. 253.
Cheropnov, A. I. - History of metal-cutting tools. p. 266.

AKADEMIIA NAUK URSR, Kiev. Dopovidi [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Reports]. Kiev, no. 2, 1948. [In Ukrainian.]
Table of contents translated:
Rapoport, I. M. - One boundary value problem in the theory of the potential. p. 3.
Gordeladze, Sh. G. - Determination of the mass of shells of novae from the intensities in the Balmer series. p. 9.
Tkachova, K. S. - New discovery of Atherina bonapartei Boulanger (Pisces) in the Black Sea. p. 14.
Vynchrad, K. O., Tkachova, K. S. - Fertility of the Black-Sea fish. p. 18.
Vynchradova, Z. A. - Fertility of the crab Portunus holsatus Fabr. in the Black Sea. p. 23.
Hrozin, B. D., Kostets'kyi, B. I. - Study of the microstructure of friction surfaces. p. 26.
Vainberg, D. V. - Beam of great curvature on an elastic basis. p. 34.
Bendarchuk, O. S. - Stability of rods with variable cross sections. p. 40.
Fidelev, O. S. - Determining the depth of the open-cut mine and the extension of its field. p. 45.
Shvets', I. T. - Analytical determination of the optimal rate of pressure increase in the TVRD unit. p. 50.
Pohrebniak, P. S. - Role of roots and organic litter of deciduous forests in the origin of forest-steppe soils. p. 55.
Lavrynenko, D. D. - Interaction of three tree species (ash, oak, and larch) in mixed stands. p. 63.
Lebedev, S. I. - Role of carotene in the growth of plants. p. 71.

No. 3, 1948. [In Ukrainian.]
Table of contents translated:
Gnedenko, B. V., Rvachova, K. L. - One characteristic property of the normal law of distribution. p. 3.
Rapoport, I. M. - One class of infinite systems of linear algebraic equations. p. 6.
Balukhovs'kyi, M. P. - Appearance of salt tectonics at the Pereshchepino station of the Dnepropetrovsk Province. p. 11.
Ishchenko, A. M. - First location of boghead coal in the Donets Basin. p. 15.
Khrzhanovs'kii, V. G. - New species of Juzepczukia from the Rosaceae family. p. 19.
Pohrebniak, P. S. - Exchange of ash substances between trees and the soil. p. 27.
Vainberg, D. V. - Local stresses in a plane ring and transition to an infinite bar. p. 34.
Savin, H. M., Parasiuk, O. S. - Effect of a field of inhomogeneous stress upon the plastic zone in the neighborhood of an aperture. p. 41.
Leonov, M. IA. - Theory of quasi-harmonic oscillations. p. 51.
Khrenov, K. K. - Particular case of an electric arc discharge. p. 58.
Medovar, B. I., Asnis, A. IU. - Automatic welding under flux of stainless chromium-Ni steel. p. 60.

No. 4, 1948. [In Ukrainian.]
Table of contents translated:
Budnikov, P. P., IUrkov, M. I. - Cathodoluminescence of synthetic silicates and aluminates. p. 3.
Ishchenko, A. M. - Application of the microscopic analysis to sedimentary metamorphized rocks. p. 12.
Marchenko, I. I., Sushkova, A. S. - Sunflower-Jerusalem artichoke hybrid as a rubber plant. p. 16.
Samtsevich, S. A. - Effect of close planting on the growth of first-year apple seedlings. p. 21.
Savin, H. M., Pavlenko, H. L. - Fatigue limit for wires of steel hoisting cables. p. 27.
Savin, H. M. - Dynamic theory for the calculation of mine hoisting cables. p. 32.
Medovar, B. I., Makara, A. M., Asnis, A. IU. - Effect of small titanium and aluminum additions on the structure and properties of seams in automatic welding. p. 41.
Rozovs'kyi, I. L., Levin, A. M. - Compressible gas flow without separation in a diffuser at subsonic velocities. p. 50.

No. 1, 1949. [In Ukrainian.]
Table of contents translated:
Savin, H. M., Fleishman, N. P. - Bending of a thin triangular plate with a reinforced circular aperture. p. 3.
Feshchenko, S. F. - Asymptotic reduction of integrals of linear ordinary differential equations containing a parameter. p. 11.
Kudriumov, H. V., Hrozin, B. D., Lysak, L. I. - Effect of deformation on the decomposition of martensite in tempered steel. p. 17.
Polovko, N. I. - Evidence of dynamic metamorphism in the eastern Azov Sea region. p. 22.
Vainberg, D. V. - Generalized biharmonic problem in the theory of elasticity. p. 27.
Vainberg, D. V. - Contact problem for the bending of plates. p. 33.
Kutsyn, E. A. - Effect of the electric spark on changes in the microstructure of steel p. 39.
Strel'nikova, M. M. - Method for the mass selection of spindle-tree shrubs for high guttapercha content. p. 48.
Samtsevych, S. A. - Growth of apple roots in the southern forest-steppe region. p. 56.
Shmargon', E. M. - Diagnosis of the nonexpodability of the capsule of the castor plant Ricinus communis based on the morphology of buds. p. 63.

B 13a

No. 2, 1949. [In Ukrainian.]
Table of contents translated:
Afendyk, L. H. - Deformation of plastic materials during torsion tests. p. 3.
Fleishman, N. P. - One contact problem in the theory of elasticity in the sense of H. N. Savin. p. 12.
Holik, O. Z., Ravikovych, S. D. - Structure and viscosity of binary solutions and mixtures. p. 17.
Neimark, I. E., Khatset, F. I. - Role of the structure of adsorbents in molecular chromatography of vapors. p. 24.
Illikman, T. S. - Photooxidation of bivalent-iron ions in ethyl alcohol. p. 30.
Roiter, V. A., Haukhman, S. S. - Effect of macrokinetic factors on the selectivity of catalysis. p. 34.
Rubanik, M. IA., Snihurova'ka, IU. O., Piontkova'ka, M. A. - Kinetics of the oxidation of ethylene to ethylene oxide on a silver catalyst. p. 37.
Roiter, V. A., and others. - Method of diaphragms for studying porous catalysts and kinetics of reactions occuring on them. p. 41.
Hertsriken, S. D., Dekhtiar, I. IA., Kumok, L. M. - Study of the diffusion of chromium in ternary alloys; iron - chromium - carbon. p. 48.
Khrenov, K. K. - Face gas welding. p. 53.

No. 3, 1949. [In Ukrainian.]
Table of contents translated:
Mordukhai-Boltovs'koi, D. D. - Instances of central motion solved in elementary transcendental and elliptic integrals. p. 3.
Kiprianov, A. I., Pazenko, Z. N. - Synthesis of benzo-1, 4-thiazine quaternary salts. p. 9.
Kiprianov, A. I., Pazenko, Z. N. - Cyanine dyes and styryls of the benzo-1, 4-thiazine series. p. 15.
Asnis, A. IE. - Variation of the form of the nozzle duct in order to reduce oxygen flow during gas cutting. p. 22.
Kononenko, V. O. - Asymmetrical load cycles in resistance tests. p. 25.
Karpenko, H. V. - Effect of surfactants on the fatigue strength of metals. p. 39.
Poruts'kyi, H. V. - Mode of cutting potato tubers and its effect on the quality and formation of starch. p. 44.
Vyval'ko, I. H. - Effect of organic and mineral fertilizers on the crop accumulation and yield of rubber, of kok-saghyz. p. 51.
Klymovyts'ka, Z. M. - Carbohydrate dynamics and protein accumulations as affected by the nutrition system of plants in grass-beet crop rotation. p. 60.
Vasil'enko, P. M. - Theory of the motion of material particles in rotational planes. p. 68.

No. 4, 1949. [In Ukrainian.]
Table of contents translated:
Sheremet'ev, M. P. - Bending of thin plates weakened by a curvilinear aperture the edge of which is reinforced by an elastic ring. p. 3.
Zamorii, P. K., Romodanova, A. P. - Time of the formation of the Southern Bug River liman. p. 11.
Tatomir, K. I. - Methods for the determination of distances between sectional crosscuts and for planning the distribution of intermediate crosscuts in a section. p. 15.
Tatomir, K. I. - Determining the number of excavation sections in one side of a shaft area or in a part of it. p. 23.
Nesterov, P. P., Iozef, H. I. - Certain problems in the theory of the construction of round rope strands with wires of equal cross section in all segments. p. 28.
Fel'dman, A. A. - Effect of the elasticity of edge [illegible] on the stability of a compressed circular
[illegible]A. - Stress dis-
[illegible]orm. p. 30.
[illegible], Nekriach, E. F. -
s of wetting of
and their
[illegible]y of a
Vaisberg, Z. M., Dain, B. IA. - Chemical nature of the derivatives of molybdenum and tungsten blues. p. 33.
Danylov, V. I., Zubkov, O. I., Skryshevs'kyi, A. M. - X-ray study of liquid o-dichlorobenzene. p. 39.
Lysak, L. I. - Changes of constants of the martensite lattice during its decomposition. p. 44.
Hertsriken, S. M., Dekhtiar, I. I. - Mechanism of diffusion in solid solutions of substitution. p. 53.
Hertsriken, S. M., Dekhtiar, I. I. - Self-diffusion in metals. p. 57.
Chudnovs'kyi, V. H. - Forced vibrations of rods, beams, and frames in presence of elastic hysterics. p. 68.
Tatomir, K. I. - Determination of distances between sectional crosscuts and the planning of the distribution of intermediate crosscuts in the section p. 75.
Soker, I. T. - New data on the mammal fauna in the Transcarpathian region. p. 83.

No. 6, 1954. [In Ukrainian.]
Table of contents translated:
Smolorozhevs'kyi, O. S. - On a construction problem of Lobachevskii's geometry. p. 399.
Shevelo, V. M., Kuzhil, A. I. - Using the asymptotic method in solving equations of the motion of a load on a partially elastic rope of variable length. p. 402.
Smyslov, V. V. - Formation of the curved open surface of a stream above a drop. p. 407.
Rozovs'kyi, I. L. - Distribution of velocities at the bend of a stream. p. 411.
Sukharevs'kyi, I. V. - On a border problem of hydrodynamics. Report no. I. p. 416.
Hrylyts'kyi, D. V. - Pressure of a rigid circular cylinder on the inner surface of a circular cylindric cavity in an orthotropic body. p. 419.
Zahubyzhenko, P. A. - Stresses in an anisotropic plane weakened by rectilinear grooves. p. 424.
IUshchenko, O. A. - Bend of a thin plate. p. 431.
Strel'byts'ka, O. I. - Formulas for the bimoment in the elasto-plastic state of an I-beam. p. 435.
Kormakov, L. I. - Integration of the differential equation of a bent axis of a compound girder with any transverse load. p. 439.
Halkin, O. O., Shklinreva'kyi, I. M. - Change in the optical constants of tin during transition into a state of superconductivity. p. 445.
Roshchina, H. P., Dadenkova, M. M. - Investigating the molecular dispersion of light in liquid solutions. p. 449.
Holyk, O. Z, Oryshchenko, A. V., Artemchenko, O. H. - "Negative" viscosity effect of nonaqueous solutions of potassium iodide. p. 453.
Holyk, O. Z., Skryshevs'kyi, A. F., Ravikovych, S. D. - Roentgenographic investigation of methyl alcohol. p. 457.
Hershenzon, S. M. - Methods for disinfecting the grains of the tussah moth. p. 460.
Savchenko-Pohrebniak, Z. F. - Comparative investigations of the productivity and quality of wood of the mountain oak. p. 463.
Pokhilon, P. P. - Effect of arborescent plants on the structure of Chernozem soils. p. 469.

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 23, no. 6, June 1956.
Table of contents translated:
Vasiutin, V. F. - Distribution of productive forces of the U. S. S. R. in the sixth five-year plan. p. 1.
Zhigalin, V. F. - Superpower machines. p. 5.
IUrchenko, A. - Hydraulic giants in mines. p. 10.
Moskatov, K. A. - Infrared rays and their application. p. 12.
Kanevskii, S. I. - Eight hundred and thirty kilometers per hour. p. 16.
Pometun, G., Onishchenko, M., Stepanenko, N. - Carrying out the directives of the Congress. p. 17.
Arkhangel'skii, D. N. - "Chemical" fibers. p. 20.
Litvin, O. B. - Rubber made of petroleum. p. 21.
Kozlov, P. V. - Film which doesn't burn. p. 23.
Berlin, A. A. - Light plastic materials. p. 24.
Pavlov, S. A. - Substitute of full value. p. 25.
Gol'dberg, M. M. - Comfortable, beautiful, and cheap. p. 26.
Napalkov, A. V. - Reflex theory and diseases. p. 27.
Mazokhin, G. - Insects and the "Black light." p. 31.
Lokhmatov, N. - Five-year plan of a collective farm. p. 33.
Platonov, G. V. - Blow to religious dogmas. p. 37.
Muchnik, V. M. - Nature of the thunderstorm. p. 41.
Shereshevskii, S. V. - Can thoughts be read? p. 44.
Lebedev, N. A. - At the "holy" well. p. 45.
[illegible]irish, N. P. - Friends of health. p. 46.
[illegible]andomirskii, I. G. - Universal machine tool. p. 49.
[illegible]ikhailov, IA. - Remote dynamograph. p. 50.
[illegible]akov, L. - Reinforced concrete supports. p. 51.
[illegible]kovlev, S. - Electromagnetic punching machinery. p. 52.
[illegible]riukhin, A. M. - Self-propelled chassis. p. 53.
[illegible]stukhov, O. P. - "Strange" particles. p. 54.
[illegible]itvin, V. M. - Using methane on farms. p. 55.
[illegible]viatukhin, V. M. - Artificial kidney. p. 56.
[illegible]'ekler, Kh. I. - Mystery of a script. p. 57.
[illegible]orelov, A. - Flights to the interplanetary space. p. 59.
New books. p. 61.
Chernomaz, P. A. - Sowing sized seeds. p. 62.
Miakishev, G. IA. - What is "heavy water." p. 63.
Turova, A. - Spongilla. p. 64.

Vol. 23, no. 7, July 1956.
Table of contents translated:
At industrial and agricultural exhibitions. p. 1.
Petrov, I. N. - Printed circuits. p. 5.
Kriviskii, A. - New advances in the study of viruses. p. 9.
Vladzievskii, A. P. - Automatic machine tools. p. 13.
Moroz, E. M. - Particle accelerators. p. 17.
Malinov, L. M. - Ultrasonic processing of materials. p. 20.
Akutin, M. S. - Plastics. p. 21.
Minaev, P. F. - Radiation surgery. p. 24.
TSeitlin, A. A. - Paleontology aids medicine. p. 28.
Krikun, E. A. - Advantages of harvesting in stages. p. 30.
Petrov, V. P. - Remarkable Yugoslavian scientist. p. 33.
Spyshnov, P. A. - Thirty-nine days in the United States. p. 35.
Samokhvalov, N. I. - Liberty of conscience. p. 39.
Roginskii, G. Z. - Do monkeys "think"? p. 41.
Kahne, Ernest. - Union of Rationalists in France. p. 45.
Ostrianin, D. F. - Mechnikov, fighter against religion. p. 47.
Teifel', V. G. - Noctilucent clouds. p. 49.
Daikhes, I. I. - Sheet piling used in hydraulic structures. p. 51.
Skvortsov, V. F. - Molybdenum fertilizers. p. 51.
Smolinkov, B. L. - Utilizing wood wastes. p. 53.
Berlin, A. A., Barkan, S. M. - Protective films. p. 54.
Riabikin, B. - Electrets. p. 56.
Golenko, T. S. - Rembrandt van Rejn p. 57.
Anosova, N. A. - Famous writer and humanist. p. 59.
Bazykin, V. V. - A book about "The universe." p. 60.
New books. p. 62.
Khudyi, IU. B. - "Electronarcosis." p. 63.
Startova, A. - Electric blocking device for fish. p. 64.

Vol. 23, no. 8, Aug. 1956.
Table of contents translated:
Burtsev, A., Shabanskii, V. - Into the depth of the atomic nucleus. p. 1.
Zhukov-Verezhnikov, N. N. - Living vaccines. p. 5.
Sergeeva, O. - The role of bacteria in plant nutrition. p. 9.
Gamburg, D. IU. - Liquid fertilizers. p. 10.
Rokotian, E. S. - Continuous rolling. p. 12.
Pertsovskii, E. S. - Introduce atomic energy into the food industry. p. 17.
Parkhomenko, V. E. - Origin of petroleum p. 21.
Laboratories of tasty and healthful food. p. 24.
Davydova, A. - Based on progressive science. p. 25.
Korabel'nikov, I. - In the First Medical Institute. p. 26.
Kharchenko, N., Druk, M. - Poisonous mushrooms. p. 29.
Senin, G., Smolenov, B. - Visiting innovators of the Ural Machinery Factory. p. 31.
Meliukhin, S. T. - Motion as a property of matter. p. 35.
Mikhailov, N., TSvetkova, L. - Nature of instincts. p. 39.
Frolov, I. T. - Expediency in nature. p. 42.
Kucherov, N. I. - Opposition near perihelion. p. 46.
Utkin, I. A. - Valuable research. p. 49.
Kiselov, IA. E. - Artificial plank. p. 51.
Sokolov, I. V. - The dark satellite of 61 Cygni. p. 52.
Rydnik, V. I. - The calculating ray. p. 53.
Maliutin, K. - Flying tube. p. 54.
Peive, IA. V. - Congress on minor elements. p. 55.
Lezhneva, O. A. - Charles Augustin Coulomb. p. 57.
Parkhomenko, M. N. - Singer of friendship between the peoples. p. 58.
Artobolevskii, I. I., S. V. Shukhardin. - Leonardo da Vinci's scientific legacy. ("Leonardo da Vinci; selected natural science works.") p. 59.
A review of new periodicals. p. 60.
New books. p. 62.
Eskin, I. A. - Growth hormones. p. 63.
Sedova, K. D. - Eusynthomicin. p. 64.

PRIRODA [NATURE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 45, no. 7, July 1956.
Table of contents translated:
Magnitskii, V. A. - Internal structure of the earth. p. 3.
Tauson, L. V. - Rare elements in rocks. p. 16.
Kraevskii, IA. M. - Significance of sleep in connection with diseases of the nervous system. p. 24.
Tikhomirov, B. A. - Forest and tundra. p. 31.
Murzaev, E. M. - Origin of geographic names. p. 39.
Mamonov, E. I. - Electronic calculating machines; at the All-Union Scientific-Technical Conference. p. 47.
Bergol'ts, V. M. - Problem of a malignant growth; at the Tenth Meeting of the General Assembly of the Academy of Medical Sciences of the U. S. S. R. p. 49.
Baranov, P. A. - West African mangroves. p. 53.

Magnitskii, K.P. - Appraisal of plant feeding on the basis of external form; from works of the scientific institute on fertilizers, insecticides, and fungicides. p. 61.
Malek, Ivan. - Microbiology in Czechoslovakia. p. 65.
Klimaszewski, Meczyslaw. - Development of the west Carpathian Mountains. p. 68.
Krivitskii, A.S. - Resynthesis of viruses in the laboratory. p. 74.
Ostroukhov, M.IA., Khodak, L.Z., Lebedev, V.V. - Cinematographic study of the process of coke burning. p. 76.
Murach, N.N. - Silicon for semiconductors. p. 82.
Gortsev, V.I. - Future characteristics of the lower Volga. p. 84.
Smirnov, B.M. - Orsk jasper. p. 86.
Timofeev, V.T. - Annual water balance of the Arctic Ocean. p. 89.
Khazanovich, K.K. - Study of clay minerals. p. 91.
Muller, G.V. - Corn cultivation and breeding in the German Democratic Republic. p. 93.
Samorodov, A.V. - Benefit and harm of rooks. p. 96.
Strokov, V.V., and others. - Instances of cannibalism in animals. p. 97.
Syroechkovskii, E.E. - Coypu in Daghestan. p. 99.
Kanaev, I.I. - Cancer in twins. p. 101.
Formozov, A.A. - Study of a buried cave in the Crimea. p. 102.
Nobel prizes in 1955. p. 105.
Zhirmunskii, A.M. - At the all-Union conference on geothermics. p. 106.
Stoliarov, L.G. - A.S. Popov gold medal award. p. 107.
Liakhov, M.E. - International geographic seminar in India. p. 107.
Gerasimenko, T.F. - Ball lightning during a winter thunderstorm. p. 109.
Kurochkin, IU.V. - Device for photographing and sketching microscopic specimens. p. 110.
Panasenko, G.D. - Earthquake in the Khibiny Mountains. p. 110.
Khoroshikh, P.P. - Dzhelo Falls. p. 111.
Vlazov, A.A. - Indoor cultivation of the Jasminum grandiflorum L. p. 112.
Shaposhnikov, F.D. - Panther in the western Tien Shan. p. 113.
Stolanov, G.A. - Flowering characteristics of the garland flower Daphne cneorum L. p. 114.
Levitskii, P.F. - Distribution of the Caucasian black partridge. p. 115.
Pol'skii, M.N. - Round crystallization of salts. p. 116.
Plesskii, P.V. - Bustard in the Kirov Province. p. 116.
Zamkovoi, V.P. - Natural history of a coal region. p. 117.
Obruchev, V.A. - Utilizing the earth's heat. p. 118.
Makhlin, M.D. - Book about aquariums. p. 119.
Brief annotations on new books. p. 121.
Gal'tsov, A.P. - The warmest month of the year. p. 124.
Dolgoshov, V.I. - Berry season. p. 125.
Nikol'skaia, V.V. - Far Eastern monsoon. p. 125.
Moiseev, A.P. - July thunderstorms. p. 126.
Martynov, V.M. - Heading of wheat in recently reclaimed lands. p. 126.
Ostrekin, M.E. - Magnetic anomaly in the central Arctic. p. 127.

Vol. 45, no. 8, Aug. 1956.
Table of contents translated:
In memory of an outstanding Soviet scientist. p. 3.
Khaikin, S.E. - Radio astronomy and the study of the universe. p. 5.
Balakhovskii, I.S., Malkin, V.B. - Biological problems of interplanetary flight. p. 15.
Chubukov, L.A. - Health resorts of the U.S.S.R. noted for their climate. p. 22.
IAshunskaia, F.I. - New advances in synthesizing rubber. p. 33.
Uspenskii, S.M. - Vertebrates of the Mid-Arctic. p. 41.
Porel'man, A.I. - Geochemical methods of prospecting for mineral deposits. p. 47.
Belokon', I.P. - The Kiev botanical garden. p. 51.
Lapin, P.I. - Spring flower show. p. 55.
Markov, K.K. - In the Antarctic. p. 59.
Demiri, Mustafa, Mitrushi, Il'ia. - Flora and fauna of Albania. p. 71.
Zelenkevich, G.P., Korolev, L.N., Razumovskii, S.N. - Experiments in mechanical translation on the BESM electronic calculating machine. p. 81.
Chufarov, G.I. - Some problems in the theory of metallurgical processes. p. 86.
Nudel'man, Z.N. - Insecticidal baits. p. 88.
Bozilian, Kh.A. - Eruptions of mud volcanoes in Azerbaijan. p. 91.
Panov, D.G. - Forms of shore erosion of the Tsimlyanskaya reservoir. p. 94.
Lamakin, V.V. - The Obruchev fault. p. 96.
Vanzhura, L. - Bernburg monoecious hemp. p. 99.
Belostokov, G.P. - Aquatic broadleaved rice. p. 101.
Kodinets, G.A. - Bare-necked chickens. p. 102.
Shorokhov, P.I. - Siberian silkworms. p. 105.
Sudilovskaia, A.M. - New data on stormy petrels. p. 107.
Nemkov, G.I. - Discovery of giant nummulites in Armenia. p. 108.

Stoliarov, L.G. - Scientific meeting devoted to Radio Day. p. 110.
Kamanin, L.G. - Greenwich Observatory in a new location. p. 111.
Shpakovskii, B.G. - Noise control. p. 112.
Berenbeim, L.IA., Gal'tsov, A.P. - Rare tornado. p. 113.
Ermakov, A.V. - Natural growth of sod in strips. p. 113.
Chekotillo, A.M. - Variation of soil temperature in the Moscow area. p. 114.
Golovanov, N.G., Brovchinskii, I.V. - Wax from pine needles. p. 115.
Kotov, I.S. - Flowering of Daurian rhododendron. p. 115.
Kurts, F.A. - Interaction of plant seeds with environmental materials. p. 116.
Morozova-Turova, L.G. - Forest lemmings in Kamchatka. p. 116.
Pokshishevskii, V.V. - Nature of the U.S.S.R. in illustrations. p. 117.
Murzaev, E.M. - Amazing voyage. p. 118.
Brief notes on new books. p. 121.
Dolgoshov, V.I. - August. p. 124.
Martynov, V.M. - Harvesting of spring wheat in the eastern regions. p. 124.
Galakhov, N.N. - Mushroom season. p. 125.
Elagin, I.N. - Summer fading of plants. p. 125.
Miagkov, N.IA., Oksenich, I.G. - Hot weather in Turkmenistan. p. 126.
Naumova, N.N. - New methods of preparing entomological collections. p. 127.
Subbotin, A.M. - Gigantic excrescence on a birch. p. 128.
Ovchinnikov, N.V. - Fruit culture at the 50th parallel. p. 128.

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 31, no. 7, July 1956.
Table of contents translated:
To readers. p. 1.
Zhigarev, L. - Who is there? a story. p. 2.
Vladimirov, A. - "Machines' rebellion" and cybernetics. p. 7.
Kol'man, E. - On cybernetics. p. 8.
Pekelis, V. - Calculating with lightning speed. p. 10.
Petrovskii, IU. - On the verge of irreality. p. 17.
How programs are set up. p. 24.
In the stands of the industrial exhibition. p. 25.
Dolgushin, IU. - From mechanical arms to the electronic brain. p. 26.
Bakhmet'ev, M. - Some problems in cybernetics. p. 28.
Rusinov, A., Zhirmunskaia, E. - Biotics of the brain. p. 33.
Bruk, I.S. - Machine and body. p. 37.
Gurevich, G. - Adventures of a machine. p. 39.
A little of everything. p. 46.
Answers. p. 48.

## b) ASTRONOMY

ASTRONOMICHESKII TSIRKULIAR [ASTRONOMICAL CIRCULAR]. Published by Biuro astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomic Information of the Academy of Sciences of the U.S.S.R.]. Kazan, no. 167, Feb. 1956.
Table of contents translated:
Olbers' periodic comet (1950a). p. 1.
Taylor's periodic comet (1916 I). p. 2.
Pupyshev, IU.A. - Observations of c... Engel'gardt Observatory. p. 2.
Khabibullin, Sh.T., Pupyshev, IU. ... of Schwassmann-Wachmann's com... Engel'gardt Observatory. p. 5.
Onegina, A.B. - Variation in the pr... the star Gr 1830. p. 5.
Drozdov, S.V. - Proper motions of ... yearly declination exceeding 0."... zenith telescope at Poltava. p. 7.
Mel'nikov, O.A. - Precise correcti... refraction. p. 8.
Torondzhadze, A.F. - The factor f... selective to total absorption as a ... excess. p. 11.
Nikol'skii, G.M. - Observation of t... tinuous spectra without an eclips...
Sitnik, G.F. - Absolute measureme... tinuous spectrum of the center of ... p. 14.
Dzhapiashvili, V.P. - Electropolar... surface. p. 16.
Lange, G.A. - Variation of the peri... Z Draconis and RT Persei. p. 19.
Tabachnik, V.M. - Photographic an... brightness curves of V 476 Cygni
Tabachnik, V.M. - KZP 4656 = S 4...
Grigorevskii, V.M. - Minima of alg...
TSesevich, V.P. - Physical charact...

variable AG Draconis. p. 23.
TSesevich, V.P. - Minima of Algol-type stars. p. 25.
Kozik, S.M. - Radius of the earth umbra during the lunar eclipse of November 29, 1955. p. 25.
Savrukhin, A.P. - Activity of Orionid meteoric showers in 1955. p. 26.
Shtepan, V.E. - Orionids in 1954 and 1955 as observed through binoculars. p. 27.
Pluzhnikov, V.Kh. - Observing lunar occultations of stars at Kharkov Observatory in 1955. p. 29.
Kozik, S. - Lunar occultation of stars observed in Tashkent. p. 29.
Kuklin, G. - Lunar occultation of stars observed in Irkutsk. p. 30.
Nefed'ev, A.A. - Observing lunar occultations of stars at the Engel'gardt Observatory in 1954-1955. p. 30.
Aleksandr Marianovich Gizhitskii; obituary. p. 32.

No. 168, Mar. 1956.
Table of contents translated:
Podobed, V.V. - S.N. Blazhko; obituary. p. 1.
Johnson's periodic comet (1949 II). p. 3.
D'Arrest's periodic comet. p. 3.
Tempel's (2) periodic comet. p. 4.
Matiagin, V.S. - Observations of Bakharev-McFarlane-Krienke's (1955f) and Honda's (1956g) comets at the mountain observatory of the Institute of Astrophysics of the Academy of Sciences of Kazakh S.S.R. p. 6.
Dubiago, A.D. - Return of Brooks' (2) periodic comet in 1960. p. 6.
Belous, L.M. - IUrlov-Akhmarov-Hassel's comet (1939 III). p. 7.
Raives, V.G. - Photometric observations of Schaumasse's (1951 l), Harrington's (1952 c), Pons-Brooks' (1953 c) and Abell's (1953 g) comets. p. 9.
Matiagin, V.S. - Observations of minor planets at the mountain observatory of the Institute of Astrophysics of the Academy of Sciences of the Kazakh S.S.R. p. 11.
Moroz, V.I., Karimov, M.G. - Photoelectric registration of the emmission line λ 5303 Å in the solar corona. p. 12.
Filippov, A.E. - Determination of the lunar wave in latitude variations according to the results of observations on two zenith telescopes. p. 14.
Lavrov, M.I. - Photometric orbit of XX Cephei. p. 16.
Lavrov, M. - Note on XX Cephei. p. 17.
Sytinskaia, N.N. - Relation of polarization and albedo for lunar surface features. p. 18.
Kuklin, G.V., Bryzgalova, E.A., Eitsov, L.M. - Observations of the partial lunar eclipse of November 29, 1955 at the Irkutsk Observatory. p. 19.
Telfel', V.G. - Observations of the partial lunar eclipse of November 29, 1955. p. 21.
Rosenblium, N.D. - Processing meteor photographs on stereocomparator. p. 22.
Noctilucent clouds in 1955. p. 23.

PEREMENNYE ZVEZDY [VARIABLE STARS]. Published by Astronomicheskii sovet Akademii nauk SSSR [Astronomical Council of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 5(89), Apr. 1955.
Table of contents translated:
Kholopov, P.N. - Spatial distribution of red giants and RR Lyrae variable stars in globular cluster M 15. p. 253.
Svechnikov, M.A. - Investigating variations in the periods of some eclipsing variable stars. p. 282.
Semakin, N.K. - Photographic observations of twelve variable stars in Lacerta. p. 283.
Batyrev, ...

facilities, p. 17.
Lavrent'eva,E.V. - Latitude variations of Poltava based on observations of the zenith telescope during 1947.7.-1949.7, p. 26.
Drozdov,S. V. - Program of weak zeniths and zenith pairs, and observations of this program at Poltava during 1940.2-1941.7. p. 79.
Drozdov,S. V. - Preliminary catalog of declination of 204 stars in the Poltava zenith program. p. 147.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.
Contents:
[Abstracts] Referaty 4860-5383. 75 p.

VSESOIUZNOE ASTRONOMO-GEODEZICHESKOE OBSHCHESTVO. Biulleten' [ALL-UNION ASTRONOMICAL-GEODETIC SOCIETY. Bulletin]. Moscow, no. 17(24), 1956.
Table of contents translated:
Bronshten,V.A. - Second congress of the All-Union Astronomical-Geodetic Society, p. 3,
Gimmel'farb,B,N, - Some errors connected with the explanation of the aberration of stars in the theory of relativity. p. 14,
Sabaneev,P.F. - Origin of structural differences in the rays from lunar craters, p. 22,
Sabaneev,P.F. - Modeling lunar craters under vacuum conditions, p. 26,
Ivanova,I.V. - Rays of lunar craters and elliptic formations, p. 29,
Zigel,F.IU. - Physical characteristics of the Honda-Bernasconi's comet(1948 g), p. 34,
Kramer,E.N. - Importance of comets' radiants, p. 39,
Dombrovskii,K.I. - On the law of planetary distances, p. 46,
Chistiakov,V.F. - The law of planetary distances, p. 51,
Sadovskii,N.N. - Ivan Ivanovich Putilin, p. 57,

c) BIOLOGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Institut fiziologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Physiology. Transactions]. Alma-Ata, vol. 1, 1956.
Table of contents translated:
Sivertsev, I.I. - Distribution of colored glycosides in the tissues of the human and animal heart, p. 5,
Sivertsev, I.I., Dzhumagalieva, F.D. - Producing keratitis and conjunctivitis in dogs by introducing preparations of Dictamnus Turcestanicus Wint. growing in Kazakhstan, p. 13,
Dzhumagalieva, F.D. - Pharmacology of the preparations of Dictamnus Turcestanicus Wint. growing in Kazakhstan, p. 23,
Dzhumazhanov, O.D. - Pharmacology of the preparations of Ferula pseudoreoselinum L. roots, p. 42,
Zhangozin, Sh.Zh. - Pharmacology of the preparations of forest aconite (Aconitum nemorum M. Pop.), p. 88,
Chebekova, I.I. - Pharmacological properties of new local anesthetics of the piperidine group, p. 105,
Dzhumagalieva, F.D. - Toxicity of cineole for animals, p. 134,

NAUK SSSR. Botanicheskii institut. Trudy
OF SCIENCES OF THE U.S.S.R. Botani-
Transactions. Ser. 4. Eksperimental'-
[Experimental botany]. Moscow, no. 11,

contents translated:

, A.I., IUdin, V.G. - Comparative
siological study of perennial grasses in
ixed stands. Report no. II: Changes in
ydrate metabolism of some perennial
pending on their percentage in the
, 7,
, N., Konovalov, I.N. - Adaptive
in the gas exchange of Persian walnut
ing acclimatization, p. 47,
O.A. - Changes in the respiration of
ie Pamirs caused by sharp variations
ture, p. 62,
D.I., Maslova, T.G. - State of chloro-
leaves of green plants, p. 97,
.N. - Characteristics of the connection
s exchange and the accumulation of dry
in plants growing under different con-
116,
.S. - Changes in photosynthesis and
physiological processes during the
levelopment of plants in connection with
nvironmental conditions, p. 165,
, IA. - Daily and seasonal course of
esis and the accumulation of dry sub-
otatoes, tomatoes, and makhorka,

Mukhina, V.A. - Some data on investigating photosynthesis in terrestrial plants by the manometric method, p. 225,
Loisle, F.F. - Effect of conditions during the photophase on changes in the morphological characters of some plants, p. 241,
Bel'denkova, A.F. - Variability of some plants caused by disturbances in the course of the photophase, p. 270,
Koriakina, V.F. - Effect of the length of the day on the growth and development of red clover, p. 288,
Riazanskaia, K.V. - Some physiological characteristics of monoecious and dioecious hemp in ontogenesis, p. 316,
Nikolaeva, M.G. - Water cycle of spindle tree seeds in connection with stratification and germination, p. 331,
IUdin, V.G. - Biology of the germination of maple seeds, p. 351,
Varasova, N.N. - Characteristics of European ash seeds from various geographical sources, p. 370,

AKADEMIIA NAUK SSSR. Institut biologicheskoi fiziki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Biological Physics. Transactions]. Moscow, no. 1, 1956.
Table of contents translated:
Kuzin, A.M. - Paths of development in biological physics, p. 3,
Aladzhalova, N.A. - In vivo investigation of the physicochemical properties of the cerebral cortex in various functional states, p. 14,
Liudkovskaia, R.G. - Effect of the nervous system on the structure and functional stability of the muscle, p. 30,
Erdman, G.M. - Effect of constant magnetic fields on the nerve, p. 35,
Kaiushin, L.P., Liudkovskaia, R.G. - Changes in the volumetric and elastic properties of the nerve during the conduction of excitation and their connection with bioelectric potentials, p. 40,
Livshits, N.N. - Effect of X-ray irradiations of the cerebellar region on conditioned reflex activity in dogs, p. 50,
Livshits, N.N. - Effect of repeated total X-ray irradiation on conditioned food reflexes in dogs, p. 63,
Kuzin, A.M. - Change in the structural viscosity of nucleic acids of the brain and spleen under the effect of ionizing radiation, p. 79,
Breslavets, L.P. - Study of the changes in the pollen of rye and spiderwort induced by X rays, p. 84,
Shekhtman, IA.L. - The "time factor" in the theory of the biological effect of radiation, p. 99,
Shekhtman, IA.L. - Radiation dosimetry, p. 122,
Gurtovoi, G.K., and others. - Studying the features of color and stereoscopic vision and making use of them to increase the effectiveness of traffic signs, p. 136,
Smirnov, M.S., Bongard, M.M. - Hypothesis of the clusters of color receptors, p. 156,
IArbus, A.L. - Movements of the eye during the shifting of fixation points, p. 162,
IArbus, A.L. - Movements of the eye in achromates, p. 166,
IArbus, A.L., Gol'tsman, N.I. - Movements of the eye during the perception of images of stereoscopic motion pictures, p. 172,
Seletskaia, L.I. - Effect of noise of varying intensity on the steadiness of clear sight, p. 178,
Knavets, O.L. - Effect of glaring light on the perception of depth, p. 192,
Gurtovoi, G.K., Telegina, O.F. - Formation of a conditioned reflex connection between visual and motor analysors with respect to the color and weight of objects, p. 200,
Tumarkina, L.N. - Effect of low-frequency noise on the threshold of hearing in man, p. 205,
Varshavskii, L.A. - Masking by high-intensity wide-range noise, p. 215,
Sheivekhman, B.E., Glekin, G.V., Meizerov, E.S. - Determining average values of the minimum intensity of sounds perceptible in silence to man, p. 238,
Kuzin, A.M., Merenova, V.I. - Assimilation of carbon from organic fertilizers by plants, p. 247,
Kuzin, A.M., and others. - Problem of the assimilation of atmospheric nitrogen by the organism of mammals, p. 256,
Mamul', IA.V. - Quantitative study of the distribution of radioactive indicators in biological objects with the aid of the radioactive wedge, p. 262,
Mamul', IA.V., Orlova, L.V. - Vacuum dehydration of frozen tissues, p. 268,
Lemazhikhin, B.K., Frank, G.M. - Determining the dimensions of erythrocytes by the light diffraction method in connection with the biological effect of ionizing radiation, p. 276,
Emel'ianov, K.N. - Measuring the dose of slow electrons in equivalent roentgens, p. 288,
Emel'ianov, K.N. - Dismountable X-ray tube for close-focus irradiations of biological objects, p. 293,
Aladzhalova, N.A. - Method for simultaneous measuring of the ohmic and capacitive components of impedance during a rapid nonstationary process, p. 298,

AKADEMIIA NAUK SSSR. Institut fiziologii rastenii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Plant Physiology. Transactions]. Moscow, vol. 6, no. 1, 1948.
Table of contents translated:
Prokof'ev, A.A. - Vladimir Ottonovich Tauson; obituary, p. 3,
Ivanov, L.A. - Moisture of the trunk wood in relation to the water exchange in the tree, p. 9,
Samygin, G.A. - New data on the photoperiodic reaction of Ulucus tuberosus, p. 45,
Voskresenskaia, N.P. - Effect of cations of potassium, sodium, and calcium on the intensity of photosynthesis, p. 53,
Zhdanova, L.P. - Comparative analysis of photoperiodic induction in short- and long-day plants, p. 69,
Genkel', P.A., Okuina, E.Z. - Dormancy in plants as a process of cell protoplasm division, p. 85,
Solkina, G.S. - Age changes in the permeability of protoplasm, p. 103,
Tueva, O.F., Samoilova, S.A. - Characteristics of nitrogen and phosphate nutrition and the activity of plant root systems, p. 118,
Kolosov, I.I. - Effect of cations on root absorption of acid pigments and anions of mineral salts, p. 139,
Krapivina, A.T. - Increase in the salt tolerance of Egyptian cotton plants, p. 166,
Shcherbakov, A.P. - Potassium as a regulator of enzymatic processes in plants. Report no. 2: Some features of enzyme distribution in pea sprouts, p. 180,
IAkushkina, N.I. - Effect of growth promoting substances on cell intake of water and salts, p. 193,
Rakitin, IU.V. - Change in carboxylase activity in ripening fruit, p. 201,
Rakitin, IU.V. - Effect of temporary strengthening of anaerobic processes on the rate of fruit ripening, p. 207,
Andreeva, T.F. - Effect of phosphate nutrition on photosynthesis and the growth of sunflowers, p. 212,
Talalaev, E.V. - Toxic effect of potassium nitrite on molds, p. 237,
Lobov, M.F. - Cell juice concentration in spring wheat leaves in case of an inadequate water supply, p. 245,

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Otdelenie estestvennykh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Natural Sciences. Bulletin]. Stalinabad, no. 8, 1954.
Table of contents translated:
Pavlovskii, E.N. - The 25th anniversary of the Tajik S.S.R, p. 3,
Solov'ov, A.V. - Problems of astronomical star photometry in the work of the Stalinabad observatory, p. 21,
Katasov, L.A. - Study of comets and meteors at the Stalinabad observatory, p. 27,
Pankratov, P.A. - Prospects for using ground water and measures for preventing salt formation in the irrigated area of Central Asia, p. 33,
Baratov, R.B. - Geological and petrographic properties of some of the earliest granitoid intrusions on the southern slopes of Gissar range, p. 45,
Nikitin, V.I. - Works of the Institute of Chemistry of the Academy of Sciences of the Tajik S.S.R. in the field of the acetylene based synthesis of new substances, p. 63,
Starikov, V.A. - Next objects for irrigation in the Tajik S.S.R, p. 99,
Nagibin, IA.D. - Tasks of science in the further development of cotton growing in the Tajik S.S.R, p. 113,
Sin'kovskii, L.P. - Springtime pastures in the Garauty natural area, p. 123,
Bune, V.I. - Some results of a 25-year study of earthquakes in Tajikistan, p. 143,
Soldatenkov, N.I. - Some results of scientific research work of the Institute of Stockbreeding of the Academy of Sciences of the Tajik S.S.R. from 1949 to 1954, p. 157,
Lototskii, B.V., Muratov, E.A., Staviskii, IA.D. - Seasonal variability in the virulent nature of pathogenic micro-organisms transferred by argasidae and ixodidae, p. 167,
Savorkin, A.P. - Prospects and methods for the creation of sowed meadows and pastures on nonirrigated grounds in Tajikistan (Pamirs excluded), p. 177,
Rakitin, IU.V., and others. - Autumn chemical cutting of cotton plants, p. 201,

AKADEMIIA NAUK URSR, Kiev. Instytut hidrobiologii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Hydrobiology. Transactions]. Kiev, no. 23, 1949. [In Ukrainian.]
Table of contents translated:
Roll, IA.V. - Progress in Ukrainian hydrobiology during the 30 years of the Soviet power, p. 3,
Markovs'kyi, IU.M. - Division of Dnieper into regions according to plankton fauna, p. 16,
Zerov, K.K. - Studying plant growth in the middle reaches of the Dnieper, p. 36,
Liashenko, O.F. - Fishes of the lower Pripet, p. 55,

No. 32, 1955. Voprosy prudovogo rybovodnogo khoziaistva USSR [Pond fish culture in the Ukrainian S.S.R.].
Table of contents translated:
Movchan, V.A. - Over-all intensification and experimental ecological work in pond fish culture, p. 3,

Konenko, A. D. - Materials on comparative hydrochemical characteristics of ponds of the forest steppe and steppe zones of the Ukrainian S. S. R. p. 37.
Radzimovskii, D. A. - Phytoplankton of newly built fish ponds of the Ukrainian S. S. R. during the first year after they have been filled with water. p. 48.
Miroshnichenko, A. Z. - Zooplankton of newly built ponds of the forest steppe and steppe regions of the Ukrainian S. S. R. p. 67.
Movchan, V. A., Korotkevich, G. G. - Steppe ponds of the Ukrainian S. S. R. and their utilization in fish culture. p. 100.
Vovk, P. S. - Ecological conditions of pond carp culture in the Ukrainian S. S. R. p. 125.
IArmoshenko, N. P. - Raising carp in Nikopol District, Dnepropetrovsk Province. p. 149.

AKADEMIIA NAUK URSR, Kiev. Instytut zoologii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Zoology. Transactions], Kiev, Vol. 8, 1952. Parazyty i parazytozy svils'kykh i promyslovykh tvaryn [Parasites and parasitosis of domestic and game animals]. [In Ukrainian with summaries in Russian.]

Table of contents translated:

Preface. p. 3.
Markevych, O. P. - Urgent tasks in controlling parasite infestations in farm animals. p. 5.
Chebotar'ov, R. S., and others. - Controlling macracanthorhynchosis in swine. p. 15.
Chebotar'ov, R. S. - Etiology and pathogenesis of gastrointeric colics in horses. p. 18.
Chebotar'ov, R. S., Kulakivs'ka, O. P. - Vertical and horizontal migration of the larvae of horse strongyloids. p. 27.
Chebotar'ov, R. S. - Fatal cases of setariosis in horses. p. 31.
Chebotar'ov, R. S. - Fixation of cestodes in the intestines of vertebrates. p. 36.
Pashchenko, L. F. - Helminthic fauna of domestic fowl in Kiev Province. p. 43.
IEmchuk, IE. M. - The ticks of the Eastern Carpathians and Precarpathia. p. 54.
IUrkina, V. I. - Aphaniptera of the Eastern Carpathians. p. 76.
Markevych, O. P. - Materials on parasitic Copepoda of the fishes of the Black Sea. p. 91.
Pogorel'tseva, T. P. - Materials on the parasites of the fishes of the southeastern part of the Black Sea. p. 100.
Kulakivs'ka, O. P. - New species of Gyrodactylus (Monogenea) among the fishes of the Upper Dniester. p. 121.

AKADEMIIA NAUK URSR. L'vivs'kyi naukovyi pryrodoznavchyi muzei. Naukovi zapysky [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Lvov Scientific Museum of Natural History. Scientific Records]. Kiev, vol. 4, 1955. [In Ukrainian and Russian.]

Table of contents translated:

V'ialov, O. S. - Brief review of the facies and conditions of formation of sedimentary rocks in the western provinces of the Ukraine. p. 5.
Pasternak, S. I. - Serpulidae in Cretaceous rocks of the Volyn-Podolian Upland and their significance for stratigraphy. p. 20.
Kotsiubyns'kyi, S. P. - Inocerami of Albo-Cenomanian rocks in the Carpathians. p. 46.
Sandler, IA. M., Vorona, H. P. - Brief lithological description of upper Jurassic deposits in the western provinces of the Ukraine. p. 56.
Balabai, P. P. - Phylogenic relations within the group of aquatous vertebrates. p. 59.
Tatarinov, K. A. - Vertical distribution of mammals in the Eastern Carpathians. p. 80.
Rudyshyn, M. P. Distribution of muskrats in the Shack lake region. p. 92.
Karpenko, I. M., Ivasyk, V. M., Kulakivs'ka, O. P. - Effect of low water temperatures on the wintering of young-of-the-year carp. p. 97.
Zdun, V. I. - Galba truncatula Müll., a carrier of fasciolinsis in Alpine waters of the Carpathians. p. 106.
Malynovs'kyi, K. A., Mel'nychuk, V. M. - Plants in Borzhava mountain pastures, their feeding value, and methods for their improvement. p. 113.
Kollshchuk, V. G. - Vegetative reproduction of European beech (Fagus silvatica L.) in the Carpathians. p. 129.
Mel'nychuk, V. M. - List of mosses in Western Volhynia. p. 139.

AKADEMIIA NAVUK BSSR, Minsk. Vestsi Seryia biialagichnykh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Bulletin, Series in the Biological Sciences.]. Minsk, no. 1, 1956. [In White Russian with summaries in Russian.]

Table of contents translated:

Marhunski, S. P. - Basic results of scientific activities of the Academy of Sciences of the White Russian S. S. R. in 1955. p. 5.
Rusinau, A. - Improvement in the utilization of equipment of machine-tractor stations is the most important condition for the development of the communal economy of collective farms of White Russian Polesye. p. 19.
Rahavoi, P. P., Zhukau, P. I. - Urgent problems in the protection and development of natural resources in the White Russian S. S. R. p. 31.
IUrkevich, I. D. - Observations of the seasonal development of phenological phases of European spindle trees in the White Russian S. S. R. p. 39.
Mishniou, V. H. - Renewal of wood-cutting areas in connection with changes in the varieties of trees in White Russian deciduous spruce-hornbeam forests. p. 51.
Zhebrak, E. A. - Problems in cultivation practices of amphidiploid buckwheat in White Russia. p. 57.
Ziul'kou, H. I. - Cultivating hard wheat on peat bog soils. p. 69.
Luchyna, N. N. - Ways to increase disease resistance and chemical methods for preventing diseases of flax. p. 75.
Chyzheuskaia, I. - Studying the chemical composition of the cover of winter zoosporangia of the fungus Synchytrium endobioticum. p. 79.
Merzhaeuskaia, O. I. - Winter moth (Agrotis segetum schiff.) in western White Russia. p. 87.
Zhukau, P. I. - Species of fish in the White Russian sector of the Neman. p. 97.
Doubik, M. S. - Water birds of Polesye. p. 109.
Tuzava, R. V. - Methods for combatting tuberculosis in birds. p. 129.
Dyl'ko, N. I. - Harboring parasites in cases of babesiasis in cattle and possibilities for discovering latent foci in the Polesye lowland. p. 135.
Cherkasava, L. S., Morazhynski, M. F. - Tissue respiration in cases of the prolonged insulin shock. p. 141.
Leonov, V. A. - Amount of trace elements in human blood and organs. p. 151.
Mogilevskaia, O. K. - Biological characteristics of brain tissue during the healing of brain wounds. p. 155.
Kozlovskaia, N. - Discovery of Minulus guttatus DC in the vicinity of Minsk. p. 159.

BIOFIZIKA [BIOPHYSICS]. Issued by Akademiia nauk SSSR Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 2, 1956.

Table of contents translated:

Trincher, K.S. - Effect of temperature on low- and high-frequency electric conductivity of blood and its connection with the structure of erythrocytes. p. 113.
Krasnovskii, A.A., Volnovskaia, K.K. - Effect of light on the oxidation-reduction transformations of cytochrome and sensitization of these reactions by chlorophyll and bacteriochlorophyll. p. 120.
Aladzhalova, N.A. - Superslow rhythmical changes in the electrical potential of the brain. p. 127.
Shekhtman, IA.L. - Radiobiological effect in wheat seeds as affected by dessication. p. 137.
Kuzin, A.M., Plyshevskaia, E.G. - Role of complex formation in the radioresistance of myosin. p. 141.
Rozenfel'd, E.L., Plyshevskaia, E.G. - Effect of X-ray irradiation and heat on the capacity of egg albumin to form complex compounds with glycogen. p. 143.
Bibergal', A.V. - Comparative evaluation of rotary irradiation methods. p. 146.
Seletskaia, L.I. - Perception of the polarization of light by the compound eye of the bee. p. 155.
Smirnov, M.S., Bongard, M.M. - Threshold and colorimetric methods for studying color sense. p. 158.
Rovinskii, B.M., Liutsau, V.G., Avdeenko, A.I. - X-ray shadow microscopy in biology. p. 163.
Evreinova, T.N. - Ultraviolet microscopy in studying conservates. p. 167.
Malboroda, G.M. - Electronoscopic investigation of the macromolecular structure of serum albumins and globulins. p. 170.
Smirnov, M.S., Bongard, M.M. - On contrasting colors. p. 174.
Fedorov, N.T. - Fundamental features in the field of color contrast; concerning M.S.Smirnov's and M.M. Bongard's article "On contrasting colors." p. 178.
Meisel', M.N., Frank, G.M. - Conference on microscopy. p. 183.
Niuberg, N.D. - Conference on physiological optics. p. 189.
Bibliography. p. 190.

Vol. 1, no. 3, 1956.

Table of contents translated:

Deriagin, B.V., Volnovich, M.P. - Petr Petrovich Lazarev, founder of Russian biophysics. p. 193.
Maksimov, G.A., Krukova, L.M. - Investigating the mechanism of the exchange of heat and substances in plant seeds when heated by a high-frequency electric field. p. 201.
Shekhtman, IA.L., Radzievskii, G.B. - Reproduction of the roentgen unit for gamma rays with the aid of an extrapolation camera. p. 206.
Sondak, V.A. - Injury of the organism caused by the introduction of small doses of radioactive phosphorus. p. 211.
Livshits, N.N. - Conditioned reflex activity in dogs as affected by continuous ionizing irradiation of the head. p. 221.
Gracvskaia, B.M., Kollina, R.IA. - Decrease in the sensitivity of animals to fatal doses of X rays following irradiation with nonfatal doses. p. 232.
Breslavets, L.P., Bell, L.N. - Comparative study of the effect of ultraviolet and infrared rays on the prothallium of ferns (Dryopteris pulnulosum). p. 237.
IArbus, A.L. - Plethysmography of the eyeball. p. 242.
Rautian, G.N. - New classification of the forms of color sense. p. 245.
Kanavets-IAkovleva, O.L. - Effect of the brightness of background and the angle of action of glaring light on complex motor reactions in man. p. 254.
Meisel', M.N., Sondak, V.A. - Fluorescence microscopic investigation of early changes in the bone marrow and blood of irradiated animals. p. 262.
Frimer, A.I. - Some problems connected with present-day methods of investigation in electron microscopy. p. 274.
Zaides, A.L. - Structure and specific properties of collagen. p. 279.
Emel'ianov, K.N. - Electrolytic thermobatteries for irradiation measurement. p. 284.
Kozhevnikov, V.A. - Stable direct-current amplifier. p. 292.
Ernst, E. - Semiconductors and the problem of excitation. p. 296.
Shekhtman, IA.L. - "Fundamentals of radiobiology"; review. p. 301.
Bibliography. p. 303.

Vol. 1, no. 4, 1956.

Table of contents translated:

Nasonov, D.N., Suzdal'skaia, I.P. - Effect of temperature on the excitability of peripheral nerves in cold-blooded and warm-blooded animals (reptiles, birds). p. 305.
Sverdlov, S.M. - Some remarks concerning the physiological properties of nerves and muscles of the anodonta. p. 313.
Spitkovskii, D.M. - Viscosimetric determination of the molecular weight of desoxyribonucleic acid. p. 319.
Krasnovskii, A.A., Nesterovskaia, E.A., Gol'denberg, A.B. - Spectral investigation of the state of chlorophyll in the red alga Phyllophora. p. 326.
Moshkov, B.S. - Effect of photoperiodic conditions on the diurnal rhythm of movements of bean leaves (Phaseolus). p. 334.
Bagdyk'iants, G.O. - X-ray shadow microscopy. p. 341.
Frank, G.M. - New submicroscopic cell structures revealed in the electron microscopy of ultrafine sections. p. 346.
Stoianova, I.G. - The darkfield method in electron microscopy. p. 362.
Draganov, K.I. - Electron microscopy in the study of the ontogenesis of viruses. p. 370.
Protsenko, A.E. - Electronoscopic observation of particles in the sap of plants affected by virus diseases. p. 376.
Skobel'skii, M.D. - Possibilities of light optics applicable to the study of virus particles. p. 379.
Avakian, A.A., Akopian, A.T., Busniuk, M.M. - Phase-contrast microscopy in virusology. p. 383.
Bukhman, M.P., Kostina, L.I. - Investigating the pigments of tumor cells with the ultraviolet microscope. p. 387.
Aleksandrov, V.IA., Svoshnikova, I.N. - Fluorescence microscopy in paleobotany. p. 390.
Ivanov, D.D. - Preliminary data with regard to fluorescence microscopy of neurons. p. 391.
Gora, L.E. - Microspectrophotometric apparatus for cyto- and histochemical analysis. p. 396.
Sondak, V.A., Ruderman, A.I. - Effect of vitamin P. (tannin of tea leaves) on the permeability of blood capillaries. p. 399.

BIOFIZIKA, BIOKHIMIIA, FIZIOLOGIIA, MIKROBIOLOGIIA; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [BIOPHYSICS, BIOCHEMISTRY, PHYSIOLOGY, MICROBIOLOGY; Classified Index of Articles in Foreign Periodicals]. Issued by Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature]. Moscow, no. 7(43), 1956.

BIOKHIMIIA [BIOCHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 21, no. 3, May-June 1956. [With English or German summaries in insert.]

Table of contents translated:

Kamalian, G.V., Araksian, S.M. - Effect of di- and triethanol amines on auto-oxidation of fats. p. 313.
Sizov, M.I. - Effect of temperature and storage time of meat on the physicochemical properties of its salt-soluble protein. p. 317.
Goriachenkova, E.V. - Mechanism of action of diamine oxidase (histaminase). p. 322.
Sisakian, N.M., Melik-Sarkisian, S.S. - Nature of proteins of chloroplasts. p. 329.
Shabarova, N.T. - Intermediate decompositon products of the organic substance of marine organisms (under laboratory conditions). p. 340.
Rubin, B.A., Ladygina, M.E. - Data on characteristics of cytochrome oxidase in plants. p. 347.
Shemanova, G.F., Bingoveshchenskii, V.A. - Hexokinase of Clostridium oedematiens and certain of

its properties. p. 356.
Sytinskii, I. A. - Modification in the adenosinetriphosphoric acid system in cerebral tissue in various functional states of the central nervous system. p. 359.
Petrova, A. N., Bekina, R. M. - Inhibition of the phosphorylation of glucose in the liver in alloxan diabetes. p. 368.
Boichenko, E. A., Zakharova, N. I. - The course of carbon in photosynthesis. p. 374.
Popov, V. R. - Oxidation of amino acids in the presence of tannic substances and polyphenoloxidase of tea. p. 380.
Sheves, G. S., Riumina, V. I. - Effect of denervation on the intensity of oxidation in white and red muscles. p. 385.
Kometiani, P. A., Klein, E. E. - Reamination of the adenylic system in the nervous and muscular systems. p. 389.
Baserova, IA., Shorm, F. - Certain aspects of arginine metabolism in birds. p. 397.
Samsonov, G. V., Faddeeva, M. D. - Chromatography of insulin on ion-exchanging resins. p. 403.
Rozenfel'd, E. L., Lukomskaia, I. S. - Splitting of 1:6 bonds of dextran by animal tissue. p. 412.
Efimenko, O. M., Kuznetsova, G. A., IAkimov, P. A. - Prodigiosin, an antibiotic from Bacterium prodigiosum. p. 416.
IUshkevich, N. L., Kedrovskii, B. V. - Splitting of protein tryptophan in organs and tissues of mammals with some considerations of its physiological role. p. 422.
IAkhnina, D. N. - Alkali-soluble phosphorus fraction in the gastric mucosa. p. 429.
Lisovskaia, N. P. - Role of the glycolytic and oxidative mechanisms of phosphoprotein metabolism. p. 434.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 41, no. 4, Apr. 1956.
Table of contents translated:
Sochava, V. B. - Fortieth anniversary of the congress of representatives of Russian botanical institutions and the organization of the All-Union Botanical Society. p. 465.
Sukachev, V. N. - Some present-day problems in the study of plant life. p. 476.
Chailakhian, M. Kh. - Ontogenesis and the integrity of the plant organism. p. 487.
Kuznetsov, V. V. - Growth and food consumption of littoral marine macrophytes in the Barents and White Seas. p. 510.
Moiseeva, M. N. - Discussion on phytohormones. p. 522.
Methods of botanical research:
Rodionov, M. S. - Methods for determining the amount of foliage in young shelterbelts. p. 532.
Miroslavov, E. A. - Determining the winter evaporation surface of the birch. p. 534.
Vlodavets, V. V. - Using rosolic agar in mycological research. p. 537.
Brief reports:
Sadykhov, A. M. - Cases of double and triple wheat kernels. p. 540.
Mikhailova, P. V. - Variability in the type of the grape flower. p. 542.
Vasil'chenko, I. T. - Heterophylly in pears as representatives of the genus Pyrus L. p. 549.
Terekhova, A. F. - Studying the root system of red clover. p. 553.
Matienko, B. T. - Anatomical structure of the pericarp of cultivated melons (Melo Adans.) p. 558.
Moiseeva, M. N. - Physiologically active substances in the tissues of grasses. p. 560.
Tiurin, A. V. - Flowering time of Scotch pine in the European part of the U. S. S. R. p. 568.
Pestinskaia, T. V. - Characteristic features of the biology of the fungus Pythium de Baryanum Hesse and ways for suppressing it in the soil. p. 571.
Zoz, I. G. - New and rare plants for Kharkov Province, Ukrainian S. S. R. p. 575.
Galin, M. A. - The rule of precedence. p. 578.
Reviews and bibliography:
Kirpichnikov, M. E. - "Flora of Leningrad Province," no. 1. p. 582.
Proshkina-Lavrenko, A. I. - "Oogamy in Bidduiphia mobiliensis and the previously observed auxospore formation in Centrales." H. A. Stoshch. p. 583.
Kogan, Sh. I. - "Aquatic and littoral vegetation of the Murgab reservoirs." V. V. Nikitin, A. A. Meshcheriakov. p. 584.
Chastukhin, V. IA. - "Transactions of a conference on plant mycotrophy." p. 586.
Gorchakovskii, P. L. - "Phytogeographical investigations in the southern part of the Polar Urals." E. L. Liubimova. p. 588.
History of science:
Kuprianov, V. V. - S. P. Krasheninnikov and his pupil K. I. Shchepin. p. 592.
Anniversaries and dates:
Dzhangurazov, F. Kh., Chevreuldi, S. Kh. - Vasilii Petrovich Drobov. p. 597.
Dzhangurazov, F. Kh. - Vladimir Mikhailovich Savich. p. 602.
Lavrenko, E. M. - In memory of A. P. Il'inskii. p. 607.

Science abroad: Gorlenko, M. V. - International conference on nematode diseases of plants and excursions in the Netherlands. p. 611.
Brief news:
Sabardina, G. S. - Botanical expedition in the Estonian S. S. R. p. 616.
Lodkina, M. M. - The V. L. Komarov Botanical Institute of the Academy of Sciences of the U. S. S. R. in March 1956. p. 617.

DEISTVIE IZLUCHENII I PRIMENENIE IZOTOPOV V BIOLOGII; sbornik sokrashchennykh perevodov i referatov inostrannoi periodicheskoi literatury [EFFECT OF RADIATION AND APPLICATION OF ISOTOPES IN BIOLOGY; Abridged Translations and Abstracts of Foreign Periodical Literature]. Moscow, vol. 7, no. 3(27), 1956. Ser. A: Biologicheskoe deistvie izluchenii [Biological effect of radiation].

ESTESTVOZNANIE V SHKOLE [NATURAL HISTORY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 4, July-Aug. 1956.
Table of contents translated:
Mel'nikov, M. I. - Experience of progressive biology teachers. p. 3.
Prutskova, M. G. - Varieties of grain crops. p. 11.
Napalkov, A. V. - Regeneration of lost functions. p. 17.
Kimriakov, V. A., Gerd, M. A. - Naturalist and animal trainer. p. 21.
Brunovt, E. P. - Changes in the biology program. p. 26.
Bellaeva, V. N. - Concept of the cell structure of plants. p. 28.
Rykov, N. A. - Study of the Protozoa. p. 33.
Maidanov, M. R. - Familiarizing students with agriculture in the process of teaching botany. p. 41.
Koval'chuk, P. K. - Organization of work on a school experimental plot. p. 44.
Paporkov, M. A., Ivushkina, M. I. - Conducting practical work in stockbreeding in a rural school. p. 48.
Kralin, P. I. - Separate harvest of grain crops in the wax stage. p. 54.
Kartuzova, M. A. - Determining the quality of seed grain, its preparation for storage, and the rules for storage. Grain-cleaning machines. p. 60.
Avaev, M. G. - Spring tillage. Tillage equipment: the plow and cultivator. p. 65.
Markov, A. S. - Use of films in laboratory work in agriculture. p. 71.
Fedorov, P. A. - Experimental work of young naturalists. p. 77.
Andreev, I. I. - Raising Chinese pernyi silkworms. p. 82.
Levin, G. G. - Some experiments with Infusoria. p. 84.
Testing and grading students' knowledge. p. 86.
Soliber, G. L., and others. - The section "Bacteria" in the book by N. M. Versilin "Principles of the methods of teaching botany." p. 89.
Binas, A. V. - "Experiments with cultivated plants in a school nature corner." p. 92.
Usol'tseva, A. S. - "Secrets of the green world." p. 94.
Shalaev, V. F. - The periodical "IUnyi naturalist." p. 95.

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL] Issued by Instytut fiziologii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 1, no. 1, Jan.-Feb. 1955. [In Ukrainian.]
Table of contents translated:
Editorial. p. 3.
H. V. Fol'bort; on his 70th birthday. p. 5.
Motsnyi, P. IE. - Materials on the characteristics of central excitation. p. 7.
Shcherbakov, N. M., Sokolova, IE. A. - Effect of light and darkness on conditioned reflex activity. p. 15.
Novi, V. A. - Effect of muscular activity on unconditioned salivary reflexes in man. p. 25.
Topchilova, K. P. - Analysis of the conditioned reflex arc to the heart. p. 33.
Hurevych, M. I., Il'chevych, M. V. - Materials on the problem of the effect of prolonged sleep on the course of clinical and experimental hypertension. p. 40.
Zel'inskyi, S. P. - Effect of blood serum of schizophrenics on the respiration of brain tissue. p. 46.
Vakoliuk, N. I. - Importance of the duration of sleep for its effectiveness in restorative processes. p. 54.
Myronchyk, K. V. - Reflex effect from oral and abdominal cavities on the blood pressure level in dogs. p. 57.
Zaitseva, T. I. - Secretory function of the stomach as affected by different methods of stimulating the gastric glands. p. 63.
Zlatin, R. S. - Changes in the secretory function of salivary glands in connection with fatigue and restoration. p. 70.
Trakhtenberg, I. M., Savyts'kyi, I. V. - Characteristics of active relaxation during dynamic work. p. 76.
Muravov, I. V. - Relation between the functional state of nerve centers in the restorative action of active relaxation. p. 83.

Maksymova, O. F. - Changes in the capacity for muscular work in people of various ages during and after static work. p. 91.
Podshybiakin, A. K. - Trophic reflex influences from the active points of the skin on the internal organs as an additional factor in treating pregnancy toxicosis. p. 98.
Vynohradova, S. P., Tymoshenko, L. V. - Importance of the investigation of electric potentials of the active points of the skin in obstetrical work practice. p. 104.
Milunova, D. K. - Morphological changes in different sections of the spinal arc. p. 109.
Kosareva, V. Z. - The sensory terminals of human spinal cord ganglia. p. 115.
Kvasnyts'kyi, O. V. - New method for making a fistula of the parotid gland in farm animals. p. 120.
Zdanievych, K. S. - New method for the extirpation of spinal ganglia. p. 124.
Kondratovych, M. A. - Central neural regulation of vascular tonus; survey of literature. p. 126.
Preparing for the coming All-Union Congress of Physiologists, Biochemists, and Pharmacologists. p. 134.
Romodanov, A. P. - At the second scientific session of the Institute of Neurosurgery of the Ministry of Health of the Ukrainian S. S. R. p. 136.
I. P. Razenkov; obituary. p. 140.

Vol. 1, no. 2, Mar.-Apr. 1955. [In Ukrainian.]
Table of contents translated:
Medviedieva, N. B. - Vladimir Petrovich Filatov; on his 80th birthday. p. 3.
Fudel'-Osypova, S. I., Mezhenina, IE. P. - Electric activity of the muscles of children with congenital spastic cerebral paralysis during spontaneous contractions and changes in this activity following a treatment with tropacin. p. 7.
Tarakhova'kyi, M. I., Neva'ka, T. L. - Comparative effect of a new synthetic derivative of pentamethonium on ganglionic synapses. p. 15.
Reva, O. D. - Functional state of the nerve centers of spinal cord in total anesthesia. p. 21.
Stelsenko, M. D. - Effect of rectolinear impulses of rectified current on the central nervous system in dogs. p. 30.
Aksent'iev, S. B. - Investigating reflex reactions of the hypophysis to stimulation by light in animals in a continuous experiment. Report no. 1. p. 38.
Shchupak, B. N. - Diurnal fluctuations of body temperature in man during the polar day. p. 47.
Bosyi, M. K., Kovtun, A. P. - Studying aftereffect inhibition following the prolonged effect of a differentiated stimulus. p. 55.
Hurevych, M. I. - Disorders in the higher nervous activity in experimental renal hypertension. p. 62.
Loslev, V. A. - Role of the allergy factor in the development and course of experimental renal hypertension. p. 73.
Zaiko, M. M., Minis, S. M. - Experimental data on the reflex regulation of the tonus of the eye. p. 78.
IAnkova'ka, H. S. - Change in the reaction of the organism to blood transfusion following preliminary injection of novocaine. p. 90.
IErenkov, V. A. - Interoceptive influences from the large intestines and bladder on the function of the diaphragm. p. 93.
Raitses, V. S. - Mechanism of the effect of acute hypoxia on gastric motor function. p. 99.
Menshykh, IU. IU. - The "breaking-in" of the neuromuscular apparatus of warm-blooded animals. p. 103.
Petrun', M. M. - Effect of caffeine on the secretion of carbon dioxide through human skin. p. 108.
Smyk, M. M., Fishchenko, L. IA. - Disorders in the formation of urea in experimental thyrotoxicosis. p. 113.
Bromberg, E. D. - Characteristic features of aseptic inflammation in various conditions of the nervous system. p. 117.
Tkachenko, Z. IA. - Division of nerve cells in ganglia of Auerbach's plexus of the appendix in full-grown animals. p. 120.
Medviedieva, N. B. - Theory of the reactive changes in the adrenal cortex. p. 134.
Faitel'berg-Blank, V. R. - P. A. Spiro, an outstanding Russian physiologist. p. 140.

Vol. 1, no. 3, May-June 1955. [In Ukrainian.]
Table of contents translated:
Kavets'kyi, R. IE. - Oleksandra Ivanivna Smyrnova-Zamkova; on her 75th birthday. p. 3.
Henis, IE. D. - Effect of functional disorders in the cerebral cortex on the development of senilism. p. 7.
Podshybiakin, A. K., Vashotko, V. M. - Topographic changes in the electric potentials of the skin in some mental diseases. p. 16.
Kostiuk, P. H. - Effect of potassium ions on excitation and inhibition in a two-neuron reflex arc. p. 27.
Cherkas'kyi, L. P. - Interoceptive influences from the lungs on blood circulation and respiration in experimental renal hypertension. p. 37.
Shaliapin, V. V., Stanko, IE. A. - Investigating blood pressure and respiration in experimental epilepsy. p. 43.
Aleksentseva, E. S. - Effect of arterial hypertension

on the emaciation and restoration of gastric glands. p. 51.
Tymchenko, V. B. - Effect of various strength of stimulation on the balance between emaciation and restoration. p. 60.
Kondrashov, S. I. - Functional characteristics of glossal muscles. p. 64.
Miklin'ov, A. L., Karapata, O. P. - Classification of hypertension. p. 70.
Kysel'ova, O. F., Lauer, N. V. - Morphological changes in dogs in experimental renal hypertension. p. 78.
Brusylova'kyi, IE. S., Kvitnyts'kyi, M. IE. - The physiological mechanisms of a method for clinical electrocardiographic determination of the functional state of the myocardium and coronary blood circulation. p. 80.
Zak, K. P. - Effect of synestrol on the blood and blood-producing organs. p. 91.
Tora'ka, I. V. - Effect of a preparation of adenosinetriphosphoric acid on the development and course of experimental myodystrophy; histological part of the study. p. 95.
Zholia, N. A. - Effect of radioactive phosphorus on the general condition and motor function of the gastrointestinal tract in dogs. p. 102.
Shur'ian, I. M. - Effect of external and internal irradiation on the peripheral blood and bone marrow of rabbits. p. 109.
Chebotar'ov, IE. IU. - History of Russian radiobiology. p. 118.
Hatsaniuk, M. D. - Apparatus for the investigation of gas exchange in small animals. p. 123.
Makarchenko, O. F., Kolchyns'ka, A. Z. - At the Eighth Congress of the All-Union Society of Physiologists, Biochemists, and Pharmacologists. p. 131.

FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 3, no. 3, May-June 1956. [With English summaries in insert.]

Table of contents translated:

Bystrov, B. A., Pavlova, A. P., Falkenberg, E. A. - Quality of fertilization and intensity of assimilation and respiration in the pumpkin and sunflower. p. 185.
Shkolnik, M. IA., and others. - On the causes of the specific role of boron in reproductive organ development, fertilization, and fruit formation. p. 191.
Kruzhilin, A. S., Nazirov, N. N. - Peculiarities of the phasic development of some varieties of cotton. p. 199.
Shormova, Z., and others. - Stimulating action of 5-bromouracil on higher plants. p. 204.
Baskakov, IU. A., Mol'nikov, N. N. - On transformations of growth stimulators in plants (1-alkylindolyl-3-acetic acids). p. 208.
Kursanov, A. L., Karapetian, B. B. - The physiological role of chlorophyll in tomato fruits. p. 214.
Rakitin, IU. V., Krylov, A. V., Kolesnikov, A. A. - On dark fixation of carbon dioxide by plants. p. 225.
IAstrebov, M. T. - Influence of fertilizer placement methods on root vitality and yield of summer wheat. p. 233.
Molotkovskii, G. Kh. - Coefficients of polarity and graduation of the coefficient of the formation and distribution of substances in plants. p. 243.
Shkol'nik, R. IA. - Organic acid content of tomato leaves during the development of the plant. p. 252.
Dadykin, V. P., Igumnova, Z. S. - Amino acid content of aerial roots of corn. p. 259.
Kalinkevich, A. F., Aleksandrovskaia, V. A. - Physiological basis for the placement of fertilizers in potato hills. p. 263.
Svinarev, V. I., Barannikova, E. V. - Influence of substances discharged by germinating rice seeds on the relation between rice and the millet Echinochloa crus galli (L.) R. et Sch. p. 272.
Butenko, R. G. - Culture of isolated plant tissues. p. 277.
Evert, A. F. - Concerning the method for studying rudimentary ears. p. 287.
Dagis, I. K. - "Vitamins in the life of plants." K. E. Ovcharov. p. p. 290.
Genkel', P. A. - Eighty-fifth birthday of L. A. Ivanov. p. 292.

Vol. 3, no. 4, July-Aug. 1956.

Table of contents translated:

Rakitin, IU. V., Povolotskaia, K. L., Sedenko, D. M. - Some changes in the metabolism of tomato flowers and fruit under the influence of 2, 4-D and 2, 4, 5-trichlorophenoxyacetic acid. p. 297.
Abutalybov, M. G. - Distribution of calcium in plants. p. 306.
Zemlianukhin, A. A. - Physiological changes in plants produced by ascorbic acid. p. 313.
Strogonov, B. P., Ivanitskaia, E. F., Cherniadeva, I. P. - Effect of high concentrations of salts on plants. p. 319.
Gurevich, A. A., Miachina, O. N. - Relation between the photosynthesis of leaves and the assimilate consumption of plants. p. 326.
Portianko, V. F. - Using hydrogen peroxide in experiments on raising plants in water solutions and for speeding up the rooting of cuttings. p. 333.
Genkel', P. A., Antipov, N. I. - Water cycle of cuhalophytes under natural circumstances. p. 337.
Nezgovorova, L. A. - Effect of nitrogen nutrition of plants on the $CO_2$ fixation of leaves in darkness. p. 343.
Godnev, T. N., Sudnik, N. S. - Chlorophyll concentration in the chloroplasts of sweet cherry leaves as affected by the light regime. p. 352.
Dostal', R. - Significance of the correlative influences of roots and leaves in the morphogenesis of plants. p. 355.
Smirnov, A. M. - Isolated root cultures in plant physiology. p. 368.
Bolarkin, A. N. - Multicolored appearance of amino acids in paper chromatograms. p. 381.
Voskresenskaia, N. P., Bell, L. N. - "Using radioactive carbon for studying photosynthesis." O. V. Zalenskii, O. A. Semikhatova, V. L. Voznesenskii. p. 387.
Kleshnin, A. F. - "Fertilizing plants with carbon dioxide." V. A. Chesnokov, A. M. Stepanova. p. 388.
Ovcharov, K. E. - Conference on the defoliation of cotton plants before harvesting. p. 389.
Shvedskaia, Z. M. - Coordinating conference of physiologists on the problem "Nutrition, growth, and development of plants in connection with their habitat." p. 390.

FLORA AZERBAIDZHANA [FLORA OF AZERBAIJAN]. Issued by Institut botaniki Akademii nauk Azerbaidzhanskoi SSR [Institute of Botany of the Academy of Sciences of the Azerbaijan S. S. R.]. Baku, vol. 5, 1954. Rosaceae-Leguminosae.

Table of contents translated:

Karlagin, I. I. - Systematic index of species in volume 5.
Aliev, R. A. - Family Leguminosae, genera: Alhagi, Arachis, Coronilla, Doryenium, Ewersmannia, Hippocrepis, Lespedeza, Securigera.
Akhundov, G. F. - Family Rosaceae, genera: Agrimonia, Aphanes, Argyrolobium, Comarum, Cytisus, Dryas, Filipendula, Fragaria, Genista, Geum, Goebelia, Laburnum, Poterium, Sanguisorba, Sibbaldia, Sophora, Spartium.
Gadzhiev, V. D. - Family Leguminosae, genera: Melilotus, Trigonella, Anthyllis, Lotus.
Isaev, IA. M. - Family Leguminosae, genus Medicago.
Kadyrov, G. M. - Family Rosaceae, genera: Amygdalus, Armeniaca, Cerasus, Laurocerasus, Padus, Persica, Prunus.
Karlagin, I. I. - Tables for identifying the families Rosaceae and Leguminosae. Family Rosaceae, genus Rubus; family Leguminosae, genera: Cajanus, Cicer, Dolichos, Glycine, Hedysarum, Lathyrus, Lens, Lupinus, Ononis, Ornithopus, Orobus, Phaseolus, Pisum, Pueraria, Vavilovia, Vigna.
Prilipko, L. I. - Family Rosaceae, genera: Amelanchier, Aruncus, Chaenomeles, Cotoneaster, Crataegus, Cydonia, Eriobotrya, Malus, Mespilus, Photinia, Pyracantha, Sorbus, Spiraea.
Family Leguminosae, genera: Acacia, Albizzia, Amorpha, Caesalpinia, Caragana, Cassia, Cercis, Colutea, Galega, Gleditschia, Glycyrrhiza, Hallimodendron, Lagonychium, Oxytropis, Robinia, Sphaerophysa, Wistaria.
Rzazade, G. IA. - Family Leguminosae, genus Astragalus.
Tamamshian, S. G. - Family Rosaceae, genus Potentilla; family Leguminosae, genera Onobrychis and Vicia.
Fedorov, An. A. - Family Rosaceae, genus Pyrus.
Khalilov, E. Kh. - Family Leguminosae, genus Trifolium.
Khrzhanovskii, V. G. - Family Rosaceae, genus Rosa.
IUzepchuk, S. V. - Family Rosaceae, genus Alchimilla.
Addenda: Diagnosis of new species.
Fedorov, An. A. - Table for identifying species of the genus Astragalus.
Karlagin, I. I. - Index of Russian and Latin plant names.
Akhundov, G. F. - Index of Azerbaijani plant names.

Vol. 6, 1955. Geraniaceae - cornaceae.

Table of contents translated:

Karlagin, I. I., Makhmudbekov, N. I. - Systematic index of species in volume 6.
Agadzhanov, S. D. - Families Oxalidaceae, Frankeniaceae, Onagraceae, Umbelliferae (Bunium).
Akhundov, G. F. - Family Umbelliferae, subfamilies Hydrocotyloideae, Saniculoideae, Apioideae (except genera Echinophora, Chaerophyllum, Golenkinianthe, Torilis, Prangos, Bupleurum, Cuminum, Bunium, Pimpinella, Albovia, Anethum and tribes Peucedaneae and Dauceae of the subfamily Apioideae).
Table for identifying genera of the family Umbelliferae.
Kuliev, A. M. - Family Malvaceae.
Prilipko, L. I. - Families Zygophyllaceae, Simarubaceae, Meliaceae, Buxaceae, Anacardiaceae Aulfoliaceae, Celastpaceae, Aceraceae, Sapindaceae, Hippocastranaceae, Balsaminaceae, Rhamnaceae, Vitaceae, Tiliaceae, Tamaricaceae, Passifloraceae, Dalliscaceae, Thymelaceae, Elaeagnaceae, Myrtaceae, Punicaceae.
Rzazade, R. IA. - Families Linaceae, Guttiferae, Hippuridaceae, Araliaceae, Cornaceae.
Karlagin, I. I., Makhmudbekova, N. I. - Alphabetical index of Russian and Latin plant names.
Aliev, R. A. - Family Polygalaceae.
Gadzhiev, V. D. - Families Euphorbiaceae (Andrachne, Chrozophora, Mercurialis), Empetraceae.
Isaev, IA. M. - Families Elatinaceae, Hydrocaryaceae, Hallorhagidaceae, Violaceae.
Kadyrov, G. M. - Family Geraniaceae.
Karlagin, I. I. - Families Trapaeolaceae, Rutaceae, Euphorbiaceae, (Ricinus, Alcurites), Callitrichaceae, Bombaceae, Theaceae, Cistaceae, Lythraceae, Umbelliferae, Echinophora, Chaerophyllum, Golenkinianthe, Torilis, Prangos, Bupleurum, Cuminum, Pimpinella, Albovia, and tribes Peucedaneae and Dauceae of the subfamily Apioideae.
Akhundov, G. F., Isaev, IA. M., Rzazade, R. IA. - Alphabetical index of Azerbaijani plant names.

IUNYI NATURALIST [YOUNG NATURALIST]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Kommunist Youth League of Lenin]. Moscow, no. 1, Apr. 1956.

Table of contents translated:

Message to Pioneers, students, and young Soviet disciples of Michurin. p. 1.
Korchagina, V. - From spring to snow. p. 8.
Andreev, V. - Whose pigeons rise above Moscow. p. 10.
Leonov, Leonid. - In defense of a green friend. p. 14.
Prishvin, M. - Spruce forest, Hops; stories. p. 16.
Musatov, A. - Faithfulness; a story (to be continued). p. 17.
Zorin, F. - From the diary of a plant breeder. p. 23.
Bianki, Vit. - The most and best! p. 25.
Plavil'shchikov, N. - Calendar of nature; May. p. 26.
Lysenko, T. D. - How a plant is nourished. p. 29.
Birth of a new tree; interview with A. S. IAblokov. p. 34.
Gunar, I. I. - Chemical weeding. p. 30.
Baruzdin, Sergei. - The first winter. p. 38.
Look up and read these books... p. 39.
It seems... p. 40.

No. 4, July 1956.

Table of contents translated:

In defense of a green friend. p. 1.
The bank of young naturalists' experience. p. 6.
Efetov, M. - The adventures of Kolia Peropelkin; a story. (to be concluded). p. 9.
Tour of an exhibition. p. 14.
Rees, Leslie. - The story of Karrawingi, the emu; a tale. (to be concluded). p. 20.
Korncev, A. - Korncev tomatoes. p. 25.
Seek and fight; 40th anniversary of the death of the eminent Russian biologist I. I. Mechnikov. p. 26.
Graben', L. K. - Amazing transformation. p. 29.
Korsh, IA. - A sixth sense. p. 32.
It seems... p. 34.
Rakovskaia, N. - How wolves became dogs. p. 35.
Farutin, M. - Along forest paths; stories. p. 38.
Do it yourself. p. 40.

No. 5, Aug. 1956.

Table of contents translated:

Lamberov, A. - That is impossible to forget. p. 1.
Khalifman, I. - Story about ant lions. p. 4.
Makrushenko, P. - Viviparous plants. p. 7.
Our answers to letters. p. 8.
It turns out that the silver beach is a reality. p. 9.
The bank of young naturalists' experience. p. 10.
Zigol', F. - Voyage to the moon. p. 13.
We are friends of nature. p. 14.
Efetov, M. - Adventures of Kolia Peropelkin; a tale. p. 18.
Shmankovich, Andrei. - How rice porridge grows. p. 22.
Chernenko, S. - Apple calendar. p. 29.
Vol'por, I. - Mystery of green leaves. p. 35.
Prishvin, M. - Gathering raspberries; a sketch. p. 38.
Sidorov, N. - A sly grasshopper; a fairytale. p. 39.
Kozyr', I. - Learn to work with a microscope. p. 40.

KARADAGS'KA BIOLOGICHNA STANTSIIA. Trudy [KARADAG BIOLOGICAL STATION. Transactions]. Kiev, no. 12, 1952.

Table of contents translated:

Tkacheva, K.S. - Biology of the young of gray mullet found in the Black Sea near Karadag. p. 3.
Tkacheva, K.S. - Biology of the sea perch Serranus scriba L. in the Black Sea. p. 26.
Pogorel'tseva, T.P. - New trematodes for the fishes of the Black Sea. p. 29.
Bokova, E.N. - Nutrition of the isopod Idothea baltica (Pallas) in the Black Sea. p. 40.
Bekman, M.IU. - Materials for a quantitative analysis of the benthonic fauna of the Black Sea near Karadag. p. 50.
Sharonov, I.V. - Fauna of the rocks and stones of the Black Sea near Karadag. p. 68.
Klitcharov, K.V. - Materials for a quantitative analysis of the zooplankton of the Black Sea near Karadag. p. 78.
Generalova, V.N. - Materials for identifying the algae of the Gudauty oyster bank in the Black Sea near

the Caucasian coast. p. 96.
Dzhelileva, P.D. - Some data on the chemical composition of the Black Sea algae (macrophytes). p. 101.
Kruchakova, F.A. - The alkali, alkaline earth metal, and iron content of the muscles of some Black Sea fishes and invertebrates. p. 111.
Prokudina, L.A. - Catalog of the fauna and flora of the Black Sea region near the Karadag Biological Station. p. 116.
Prokudina, L.A. - List of literature on the fauna and flora of the Black Sea region near the Karadag Biological Station. p. 128.

MATERIALY K POZNANIIU FAUNY I FLORY SSSR. Otdel zoologicheskii [CONTRIBUTIONS TO THE KNOWLEDGE OF THE FAUNA AND FLORA OF THE U.S.S.R. Zoological Section]. Issued by Moskovskoe obshchestvo liubitelei prirody [Moscow Society of Naturalists]. Moscow, no. 6(21), 1947. Ryby basseina verkhnei Pechory [Fishes of the upper Pechora basin].
Table of contents translated:
Nikol'skii, G. V., and others. - Fishes of the upper Pechora basin. p. 5.
Chernova, O. A. - May fly larvae of the upper Pechora basin. p. 203.
Stalborskaia, T. V. - Parasites of fishes of the Pechora River. p. 209.

MIKROBIOLOGICHNYI ZHURNAL [JOURNAL OF MICROBIOLOGY]. Issued by Instytut mikrobiologii Akademii nauk URSR [Institute of Microbiology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 2/3, 1948. [In Ukrainian.]
Table of contents translated:
Drobot'ko, V.H. - Work of the D.K. Zabolotnyi Institute of Microbiology of the Academy of Sciences of the Ukrainian S.S.R. during the time of its existence, 1929-1947. p. 5.
Bel'tiukova, K.H. - History of the study of plant bacteriosis during the Soviet regime in the Ukraine. p. 12.
Pidoplichka, M.M., Bilai, V.I. - Studying the role of toxic fungi in the diseases of man and domestic animals. p. 22.
Klein, D.I. - Results of and prospects for work on the nature of bacteriophages at the D.K. Zabolotnyi Institute of Microbiology of the Academy of Sciences of the U.S.S.R. p. 29.
Nepomniashcha, M.L., Liberman, L.A., Medvyns'ka, L.IU. - Bacteriophagic phenomena in the dairy industry. p. 34.
Novikova, N.S. - Bacterial diseases of kok-saghyz. Report no. 1. p. 48.
Pidoplichka, M.M. - New species of fungi found on fodder. Report no. 1. p. 53.
Frenkel', H.M. - Attenuated forms of Streptococcus lactis. p. 63.
Morhun, L.H. - Thermostabile components of complement (C' and C'') in different kinds of animals. p. 71.
Klein, B.I., Shur-Shul'ts, V.M. - Effect of a specific bacteriophage on the morphological, cultural, and enzymatic nature of Cl. welchii. p. 81.
Zolepukha, S.I. - Growth promoting substances for C. diphtheriae. p. 93.
Drobot'ko, V.H., Aizenman, B.E. - Study of the growth factors and growth inhibitors of Bact. typhi abdominalis. Report no. 4: Complex growth factors and selection of substances interfering with them. p. 93.
Aizenman, B.E., Shvaiher, M.O. - Survival of Rickettsia prowazeki outside the living body. p. 98.
Vizir, P.E. - Resistance of Staphylococcus pyogenes to penicillin in vitro. p. 105.
Linnyk, F.A. - Comparative study of the immunogenic properties of various types of brucellosis vaccines. Report no. 2: "AD" brucellosis vaccine. p. 115.
Bilai, V.I. - Effect of extracts of toxic fungi on animal and plant tissues. p. 121.
Medvyns'ka, L.IU. - Effect of nitrogenous nutrition and growth promoting substances on the growth and acid formation of B. schüzenbachii. p. 120.
Liberman, L.A. - Effect of fusel oils on the acid-forming capacity of acetic acid bacteria in rapid manufacturing of vinegar. p. 136.

Nepomniashcha, M.L., Medvyns'ka, L.IU., Liberman, L.A. - Nature of the bacteriophages of Streptococcus lactis. p. 72.
Medvyns'ka, L.IU. - Materials on the capacity of the sporeforming bacteria B. cereus, B. mycoides, B. sacharalyticus for producing slime in bread. p. 81.
Khalabuda, T.V. - New species of the genus Penicillium Link. p. 85.
Aizenman, B.E., Shvaiher, M.O. - A less expensive culture medium for bacteria. p. 92.
Vizir, P.IE. - Nature of the action of penicillin on the microbe cell (Staphylococcus pyogenes) in an in vitro experiment. p. 98.

Vol. 13, no. 2, 1951. [In Ukrainian.]
Table of contents translated:
Rubenchyk, L.I., and others. - Activity of local Azotobacter strains from soils of the Ukrainian S.S.R. p. 3.
Zinov'ieva, Kh.H. - Effect of the rhizosphere of some agricultural plants on Azotobacter. Report no. 2. p. 21.
Zinov'ieva, Kh.H. - Effect of the rhizosphere of some agricultural plants on Azotobacter. Report no. 3. p. 34.
Novykova, N.S. - Sources and ways of spreading infection in bacterial wilt of receptacles of kok-saghyz. p. 48.
Karpenko, M.K. - The dehydrogenizing activity of Cl. welchii. p. 62.
Blok, IA.B. - Study of the pathogenesis of polyhedrosis of silkworms. Report no. 2: Pathomorphological changes caused by polyhedrosis in silkworms. p. 80.
Shvaiher, M.O. - Effect of sanazin on Hemophilus pertussis and the infection with whooping cough. p. 90.
Bobchenko, IE.S. - Staphylococci naturally resistant to penicillin. Report no. 2: Cultural and biochemical properties. p. 103.
Tul'chyns'ka, V.P., Demchenko, A.V. - Antibacterial properties of polyanol, a synthetic estrogenic substance. p. 107.
Aizenman, B.IU. - Mechanism of the action of antibiotics; a survey of the literature. p. 111.

REFERATIVNYI ZHURNAL: BIOLOGHIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 18, Sep. 1950.
Contents:
[Abstracts] Referaty 76223-76773. 511 p.

No. 19, Oct. 1950.
Contents:
[Abstracts] Referaty 76774-84304. 503 p.

REFERATIVNYI ZHURNAL: KHIMIIA; BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY; BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 24, 1955.
Contents:
[Author index for 1955] Avtorskii ukazatel', 1955. 637 p.

No. 17, Sep. 1956.
Contents:
[Abstracts] Referaty 16047-16968. 110 p.

No. 18, Sep. 1956.
Contents:
[Abstracts] Referaty 16960-17811. 96 p.

No. 19, Oct. 1956.
Contents:
[Abstracts] Referaty 17812-18718. 114 p.

UKRAINS'KYI BIOCHIMICHNYI ZHURNAL [UKRAINIAN BIOCHEMICAL JOURNAL]. Published by Instytut Biokhimii Akademii nauk URSR [Institute of biochemistry of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 22, no. 2, 1950. [In Ukrainian ... maries in Russian.]
Contents translated:
... scientific session of the Academy of ... U.S.S.R. and of the Academy of ... ices of the U.S.S.R. devoted to prob... ...emician I.P. Pavlov's physiological ... 119.
... Dvornikova, P.D. - Isolation of two new ...rotein fractions from rabbit-muscle ... 7.
... Dehtiar, R.H. - Relation of action to ...hosphate-creatine-pherase. p. 135.
... uznetsova, L.M. - Study of unsaponi... ...ces from certain invertebrates.
... D provitamins in Black Sea mussels.
... P. - Biochemistry of the mammary ... Activity of mammary gland enzymes ... 05.
... New data on lipoproteins in blood and ...

Zhukova'kyi, L.I. - Aleksandr IAkovlevich Danilevskii and his role in the development of contemporary biochemistry. p. 224.
Scientific sessions of the Kiev branch of the Ukrainian Society of Physiologists, Biochemists, and Pharmacist, in 1949. p. 229.
Scientific sessions of the Kharkov branch of the Ukrainian Society of Physiologists, Biochemists, and Pharmacists, 1949. p. 231.
Scientific sessions of the Odessa branch of the Ukrainian Society of Physiologists, Biochemists, and Pharmacists, 1949. p. 234.
IElisieieva, H.D. - Fluoremetric determination of vitamin B 2 in urine. p. 154.
Vendt, V.P., Drokova, I.H. - Determination of vitamin D2 in presence of sterols and of products of ergosterol photochemical conversion. p. 160.
Mesteckikina, A.IA. - Data on the experimental studies of muscular distrophy. Part 2. Creatine and carnosine contents and activity of adenosinetriphosphatase and phosphopherase in muscle of rabbits. p. 166.
Khodorova, IE.L. - Physicochemical properties of fibrinogen and fibrin. p. 170.
Klimenko, V.H. - Nitrogen-containing substances in acorns of various oak species. p. 188.
Rotzman, I.S., Burshtein, IE.H. - Effect of nicotinic acid on the glycemic curve of healthy and of some sick persons. p. 197.

Vol. 23, no. 4, 1951. [In Ukrainian and Russian.]
Table of contents translated:
Drokova, I.H., and others. - Vitamin B and tocopherol content of embryos, bran, and oil of some wheat varieties of the Ukrainian S.S.R. p. 371.
IElisieieva, H.D. - The thiochrome method for determining vitamin $B_1$ and cocarboxylase in biological substances. Report no. 2: Determining cocarboxylase in urine, blood, and tissues. p. 376.
Vendt, V.P. - A simple photoelectric spectrophotometer based on the principle of a quartz spectrograph. p. 382.
Ilrihor'ieva, V.A. - Data on the study of experimental muscular dystrophy. Report no. 5: Glycolytic processes in muscles in experimental muscular dystrophy. p. 386.
Sylakova, A.I., Kharkovych, K.H. - Distribution of glutamine between erythrocytes and blood plasma under normal conditions and in hypoxemia. p. 393.
Epshtein, S.F. - Nitrogen metabolism in experimental nephritis. p. 407.
Lobacheva'ka, O.V. - Changes in the antigenic specificity of egg albumin during denaturation. p. 418.
Khodorova, IE.L. - Enzymatic reaction of the transformation of fibrinogen into fibrin. p. 430.
Bondareva, S.P. - Connection between the lipase of the liver and ascorbic acid. p. 447.
Rashba, O.IA. - Liquefaction of starch by the amylase of the brain. p. 453.
Hulyi, M.F. - Purine synthesis in the animal organism; a survey. p. 466.
Author index to "Ukrains'kyi biokhimichnyi zhurnal," vol. 23. p. 484.
Subject index to "Ukrains'kyi biokhimichnyi zhurnal," vol. 23. p. 487.

Vol. 28, no. 2, 1956. [In Ukrainian and Russian.]
Table of contents translated:
TSyperovych, O.S., Halkina, T.O. - The mechanism of protein denaturation. Report no. 7: Effect of the ions of salts on the denaturation of globular proteins. p. 127.
Khodorova, IE.L., Bielik, IA.V. - Method for obtaining a preparation of thrombin. p. 142.
Chepynoga, O.P., Kerova, N.I. - Nature of the correlation of nucleic acids in metabolism with increased protein synthesis. p. 145.
Vainberg, Z.TS. - Effect of the inhibition and excitation of the central nervous system on the protein fractions of blood serum. p. 158.
Kolomiichenko, M.A. - Effect of ultraviolet radiation on some enzymatic proteins. p. 164.
Tarasova, L.S., Troitz'kyi, H.V. - Determining the protein fractions of blood serum and the distribution of cholesterol in them. p. 177.
Vigorov, L.I. - Inactivation of phytoamylase by lead and copper salts and reactivation of enzymes from metal-enzyme compounds. p. 183.
Alimova, E.K. - Liponucleoproteins of Corynebacterium diphtheriae. p. 193.
Sokolova, V.IE. - The adenosinetriphosphatase activity of the heart muscle in guinea pigs with diphtherial myocarditis. p. 201.
Epshtein, S.F., Smorodyns'ka, V.H. - Biochemical processes in injured muscles. p. 207.
Hudina, A.M. - Metabolism of purine-containing substances in animals during exhausting work. p. 217.
Zubenko, P.M. - Biochemical changes in denervated muscles caused by repeated daily electric stimulations. p. 223.
Shamrai, IE.F., Karniluk, Z.V. - Vitamin P activity of some di- and triphenols. p. 231.
Markh, A.T., Krotov, IE.H. - Change in the ascorbic acid content of canned tomatoes. p. 235.
Kudriavtsova, N.G. - Effect of parathyroidin on the ascorbic acid content of animal brain. p. 242.
Sylakova, H.I. - "Problems in medical chemistry." p. 245.

Bielik, IA. V. - Coordinating conference on biochemistry of the nervous system. p. 248.

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol.13, no.1, 1956. [In Ukrainian.]

Table of contents translated:

Tasks of the Botanical Institute of the Academy of Sciences of the Ukrainian S. S. R. p. 3.
Zerov, D.K. - Twenty-fifth anniversary of the Botanical Institute of the Academy of Sciences of the Ukrainian S. S. R. p. 6.
Oksner, A.M. - Systematic position of lichens and the main phylogenetic lines of their development. p. 15.
Lazarenko, A.S. - Principal conditions for classifying moss distribution in the Soviet Far East. p. 31.
Modylevs'kyi, IA.S. - Using cytoembryological data for studying phasic development in plants (cytoembryological analysis of the phasic development of cereals). p. 41.
Molotkovs'kyi, M.Kh., Lopushans'kyi, P.I., Soldatova, M.A. - Growth dynamics of fruit and the formation of vitamin C and oil in walnut fruit and leaves in connection with polarity. p. 66.
Sakato, H.O. - Characteristics of primary bast fibers in hemp stalks. p. 83.
Zerova, M.IA. - Developmental cycles of Otthia lycii sp. nov. and Cucurbitaria varians Hazsl. on Lycium barbarum L. p. 75.
Kotov, M.I. - The stonecrop Sedum reflexum L. in the Ukrainian Polesye. p. 92.
Mchedlishvili, P.O. - New data on flora of the Ceritian series in Swoszowice. p. 95.
Hrymal's'kyi, V.I. - Degeneration of shoots of black locust plantations. p. 100.
Povarnitsyn, V.O. - In memory of Andrii Maksymovych Hurmaza. p. 105.
Bilokin', I.P. - Review of "Preslia," journal of the Czechoslovakian Botanical Society; vol. 26, nos. 1,2,3,4,1954. p. 107.
Kotov, M.I. - Review of S.V. Viktorov's "Using the geobotanical method in geological and hydrogeological research." p. 111.
Barbarych, A.I. - The Ukrainian Botanical Society in 1955. p. 114.

Vol. 13, no. 2, 1956. [In Ukrainian.]

Table of contents translated:

Kotov, M.I., Kharkevych, S.S. - Protection of nature in the Ukrainian S. S. R. and tasks of botanists. p. 3.
Hryn', F.O. - Khomutovskaya Steppe Preserve. p. 15.
Kuznetsova, H.O. - Kamennaya Mogila Preserve. p. 31.
Dobrochaieva, D.M. - Flora and vegetation of the Streletskaya Steppe Preserve of the Academy of Sciences of the Ukrainian S. S. R. p. 44.
Kharkevych, S.S. - The steppe preserve of Mikhaylovskaya TSelina. p. 50.
Zerova, M.IA. - Soil fungi of virgin steppes of the Ukrainian S. S. R. p. 66.
Zerov, D.K., Bachuryna, H.F. - Mosses of steppe preserves of the Academy of Sciences of the Ukrainian S. S. R. p. 78.
Mchedlishvili, P.O. - New data on Tortonian flora of the western Ukraine. p. 86.
Kondrat'eva, N.V. - Blue-green algae of some swamps in Polesye. p. 89.
Mel'nychuk, V.M. - Temperature conditions of moss-covered turf. p. 99.
Bilokin', I.P. - "Biology," a journal of the Slovak Academy of Sciences, vol. 5, nos. 5-6, 1953, vol. 9, nos. 1-6, 1954. p. 112.
Hrodzins'kyi, A.M., Sytnyk, K.M. - Review of H. Söding's "Study of growth promoting substances. Results and problems in research on growth promoting substances." p. 115.
Bachuryna, H.F. - Review of A.S. Lazarenko's "Guide to mosses of the Ukraine." p. 118.
Artiushenko, O.T. - Results of the scientific activity of the Botanical Institute of the Academy of Sciences of the Ukrainian S. S. R. p. 121.

USPHEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 41, no. 3, May-June 1956.

Table of contents translated:

Kreps, E.M. - Phospholipides in the nervous system. p. 291.
Korosteleva, T.A. - The blastomogenic activities of some aminoazo compounds and their transformation in the organism. p. 294.
Koshtoiants, Kh.S. - Materials on the evolution of functions of the nervous system (Phoronidea, Enteropneusta, Ascidia). p. 306.
Vrba, R. - Participation of the nerve tissue proteins of the brain in the processes of excitation and inhibition. p. 321.
Vinnikov, IA.A. - Olfactomotor reaction of the olfactory receptor cells. p. 353.
Kleinenberg, S.E. - Some aspects of respiration in cetaceans. p. 366.
Vinberg, G.G. - "Transactions of the Sevan Hydrobiological Station." p. 381.

VOPRSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 15, no. 4, July-Aug. 1956.

Table of contents translated:

Resolution of the tenth scientific session of the Institut of Nutrition of the Academy of Medical Sciences of the U.S.S.R. p. 3.
Sharpenak, A.E., Eremin, G.P. - Complementary effect of proteins in food intake at different times. p. 6.
Arshavskaia, E.I., Vedrashko, V.F., Ratmanova, O.N. - Effect of diet with an increased egg content on the physical development and conditioned reflex activities of healthy children of preschool age. p. 13.
Makarychev, A.I., and others. - Study of the physiological effect of low-calory diets containinga minimum amount of proteins and a normal amount of vitamins and salts. p. 18.
Zakharov, N.N., Lakhman, E.I. - Organization of nutrition for participants in the first all-Union sports tournament for school children. p. 23.
Prostiakov, K.M., Nesterova, A.P. - Functional state of the thyroid gland in obesity as determined by the radioactive indicator method. p. 27.
Gabovich, R.D. - Fluoride content in the food intake and endemic fluorosis of the skeleton. p. 31.
Krylova, M.I., Gnoevaia, V.L. - Fluoride metabolism in the system. p. 37.
Lindberg, Z.IA. - Fluoride content of the soil and vegetables in the district of a superphosphate factory. p. 41.
Tolmacheva, E.A. - A technique for making kumiss from cow's milk. p. 45.
Simakov, P.V. - D.V. Kashin's book "Encyclopedia of nutrition"; on the 70th anniversary of its publication. p. 46.
Shrabshtein, R.A., Ostroukhova, L.A. - Chemical composition and caloric value of broths made with bones. p. 51.
Fedotov, V.P. - Emulsion method for the determination of fats in the food. p. 51.
Khmaladze, A.G. - Research on public nutrition by a statistical inquiry method. p. 53.
Dich, Z.L. - "Diet for children." V.B. Kiseleva. p. 56.
Vladimirov, B.D., Kurko, V.I. - "Dietetic restaurant; restaurant for therapeutic nutrition." M.S. Marshak. p. 56.
Bremener, S.M. - "Diet for patients with tuberculosis undergoing sanitary and climatological therapy." E.G. Kosel'brener, V.K. Dagorovich. p. 58.
Khrustalev, A.A., Sharina, E.G. - Work of the nutrition section of the Moscow branch of the All-Union Hygiene Society in 1955. p. 63.

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 35, no. 5, May 1956. [With English summaries in insert.]

Table of contents translated:

Kozhanchikov, I.V. - Contribution to the knowledge of biological forms and biological species in insects. p. 633.
Fedorov, V.G. - Effect of certain external factors on the development of eggs of the tapeworm Diphyllobothrium latum L. p. 652.
Chekanovskaia, O.V. - Contribution to the Oligochaeta of the Yenisey Basin. p. 657.
Vlasov, B.V. - Proales lenta, sp. n. and Pleurotrocha larvarum, sp. n., two new forms of rotifers of the family Notommatidae. p. 666.
Snenkova, A.K. - New components of the fauna of the Caspian Sea. p. 678.
Dukina, V.V. - Specific differences in Cyclops larvae. p. 680.
Valnshtein, B.A. - The chaetome and the segmental composition of the body in tetranychoid mites. p. 691.
Zhmaeva, Z.M., Vorob'ev, K.P., Arkhipova, V.A. - On the distribution of ixodid ticks in Chardzhou Province. p. 700.
Dobrovol'skii, V.B. - On insect names. p. 705.
Moravskaia, A.S. - On the taxonomy and ecology of leaf hoppers of the genus Psammotettix (Homoptera, Cicadina). p. 709.
Sharov, A.G. - The sawfly Tomostethus nigritus F., a pest of the ash in forest plantations. p. 719.
Alpatov, V.V., Aliakhverdiev, Kh.M. - Contribution to the study of water metabolism in pupae of Antheraea pernyi Guer. (Lepidoptera) during postdiapause development. p. 724.
Karpova, A.I. - Some data on the ecology and harmfulness of the frit fly. p. 729.
Violovich, N.A. - New species of the genus Syrphus Fabr. (Diptera, Syrphidae) from the Far East. p. 741.
Moskalenko, B.K. - Influence of several years' fluctuations of the water level in the Ob' river on the fecundity and reproduction of certain fishes. p. 746.
Teplov, V.P., Turov, I.S. - On the importance of the carrion crow (Corvus corone L.) in bottomlands along the middle Oka River. p. 753.
Rotshild, E.V. - Winter mobility of small forest animals. p. 758.

Babenyshev, V.P., Glushko, N.V. - On the change in the distribution of the lesser suslik in Stavropol Territory. p. 770.
Pavlov, S.D. - Apparatus for insect trapping and forced contact with insecticides. p. 774.
Liakhov, S.M. - Some instances of invertebrate penetration into the water-supply system. p. 777.
Sukhinin, A.N. - Data on the distribution of certain birds in Turkmenia. p. 779.
IUrgenson, P.B. - Determining the age of the baum marten. p. 781.

Vol. 35, no. 7, July 1956. [With English summaries in insert.]

Table of contents translated:

Ushakov, B.P. - Thermostability of muscles in mussels and leeches in relation to the environment of the species. p. 953.
Erman, L.A. - Quantitative aspect of feeding habits of Rotifera. p. 965.
Konstantinov, K.G. - Controlled variability or natural selection? p. 972.
Mishin, A.V. - Methods of studying the aggressiveness of the tick Ixodes persulcatus. p. 978.
Shustrov, A.K. - Distribution of ticks of the genus Ornithodorus in Transcaucasia. p. 986.
Arnol'di, K.V. - Attempts to determine invasion characteristics of Eurygaster integriceps. p. 990.
Shvanvich, B.N. - Variability of wing pattern in diurnal Lepidoptera butterflies (Rhopalocera). p. 1004.
Benkevich, V.I. - Distribution of gypsy moth (Porthetria despar L.) ovipositors in the Gornyy Altai. p. 1013.
Semko, R.S. - New data on the western Kamchatka salmon. p. 1017.
Slmal'gauzen, I.I. - Morphology of the sound-transmitting apparatus of the Caudata. p. 1023.
Shestakova, G.S. - Mechanics of bird flight. p. 1043.
Vas'kovskii, A.P. - New ornithological finds on the northern shore of the Sea of Okhotsk. p. 1051.
Bibikov, D.I. - Biological observations on the hedgehog Erinaceus auritus Gmelin as a reservoir of Leptospira. p. 1059.
Marin, S.N. - Colony of American beavers (Castor canadensis Kuhl.) in the U.S.S.R. p. 1064.
Ling, Kh.I. - Fox mange in the Estonian S.S.R. p. 1072.
Shaposhnikov, F.D. - Data on the ecology of musk deer in the northeastern Altai. p. 1084.
Modin, G.V. - Behavior of certain animals during the solar eclipse of June 30, 1954. p. 1094.
Bubnov, M.A. - Reproduction intensity of birds in relation to the reproduction of rodents. p. 1095.
Rashkevich, N.A. - Distribution of the black-headed bunting Emberiza melanocephala Scop. p. 1096.
Bogdanov, O.P. - Hibernation of bats in the Zeravshan Valley. p. 1097.
Grigor'ev, N.D. - Hybrids of the common hare (Lepus europaeus Pall.) and the blue hare (L. timidus L.) in the Kazan zoo. p. 1099.

d) CHEMISTRY

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Chemical Sciences]. Moscow, no. 5, May 1956.

Table of contents translated:

Kessler, IU.M. - Rapid nonionic reactions of exchange decomposition in nonaqueous media. p. 513.
Mardaleishvili, R.E., and others. - Deuterium atom reactions with alkenes. Relation of methane deuteration to the concentration of deuterium atoms in the system. p. 516.
Klimenok, B.V., Andreev, E.A., Gordeeva, V.A. - Formation of coke on aluminosilicate cracking catalysts. p. 525.
Bykov, G.V. - Distribution of the $\pi$-electron densities and interatomic distances. Report no. 3. Confirmation of the hypotheses. p. 531.
Grechkin, N.P. - Phosphororganic ethylenimine derivatives. Report no. 1. Interaction of ethylenimine with dialkylphosphoryl chlorides. p. 538.
Aronovich, P.M., Mikhailov, B.M. - Effect of active nitrogen on organic substances. Part 1. p. 544.
Petrov, A.D., Mironov, V.F., Mashantsker, D. - Dehydrochlorination of di- and monochloralkylsilane chlorides. Rearrangement of 1,2-bis-(trichlorosilyl) chloroethane during the dehydrochlorination with aluminum chloride. p. 550.
Nazarov, I.N., Kucherov, V.F., Segal', G.M. - Research in the stereochemistry of cyclyc compounds. Part 9. Condensation of 1-vinyl-$\Delta^1$-cyclohexene with methyl acrylate. p. 559.
Nazarov, I.N. Zav'ialov, S.I. - Synthesis of steroids and substances related to them. Part 37. Synthesis of steroid analogs lacking ring B. p. 569.
Rodionov, V.M., Kiseleva, V.V. - Reduction of $\beta$-amino acids by lithium aluminum hydride. p. 575.
Rodionov, V.M., Antik, L.V. - Some reactions of $\beta$-($\alpha$-naphthyl)-$\beta$-alanine and N-methyl-$\beta$-($\alpha$-naphthyl)-$\beta$-analine. p. 578.

Nekrasova, V.A., Shulkin, N.I. - Chlorination of alkanes in presence of nitrogen dioxide. p.583.
Rubinshtein, A.M., Kulikov, S.G., Zakharov, B.A. - Relative activity of Ni, Zn, and Cr oxides, sulfides, and selenides in the catalytic decomposition of isopropyl alcohol. p.587.
Rubinshtein, A.M., and others. - Activity of Ni, Cr, and Zn oxides, sulfides, and selenides in the reduction of nitrobenzene and in the preferential hydrogenation of a diolefin into an olefin. p.596.
Kaverzneva, E.D., Kist', S.A. - Chemical conversions of the cellulose macromolecule by oxidizers. Part II. Causes of the chemical instability of cellulose oxidized by nitrogen dioxide. p.604.
Shostakovskii, M.F., Sidel'kovskaia, F.P., Zelenskaia, M.G. - Use of the iodoform reaction in the analysis of certain vinyl compounds. p.615.
Shulkin, N.I., Grushko, I.E., Bel'skii, I.F. - Use of the nickel catalyst in the Kizhner reaction for hydrazone degradation. p.622.
Gol'dfarb, IA.L., Antik, L.V., Konstantinov, P.A. - Sulfonation of tert-butyl substituted thiophene derivatives. p.624.
Poroshin, K.T., Kozarenko, T.D., Khurgin, IU.I. - Differential titration of tripeptides and diketopiperazines in the products of polycondensation of the ethyl ester of glycine. p.626.
Ponomarenko, V.A., Sokolov, B.A., Petrov, A.D. - Addition of $CH_3SiHCl_2$ and $C_2H_5SiHCl_2$ to vinyl chloride, perfluorovinyl chloride, and tetrafluoroethylene. p.628.
Chernyshev, E.A., Petrov, A.D. - Interaction of silicochloroform and methyldichlorosilane with benzene. p.630.
Shostakovskii, M.F., and others. - Research in the field of synthesis and conversion of oxygen containing silicon organic compounds. Part 3. Interaction of propylene oxide with alkyl (aryl) chlorosilanes. p.632.
Hungarian chemical congress. p.635.

No. 6, June 1956.

Table of contents translated:

Toropov, N.A., Galakhov, F.IA., Bondar', I.A. - Equilibrium diagram of the ternary system: $CaO - BaO - SiO_2$. p.641.
Kapustinskii, A.F., Lipilina, I.I. - Densities of aqueous solutions and the apparent molal volumes of uranyl nitrate. p.649.
Sedova, M.F., Emanuel', N.M. - Kinetics of the oxidation of ethane in presence of hydrogen bromide. p.658.
Krylov, O.V., Roginskii, S.Z., Fokina, E.A. - Effect of the position of elements in Mendeleev's periodic system on the catalytic activity of binary compounds of metals from the second group with nonmetals. Part 1. Catalytic decomposition of isopropyl alcohol on alkaline earth oxides. p.668.
Kochetkov, N.K., Ivanova, M.G., Nesmeianov, A.N. - β-aminovinyl ketones. Part 5. Alkylation of β-dialkylaminovinyl ketones. New synthesis of oxymethylene ketones. p.676.
Arbuzov, A.E., Valitova, F.G. - Pyrocathechol esters of pyrophosphorous acid. p.681.
Medved', T.IA., Kabachnik, M.I. - Derivatives of α-aminoalkylphosphinic acids. Esters of α-isocyanatoalkylphosphinic acids and their conversions. p.684.
Mikhailov, B.M., and others. - Boron organic compounds. Part 10. Complex nature of salts of boron-organic acids. p.692.
Aronovich, P.M., Bel'skii, N.K., Mikhailov, B.M. - Effect of activated nitrogen on organic substances. Part 2. p.696.
Andrianov, K.A., Makarova, L.I. - Synthesis of alkylalkoxysilanes and alkylacetoxysilanes with ether groups in the radical. p.702.
Mironov, V.F., Pogonkina, N.A. - Synthesis and conversions of silicon organic rhodanides and mercaptans. p.707.
Voronkov, M.G., Khudobin, IU.I. - Reaction of hexaalkyldisiloxanes with iodine and aluminum. p.713.
Nazarov, I.N., Kucherov, V.F., Andreev, V.M. - Research in the field of stereochemistry of cyclic compounds. Part 10. Stereochemistry of the diene condensation of 1-vinyl-$\Delta^1$-cyclohexene with maleic anhydride. p.715.
Eidus, IA.T., Izmailov, R.I. - Catalytic hydrocondensation of carbon monoxide with olefins. Part 16. Hydrocondensation of carbon monoxide with 1-butene. p.723.
Gonikberg, M.G., Zhulin, V.M., Buluzov, V.P. - Thermal conversion of tetrachloroethylene at super-high pressures. p.730.
Kuskov, V.K., Zhukova, V.A. - Esterification in presence of boric acid and the synthesis of its esters. p.733.
Nesmeianov, A.N., and others. - Disruption of the ferrocene nucleus by hydrogenation and treatment with halides. p.739.
Plate, A.F., Prianishnikova, M.A. - Preparation of bicyclo-2,2,1-heptadiene-2,5 by the condensation of cyclopentadiene with acetylene. p.741.
Poroshin, K.T. - Certain peculiarities in the polymerization of anhydrides of N-carboxy-α-amino acids. p.743.
Gol'dfarb, IA.L., Kirmalova, M.L. - Di-2-thienylcarbinol. p.746.
Shulkin, N.I., Bel'skii, I.F. - Disclosure of the tetrahydrofuran cycle with aluminum halides. p.747.
Annual meeting of the Department of Chemistry of the Academy of Sciences of the U.S.S.R. p.749.

AKADEMIIA NAUK SSSR. Institut obshchei i neorganicheskoi khimii. Sektor fiziko-khimicheskogo analiza. Izvestiia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of General and Inorganic Chemistry. Sector of Physicochemical Analysis. Bulletin]. Moscow, vol. 27, 1956.

Table of contents translated:

From the editors. p.5.
Pogodin, S.A. - Nikolai Nikolaevich Efremov; biographical sketch. p.7.
Ravich, G.B. - Works of N.N. Efremov on the physicochemical analysis of organic substances. p.15.
Lepeshkov, I.N. - Research of N.N. Efremov in the field of mineral salts. p.23.
Klochko, M.A. - Works of N.N. Efremov in the field of electrochemistry. p.28.
Semenchenko, V.K. - Certain problems in thermodynamics of binary mixtures. p.30.
Bergman, A.G., Bukhalova, G.A. - Topology of quaternary reciprocal systems with complexing. p.36.
Klochko, M.A. - Variation of electrolytic conductance of individual liquids and solutions in relation to temperature. p.50.
Ageev, N.V. - Metallic compounds. p.75.
Savitskii, E.M., Baron, V.V. - Additivity of mechanical properties of metal mixtures-alloys. p.86.
Samsonov, G.V. - Certain physicochemical properties of compounds of infusible transition metals with boron, carbon, and nitrogen, and characteristics of their binary alloys. p.97.
Samsonov, G.V., Rozinova, N.S. - Certain physicochemical properties of zirconium-carbon alloys. p.126.
Klochko, M.A., Medvedeva, Z.S. - Electrochemistry of silver-tellurium alloys. p.133.
Medvedeva, Z.S., Khlapova, A.N. - X-ray study of anodic slurry and cathodic sediments formed during the electrolysis of silver-tellurium alloys. p.141.
Medvedeva, Z.S. - Decomposition voltage of silver and tellurium nitrate solutions. p.150.
Abrikosov, N.Kh. - Study of the system: Fe - Si in the FeSi$_2$ range. p.157.
Kornilov, I.I., Pannshuk, I.O. - Composition - property diagrams of the system: iron - nickel. p.164.
Rudnitskii, A.A. - Study of the electric and thermoelectric properties of platinum-copper alloys. p.171.
Grigor'ev, A.T., and others. - Study of alloys of the system: palladium - cobalt - nickel. p.185.
Vul'f, B.K., Shikalov, N.P. - Hardening of aluminum and magnesium alloys with ternary metallic compounds. p.198.
Gladyshevskii, E.I., Kripiakevich, P.I. - Solubility of zinc in metallic compounds $Cu_2Mg$ and $Cu_2Cd$. p.209.
Cherkashin, E.E., Gladyshevskii, E.I., Testiuk, M.IU. - Study of the system: copper - magnesium - tin in the region of Cu - $Cu_2Mg$ - CuMgSn. p.212.
Sokolov, V.A., Shmidt, N.E. - Specific heat and heats of conversion and fusion of potassium nitrate. p.217.
Banashek, E.I., Patsukova, N.N., Rassonskaia, I.S. - Thermodynamic properties of PbFCl, $PbCl_2$, and $PbF_2$ at high temperatures. p.223.
Voskresenskaia, N.K., and others. - Thermodynamic properties of lithium fluoride. p.233.
Berg, L.G., Rassonskaia, I.S., Buria, E.V. - Thermographic determination of the dissociation pressure for certain salts. p.236.
Vol'nov, I.I. - Thermal stability of calcium hydroxychlorides. p.251.
Voskresenskaia, N.K., Kashcheev, G.N. - Solubility of metal oxides in fused salts. p.255.
Makarov, S.Z., Krasnikov, S.N. - Study of conversions of solid solutions in the system: $Na_2SO_4$ - $Na_2CO_3$. p.268.
Luzhnaia, N.P., Vereshchetina, I.P. - Interaction of zinc sulfate with thallium and cesium halides in melts. p.285.
Bergman, A.G., Evdokimova, K.A. - Reciprocal systems of sodium and potassium acetates and nitrites, and acetates and nitrates. p.296.
Urazov, G.G., Kirakosian, A.K., Liashenko, M.N. - Solubility of cadmium nitrate in ammoniacal solutions. p.315.
Khitrova, N.N., Khitrov, V.A. - Complexing in the system $NaNO_3$ - $CO(NH_2)_2$ - $H_2O$. p.328.
Itkina, L.S., Kokhova, V.F. - Solubility and composition of the solid phase in the system: $Na_2SO_4$ - $K_2SO_4$ - $H_2O$. p.337.
Khitrova, N.N. - Physicochemical study of the quaternary aqueous reciprocal system of sodium and potassium nitrates and chlorides. p.344.
Luzhnaia, N.P., Kosiachkova, S.N. - Solubility isotherm for the system: $2NaHCO_3 + K_2SO_4 \rightleftarrows 2KHCO_3 + Na_2SO_4$ at 50°. p.358.
Makarov, S.Z., Krasnikov, S.N. - Isotherms of boiling for solutions of ternary systems in the quaternary system: $Na_2SO_4$ - $Na_2CO_3$ - NaCl - $H_2O$. p.367.
Lepeshkov, I.N., Solov'ev, V.K., Smirnova, N.N. - Physicochemical characteristics of Tuva salt lakes. p.380.
Klochko, M.A., Gubskaia, G.F. - Conductance and viscosity of the system: ammonium nitrate - acetamide. p.393.
Klochko, M.A., Gubskaia, G.F. - Conductance and viscosity of the system: ammonium nitrate - water. p.402.
Anosov, V.IA., Ozerova, M.I. - Viscosity and specific volumes in the system: benzene - toluene - carbon tetrachloride. p.412.
Bergman, A.G., Evdokimova, K.A., Bogush, O.F. - Index of salt systems; anhydrous, studied by means of thermal analysis. p.419.

AKADEMIIA NAUK SSSR. Komissiia po analiticheskoi khimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Commission on Analytical Chemistry. Transactions]. Moscow, vol. 7(10), 1956.

Table of contents translated:

Tananaev, I.V., Ul'ianov, A.I. - Physicochemical analysis of systems important in analytical chemistry. Part 25. Study of the coprecipitation of alkali metal sulfates with $BaSO_4$. p.3.
Tananaev, I.V., Levitman, Kh.IA. - Phototurbidimetric determination of copper in aluminum alloys by means of hydrorubeanic acid. p.21.
Podobed, N.D. - Phototurbidimetric titration methods. Study of the system: $BaSO_4$ - $BaCl_2$ - $HCl(HNO_3)$ - $C_2H_5OH$ - $H_2O$. p.27.
Riabchikov, D.I., Lazarev, A.I. - Chromatographic separation of molybdenum and rhenium. p.41.
Riabchikov, D.I., Lazarev, A.I. - Separation of rhenium from vanadium and tungsten by means of ion-exchange chromatography. p.64.
Ivanova, M.S. - Use of paper chromatography for the detection of cation impurities in inorganic preparations. p.77.
Burkser, E.S., Eliseeva, G.D. - Use of radioactive isotopes in paper partition chromatography for inorganic compounds. p.84.
Koblianskii, A.G. - Use of cationites in microcrystalloscopic analysis. p.89.
Troitskii, K.V. - Metal-ion absorption on filter paper from highly diluted solutions. p.96.
Born, G.I., Vaisa, K.F., Kobuladze, M.G. - Solution of certain analytical problems in the field of rare earths by means of radioactivation analysis. p.104.
Baev, F.K., Kovalenko, P.N. - Use of the concealment of ions in simultaneous polarographic determination of elements with coinciding reduction potentials. p.119.
Stromberg, A.G., Pyshkina, A.A. - Determination of admixtures in alloys and amalgams by means of amalgam polarography. p.136.
Vasil'ev, A.M., Gorokhovskaia-Proukhina, V.I. - Catalytic hydrogen waves. Catalytic reduction of hydrogen ions on a dropping mercury cathode in presence of zirconyl nitrate. p.142.
Bezuglyi, V.D., Ogdanets, N.D. - Polarographic determination of naphthalene in the form of α-nitronaphthalene. p.149.
Usatenko, IU.I., Vitkina, M.A. - Determination of calcium in limestone by amperometric titration with the use of an indicator. p.155.
Tur'ian, IA.I., Teper, G.E., Redchenko, L.F. - Polarographic determination of nickel and cobalt ions in absolute ethyl alcohol. p.162.
Frid, B.I. - Electrode for potentiometric microtitration. p.170.
Kuznetsov, V.I. - Color reaction for phenols with ferric chloride. p.174.
Manita, M.D. - Use of dithizone in the colorimetric determination of zinc in drinking water. p.194.
Andreev, S.N., Khaldin, V.G. - Preparation of solid narrow-banded light filters for colorimetry in the spectral region of 3100 - 3600 Å. p.201.
Kokorin, A.I., Polotebnova, N.A. - New colorimetric reactions for the determination of antimony. p.205.
Zaikovskii, F.V. - Determination of small concentrations of arsenic. p.211.
Lapin, L.N., Gein, V.O. - Use of basic dyes from the diaminotriphenylmethane series for the detection of very small amounts of antimony, gold, and thallium. p.217.
Nikitin, E.K., Ponomarev, E.N. - Micromethod for exact chronometric determination of solution concentrations. p.223.
Nikitin, E.K., Ponomareva, E.N. - Determination of chloride and bromide concentrations by means of chronometric titration. p.234.
Seniavin, M.M., Sorochan, A.M. - Determination of free acid in presence of various salts. p.240.
Pasovskaia, B. - Rapid method for the determination of calcium in presence of magnesium. p.272.
Poliak, L.IA., Shemiakin, F.M. - Potentiometric determination of lanthanum, cerium, praseodymium,

neodymium, and samarium. p. 276.
Ponomarenko, B. V. - Colorimetric determination of aniline based on diazotization and formation of azo compounds. p. 289.
Raines, M. M., Larionov, IU. A. - Application of qualitative reactions to the colorimetric determination of copper and nickel. p. 295.

KHIMICHESKAIA NAUKA I PROMYSHLENNOST' [CHEMICAL SCIENCE AND INDUSTRY]. Issued by Vsesoiuznoe khimicheskoe obshchestvo imeni D. I. Mendeleeva [All-Union D. I. Mendeleev Chemical Society]. Moscow, vol. 1, no. 2, 1956.

Table of contents translated:

Dubinin, M. M. - Ways of developing chemical science in the sixth five-year plan. p. 122.
Malin, K. M. - State of the fertilizer industry and its immediate tasks. p. 125.
Voskresenskii, S. K. - Concentrated phosphorus fertilizers. p. 129.
Dubovitskii, A. M., Kil'man, IA. I. - Technical progress in the nitrogen fertilizer industry. p. 139.
Borisov, V. M., Afanas'ev, N. A. - Development of the potassium industry. p. 146.
Postnikov, N. N., Ionass, A. A. - Thermic phosphates. p. 150.
Katalymov, M. V. - Problem of microfertilizers (minor elements). p. 155.
Mel'nikov, N. N. - Chemicals for the protection of plants and their application. p. 160.
Malin, K. M. - Methods for the roasting of sulfur raw materials. p. 174.
Morgulis, M. L. - Vibrational crushing of materials. p. 186.
Poletskii, A. M. - Pneumatic classification of finely pulverized materials. p. 199.
Sominskii, D. S., Kalushina, R. L. - Preparation of highly dispersed dyes and determination of their garnularity. p. 205.
Sominskii, D. S., Khodakov, G. S. - Determination of the specific surface of finely pulverized materials by means of low temperature nitrogen adsorption. p. 209.
Feigin, L. A. - Aqueous colloidal graphite preparations obtained by means of vibrational crushing. p. 210.
Ivanov, A. F. - Nitrogen fertilizers in capitalistic countries. p. 213.
Sagalaev, G. V. - International industrial exhibition in Belgium. p. 222.
Voevodskii, V. V., Chirkov, N. M. - N. N. Semenov and the contemporary doctrine of the chemical process. p. 224.
Shkonde, E. I. - D. N. Prianishnikov and the problem of fertilizers; on the 90th anniversary of his birth. p. 228.
News in science and technology. p. 232.
Koloskov, M. A. - Conference on the preparation of sulfur dioxide from pyrite and sulfur. p. 239.

Vol. 1, no. 3, 1956.

Table of contents translated:

Dibishev, V. P. - Development of industrial organic synthesis. p. 242.
Topchiev, A. V., Krentsel', B. A. - Principal trends in the chemical processing of petroleum hydrocarbons. p. 246.
Dalin, M. A. - State of the manufacture of unsaturated gaseous hydrocarbons and the synthesis of ethyl alcohol by direct hydration of ethylene. p. 259.
Dashkirov, A. N. - Synthesis of higher alcohols of the fatty series by direct oxidation of paraffins. p. 273.
Sergeev, P. G., Vinogradov, A. A., Bukreeva, L. M. - Preparation of synthetic glycerin. p. 281.
Kruzhalov, B. D., Sergeev, P. G. - Manufacture of phenol and acetone from isopropylbenzene . p. 287.
Gorshenovich, A. I. - Synthetic anionic cleaning compounds. p. 298.
Egorov, N. M. - Present state and future possibilities in the development of polyethylene manufacture. p. 312
Romankov, P. G., Lepilin, V. N., Nemet, E. S. - Adsorption in a suspended layer. p. 317.
Gel'perin, N. I., Solopenkov, K. N. - Continuous saponification of boric ethers of higher fatty alcohols with simultaneous extraction and regeneration of boric acid. p. 324.
Katsnel'son, O. G., Edel'shtein, A. S. - Electric inductance flow meters. p. 332.
Fedorenko, N. P. - Methods and economics of acetylene manufacture. p. 337.
Arbuzov, A. E. - A. M. Butlerov, the great Russian chemist; on the 70th anniversary of his death. p. 345.
News in science and technology. p. 352.
Bibliography. p. 360.

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 11, no. 4, July-Aug. 1956.

Table of contents translated:

Raise the level of industrial and agricultural preparation of students. p. 3.
Krentsel', B. A., Loktev, S. M. - Production of chemicals from petroleum. p. 7.
Vol'kovich, S. I. - Nikolai Aleksandrovich Morozov. p. 19.
Davydov, S. D. - Using topics on the 20th Congress of the Communist Party of the Soviet Union in teaching chemistry. p. 26.
Kiriushkin, D. M. - First step in teaching the concept "atom." p. 36.
Drizovskaia, T. M. - The role of motion pictures teaching topics on chemical industries. p. 40.
Fedoseev, P. N., Ivashova, N. P. - Hydrogen produced by the action of metallic magnesium on carbohydrates. p. 48.
Polosin, V. S. - Experiments on diffusion. p. 49.
Troitskaia, E. G. - Meeting devoted to the discussion of "Chemistry for Agriculture." p. 52.
Syshnov, A. I. - Experiments with honey and beeswax conducted in a school chemical club. p. 59.
Sakson, A. R. - Industrial training of students in an electrode-wire plant. p. 62.
Erygin, D. P. - Industrial training of students in a chemical plant. p. 65.
Sukhanova, O. I. - Polytechnical training in the teaching of chemistry. p. 67.
Letters from readers. p. 69.
Sushko, P. V. - Reference book for the teacher and the student. p. 75.
Krapivin, N. N. - Exposition of the subject "The structure of atoms." p. 76.
New books on chemistry. p. 78.
Committee on nomenclature of chemical compounds of the Department of Chemical Sciences of the Academy of Sciences of the U. S. S. R. p. 79.

KOLLOIDNYI ZHURNAL [COLLOID JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 18, no. 3, May-June 1956. [With English summaries in insert.]

Table of contents translated:

Alekseenko, V. I., Mishustin, I. U. - Compatibility of polyvinyl chloride and polyvinyl acetate with other high polymers. p. 257.
Arabadzhi, V. I. - Scattering of water drops in an air current. p. 262.
Dvoretskaia, R. M. - Phase inversion in emulsions. p. 263.
Elovich, S. IU., Kuz'mina, L. G. - Tracer atom study of the inversion of adsorption series in the ultra micro-concentration range. p. 275.
Efremov, I. F. - Gelation of dilute sols and suspensions. p. 276.
Ivanov, S. S., and others. - Study of branched chain polymers obtained by the reaction between natural rubber and azodicarboxylates. p. 285.
Kandilarov, G. G. - Internal friction and sedimentation volumes of polydisperse kaolin suspensions in electrolytes. p. 293.
Lepilkina, L. A. - Influence of the forms of bound water on the structural and mechanical properties of gelatin in the process of drying. p. 302.
Malova, T. N. - Influence of the type of carbon black and the nature of the binder on the character of structuralization in carbon-black suspensions. p. 310.
Mikhailov, N. V., Fainberg, E. Z. - Studies on the structure of synthetic polyamide fibers. Part 8. The heats of solution of crystalline and amorphous modifications of polycaprolactam. p. 315.
Novikov, A. S., Koloskova, M. V. - Application of radiography for estimating sulfur distribution in rubber mixes. p. 321.
Panich, P. M., Voiutskii, S. S. - Electrochemistry of high polymer dispersions. Part 1. The influence of dialysis on the properties of synthetic latexes. p. 326.
Rufimskii, P. V. - Hydrosol of aluminum hydroxide. Part 2. The influence of sodium chloride and ethyl alcohol on the thixotropic gelation of sols. p. 332.
Samsonov, G. V., Bresler, S. E. - Statics and dynamics of exchange of streptomycin ions with metal ions and hydrogen on carboxylated resins. p. 337.
Soboleva, I. G., and others. - Structure of butadiene-styrene polymers. p. 344.
Kharin, S. E., Chaikovskaia, I. V. - Kinetics of the coagulation of sulfur sols. p. 350.
TSvetkov, N. S., IUrzhenko, A. I. - Effect of inorganic salts on the polymerization of emulsified styrene. p. 362.
Roskin, E. S. - More on the determination of the intrinsic viscosity of dilute high polymer solutions. p. 369.
Malinskii, IU. M., Kargin, V. A. - Thermomechanical measurements. p. 372.
Rainer, S. V. - External friction of rubbers; concerning the paper of G. M. Bartenev. Koll. zhur. 18, 2, 1956. p. 373.
Tiabin, N. V. - Flow of two immiscible layers of viscoplastic liquids in a pipe. p. 379.
Mirzadzhanzade, A. Kh., Mirzoian, A. A. - Reply to the communication by M. V. Tiabin "The flow of two immiscible layers of viscoplastic liquids in a pipe." p. 382.
From the Committee on the nomenclature of chemical compounds at the Department of Chemistry of the Academy of Sciences of the U. S. S. R. p. 383.

PROBLEMY KINETIKI I KATALIZA [PROBLEMS OF KINETICS AND CATALYSIS]. Issued by Institut fizicheskoi khimii Akademii nauk SSSR [Institute of Physical Chemistry of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, 1949. Statisticheskie iavleniia v geterogennykh sistemakh [Statistical phenomena in heterogeneous systems].

Table of contents translated:

Roginskii, S. - Introduction. p. 3.
Figurovskii, N. A. - Experimental problems in statistics of dispersion for course disperse systems. p. 9.
Khachkuruzov, G. A. - X-ray analysis of dispersivity. p. 28.
Tesner, P. A. - Physicochemical properties and structure of carbon black. p. 59.
Roginskii, S. Z. - Use of electron microscopy in the study of statistical characteristics of active solids. p. 72.
Todes, O. M. - Kinetics of crystallization and condensation. p. 91.
Deriabina, N. V., Mischenko, K. P. - Rate of crystallization for gypsum from aqueous solutions of certain salts. p. 123.
Todes, O. M. - Kinetics of coagulation and of particle enlargement in sols. p. 137.
Lialikov, K. S. - Statistical study of photographic emulsions. p. 174.
Levin, V. I. - Statistical method in the theory of adsorption and catalysis. p. 205.
Zel'dovich, IA. B. - Theory of the Freundlich adsorption isotherm. p. 238.
Roginskii, S. Z., Todes, O. M. - Applicability limits for statistical methods in the analysis of adsoprtion phenomena. p. 248.
Todes, O. M., Bondareva, A. K., Khachkuruzov, G. A. - Theory of adsoprtion on inhomogeneous surfaces. Determination of the distribution law for sections of sorbent surface from heats of sorption using experimental observations of sorption isotherms. p. 263.
Levin, V. I. - Determination of the inhomogeneity of a surface from kinetic data. p. 297.
Roginskii, S. Z., Todes, O. M. - Statistical theory of the adsorption of mixtures. p. 336.
Vol'kenshtein, F. F. - Certain adsorption peculiarities conditioned by "thermal disorder" on crystal surfaces. p. 360.
Dering, B. P., Serpinskii, V. V. - Study of the adsorption of vapors on crystal adsorbents. p. 383.
Keier, N. P., Roginskii, S. Z. - Properties of largely inhomogeneous surfaces resulting from styding the adsorption of oxygen and hydrogen on active carbons. p. 410.
Druns, B. P. - Bounded inhomogeneous surfaces of disperse systems. p. 430.

UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 17, no. 1, 1951.

Table of contents translated:

In memory of the great scientist Sergei Ivanovich Vavilov. p. 5.
Bukser, E. S., Fedorova, N. E., Zaidis, B. B. - Chemical analysis of water in small samples or with low mineralization. p. 8.
Goncharov, A. I. - Argon content in potassium minerals. p. 22.
Medvedovskii, A. A. - Adsorptive titration of sulfates. p. 27.
Medvedovskii, A. A. - Preparation and certain properties of mercury-oxide compounds with acetone and their use in the development of a method for quantitative determination of mercury. p. 36.
Kiprianov, A. I. - Nikolai Dmitrievich Zelinskii. p. 43.
Mikhailovnina, A. A., Shapiro, S. A. - Chromatography of carotene pigments in medicinal muds. p. 50.
Khait, G. IA. - Quantitative determination of coexisting oxalic, citric, and gluconic acids. p. 59.
Zharovskii, F. G. - Use of organic solvents immiscible with water in analytical chemistry. Part 1. Extraction of oxyquinolates. p. 64.
Pilipenko, A. T., Lisetskaia, G. S. - Composition and instability constant of thiourea complex with bismuth. p. 76.
Golovanov, N. G., Brovchinskii, I. V. - Extraction of mineral wax and of mineral tars (bitumens) from brown coal by means of butyl alcohol. p. 86.
Pel'kis, P. S., Pupko, L. S. - Research in the field of thiocarbazone substituted derivatives. Part 1. Ditolylthiocarbazones. p. 93.
TSimergakl, V. A., Khaimovich, R. S. - Potentials of zinc, cadmium, lead, tin, and bismuth amalgams during their titration. p. 103.
Dumanskii, A. V., Kurilenko, O. D., Barashenkov, G. B. - Dielectric constants of emulsions. p. 118.
Deitmarskii, IU. K., Koloiti, A. A. - Relation of the decomposition potentials of salts to their concentration in fused electrolytes. p. 123.
Shargorodskii, S. D., Shor, O. I. - Use of thermography in studying the interaction of potassium or sodium chlorides with magnesium sulfate during heating. p. 136.
Gorenbein, E. IA., Smolenisev, P. I. - Study of com-

plexing in solutions of ternary systems by means of physicochemical analysis. p. 149.

Vol. 17, no. 2, 1951.
Table of contents translated:
Alent'ev, A. A., Plygunov, A. S. - In memory of Academician N. S. Kurnakov. p. 159.
Sulima, L. V., Brodskii, A. I. - Rate of hydrogen exchange in dissolved ammonium salts. p. 165.
Ashkinazi, M. S. - Use of the standardless method in spectrum analysis of ferrous metals. p. 173.
Ashkinazi, M. S., Glikman, T. S., Abramova, T. M. - Effect of inorganic ions on absorption spectra of chlorophyll. p. 176.
Evdokimov, D. IA. - Oxidation of sodium arsenite in aqueous solutions. p. 181.
Babko, A. K., Khodulina, P. V. - Fluorescent reactions for the fluorine ion. p. 191.
Babko, A. K., Rychkova, T. N. - Molybdenum pyrocatechin complexes. p. 196.
Zharovskii, F. G. - Utilization of the immiscibility with water of organic solvents in analytical chemistry. Part 2. Extraction of cupferronates. p. 200.
Dudkin, M. S., Kertman, R. IA. - Quantitative determination of organic substances found in Black Sea seaweeds. p. 217.
Kadaner, L. I. - Copper plating of iron objects in acid electrolytes. Part 1. Contact deposition of copper on iron. p. 224.
Kadaner, L. I. - Copper plating of iron objects in acid electrolytes. Part 2. Contact deposition of copper on tinned iron. p. 235.
Kul'skii, L. A., Shevchenko, M. A. - Purification of drinking water with a mixture of ferric and ferrous chlorides. p. 239.
Shevchenko, M. A. - Electrolytic preparation of an iron coagulant for the purification of drinking water. Part 1. Anodic dissolution of iron. p. 253.
Berkman, IA. P., Vizgert, R. V. - Esters of 4,4'-dioxydiphenylsulfone. Part 1. Synthesis of esters of 4,4'-dioxydiphenylsulfone and aliphatic acids. p. 264.
Berkman, IA. P., Vizgert, R. V. - Esters of 4,4'-dioxydiphenylsulfone. Part 2. Synthesis of esters of 4,4'-dioxydiphenylsulfone and aromatic acids. p. 270.
Gershuns, A. L. - Synthesis of barbiturates with heterocyclic radicals. p. 274.
Gershuns, A. L., Verkina, L. I. - Certain rearrangements in the furan series. p. 280.
Shikan, O. K., Shikan, V. L. - For the purity of the scientific language. p. 285.
Notice for authors. p. 290.

Vol. 17, no. 6, 1951.
Table of contents translated:
Golik, A. Z., Ravikovich, S. D., Orishchenko, A. V. - Viscosity and molecular structure of solutions. p. 627.
Eremenko, V. N., Eremenko, O. M., Braevich, T. P. - Thermodynamic properties of liquid solutions in systems: lead - bismuth and cadmium - lead. p. 658.
Shargorodskii, S. D., Shor, O. I. - Interaction of sodium and potassium chlorides with magnesium sulfate during heating and in a flow of steam. p. 670.
Gordon, B. E. - Optical study of the hydrolysis of bivalent-metal salts. Part 1. Uranyl salts. p. 688.
Fialkov, IA. A., Muzyka, I. D. - Polysulfides of certain heavy metals. Part 1. Zinc and cadmium polysulfides. p. 700.
Fialkov, IA. A., Kagan, F. E. - Interaction of iodine with silver, lead, and mercury nitrates in organic media. p. 708.
Kadaner, L. I. - Copper plating of iron objects in acid electrolytes. Part 3. Study of factors influencing the electrolytic deposition of copper on an iron cathode. p. 723.
Kadaner, L. I. - Copper plating of iron objects in acid electrolytes. Part 4. Effect of compound processing of the surface on the continuity and strength of adhesion of copper coatings. p. 727.
Oksengendler, G. M., Kiprianov, A. I. - Condensation of auramine with 2-aminothiazole derivatives. p. 735.
Oksengendler, G. M., Kiprianov, A. I. - Condensation of $\beta,\beta$-bis($p$-dimethylaminophenyl)-acrolein with heterocyclic compounds containing an active methyl or methylene group. p. 744.
Mushkalo, L. K. - Condensation of $o$-aminothiophenol with acetylene monocarboxylic acids. p. 751.
Babichev, F. S., Protsenko, L. D. - Interaction of methylene bases in the thiazole series with dibasic acid anhydrides. p. 755.
Babichev, F. S., Volokhina, N. A. - Interaction of 3-methyl-2-ethylidenebenzothiazoline with halo derivatives. p. 761.
Rominskii, I. R., Sushkova, A. S. - Relation of the quantitative composition to the optical activity of glucose fructose mixtures. p. 766.
Rominskii, I. R., Sushkova, A. S. - Use of ion-exchanging substances in the analysis of glucose fructose mixtures. p. 772.
Etinger, M. A. - Quantitative determination of novcaine and dicaine in aqueous solutions by measuring the surface tension. p. 777.
Etinger, M. A., Baron, M. S. - Study of aqueous solutions of antipyrine, pyramidone, and analgine from their surface tensions. p. 781.
Shafershtein, I. IA., Zinova, A. P. - Determination of sulfosalicylic acid. p. 690.
Aleksandrov, G. P., Levchenko, T. F. - Use of calcium hypochlorite in the determination of bromide and iodine by means of differentiated titration. p. 793.
Muzakarimov, A. M. - X-ray study of cathodic zinc deposits obtained from a zinc bath by means of a moving cathode and insoluble anode. p. 798.
Kul'berg, L. M., Shvartsman, M. M. - New method for the detection of iodide impurities in bromides. p. 780.

Vol. 32, no. 3, 1956.
Table of contents translated:
Fialkov, IA. A. - Fundamental principles of scientific research work in inorganic chemistry. p. 277.
Markov, B. F., Panchenko, I. D., Kostenko, T. G. - Diagrams of phase transitions for $RbCl - ZnCl_2$ and $CsCl - ZnCl_2$. p. 287.
Budnikov, P. P., Volodin, P. L., Tresviatskii, S. G. - Review of data on the system: $CaCl_2 - BaCl_2$. p. 292.
Mikulin, G. I. - Electrostatic theory of concentrated electrolyte solutions. Part 2. Theory, allowing for the diminishing dielectric constant of the solvent in the neighborhood of ions. p. 295.
Toxin, M. V. - Study of properties of the surface layer of liquids by the floating-drop method. p. 302.
Novakovskii, M. S., Moshkina, M. G. - Interaction of zinc salts with thiosulfate and thiocyanate ions. p. 311.
Piatnitskii, I. V. - Study of oxyacid complexes. Part 1. Potentiometry and polarography of solutions of bismuth complexes with citric acid. p. 320.
Krasovitskii, B. M., Vail', E. I., Savchenko, O. M. - Interaction of butyl alcohol with certain aromatic amines. p. 330.
Shakh, TS. I. - Sulfanilamide chelate compounds. p. 336.
Mitlov, E. A., Strel'tsova, N. G. - Stereochemistry and the nascent hydrogen reduction mechanism of multiple-bond compounds. Part 1. Reduction of tolan by metals in alcohols and acetic acid. p. 341.
Dashkevich, B. N., Smolanka, I. V. - Synthesis of aliphatic-aromatic unsaturated compounds, the analogs of triphenylcarbinol. Part 3. Aliphatic-aromatic analogs of triphenyl methane dyes. p. 347.
Kiprianov, A. I., Kroshchenko, M. M. - N-alkylphenazinones. Part 2. p. 351.
Kiprianov, A. I., Kroshchenko, M. M. - N-alkylphenazinones. Part 3. p. 355.
Kiprianov, A. I., Pilotskii, G. M. - N-alkylphenazinones. Part 4. p. 359.
Vol'tman, R. P. - Cyclization products of [illegible] - cyclized phenylthiourea derivatives. p. 362.
Krasovitskii, B. M., Bazova, T. A. - Effect of steric factors on properties of dyes containing a biphenyl ring. Part 5. Color and substantiveness of bisazo dyes obtained from 2,2'-dimethylbenzidine and naphthalene. p. 364.
Tolstikov, V. P. - Potentiometric differential titration curves. p. 373.
Aleksandrov, G. P., Tikhonova, V. N. - Gravimetric determination of cerium by the periodate method. p. 376.
Ostrogovskii, V. V. - Volumetric determination of trivalent cerium with the aid of tartrates. p. 382.
Sheka, Z. A. - Separation of antimony during the electrodeposition of zinc. p. 387.
Sheka, Z. A. - Separation of cobalt during electrolysis of zinc solutions. p. 394.
Koganovskii, A. M., Tatan, P. N. - Use of butyl acetate in the purification of aniline-dye industrial effluents. p. 401.
Kuznetsov, V. I., Bobrova, A. A. - Complex utilization of domestic fuels in the Ukrainian S.S.R. Part 10. Composition of tar from lowland peat of the Ukrainian S.S.R. obtained in semicoking with a solid heat carrier. p. 405.
Chemistry as topic of the session of the Academy of Sciences of the Ukrainian S.S.R. devoted to the problem of peaceful use of atomic energy. p. 409.
New books. p. 410.
Committee on chemical compound nomenclature at the Department of Chemistry of the Academy of Sciences of the U.S.S.R. p. 411.

USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 25, no. 6, May 1956.

Table of contents translated:
Nesmeianov, A. N., Freidlina, R. Kh., Zakharkin, L. I. - Study of chemical conversions of polychloro hydrocarbons and related compounds. p. 665.
Kiselev, A. V. - Adsorptive properties of hydrocarbons. p. 705.
Neimark, I. E. - Silica gel, properties, application, and methods for its preparation. p. 748.
Meinke, W. W. - Sensitivity of the determination of trace quantities of elements. p. 770.
New foreign titles in chemistry. p. 781.
Table of contents translated:
Kobozev, N. I. - Physical and mathematical principles of the theory of active centers. p. 545.
Antipin, L. N. - Complexing in binary fused salts. p. 632.
Bernal, J. D. - Role of water in crystals [translated from the French by I. I. Lipilina]. p. 643.
Committee for the nomenclature of chemical compounds at the Department of Chemistry of the Academy of Sciences of the U.S.S.R. p. 669.

ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. [illegible] Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. [illegible] Moscow, vol. 30, no. 4, Apr. 1956.
Table of contents translated:
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Karmilova, L. V., Enikolopian, N. S., Nalbandian, A. B. - Kinetic study of the initial phase of [illegible] gen oxide catalyzed oxidation of methane [with English summary in insert]. p. [illegible]
[illegible] - Mechanism of decomposition of [illegible] [with English summary in insert]. p. 811.
Kazanskii, V. B., and others. - Velocity constant of hydrogen dissociation on a palladium surface as determined from data on diffusion in palladium [with English summary in insert]. p. [illegible]
Vinnik, M. I., [illegible] - Acidity functions of aqueous solutions of [illegible] and hydrochloric acids [with English summary in insert]. p. 827.
tions [with English summary in insert]. p. [illegible]
Avramenko, L. I., Kolesnikova, R. V. - Mechanism of hydrogen peroxide formation from atoms and radicals [with English summary in insert]. p. [illegible]
Enikolopian, N. S. - Theory of degenerate branching chains. Part 1. Kinetic equations of reactions with degenerate chain branching [with English summary in insert]. p. 769.
Gonikberg, M. G., and others. - Investigation of the effect of solvent on the rate of isotope exchange in the reaction $C_6H_5I^*$ at pressures up to 7000 kg/cm² [with English summary in insert]. p. [illegible]
Vedeneev, V. I., Voevodskii, V. V. - Dissociation energies of C - Cl bonds in various chlorides [with English summary in insert]. p. 789.
[illegible], N. A., and others. - Oxidation of methane by oxygen atoms resulting from the thermal decomposition [illegible] [with English summary in insert]. p. [illegible]
[illegible] - [illegible]

tion of alloys. Part 3. Conditions for nearing of metal deposition potentials at the expense of alloying energy [with English summary in insert]. p. 876.
Freiman, L. I., Titov, V. A. - Retardation of the electrodiffusion of hydrogen in iron and steel by surface films of some metals [with English summary in insert]. p. 882.
Bogdanov, G. A., Berkengeim, T. I., Scherbinin, V. A. - Additional material on the theory of coactivity of catalysts in solution. Part 1. Intermediate products of catalysis by calcium and molybdenum [with English summary in insert]. p. 889.
Kapustinskii, A. F., Lipilina, I. I., Samoilov, O. IA. - Gold calorimeter with sensitivity of 0,00005° for
Tagirov, R. B. - Concerning the existence of the $HO_2$ radical. p. 940.
Akishin, P. A., Spiridonov, V. P., Naumov, V. A. - Electron diffraction study of the structure of the $ZnF_2$ molecule. p. 951.
Roikh, I. L. - Influence of the subsequent heating of the photolayer during action of an air oxidizable metal and hydrogen peroxide vapors. p. 954.
Astakhov, K. V., Verenichin, V. B., Zimin, V. I. - "Radioactive indicator techniques." p. 957.

Vol. 30, no. 5, May 1960. [With English summaries in insert.]
Table of contents translated:
Vartanian, A. T. - Academician A. N. Terenin; on his 60th birthday. p. 902.
Krasnovskii, A. A. - Storage of light energy during the photochemical reaction of chlorophyll and its analogs. p. 908.
Karinkin, A. V. - Reversible photochemical decolorizing of dyes adsorbed on microporous glass. p. 906.
Sidorov, A. N. - Investigation of adsorption on porous glass by infrared absorption measurements. p. 995.
Akimov, I. A. - Mechanism of the organic dye sensitization of the internal photoeffect of silver and thallium iodides. p. 1007.
Putseiko, E. K., Terenin, A. N. - Effect of vapors and gases on the internal photoeffect of phthalocyanines containing different metals. p. 1019.
Vartanian, A. T. - Absorption spectra of sublimated dye layers. p. 1026.
Prilezhaeva, N. A. - Photochemical decomposition of the vapors of benzene and of its derivatives. p. 1044.
Neporent, B. S. - Structure of continuous spectra of complex molecules. p. 1048.
Kurbatov, L. N. - Surface chemical compound of silica and methanol and its photodissociation. p. 1062.
Evseev, A. M. - Polarization of alcohols in non-polar solvents. p. 1067.
Lipatov, IU. S., Kargin, V. A., Slonimskii, G. L. - Studies on the orientation of high polymers. Part 1. Amorphous polymers. p. 1075.
Mindovich, E. IA. - Thermal analysis and microstructural studies of addition compounds of picric acid and cyclic hydrocarbons. p. 1082.
Boldyrev, V. V. - Influence of the sample weight on the delayed explosion of the oxalates and fulminates of mercury and silver. p. 1088.
Znamenskii, N. N. - Kinetics of the interaction of rubber with ozone. p. 1092.
TSvetkov, V. N., Kottiar, S. IA. - Investigation of polyvinyl acetate solutions by the light scattering method. p. 1100.
Karapet'iants, M. Kh. - Methods of comparative calculation of heat effects. Part 2. p. 1104.
Panchenkov, G. M., Moiseev, V. D. - Mass spectroscopic analysis of boron fluoride isotopes. p. 1110.
Neiman, M. B., Feklisov, G. I. - Kinetic method for the application of tracer atoms to study the mechanism of complex chemical and biochemical processes. Part 5. Formation of acetaldehyde and the oxides of carbon during oxidation of butane. p. 1120.
Deviatykh, G. G., Zorin, A. D. - Determination of the relative vapor pressures of $C^{13}H_4$ and of $O^{16}_2$ by the Rayleigh distillation method. p. 1133.
Kalinichenko, V. R., Varshavskii, IA. M., Shatenshtein, A. I. - Method for the study of hydrogen exchange in liquid deuterium bromide. p. 1140.
Alekseev, N. G., Proklorov, V. A. - Differential photorelay for a thermostat. p. 1144.
Mueller, R. L. - Chemical structures of refractory glass. p. 1146.
Gorbachev, S. V. - Theory of concentration polarization. p. 1151.
Amirkhanov, Kh. I., Gurvich, I. G., Matizen, E. V. - Concerning the paper by V. P. Skripov and V. K. Semenchenko "Second order phase transitions and critical phenomena. Part 5. The heat capacity maximum in the critical region of separation of binary liquid systems." p. 1156.
Temkin, M. I., Frumkin, A. N. - On the paper by O. M. Poltorak "The activation energy of hydrogen ion discharge and the problem of absolute potential in electrochemical kinetics." p. 1162.
Payliuchenko, M. M. - Reply to B. V. Erofeev's remarks on the paper "Kinetics and mechanism of heterogeneous chemical reactions with the participation of solids." p. 1169.
Zhuk, N. P. - Mechanism of the gaseous corrosion of steel. p. 1173.
Bazarov, I. P. - Certain contradictions in Ehrenfest's theory of second order phase transition. p. 1177.
Eremin, E. N., Mal'tsev, A. N. - Thermodynamic equilibrium concentration of nitric oxide. p. 1179.
TSiklis, D. S. - Calculation of the fugacity of certain gases. p. 1182.
Kanevskii, E. A. - On the letter by IU. A. Zaidenman. p. 1184.
Godnev, I. A., Sverdlin, A. S. - Equilibrium of dichlorobenzene isomers. p. 1185.
Pospekhov, D. A. - Classification of pure liquids. p. 1186.
Nekrasov, L. I., Skorokhodov, I. I. - Existence of a higher peroxide hydrogen. p. 1189.

ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 26, no. 5, May 1956.
Table of contents translated:
Petrov, A. D., and others. - Photochemical chlorination of phenyltrichlorosilane. p. 1229.
Petrov, A. D., Niklishin, G. I. - Lithium-organic synthesis and properties of $\alpha$- and $\beta$-alkenylsilanes. p. 1233.
Sadykhzade, S. I., TSetlin, I. I., Petrov, A. D. - Synthesis of silicon-containing ethers and diethers. p. 1239.
Kaplan, E. P., Letina, Z. I., Petrov, A. D. - Interaction of 1, 4-dilithiumdihydrodiphenyl with alkyl halides. p. 1243.
Petrov, A. D., Kaplan, E. P., Letina, Z. I. - Metal-organic synthesis of dibiphenylalkanes and their hydrogenation. p. 1246.
Petrov, A. D., and others. - Direct synthesis of alkylpolysilane chlorides. p. 1248.
Petrov, A. D., and others. - Direct synthesis of silane chlorides from vanylallyl-type chlorides. p. 1255.
Spitsyn, V. I., Shavrova, N. N. - Study of aqueous sodium tantalates. p. 1258.
Spitsyn, V. I., Shavrova, N. N. - Mechanism of the interaction of tantalum pentoxide with sodium hydroxide. p. 1262.
Sholokhovich, M. L., Barkova, G. V. - Interaction of sodium and potassium metatitanates with salts in melts. p. 1266.
Flis, I. E., Vasil'eva, T. M. - Potentiometry of chlorite solutions. p. 1272.
Muzyka, I. D., Shor, O. I. - Thermography of chromium sulfate. p. 1277.
Blidin, V. P. - Heterogeneous equilibriums in aqueous ternary systems of beryllium chloride with chlorides of metals from the first group. p. 1281.
Toropov, A. P. - Viscosity, density, and binding energy of molecules in certain binary systems. p. 1285.
Il'inov, I. I., Bergman, A. G. - Irreversible-reciprocal system of sodium and cadmium chlorides and iodides. p. 1288.
Mishchenko, K. P., Ponomareva, A. M. - Thermochemistry of aqueous electrolyte solutions. Part 4. Thermochemistry of aqueous solutions of ammonium chloride. p. 1296.
IUrzhenko, A. I., Brazhnikova, O. P. - Rate of the decomposition of potassium persulfate in hydrocarbon emulsions. p. 1311.
Bokhovkin, I. M., Bokhovkina, IU. I. - Physicochemical analysis of binary systems formed by acetamides with organic acids. Part 1. Density, viscosity, and conductance of the system: acetamide - acetic acid. p. 1315.
Bokhovkina, IU. I., Bokhovkin, I. M. - Physicochemical analysis of binary systems formed by acetamides with organic acids. Part 2. Density, viscosity, and conductance of the system: acetamide - monochloroacetic acid. p. 1318.
Dzhelomanova, Z. K., Rudenko, N. Z., Dionis'ev, D. E. - Physicochemical study of the interaction of acetamide with certain aromatic acids. p. 1322.
Kuznetsova, M. N., Bergman, A. G. - Physicochemical analysis of the interaction of amines with acids. Part 3. Thermal analysis of the ternary system: urea - formic acid - water. p. 1326.
Kuznetsova, M. N., Bergman, A. G. - Physicochemical analysis of the interaction of amines with acids. Part 4. Thermal analysis of the ternary system: urea - water - butyric acid. p. 1335.
Sheka, I. A. - Dielectric properties of aluminum bromide solutions in certain organic substances. p. 1340.
Miskidzh'ian, S. P., Kirilliuk, S. S. - Study of the viscosity, density, and conductance of the system: quinoline - acetic acid. p. 1350.
Zolotavin, V. L., Kalugina, N. N. - Study of vanadyl complex compounds. Part 2. Citrate complexes. p. 1355.
Bur'ianov, IA. D. - Complex compounds of phosphorus pentachloride with chlorides of certain elements. Part 4. System: phosphorus pentachloride - stannic chloride. p. 1363.
Margolis, L. IA., Roginskii, S. Z., Gracheva, T. A. - Oxides of transition metals as catalysts in the oxidation of hydrocarbons. p. 1368.
Mozhennyi, IA. F. - Physicochemical study of systems containing dioxane. Part 10. Certain physicochemical properties of dioxane solutions of pyrosulfuric acid. p. 1371.
Porshakova, K. I., Sidorova, N. G., TSukervanik, I. P. - Alkylation of benzene with polyhalo derivatives in presence of metallic aluminum. p. 1375.
Bukrat, S. E. - Interaction of organic bases with salts of metals. Part 4. Interaction of antipyrine with zinc and cadmium thiocyanates. p. 1379.
IAkubchik, A. I., Gromova, G. N. - Hydrogenation of divinyl-rubber solutions at normal pressure and room temperature. Part 1. Preparation of rubbers of various degrees of hydrogenation and their properties. p. 1381.
Dranishnikov, G. L. - Irreversible liquid-phase catalysis of dipentene on Raney nickel. p. 1390.
Tronov, B. V., Akseneuko, V. M. - Expansion of the carbon skeleton of molecules during the interaction of iodides with halo organic compounds. p. 1393.
Domnin, N. A., Larionova, M. A. - Research in the field of unsaturated cyclic hydrocarbons and of their derivatives. Part 19. Synthesis of 1, 2, 3-tribromocyclohexane and its interaction with quinoline. p. 1398.
Vanag, G. J., Lukevics, E. J. - Liebermann reaction for the nitroso group. p. 1400.
Malinvskii, M. S., Olifirenko, S. P. - Cleavage of tri- $\beta$-tolyl antimony and tri-$\alpha$-naphthyl antimony by acid chlorides and alkyl halides in presence of aluminum chloride. p. 1402.
Martynov, V. F., Vasiutina, Zh. D., Nikolina, L. P. - Research in the field of compounds containing a three-membered oxidic ring. Part 10. Study of the interaction of ammonia with esters of glycidic acids. p. 1405.
IAkubovich, A. IA., Motsarev, G. V. - Halogenation of aromatic silanes. Part 2. Preparation and properties of chloro derivatives of diphenyldichlorosilane. p. 1413.
Pudovik, A. N., Aver'ianova, V. P. - Irregular reaction of $\alpha$-halo ketones with esters of phosphorous acid. Part 2. Reactions of chloro- and bromoacetone with esters of phosphorous and phenylphosphinous acids. p. 1426.
Pudovik, A. N., Salekhova, L. G. - Irregular reaction of $\alpha$-halo ketones with esters of phosphorous acid. Part 3. Reaction of $\alpha,\alpha$- and $\alpha,\gamma$-dihalo ketones with triethylphosphite. p. 1431.
Razumov, A., Mukhacheva, O. - Research in the series of derivatives of alkylphosphinous and alkylphosphinic acids. Part 3. Atomic refraction of phosphorus in esters of alkylphosphinous acids. p. 1436.
Getter, E. L. - Preparation of certain alkyl- $\beta$-oxyethylphosphorous acids. p. 1440.
Postovskii, I. IA., Malovosina, R. O., Sheinker, IU. N. - Configuration of the product of interaction of aniline with propargylic aldehyde. p. 1443.
Grinev, A. N., Shvedov, V. I., Terent'ev, A. P. - Research in the field of quinones. Part 10. Reaction of acetylacetone imine with $p$-benziquinone. p. 1449.
Grinev, A. N., Shvedov, V. I., Terent'ev, A. P. - Research in the field of quinones. Part 11. Synthesis of certain substituted indoles. p. 1452.
Khaletskii, A. M., Rudakova, A. N. - Synthesis and study of nitro and sulfo derivatives of 3, 4-dimethyl-3, 4-diphenylhexane. p. 1453.
Veksler, V. I., Shaltyko, G. E. - Study of the rates of conversion of 2-keto-$L$-gulonic acid and of its methyl ester to $L$-ascorbic acid in an aqueous medium. p. 1456.
Shorygina, N. V. - Research in the field of cyclic acetals. Part 1. Condensation of styrene and of its homologs with aldehydes in presence of hydrochloric acid and reactions of 4-phenyl-1, 3-dioxane with $SOCl_2$, $PCl_5$ and with fatty acids. p. 1460.
Derevitskaia, V., Kozlova, IU., Rogovin, Z. - Study of the configuration and properties of cellulose. Part 56. Study of the comparative reactivity of hydroxyl groups in cellulose. Distribution of methoxyl groups in partially methylated cellulose prepared in alkali. p. 1466.
Remizov, A. L., Khromov-Borisov, N. V. - Synthesis of certain physiologically active esters of dialkylaminoacetic acids. p. 1471.
Nazarov, I. N., and others. - Synthesis of polycyclic compounds related to steroids. Part 35. Condensation of cyclic allyl halo derivatives with cyclic 2-methyl-1, 3-diketones and intramolecular cyclization of resulting compounds into ketones with hydrogenated skeletons of phenanthrene, chrysene, and cyclopentanophenanthrene containing an angular methyl group. p. 1482.
Nazarov, I. N., Golovin, E. T. - Heterocyclic compounds. Part 36. Synthetic spasmolytics. Preparation of 4-aminopiperidines by the reducing amination of 4-piperidones. p. 1490.
Poddubnaia, N. A., Kiselev, M. I. - Configuration of gramacidin S. Part 3. Study of certain products of the hydrolysis of gramicidin S. p. 1508.
Bundel', A. - Discussion of the article of N. Riehl, and H. Ortmann. p. 1512.
Petrov, A. A. - In memory of M. V. Likhosherstov. p. 1515.

## c) MATHEMATICS

AKADEMIIA NAUK SSSR. Izvestiia. Seriia matematicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mathematical Series]. Moscow, vol. 20, no. 3, May-June 1956.

Table of contents translated:

Vinogradov, I.M. - Singular evaluations of trigonometric sums. p. 289.
Rodonskii, K.A. - Power nonresidues and zeroes of L -functions. p. 303.
Dem'ianov, V.B. - Pairs of quadratic forms over a complete discrete-normed field with a finite field of residue classes. p. 307.
Lapin, A.I. - Modular functions of the second degree. p. 325.
Levitan, B.M. - Solution of the Cauchy problem for the equation $\Delta u = q(x_1, x_2, \ldots, x_n)u + \frac{\partial^2 u}{\partial t^2}$ by the method of S.L. Sobolev. p. 337.
Vekua, N.P. - One generalized boundary value problem of Carleman for several unknown functions. p. 377.
Steckin, S.B. - Absolute convergence of Fourier's series. Part 3. p. 385.

AKADEMIIA NAUK URSR, Kiev. Institut matematyky. Zbirnyk prats' [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Mathematics. Collected Works]. Kiev, no. 9, 1948. [In Russian or Ukrainian.]

Table of contents translated:

O.V. Preiffer; obituary. p. 3.
Lavrent'ev, M.O. - One class of quasi-conformal mappings. p. 7.
Pfeiffer, G.V. - Properties of sets of Jacobian and generalized-Jacobian systems. p. 55.
Sokolov, Iu.D. - Singular trajectories of a system of material points with forces of interaction depending on reciprocal spacings. p. 62.
Bogoliubov, M.M. - Theory of super-fluidity. p. 89.
Krein, M.G. - Linear totally continuous operators in functional spaces with two norms. p. 104.
Bogoliubov, M.M., Krein, S.G. - Positive, totally continuous operators. p. 130.
Shtokalo, I. - Solution of linear differential equations of the n-th order with variable coefficients. p. 140.

No. II, 1949.

Table of contents translated:

Sokolov, Iu.D. - Spatial trajectories for the general collision of a system of material points affected by reciprocal forces. p. 3.
Remez, E.IA. - Refined consideration of the extremal relations between mean successive and Chebyshev approximations. Part 2. p. 24.
Gnedenko, B.V., Rvacheva, E.L. - One characteristic property of the normal law of distribution. p. 36.
Shtokalo, I.Z. - Theory of the generalized symbolic image for solutions of linear differential equations with quasi-periodic coefficients. p. 43.
Korenblium, B.I. - Convergence of singular integrals for certain general classes of summable functions. p. 60.
Sokolov, Iu.D. - Spatial motion of a system of three material points preserving constant relations of their relative distances. p. 83.
Krein, M.G., Krasnosel'skii, M.A., Mil'man, D.P. - Defective numbers of linear operators in Banach space and certain geometrical problems. p. 97.
Bogoliubov, N. - An application of the theory of positively defined functions. p. 113.
Kats, G.I., Krein, S.G. - Limit center of a dynamic system. p. 121.

ISTORIKO-MATEMATICHESKIE ISSLEDOVANIIA [STUDIES IN THE HISTORY OF MATHEMATICS]. [illegible] ko-teoreticheskoi lit-ry [echnical and Theoretical , 1956.

generalized convergence attribute. p. 209.
Gaiduk, Iu.M. - Supplementary materials to the history of the spread of N.I. Lobachevskii's ideas in Russia. p. 215.
Chistiakov, V.D. - Penetration of Lobachevskii's ideas into secondary schools. p. 247.
Olontchev, P.M. - Kazan geometrician Fedor Matveevich Suvorov. p. 271.
Rozenfel'd, B.A. - Aleksandr Petrovich Kotel'nikov. p. 317.
Gnedenko, B.V., Pogrebysskii, I.B. - Development of mathematics in the Ukraine. p. 403.
Shilov, G.E. - History of the development of functional analysis in the Ukraine. p. 437.
Gnedenko, B.V., Gikhman, I.I. - Development of the theory of probabilities in the Ukraine. p. 477.
Dakhilia, S.A. - "Journal of Elementary Mathematics" and "Review of Experimental Physics and Elementary Mathematics." p. 537.
Marchevskii, M.N. - Kharkov Mathematical Society during the first 75 years of its existence, 1879-1954. p. 615.
Gratsianskaia, L.N. - Vasilii Petrovich Ermakov. p. 667.
Latyshova, K.IA. - Works of V.P. Ermakov on the theory of differential equations. p. 681.
Chernitsov, M.P. - Konstantin Alekseevich Andreev as geometrician. p. 723.

Bashmakova, I.G. - Treatise of Archimedes "On floating bodies." p. 759.
Rimskaia, N.I. - First inquiries of J. D'Alembert and L. Euler into the theory of linear systems of differential equations with constant coefficients. p. 769.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS] Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 4, July-Aug. 1956.

Table of contents translated:

Raising the standard of teaching and education in schools. p. 1.
Trakhtenbrot, B.A. - Algorithms and the mechanical solution of problems. p. 3.
Larichev, P.A. - The subject "powers and radicals in class 8." p. 11.
Denisova, T.N. - Teaching the subject "factoring." p. 18.
Pankratov, A.A. - On the construction of figures in solid geometry. p. 23.
Llapin, M.P. - What students in secondary schools should know about the drawing of three-dimensional figures. p. 31.
Gel'fand, M.B. - Solution of problems in the construction of cross sections of polyhedra. p. 41.
Men'shikh, B.V. - Problems in construction in the solid geometry course. p. 47.
Volkhonskii, A.I. - The use of models for drawing combinations of polyhedra and spherical bodies. p. 56.
Malakia, M.N. - A new variant for the proof of the theorem about the existence of incommensurable segments. p. 63.
Pokrovskaia, M.N. - The mathematics teacher's educational work. p. 66.
Khachlian, E.A. - Forms of extracurricular work with backward students in mathematics. p. 78.
Ikov, G.P. - "Stories about mathematics." I.IA. Depman. p. 84.
Dontsov, P.I. - On P.T. Datuk's article "On a serious defect in the secondary school program. p. 89.
Pol'skii, I - Comments on two articles. p. 93.
Chistiakov, V.D. - Methodology in Vitebsk and Vitebsk Province. p. 98.
Alexandrial, IA.L, Belotserkovskaia, E.G. - On calculating periods of trigonometric functions. p. 91.
Answers to problems listed in no. 1, 1956. p. 92.
Problems. p. 96.

TSIKHESKOK OBSHCHESTVO. THEMATICAL SOCIETY. Trans- l. 5, 1956.

ntle translated:
nology invariants of topological

l of sound waves from a vibrat-

hod of proximity systems in l functions and its application 95.
Eigenfunction expansion of quations of the second order.

function expansion of a self- rential equation. p. 169. bering of a space of mappings.

d, I.M. - Remarks on the theory an on symmetrical Riemann

n of the Fragmen-Lindelöf type ar partial differential equations.

M.G. - Spectral theory of with an indefinite valuation.

1013

Olein'k, O.A. - Cauchy problem for quasi-linear differential equations of the first order with discontinuous initial conditions. p. 413.
Nemytskii, V.V. - Certain methods of qualitative study in the large of multivariate autonomous systems. p. 455.
Bari, N.K., Stechkin, S.B. - Best approximations and differential properties of two conjugate functions. p. 483.
Babenko, K.I. - New problems of optimal analysis and the transformation of Fourier's series from linear p. 533.

MEKHANICHNYI ZHURNAL - MATEMATIKA [JOURNAL OF MECHANICS - MATHEMATICS] Issued by Institut mekhaniki Akademii nauk SSSR [Institute of Mechanics of the Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, Sept. 1956

Contents:

[Abstracts] Nekotoryi obzor raboty [illegible] 135 p.

USPEKHI MATEMATICHESKIKH NAUK [PROGRESS IN THE MATHEMATICAL SCIENCES] Published by Akademiia nauk SSSR [Academy of Sciences] Moscow Mathematical Society] Moscow, vol. 11, no. 3(69) May-June 1956.

Table of contents translated:

Acsel, J. - Certain general methods in the theory of functional equations of one variable. New applications of functional equations. p. 3.
Vilenkin, N.IA. - Bessel's functions and representations of a group of Euclidean motions. p. 69.
Gurevich, V.A. - Topological problem connected with problems in quantum electrodynamics. p. 151
Gleason, V.M. - Bicompact products of topological groups. p. 119.
Kantorovich, V.I. - Semi-continuity of integrals in the variational calculus p. 139
Karpelevich, F.I. - Geometry of matrix spaces p. 139
Kats, I.S. - Integral representations of analytical functions which are mapping the upper half-plane onto. Its part, p. 199.
Kudrevatov, P.K., Kalmanok, A.D. - Certain types of elements of a semigroup connected to a group p. 209
Krasnosel'skii, M.A. - Some applications of the approximate calculation of eigenvalues and eigenvectors of a positively defined matrix. p. 232
Krasovskii, N.N. - Inversion of theorems of A.M. Liapunov's second method for the study of the stability of motion. p. 259.
Rashel', A.V. - Elementary solution of Waring's problem for polynomials by the method of I.M. Vinogradov. p. 265.
Lunts, G.L. - One problem in differential algebra resulting from mathematical statistics. p. 281
Mirakov, V.K. - Principle of compression for Cauchy's method p. 291.
Solntseva, T.V. - Remarks on the article of R.A. Gorbovskii "Multivariate hypercircle analogs" p. 295.
Sverchev, G.D. - Continuity in a closed circle of functions regular in an open circle. p. 297.
Suprunenko, D.A. - Highest commutative subalgebras of a complete linear algebra. p. 302.
Fishman, Z.F., Gel'man, I.V. - One attribute of finiteness for the Hellinger index of the Hermitian operator. p. 305.
Frankl', F.I. - Correctness of the formulation of the Cauchy problem and properties of harmonic coordinates in the general theory of relativity. p. 308.
Fok, V.A. - Remark on the paper of F.I. Frankl' "Correctness of the formulation of the Cauchy problem and properties of harmonic coordinates in the general theory of relativity." p. 317.
Chebotarev, G.N. - Particular indexes for the Riemann boundary value problem with a triangular contour of the second order. p. 322.
Shabat, B.V. - Mappings accomplished by solutions of the Carleman system. p. 329.
Eidel'man, S.D. - Behavior of solutions for the equation of thermal conductivity in the neighborhood of an isolated singular point. p. 337.
Sessions of the Moscow Mathematical Society. p. 345.
Sof'ia Alekseevna Janovskaia; on the 60th anniversary of her birth. p. 352.
All-Union conference on functional analysis and its applications. p. 355.
Agaev, G.N. - Meeting of mathematicians and physicists of Baku. p. 356.
Arkhangel'skii, K.A. - First conference on teaching personnel on calculating machine operators. p. 357.
Rozenfel'd, B.A. - "Linear algebra and projective geometry." N. Bazr. p. 361.
List of books on mathematics published by the State Publishing House of Technical Literature during 1954-1955. p. 375.
Mikeladze, Sh.E. - On a review and research following N. p. 381.

## 9) PHYSICS

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut geofiziki. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of Geophysics. Transactions]. Tiflis, vol. 12, 1953.

Table of contents translated:

Kebuladze,V.V., Bukhnikashvili,A.V., Lashkhi,A.S. - Organization of station observations on earth electric currents in Dusheti and TSikhisdzhvari, p. 5.
Kebuladze,V.V., Lashkhi,A.S. - Daily variations of earth electric currents according to data of the Dusheti Geophysical Station, p. 37.
Kebuladze,V.V. - Some data on the reciprocal relations between earth electric currents and the geomagnetic field, p. 57.
Chkhenkeli, Sh.M. - Interpretation of some varieties of emanation anomalies, p. 73.
Balabuev,A.G. - Basis of the method of genetic classification of climates, p. 85.
Balabuev,A.G., Sulakvelidze K. - Avalanche graphs, p. 157.
Sulakvelidze,G.K. - Albedo of snow cover, p. 163.

Vol. 13, 1954.

Table of contents translated:

Maisaberidze, V.S. - Approximation computation method for a magnetic field of obliquely magnetized bodies of an arbitrary shape, p. 5.
Berishvili, G.P. - Study of the frequency of geomagnetic storms [in Georgian with summary in Russian], p. 21.
Berishvili, G.P. - Some results of studying geomagnetic distrubances based on observations of the geophysical observatory, 1933-1945 [in Georgian with summary in Russian], p. 45.
Kebuladze, V.V. - Some results of electric prospecting in the Baraletskaya Basin, p. 79.
Bukhnikashvili, A.V. - Results of measuring earth current variations in the Baraletskaya Basin, p. 91.
Chkhenkeli, Sh.M., TSitsishvili, D.A. - Using electric prospecting to solve some engineering geological problems, p. 105.
Chanturishvili, L.S., Varazashvili, G.S. - Using electric prospecting to study causes of swamp formation, p. 119.
Kebuladze, V.V., Torozova, L.I. - Radioactivity of the Borzhomi and Surami mineral waters [in Georgian with summary in Russian], p. 131.
Tvaltvadze, G.K., Murusidze, G.I. - Results of using the correlation method of refracted waves for solving some engineering geological problems, p. 141.
Lebedeva, T.M., Papalashvili, V.G. - Earthquake, February 12, 1953, in the Gori District, p. 149.
Gongadze, D.N. - Some problems in the theory of the formation and movement of snow slides, p. 161.
Balabuev, A.G. - Present-day status of the study of halt phenomena, p. 175.

Vol. 14, 1955. Sbornik dokladov, prochitannykh na VII nauchnoi sessii instituta geofiziki AN GSSR, 20-22 maia 1954 g. [Collection of reports read at the Seventh Scientific Meeting of the Institute of Geophysics of the Academy of Sciences of the Grorgian S.S.R., May 20-22, 1954].

Table of contents translated:

Nodia, M.Z. - Methods of studying the microterritorial and microtemporal secular variation of a terrestial magnetic field, p. 7.
Kalashnikov, A.G. - Investigation of magnetic properties of rocks and geological bodies as a basis for interpreting magnetic anomalies, p. 15.
Cholishvili, M.L. - Laboratory apparatus for studying magnetic fields, and the solution of some problems in exploratory magnetometry by means of magnetic models, p. 37.
Akopian, T.S. - Magnetic properties of rocks of Armenia, p. 61.
Skuridin, G.A. - Approximation solution of a problem of diffraction of plane elastic longitudinal wave relative to a horizontal fault, p. 79.
Murusidze, G.IA. - Using unidirectional hodographs of reflected waves in seismic prospecting, p. 91.
Prangishvili, G.M. - The state of seismic investigation of Colchis, p. 103.
Bukhnikashvili, A.V. - The study of earth currents, p. 115.
Kebuladze, V.V. - Methods and some results based on stationary observations of earth's electric currents in Dusheti and TSikhisdzhvari, Georgian S.S.R., p. 171.
Chanturishvili, L.S. - Quantitative consideration of the effect of the relief for some cases of direct current prospecting, p. 190.
TSitsishvili, D.A. - Engineering electric prospecting at a hydroelectric power construction site in the Georgian S.S.R. p. 211.
Abakelia, M.S. - Problem of geological interpretation of the Transcaucasian lowland regional gravitational field, p. 219.
Aizenberg, M.A. - Interpretation of the regional gravitational picture of Georgia, p. 229.
Bukhnikashvili, A. - Evgenii Ivanovich Blius, p. 237.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 20, no. 5, May 1956.

Table of contents translated:

Zolinskii, V.V., and others. - Investigating the fluorescence and phosphorescence capacities of complex organic molecules, p. 507.
Ermolaev, V.L. - Sensitized phosphorescence in aromatic compounds (energy transfer from a triplet level to another triplet state), p. 514.
Topilskov, P.A., Piatnitskii, B.A. - Effect of concentration and of the solvent on the phosphorescence of aromatic compounds at low temperatures, p. 520.
Piatnitskii, B.A., Fadeeva, M.S. - Temperature quenching of phosphorescence of some aromatic acids, p. 524.
Lebedev, N.A., Shmerkovich, I.D. - Paramagnetism of boric phosphors in the phosphorescent state, p. 529.
Ryzhikov, B.D. - Chemiluminescence of lucigenin, p. 533.
Godnev, T.N. - Structure of a chlorophyll-protein-lipoid complex, p. 537.
Godnev, T.N., Efremova, R.V., Kravtsov, L.A. - Effect of some acidic and basic substances on the absorption spectra of chlorophyll and chlorophyllide, p. 540.
Pavliuchenko, M.M., Ermolenko, I.N. - Spectrum analysis of the products and mechanism of the oxidation reaction of cellulose and nitrogen dioxide, p. 546.
Feofilov, P.P. - Polarized luminescence of cubic crystals, p. 552.
Tumerman, L.A. - Electroluminescence of organic compounds, p. 552.
Zhevandrov, N.D. - Polarization diagrams for the luminescence of molecular single crystals, p. 553.
Fedorov, F.I. - Determining the optical parameters of absorbing crystals, p. 564.
Zhevandrov, N.D. - Polarization spectra of some naphthylamines and polyenes, p. 570.
Bolyi, M.U., Shishlovskii, A.A. - Absorption and luminescence of lead and thallium fluoride solutions, p. 574.
Bolyi, M.U., Gudymenko, K.F. - Luminescence and absorption of lead salt solutions, p. 579.
Tolstoi, N.A., and others. - Kinetics of the luminescence of platinum cyanide compounds, p. 583.
Bonch-Bruevich, A.M. - Measuring the duration of fluorescence by means of a phase fluorometer, p. 591.
Bonch-Bruévich, A.M., Molchanov, V.A., Shirokov, V.I. - A new phase fluorometer, p. 596.
Neporent, B.S., Kolochkov, V.P. - Luminous spectrometric apparatus for the investigation of luminescence, p. 601.
Shirokov, V.I. - Light emission stabilization of gaseous discharge sources, p. 605.
Levshin, V.L. - Concluding remarks, p. 608.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geofizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geophysical Series]. Moscow, no. 6, June 1956.

Table of contents translated:

Skuridin, G.A. - Jumps in discontinuous solutions of dynamic equations in the theory of elasticity, p.625.
Monakhov, F.I. - Characteristics of sources of storm microseisms, p. 634.
Berzon, I.S., Paritskaia, G.N., Starodubrovskaia, S.P. - Recording high-frequency reflected waves in the Russian Platform, p. 644.
Khalfin, L.A. - Field of a point source in the presence of compressed and extended spheroids, p. 657.
Sarkisian, A.S. - Generalization of Ekman's theory, p. 669.
Malkovich, M.S. - Method of theoretical determination of the vertical gradient of air temperature, p. 676.
Tatarskii, V.I. - Microstructure of the temperature field in the atmospheric layer near the ground, p. 689.
Magnitskii, V.A. - The nature of the transitional layer of the earth's shell at a depth of 400-900 kilometers, p. 700.
Simonenko, T.N. - Calculating the value of $Z_n$ on the basis of measured values of $\Delta T$, p. 704.
Vladimirov, N.P., and others. - Experimental studies of phenomena of electromagnetic field formation in a multilayered medium, p. 708.
Timofeev, A.N. - Method of characteristic points, p. 712.
Ruzin, M.I. - Effect of turbulent friction on the movement of air particles, p. 723.
Velikanov, M.A. - Power balance of a sediment-bearing stream, p. 726.
Fifth interdepartmental conference on research problems of clouds, precipitation, and thunderstorm electricity; p. 735.
A.I. Voeikov and current problems of climatology; materials of the meeting of the scientific council of the Main Geophysical Observatory devoted to the memory of A.I. Voeikov, p. 739.

No. 7, July 1956.

Table of contents translated:

Savarenskii, E.F. - Distortions in seismic maps, p. 745.
Bulanzhe, IU.D. - Formula for computing errors of the gravimetric relation of two points in connection with frequent measurements accomplished with a group of gravimeters, p. 755.
Koz'lakova, K.IA. - Some results of calibrating SN-3 gravimeters, p. 765.
Bokanenko, L.I. - Determining frequency and phase characteristics of electrodynamic seismic receptors by means of auxiliary excitation coils, p. 770.
Fedoseenko, N.E. - Portable high-frequency station for parametric measurements, p. 794.
Uryson, V.O. - Decreasing the effect of disturbances in deep electric prospecting, p. 801.
Tarcev, B.A. - Some applications of the absolute current method to the study of level variations of a shallow sea, p. 813.
Vul'fson, N.I. - Conditions of formation of cumulus in a mountainous region, p. 821.
Mkhitarian, A.M. - Distribution of atmospheric pressure at sea level, p. 831.
Pudovkin, I.M. - Magnetic variations at high latitudes, p. 835.
Shashkin, V.L. - Method for determining the natural background of gamma-ray counters, p. 838.
Tamrazian, G.P. - Earthquakes in the vicinity of Kazbek and elastic tides, p. 849.
Krasnogorskaia, N.V. - Results of measuring electric charges of particles of precipitation in the free atmosphere, p. 844.
Litvinov, I.V. - Determining the steady rate of fall of snowflakes, p. 853.
Kachurin, L.G., Zaitseva, N.A., Lomanova, S.I. - Temperature limits of formation of ice particles in supersaturated water vapor, p. 857.
Udalevich, F.F. - Multiple scattering in the infrared region of the spectrum, p. 862.
Morozov, V.M. - Origin of noctilucent clouds, p. 865.
Khvostikov, I.A. - Characteristics of noctilucent clouds, p. 869.
The third meeting of workers of the European Seismological Committee, p. 872.
The first all-Union conference on geothermal research in the U.S.S.R, p. 874.
Dissertations defended in the Scientific Council of the Geophysical Institute of the Academy of Sciences of the U.S.S.R. in 1956, p. 876.

AKUSTICHESKII ZHURNAL [JOURNAL OF ACOUSTICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 2, Apr.-June 1956.

Table of contents translated:

Krasil'nikov, V.A., Obukhov, A.M. - Wave propagation in a medium with random inhomogeneous refraction coefficient; review, p. 107.
Bobchuk, A.S., Makarov, L.O., Rozenberg, L.D. - Mechanism of cavitation erosion in surface films in an acoustic field, p. 113.
Bormosov, IU.N., and others. - Experimental investigation of relaxation processes caused by passing ultrasonic waves through fluids, p. 118.
Brekhovskikh, L.M. - Focusing sound waves by means of inhomogeneous media, p. 124.
Gazarian, IU.L. - Wave guide propagation of sound in inhomogeneous media, p. 133.
Gershuni, G.V. - New methods for measuring human hearing and the results achieved by these measurements, p. 137.
Zverev, V.A. - Modulation method for measuring ultrasonic dispersion, p. 142.
Isakovich, M.A. - Scattering and emission of waves brought forth by statistically inhomogeneous and statistically vibrating surfaces, p. 146.
Isakovich, M.A. - Use of layers which eliminate the generation of transverse waves during the reflection of longitudinal waves from solid boundaries, p. 150.
Kaminir, G.I., Tartakovskii, B.D. - Experimental investigation of ultrasonic transition waves, p. 154.
Koshkin, N.I., and others. - Fixed-distance pulse method, its physical principles and practical applications, p. 161.
Kudriavtsev, B.B. - Velocity of sound in liquids, liquid mixtures and solutions, p. 167.
Lovin, M.L., Rytov, S.M. - Transition to geometric approximation in the theory of elasticity, p. 173.
Leporskii, A.N. - Sound wave scattering at sinusoidal and serrate surfaces, p. 177.
Lysanov, IU.P. - On an approximate solution of a problem on sound wave scattering at uneven surfaces, p. 182.
Liamshev, L.M. - Nonmirror reflection of sound waves at thin cylindrical shells, p. 188.
Mikhailov, I.G., Feofanov, G.N. - Differential method

of measuring ultrasonic wave absorption in liquids. p. 194.
Nozdrev, V.F. - Use of ultrasonic methods for studying organic substances in the critical range. p. 199.
Rzhevkin, S.N. - Some data on the analysis of singing voice. p. 205.
Chernov, L.A. - Correlational properties of waves in randomly inhomogeneous media. p. 211.
El'piner, I.E. - Biological influence of ultrasonic waves. p. 217.
In memory of Pierre Curie, 1859-1906. p. 223.
E.A.Shoplo, 1891-1951; fifth anniversary of his death. p. 223.
Aver'ianova, V.G., Makarov, V.I., Rzhevkin, S.N. - Visualization of displaced ultrasonic waves in transparent solids. p. 224.
Goliamina, I.P. - Ultrasonic emitter made of nickel ferrite. p. 225.
Liamshev, L.M., Rudakov, S.N. - Sound reflection at thick bounded plates. in liquids. p. 228.
Mikhailov, G.D., Tikhonova, N.V., IAdrova, I.M. - Excitation of quartz emitters simultaneously at several frequencies. p. 231.

FIZIKA, MEKHANIKA, MATEMATIKA; Sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [PHYSICS; MECHANICS, MATHEMATICS; Classified Index of Articles in Foreign Periodicals]. Issued by Vsesoiuznaia gosudarstvennaia bibliioteka inostrannoi literatury [All-Union State Library of Foreign Literature]. Moscow, nos. 4(44), 6(46), 1956.

FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 16, no. 4, July-Aug. 1956.
Table of contents translated:
Improving the polytechnical training of students. p. 3.
Kucherov, N.I. - Favorable opposition of Mars. p. 6.
Gaus, G.P. - Exhibition of socialistic technology. p. 14.
Shaskol'skaia, M.P. - Irene Joliot-Curie. p. 26.
Prigorovskii, F.V. - Explanation of topics related to the sixth five-year plan in class instruction. p. 30.
Krauklis, V.V. - Teaching the subject "Uniformly changing motion" in the eighth class. p. 39.
Pikanovskii, L.D. - Teaching the subject "Rotational motion." p. 44.
Menshutin, N.F. - Interrelation between manual training and the teaching of physics. p. 49.
Erdei-Gruz, Tibor. - Teaching of physics in Hungarian schools. p. 51.
Popov, P.I. - Astronomical observations from September to December, 1956. p. 54.
Mogilko, A.D. - Studying topics of time as observed in classes. p. 59.
Laboratory exercises in physics. p. 63.
Khazanov, I.L. - Rotation of the current conductor around a magnet. p. 66.
Zherekhov, G.I. - Two electrostatic experiments. p. 67.
Persidskii, A.A. - Experiments with a self-made chronograph. p. 69.
Kamenetskii, S.E. - Experience in conducting electrotechnical practicum. p. 71.
Nikitin, A.V. - Electrotechnical practicum in rural schools. p. 73.
Deminisev, A.D. - School excursions with the topic "Alternating current." p. 76.
Readers' suggestions. p. 79.
Review and bibliography. p. 81.
Brief news. p. 87.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Organ of Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Leningrad, no. 6, June 1956.
Table of contents translated:
Gaigerov, S.S. - Some results of meteorological observations on the drifting station "Severnyy polius - 4" during the summer of 1955. p. 3.
Mashkovich, S.A. - Seasonal changes of jet streams. p. 14.
Kalinin, G.P. - Runoff rate of melt and rain waters. p. 22.
Kunits, A.V. - Quantitative characteristics of cyclonic activity. p. 29.
Kvaratskheliia, I.F. - Problem on determining the tropopause. p. 30.
Chirkov, IU.I. - Determining the soil temperature on the basis of the air temperature during planting and germination of corn. p. 32.
Felitsyn, B.I. - Interaction of the Volga and Oka Rivers at their confluence in relation to the controlling influence of the Shcherbakov Hydroelectric Power Station. p. 35.
Muromtsev, A.M. - New map showing the salinity content in the surface of the Northern Pacific Ocean. p. 36.
Gvetesiani, P.I. - Protecting buffers of air-borne meteorographs against icing. p. 39.
Leonov, IU.T. - Improvement in the ventilation of pilot-balloon lanterns. p. 39.
Begizov, A.D., Riabinin, P.I. - Filmstrips and motion pictures. p. 40.
Zaitsev, V.A., Ledokhovich, A.A. - Effect of cloud and rain drops on atmospheric temperature measurement from an airplane. p. 41.
Sinel'shchikov, V.V. - Improve observations on soil moisture. p. 44.
Kazanskii, I.L. - Improvement of soil borings. p. 47.
Dzhordzhio, V.A. - Jet stream. p. 49.
Pagava, S.T. - Synoptic method for compiling long-range weather forecasts shortly before the forecast phenomenon occurs. p. 61.
Timofeev, D.P. - New book on aviation meteorology. p. 63.
Pavlov, V.M. - "Hydrology of dry land." A.I. Chebotarev. p. 67.
Groz', D.G. - Hydrometeorological research in regions of reclaimed virgin and idle lands. p. 68.
Zakharov, V.N. - In the presidium of the Scientific-Technological Council of the Chief Administration of the Hydrometeorological Service. p. 69.
Information notice. p. 69.

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.
Contents:
[Abstracts] Referaty 24556-27650. 305 p.

USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Moscow, vol. 59, no. 2, June 1956.
Table of contents translated:
Dorman, L.I., Feinberg, E.L. - Cosmic ray intensity variations. p. 189.
Khvostikov, I.A. - Ozone in the stratosphere. p. 229.
Sorokin, V.S. - Law of conservation of motion and the units of motion in physics. p. 325.
Gavrilluk, V.M. - Conference on cathode electronics. p. 363.
Basov, N.G., Osipov, B.D., Prokhorov, A.M. - Molecular generator operating without the use of molecular beams. p. 375.

ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 30, no. 5, May 1956.
Table of contents translated:
Shlingin, K.N. - Electron spectra of $Pu^{239}$, $Pu^{240}$ and $Pu^{241}$. p. 817.
Skanavi, G.I., Lipaeva, G.A. - Temperature and frequency dependence of the dielectric constant and loss angle of some solid dielectrics at a 3 cm. wave length. p. 824.
Gladkovskii, V.V., Meikliar, P.V. - Dark conductivity of silver bromide crystals. p. 833.
Meshkovskii, A.G., Sokolov, L.I. - Ionization spectra of the soft components of cosmic rays at sea level. p. 840.
Peshkov, V.P. - Enrichment of helium with isotope $He^3$. p. 850.
Gavrilov, B.I., Lazareva, L.E. - Photoneutron yields from intermediate and heavy nuclei. p. 855.
Gubanov, A.I. - Electron scattering in a liquid due to the violation of long-range order. p. 862.
Grigor'ev, V.I. - Generalized method of calculating damping in the relativistic quantum field theory. p. 873.
Timan, B.L. - Accounting for the effect of noncentral forces on bremsstrahlung in neutron-proton collisions. p. 881.
Malakhov, A.N. - Shape of the spectral line of fluctuating-frequency oscillators. p. 884.
Kolesnikov, N.N. - Energy surface properties of heavy nuclei. p. 889.
Kerimov, B.K., Dzhavadov, A.V. - On the statistical theory of the atomic nucleus. Part 3. p. 900.
Akhiezer, A.I., Polovin, R.V. - On the theory of wave motion of electron plasma. p. 915.
Tolpygo, K.B., Uritskii, Z.I. - Theory of polaron mobility. p. 929.
Lifshits, I.M., Stepanova, G.I. - Oscillation spectrum of nonordered crystal lattices. p. 938.
Pontecorvo, B.M. - One-meson and nonmeson annihilation of antinucleons. p. 947.
Tietz, T. - Selection of physically acceptable solutions of the Schrödinger equation for the hydrogen atom. p. 948.
Tevikian, R.V. - Solution of the Schwinger equation for the Bloch-Nordsieck model. p. 949.
Ingarden, R.S. - On the theory of hyperons. p. 951.
Orlov, IU.F. - Influence of the proximity of external resonance on the magnitude of the critical energy in a strong-focusing accelerator. p. 953.
Levintov, I.I. - Magnitude of the nuclear spin-orbit interaction. p. 957.
Nikishov, A.I. - Interaction of $\pi^-$-mesons with protons at 4.5 Bev. p. 960.
Gitterman, M.Sh. - "Smoothing" of charge density in the polaron theory. p. 992.
Tamm-Dankov method. p. 971.
Govorkov, A.B. - Neutrino-induced disintegration of deuterons. p. 974.
Shapiro, I.S. - Peculiarities of the levels of nonspherical even-even nuclei. p. 976.
Klimontovich, IU.L. - Concerning the correlation function for quantum systems. p. 977.
Okun', L.B., Shmushkevich, I.M. - Capture of $K^-$-mesons by deuterium, and interaction between hyperons and nucleons. p. 979.
Bogdanov, G.F., and others. - Spectra of neutrons produced by bombarding light nuclei with 14 Mev deuterons. p. 981.
Belen'kii, S.Z. - Diffraction scattering of high energy $\pi$-mesons by nuclei. p. 993.
Vavilov, P.V. - Radiative disintegration of an $\Lambda^0$-particle. p. 995.
Vdovin, IU.A. - Production of nuclear "stars" by $\gamma$-quanta. p. 955.
Kalebin, S.M. - Isomeric transition of the $Sn^{117*}$ nucleus. p. 957.
Moskalenko, V.A. - Theory of interaction between an exciton and phonon field. p. 959.
Gurevich, V.L. - Nuclear capture of neutrons with an energy of several Mev. p. 961.
Karpman, V.I. - Correlation between the planes of formation and disintegration of $\Lambda^0$-particles. p. 963.
Ritus, V.I. - Renormalization of the Tamm-Dancov equation. p. 965.
Gramenitskii, I.M., and others. - Two $\tau$-mesons detected in a photographic emulsion. p. 967.
Gol'danskii, V.I. - Concerning $\gamma p$-reactions connected with the formation of ground state nuclei. p. 969.
Kirzhnits, D.A. - Renormalization of mass in the

## 14. MEDICINE

### a) GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 11, no. 3, 1956.
Table of contents translated:
Nesterov, A.I. - Scientific research plan of Institutes of the Academy of Medical Sciences of the U.S.S.R. for 1956-60. p. 3.
Discussion on the report by A.I. Nesterov, vice president of the Academy of Medical Sciences of the U.S.S.R. p. 22.
Miasnikov, A.L., Ratner, N.A. - Problem of hypertension in foreign countries and the U.S.S.R. during the last ten years. p. 29.
Zdrodovskii, P.F. - Present state of immunological theory and its problems in the immediate future. p. 43.
Krotkov, F.G. - Trip of Soviet medical scientists to the people's China. p. 58.
Gorizontov, P.D., Moroz, B.B. - Problems in experimental radiobiology. p. 63.
Fateeva, M.N. - Problem of medical radiology in clinical practice. p. 70.
Letavet, A.A., Parkhomenko, G.M. - Medical radiology and problems in hygiene. p. 77.
Vlazemskii, N.M. - Present-day problems in neurosurgery. p. 81.
Mamulov, N.I., Lotta, IU.A. - New medical, physiological, and biological apparatus. p. 84.

BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 41, no. 6, June 1956.
Table of contents translated:
Raiskina, M.E., Samoilova, Z.T. - Effects of I.P. Pavlov's accelerator nerve on coronary circulation. p. 3.
Alekseev, M.A. - The role of the auditory analyser in the perception of rhythm and in rhythmical muscular activity. p. 7.
Marshak, M.E., Maeva, T.A. - Manifestations of hypoxia during muscular activity. p. 13.
Serafimov, V., Popdimitrov, I. - Resuscitation of the organism following clinical death in dogs with a denervated carotid sinus. p. 16.
Maslova, K.K. - Effect of nicotine on experimental atherosclerosis. p. 20.
Vadkovskaia, IU.D. - Renin content in human kidneys following death from hypertension, and in rabbits with experimental hypertension induced by coarctation and with cholesterinen atherosclerosis. p. 23.
Teterina, V.I. - Alloxan anemia. p. 27.
Badmaev, K.N. - Therapeutic effects of hypertonic solutions in traumatic edema of the brain. p. 30.
Morozova, E.N. - Cholesterin esterase of the bone

marrow. p. 30.
Stepanian, E. P., Gorbarenko, N. I. - Determination of hyaluronidase in urine. p. 39.
Vikhliaev, IU. I., Losev, N. I., Shapiro, I. M. - Effects of various narcotics on the development of toxic pulmonary edema induced by ammonium chloride. p. 42.
Samoilova, Z. T. - Effect of narcotics on renal circulation in healthy dogs and in dogs with experimental hypertension. p. 45.
Maiskii, I. N., Suvorova, G. V. - Effect of brief inhibition and excitation of the central nervous system on the immunologic reactivity of the system with relation to a cancer antigen. p. 49.
Korosteleva, T. A. - Precipitation method in the detection of specific antigens which developed following orthoaminotolurine administration. p. 50.
Gordienko, A. N., and others. - Effects of the duration of antigen contact with skin receptors on antibody formation. p. 56.
Karaev, A. I., Kafarova, R. Z., Rustamova, Sh. - Effect of the stimulation of chemoreceptors of the liver and mechanoreceptors of the colon on the phagocytic activity of leukocytes. p. 58.
Svet-Moldavskii, G. IA. - Serological reactivity of cold-blooded vertebrates; rate of disappearance of parenterally introduced heterogenous protein from the blood of frogs (Rana ridibunda) at various body temperatures. p. 61.
Ulkin, I. A., Kosichenko, L. P. - Effects of pain and its reactions on cell division in the corneal epithelium of mice. p. 65.
Blumberg, A. Zh. - Experimental histological research on the epithelium in the anal region of rats. p. 70.
Author index. p. 74.
Subject index. p. 78.

Vol. 42, no. 7, July 1956.
Table of contents translated:
Dmitriev, V. D. - Significance of the cerebral hemispheres in the compensation of motor functions following bilateral hemisection of the spinal cord. p. 3.
Anikina, N. A. - Electrophysiological investigations of the mechanism of chemoreception. Report no. 1: Modification of afferent impulse conduction in intestinal nerves following chemical irritation of receptors by nicotine and acetylcholine. p. 8.
Mikhailovskii, G. P. - Data on the effect of stimulation of interoceptors of the gastrointestinal system on unconditioned defense reflexes. Report no. 1: Relation of effects from interoceptors to the nature of the stimulus. p. 13.
Liuban, G. L. - Modifications of the reaction to certain shock-inducing stimuli in an organism during restoration of vital functions following clinical death. p. 19.
Napalkov, A. V. - Study of new methods of experimental therapy based on "destruction" of pathological conditioned reflex bonds. p. 22.
Shkol'nikova, M. D. - Effect of the tuberculosis antigen on the blood system of animals. Report no. 4: Reflex nature of leukocytosis and of bone marrow reaction to administration of a BCG culture. p. 25.
Dul'tsin, IA. A. - Effect of an allergic reaction on the course of pregnancy in animals. p. 30.
Popova, T. V. - Interoceptive reflexes in experimental fever in dogs. p. 33.
Kisin, E. E. - Investigation of the effect of pilocarpine and of acetylcholine on sweating on a Filatov pedicle flap. p. 39.
Moreva, E. V. - Effect of vitamin P on the toxic effect of poisons of conjugated phosphorylation. p. 42.
Podlesnaia, A. I. - Rhythmic tremor of the skeletal muscle caused by thiol poisons. p. 44.
Troitmova, Z. G. - Action of certain cardiac drugs on the coronary vessels in dogs; electrocardiographic studies using motion pictures. p. 49.
Podzei, L. K., Vinogradova, V. D. - Results of heterogenic transplantation of a Rous sarcoma in decerebrated and normal pigeons. p. 54.
Zolikov, E. A. - Changes in the immunological properties of rabbit serum following homotransplantation of the skin. p. 58.
Dokukin, A. V. - Histophysiological changes in the genital tract in mammals during estrus. Report no. 2: Morphophysiological changes in sperm in the genital tract of the female. p. 61.
Troshina, V. P., Shturm, V. A. - Effect of low temperatures on isolated epithelial cells of white mice and frogs. p. 63.
Fridenshtein, A. IA. - Distribution of nucleic acids in specific granulomas in experimental tuberculous infections and in vaccinal processes. p. 67.
Balashova, E. G. - Relation between nerve cells and capillaries in the brain in adult animals. p. 71.
Prokhorova, A. M. - Pathoanatomical changes in the central nervous system and in the internal organs in white mice following the administration of various doses of barbamil. p. 75.
In memory of M. A. Vorontsova. p. 79.

MEDITSINSKAIA RADIOLOGIIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 1, no. 1, Jan.-Feb. 1956.
Table of contents translated:
From the editor. p. 3.
Pobedinskii, M. N. - Development of Russian medical radiology; on the 60th anniversary of the discovery of radioactivity. p. 5.
Gorizontov, P. D. - Modern aspects of the problem of the pathogenesis of radiation sickness. p. 9.
Livanov, M. N. - Central and peripheral interrelationships in radiation sickness. p. 19.
Strelin, G. S. - Some features of the biological action of ionizing radiations. p. 27.
Mytareva, L. V. - Process of tissue respiration and of associated oxidative phosphorylation in radiation sickness in experimental animals. p. 35.
Voskoboinikov, G. V. - Effect of roentgen rays on catalase activity in rat tissue. p. 39.
Kiselev, P. N., Buzini, P. A., Nikitina, K. I. - Immunologic analysis of the state of increased resistance of the organism to ionizing irradiations. p. 43.
Trotiskii, V. L., Chakhava, O. V., Kozlova, N. A. - Effect of ionizing radiation on antibody formation. p. 49.
Tumanian, M. A., Izvekova, A. V. - Effect of ionizing radiation on immunity to enteric infections. p. 59.
Uspenskii, IU. N. - Effect of ionizing radiation on the function of digestive organs. p. 66.
Zakutinskii, D. I. - Certain characteristics of the effect of radioactive substances on the organism. p. 66.
Zhorno, L. IA. - Modification of the ascorbic acid content of the adrenals in guinea pigs irradiated with X rays. p. 79.
Brief news. p. 80.
(DAFM)

Vol. 1, no. 2, Mar.-Apr. 1956.
Table of contents translated:
Lebedinskii, A. V. - Reaction of the cardiovascular system to ionizing radiation. p. 3.
Domshlak, M. P. - Therapeutic use of radioactive isotopes. p. 10.
Zil'ber, L. A., and others. - Effect of ionizing radiations on the antigenic properties of proteins. p. 17.
Kiselev, P. N., Karpova, E. V. - Effect of preliminary penetrating radiations on the course of bacterial toxicosis. p. 23.
Chakhava, O. V. - Effect of multiple irradiations with small doses of roentgen rays on the development of immunity against Salmonella typhosa. p. 29.
Sofronov, D. N. - Effect of ionizing radiation on focal infection and the effectiveness of its prevention and therapy; experiments with whooping cough infection. p. 33.
Tumanian, M. A., Shovtsova, Z. V. - Chemotherapy of radiation sickness in monkeys under experimental conditions. p. 41.
Duplishcheva, A. P. - Gastrointestinal absorption of certain antibiotics into the blood in radiation sickness. p. 46.
Ivanov, V. I., Priadkina, M. D., Vedeshkina, V. M. - Production of new forms of the vaccinal strain of Pasteurella pestis EV$_{2}$ following irradiation with radioactive isotopes. p. 52.
Cherkasov, V. F. - Depressor reflex from the vagus nerve in radiation sickness. p. 57.
Orlov, A. S. - Inclusion of phosphorus in stable and labile protein compounds bound with nucleic acids in certain organs of white rats following total body roentgen irradiation. p. 65.
Kashchenko, L. A. - Effect of radioactive iodine on the hypophysis and ovaries in mammals. p. 70.
Kholin, V. V. - Characteristics of the reaction of the growing organism to massive doses of ionizing radiations. p. 75.
Aleksandrov, S. N., Galkovskaia, K. F., Zil'berg, IU. G. - Comparison of the biological action of roentgen irradiation and that of irradiation with radioactive cobalt. p. 80.
Gracheva, N. D., Zhinkin, L. N., Shcherban', E. I. - Using liquid emulsions in histoautoradiography. p. 87.

SOVETSKAIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstva zdravookhraneniia SSSR i RSFSR [Ministries of Health of the U. S. S. R. and of the R. S. F. S. R.]. Moscow, vol. 20, no. 5, May 1956.
Table of contents translated:
Barsukov, M. I. - Tasks of the public health service in the light of decisions of the 20th Congress of the Communist Party of the Soviet Union. p. 3.
Tareev, E. M. - Visceral affections in systemic vasculitis and rheumatoid arthritis. p. 10.
Shabanov, A. N. - Modern methods of conservative therapy of endarteritis obliterans. p. 19.
Tur, A. F. - Some new possibilities in the treatment of severe forms of blood diseases in children. p. 24.
Konchalovskaia, N. M. - Symptomatology and therapy of acute leucosis. p. 30.
Kobyzov, A. S. - Treatment of acute leucosis. p. 35.
Pokrovskaia, N. N., Savenkov, P. M. - Pathology of acute lupus erythematosus. p. 38.
Afanas'eva, V. D. - Problem of periarteritis nodosa. p. 42.
Sura, V. V., Sokolova, V. P., Kallitovskii, P. F. - Diffuse myocarditis as a symptom of medicinal hypersensitivity. p. 46.
Mal'skii, I. A., Kapuller, L. L. - Clinical aspects and pathological anatomy of chronic recurrent nonspecific (Fiedler's)myocarditis. p. 50.
Krapivner, V. S., Khmel'nitskaia, K. K. - Condition of the cardiovascular system in endarteritis obliterans of the lower extremities. p. 54.
Arslanov, M. D. - Oscillographic method for examining arteries in the diagnosis of endarteritis obliterans. p. 58.
Popov'ian, I. M., Kunitsina, T. A. - Prevention of postoperative vomiting and regurgitation following gastric resection. p. 61.
Nazaretian, E. L., Anan'ev, V. A., Pozenkova, E. N. - Activity of aldolase and the heterohemagglutination reaction in Botkin's disease. p. 66.
Semenova, M. G. - Use of campolon made from marine animal livers in malignant anemia. p. 72.
Anashkina, V. I. - Results of treating nonspecific infectious polyarthritis associated with cystitis and conjunctivitis (Reiter's disease). p. 73.
Shvartsvasser, I. P., Vaingrib, L. G. - Acute hemorrhagic encephalitis following administration of osarsol. p. 76.
Fortus, B. G. - Psoriasis following strong psychical experience. p. 77.
Bichunskaia, E. I. - Case of angioneurotic edema simulating pulmonary infarct. p. 78.
Malein, L. P. - Case of hemorrhagic vasculitis. p. 80.
Strukov, V. A. - Case of transfusion of Rh-incompatible blood. p. 82.
Entin, A. I., Rafes, IU. I. - ACTH therapy in a case of severe drug hypersensitivity. p. 84.
Dvorkin, A. M. - Ten years of therapeutic and prophylactic services for disabled veterans of World War II by general public health organization. p. 86.
Bukin, IU. V. - D. F. Liambl', a great man of medicine of the mid 19th century. p. 91.

Vol. 20, no. 6, June 1956.
Table of contents translated:
Lukomskii, P. E. - Problem of the prevention and therapy of cardiovascular diseases. p. 3.
Il'inskii, B. V., Semenova, M. P. - Therapeutic nutrition in atherosclerosis. p. 15.
Grinberg, IA. M., Sviridov, P. F., Smirnov, I. M. - Role of a night sanatorium in the prevention and therapy of hypertension. p. 22.
Kopp, I. F., Kats, G. L. - Possibility for a favorable outcome in hypertension with severe retinopathy. p. 25.
Notkina, F. IA., Shenderovich, M. M. - Evaluating pains in the cardiac region in determining working capacity. p. 29.
Shmelev, N. A. - Treatment of tuberculosis with ACTH combined with antibacterial substances. p. 36.
Lachinian, S. R. - Association of hypertension with pulmonary tuberculosis. p. 44.
Khokhol, E. N. - Compound therapy of acute dysentery in children and the prevention of protracted and recurrent forms. p. 47.
Polishchuk, M. F. - Diagnosis of dysentery. p. 52.
Solomchenko, N. I. - Effect of erysimine on cardiovascular insufficiency. p. 57.
Aronina, R. S. - Intradermal novocaine block in the cardiac region in stenocardia. p. 62.
Perlia, A. N. - Result of treating stenocardia with intravenous administration of magnesium sulfate. p. 63.
Vorotilkina, P. I. - Actinomycosis of the heart. p. 66.
Murav'ev, M. V. - Penetrating stab wounds of the thorax. p. 68.
Sumtsova, M. I. - Plantago as a tonic in ambulatory practice. p. 72.
Shmelev, I. V. Gilevich, IU. S. - Cases of diaphragmatic hernia. p. 73.
Sumarokov, S. B. - Purulent pancreatic pseudocyst. p. 74.
Lubenskii, IU. M. - Trauma in forestry. p. 76.
Lisitsyn, IU. P. - I. T. Glebov, an outstanding man of Russian medicine; 150th anniversary of his birth. p. 91.
N. A. Kurshakov; on his 70th birthday. p. 88.
Kushelevskii, B. P. - "Endocarditis." S. A. Gilliarevskii. p. 90.
Belikova-Aldakova, V. D., Dedonov, V. N. - "Course in special epidemiology." V. A. Bashenin. p. 92.
Kurshakov, N. A. - "Therapeutic use of leeches." G. G. Shchegolev, M. S. Fedorov. p. 95.

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 15, no. 4, July-Aug. 1956.
Table of contents translated:
Neupokoeva, T. L. - Rural hospitals in White Russia. p. 3.
Agaev, E. R. - Role of a rural hospital in protecting the health of the population; practice of the "Pervomaiskaia" Regional Hospital in Moscow Province. p. 10.
Bass, M. M. - Scientific consultation work at a medical institute. p. 15.

Bukhovets,V.I., Val'chuk,N.K., Gabovich,R.D. - Studying morbidity with temporary loss of working capacity at machine-tractor stations. p. 18.
Selezneva,V.T., Dashkevich,A.I. - Sanitary and epidemiological stations in a rural district. p. 24.
Želdurs, E. J. - Simplification of medical records. p. 27.
Kovalenko,I.V., Pinchuk,N.V. - Studying the morbidity of the population according to data on the number of visits. p. 31.
Izrailovich,S.D. - Work practice of the council of assistance. p. 36.
Vainer, L.S., Kolesnichenko,N.G., Tsyban', E.P. - Mass surveys as a method for detecting tuberculosis in rural areas. p. 41.
Bilyk,A.A. - Activities of an industrial health center. p. 42.
Marlev,A.N., Kirkorova,M.A. - Results of prophylaxis of intestinal diseases in workers employed in constructing the Stalingrad Hydroelectric Power Station. p. 44.
Kramchaninov,N.F. - History of the control of cholera in Russia in 1829-30. p. 46.
Gelerter,IU. - Rumanian physician Štefan Stynka, 1865-1807. p. 50.
Moiseev,V.M. - Progress of public health services in Yugoslavia. p. 56.
Petrov,B. D. - "Materials on the organization of medical services in the Russian navy in the first quarter of the 18th century." p. 60.
Dogle,N.V. - "Dispensary service for the rural population," B.N. Grushko , T.R. Petrova. p. 61.

SOVREMENNYE PROBLEMY ONKOLOGII; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [CONTEMPORARY PROBLEMS OF ONCOLOGY; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 8, no. 5(74), 1956.

SOVREMENNYE PROBLEMY TUBERKULEZA; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [CONTEMPORARY PROBLEMS OF TUBERCULOSIS; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 7, no. 5(41), 1956.

(DAFM)

VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 31, no. 3, May-June 1956.

Table of contents translated:

Norman, Kh. K. - Using the radioactive isotope for studying the intensity of phosphorus metabolism of erythrocytes in tuberculosis. p. 3.
Granovskaia, N.N. - Penetration of radioactive phosphorus into the organism through normal and damaged skin. p. 7.
Perkovich, E. A. - Using labeled atoms to investigate certain problems in experimental rickets. p. 12.
Kapitsa, L.M., Fedorova, A. D. - Effect of radioactive isotopes of strontium on consolidation of fractures. p. 18.
Gorbatiuk, N. V. - Dosage of radioactive substances for internal therapeutic administration. p. 21.
Shcherbina, M. G., Slukova, L. M. - Treatment of cancer of the cervix uteri with radiocobalt in a gamma-ray apparatus in association with intracavitary irradiation. p. 25.
Zaslavskii, L. D., Bagrianskii, K. P., Anfimova, N. D. - Roentgenotherapy of cancer of the lower lip. p. 31.
Bazhenova, A. A. - Trophic changes in bone tissue in diseases of the spinal cord. p. 34.
Vanina, L. V. - Anatomical characteristics of the symphysis pubis in women as revealed by X rays. p. 40.
Aizenberg, M. F. - Age and sex characteristics of the symphysis pubis in a roentgenologic picture. p. 44.
Gol'tsman, E. M. - Fibrous dysplasia of the cranium. p. 47.
Gratsianskii, V. P., Vialskikh, I. A. - Some certain data on a favorable course of tuberculous osteitis. p. 50.
ranial calcifications
ngitis. p. 61.
logic diagnosis
rtebrae. p. 67.
hronic forms
6.
the
, 81.
of

May 1, 1950. p. 2.
Semeka, S.A. - Generalissimo Suvorov and public health conditions in the army; on the 150th anniversary of his death. p. 3.
Sergiev, P.G. - New achievements in the treatment and prevention of malaria. p. 15.
Shelurenkova, A.I. - Prevention of malaria by drugs among troops in a hot climate. p. 25.
Gruzhovskii, V.E., Simonovich, E.N. - Effect of meteorological factors on spring epidemics of tertian malaria. p. 34.
Trukhan, P.T. - Use of sulfamide preparations for checking outbreaks of acute intestinal diseases. p. 37.
Talanov, S.I. - Main problems in the organization of therapeutic and prophylactic services for the troops during camping periods. p. 39.
Kheifets, M.A. - Case for a comparative series of culture media. p. 43.
Marchenko, M.A., Skvortsova, T.P. - Case of acute nephritis treated by penicillin. p. 45.
Gnezdilov, V.G., and others. - Encyclopedic dictionary of military medicine (conclusion). p. 46.
Krotkov, F.G. - In the Academy of Medical Sciences of the U.S.S.R. p. 56.

(DAFM)

No. 6, June 1951.

Table of contents translated:

Editorial: Improve medical inspection of the physical fitness of troops. p. 3.
Bagdasar'ian, S.M. - N.N. Burdenko, an outstanding Soviet surgeon; on his 75th birthday. p. 8.
Dilibis, A.F. - Some problems in the pathogenesis and treatment of dysentery. p. 16.
Gleikhman, S.A. - Clinical aspects of lambliasis. p. 23.
Nadir'iants, N.N. - Diagnosis and treatment of appendicitis. p. 28.
Amelin, A.Z., Poliakov, IA.F. - Results of histological examinations of surgically removed appendices vermiformes. p. 34.
Eidel'shtein, S.V. - Late results of gastric resection. p. 37.
Iusina, N.V. - Nicotinic acid for treating Botkin's disease. p. 41.
Konstantinova, V.P. - Necrotic enterocolitis. p. 43.
Smirnov, K.M. - Diagnostic significance of some functional tests. p. 45.
Bel'tiukov, N.A. - The Issyk-Kul sanatorium and its resort and climatological therapeutic factors. p. 52.
Filinov, N.E. - Indications and contraindications for the treatment of hypertension at the Sochi-Matsesta health resort. p. 60.
Amosov, A.D. - Treatment of gunshot osteomyelitis in a sanatorium. p. 60.
Kiktenko, V.S. - Epidemiology and prevention of leptospirosis. p. 64.
Nesgovorov, B.E., Tatko, TS.S. - Laboratory diagnosis of leptospirosis and examination of murine rodents as carriers of Leptospira. p. 70.
Grigor'ev, I.I. - Survival of Leptospira on various objects. p. 73.
Mats, A.S., Solomin, N.N. - Some observations in anicteric leptospirosis. p. 76.
Fomin, N.N. - Inhibition of the abdominal reflex as a symptom in acute appendicitis. p. 79
Choromskii, A.S. - Diagnosis of appendicitis. p. 79.
Naftol'ov, IA.A. - Case of cancer of the appendix vermiformis. p. 80.
Vakhrameev, P.I. - Treatment of chronic inflammatory diseases of the skin and subcutaneous cellular tissue by surgical removal of the inflammatory focus. p. 81.
Shcheglov, B.N. - Streptomycin treatment for icteric hemorrhagic leptospirosis. p. 82.
Liubiev, G.D. - Treating excessive perspiration of the feet. p. 83.
Beliaev, N.V. - Prevention of excessive perspiration of the feet. p. 83.
IAkovlev, A.V. - Laboratory diagnosis in the regiment. p. 84.
Il'in, V.A. - Two types of orthopedic apparatus for treating stiffness of the talocrural joint. p. 85.
Khasanov, D.F. - Device for active exercise of the knee joint. p. 86.
Eglazarov, G.M. - Rating Subbotin' s method for determining ammonia. p. 87.
Finn, E.A. - Bacteriological agents as weapons of imperialistic aggression. p. 88.
Teodori, M.I. - Plenum of the administration of the All-Union Society of Therapeutists. p. 93.
New drugs. p. 95.
New books. p. 96.

(DAFM)

No. 9, Sep. 1951.

Table of contents translated:

Kudriavtsev, M.A. - Reorganization of "aviation psychology." p. 3.
Petunin, F.K., Gvasaliia, Sh.K. - Some psychological problems in aviation. p. 8.
Lykin, V.G. - Diagnostic value of tomography in the clinical treatment of pulmonary tuberculosis. p. 10.
Mordkovich, M.L. - Joint syndromes in tuberculous infection. p. 14.
Bezruchenko, E.G. - Streptomycin therapy for chronic pulmonary tuberculosis. p. 18.

Antonov, IU.S. - Immediate results of pneumoperitoneum for treating pulmonary tuberculosis. p. 25.
Pis'mennyi, M.S. - Keeping pulmonary tuberculosis patients outdoors at the Sosnovskii health resort. p. 30.
Grinshpunt, E.M. - Some peculiarities of the course of tuberculous meningitis in adults treated by streptomycin. p. 32.
Neushev, G.M. - Streptomycin and PAS treatment of tuberculosis in a sanatorium. p. 37.
Sagantaev, M.M. - Using PAS for treating some forms of pulmonary tuberculosis. p. 42.
Beier, V.A. - Stimulators of hematopoiesis. p. 45.
Rechmenskii, S.S. - New methods of bacteriological analysis of the air. p. 51.
Krakht, S.V., Medvedev, S.V., Koz'minskaia, E.I. - On the problems of outbreaks of tonsillitis. p. 57.
Drakhli, M.IA. - Epidemiological observations in epidemic parotitis. p. 61.
Vas'kovskii, V.A. - Establishing contact between medical specialists of a garrison hospital and unit physicians. p. 64.
Shul'man, M.G. - Organization and activities of a blood transfusion center in a garrison hospital. p. 66.
Pertsov, I.I. - Early diagnosis of tuberculosis. p. 66.
Rabinovich, B.D. - Diagnosing old and new forms of pulmonary tuberculosis with hard X rays. p. 68.
Zhgun, A.A. - Treating valvular pneumothorax. p. 69.
Dankov, S.S. - Modified apparatus for the erythrocyte sedimentation reaction. p. 70.
Ben'kovich, M.A. - Stethophonendoscope. p. 72.
Vinogradov, B.S. - Efficient lighting for X-ray darkrooms. p. 73.
Kotel'nikov, A.V. - Easy way of making a scenic diorama. p. 75.
Kittorenko, L.V. - Visual aids in planning the process of study. p. 76.
Bibergal, S.I. - Air disinfection in dressing and operation rooms in surgical hospitals. p. 80.
Frolov, G.I. - Tissue therapy in otorhinolaryngological diseases. p. 81.
Babushkin, G.A. - Catarrhs of the upper respiratory tract. p. 84.
Daev, I.F. - Two cases of intestinal infarct. p. 85.
Kasatkin, M.R. - Surgical treatment of the varicose enlargement of the veins of the spermatic cord. p. 87.
Tribulev, G.P. - I.M. Sechenov and I.P. Pavlov on I.I. Mechnikov. p. 88.
IAkovlev, G.D. - First instructions for field surgeons in Russia. p. 91.
Isaev, F.F. - From the history of the Lubny field pharmacy; historical reference. p. 92.
Dicumarin. Nonspecific serum. p. 94.
New books. p. 96.

(DAFM)

No. 9, Sep. 1956.

Table of contents translated:

Editorial: Events of great historical significance. p. 3.
Vlasov, K.F. - New drugs for cardiovascular diseases. p. 7.
Poliak, B.L. - Lesions of the eyes induced by penetrating radiation. p. 13.
Veksler, IA.I. - Effect of radiation on the permeability of tissues in man. p. 16.
Sadchikov, N.G. - Methods of medical inspection during physical training lessons. p. 21.
Shtius, E.N. - Hypertension developing in athletes as a result of poorly organized training. p. 26.
Shleifer, Z.L., Rudshtein, A.S. - Observations of changes in arterial pressure and leucocytosis in tank troops. p. 28.
Maorovich, I.M. - Effect of the dropping of atmospheric pressure on the permeability of blood vessels of the inner ear. p. 32.
Briadov, E.A. - Teaching military science in military medical schools. p. 36.
Shevchenko, G.F. - Organization of separate transportation for wounded in forcing a river line. p. 38.
Khait, M.G., Luchkin, G.I. - Pulley block for dragging wounded. p. 40.
Comments on therapeutic practice. p. 42.
Chekanov, A.P. - Changes in the refraction in aviation school students. p. 55.
Simonovich, E.N. - Studying cytogrammes of nasal secretion on celluloid film. p. 56.
Riumshin, G.I. - Gramicidin S for treating the surgeon's hands. p. 57.
Bibergal, S.I. - Quick method of staining blood smears. p. 58.
Egorychev, N.P. - Universal instrument for ligating large vessels. p. 60.
Kozachek, P.S. - Forceps for suturing deep wounds. p. 62.
Kozhevnikov, N.M., Belov, V.N. - Continuous action syringe. p. 62.
Chernenko, V.S. - Sterile cover for an interpolar electromagnet. p. 63.
Blavatskii, V.IA. - Portable quartz mercury vapor lamp. p. 64.
Siniavskii, M.M. - Kit for the physician on duty. p. 65.
Sokolinskii, L.M. - Frontal magnifying glass in bacteriological practice. p. 66.
Smirnov, N.I. - Portable incubator for the field bacteriological laboratory. p. 66.
Shmal', D.D. - New caisson-type bathometer. p. 68.
Gekhman, B.S. - Phantom for studying catheterization of the ureters. p. 69.

Abstracts. p. 71.
Experiences in the management of abdominal and thoracoabdominal injuries in Korea. p. 74.
Shestov, V.I. - Admiral P.S.Nakhimov's attention to naval medicine. p. 79.
Arutiunov, G.A., Malkin, V.B. - Problems in aviation medicine. p. 84.
Nalimov, B.S. - All-Union therapeutic conference. p. 90.
Glutamic (aminoglutaric) acid, Heptylresorcin, Butadione. p. 94.
New books. p. 96.

[MICROFILM]

No. 3, Mar. 1953.
Table of contents translated:
Editorial: Twentieth Congress of the Communist Party of the Soviet Union. p. 3.
Arapov, D.A. - Pathogenesis and treatment of burns. p. 11.
Kornilov, A.N. - Motor function of the gastrointestinal tract in radiation sickness. p. 19.
Zylov, A.M. - Using the classification of chronic gastritis adopted in the Soviet Army. p. 25.
Valuiskii, N.M., Shvarts, Z.Sh., Muratova, P.A. - Using some physical therapy methods in chronic gastritis. p. 31.
Markarian, S.S. - Effect of a prolonged stay at high elevations on the otorhinolaryngological organs in man. p. 34.
Api, M.IA., Nikhamkin, Z.I. - Preventing pressure injuries of the lungs while working with the KIP-5 device. p. 36.
Notkin, E.L. - Methodology of studying the incidence of disease among troops. p. 38.
Korostelev, V.E. - Important divisions of special training for field and naval surgeons in problems of sanitation and epidemic prevention. p. 42.
Chasovnikov, A.A. - Role of the water factor in the epidemiology of bacillary dysentery. p. 46.
Laprun, B.M., L'vovskaia, E.I. - Quick bacteriological diagnosis of dysentery by means of a combined carbohydrate-alcohol column. p. 53.
Shura-Bura, B.I. - Use of sea water for disinfection. p. 55.
Emel'ianov, P.I. - Checking the vitamin C saturation of the urine. p. 57.
Agafonov, A.V. - Method of evacuating the wounded across water barriers. p. 59.
Lapaev, I.I. - Evacuation of the wounded from military zones by means of pontoons. p. 62.
Batrachenko, P.P. - Medical instructions for unit flight personnel in its training with pressure suits. p. 64.
Parnenko, S.E. - Objective acoumetric method using a conditioned motor reflex reaction. p. 65.
Gladkikh, S.G., Shilova, S.A., Tkachenko, N.N. - Organization of tick control in the taiga. p. 67.
Shiba, V.V. - Checking the calorie value of daily food rations. p. 69.
Trotianskii, M.P. - Using an unrefined No. 16 preparation for treating dysentery. p. 70.
Laskina, E.F. - Treating burns. p. 72.
Bogatyrov, M.F., Shereshevskii, V.Kh. - Treatment of burns. p. 75.
Trot'iakov, N.I., Bogdanova, L.P. - Primary suture in combination with penicillin in open wounds. p.78.
Rovinskii, Z.I., Lototskii, IU.F. - Intravenous anesthesia below a tourniquet in the treatment of hand and finger wounds. p. 81.
Abstracts. p.83.
Toxic effects of chemical insecticides on man. p. 88.
Golovko, N.G. - First aid in the polyclinic and at home. p. 89.
Fediaev, B.P. - Enlarged scientific conference on problems of disinfection. p. 90.
Rogozin, I.I. - "Nikolai Fedorovich Gamaleia." IU.I. Milenushkin. p. 93.
New drugs. p. 95.
New Books. p. 96.

[MICROFILM]

No. 4, Apr. 1956.
Table of contents translated:
Preparing for the camping period is an important task for the military medical service. p. 3.
Baiushkin, V.I., Malkin, V.B., Usachev, V.V. - Some data on the body's adaptation to the effect of radial acceleration. p. 10.
Usachev, V.V. - Reasons for visual disorders in prolonged accelerations. p. 19.
Baronov, V.A. - Combined lesions of the nervous system in atomic explosions. p. 21.
Volkov, L.F., Egorova, A.P. - Dynamics of the blood complement titer in radiation sickness combined with other lesions. p. 27.
Isaakian, G.A. - Role of bronchography for the detection of bronchiectases. p. 30.
Mironov, G.S. - Comparative rating of the effectiveness of some methods of vaccine therapy for acute dysentery. p. 33.
Mironenko, G.S. - Vitamin C ionophoresis for treating pyorrhea alveolaris. p. 36.
Gerusova, E.T. - Analysis forms to be attached to case history records. p. 40.
Petrovskii, K.S. - Assuring ample vitamin nutrition. p. 41.
Riabko, N.A. - Role of microclimate in the dynamics of colds. p. 48.
Gromozdov, G.G. - Cat-scratch disease. p. 51.
Ugriumov, B.L., Solomin, N.N. - Clinical and epidemiological characteristic of a natural reservoir with two infections. p. 54.
Nikhinson, I.M., Lev, A.S. - Some data on the role of the water factor in the epidemiology of dysentery. p. 59.
Tararin, R.A. - Characteristic of food poisoning caused by Salmonella enteritidis. p. 60.
Timofeev, M.K. - Organization of disinfection measures in units. p. 61.
Mil'rud, P.A. - Synthomycin therapy for blepharitis and conjunctivitis. p. 64.
Ksenzenko, L.E. - Combined gramicidin and sulfanilamide therapy for blepharitis. p. 65.
Akinin, G.M., Bondarchuk, M.S. - Diagnostic and therapeutic purpose of intrabronchial administration of a penicillin lipiodol emulsion which can be observed by X rays. p. 67.
Volkov, S.I. - Methodology of bronchography. p. 69.
Vlasov, F.T. - Intra-arterial penicillin infections in suppurative septic diseases. p. 71.
Dankov, S.S. - Improved Böhler's splint allowing early active movements. p. 74.
Kosukha, M.N. - Some modifications in the old design of the TsITO apparatus for treating shoulder fractures. p. 76.
Giller, E.E., Liluashvili, S.I. - Set for making simultaneous blood collections. p. 77.
Gol'denfon, I.K. - Modified bronchographic methods. p. 77.
Alekseev, N.A. - Nozzle-fitting a flask for rinsing the upper respiratory organs and the eyes. p. 78.
Kovalenko, I.P. - Mechanized field laundry. p. 79.
Daukin, L.I. - Medical service of the infantry division of the U.S. Army. p. 83.
Burgasov, P.N., Garin, N.S. - "Course in special epidemiology." V.A. Basheinin. p. 89.
Gamaleia, A.N. - All-Union conference on medical radiology. p. 93.

[MICROFILM]

No. 5, May 1956.
Table of contents translated:
Editorial: Ways and tasks of modern aviation medicine. p. 3.
Vladimir Semenovich Levit; on the 50th anniversary of his medical activities. p. 9.
Ermol'eva, Z.V. - Present-day state of the problem of antibiotics. p. 13.
Ivanova, A.T. - Penicillin concentrations in the blood following various methods of administration. p. 23.
Baevskii, R.M. - Ballistocardiography and possibilities of its use in military medicine. p. 29.
Utkin, V.V. - Cerebrovascular diseases in myocardial infarct. p. 33.
Kurilenko, L.S. - Clinical analysis of dynamic disorders of cerebral blood circulation. p. 37.
Ostrovskii, M.I. - Combined affections of the cerebral and cardiac vessels. p. 41.
Fedorov, G.P. - Problems in medical climatology and climatological therapy in sanatoria. p. 45.
Prokof'ev, I.A. - Effect of the meteorological factors of Kislovodsk on atherosclerotic cardiosclerosis. p. 51.
Sitkin, M.N. - Treating dystrophic (benign) polyarthritis at the Khosta sanatorium. p. 55.
Panchukov, I.D. - Results of treating chronic diseases of the joints in Svetlogorsk. p. 61.
Parfenov, A.P., Aleksandreva, V.G. - Alkaline blood phosphatase as an objective indicator of ultraviolet insufficiency. p. 65.
Tvauri, M.P. - Achrichine and garlic phytoncides for treating giardiasis. p. 67.
Prokhorov, V.A. - Some defects in the selection of patients for health resort treatment. p. 71.
Kosmolinskii, F.P., Podol'skii, I.E. - Effect of hyperventilation on increasing flying personnel's ability to work. p. 72.
Barer, A.C. - Combined apparatus for studying the vestibular apparatus and training of flyers. p. 73.
Shvartsgora, B.M., Gogiberidze, A.IA. - Prophylaxis of postoperative suppuration. p. 75.
Rosin, IA.A. - Easier method for the graphic registration of physiological processes. p. 77.
Golantsov, B.N. - Electrocardiographic tapeline. p. 79.
Berdnikov, V.N. - Collar electrode for franklinization. p. 80.
Rykov, V.P., Kirushev, A.A. - Headpiece for testing the ability to hear whispered speech. p. 81.
Beshenuisa, V.I. - Field operating table for treating wounds and burns. p. 82.
Granovskii, L.D. - Attachment to showers for treating wounded on stretchers. p. 84.
Komendantov, G.L. - Controversial problems in the field of the physiology of acceleration. p. 85.
Shalai, K.M., Gumeniuk, A.S., Spector, M.N. - Remarks on Professor D.E. Rozenblum's article on the "Main problems in the field of acceleration physiology." p. 91.
Kulakov, K.N., Il'in, L.I., Aronov, B.M. - A book which did not justify the hope of specialists in aviation medicine. p. 92.

In the Department of Aviation Medicine of the Learned Medical Council of the Director of the Chief Administration of Military Medicine. p. 95.

[MICROFILM]

No. 6, June 1956.
Table of contents translated:
Editorial: Scientific research work in military medicine in administration areas and in fleets should be further developed. p. 3.
Zaretskii, I.I. - New trends in the field of hematology and blood transfusion. p. 8.
Ivanov, I.N. - Diagnostic role of a primary general reaction in acute radiation injuries. p. 16.
Amosov, A.S. - Functional and anatomical changes in the bronchopulmonary system in radiation sickness. p. 21.
Filin, V.I. - Role of intratracheal narcosis in operations for treating acute diseases and injuries of the abdominal organs. p. 29.
Murazian, R.I. - Intraosseous anesthesia in gunshot wounds of the limbs. p. 37.
Bagrov, M.I. - Local intravenous anesthesia below a tourniquet in inflammatory processes of the limbs. p. 41.
Kharitonov, P.A. - Treating cardiosclerosis at the Khosta health resort. p. 45.
Danilov, I.V. - Effect of sea baths on atherosclerotic myocardiosclerosis. p. 50.
Dudchenko, M.A. - Treating urinary calculus at the Truskavets health resort. p. 53.
Kachaev, V.I. - Treating some paresthetic forms of neuralgia at the Sochi-Matsesta health resort. p. 56.
Ivanov, A.A. - Shuttered awning on a metal stand for air and sun baths. p. 62.
Nasonov, G.A. - Treating shock following burns. p. 63.
Shaposhnikov, O.K. - Treating leishmaniasis during the ulceration stage by pricking the ulcer with an achrichine-novocaine solution. p. 65.
Lugina, V.A. - Prevention of cutaneous leishmaniasis in a natural reservoir. p. 67.
Ignat'ev, M.V. - Vitamin C effect on blood prothrombin in atherosclerosis. p. 70.
Voropai, A.V. - Work practice of a medical center. p. 71.
Sukharev, V.V. - New portable fine-dispersing inhaler. p. 74.
Cherednik, E.A. - Electronic cardiotachometer. p. 76.
Muzykantskii, I.M. - Universal ligature instrument. p. 78.
Bernshtein, S.L. - Fountain for a drinking-water container. p. 80.
Bel'tsev, D.I., P'iankov, B.F. - Using a soluble gelatin foam filter for analyzing air. p. 81.
Popov, A.P. - Remarks on the article by D.E. Rozenblium on "Main problems in acceleration physiology" and by G.L. Komendantov on "Controversial problems in the field of acceleration physiology." p. 85.
Polenko, V.K. - Hematopoiesis and ionizing radiation. p. 91.
Ronidasa, Saluzid and soluble saluzid, L-2 forest solution. p. 94.
New books. p. 96.

[MICROFILM]

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 2, no. 8(20), Aug. 1956.
Table of contents translated:
Romanov, N.N. - Physical education should be part of the people's daily life. p. 1.
Pletsityi, D.F. - Immunity. p. 3.
Budennyi, S.M. - Popular sport. p. 4.
Volkov, V.M. - Why is warming up necessary. p. 5.
Kriachko, I.A. - Physical education and prophylaxis. p. 6.
Botvinnik, M.M. - Body hardening and strength of will. p. 8.
Farfel', V.S. - Respiration and movement. p. 9.
Akimov, P.I. - Machine builders' health. p. 11.
Gordon, O.L. - Chronic colitis. p. 14.
Geldeko, A.I. - Grove in the steppe. p. 15.
Polikarpov, V.P. - Great Moscow stadium. p. 16.
Zvlagintseva, S.G. - Exudative diathesis. p. 18.
Korotkov, F.G. - Television at home. p. 20.
Svetov, A. - The mystery of inaudible sounds; science fiction. p. 21.
Nikkel, E.G. - Kindergarten by the river. p. 24.
Khersonskaia, E.L. - Art of the young. p. 25.
Lodis, F.A. - In the Far East. p. 25.
IUrkovskii, A.M. - Rabies. p. 27.
Foreign humor. p. 28.
Health advice. p. 29.

ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 27, no. 7, July 1956.
Table of contents translated:
Kulagin, S.M. - Epidemiology of Q fever. p. 3.

B 14a - b

Korolev, P. A., Kolotygina, A. P. - Clinical and epidemiological data on Q fever in Crimea. p. 10.
Zaitsev, A. A., Pokrovskaia, E. V. - Spreading of Q fever in Stavropol' Territory; preliminary report. p. 15.
Zeitlenok, N. A., Pille, E. R. - Detection of Q fever cases and viral reservoirs in Altai Territory. p. 17.
Khodukin, N. I., and others. - Experience in the preparation of vaccine against Q fever. p. 22.
Zubkova, R. I., Fedorova, N. I., Kalmykov, N. L. - Experience in mass vaccination against Q fever. Report no. I: Capacity of Q fever vaccine to produce reactivity and immunity. p. 24.
Kulagin, S. M., Sokolova, N. F., Fedorova, N. I. - Resistance of the Q fever pathogen to some physical and chemical agents. p. 28.
IAtsimirskaia-Krontovskaia, M. K., and others. - Possibility of prolonged carrying of Rickettsia prowazekii. p. 33.
Mirzoeva, N. M. - Excretion of Rickettsia in urine. p. 39.
Solov'ev, V. D. - Current problems in the epidemiology of poliomyelitis. p. 43.
Sergiev, P. G., Shamraeva, S. A. - Cultivation of measles virus in rotating test tubes using bovine amniotic fluid as a nutritive medium. p. 47.
Zalmanzon, E. S., Samvelova, S. A. - Incidence of psittacosis among people. p. 52.
Shliakhov, E. N., Savicheva, A. G., Khodorovskii, A. IA. - Varioloid in milkmaids in connection with smallpox in cows. p. 55.
Rodin, I. M., and others. - Commercial production of therapeutic hyperimmune horse serum against tick-borne and Japanese encephalitis. Report no. 2: Obtaining gammaglobulin from normal therapeutic antiencephalitic horse serum; author's abstract. p. 58.
Trushina-Tumanova, E. F. - Toxic characteristics of the pertussis microbe. Report no. 3: Whooping cough anatoxin; combined whooping cough vaccine. p. 59.
Marchenko, V. I. - Effective method for injecting whooping-cough vaccine; author's abstract. p. 64.
Selivanov, A. A. - Improved method for preparation of dry influenza diagnostica. p. 65.
Karpiushenko, N. P. - Characteristic and duration of immunity in influenza. p. 70.
Khomenko, N. A. - Methods for determining the preventive characteristics of serums. p. 74.
Vorob'ev, A. A., Bron, O. B., Rodiakina, V. IA. - Effectiveness of various programs for immunizing people with purified adsorbed tetanus anatoxin. p. 79.
Selivanov, A. V. - Immunization of guinea pigs through uninjured conjunctiva with NIIEG live brucellosis vaccine. p. 86.
Vashkov, V. I. - Tasks of scientific research work in the field of disinfection. p. 91.
Timakov, V. D., Skavronskaia, A. G. - Controlled changes in the properties of microorganisms; review of foreign literature. p. 96.
Potel'. - Friedrich Löffler Scientific Research Institute of Epizootiology on Rims Island. p. 101.
New magazine. p. 107.
Bibliography of Russian literature on problems in microbiology, immunology, communicable diseases and epidemiology for the fourth quarter of 1955. p. 107.
Foreign literature. p. 120.
In memory of Prof. G. M. Vaindrakh; 1887-1955. p. 125.

b) GYNECOLOGY, OBSTETRICS & PEDIATRICS

AKUSHERSTVO I GINEKOLOGIIA [OBSTETRICS AND GYNECOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 32, no. 3, May-June 1956.

Table of contents translated:

Shuptk, P. L. - Present state of psychoprophylactic preparation for labor and problem of further popu- ethod in obstetric institutions

v and practice of the
ll.
ylactic prep-

Preisman, A. B., Esenova, Ogul'bostan. - Some characteristics of psychoprophylactic preparation for labor in Turkmenistan. p. 66.
Anokhin, P. K. - Physiological mechanisms of pain reactions. p. 70.
Resolution of an All-Union conference on the wider application of psychoprophylactic preparation for labor. p. 80.
Konstantinov, V. I. - "Textbook of obstetrics." I. F. Zhordania. p. 91.
Kushnirskaia, E. S. - Remarks on S. N. Davydov's article "Effective choice of uterine incisions on the basis of the vascular system." p. 94.

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 39, no. 3, May-June 1956.

Table of contents translated:

Bor, Imrikh. - Results of surgical treatment of patent ductus arteriosus. p. 3.
Shirvindt, B. G., Dobkina, M. S. - Immunological changes in dysentery in children. p. 12.
Ovsievskaia, I. V. - Immunologic reaction to dysentery peculiar to various age groups. p. 20.
Birger, O. G., Guseva, A. D. - Variation in the sensitivity of dysentery bacteria to synthomycin during a number of years. p. 25.
Maiberg, I. M. - Early exacerbation and relapses of intestinal disorders in dysentery. p. 28.
Plotnikov, G. E. - Clinical aspects and diagnosis of dysentery in children during their first three months of life. p. 33.
Krylova, Z. A., Troflmova, A. V. - Transition of acute dysentery into a chronic form in children. p. 37.
Liubetskaia, M. Z., Grinevich, A. G., Zlatkovskaia, D. A. - Opsonocytophagic reaction in bacillary dysentery in children. p. 39.
Khitrova, L. M. - Biomycin treatment for chronic dysentery in children. p. 41.
Pichugina, N. P. - Synthomycin emulsion in the hygiene subjects excreting dysentery bacteria. p. 44.
Andzhelov, B. O. - Bacterial dysentery and dyspepsia in infancy. p. 46.
Gol'dberg, F. R. - Absolute hemianopsia and hemiparesis in an 11-year old boy suffering from diabetes. p. 47.
Merisalov, E. N., Savicheva, L. A., Travina, L. P. - Carrying of dysentery bacteria by healthy children in a kindergarten; author's abstract. p. 48.
Gundobina, T. K. - Antibiotic treatment for diseases in children caused by yeastlike fungi. p. 49.
Arievich, A. M., Kukoleva, L. I. - Fungous intertrigo in a child following external application of synthomycin. p. 53.
Zaitseva, G. I., Bystrova, V. V., Neliubina, G. A. - Visceral candidomycosis in children. p. 56.
Romanova, N. G. - Candidomycosis in antibiotic therapy. p. 63.
Zakharov, N. V. - Basic questions of penicillin therapy of septicemia in children. p. 66.
Neplotnik, IA. F. - Capillary permeability in intracranial birth injuries and asphyxia in the newborn. p. 70.
Kurilova, E. F. - Work of the assistance council in nursery schools in Kemerovo. p. 75.
Morozov, A. I. - Side reactions in antibiotic therapy. p. 77.
Kopytina, E. I. - Generalized candidomycosis in a 9-month-old child caused by antibiotics. p. 78.
IAmpol'skaia, E. I. - Bullous exfoliative dermatitis in a 2 1/2-year-old child caused by antibiotics. p. 80.
Andreev, A. I. - Development of cerebral rheumatism in a 7-year-old-child. p. 83.
Volovich, N. I., Zlatopol'skaia, R. D., Romashko, IU. V. - Effectiveness of intranasal revaccination against diphtheria. p. 85.
Bogomolova, F. A. - Capillaroscopy of children in dysentery. p. 85.
Barabol, T. A. - Oxidation-reduction processes in the intestines of young children in gastrointestinal diseases. p. 86.
IAsnaia, L. V. - Clinical aspects of rheumatism in preschool children. p. 87.
Gorshkova, A. A. - Synthomycin therapy for dysentery in young children. p. 88.
Dats-Epshtein, M. S. - Role of colds in the etiology of digestive disturbances in children. p. 88.
Budagova, G. G. - Role of Lamblia intestinalis in bacil- ry. p. 89.
, Vakhrusheva, Z. N. - Clinical and l analysis of dysentery in children olated atypical dysentery bacilli were 89.
Smirnov, G. N., Patushinskaia, a on the epidemiology of dysentery en, in women recently confined, p. 89.
veness of streptomycin in a com- treating toxic forms of dysentery ia in young children. p. 90.
ol'din, N. M., Broer, B. A. - How ren be confined to bed during an heumatism. p. 90.
minal syndrome in rheumatism in

Khamidulina, A. Kh. - Vitamin $B_{12}$ in the treatment of acute and chronic digestive disturbances. p. 90.
Faerman, N. N. - Comparative rating of the effectiveness of modern methods of treating acute dysentery. p. 91.
Sleptsov, A. - Review of I. V. TSimbler's "Tuberculosis in children." p. 92.
Davydov, V. P. - Review of I. A. Shtern's "Infectious toxemia in the newborn." p. 93.

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 1, no. 1, Jan-Feb. 1956.

Table of contents translated:

Grigor'eva, N. N. - More attention to preserving the health of mothers and children. p. 3.
Pratusevich, R. M. - Course of acute poliomyelitis. p. 10.
Stepanov, F. N., Koniakhina, V. N., IAkunin, IU. A. - Clinical aspects of nervous disturbances in poliomyelitis. p. 14.
Fofanova, L. G. - Clinical features of somatic changes in poliomyelitis. p. 20.
IAkunin, IU. A., Ivanov, N. R. - Clinical aspects of an abortive course of poliomyelitis. p. 25.
Frantsuzova, Z. M. - Conditioned and unconditioned responses in poliomyelitis. p. 30.
Leiman, N. P., Strakhova, L. M., Denisenko, E. V. - Prevention of poliomyelitis with nonspecific immunization methods and their comparative effectiveness. p. 33.
Nazarova, E. M., and others. - Use of amino acids in the treatment of acute poliomyelitis. p. 37.
Goncharova, M. N., and others. - Treatment of children with aftereffects of poliomyelitis. p. 43.
Kryshova, N. A., Pratusevich, R. M. - Work of the diagnostic department in the poliomyelitis hospital. p. 52.
Sheidina, R. B., Kliachko, N. S. - Course of serous meningitis caused by the mumps virus and without clinical symptoms of parotitis. p. 56.
Ibragimova, R. M. - Early diagnosis of tuberculous meningitis in infants under one year of age. p. 61.
Volova, N. A., Vagina, E. G. - Analysis of the causes of late hospitalization of children with tuberculous meningitis. p. 66.
Kosoi, I. M., Kalinina, IU. P. - Obstetrical and gynecological service for the population of Stupino. p. 71.
Zakharova, E. P. - Control of poliomyelitis through consolidated clinics and hospitals. p. 76.
Futer, D. S., Zakharova, N. I., Tal'pis, L. F. - Encephalomyelitis with bulbar disturbances. Tracheotomy. Recovery. p. 78.
Martynkina-Shitskova, V. V., Mitrofanova, G. P. - Alkaptonuria in an eight-year-old child. p. 80.
Mironovich, V. K. - "Pneumonia in infancy." IU. F. Dombrovskaia. p. 89.
Shirvindt, B. G. - Report of an interinstitutional conference on infections in children. p. 90.

Vol. 1, no. 2, Mar.-Apr. 1956.

Table of contents translated:

Shirvindt, B. G. - Some problems in the control of dysentery in children. p. 3.
Muslov, M. S. - Important tasks in the reorganization of the prevention of dysentery. p. 10.
Davydov, V. P. - Role of Escherichia coli in the origin of gastrointestinal diseases in children of early age. p. 17.
Novgorodskaia, E. M., Nemzer, G. A. - Etiology of acute intestinal diseases in infants. p. 25.
Niunina, E. P. - Dysentery in newborns. p. 30.
Chernikova, A. P. - Genesis of secondary toxicoses during dysentery in infants. p. 34.
Gusarskaia, I. L. - Treatment of dysentery in children with eusynthomycin, a tasteless synthomycin. p. 40.
Levina, A. V. - Resistance of Shigella paradysenteriae and Escherichia coli to synthomycin. p. 43.
Vishnevetskaia, L. O. - Morphological changes in the central nervous system in various forms of dysentery in children. p. 46.
Nemzer, G. A., Loseva, A. G., Kuntsman, E. S. - Materials on clinical and microbiological characteristics of Salmonella infections in children. p. 51.
Lebedinskaia, T. A., Levina, A. V., Savel'eva, V. V. - Clinical peculiarities of staphylococcal infection originating during antibiotic treatment. p. 61.
Libov, A. L. - Staphylococcal infection as a manifestation of disease caused by drugs. p. 64.
Protoklitova, N. S., Minkina, V. A. - Dispensary treatment of convalescents following dysentery. p. 70.
Levintova, S. E. - Some problems in establishing a regimen in nurseries for children with chronic dysentery. p. 74.
Volt, E. B. - Case of candidomycosis in an eleven-day-old child. p. 77.
Vinokurenkova, A. I. - Two cases of simultaneous uterine and extrauterine pregnancy. p. 82.
Kallinikova, M. N., Lebedinskaia, T. A. - Dynamics of changes in the riboflavin (vitamin $B_2$) content of the blood of infants in intoxications of intestinal

origin, pneumonia, and certain other diseases. p. 84.
Davydov, V. P. - "Bacillary dysentery in children." A. L. Libov. p. 85.

Vol. 1, no. 3, May-June 1956.
Table of contents translated:
Tur, A. F. - For a further reduction in infant morbidity and mortality. p. 3.
Shtern, I. A., Koroleva, A. M. - Features of the development of hemolysis in newborn infants. p. 6.
Mirsagatova, R. S., Maiorova, B. I. - Transfusion of erythrocytes in isosensibilized newborn infants. p. 13.
Gafarova, G. K. - Some indexes of the effectiveness of the transfusion of whole plasma and glucose in caring for premature infants. p. 16.
Titov, A. I. - Primary loss of weight and some features of water exchange in newborn infants. p. 19.
Arshavskaia, E. I. - Vascular reactions in newborn infants as an indicator of their state of reactivity. p. 23.
Potanin, N. V. - Resistance of skin capillaries in newborn infants. p. 30.
Barabol, T. A. - Oxidation-reduction processes in the intestines of newborn infants. p. 33.
Zarianova, E. A. - Osmoregulatory function of kidneys in infants during their first year of life. p. 36.
Kisliakovskaia, V. G. - Nitrogen metabolism in infants during their first year of life as affected by the composition of food. p. 41.
Nebytova-Luk'ianchikova, M. N., Pushinkova, N. A. - Pathogenic therapy in exudative diathesis. p. 46.
Plonskaia, V. P. - Health of premature infants during their first three years of life. p. 53.
Deshchekina, M. F. - Late aftereffects of cerebral hemorrhage in newborn infants. p. 58.
Dril', A. A. - Protein concentrates in the nutrition of children suffering from anorexia. p. 63.
Vogulkina, T. E. - Using vitamin C in hypogalactia. p. 67.
Markov, A. IA. - Vitamin C and its fluctuations in parturient women under conditions prevailing in the Far North. p. 69.
Zakharova, E. S. - Lactation in mothers as affected by various pathologic conditions and the puerperal regimen. p. 74.
Rogovin, V. E. - Lactation mastitis, its pathogenesis, prophylaxis, and therapy. p. 77.
Malyshova, R. A., and others. - Importance of organized measures for reducing morbidity and mortality of newborn infants. p. 83.
Gorbatova, L. K. - Participation of the active members in the work of consolidated pediatric units. p. 90.
Sarno, S. A. - Characteristics of the course of injuries of the central nervous system during the postnatal period and their late results. p. 92.
Siniavskaia, O. A. - Efficient supplementary feeding of infants with donor's milk. p. 93.

Vol. 1, no. 4, July-Aug. 1956.
Table of contents translated:
Sukharova, M. E., and others. - Diphtheria index for 1955. p. 3.
Kazarin, V. S. - Clinical diagnosis and treatment of diphtheria of the eyes in children. p. 7.
Khrushcheva, V. A., Teitel'baum, F. M., Markova, A. A. - Serological diagnosis of diphtheria. p. 13.
Gantushina, E. Kh. - Present status of the control of scarlet fever. p. 17.
Eilnson, B. M. - "Scarlet fever heart" according to electrocardiographic data. p. 23.
Nisevich, N. I., Ismailova, M. Kh. - Condition of antitoxic immunity in scarlet fever patients treated with penicillin. p. 28.
Zelenetskaia, S. S. - Diagnostic significance of the Dick test and the precipitation reaction for obliterated scarlet fever cases. p. 32.
Fleksor, S. IA., Naumova, M. A. - Infectious hepatitis (Botkin's disease) in children. p. 38.
Makhtinger, A. I., and others. - Unconditioned secretion of the salivary glands in cases of infectious hepatitis (Botkin's disease). p. 44.
Braginskaia, V. P., Diadiunova, I. V. - Influence of the regimen on the course of whooping cough. p. 48.
Ozeretskovskaia, N. E., Chernikova, A. P. - Adrenaline metabolism in children ill with dysentery. p. 56.
Strotkina, M. G. - The training of pediatricians. p. 63.
TSeitlin, A. G. - Physical development of preschool children and children of school age. p. 68.
Pozniak, A. P. - New procedures in caring for children ill with dysentery. p. 75.
Gutner, I. I., Shubina, E. A. - Effectiveness of therapeutic measures in nurseries for children ill with chronic dysentery. p. 79.
Furmenko, I. P. - The care of children in seasonal collective farm nurseries. p. 81.
Libov, A. L. - System of preventitive measures against dysentery. p. 84.
Khristoforova, V. M. - A case of interstitial pregnancy with birth at term. p. 88.
Lagunova, T. P. - White blood picture and erythrocyte precipitation reaction in children ill with toxic diphtheria. p. 90.
Raines, I. I. - Prophylaxis and treatment of whooping cough with onion phytoncides. p. 90.
Bellaeva, E. D. - Exacerbations in dysentery in children. p. 91.
Timofeeva, G. A. - Treatment of acute dysentery in children by rectal administration of synthomycin (in suppositories). p. 92.
Eretnova, L. M. - Late results of synthomycin therapy for children contracting dysentery during infancy. p. 92.
Prokudina, T. A. - Two cases of myxedema in one family. p. 93.
Abstracts. p. 94.
Kilystova, I. P. - Review of E. A. Ginzburg's, D. V. Messel's "Physical therapy and physical prophylaxis of children's diseases." p. 95.

## c) NEUROLOGY & PSYCHIATRY

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 56, no. 7, 1956.
Table of contents translated:
Anokhin, P. K. - Physiological principles of the genesis of neurotic conditions. p. 521.
Dotsenko, S. N. - Obsessive states in neuroses. p. 531.
Vilenskii, B. S. - Local neurological disorders and modifications of the optic nerve in angioneurotic disorders (Quincke's edema). p. 536.
Sanamian, E. A. - Certain vegetative functions following gastric resection. p. 540.
Erokhina, L. G. - Pruritic paresthesia in focal lesions of the nervous system. p. 543.
Korotkov, L. A. - Galvanometric investigation of vegetative asymmetry. p. 548.
Soustina, I. A. - Significance of the dionine test as an index of vegetative asymmetry in organic lesions of the nervous system. p. 552.
Dimitrov, P. - Treatment of the manic phase of manic-depressive psychosis by lumbar novocaine blocks. p. 555.
Popov, E. A., Novzorova, T. A. - Results of using aminazine in psychiatric clinical practice. p. 559.
Korganova, A. N. - Aminazine therapy for adolescents at a psychiatric clinic; preliminary report. p. 567.
Ushakov, G. K., and others. - Arrest of psychomotor excitation with aminazine. p. 571.
Lukomskii, I. I., Pavlenkova, E. F. - Use of aminazine in the psychiatric clinic. p. 575.
Suria, N. S. - Scientific psychiatric literature with special reference to the "Zhurnal nevropatologii i psikhiatrii imeni S. S. Korsakova." p. 577.
Bassin, F. V. - Certain problems for discussion on the modern theory of localization of function. p. 579.
Vasil'ev, G. A. - Considerations on Penfield's hypothesis of the interrelations between the cerebral cortex and subcortex in the mechanism of memory. p. 587.
Morozov, V. M. - Progress in the treatment of mental diseases. p. 591.
Banshchikov, V. M. - Plenum of the administration of the All-Union Scientific Society of Neuropathologists and Psychiatrists. p. 600.

## d) OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 11, no. 1, 1956.
Table of contents translated:
Filatov, V. P., Linnik, L. F. - Experimental expulsive hemorrhage. p. 3.
Zats, L. B. - Bactericidal properties of coal which causes eye injuries in blast accidents in miners. p. 4.
Itatkson, L. IA. - X-ray detection of foreign bodies within the eye according to Professor M. M. Baltin's method (face upward). p. 8.
Samsonova, T. I. - Visual functions in patients with late aftereffects from brain and skull injuries. p. 11.
Panova, V. A., Kokriatskaia, V. I. - Penetrating eye wounds. p. 14.
Fedchenko, F. I. - Some problems of eye injuries in Ichnya District, Chernigov Province for the past five years. p. 17.
Bykova, A. I. - Eye injuries in some groups of agricultural workers and its prevention. p. 21.
Vorob'ev, I. F. - Penicillin treatment for perforating wounds of the eyes, complicated by pyogenic infection. p. 24.
Dantsig, N. M., Zabalueva, A. P. - Prevention of photo-ophthalmia when using ultraviolet rays for lighting. p. 26.
Palics-Szanto, O. - Role of the Botian antigen in eye diseases. p. 29.
Dashevskii, A. I. - Anatomico-optical principle of studying eye refraction. p. 35.
Malinovskii, A. A. - Classification of the forms of spherical refraction. p. 42.
Sverdlov, D. G. - Contact lenses. p. 50.
Skorodinskaia, V. V. - Therapeutic transplantation of the cornea in relapsing pterygium. p. 52.
Gerasimenko, T. N. - Changes in the eyes in goiter. p. 55.
Alekseeva, V. G. - Age-dependent changes in the water content of the crystalline lens in bulls. p. 57.
Avgushevich, P. L. - Effect of sulfonamides on regeneration processes in the cornea. p. 58.
Mazina, V. O. - Syndrome of microphakia and spherophakia combined with brachydactylia. p. 59.
Bugaeva, I. V. - Ophthalmomyiasis. p. 59.
Barbel', I. E. - "Glass and stone splinters in the eye." M. B. Chatko. p. 60.
Kal'fa, S. F. - Advice to oculists in the country. p. 61.
Ershkovich, E. G. - List of subjects of dissertations in ophthalmology to be defended for the academic degree of Doctor or Candidate of Medical, Biological and Veterinary Sciences in 1954. p. 62.

VESTNIK OTO-RINO-LARINGOLOGII [REVIEW OF OTORHINOLARINGOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 18, no. 4, July-Aug. 1956.
Table of contents translated:
Role of Soviet otolaryngology in the sixth five-year plan. p. 3.
Levenfish, Henrikh. - Problem of preventing hearing disorders and deafness. p. 11.
Rutenburg, D. M. - Tympanoplasty as a method for improving hearing in chronic otitis media. p. 19.
Zbrozhek, V. R. - Mechanism of sound conduction in fenestration of the labyrinth. p. 26.
Komarovich, G. M. - Problem of diagnosis and therapy in labyrinthitis. p. 30.
Rozenfel'd, I. M. - Clinical evaluation of diseases of the inner ear according to their nomenclature. p. 37.
Frenkel', M. M. - Hearing disorders and vestibular function in hypertension. p. 44.
Starikov, G. M. - Surgical treatment of otogenous septicopyemia. p. 48.
Zberovskaia, N. V., IAkovleva, I. IA. - Conservative therapy of antritis and mastoiditis in children with subperiosteal abscesses. p. 52.
Tarasov, D. I. - Acute otitis media in newborn infants. p. 55.
Okulova, N. A. - Conditions of the ear and of the upper respiratory tract in syringobulbia. p. 59.
Stovbun, F. I., Gezunterman, P. I. - Etiology of otoantritis in dysentery in infants. p. 63.
Zasosov, R. A. - "Problems in clinical otorhinolaryngology"; collection of scientific works, dedicated to the 40th anniversary of the scientific, pedagogical, medical, and social activities of Professor B. S. Preobrazhenskii, active member of the Academy of Medical Sciences of the U. S. S. R. p. 66.
Supronov, V. K. - "Acute otitis and its complications." IA. S. Tomkin. p. 68.
Popova, L. M. - Tracheotomy and other measures in the treatment of respiratory disorders in acute poliomyelitis; review of foreign literature. p. 70.
Rips, S. L. - "Chronic progressive deafness including otosclerosis and other diseases of the middle ear" (Archives of otolaryngology 61, no. 2, 1955). Eugene L. Derlacki, Arthur L. Juers, George E. Shambaugh. p. 75.
Brailovskii, IA. Z. - Professor G. S. Trambitskii; on his 60th birthday. p. 81.
Lopatko, I. A., Romm, S. Z. - Scientific conference of the Leningrad Scientific Research Institute of Ear, Nose, Throat, and Speech Diseases on the problem of tonsils. p. 82.
Preobrazhenskii, IU. B. - Anniversary session of the Leningrad Scientific Research Institute of Ear, Nose, Throat, and Speech Diseases. p. 87.
Preobrazhenskii, B. S. - In memory of Professor V. N. Zak. p. 93.
Brief news. p. 95.

## e) PATHOLOGY & THERAPEUTICS

TERAPEVTICHESKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 28, no. 4, 1956.
Table of contents translated:
Dibner, R. D. - Functional state of coronary circulation in hypertension. p. 3.
Nikitin, V. P. - Functional characteristics of large vessels in hypertension. p. 10.
Galkin, V. A. - Bloodletting by venesection and leeches in hypertension. p. 16.
Bragina, N. N. - Vascular reflexes in hypertension. p. 23.
Zaslavskaia, R. M. - Vascular reactions in disorders of coronary blood circulation. p. 28.
Pokalov, G. M. - Botkin's cutaneocardiac reflex and variability of heart size. p. 36.
Guliaeva, F. E. - Changes in the rate of blood flow



412071 O - 57 - 6

under the influence of neurotropic substances. p. 41.
Levina, P. M. - Amount of circulating blood in cardiovascular and pulmonary diseases. p. 44.
Barkagan, Z. S. - Blood pressure and vascular tonus changes following bites of the blackwolf spider (Latrodectus tredecimguttatus). p. 45.
Dul'tsin, M. S., and others. - A clinical variant of osteomyelopoietic dysplasia. p. 51.
Kazanjapova, T. K. - Radiotherapy in chronic leucosis. p. 61.
Sivkov, I. I. - Diagnosis of gastric cancer. p. 68.
Gefter, L. I., Morozova, M. G. - Obliterating phlebitis of the hepatic veins and its diagnosis in the living organism. p. 73.
Baranov, V. I., Riapolova, M. D. - A case of general interstitial calcinosis. p. 77.
Ivanova, M. G., Shul'ga, IU. D. - Periarteritis nodosa. p. 80.
Proceedings of the Moscow Society of Therapeutists. p. 84.
Proceedings of the S. P. Botkin Society of Therapeutists in Leningrad. p. 90.

VOPROSY KURORTOLOGII, FIZIOTERAPII LECHEBNOI FIZICHESKOI KUL'TURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND THERAPEUTIC PHYSICAL CULTURE]. Moscow, vol. 21, no. 1, Jan.-Mar. 1956.

Table of contents translated:

From the editors. p. 3.
Mirzoian, S. A., Dovlatian, S. V. - Effect of Dzhermuk mineral waters on the secretion and chemistry of bile. p. 7.
Boksha, V. G. - Studying the physiological functions of the body in climatotherapy for tuberculosis on the southern shores of the Crimea. p. 13.
Badyl'kes, S. O. - Treating ulcers by health-resort factors outside a sanatorium. p. 18.
Berezovskaia, B. M. - Mechanism of action of oxygen baths in hypertensives. p. 26.
Nevraeva, A. S. - Treating hypertension with inhalations of a hydrogen sulfide solution. p. 29.
Andriasian, G. K. - Treatment and prevention of superficial dermatomycoses in the Sochi-Matsesta health resort. p. 39.
Vinogradov, N. A. - Mechanism of the skin reaction in electrophoresis of histamine. p. 44.
Vilenskii, D. N. - Physical culture therapy in diseases of the peripheral vessels of the type of thromboangiitis obliterans. p. 51.
IAnkelevich, E. I. - Physical culture methods for children with rheumatic diseases. p. 55.
Verte, A. I. - Prospects of obtaining mineral waters in the Estonian S. S. R. p. 60.
Speranskii, A. P. - Health education work in a sanatorium as an element of group psychotherapy. p. 63.
Vasil'ev, K. G. - On the history of the Rigas Jurmala health resort. p. 67.
Shchupak, B. N. - Sun baths on the Chukchi Peninsula. p. 69.
Khabakhbashev, G. A. - Using local health-resort resources in the Krasnodar Territory. p. 70.
Kalitovskii, E. F. - Admirable initiative in the development of the sanatorium and health-resort system in White Russia. p. 71.
Congress of balneologists in the Polish People's Republic. p. 74.
Lepskii, S. S. - "Physiotherapy and physioprophylaxis of children's diseases." E. IA. Ginzburg, D. V. Messel'. p. 76.
Magazanik, S. S., and others. - "Use of physical factors and physical exercise therapy in the compound treatment and prevention of some diseases." A. N. Obrosov. p. 80.
Nevraev, G. A. - Health resorts, sanatoria and rest homes in the Ukrainian S. S. R.; a bibliographical index. p. 82.
Nevraev, G. A. - "Mineral waters in the U. S. S. R.," [illegible] try of the Food Industry of the

of acute local suppurative
es of the skin and the cel-
igh frequency electric

Vol. 21, no. 2, Apr.-June 1956.

Table of contents translated:

Speranskii, A. P. - Physio- and balneotherapy of poliomyelitis and its aftereffects. p. 3.
Freidin, Kh. M. - Principles of resort therapy for patients with aftereffects of epidemic poliomyelitis. p. 14.
Popov, P. G., Samoilovich, F. A. - Classification of environmental factors and the mechanism of their effect on man; criticism of P. G. Mezernitskii's system. p. 21.
Il'icheva, E. M., Shvareva, IU. N. - Use of gradient observations for the examination of the surface air in the beach zone of a resort. p. 27.
Chubinskii, S. M. - Translucency of sea water to ultraviolet rays and their biological effect through sea water. p. 30.
Budchanov, I. A., Dudchenko, M. A. - Effect of weak mineral waters of "Naftusia" spring no. 2 at the Truskavets resort on diuresis and calcium, chloride, and nitrogen excretion. p. 32.
Fisher, L. I. - Effect of ultrahigh-frequency therapy on the functional state of the nervous system in hypertension. p. 35.
Aronova, S. B. - Peculiarities of chronaximetric indicators in the treatment of traumatic contractions by physical method. p. 42.
Klimenko, M. M., and others. - Reflected symptoms as observed in patients with lumbosacral radiculitis during therapy at the Piatigorsk resort. p. 49.
El'nik, V. I. - Ionophoresis and electrophoresis in the treatment of pulmonary tuberculosis. p. 53.
Bazhanov, B. G. - Effect of exercise therapy on patients with diabetes mellitus. p. 57.
Sovetov, V. N. - Organization of physical therapy in the village. p. 60.
Oborin, N. A. - First study of Shklo mineral springs near Lvov by Wojciech Oczko in 1579. p. 64.
Broderzon, B. M. - "Physical therapy in cardiovascular diseases." V. I. Ivanov. p. 67.
Kanarotkin, K. F., Kunichev, L. A. - "Sochi, the all-Union health resort." M. M. Shikhova. p. 70.
Samsonov, M. A., Speranskii, A. P. - "Treatment methods for patients at the Latvian resorts of Kemeri and Baldone." p. 72.
Wiedau, E. - Indications for ultrasonic therapy [in German]. p. 73.
Kukovka, A. - Balneology and balneohygiene [in German]. p. 77.
Kvitko, N. N. - Study in changes of the human skin's optical properties (albedo) during the action of some physiotherapeutic agents. p. 79.
Novikova, T. V. - Disinfection of air in the hospital for infectious diseases by ultraviolet rays. p. 80.
Joint session of the clinical medicine and medical biology sections of the Academy of Medical Sciences of the U. S. S. R., the Central Administration of Resorts and Sanatoriums, Ministry of Health of the U. S. S. R., and the Central Institute of Resort Therapy. p. 83.
Conference on cardiology in Kislovodsk. p. 88.
In the Physical Therapy Society of Moscow. p. 90.
Work of the White Russian Society of Physiotherapeutists and Health Resort Specialists in 1955. p. 91.
Ten-day conference of the physicians of balneological and fangotherapeutic sanatoriums. p. 92.
Anniversary of Professor L. A. Oganesian. p. 94.

(DAFM)

VOPROSY PATOLOGII SERDECHNO-SOSUDISTOI SISTEMY; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [PROBLEMS OF PATHOLOGY OF THE CARDIOVASCULAR SYSTEM; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature], Moscow, vol. 5, no. 5(29), 1956.

## f) PHARMACY & MATERIA MEDICA

APTECHNOE DELO [PHARMACY]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 5, no. 4, July-Aug. 1956.

Table of contents translated:

Kislov, M. S. - State of the system of supplying people and therapeutic and preventive institutions of the R. S. F. S. R. with drugs and methods for its improve- p. 3.

Scientific research in the field of drug p. 11.
h., Dashevskaia, B. I. - New compounds ry bases consisting of stearic esters.

, Kislaia, M. D. - Quantitative deter- synthomycin and levomycetin in prepara- idicinal compounds. p. 19.
.IA. - Alkaloids of the club mosses.

., Prozorovskii, A. S. - Quantitative n of alkaloids in the leaves of Himala. p. 25.

Litvinenko, M. N. - Preparation of specialists in the organization of pharmacy. p. 30.
Tatarenko, A. A. - Industrial practice in pharmaceutical chemistry at the Tashkent Pharmaceutical Institute. p. 32.
Mikhailova, G. S. - Some problems in the organization of industrial practice in the technology of drugs. p. 34.
Ragimov, A. M. - Make sure that the work of pharmaceutical inspectors is productive. p. 36.
Khodasevich, A. P. - Fourth group in the project of advanced training for forensic chemists at the Moscow Pharmaceutical Institute. p. 37.
Vishnevskii, A. S. - Improve qualifications of the leading personnel of pharmaceutical institutions. p. 38.
IAvorskii, N. P. - New color reaction to antipyrine. p. 40.
Pechenyi, M. I. - Quantitative determination of bigumal. p. 41.
Onitsov, P. I. - Times for collecting hellebore. p. 42.
Medvedovskii, A. A. - Quantitative determination of corrosive sublimate and sodium chloride when present simultaneously. p. 44.
Shub, M. E., Kobzarova, N. A. - Method for the volumetric determination of analgin. p. 48.
Gurvich, Z. G. - Increase the role of pharmaceutical clubs connected with pharmacies. p. 50.
In the Leningrad Scientific Pharmaceutical Society. p. 51.
Professor A. I. Porinov's commemorative anniversary. p. 52.
Letter from Peiping. p. 53.
Pharmaceutical periodicals of the All-Chinese Scientific Pharmaceutical Society. p. 53.
International Pharmaceutical Federation. p. 57.
Noninska, L. A. "Pharmacy"; a periodical [in Bulgarian]. p. 59.
Senov, P. L. - "Scientific bulletin"; a quarterly scientific bulletin of the Poznan State Scientific Research Institute of Medicinal Plants [in Polish]. p. 60.
Shakh, TS. I., Rapaport, L. I., Zdrokhovich, I. I. - "Materials on the analysis of concentrates and medicinal compounds"; published by the Central Analytical Control Laboratory of the Moscow city branch of the Main Pharmaceutical Administration of the Ministry of Public Health of the R. S. F. S. R. p. 63.

FARMAKOLOGIIA I TOKSIKOLOGIIA [PHARMACOLOGY AND TOXICOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 19, no. 3, May-June 1956.

Table of contents translated:

Kharkevich, D. A. - The effect of ganglioplegics on the functional mobility of the superior cervical ganglion. p. 3.
Denisenko, P. P. - Ganglionolytic and hypotensive properties of 1, 6-hexamethylene-bis (trimethylammonium) iodide or hexonium. p. 9.
Mukhin, E. A. - The effect of dihydrospherophysin on the cardiovascular system and on the autonomic ganglia. p. 16.
Krylov, S. S. - Changes in the cholinolytic properties of spasmolytin induced by the introduction of hydroxyl into the acid part of its molecule. p. 21.
Mashkovskii, M. D., Abramova, P. N. - Pharmacological characteristics of isopromedol. p. 26.
Hsü Ping. - Effect of promedol on conditioned reflexes in mice. p. 33.
Kaverina, N. V., Milovidova, E. S. - Effect of Rauwolfia serpentina alkaloids on autonomic reflexes. p. 36.
Dozortseva, P. M. - Pharmacology of alkaloids of Delphinium elatum (elatin and eldelin). p. 42.
Serkova, M. P. - Experience in using elatin in mental clinics. p. 46.
Vysotskaia, N. B. - Pharmacological study of an alkaloid extracted from the roots of Anisodus luridus. p. 52.
Baryshnikov, I. I., Generalov, V. I., Mukhin, E. A. - The effect of ß-mercaptoethylamine (becaptan) on blood circulation and some functions of the central nervous system. p. 53.
Karpov, B. D. - Materials on the toxicology of methylchloracrylate. p. 60.
Govorov, N. P. - On V. P. Kalashnikov's article "Study of medicinal plants." p. 62.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 2, no. 1, Jan.-Feb. 1956.

Table of contents translated:

Vladimirov, G. E. - I. M. Sechenov's research on the respiratory function of blood; 50th anniversary of the death of Ivan Mikhailovich Sechenov. p. 3.
Merezhinskii, M. F., Taranovich, G. L., Taranovich, L. E. - Deposition and excretion of ascorbic acid in burns in guinea pigs which received different quantities of vitamin C. p. 12.
Gorodyskii, V. I., Veselaia, I. V., Rostovtseva, O. N. - Copper, zinc, cadmium, and nickel content of muscles and tumors. p. 17.
Fridiland, I. B. - Incorporation of S35-labeled

methionine into the proteins of different organs and tissues of healthy guinea pigs and guinea pigs with gaseous gangrene. p. 19.
Bernshtein, A. L. - Pyruvic acid and adrenaline content of blood in pain. p. 25.
Siver, P. IA., and others. - Distribution of $P^{32}$ - labeled Staphylococcus aureus in acute experimental sepsis in rabbits. p. 29.
Sukhenko, F. T., Priss, N. N. - Vitaminization of natural and dry blood plasma. p. 32.
Dmitriev, V. F. - Lysine content of proteins of the human brain. p. 40.
Kuzin, A. M., Tuslanovskii, A. A., Garzunova-Dal'skaia, G. A. - Correlations of protein fractions and their easily hydrolized carbohydrates in the liver of mice with transplanted hepatoma, in the tissue of the tumor, and in the liver of healthy mice. p. 42.
Vladimirova, E. A. - Effect of conditioned reflex excitation of the central nervous system on the adenosinetriphosphoric and adenosinediphosphoric acid content of the brain. p. 47.
Levdikova, G. A. - Preparation of crystalline pepsin. p. 53.
Sventsitskaia, M. B. - Change in the composition of sulfur-containing amino acids added to preserved blood and the effect of their addition on the duration of the preservation of blood. p. 54.
Chernikov, M. P. - Enzymatic activity of decomposition products of trypsin, chymotrypsin, and pepsin. p. 59.
Braun, A. D., Akhmeteli, T. A., Mirovich, N. I. - Creatinuria in women in childbirth. p. 64.
Firfarova, K. F. - Soluble proteins of the crystalline lens of the eye. p. 69.
Second International Conference on Lipids and the Third International Biochemical Congress. p. 73.

Vol. 2, no. 2, Mar-Apr. 1956.
Table of contents translated:
Strachitskii, K. I., TSeitlin, L. A. - Effect of chloral hydrate and medinal on oxidative phosphorylation in the crushed liver tissues of guinea pigs. p. 83.
Fokina, T. V. - Particularities in the change of hemoglobin in children during their first year of life. p. 89.
Kuzin, A. M., Romanova, I. N. - Comparative study of liver proteins and transplanted hepatoma. p. 96.
Kiverin, M. D., Mokeeva, Z. N., TSaregorodtsev, A. I. - Effect of magnesium anesthesia on the blycolysis of blood and the sugar content of blood and skin. p. 103.
Fomina, L. S. - Enzyme secreting processes in the intestines of newborn children. p. 109.
Azlavchik, A. V., Vasil'ov, T. V. - Use of methionine for the prevention of complications in the treatment with novarsenol. p. 115.
Apanasiuk, M. P. - Effect of various quantities of food in the body on the secretion of lipids with bile. p. 122.
Sadikova, N. V., Skvortsevich, V. A. - Radioactive products of the transformation of glycin-1-$C^{14}$ in the brain tissue of the rat. p. 128.
Manzon, S. M. - Labile phosphorus compounds of muscles during the application and removal of a tourniquet. p. 133.
IAkovlev, N. N. - Dynamics of labile phosphorus compounds in the brain during muscular activity of varying duration. p. 140.
Libinzon, R. E. - Composition and metabolism of phosphorus compounds in the bone marrow of normal rabbits. p. 150.

## g) PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Published by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U. S. S. R. and Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 21, no. 6, June 1956.
Table of contents translated:
Bushmich, R.G. - Intercostal neuralgia and its treatment. p. 3.
Kossiura, M.B. - Diagnosis and treatment of dysentery in children. p. 7.
Ermina, M.S. - Clinical aspects and treatment of tuberculosis of the female sexual organs. p. 11.
Kiriushchenkov, A.P. - Prevention and treatment of erosions of the cervix uteri. p. 16.
Tarnopol'skii, IA.I. - Role of intermediate medical personnel in the prevention of injuries in the petroleum industry. p. 21.
Kheifets, L.Z. - Prevention of injuries in the peat industry. p. 24.
Stepanenko, N.N., Sokolov, N.A. - Fiftieth anniversary of the death of Pierre Curie. p. 29.
Pegashev, A.P. - The feldsher health station in the prevention of accidents. p. 33.
Ivanov, V.I. - How I conduct sanitation and prevention work on a state farm on virgin lands. p. 34.
Voinarovskii, V.V. - Council of public health cooperation. p. 36.
Kabashov, V.N. - Work of a district sanitation and epidemiological station. p. 37.
Trakhtman, IA.N. - How to show health education filmstrips. p. 39.
Golovko, L.G. - Bobrov's apparatus in therapeutics. p. 42.
Lavrov, N.N. - Lecture method of teaching in medical schools. p. 48.
Kaplan, A.L. - Vesicular mole. 52.

GIGIENA I SANITARIIA [HYGIENE AND SANITATION] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 21, no. 7, July 1956.
Table of contents translated:
Nikolaeva, T.A. - Ways of improving sanitary and epidemiologic services in the R. S. F. S. R. p. 3.
Grigoruk, N.O. - Means of purifying phenol sewage. p. 8.
Lampert, F. F. - Hygienic rating of living conditions in apartments over boiler rooms. p. 14.
Zil'ber, D. A. - A dynamic method of determining the rate of moisture evaporation and the hygroscopic capacity of garment fabrics. p. 18.
Piskunova, V. G., and others. - Industrial hygiene in the production and use of benzanthron. p. 22.
Bykhovskaia, M. S., Babina, M. D. - Determination of lead, zinc, and thallium in the air by a spectrographic method. p. 26.
Tarasova, O. T. - Conditioning preschool children with cold water baths and its hygienic effectiveness. p. 30.
Bol'shakova, M. D. - P. M. Ivanovskii, 1885-1953. p. 34.
Belikhis, G. A., Rozova, N. D. - Some questions from the work practice of industrial sanitary laboratories in sanitary and epidemiologic stations. p. 38.
Deichman, E. I. - Working out a system of annual statistical cards in industrial dispensaries. p. 41.
Shtromberg, M. S. - Hygienic evaluation of working conditions and sanitary methods in the production urea-formaldehyde resins. p. 45.
Gotlib, E. V. - Evaluation of the effectiveness of protective metallized clothing in the electrolysis shop of an aluminum factory. p. 48.
Shagan, I. B. - A device for taking air samples in the respiration zone of industrial workers. p. 51.
Stremilna, S. M., Dobrushina, S. M. - Case of "vanillism." p. 52.
Kovnatskii, M. A. - Scientific session of the Leningrad Institute of Work Hygiene and Occupational Diseases. p. 53.
Kondrat'ev, V. G. - "Hygiene textbook." N. V. Vinogradov, V. G. Nadezhdin. p. 55.
From the editors. p. 58.
Aleksei Nikolaevich Sysin; obituary. p. 60.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 15, no. 6, June 1956.
Table of contents translated:
Turevskii, I.I. - Headaches. p. 3.
Chernenko, E.I. - Sleep and its therapeutic importance. p. 6.
Kopeliiser, I. Z. - What a nurse should know about the epileptic and hysterical attacks. p. 9.
Mikhailov, A. K. - What one should know about convulsions in epilepsy. p. 13.
Ushakov, G. K. - Role of medical auxiliary personnel in preventing excitation of psychiatric patients. p. 15.
Shoshin, B. G. - Care after sick with acute psychosis. p. 20.
Kartasheva, IU. I. - Role of the nurse in aiding patients with the obstructive hydrocyphalic attacks. p. 24.
Murav'eva, T. P. - Use of small doses of bromine in occupational therapy institutions. p. 26.
Pertsov, V. A. - Anastasiia Ivanovna Grinenko. p. 28.
Zavadskii, B. S. - "School children at the health station." I. M. Borutska. p. 29.

## h) SURGERY & DENTISTRY

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 32, no. 5, May 1956.
Table of contents translated:
Struchkov, V. I. - Indications and contraindications for radical surgery in chronic suppurative processes of the lung. p. 3.
Danilov, I. V., Fishman, L. G., Lein, B. N. - Result of treating thermal burns with synthomycin and biomycin. p. 9.
Didenko, IU. A. - Kidney function in burns. p. 12.
Pushkar', L. N. - Immunotherapy in burns. p. 17.
Viliavin, G. D. - Method of documenting burns according to their degree, localization, and extent. p. 20.
Popova, E. A. - Necrotic lesions of organs following angiospasms. p. 24.
Kushakovskii, O. S. - Modification of the absorbent action of the peritoneum in infectious processes following administration of antibiotics; experimental study. p. 27.
Bregadze, I. L. - Effect of repeated laparotomies on the resistance of the organism to abdominal infections. p. 31.
Ton Tkhat Tung, Khoang Su, Ngien Van Van. - Acute pancreatic edema caused by ascariasis. p. 35.
Gavrilov, F. M., Belokurov, A. I. - Treatment of cholecystitis. p. 47.
Dimitrov, St. - Treatment of acute cholecystitis. p. 49.
Kirilov, B. P., Kon, I. I. - Surgery for gravitation abscesses in tuberculous spondylitis. p. 53.
Illarionova, O. S. - Prevention of peritonitis with biomycin; experimental investigation. p. 59.
Matveev, B. A., Roginskii, G. I. - Late complications following antibiotic therapy of suppusative peritonitis. p. 63.
Andrienko, G. A. - Surgical treatment of ulcers induced with X-rays. p. 66.
Bachev, K. I. - Result of the treatment of burns at a rural hospital. p. 67.
Bundikov, V. V. - Role of penicillin in compound therapy for acute perforative peritonitis. p. 68.
Spektor, V. A. - Peritonitis consecutive to a stab wound of the buttocks penetrating into the abdominal cavity. p. 69.
Makhachev, M. G. - Surgery in tuberculosis of the gastrointestinal system. p. 70.
Mironov, P. S. - Confinement of the liver dome in diaphragmal hernia. p. 74.
Shkol'nikov, L. G., Zagainov, N. I. - Umbilical vessels of cattle as a new suture material. p. 74.
Aleksandrovich, G. A., Rogozhina, I. I. - Complete circular tear of the ileum. p. 74.
Shafran, A. L. - Chronic invagination following gastroenterostomy. p. 75.
Galduk, P. Kh. - Anesthesia in operations on the penis. p. 76.
Popov, I. M. - Acute intestinal obstruction due to a cyst of the appendix. p. 76.
Gulaev, G. V. - Appendicitis in a case of total visceral inversion. p. 76.
Khromov, B. M. - Effect of anesthetics on radiation sickness. p. 76.
Fiftieth anniversary of the pedagogical and social activities of Prof. S. S. Girgolav. p. 82.
Geselevich, A. M. - Seventy-fifth anniversary of the Pirogov Surgical Society in Leningrad. p. 84.
Kruk, I. N. - "Closed wounds of the liver." G. F. Nikolaev. p. 87.
Brief news. p. 90.

STOMATOLOGIIA [STOMATOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 35, no. 3, May-June 1956.
Table of contents translated:
Nikitin, S. A., Tronova, O. S. - Materials on the comparative pathology of the jaws and teeth structure. p. 3.
Mal'ko, E. V. - Innervation of dental tissue. p. 8.
Rubin, L. R. - Differential diagnosis of pulpitis. p. 12.
Skolnikova, G. A. - Treatment of periodontitis with streptomycin and biomycin. p. 14.
IAras, I. I. - Classification of periodontitis. p. 16.
Vaisblat, S. N. - Orbital path of suborbital anesthesia. p. 17.
Neavizhskii, S. O. - Treatment of trigeminal neuralgia with intravenous bromine injections. p. 19.
Zausaev, V. I. - Soft palate plastic surgery with a

Sogolov, M. I. - Additional protuberances of human teeth of the type of tuberculum anomale Carabelli. p. 59.

Busygina, M. V. - Treatment of relapsing aphthous stomatitis with negatively ionized air. p. 60.

Organization of the all-Union, republic, territorial province, and city societies of stomatologists. p. 61.

Abramov, N. M. - Stomatological conference in Leningrad. p. 61.

### i) VENEREOLOGY & DERMATOLOGY

VESTNIK VENEROLOGII I DERMATOLOGII [REVIEW OF VENEREOLOGY AND DERMATOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 3, May-June, 1956.

Table of contents translated:

Determination of tasks in the scientific solution of problems in the field of dermatology and venereology. p. 3.

Litovchenko, O. V. - Clinical and cytological characteristics of peripheral lymph nodes in cutaneous tuberculosis. p. 8.

Kolokolova, N. V. - Liver function in pemphigus. p. 13.

Laptev, V. A., Vedrova, I. N. - Limited recurrent bullous eruptions in patients with pronounced porphyrinuria. p. 15.

Lipskaia, M. I. - Role of vitamin $B_1$ in the prevention of pyodermitis in bakery workers. p. 19.

Rozentul, M. A., and others. - Late results of treating syphilis with arsenic-free drugs. p. 22.

Brif', M. T., and others. - Problem of subarachnoid hemorrhages in syphilis. p. 27.

Khokhutkin, I. I. - Results of pyretotherapy in primary and secondary forms of syphilis. p. 32.

Reznikova, L. S. - On 50th anniversary of the Wassermann reaction. p. 33.

Karysheva, K. A. - Side effects during antibiotic therapy. p. 38.

Khoroshin, M. G. - Students of pioneers of Russian dermatology and venereology in the Ukraine. p. 41.

Sokolov, B. V. - Data on cutaneous microflora in workers of machine-tractor stations and collective farms. p. 46.

Kreimer, A. IA. - Hypnotherapy in certain skin diseases at a rural hospital. p. 47.

Guseinov, M. M., and others. - Clinical aspects of lichen ruber planus. p. 48.

Leites, F. L. - Periarteritis nodosa appearing during the treatment of syphilis. p. 49.

Shinskii, G. E. - Thymol test in syphilis. p. 50.

Nesterenko, G. B., Kogon, G. Kh., Leshchenko, N. V. - Successful treatment of acute arthropathic psoriasis. p. 52.

Il'ina, N. V. - Role of trauma in scleroderma and atrophic acrodermatosis. p. 52.

[illegible]eraidis, G. S., Rudiaga, D. D. - Skin receptory apparatus in patients with chronic atrophic acrodermatosis. p. 52.

Myskin, V. S. - Treatment of some skin diseases with nonaqueous penicillin ointments. p. 53.

Katsnel'son, R. A., Berezina, P. F. - Treatment of staphylococcal pyodermitis with anatoxin. p. 53.

Soboleva, T. L. - Case of cured acute pemphigus. p. 53.

Markin, I. IA. - Observations of eosinophilia in some forms of dermatosis. p. 54.

Raben, A. S., Belen'kii, G. B. - The so-called synovial skin diseases. p. 54.

Marchenko, L. O. - Antibiotic effect of Actinomyces on parasitic fungi of human skin and hair. p. 55.

T[illegible]ulmilshain, B. I. - Dynamics of dermatophytal [illegible] the Crimea. p. 55.

Testosterone propionate in the [illegible]ve phase of leproma. p. 55.

[illegible]ich, A. D. - Effect of interm the blatter on the course . p. 55.

[illegible]ects and treatment of 56.

[illegible]y of the exudates of syphi-

[illegible]ssue therapy in seroresist-

[illegible]seudopositive reactions.

[illegible]ce of the dry-drop method yphilis. p. 57.

[illegible]kii, B. T. - Treatment of h levomycetin. p. 58.

[illegible]n treatment for gonorrhea

## 15. AGRICULTURE

### a) GENERAL

AGROBIOLOGIIA [AGROBIOLOGY]. Organ of Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 3(99), May-June 1956.

Table of contents translated:

Shchelokova, Z. I., Chou Lin-k'ung. - Selectivity of fertilization in self-pollinated lines, hybrids, and varieties of corn. p. 3.

IAkovlev, P. N., Ostapenko, V. I. - Results of remote crossing of stone fruit in connection with the activity of oxidizing enzymes. p. 11.

IAnushkevich, S. I. - Results of polinating rye and wheat with a pollen mixture containing pollen of other grass species. p. 15.

Savchenko, N. A. - Increasing the vitality of common cabbage. p. 23.

Portianko, V. F. - Yarovization stage in corn. p. 28.

Dubrovina, V. A. - Results of investigating the photophase in some rice varieties. p. 31.

Omarov, D. S. - Nature of individual spring-type plants having undergone wintering for the first time. p. 35.

Fainbron, B. D. - Transformation of nonwintering spring wheat into winter-hardy winter wheat as a method for creating breeding material. p. 50.

Trukhinova, A. T. - Transformation of nonwintering spring barley into a wintering plant. p. 58.

Kozlova, A. F. - Experiment in transforming spring wheat into winter wheat. p. 65.

Maliuta, D. I. - Transformation of spring wheat into winter wheat. p. 69.

Lysenko, O. T. - Climatic conditions and nature of wintering forms developed from spring plants. p. 71.

Osipov, A. E. - Vegetative hybridization in the breeding of plants of the grass family. p. 78.

Rogash, A. R. - Vegatative hybridization in breeding fiber flax. p. 89.

Shakhov, A. A. - Michurin's principles of plant acclimatization as an ecologico-physiological problem p. 95.

Zhukovskii, A. V., and others. - Effect of organomineral mixtures on potatoes. p. 107.

Klimashevskii, E. L. - Effect of boron fertilizers and organomineral mixtures on corn yields. p. 108.

Efimov, I. T. - Growth and development of millet grown as an irrigated postharvest crop. p. 110.

Nesterov, IA. S. - Clonal variation in fruit trees. p. 112.

Pribavkina, R. A. - Formation of apple seedlings selected before fruiting. p. 114.

Buzover, F. IA. - Some problems concerning water exchange in the potato plant. p. 116.

Ivanchenko, E. A. - Effect of planting time on the formation of potato berries. p. 119.

Dudar', N. G. - Breeding potato seedlings for resistance to cold. p. 121.

Burnaeva, N. L. - Experiment in supplementary pollination of citrus plants. p. 124.

Kononkov, P. F. - Effect of the place of origin of seeds on the nature of the photophase in sorrel. p. 128.

Tsu Tei-ming. - Some problems in vegetative hybridization. p. 129.

Chikalov, P. M. - Importance of young shoots for obtaining high petal yields of oil-bearing rose. p. 130.

Sedov, E. N. - Increasing the viability of apple hybrids. p. 134.

Smirnov, B. M. - Dormancy in stoloniferous weeds. p. 137.

Akimochkin, G. N. - Experiment in growing spot-seeded shelterbelts. p. 139.

Pukhtinskii, IU. E. - Introducing shrubs in shelterbelts. p. 141.

Afanas'eva, L. A., Kolgushkina, T., Vobshchina, S. - Effect of sowing time on the quality of spring wheat seeds. p. 143.

Isaev, S. I. - Luther Burbank's life and work. p. 145.

Present, I. I. - Incompleteness and some inaccuracies in the publication of Michurin's works. p. 151.

Savzdarg, E. E. - Book on plant protection. p. 155.

Garbuzova, D. A. - Research on the biology of hops. p. 157.

I. Kh. - From the pages of foreign biological publications. p. 158.

Books sent to the editors for comments. p. 158.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie i sel'skokhoziaistvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Biological and Agricultural Sciences]. Erivan, vol. 9, no. 6, June 1956.

Table of contents translated:

Avakian, Sh. A., and others. - Transformation of nitrogenous and carbohydrate fractions in concentrated and coarse feeds during fermentation by yeasts. p. 3.

Afrikian, S. V., Kazarian, V. A. - Chemical composition of cultivated and wild species of Lotus grown in different zones of the Armenian S. S. R. p. 15.

Sulieva, E. I. - Characteristics of the pistachio forms grown in Oktemberyan District in the Armenian S. S. R. p. 25.

Narolian, A. K. - Characteristics of some cornelian-cherry dogwood forms of the Armenian S. S. R. [in Armenian with summary in Russian]. p. 33.

Shaginian, O. N. - Best strawberry varieties for the suburban lowlands near Erivan [in Armenian with summary in Russian]. p. 45.

Morikian, E. S. - Cultivation of prune in Ashtarak District in the Armenian S. S. R. [in Armenian with summary in Russian]. p. 55.

Gulkanian, V. O., Oganesian, S. G., Oganesian, A. A. - Susceptibility of wheat to fungus diseases as affected by nutrition. p. 59.

Karapetian, G. M. - Effect of the rectilinear motion of the planting unit on the spacing of potatoes in checkrow planting, using the SKG-4 potato planter. p. 77.

Zubietian, V. G. - Determining the economic effectiveness of mineral fertilizers given to wheat on the Mets Mazra Collective Farm in Dasargechar District. p. 91.

Melikian, G. M. - Hydraulic characteristics of automatic waterers. p. 101.

Karapetian, A. A. - Accelerating the union of stock and scion of the cotton plant with the aid of oxygen. p. 109.

(DA)

Vol. 9, no. 7, July 1956.

Table of contents translated:

Oganesian, A. B. - Dynamics of the accumulation of carotene in some species of brome grass. p. 3.

Marukian, S. M. - Some wild species of trees and shrubs first located in the Lake Sevan Basin. p. 15.

Darbinian, G. A. - Structure of flowering of annual plants with branching stems. p. 23.

Barseglan, S. G., Gevorkian, E. A., Nubarian, F. M. - Heterosis in tobacco due to intervarietal hybridization [in Armenian with summary in Russian]. p. 37.

Poliakov, M. P. - New technique for microtitration. p. 49.

Avakian, S. A. - New host plants for Bacillus mesentericus. p. 60.

Batikian, R. V. - Wildfire disease of tobacco in the Armenian S. S. R. p. 60.

Samvelian, R. M. - Residual effect of DDT and benzene hexachloride on mulberry leaves [in Armenian with summary in Russian]. p. 81.

Svadzhian, P. K. - Experimental infection of final hosts with the metacercariae of Dicrocoelium lanceatum Stiles et Hassal, 1896 (Trematoda, Dicrocoeliidae). p. 89.

Karamian, M. G. - Wool quality of hybrid sheep of Armenia. p. 95.

Mazmanian, M. A., Lalaian, A. A. - I. M. Sechenov's follower [in Armenian with summary in Russian]. p. 101.

Ovakimian, A. - New books [in Armenian]. p. 109.

(DA)

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia osvoeniia pustyn' [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Series on the Reclamation of Deserts]. Alma-Ata, no. 2, 1951.

Table of contents translated:

Paravian, A. V. - Tea cultivation in Kazakhstan. p. 3.

Chaban, P. S. - Natural stands of Indian hemp along the lower reaches of the Ili River. p. 33.

Borovskii, V. M. - Work results of the Kzyl-Orda Research Base of the Academy of Sciences of the Kazakh S. S. R. p. 47.

Lipaeva, L. I. - Some characteristics of the structure of plant vascular system in connection with their environment. p. 75.

Dubovik, IA. F. - Salt tolerance of vegetable crops in Bol'shoy Dzhezkazgan and methods for increasing it. p. 91.

Karpov, M. S. - Digestibility of cereal and varied-grass hay for camels. p. 102.

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 6, no. 6, June 1956.

Table of contents translated:

Chichasov, V. IA. - Economics of sprinkling vegetable crops. p. 3.

Chernyi, G. A. - Economic estimation of losses due to the inundation of croplands. p. 12.

Velichko, I. I. - Flexible pipes in irrigation. p. 19.

Khrenov, L. S. - Instruments for surveys in connection with irrigation and drainage. p. 24.

Kursin, S. A., Mikhailovskii, V. N. - Use of radioactive substances to measure the flow of a liquid. p. 33.

Peplov, E. E., Kokain, N. V. - Sluice gate with an air chamber. p. 37.

Nakhodkin, B. I. - Characteristic curve of a pump. p. 42.

Improving water utilization by collective farm sections. p. 46.

Melnalksnis, V. - New type of drain pipe. p. 49.

Tran Dan Xua. - Letter from the Vietnam Democratic Republic. p. 50.
Khokhlovkin D. M. - Artesian wells in agriculture in the United States. p. 54.
Petrov, G. N. - Remarks on a book on an important subject. p. 59.
In the Ministry of Agriculture of the U. S. S. R. p. 62.
S. P. Trombachev; obituary. p. 63.

Vol. 6, no. 7, July 1956.
Table of contents translated:
Protopopov, V.P., Gordienko, N.V. - Work practice relative to the transition to the new irrigation system in Kugart Valley of the Kirghis SSR. p. 3.
Bolarintsev, F.S. - Using highly productive irrigation methods in the Aleyskaya Steppe (Altai). p. 12.
Lastochkin, D.S. - Leveling of irrigated areas. p. 16.
Romanenko, A.M. - Lower the cost of draining swamps and swampy lands by subsurface drains. p. 23.
Smirnov, A.V., Tomin, E.D. - Hydromechanical methods in winning sapropels deposited in lakes. p. 29.
Osadchii, I.I. - Practice of efficiency promoters of the Stavropol Machine-Excavator Station. p. 37.
Zhimskii, A.A. - Damming the Syr Darya River. p. 41.
Tikhonov, I.F. - Porous concrete filters for dug wells. p. 46.
Somenido, V.I. - Checking calculations of unsteady motion in an open channel. p. 51.
Dunin-Barkovskii, L.V. - Development of irrigation and improvement of lands in the Near East countries. p. 53.
Bairaktarskii, Ivan - Changes in the efficiency of irrigation canals resulting from antiseepage measures. p. 60.
Ministry of Agriculture of the U.S.S.R. p. 63.

Vol. 6, no. 8 Aug. 1956.
Table of contents translated:
Petrov, K.M., Gubankov, N.I. - Don Main Irrigation Canal. p. 3.
Tarverdian, A.Kh. - Construction of hydraulic structures for the irrigation system of separate collective farms in the Armenian SSR. p. 11.
Sukhoruchkin, G.A. - Simple and economical joining of sectional pipelines. p. 17.
Pashchenko, B.V. - Using flexible concrete mats in mountain rivers of the Caucasus. p. 23.
Ruban, G.F. - Calculation of horizontal anisotropy of the soil when determining seepage flow under hydraulic structures. p. 33.
Savitskii, L.M. - Checking the execution of projects for irrigation, drainage and utilization of improved land. p. 41.
Mer, I.I. - Machinery for land improvement work. p. 44.
Mikheev, P.V., Molamut, D.L. - Damming of the Missouri channel by the hydraulic fill method. p. 50.
Gavrilko, V.M. - Construction of filters used for equipping wells in the United States. p. 59.
International Irrigation and Drainage Commission. p. 64.

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 35, no. 7, July 1956.
Table of contents translated:
Popov, IU. - We can be good neighbors. p. 2.
Novikova, T. - Over the Firth. p. 4.
In our kindergarten. p. 7.
Rakitnikov, A. - Poultry breeders. p. 9.
Through the Soviet country. p. 12.
Davydov, L. - Tractor plant on the banks of the Volga. p. 13.
Glorious path. p. 16.
Grachev, A. - Meeting; a story. p. 18.
Shaginian, Marietta. - Armenian art. p. 20.
Modestov, V. - Salubrious rays. p. 21.
Grintser, M. - Cabbage. p. 23.
Kazarian, Grant. - In our mountains; verse. p. 24.
Lebedev, P. - Hundreth anniversary of the Trot'iakov Gallery. p. 25.
Our friend. p. 26.
Sharoev, A. - Films of the Yugoslav people. p. 26.
Dobozi, Imre- Three times five liters; a story. p. 28.
Sokolova, T. - How to prevent summer diarrhea in children. p. 30.
Fashions. p. 31.
How to prepare food. p. 32.

ĶAZAĶSTANNYĬ AŬYL SHARŮASHYLYĠY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 9, Sept. 1956. [In Kazakh.]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 16, no. 5(180), May 1956.
Table of contents translated:
Editorial: Fulfill the tasks of the sixth five-year plan ahead of time. p. 1.
With the initiators of socialist competition. p. 3.
Sidelkin, N. - Monthly advance payments to collective farmers. p. 5.
Pshenichnyi, I., Dragomiretskii, A. - The economy of the collective farm is gaining strength. p. 6.
Doroshchenkov, G. - Labor resources are being misused. p. 7.
Ionkina, L., Khludenev, A. - Setting up work norms for weeding and harvesting. p. 9.
Korenchuk, P. - Building houses for the collective farmers. p. 11.
Measures for furthering the transition of collective and state farms for the use of hybrid seed materials. p. 12.
All-Union Conference of the Production of Hybrid Seed Corn. p. 13.
Salanov, A. - From work practice in growing hybrid seed corn. p. 13.
Dranenko, I. - Valuable forage crop. p. 15.
Antipov, A. - Corn fertilizing. p. 16.
Elagin, I. - Cultivation practices ensuring high buckwheat yields. p. 17.
Vasilevich, G. - Production of potatoes and vegetables has increased. p. 18.
Fedorenko, I., Shelenkov, V. - Irrigation of vegetable crops. p. 19.
Andreeva, E. - Pork production has tripled within a year. p. 21.
Kuzovatov, F. - Let's fulfill the five-year plan for meat production ahead of time. p. 22.
Vasil'eva, E., Kuz'mina, A. - How we strengthen the feed supply in animal husbandry. p. 23.
Kaidje, A. - Improving summer feeding of cattle. p. 24.
Khokhliuk, E. - Summer field shelters for dairy cattle. p. 26.
Gorlunov, N. - Mass fattening of water fowl. p. 28.
Pichugin, N. - New equipment for collective farm fields. p. 30.
Ermakov, A. - Electric fences. p. 33.
Shaidurov, V., Bondarenko, I. - Effectiveness of stage harvesting. p. 34.
Tabashnikov, V. - Accounting of production expenditures. p. 35.
Berezovskii, M. - Chemical weeding of fields. p. 38.
Stolchev, O. - Using herbicides on the collective farms of Chernigov Province. p. 39.
Egudin, I., Panevskii, N. - Work of a collective farm experiment station. p. 39.
Dzhilavian, Kh., Noskov, A. - Using antibiotics in poultry and livestock raising. p. 41.
Sdobnikov, S. - Sowing buffer strips for the retention of snow on the virgin lands of Kazakhstan. p. 42.
Lisiov, P. - Electrification of agriculture in Switzerland. p. 43.
Letters from collective farms. p. 45.
Any collective farm can be as successful. p. 47.

Vol. 16, no. 6(181), June 1956.
Table of contents translated:
Editorial: Let's gather in the crops in the shortest time and without losses. p. 1.
Lobanov, P. - For a successful fulfillment of the sixth five-year plan in agriculture. p. 2.
Doroshchenkov, G. - Socialist competition among friends. p. 5.
Annenko, M. - Let's fulfill the five-year plan in two years. p. 7.
Solov'ev, S. - Let's increase the output of agricultural products. p. 9.
Semenikhin, T., Ustiugov, G. - In the struggle for the fulfillment of the five-year plan of the collective farm. p. 11.
Lisenkov, A. - The new tillage system is being tried in the field. p. 12.
Panchenko, A. - Make faster and fuller use of disclosed capacities. p. 14.
Nechiporenko, N. - What the Kazakhstan scientists are working on. p. 15.
Alekseichik, N., Merlo, A. - New achievements in the mechanization of farm work. p. 16.
Ryzhov, S. - Tasks of the All-Union Institute of Cotton Growing in the sixth five-year plan. p. 18.
Pshenichnyi, P. - In cooperation with practice. p. 20.
Achievements of agricultural science in the peoples' democracies. p. 21.
Karpenko, M. - More on stage harvesting of grain crops. p. 23.
Shibakov, L. - Postharvest seeding of corn in the Kuban. p. 25.
Velizhanskii, IA. - Summer seeding of corn. p. 26.
Andreev, N. - Hay harvesting in the non-Chernozem zone. p. 27.
Zafren, S. - Surface ensilage of feed. p. 29.
Oparin, P. - Surface ensilage of wild grasses. p. 30.
Konovalov, A. - Surface ensilage of clover. p. 31.
Taran, G., Zhuchkov, A. - Important means for increasing the production of pork. p. 32.
Chugunkov, IA. - Successes of the "Novaia Zhizn'" Collective Farm cattle breeders. p. 33.
Smirnov, A. - Herdsman M. D. Korniushin. p. 34.
Malakhov, I. - New feeders for swine. p. 35.
Voropaev, G., Rogozheva, M. - Mechanizing the harvesting of pulse crops. p. 36.
Koval'chuk, I. - Let's put to use local building materials. p. 37.
Borisov, V. - Plans of houses for collective farmers. p. 37.
Summer winning of peat for manure. p. 38.
Changes in the collective farm accounting. p. 40.
Self-feeding of silage. p. 45.
Silage should consist of one component only. p. 45.
Letters from collective farms. p. 46.
Vasil'ev, M. - "What we saw in England." p. 47.

Vol. 16, no. 7(182), July 1956.
Table of contents translated:
Improve the collective farm economy in every way possible. p. 1.
Shako, M. - Collective farmers review the statutes. p. 2.
Zhelvakov, V. - Machine-tractor station organizes production. p. 5.
Sametskii, P. - Managing the collective farm economically and prudently. p. 6.
Sidel'nikov, I. - Let's make use of economic indexes in practical work. p. 7.
Babenko, B., Mel'nik, M. - The industry of collective farmers is the basis of our successes. p. 8.
Prokof'eva, P. - The young generation. p. 10.
Lepilov, P. - Composite crews on collective farms. p. 12.
Malyshkin, M., Smirnov, N. - Agrochemical soil map and its use. p. 16.
Kalashnikov, P. - Work practices in growing spring wheat. p. 18.
IAkushev, E. - A district seed-growing farm. p. 19.
Skvortsov, S. - Removing corn panicles on hybridization plots. p. 21.
Saburov, N. - Simple methods for processing vegetables and fruit on collective farms. p. 24.
Shustrov, V. - Drying potatoes, vegetables, and fruit. p. 25.
Kalinichenko, I. - How we are going to develop dairy husbandry in the sixth five-year plan. p. 27.
Skiba, T. - Year-round fattening of swine. p. 30.
Gerchikov, N. - Effective method for raising the fat content of milk. p. 32.
Vasil'ev, S. - Raising Kalinino dual-purpose sheep. p. 33.
Belozertsev, A. - Mechanizing the cleaning of grain and the gathering of straw. p. 34.
Muromskii, A. - Lime-slag blocks. p. 36.
Recording workdays. p. 37.
Orlov, P. - Recording expenditures for the maintenance of day nurseries. p. 39.
Keeping records on the working capital of the collective farm. p. 39.
Alma, V. - Range-base for keeping sheep. p. 40.
Prosniakova, G. - Controlling soil erosion. p. 42.
Achievements of agricultural science in the Rumanian People's Republic. p. 44.
Mechanization of work in swine breeding. p. 45.
Letters from collective farms. p. 46.
Standard projects of two- and four-room houses for rural sites. Insert.

LENINGRAD, INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA, Sbornik nauchnykh rabot [INSTITUTE OF MECHANIZATION OF AGRICULTURE, Collected Scientific Works], Vol 9, 1953.
Table of contents translated:
For new achievements in the mechanization and electrification of agriculture. p. 3.
Letoshnev, M.N. - Use of rotating horizontal cylindrical surfaces in cleaning and sorting grain (conclusion). p. 5.
Kazartsev, V.I. - Testing the wearing quality of facings used in repairing truck-tractor parts. p. 32.
Abramov, G.A. - Effective methods of preparing surfaces for electric metal spraying in automobile and tractor repair. p. 55.
Mishin, I.A. - Studying tension unions of special parts. p. 71.
TSyrin, A.A. - Subassembly method in tractor repair work. p. 94.
Kompaneets, V.IA. - Experimental determination of the viscosity of gases and gas mixtures at high temperatures. p. 113.
Zhdanovskii, N.S. - Brakeless testing and characteristics of automobile and tractor carburetor engines when not coupled to a brake. p. 127.
Podd'iakov, N.V. - Determining dimensions of atomized fuel drops. p. 146.
Dolitskii, I.I. - Effect of the rarefaction of exhaust gases on the performance of self-ignition engines. p. 156.
Gorbunov, M.S. - Studying differentials for high-efficiency machines. p. 170.
Iofinov, S.A. - Lost motion on turns and the coefficient of working runs in harvesting with tractor-drawn combines. p. 196.
Kagan, B.G. - Basic parameters of trucks used in agriculture. p. 203.
Gessen, V.IU. - Capacitive power take-off from electric transmission lines and possibilities for using this system to supply agricultural loads. p. 219.
Nacharian, S.A. - Problems of dynamic stability in small water-power systems. p. 230.
Gessen, V.IU., and others. - Parallel operation of small water-power stations and stations connected to powerful electric systems. p. 249.
Vinogradov, A.I. - Selecting the number of phases of winding for generating sinusoidal rotating magnetic fields. p. 267.
Glazenko, T.A. - Transient and steady-state processes in electric drives with magnetic particle clutches operating under viscous friction. p. 273.

MASHINNO-TRAKTORNAIA STANTSIIA [MACHINE-TRACTOR STATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 16, no. 5, May 1956.
Table of contents translated:
Give daily and unremitting attention to the procurement of farm products. p. 1.
Sokur, A., Sporanskii, V. - Fulfillment of the five-year plan in two years. p. 4.

Bushnev, IA. - Continuously increase the role of specialists. p. 7.
Runova, L., Arons, I. - On drained lands. p. 11.
Salikhov, V. - Educational work among machine operators. p. 15.
Zarubin, M. - Increase the daily output of tractors. p. 18.
Popov, S. - For complete mechanization in hay harvesting. p. 20.
Sumskoi, A. - Leading tractor group. p. 21.
Belozertsev, A. - Cost of combine harvesting. p. 22.
Stepanov, S., Leskov, IU. - Conditions are the same but results vary. p. 25.
Kalinovskii, A. - Safety measures in operating tractor-driven machinery. p. 26.
Galashek, A., Reisler, IU. - Experience in using SRM-6 planters for checkrow and hill check planting of vegetable seedlings. p. 29.
Anikin, I. - SON-2,8 drill used for checkrowing vegetables. p. 30.
Pospelov, A. - Placement of liquid fertilizers for corn and vegetables. p. 32.
Liubchenko, G. - Causes of the overconsumption of crankcase oil. p. 34.
Tarasov, A. - Applying brakes to the driving wheels of trucks during a skid. p. 35.
Luchkevich, S. - Mechanized livestock farms. p. 36.
Kostchenko, IU. - Reaction centrifuge for purifying lubricating oil in D-54 engines. p. 39.
Vlasov, I. - KRN-4,2 cultivator and fertilizer spreader. p. 41.
Abramichev, A. - In a progressive workshop. p. 43.
Kisel', V. - Stands for the winter storage of machinery. p. 43.
Nikitin, I. - An important part. p. 43.
Gelnrikh, G. - Repairing brake-bend anchor pins. p. 43.
IAroyel, A. - Letters from friends. p. 44.
News from machine-tractor stations. p. 47.

Vol. 16, no.7, July 1956.
Table of contents translated:
Harvest rapidly and without losses on virgin and waste lands. p. 1.
Andrienko, L., Beka, A. - Highly esteemed right won by work. p. 4.
Chamara, N. - My work practice with the pull-type combine. p. 7.
Kandibor, A. - Working around the clock during the grain harvest. p. 9.
Shkurlatov, S. - Tractor operator Ivan Piskarev. p. 13.
Mal'tsev, K. - Work organization and management in a tractor group. p. 14.
Tryndin, I. - Ways of reducing losses in harvesting. p. 18.
Demin, G., Speranskii, V. - Pay more attention to the procurement of farm products. p. 20.
Enlukov, A., Kozenkov, N. - Machine-tractor station engineer and land organizer. p. 22.
Kuznetsov, N. - Harvesting corn with grain combines in Krasnodar Territory. p. 24.
Kubrak, N. - Operating ensilage harvesters in the Zaobskaya Machine-Tractor Station. p. 26.
Papeta, V., Ocheretinnyi, A. - New method for removing straw from the field. p. 27.
Isaev, P., Bychkov, S. - Harvesting peas with self-propelled combines. p. 29.
Borshchov, T. - Clearing fields of rocks. p. 31.
Kapitanenko, N. - Pay more attention to stubble crops. p. 33.
Starova, A. - In the area served by the Põltsamaa Machine-Tractor Station. p. 34.
Kuchinskii, A. - Sharpening disks of surface plows. p. 36.
Ufimtsev, V. - How the State Scientific Research Institute of Technology helps machine-tractor stations. p. 36.
Skopin, V. - Repairing tractor support rollers. p. 36.
[illegible] disks. p. 37.
of new design. p. 37.
pensions of KDP-
nized MZhS-3M
41.
s. p. 46.
Emdin, A.IA. - Organization of oil storage in machine-tractor stations. p. 12.
Tkachenko, O.IU. - Let us raise the level of mechanization in agriculture. p. 14.
Innatenko, V.I. - Methods for snow retention on fields. p. 16.
Minovych, S.M. - Using machines in soil liming. p. 17.
Kovalenko, O.IA. - Cleaning and sorting grain and technical crops. p. 19.
Serkin, L.I. - Technical training of machine operators. p. 21.
Kal'chenko, A.Z. - Propagate the practice of the best mechanization schools. p. 22.
Mamedov, A.M. - Disassembling, assembling, and regulating "Belarus'" tractors. p. 23.
Kochetov, K.K. - Our practice in the production of thermite steel. p. 25.
Kovalevs'kyi, S.O. - Methods for the treatment of coarse fodder. p. 27.
Illushchenko, V.P. - Low pressure steaming of straw. p. 29.
Petruchenia, S.I., Vereskun, M.I. - Electric heating of hotbeds. p. 30.
Ohiinyk, M.M. - Seedling hotbeds with air electric heating. p. 31.
Answers to reader's letters. p. 32.
Horduzenko, L.S. - The right way of filling out the repair sheet. 32.
Berest, LZ. - How to pay the driver of a mobile repair shop that services and repairs the machinery of collective farm stockbreeding branches. p. 3 of cover.
Follow-up on materials printed in "Mekhanizatsiia sil's'koho hospodarstva." p. 3 of cover.

Vol. 7, no. 6(78), June 1956. [In Ukrainian.]
Table of contents translated:
Editorial: Let us be fully prepared for harvesting. p. 1.
Smirnov, O.P. - How we won the privilege to participate in the exhibition. p. 3.
Kucher, P.D. - I love my job. p. 5.
Toropov, A.H. - Ensiling corn by machinery. p. 6.
Dalakshii, IA.H. - We are extending the acreage of drained lands. p. 7.
Behma, V.A. - Overall mechanization is a most important means in lowering production cost. p. 9.
Fedenko, V.U. - Determination of loss from driving tractor units without loads. p. 10.
Dubrovin, V.S. - Make full use of the productive capacity of machine-tractor station workshops. p. 11.
Voloshyn, F.V. - Harvesting grain crops in stages. p. 12.
Karpenko, S.O. - Operating combines in groups. p. 14.
Lytvynenko, L.B., Holubov, M.O. - Harvesting straw products. p. 14.
Vynokurov, P.P., Bortkevych, I.M. - We are adopting the unit method for collecting straw. p. 16.
Butanov, V.I. - Harvesting and raw processing of flax and hemp. p. 17.
Kal'bus, H.L. - Maintenance of hydraulic mounted attachments. p. 18.
Stryzhel'chuk, S.F. - Converting machinery for cultivating between corn rows. p. 20.
Hnoushov, V.I. - Liquid fertilizer applicator for sugar beets. p. 21.
IErukh, P.M. - Mechanization of grain cleaning and loading in threshing barns. p. 22.
Chorniak, V.A., Semenets, A.P. - Experience in training machinery operators. p. 24.
Loiko, A.M. - Machine milking of cows in summer pastures. p. 25.
Riaboshtan, F.M. - One-line suspended overhead trolley on stockbreeding farms. p. 26.
Pyvovar, S.H. - KPH-4,2 mounted cultivator-fertilizer. p. 27.
Kanarchuk, IE.O. - M-72 passenger car. p. 28.
New tractors. p. 29.
Turchak, M.M. - Machine for grinding the disks of shallow plows. p. 31.
Suprunenko, O.P. - Body restoration of oil pumps. p. 31.
Petrusov, O.I., Komaristov, V. IU. - Hydraulic machine for controlling the combine reel. p. 32.

1956. [In Ukrainian.]
tents translated:
Carry out plans for the procure-
se of agricultural produce ahead of
How the dispatch office at our
station works. p. 3.
Practice of combine group work.
For productive results in operating
e. p. 7.
ievements of Soviet Ukrainian
tors. p. 8.
Reduce the amount of labor in-
owing. p. 10.
istently reduce the amount of
vegetable gardening. p. 11.
epare for sowing winter crops



Zamors'kyi, V.V., Vesna, M.M. - Technical maintenance of machine-tractor station equipment. p. 14.
Nastenko, P.M. - Using the KKP-2 potato combine. p. 15.
Patlan', P.I. - How to care for tractors and agricultural machines. p. 17.
Halenko, M.D. - Harvest grass seeds in time and without waste. p. 18.
Ushakov, O.F. - Mechanization of sugar beet harvesting. p. 19.
Lebedev, M.P. - The TTP-12 trailer-transporter. p. 21.
Zinger, IU.A. - Mechanized grain-cleaning unit. p. 22.
TSaits, IE.S. - Low-pressure earth embankments without reinforcement of upper slopes. p. 23.
Bondarenko, S.P. - Using electric drive on threshing floors. p. 24.
Kvachov, H.S. - Electric fence. p. 25.
Zymbalevs'kyi, M.S. - Universal telemechanical apparatus. p. 26.
Boroma, P.B. - How have we increased livestock production. p. 26.
Mel'nikov, S.N. - New methods of fastening automatic stock waterers. p. 29.
Luchkevych, S.H. - Slinge hoist. p. 30.
Kaliuzhnyi, H.D., Danylevych, H.I. - A furrow measuring device machine. p. 31.
Babuk, V.B. - Grain combines in England. p. 32.

Vol. 7, no. 8(80), Aug. 1956. [In Ukrainian.]
Table of contents translated:
Editorial: Make full use of equipment in corn harvesting. p. 1.
TSyliuryk, O.L. - My work with the SKEM-3 combine. p. 3.
Nedozhdii, F.P. - I use the forage harvester efficient. p. 4.
Shameka, I.I. - Corn sheller. p. 5.
Lappo, O.A. - The Ukraine at the All-Union Agricultural Exhibition. p. 6.
Bondarenko, M.H. - Causes for the rupture of crankshafts of starting motors. p. 7.
Horasymov, B.K. - Make automobiles with turning headlights. p. 7.
Kulyk, F.N. - Electric drive for the TP-400 grain cleaner. p. 7.
Shnukalo, M.M. - Reduce state costs on each center used as payment in kind. p. 8.
Hervits, P.S. - How to determine economic effects of technical improvements and efficiency suggestions. p. 9.
Romanenko, O.M. - Efficient signals on tractors. p. 10.
Kliavir, I.IU. - Combine harvesting of sugar beets. p. 11.
Irodov, O.V. - Use KU-2 corn-harvesting combines efficiently. p. 14.
IUshyn, O.O., Liushyn, M.I. - New methods for testing tractors. p. 16.
Kuz'min, V.M. - Machines and equipment for vegetable harvesting. p. 18.
Lisovs'kyi, IA.N. - Land improvement machinery for the Ukraine. p. 19.
IAnhol', A.M., Stoianov, I.V. - Mechanization of mole drainage work in meadows and pastures. p. 20.
Smoliar, P.K., Chomus, V.S. - Tractor-driven loader. p. 22.
Voitenko, I.H. - Mobile tractor-drawn sledge for corn harvesting. p. 22.
Lelnachuk, IE.I. - Powder electrode for building up by welding under flux. p. 23.
Us, M.P. - Repairing machine parts by means of aluminum alloys. p. 24.
Hol'vork, O.A. - Standard gauge for installing fuel pumps. p. 25.
Hel, I.F. - Utilizing waste heat in electric power stations. p. 26.
Savych-Zablots'kyi, B.K., Zemlianoi, I.M. - Operation of 6-10 kw unit-type distribution systems for outside installation. p. 27.
Reznik, N.IU. - New corn and ensilage harvester. p. 28.
Danylevych, H.I. - Modernization of the SNU-3 beet lifter. p. 30.
Dolhanov, K.IE. - Tractors with a planetary reducing gear and an independent power take-off. p. 31.
Synzynys, B.Z. - Economic problems in machine-tractor stations; a collection of articles. p. 32.

Vol. 7, no. 9(81), Sep. 1956. [In Ukrainian.]
Table of contents translated:
Krylov, O.F. - Protection of labor and safety measures during autumn field and repair work. p. 1.
Bozhonutsia, M.K. - How we lengthen the life of S-80 tractors. p. 3.
Mats, I.S. - Work practice in the operation of ST-126 steam power plants. p. 4.
Vorobkalo, M.I. - Mechanical vegetable grinder for poultry farms. p. 6.
Hubko, V.R. - Oil consumption in KDM-40 engines. p. 6.
Solohub, D.M. - Work of DT-14 tractors with KSKh-2,1 mowing machines. p. 8.
Haiduk, L.M. - Modernized PD-10M starting motor. p. 9.

Berkuta, A.D. - Increasing the power of steam engines. p. 10.
Ostankov, A.B., Orateva'ka, N.O. - Lowering the cost of repairing machine and tractor station equipment. p. 12.
Rohovyi, F.F. - Methods for increasing the productivity of tractor groups. p. 13.
Sydlfarenko, V.V. - Unit for the primary processing of hemp on collective farms. p. 14.
Vainrolkh, IA.B. - Mechanization of work in greenhouses. p. 15.
Balenko, O.F., Bukh, V.M. - The P-1 loading shovel. p. 17.
Storchak, I.M., Klepats'kyi, B.V. - Special problems in mounting the oil pump and filter in KhTZ-B7 engines. p. 18.
Zaleis'kyi, H.I. - Using waste high-speed steel at machine-tractor stations and interdistrict workshops for major repairs. p. 20.
Reva, L.P. - Anode-mechanical processing of crankpins. p. 21.
Sobol', F.D. - Accelerated turning of holes in the rear axle. p. 22.
Stepaniuk, M.A. - Preparing hay meal with feed grinders. p. 23.
IUrchenko, M.P. - Methods for setting up the automatic watering of cows in enclosed pastures. p. 25.
Haryha, N.D. - Installation of windmills on stockbreeding farms. p. 26.
IEzers'kyi, O.IE., Kosenko, B.T. - Hydroelectric power stations in local power systems. p. 27.
Tryndin, I.O. - The DG50-4 diesel generator. p. 28.
Nesvits'kyi, IA.I. - The DT-14 tractor. p. 29.
Liubyns'kyi, IU.S. - Some problems of agricultural mechanization in the German Democratic Republic. p. 31.
Ostapenko, O.H. - Corn threshing machines. p. 3 of cover.
New books. p. 4 of cover.

MOLODOI KOLKHOZNIK [THE YOUNG COLLECTIVE FARMER]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 23, no. 6, June 1956.

Table of contents translated:

Dear friends, we are waiting for you. p. 1.
Martem'ianov, V. - Gennadii Fomin, the state farm worker; a sketch. p. 2.
Nikitin, Sergei. - Companions; a story. p. 4.
Prospectors of the sixth continent. p. 6.
Riabov, I. - On the threshold of a great life ("From the banks of the Medveditsa." M. Prilozhaeva). p. 7.
Pominov, A. - Jacks-of-all-trades. p. 9.
Parca, Gabriella. - The little girl-miner; a story. p. 9.
Soil, double your fertility! p. 10.
Hsiao Kan-niu. - The white lily. p. 12.
Girl friends. p. 13.
Kamel'noi, Boris. - The marker flag; a story. p. 14.
Leonov, V. - They will operate machines. p. 16.
Aleksandrov, M. - Choyan' melodies. p. 18.
Okhrimovich, Anatolii. - After the concert. p. 19.
Golyshev, N. - Accordion. p. 20.
Nekrasov, N.A. - Tale of a kind tsar, a wicked voivode and a poor farmer. p. 21.
Decade of the Armenian literature and art. p. 22.
Kurentsov, A.I. - At the headwaters of the Pravaya Malaza. p. 23.
Baiderin, Viktor. - Donakhon gives no reduction. p. 24.
Smirnov, Sergei. - Poet and artist. p. 25.
Polonskii, L. - Petroleum is flowing. p. 25.
Koniushkova, G. - Dissertation and life. p. 26.
Zhak, Dalia. - What helps us. p. 27.
Rechin, Boris. - Choice of destiny; a sketch. p. 28.
Kolov, A. - Invincible champion. p. 29.
Bychkov, O. - How this happened. p. 30.
Stiuikov, Dm. - Transcarpathian people ("Transcarpathian stories." M. Tomchanii). p. 31.
Zhokhov, M. - "Before sunrise." V. Kubanov. p. 31.
Maksimovich, V. - Fight with the tiger. p. 31.

Vol. 23, no. 7, July 1956.

Table of contents translated:

Nemchinov, V.S. - To the young masters of Siberia. p. 1.
Olenin, M. - Raichikhinsk, the city of coal. p. 3.
Pavlukhin, Anatolii. - Cinderella; a poem. p. 4.
The flag is hoisted. p. 5.
Khodzher, Grigorii. - My friend, the beekeeper; a story. p. 6.
Pribytkov, Vladimir. - The flood. p. 9.
Khoroshunov, Gr. - Kalinkin peasants. p. 11.
Smirnov-Sokol'skii, Nik. - Don't bury your talents. p. 12.
Pervantsev, Arkadii. - Man who won a victory over himself; a story. p. 13.
IAmov, I. - Pigeons. p. 16.
Sitnov, Dmitrii. - About make-up. p. 16.
What is the best way to harvest grain? p. 18.
Bezgubova, V. - Moldavian orchards. p. 19.
Esipenko, D. - What we saw in Denmark. p. 20.
Kerdoda, Aleksei. - Hard alloy; a sketch. p. 21.
Zakharov, V. - On the banks of the Ob'. p. 23.
Pavlov, A. - Rembrandt van Rijn. p. 24.
Il'in, L. - Grandpa Dorzhzhin. p. 25.
Streinieks, Jan. - How we prepared for the contest. p. 26.
Grinzanov, Al. - In the distorting mirror. p. 28.
Dunin, M. - "Through the Timiriazov Academy." Al. Kantorovich. p. 29.

Korzinkin, S. - Soldier of the revolution. p. 29.
Scotch humor. p. 30.
Efremova, L. - Dress nicely. p. 31.

MOSKOVSKII KOLKHOZNIK [MOSCOW COLLECTIVE FARMER]. Issued by Moskovskoe oblastnoe upravlenie sel'skogo khoziaistva [Moscow Province Administration of Agriculture]. Moscow, vol. 5, no. 6(50), June 1956.

Table of contents translated:

Editorial: Make increasing the productivity of animal husbandry a matter of daily concern. p. 1.
Nekrasov, T. - What the Moscow area stands tell us. p. 3.
IAkushkin, I.V. - Some problems of specialization in agriculture and use of improved cultivation practices. p. 5.
Ivanov, A.A. - Careful cultivation of corn. p. 7.
Masterova, V.P. - The most important condition for obtaining high corn yields. p. 8.
Shaumian, I.K. - Urgent tasks in seed potato fields. p. 10.
Lebedev, B.M. - Improving a short-jet sprinkler installation. p. 12.
Likhachev, A.G. - Organizing irrigation on bottom lands. p. 13.
Zhadaev, V.S. - Foliar feeding of flax. p. 15.
Dampel', A.Kh. - Carry out the certification of crops in good time. p. 15.
Sokolov, N.S. - Work in fallowed and unfallowed fields. p. 16.
Kitaev, V.N. - Advantages of early hay harvesting. p. 19.
Novikov, A.V. - Stage harvesting of grain crops. p. 20.
Shirshov, G.A. - Machine-tractor stations in the struggle for increased productivity of communal animal husbandry. p. 21.
Kosova, O.N. - Organize properly a stall and field shelter system for keeping cattle. p. 23.
Politov, N.G. - Let's organize range fattening of young cattle. p. 24.
Popova-Batueva, L.V. - Generalize the work experience in milking cows twice a day. p. 25.
Stoliarov, I.F. - A ripe problem. p. 27.
Koshel'kov, O.A. - Amendments to the regulations of our artel. p. 28.
Shuboderov, I.S. - We are increasing the profitableness of our farm. p. 29.
Soroka, A.M., Baev, A.I. - Calculation of the production cost on the Molotov and Kalinin Collective Farms in Bronnitsy District. p. 31.
Ginzburg, IA.G. - Some problems concerning the introduction of business accounting at machine-tractor stations. p. 34.
Monakhov, N.D. - We do the building ourselves with local materials. p. 37.
Nekrasov, T. - Collective farm leaders. p. 39.
Filatov, N.A. - Organizing the production of mushrooms. p. 41.
Myshliaeva, N.A. - Summer work in the orchard. p. 43.
Pichugin, N.P. - Agricultural equipment in the sixth five-year plan. p. 44.
Information and advice. p. 46.
Zuev, Dm. - Do you know that... p. 48.

Vol. 5, no. 7(51), July 1956.

Table of contents translated:

Editorial: Decisive period in the cultivation of corn. p. 1.
Germaiskii, A.P., Mogilevskaia, B.A., Kushch, L.S. - System of harvesting in separate stages. p. 3
Sokolov, V.P. - Mechanized threshing floor. p
Nikol'skii, S.A. - Complete the cultivation of r and prepare for harvesting. p. 7.
Chistiakova, I.I. - Six hundred centne per hectare. p. 8.
Kiselev, I.S. - Organizing the culti tables. p. 8.
Sytina, Z.A., Dorofeeva, O.D. - S potatoes for seeds. p. 9.
Starov, A.IA. - Let's conduct the p potatoes and vegetables in good
Rubtsova, T.M. - Simple and profi fattening cattle. p. 10.
Balev, P.M. - Prepare the soil an in time. p. 11.
Eremin, P.I. - Our practice in obt of winter wheat. p. 13.
Rozhkov, M.M. - Winter hairy vet green forage. p. 15.
Alekseev, E.D. - Serpukhov winter
Sitiuk, N.I. - Collective farm's ad liminary sorting of rotted flax a
Magnitskii, K.P. - Magnesium defi p. 19.
Mazaeva, M.M. - Combined applic and superphosphate fertilizers.
Borezova, E.F. - Make wider use lizers. p. 21.
Kalabukhov, M.V., Zhdanko, G.E. teaches. p. 23.
Sedov, I.V. - Procure peat in sumn

Pospelov, A.M. - Device for applying liquid fertilizer to corn and vegetables. p. 25.
Rusinov, I.F. - Use drainage systems correctly. p. 27.
Korol'kov, E.D. - New method of heating hotbeds. p. 28.
Ivanov, A.S. - Socialist competition in action. p. 30.
Atrashkov, V.A. - Fulfill the plan for fattening hogs ahead of time. p. 31.
Reznikov, I.Z. - First successes. p. 32.
Domina, T.G. - Use pastures correctly, increase milk yields. p. 33.
Smirnov, N.P. - From a zootechnician's notebook. p. 35.
Kirpichnikov, B.A. - How to obtain high yields of strawberries in the first year of fruiting. p. 36.
Popov, B.A. - Aspects of planting dwarf and semidwarf trees in Moscow Province. p. 37.
TSyplakov, F.I. - Collective farm construction crew. p. 38.
Shmidt, L.N. - We live and work according to new regulations. p. 39.
Filatov, N.A. - Growing mushrooms. p. 41.
Brief news on cultural life. p. 43.
Zuev, Dm. - Sweet clover near Moscow. p. 43.
Information and advice. p. 44.
What is July like near Moscow? p. 46.

Vol. 5, no. 8(52), Aug. 1956.

Table of contents translated:

Editorial: Let's fulfill our obligation in competition with Kiev Province. p. 1.
Develop fruit culture in every possible way. p. 2.
In the Moscow Province Committee of the Communist Party of the Soviet Union and the Executive Committee of the Moscow Province Council. p. 3.
Socialist competition between Moscow and Kiev Provinces. p. 4.
Alpatov, G.M. - One can learn from Kiev Province. p. 4.
Wage system and production standards when harvesting grain in separate stages. p. 7.
Silnov, V.D. - Some problems in harvesting corn. p. 8.
Kushch, L.S. - Avoid losses in harvesting corn. p. 9.
Kochetiagina, A.P. - Use only high grade potatoes for seeds. p. 11.
Tarakanov, G.I. - Harvesting, afterripening, and storing of tomatoes. p. 12.
Zakharavich, N.I. - Tasks of science in vegetable gardening. p. 13.
Shaumian, V.A., Fedorenko, I.D. - Irrigating vegetables and potatoes with DDA-100-M sprinklers. p. 15.
Kremnev, P.K. - Losses of vegetables during transportation. p. 17.
Sobchuk, G.S. - Processing vegetables on collective farm. p. 18.
Bran'kov, P.G. - Advantages of direct transportation of grain from the fields. p. 20.
Korolev, V.G. - Preliminary processing of flax. p. 21.
Kolesnikov, V.N. - Production of meadow and pasture grass seeds. p. 22.
Kniaz'kov, S.A. - Simple device for chopping mineral fertilizers before spreading. p. 23.
Likhachev, A.M. - Make a wider use of fertilizer mixtures. p. 25.
Chernenko, N.G. - What's new in milking cows by machine. p. 26.
Olefirenko, I.Kh. - Let's fatten more hogs next year. p. 27.
IAkushov, V.I. - Keeping hogs in buildings of simple construction. p. 29.
Kozlovskii, V.G., Smirnov, N.P. - Automatic feeders for hogs. p. 31.
Gorlunov, N.A. - Poultry of Moscow Province at the All-Union Agricultural Exhibition. p. 33.
Shirokov, P.IA. - Summer honey harvesting and the preparation of bees for wintering. p. 34.
Prokof'ev, S.D. - Labor productivity in berry planta-

Fishman, IA.N. - The decisive condition. p.17.
Ruchkin, V.N., Aziev, K.G. - Mechanical ventilation of grain. p.21.
Kaplun, S.V., Cherepakhin, M.K. - Collective farm combination grain-cleaning barn and elevator. p.23.
Kozlova O.D. - Use of insecticidal fumes in controlling grain pests. p.26.
Golovnev, A.A., Elagin, I.N. - Giving careful attention to corn. p.27.
Ivchenko, S.I. - Practical application of T.S.Mal'tsev's methods. p.31.
Alekseev, M.A. - Green fodder plan. p.33.
Polovenko, I.S. - Reorganizing scientific research institutes of Moldavia. p.36.
Tret'iakov N.P. - Attracting leading workers into scientific work. p.37.
Koval'skii, V.V. - Labeled atoms in livestock raising. p.39.
Dobrinkov, D.D. - Heating hotbeds and greenhouses. p.40.
Soroko, IA.I. - Self-propelled chassis. p.42.
Bondur, A.I. - Using herbicides in destroying tenacious vegetation on ponds. p.45.
Contribution of science to production. p.46.
Enlarged tractor group. p.46.
Khamko, S.F. - Improve the maintenance of tractors. p.50.
Kurnatovskii, G.A., Shulenin M.I. - Means for lowering the cost of production. p.52.
Grigor'eva, A.S. - Tractor operators work according to plans. p.55.
Nezhivoi, A.P. - Stalin Collective Farms produce hybrid corn. p.56.
Leitan, S.S. - More production and lower costs. p.57.
Popov, S.A. - Cost of one feed unit. p.60.
Variagov, D.P. - Seventeen workers instead of twenty-five. p.63.
Liutikov, K.M. - Early maturity in crossbred cattle. p.65.
Podorozhnyi, K.F., Dan'shina, A.IA. - People's academy. p.66.
Tikhomirov, V.N. - Livestock section at the Exhibition of 1956. p.70.
Sushchevskii, M.G., Gur'ev, V.I. - What's new at the Exhibition. p.72.
Kuchepatov, A.G. - Propaganda lectures at the All-Union Agricultural Exhibition. p.74.
Memorable dates. p.75.
Beregovoi, L.S. - Slowly and diffidently. p.76.
Raevskii, D.V. - Progressive organization of labor. p.78.
Ryzhenkov, L.I., Kobilinkov, D.G. - We give our support to veterinarian G.T.Skibin's initiative. p.80.
In the Agricultural Museum of the Moscow State University. p.81.
Morozov, A.R. - The club is helping the collective p.82.
Chemical weeding. p.83.
Lezhnev-Fin'kovskii, P.IA. - Measures for developing the cultivation of millet in the U.S.S.R. p.85.
Agronomist A.E.Voronova's method for conditioning seeds. p.86.
Ivanova, A.N. - Vegetable growing in China. p.87.
Krasiukov, P.A. - Agricultural science in the Korean People's Democratic Republic. p.90.
Litvin, V.M. - Relation between agricutural extension work and science in western European countries. p.91.
Davidov, R.B. - Breeding work in Holland. p.93.
Petrova, I. - Lively stories on the experience of the thirty thousand. p.95.

POCHVOVEDENIE [SOIL SCIENCE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no.4, Apr. 1956.

Table of contents translated:

...itions of soils [with French p.1.
...e and soils [with German 24.
E.A. - Formation of second-nd plants in connection with nts [with German summary
...ogy, genesis, development and general properties of Chermozems, turf-Podzolic and swampy soils in Northeastern China [with German summary in insert]. p.43.
Dobrovol'skii, G.V. - Soils of floodlands of the lower Oka River [with German summary in insert]. p.47.
Nogina, N.A. - Arid steppe soils of the Barguzin Depression [with German summary in insert]. p.59.
Remezov, N.P. - More about the role of forests in the formation of soils. p.70.
Plotnikov, A.A., Makarova, V.V. - Efficient utilization of sod in grassland crop rotations on turf-Podzolic soils [with German summary in insert]. p.80.
Turilin, I.A. - Eccentric percussion soil sampler. p.86.
IAstrebov, M.T. - I. Needle for taking soil air specimens. II. $CO_2$, $O_2$ and $H_2$ content of soil air ground water in the Klyazma River Lowland [with German summary in insert]. p.89.
Aleksandr Fedorovich Tiulin, 1885-1955; obituary. p.97.
Prosniakova, G. - Interdepartmental conference on erosion control. p.99.
All-Union Conference of Soil Scientists in Moscow, Jan. 28-Feb. 4, 1956. p.102.
Resolutions of the All-Union Conference of Soil Scientists of Jan. 28-Feb. 4, 1956. p.100.
Factors in soil formation, genesis and geography of soils. p.118.
Soil mineralogy. p.119.
Physical properties of soil and methods of research. p.119.
Soil chemistry and methods of research. p.121.
Biology and microbiology of soils. p.122.
Soil fertility, fertilizers, and tillage. p.124.
Soil improvement. p.128.

No. 5, May 1956.

Table of contents translated:

Liverovskii, IU.A., Rubtsova, L.P. - Soils of the Zeya-Bureya Plain and problems of their genesis [with German summary in insert]. p.1.
Hou, K., Chang, S. - Studies on soil plasticity in China [with English summary in insert]. p.17.
Oschukov, K.N. - Constant laws in the transmission of soil heat and moisture within a cycle of 24 hours [with German summary in insert]. p.25.
Dobrovol'skii, V.V. - Carbonate formations in soils and soil-forming rocks of the central Chernozem region [with German summary in insert]. p.31.
Druzhinin, D.V. - Corn cultivation and soil moisture [with French summary in insert]. p.43.
Krutikhovskii, V.K. - Experiment in fertilizing winter wheat on sandy loam turf-Podzolic soils ("Kolos" Collective Farm) [with French summary in insert]. p.50.
Kostava, G.A. - Soil conditions in old orange groves [with German summary in insert]. p.57.
Shrag, V.I., Dolgov, S.I., Zaidel'man, F.R. - Problem of irrigating soils with a pebbly substratum [with German summary in insert]. p.67.
Kasatochkin, V.I., Zil'berbrand, O.I. - Use of roentgenography and infrared spectroscopy in analyzing the structure of humus substances [with French summary in insert]. p.80.
Kononova, M.M., Aleksandrova, I.V. - Paper partition chromatography in studying the forms of nitrogen in humus substances [with French summary in insert]. p.86.
Balashev, L.L. - V.V.Dokuchaev and A.N.Engel'gardt. p.93.
Muserovich, A.IA. - Achievements of the Polish soil science in the last decade. p.98.
Cernescu, N.K., Chiriță, C.D. - Soil research in the Rumanian People's Republic. p.107.
Kosil, V. - Present state and basic problems of soil science in Czechoslovakia. p.112.
Sabol'ch, I. - Brief history and present tasks in Hungarian soil science. p.115.
Verigina, K.V. - Using Trilon "B" in soil analysis [with German summary in insert]. p.117.
Shkondo, E.I. - In memory of E.A.Mitscherlich, 1874-1956. p.125.
P.P.Avdusin; obituary. p.126.
Orlovskii, N.V., and others. - In reference to the textbook "Agricultural chemistry." p.127.
Genesis, geography, and cartography of soils. p.131.
Physical properties of soil and methods of research. p.132.
Soil chemistry and methods of research. p.134.
Biology and microbiology of soils. p.135.
Soil fertility, fertilizers, and tillage. p.137.
Soil improvement. p.141.
Forest soil science and the improvement of forests. p.142.
Soil erosion and erosion control. p.144.
General works and history of soil science. p.145.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Organ of Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, no. 4, Apr. 1956.

Table of contents translated:

Editorial: An inspiring appeal of the party. p.3.
Solful'-Mutiukov, N. - Grain crops in dry-farming areas. p.7.
Lukashevich, E. - Increasing the yields of hemp. p.11.
Vodolazov, A. - Spacing of sugar beet plants. p.15.
Enikeev, S. - Controlling pitting in sugar beets. p.18.
Iskakov, T. - For further development of sheep breeding. p.20.
Lesnikova, E. - Raising young poultry on collective farms. p.25.
Loginov, F., Tovstik, M. - Growing alfalfa in dry-farming areas. p.27.
Zonshtein, L. - Problems of corn growing. p.31.
Oseledchik, B. - New agricultural machines. p.36.
Kasymov, M. - Mechanized clipping of sheep. p.41.
Sobolev, D. -Make the most use of road in agricultural construction. p.43.
Mamytov, A. - Ways of reclaiming land in Ak-say and Pokrovka uplands. p.47.
Lushchikhin, M. - Enlarging sheep-shearing stations. p.51.
Rabinovich, M. - Potentialities for increasing the productivity of labor in dairy farming. p.56.
IUrchenko, M. - Alfalfa in dry-farming areas. p.61.
Naitoli, E.V. - Effect of discontinuous artificial lighting on the egg production of chickens. p.63.
Golushko, V. - Notes of an agricultural specialist. p.63.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR and Ministerstvo sovkhozov RSFSR [Ministry of Agriculture of the R.S.F.S.R. and Ministry of the State Farms of the R.S.F.S.R.]. Saratov, no. 6, June 1956.

Table of contents translated:

More meat for the country! p.3.
Sidorov, I.S. - More about the farming system in the Southeast. p.7.
Luk'ianenko, IA.F. - Practice of using grassland crop rotation in Chuvashia. p.10.
Varvarin, B.G. - For more extensive seeding of grasses in meadows of the Volga region. p.15.
Kononov, M.S. - Effect of fertilizers on grain crops. p.19.
Krasinskii, N.P. - Foliar feeding of corn and vegetables. p.23.
Vorob'eva, N.F. - Chemical control of weeds in seeded fields. p.27.
Lobanov, IA.IA., Lebedev, V.V. - Width and make-up of shelterbelts of the trans-Volga region. p.31.
Zaenok, I.T. - Cultivation of sugar beets. p.35.
Millarenko, F.A. - Masters of high yields of sunflowers. p.38.
Radov, A.S. - Growing millet. p.40.
Bolik, V.F. - Vine crops in the Lower Volga region. p.42.
Orlov, P.N. - Makhorka cultivation practices. p.46.
Panitskii, V.V., Panitskii, V.I. - Raising grape transplants in the trans-Volga region. p.48.
Krivorot, M.P. - We strive for higher annual milk yields. p.50.
Kurinchii, V.B., Karpova, O.S. - Sheep breeding on collective farms served by the Balakovo State Breeding Station. p.53.
Rachkovskii, L.N. - Milk production in crossbred sheep. p.55.
Mironov, I.V. - Mechanized cleaning of grain on the Budennyi Collective Farm. p.57.
Gulinev, G.V., Pomogaeva, A.I. - Mechanized harvesting of peas. p.60.
Zabavin, M.B. - Rotary boring in building driven wells. p.63.
Belozertsev, A.G. - Timely harvesting is an important factor in increasing total yields of grain. p.66.
Semenov, V.P. - We are going to fulfill milk and meat production tasks of the sixth five-year plan in two years. p.69.
Mandel'shtam, L.A., Zakharov, S.M., Bubnov, D.V. - Problems of specialization and labor productivity on state farms of Balashov Province. p.72.
Smirnov, B.M. - Cultivation practices for field crops. p.83.
Volkova, V.V. - Useful pamphlet on the improvement of natural grasslands in the Southeast. p.85.
Bookshelf. p.87.

No. 7, July 1956.

Table of contents translated:

For progressive agricultural science. p.3.
D'iakonov, P.A. - We shall harvest rapidly and without losses. p.7.
Filippov, I.I. - Reclamation of land in the Volga-Akhtuba Valley and in the Volga Delta. p.11.
Liubich, F.P. - Farming system in the Volga-Akhtuba Lowland and in the Volga Delta. p.16.
Bulychova, V.E. - Soil conditions and the depth of tillage in Saratov Province. p.20.
Ballabo, N.K., Blinov, M.I., Guthia, D.S. - Three-level plowing for the improvement of steppe Solonetz soils. p.24.
Efremov, L.M. - Corn has come into its own. p.30.
Skrepinskii, A.I. - Consolidate successes, study shortcomings. p.31.
Molchadskii, S.R., Gorbulin, N.F. - More about corn in Kuybyshev Province. p.33.
Zav'ialov, V.A. - "Factory" of greens. p.36.
Terekhov, V.I. - Biological characteristics of makhorka. p.41.
Kozlov, A.A. - Sudan grass in Chuvashia. p.43.
TSekhmistrenko, P.E. - High grape yields in the second year after planting. p.46.
Aref'ov, V. - Stock raisers participating in the All-Union Agricultural Exhibition. p.59.
Rashchupkina, E.S. - What we gain from the stall and field shelter system of keeping cattle. p.51.
Alipov, V.V. - Using local mineral feeds in stock raising. p.55.
Sviatogorov, M.S. - Harvesting in separate operations. p.59.
Panitskii, V.I. - Sprinkler irrigation in the trans-Volga region. p.61.
Botov, T.G. - Plow for the basic improvement of Solonetz soils. p.64.
Orlov, I.N. - We develop all branches of farming. p.67.
Komashchenko, A.V. - Effect of various cultivation practices on crop yields and the cost of production. p.69.
Levikov, N.I. - First steps in converting machine-tractor stations to business accounting. p.72.
Grinfel'd, E.G. - Additional pollination of corn. p.76.
Ropin, A.N. - Barn for storing and drying seed corn. p.78.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serila Remont traktorov, sel'khozmashin i avtomobilei [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on Repairing Tractors, Agricultural Machinery, and Trucks]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 8-10, Aug.-Oct. 1956.

b) ANIMAL INDUSTRY

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serila Traktorist, kombainer i shofer [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series for Tractor and Combine Operators and Truck Drivers]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 9-10, Sept.-Oct. 1956.

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO [SOCIALIST AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 27, no. 5, 1956.

Table of contents translated:

Editorial: All-Union Conference of Workers of Agricultural Science. p. 3.
Benediktov, I. - Urgent tasks of state farm production. p. 16.
Napol'skii, M. - At the All-Union Agricultural Exhibition. p. 28.
Loza, G. - Economic training of agricultural specialists. p. 34.
Pinchuk, A. - Make full use of potentialities of collective farm production. p. 43.
Mavlianov, R. - Diversified farming in a cotton-growing region. p. 49.
Slobodin, V., Fishman, E. - Method of calculating cost of production on collective farms. p. 53.
Babuk, V. - Over-all mechanization of field work in the Ukraine. p. 66.
Rudakova, E. - Development of fruit and vegetable supply areas. p. 75.
Semkin, G. - Distribution of branches of agriculture. p. 85.
International Fair in Verona. p. 91.
Kolesnev, S., Kuznetsov, G. - Useful book on land organization. p. 93.

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sovkhozov SSSR [Ministry of State Farms of the U.S.S.R.]. Moscow, no. 6, June 1956.

Table of contents translated:

Benediktov, I. - Increase labor productivity on state farms in every possible way. p. 3.
Vasil'ev, D.G. - Improve the distribution and use of fixed capital on state farms. p. 10.
Stanislavskii, N.S. - In the struggle to lower the cost of production. p. 25.
Shibaev, D.E. - Cooperative construction work on state farms. p. 29.
Bykov, S., Kolos, I. - Increasing production with the least possible amount of labor and means. p. 33.
Volosenkov, G.M. - Methods for calculating labor productivity on state farms. p. 38.
Teterin, N.A. - Careful cultivation is a guarantee for high corn yields. p. 46.
Pikunov, A.S. - High effectiveness of feeding meat-making rations to swine. p. 49.
Maksimov, A.V. - Highly effective measure for increasing the production of pork. p. 52.
Sotov, V.L. - Green fodder plan is an important measure for increasing the productivity of cows. p. 56.
Golubash, IU.F. - Efficient use of horses on state farms. p. 59.
Dochkarev, D.I. - Make wide use of machinery in the procurement of hay. p. 62.
Scientific and practical news. p. 66.
News about agricultural practices and equipment abroad. p. 74.
Answering our readers' questions. p. 76.
In the Ministry of State Farms of the U.S.S.R. p. 80.

No. 7, July 1956.

Table of contents translated:

Apply the work practices of the participants in the All-Union Agricultural Exhibition. p. 3.
Malekhon'kov, G.A. - Over-all mechanization and reduction of the cost of grain production. p. 6.
Kurilenko, S.V. - Let's conduct harvesting on virgin lands in an organized manner. p. 14.
TSvetkov, V.N. - In the struggle for lowering production costs. p. 18.
Miroshnikov, V.D. - Business accounting in livestock sections of the "Iskra" State Farm. p. 21.
Ivanov, L.I. - Give way to new methods in organizing work and production processes in animal husbandry. p. 25.
Readers' comments on "Methods for the calculation of labor productivity on state farms." p. 31.
Shcheglovatykh, I.M. - Let's make use of the experience of participants in the All-Union Agricultural Exhibition. p. 36.
Kardash, E.P. - For a high vegetable yield. p. 40.
Blagin, I.N. - Summer work on corn hybridization plots. p. 44.
Pentiuk, M.V. - Organization of range fattening of cattle. p. 47.
Volkov, A.A., Gorlunov, N.A. - Work practice of state poultry farms that are participants in the All-Union Agricultural Exhibition. p. 52.
Rozhdestvenskii, K.V. - Eliminate shortcomings in organizing reproduction and fattening of hogs. p. 55.
Rudakov, G.F. - Harvesting cereals in separate stages. p. 58.
Morev, V.G. - My experience in the highly productive use of combines. p. 61.
Zhluktin, V.A. - Widely introduce over-all mechanization in grain cleaning on threshing floors. p. 64.
News of science and practice. p. 68.
News about agricultural practices and equipment abroad. p. 74.
Reviews and bibliography. p. 76.
Brief news about life on state farms. p. 79.

No. 8, Aug. 1956.

Table of contents translated:

Higher responsibility in fulfilling production plans and delivering products to the State. p. 3.
Anisimov, N.I., Volosenkov, G.M. - For closer cooperation between economic science and state farm production practice. p. 7.
Angel'ev, D.D., Zviagintsev, IA.I. - What is the result of mechanizing the pasture system of raising cattle. p. 12.
Vasil'ev, N.A. - Increase production and lower the costs of sheep breeding on state farms of Kazakhstan. p. 15.
Pankrat'ev, G.V. - Urgent problems in the economy of state farm poultry husbandry. p. 21.
Efremov, P. - What is hidden behind losses of the "Alabugskii" State Farm. p. 25.
Readers' comments on "Methods for the calculation of labor productivity on state farms." p. 28.
Vislinskova, E. - Corn-growing experience of state farms participating in the All-Union Agricultural Exhibition. p. 31.
Romanovskii, M.A. - Fall plowing in dry regions of the Ukraine. p. 36.
Chikaliki, G.M. - Some results concerning methods of deep cultivation of soil. p. 39.
Cherevan', S.I. - Feeding hogs for bacon on state farms of Latvia. p. 46.
Khabibullin, Kh.Kh. - For a wide introduction of artificial insemination of cows. p. 48.
Karnerov, P.G. - Ensiling feed in surface silos. p. 53.
Rozhdestvenskii, K. - What bad organization in feed supply leads to. p. 56.
Lebedenko, V.A. - Mechanization is an important condition for increasing farm profitableness. p. 60.
Kazanskii, V.M. - Machinery for the over-all mechanization of agricultural production p. 67.
Demin, I.G. - Improved "PKL" device for harvesting corn in separate stages. p. 72.
News of science and practice. p. 74.
Brief news about life on state farms. p. 77.

TEKHSOVETY MTS [TECHNICAL ADVICE TO MACHINE-TRACTOR STATIONS]. Published by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 17, no. 3, July 1956.

Table of contents translated:

Eroshkin, I. - Mechanized harvesting of corn. p. 1.
Dogach, N. - Corn growing in the U.S.A. p. 13.

Vol. 17, no. 14, July 1953.

Table of contents translated:

Shamaev, G. - New grain-cleaning machines. p. 1.
Shall', G. - Mechanized grain-cleaning barn. p. 8.
TSagolov, N., Pereverzev, A. - Gathering and stacking straw. p. 10.
Kuzlutkin, A. - Care of livestock in Sweden. p. 14.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I. LENINA. Doklady [ALL-UNION LENIN ACADEMY OF AGRICULTURAL SCIENCES. Reports]. Moscow, vol. 21, no. 6, 1956.

Table of contents translated:

Neiman, G.B., Volkov, P.A., Pitleyna, L.V. - Check-row planting of sugar beets using furrow openers with forced dropping and free falling of seeds. p. 3.
Antropov, T.F. - Potato yields in checkrowed plantings. p. 8.
Shulyndin, A.F., Manziuk, V.T. - Length of the vegetative season of hard spring wheat hybrids as affected by growing conditions. p. 10.
Nechiporchuk, I.D. - Transformation of hops by changing growing conditions. p. 15.
Voevodin, A.V., Tarnovich, N.K. - Increasing the effectiveness of chemical weed control in grain fields. p. 18.
Uarova, V.N. - Bacteria that decompose tricalcium phosphate. p. 22.
Lampovshchikov, P.K. - Nodule formation in pulse crops sown for green manuring in the trans-Volga region. p. 27.
Frenkel', E.M. - Using organomineral mixtures in connection with increasing the plowing depth. p. 32.
Vershilova, P.A. - Prophylaxis of brucellosis in sheep using vaccine. p. 36.
Krechetov, M.V. - Mechanized diagonal transfer of check wire in corn planting. p. 40.
Enlarged plenum of the Fertilizer Section of the All-Union Lenin Academy of Agricultural Sciences. p. 45.

KARAKULEVODSTVO I ZVEROVODSTVO [KARAKUL BREEDING AND FUR FARMING]. Organ of Ministerstvo sovkhozov SSSR [Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 9, no. 3, May-June 1956.

Table of contents translated:

Boiko, D.F. - Increase the meat productivity in Karakul sheep. p. 3.
Grechin, B.V. - Regulate the fattening of sheep slaughtered for meat. p. 8.
Legantseva, N.I., Shirinskii, M.A. - Organization of work in shepherding groups. p. 9.
Buzik, I.G. - Experience in organizing larger sheep raising groups on the "Leninchi-Charvodar" Collective Farm. p. 12.
Krasnopolin, E.S. - Methods for determining the feed supply and capacity of Karakul sheep pastures. p. 14.
Dzherikh, G., Uzakov, P. - Achievements and tasks of the "Kzyl-Charvodar" State Farm. p. 18.
Savin, M.V. - Increase labor productivity on rabbit and fur farms. p. 21.
Vokhlakov, P.F., Agapov, V.F. - Construction work on state fur farms in 1956. p. 24.
Bakh, G.L. - Lowering the cost of mink raising on the IUglavskii State Fur Farm. p. 31.
Sokolov, G.V. - Work experience of leading coypu farms. p. 34.
Galkin, V.S. - Summer pasturing of Japanese deer outside fenced deeryards. p. 39.
IUdin, M.N., Illarionov, S.A. - Feeding seal meat to fur-bearing animals. p. 43.
Eremin, V.M. - The use of hemosporidin and trypaflavin in controlling hemosporidia in sheep. p. 45.
Pokudin, A.A., Shalokhin, N.G. - Infectious vaginitis in sheep and its control. p. 47.
Radkovich, P.E., Veselova, T.P., Balakina, L.M. - The dosage of certain astringents in gastrointestinal diseases of fur-bearing animals. p. 50.
Afanas'ev, V.A. - Notes on Scandinavian fur farming. p. 52.
Mukhitsulin, Sh.M. - Achievements of the Zadar'insk State Karakul Farm. p. 59.
Dubnitskii, A.A. - Eliminate trichinosis in minks on state farms. p. 60.
Ionin, S.M., Gukasian, A.B. - Treating wounds with sulfur sol. p. 60.
D.B. - Water pumping on the "Karnab" State Farm. p. 61.
Kedrova, S.I. - Procurement of feed in the desert and semidesert districts of Uzbekistan. p. 62.

Vol. 9, no. 4, July-Aug. 1956.

Table of contents translated:

Boiko, D.F. - Use the fertility of Karakul ewes to greater advantage. p. 3.
IUdin, V.M., Brigis, O.I. - Importance of repeated matings in culling Karakul sheep. p. 7.
Kedrova, S.I. - Best time for cutting camel's thorn for hay in the desert of Uzbekistan. p. 13.
Manov, A.A. - Some problems in organizing production on the "Kenimekh" State Farm. p. 16.
Kholin, G.E. - Carrying out early lambing of Karakul ewes on the "Guzar" State Farm. p. 19.
Glagolev, Kovalenkova. - Early lambing of Karakul ewes on the Taypakskiy State Farm. p. 22.
Sobkin, A.G., Volochko, A.F. - Successes of the "Pobeda" State Farm. p. 23.
Titova, M.I., Pobedin, V.I. - Curling of overhair tips in minks as affected by feeding. p. 26.
Rostovskaia, K.V. - Curling of overhair tips in minks. p. 29.
Khronopulo, N.F. - Speeding up the aging of fur in young minks by changes in lighting conditions. p. 30.
Vol'f, IU.K. - Develop the raising of fur-bearing animals on collective farms. p. 35.
Kvapil', A.I. - Quality of rabbit pelts and ways of improving it. p. 38.
N.L. - National school of progressive experience. p. 42.
Driagalin, N.N., Krasnov, A.M. - "Self-biting" of fur-bearing animals. p. 49.
Oslopovskikh, A.M. - Vaccination of Japanese deer against pasteurellosis. p. 51.
Butkus, I.IU. - White hellebore infusion for treating ear mange in rabbits. p. 52.
Afanas'ev, V.A. - Notes on Scandinavian fur farming. p. 54.
All-Union Conference of Agricultural Specialists. p. 59.
Republic conference of the sheep breeders of Kazakhstan. p. 62.
Socialist competition among the state Karakul farms of two republics. p. 63.
Rish, M.A. - Mineral feed briquettes for Karakul sheep. p. 64.

KONEVODSTVO [HORSE BREEDING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 26(10), no. 9, Sep. 1956.

Table of contents translated:

Lower the cost of raising pedigreed horses on stud farms. p. 1.

Remizov, A. - Algasovo Stud Farm. p. 6.
Karpov, S. - Use of horses on a leading collective farm. p. 14.
Kliukov, V., IAkovlev, A. - Studying growth and development of the bones of the horse with the aid of roentgenography. p. 15.
Taranov, M. - Melanosarcoma in horses and its biochemical diagnosis. p. 20.
Koppel, H. - Estonian State Stable. p. 22.
Chernysheva, E. - Vladimir draft horses on the "Put' Il'icha" Collective Farm. p. 25.
Terent'ev, S. - Work capacity trials for camels of the Astrakhan breed. p. 27.
Magidov, G., Pluzhnikov, A. - Efficient feeding of young trotters. p. 30.
Shumskii, P. - Feeding corn to horses. p. 36.
Viit, V., Bobylev, I. - Sixteenth Olympiad in horsemanship. p. 38.
IAkovlev, A. - Reorganizing work on the tracks. p. 42.
Nikitin, N. - Results of the Moscow championship races for 1956. p. 44.

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Organ of Ministerstvo promyshlennosti miasnykh i molochnykh produktov SSSR [Ministry of the Meat and Dairy Products Industry of the U.S.S.R.]. Moscow, vol. 17, no. 5, 1956.

Table of contents translated:
Improve the quality of butter and cheese. p. 1.
Some data on the fulfillment of the semiannual plan. p. 4.
Shnaider, D. - Main and secondary sections. p. 6.
Luk'ianov, N. - Equipment permitting the reduction of production space. p. 6.
Trubitsyn, R. - General aspects of plants for small towns and district centers. p. 7.
Sheffor, A. - Membrane apparatus for freezing curd. p. 9.
Shalkevich, A. - Mechanization of separator sections. p. 15.
Agafonov, P. - Equipping plants of the Chernovisy Trust. p. 19.
Voloshin, L. - Some problems in the organization of power engineering. p. 20.
Nikulichev, P., Vladimirov, I. - Consistency of butter produced by the continuous-flow system. p. 21.
Sinitsina, M. - Production and assortment have been increased. p. 23.
Sorgeev, B. - In the "Milk Plant" pavilion. p. 24.
Semashko, A. - Construction and reconstruction of buildings and equipment on bank credit. p. 26.
Malinauskas, N. - Shortcomings in the planning and construction of the Vilnius plant. p. 28.
Vovchenko, M., Kulebiakin, A. - Economic effectiveness of consolidated enterprises. p. 29.
Mazokhina, N. - A new kind of canned dairy product called "curd dumplings in sour cream." p. 31.
Belousova, N., Gibshman, M. - Disinfection of industrial premises by ultraviolet rays. p. 32.
Mikhailik, P., Nian'kovskii, L. - Reconstruction of a steam generator. p. 34.
Protsenko, A. - Mechanized feeding of coal into an external boiler furnace. p. 35.
Consultation. p. 37.
Letters from plants. p. 38.
Bibliography. p. 40.
Foreign experience. p. 41.
Fedotov, N. - More about the work of the courses. p. 46.
Brief news. p. 47.
New books. p. 47.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PTITSEPROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE POULTRY INDUSTRY. Transactions]. Vol. 5, 1954. Tekhnologiia ptitseproduktov i promyshlennoe ptitsevodstvo [Technology of poultry products and industrial poultry raising].

Table of contents translated:

[illegible], L. I., Pankrat'ev, G. V. - [illegible]oby machinery in summer. p. 4.
[illegible]vo, A. A. - Use of substances [illegible] in machine

[illegible]

[illegible] slaughtering methods on the condition of the carcasses. p. 51.
Tikhomirov, A. E., and others. - Mechanization in the slaughterhouse processing of rabbits. p. 54.
Pankova, F. I., Starikova, L. P. - Optimum condition for drying egg white and yolk. p. 61.
Kustova, L. I., Gorizontova, E. A., Krasnitskaia, K. M. - Qualitative changes in poultry meat during cold storage. p. 67.
Podlegaev, M. A., Pankova, F. I., Liutikova, P. O. - Effect of storage conditions on the quality of dried egg products. p. 78.
Kodratiuk, N. D., Burmistrov, P. A. - Productive reserves of the poultry processing industry according to registration records. p. 86.
Pigarev, N. V., and others. - Comparative study of methods applied in rearing young chickens for renewing the flock of caged layers. p. 90.
Pigarev, N. V. - Standard rations for caged layers. p. 99.
Kondratiuk, N. D. - Economic operation of poultry plants. p. 106.
Shchennikov, S. T., Petrovskaia, E. A. - The role of general and specific preventive measures in controlling infectious laryngotracheitis of chickens. p. 114.
Petrovskaia, E. A. - Sinusitis in turkeys. p. 132.

(DA)

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:
Vital problems in game management. p. 3.
Liverovskii, A. - Reorganize hunting. p. 6.
Osipov, P. - Fifty years of commercial hunting. p. 8.
Nesmeianov, A. - Our best hunter. p. 8.
Bulota, A. - Hunters of Soviet Lithuania. p. 9.
Dolin, M., Stoliarov, N. - In the interest of protecting forest fauna. p. 11.
Khnychev, A. - Effective measures are needed. p. 12.
Trofimov, S. - Village museum. p. 13.
Beliaev, I. - In forests of Mogilev Province. p. 14.
Kolesnik, P. - Anatolii Fedorovich Kuznetsov. p. 15.
Naprienko, V. - In the district hunting society. p. 16.
Kiselev, V. - Poachers' "kettle." p. 17.
Dobychin, K. - Poaching foresters. p. 18.
Larionov, V., Chel'tsov, A. - River ducks. p. 19.
Zharkov, I., Krinitskii, V. - Ways of restoring the population of river beavers. p. 23.
Rozanov, M. - Experiments in growing wild rice. p. 25.
Turov, S. - Stuffing birds. p. 27.
Poponov, N. - Dogs for tracking burrowing animals. p. 30.
Chumakov, A. - Fake points of pointing dogs. p. 33.
Zotova, G. - Rickets in puppies. p. 34.
Parshin, A. - In defense of borzoi's. p. 35.
Marin, A. - Restore the contract system for dogs. p. 36.
Uraev, I. - Why have the Eskimo dogs been neglected? p. 36.
Malei, IA. - Improving the effectiveness of shotguns. p. 37.
L'vov, L. - Cartridge belts for commercial hunters. p. 38.
Cherkai, S. - Testing closing plugs. p. 39.
Permitin, Efim. - A hunter's heart. p. 41.
Babakov, G. - Hunter. p. 47.
Barbusse, Henri. - Deer hunting. p. 48.
Tomachek, IAromir. - Under spring skies. p. 51.
Gepner, V. - A valuable inhabitant of the taiga. p. 53.
Bogoslovskii, N. - In forests of Vladimir Province. p. 53.
The force of habit. p. 54.
Kozlovskii, A. - "Forest and hunting." p. 54.
Kaplin, A. - Hunting in England. p. 55.
Kozlov, N. - Among Kimry hunters. p. 58.
Antipin, V. - New findings on the migration of red-breasted geese. p. 58.
Baranov, A., Safronov, M. - Military hunters destroy wolves. p. 58.
Guliaev, L. - Prohibit the hunting of capercaillies. p. 58.
Immadze, G., Mantelfel', P. - Strange behavior in dogs. p. 59.
Stel'makh, I. - The plan has been exceeded. p. 59.
IAtsyna, A. - A hawk failure. p. 59.
Brief news. p. 60.
Glinternik, E. - All-Union competition in skeetshooting. p. 61.
Answers to the questions from readers. p. 63.
Turov, S. - Calendar for hunters. p. 64.

OVTSEVODSTVO [SHEEP BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:
Let's speed up the procurement of feeds. p. 1.
Rudenko, P. A. - Develop in every way possible the breeding of fine-fleeced and semifine-fleeced sheep on the state farms of the Kazakh S.S.R. p. 3.
Elemanov, A. E., and others. - Let's raise the wool production of fine-fleeced Kazakh sheep. p. 8.
Khadzhinov, K. P. - Let's increase the productivity of TSigai sheep. p. 17.
Popova, V. M., Poslavskaia, E. S. - TSigai sheep in Uzbekistan. p. 20.
Zelenskii, G. G. - Effect of shearing goats twice a year in increasing wool production. p. 25.
Poliianskii, V. - Winter lambing at low temperatures. p. 29.
Kalinichenko, I. N. - How we raise the productivity of fine-fleeced sheep. p. 30.
Berezina, O. IA. - Technical grading of wool of the Priaral'ye strain of sheep. p. 37.
Bek, A. I. - New method for castrating full-grown rams. p. 40.
Kurganskii, V. M. - Sheep raising in Argentina and Uruguay. p. 42.

PCHELOVODSTVO [APICULTURE]. Organ of Ministerstva sel'skogo khoziaistva SSSR i RSFSR [Ministries of Agriculture of the U.S.S.R. and of the R.S.F.S.R.]. Moscow, vol. 33, no. 8, Aug. 1956.

Table of contents translated:
Timenskii, P. I. - Care of bees in the leading apiary of Stalingrad Province. p. 3.
Korchagin, M. I. - How leading beekeepers of Maritime Territory obtain high yields of honey. p. 6.
Rastegaev, A. D. - Wintering of bees. p. 11.
Beliaev, D. A. - Gradual change-over to keeping bees in two-story hives. p. 13.
Bevzo, E. A. - Quality of cells in a brood frame. p. 14.
Bilash, G. D. - Economic value of gray Georgian alpine bees and their hybrids. p. 16.
Combination feeder and watering device for bees. p. 24.
Kharcheva, A. I. - Effect of keeping conditions on changes in the reproductive organs of queens. p. 29.
Volke, I. - Multiple matings of queen bees during one mating flight. p. 32.
Ostrovskii, N. I. - Measures for protecting bees from poisonous chemicals. p. 37.
Trushkin, A. V. - Bee pollination as a means of increasing the yielding ability and improving the quality of cotton. p. 45.
Braines, L., Istomina-TSvetkova, K. - Controlling the flight of bees by reflected ultraviolet rays. p. 48.
Rak, S. I. - Our experience in sowing and bee pollination of buckwheat. p. 53.
Dead nettle. p. 54.
Iofrish, N. P. - Therapeutic properties of bee sting poison. p. 55.
Savina, K. A., Romanov, F. T. - Medicinal use of propolis. p. 59.
Medvedeva, T. - Can bee culture bureaus be responsible for veterinary conditions in apiaries. p. 61.
Chumakov, P. - Improve the quality of wax presses manufactured by the Taganrog plant. p. 61.
Rzhevskii, B. M. - Device developed by M. D. Orzhevskii for detecting honeydew in honey. p. 62.
Batrakov. - When will the supply of equipment for apiaries be regulated. p. 63.
Medkov, G. I. - Ripening tomatoes in bee hives. p. 64.
Noskov, P. A. - How a swarm of bees clustered on me. p. 64.
Brief news. p. 64.

PTITSEVODSTVO [POULTRY RAISING]. Organ of Ministerstva sel'skogo khoziaistva SSSR i RSFSR [Ministries of Agriculture of the U.S.S.R. and of the R.S.F.S.R.]. Moscow, vol. 6, no. 6, June 1956.

Table of contents translated:
Let's increase the production of turkey meat. p. 3.
Koltunovich, O. I. - Turkey raising on collective farms of Krasnodar Territory. p. 7.
Grigor'ev, N. N., and others. - Immediate tasks in the further development of turkey raising. p. 12.
Kalugina, N. V. - Raising turkeys in the Crimea. p. 14.
Negorozhenko, E. I. - Work experience of the Osokino State Poultry Farm. p. 15.
Kudriavtseva, F. V. - Turkey raising in Stalingrad Province. p. 17.
Kovalev, R. A. - Poultry raising on the "Chernovyi Shliakh" Collective Farm is progressing. p. 19.
Makhtiarov, Kh. A. - Achievements of a poultry farm. p. 20.
Kolobov, G. M. - Standardizing the vitamin supplement in poultry rations. p. 22.
Nikolaeva, A. M. - Duckweed as feed for waterfowl. p. 24.
Kovnatskii, IU. K. - Mechanized grading of eggs. p. 28.
Shevchenko, F. I. - Preparation of feed in poultry combines of the White Russian S.S.R. p. 30.
Koronnyi, A. V. - Use of synthomycin in treating pullorum disease of chicks. p. 31.
Kondratiuk, N. D. - Raising chickens in cages. p. 34.
Pozdniakova, T. A. - Field roosts. p. 37.
Brief news. p. 39.
Obituary. p. 48.

Vol. 6, no. 8, Aug. 1956.

Table of contents translated:
Raise agricultural science to the level of the new tasks. p. 3.
Tret'iakov, N. P., Savel'ev, I. K., Kurov, B. I. - Fundamental problems in developing poultry husbandry and increasing its productivity in Stavropol Territory. p. 8.
Sidorenko, I. M., Makarov, A. S. - Increasing labor productivity on mechanized collective poultry farms. p. 12.
Nakhlupina, N. E., Shapovalov, IA. IA. - Work practice in raising multipurpose chickens on the Kuchino State Poultry Farm. p. 15.
Ruus, TS. Kh. - Indirect indicators of egg production in geese breeding. p. 19.

Kalashnikov, A.I. - New chicken house for keeping hens in cages. p. 21.
Frolov, A.G. - New nest construction. p. 23.
Useful suggestion. p. 25.
Adminis, G.P. - Mechanical poultry feed grinder. p. 26.
Dement'ev, P.I. - Using crushed bones in poultry feed. p. 28.
Feoktistov, P.I. - Veterinary prophylaxis in the selection of maternal poultry stock. p. 29.
Krasnitskaia, K.M. - Ectoparasites of fowl and measures for controlling them. p. 32.
Koroleva, M.A. - Organizing poultry raising associations of workers and employees. p. 35.
Chernyshev, G.V. - Hyssop as green poultry feed. p. 37.
Baumanis, V.K. - Effect of supplementary sulfur feeding of chickens on the growth of feathers. p. 38.
Tikhomirov, A.E. - V.M. Abramova's "book." p. 40.
Pozdniakova, T.A. - Issue more posters on poultry husbandry. p. 40.
Valuable experience; regional conference of leading agricultural workers of Stavropol Territory. p. 42.
Poultry raisers of Stavropol; regional conference of poultry raisers. p. 44.
Increasing production in poultry husbandry. p. 45.

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Ministerstvo rybnoi promyshlennosti SSSR [Ministry of the Fishing Industry of the U.S.S.R.]. Moscow, vol. 32, no. 6, June 1956.
Table of contents translated:
Fishery research in the sixth five-year plan. p. 1.
Socialist competition among fishermen during the first quarter of 1956. p. 6.
Tikhonov, V.N. - Catching large saurel in the Black Sea. p. 8.
Riabukhin, M.V. - Catching of herring and sprat with a variable-depth trawl drawn by the boats. p. 12.
Venkov, V.F., Solomonov, L.P. - Using a trawl drawn by two boats for catching German carp in shallow waters. p. 15.
Shan'ko, B.D. - Permanent bases and transport ships. p. 17.
Vershinin, A.A. - Greater use of control measuring instruments and automatic regulators in the industry. p. 24.
Klement'ova, E.K. - Freezing hot smoked fish. p. 26.
Zhukovskii, P.G. - Effect of mustard phytoncides on lengthening preservation periods of hot smoked fish. p. 28.
Konstantinov, K.G. - Haddock fishing in Barents Sea. p. 31.
Gastev, S.P. - Pay more attention to problems of improving the material and equipment supply system of the industry. p. 34.
Bezdonezhnykh, P.G. - Using ground basins in the Aral' Fish Hatchery for spawning roach and carp. p. 38.
Irikhimovich, A.I., Zelenin, A.M. - Method of individual research on breeder fish. p. 40.
Protasov, A.A. - Biotechnics of long maintenance of Kura breeder salmon in river channel nursery ponds. p. 42.
Troitskii, S.K. - Positive effect of damming on the stock of vimba, in the Don River. p. 45.
Liamkin, A.P. - Helicopter transportation of nelma. p. 47.
Vel'tishchova, I.F., Soldatova, E.V. - Breeding daphnia in ground ponds in fish hatcheries. p. 49.
Al'pert, I.G. - Valuable initiative of leading production workers at the A.I. Mikoyan Fishery in Astrakhan'. p. 51.
Potrikhichev, N.A. - New method of sorting sprat for preservation. p. 56.
Tovbin, IA. A. - Benthonic fish catch in the North Atlantic by western European countries. p. 58.
Surkov, S.S. - Norwegian sealing in the Arctic and the North Atlantic. p. 60.
Moiseev, P.A. - Some data on Canadian fisheries. p. 62.
Zaitsev, V.P. - Cold storage installations and apparatus used in the Canadian fishing industry. p. 66.
Pavlov, E.G. - Freezing fish in an alginate solution. p. 73.
Measures taken by the Ruhr Industrialists' Union and the Association of Ruhr Hydrodevelopments to maintain the Ruhr River as fishery waters. p. 74.
Ravich-Shcherbo, IU. A. - Possibilities of using antibiotics in the fishing industry. p. 75.
Kiselev, I.V. - Index of girth as a basic indicator of the conformation of carp. p. 78.
Shishkova, E.V. - Study of fish sounds. p. 81.
Items from newspapers. p. 86.
Trade News. p. 87.
Marochkin, P.G. - Operation of ships equipped with fish pumping apparatus. p. 89.
Shuin, V. - In the advanced school for fishermen and fishery workers. p. 89.
Twenty-five years of the fishery consumers' cooperative. p. 91.
Brief news. p. 92.
Novskii, V.A. - New literature on fisheries. p. 94.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serila Molochnaia ferma [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on the Dairy Farm]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 8-10, Aug.-Oct. 1956.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serila Svinovodcheskaia ferma [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on the Swine Breeding Farm]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 9, Sept. 1956.

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 28, no. 6, June 1956. [In Ukrainian.]
Table of contents translated:
Stock a sufficient supply of hay. p. 3.
Lin, M.S. - Introduce the fundamentals of business accounting. p. 7.
Busiev, H.S. - Increase the production of beef. p. 11.
Shul'ha, H.M., Bazylevych, M.A. - Effectiveness of breeding "green ducks." p. 15.
Barabash, M.H. - More high-quality hay for farm animals. p. 18.
Rudenko, A.A. - Breeding work on a farm. p. 21.
Obrems'kyi, V.I. - Berezan' poultry plant. p. 24.
Samoilenko, H.V. - Prevention of barrenness in cows. p. 27.
Nosova'kyi, M.S. - Raising young bulls for breeding purposes. p. 28.
Lytvyn, S.H. - Important source for the production of supplementary feeding stuffs. p. 29.
Bazylevych, F.K., Shkabara, A.S. - Make wider use of the easiest methods in meadow improvements. p. 31.
Begai, S.V. - Postharvest sowings in Transcarpathia. p. 33.
Skyba, T.M. - Fattening hogs in summer. p. 35.
Miand, A.IE. - Most efficient equipment for the preparation of feeding stuffs on collective farms. p. 37.
Liubyns'kyi, IU.S. - Automatic waterer for hogs. p. 39.
Puzii, N.F. - Highly profitable branch. p. 43.
Malashenko, P.V. - Develop bee culture in every possible way. p. 46.
Holovnia, T.H. - Using nurse bees for increasing honey yields. p. 46.
Levenets', I.P. - Methods for increasing the yield of beeswax. p. 48.
But, V.I. - Significance of frequent flights of bees to flowering sunflowers. p. 49.
Chebotar'ov, R.S. - Strongylidosis in hogs. p. 50.
Drach, IE.M., Zinchenko, A.V., Kutsel', IE.M. - Using biogenetic stimulants. p. 52.
Bakhmet, K.O., Taran, P.F. - Hygienic conditions for summer maintenance of cows. p. 55.
Veinkova, H.I. - Artificial insemination of cows in England. p. 59.
Zhadan, I.I. - Practice that deserves to be followed. p. 61.
Scientific conference on the efficient breeding and maintenance of productive animals. p. 63.

Vol. 28, no. 8, Aug. 1956. [In Ukrainian.]
Table of contents translated:
For persistent application of practices of the participants in the All-Union Agricultural Exhibition. p. 3.
Pozdnokhyrin, F.D. - Production cos'- farms. p. 7.
Plishko, A.I. - Organization of swine "Chervonoi armii" State Farm. p.
Dudchenko, S.F., Spirin, K.F. - Effe ing hogs twice a day. p. 17.
Omel'ko, M.M. - My obligation will l p. 19.
Chabak, I.P. - Increase the productic
Kucherenko, Z.A. - Demonstration o animals at the exhibition. p. 24.
Vlasyr, D.P. - Organizing an inter-co station for artificial insemination.
Tomak, M.A. - Transportation of the record rams. p. 27.
Buhai, F.IU. - Our achievements won
Youth moves to the farms. p. 30.
Pshenychnyi, D.P. - Influence of diff animals on their growth and the q spring. p. 31.
Doroshenko, N.IA., Ivanenko, V.I. - S feeding of sheep during range fatte
Chuchko, H.P., Morozova, A.A. - Fa swine. p. 36.
Havryah, V.K. - Utilizing fresh corn
Kuznetsov, O.IA. - The best time for the suckling period. p. 40.
Aslanian, M.M. - For the extensive u ly rams. p. 42.
Kalmykov, K.V., Fishelev, IA, IU. - R p. 44.
Socialist competition between two fra p. 46.
Loiko, A.M., Riaboshtan, F.M. - The



geous method of water supply. p. 47.
Zakharchenko, V.V. - Reinforced concrete in the building of cow barns. p. 51.
Kolomiiets', IU.S. - Differential diagnosis of Rhinoestrus infection in horses. p. 53.
Tul'chyns'ka, V.P., Bilostots'ka, O.N., Fedotov, M.I. - Results of testing brucellohydrolyzate of new series. p. 55.
Protasov, A.L., Bol'shakova, A.V. - Tuberculosis of the udder. p. 57.
Koval'ov, A.P. - Measures for the prevention of barreness in cows. p. 58.
Matusevich, V.F. - New methods for watering and training calves. p. 62.
Hnedash, B.M. - Manual on the problems in sheep-breeding. p. 64.

SVINOVODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of Soviet Farms of the U.S.S.R.]. Moscow, no. 4, June 1956.
Table of contents translated:
For increased production and procurement of meat. p. 1.
Ternitskii, P.I. - Summer maintenance of swine and raising of young pigs in Western Siberia. p. 5.
Donets, N.E. - Raising large litters. p. 10.
Lebedev, A.A. - Comparative effectiveness of feeding meat-making and modified lard-making rations to swine. p. 12.
Leiko, I.I. - Putting food waste to use. p. 15.
Nazarenko, V.A. - Feeding swine meat-making rations containing various quantities of corn. p. 16.
Brantsis, K.K. - Feeding swine twice a day. p. 18.
Pocherniaeva, G.M. - Raising replacement pigs on rations of corn combined with green, succulent, and coarse feeds. p. 20.
Zafren, S.IA. - Ensiling ear corn. p. 22.
Topchu, I.D., Sokov, N.T. - From quarterly planning to monthly quotas. p. 26.
Burda, P.M. - Analysis of the work of the "Jašūnai" State Farm. p. 29.
Orlov, K.A. - Rotation breeding of swine. p. 33.
Babin, IA.A., and others. - Alimentary phosphoremias in swine. p. 38.
Chertov, P.N. - Automatic swine feeders. p. 41.
Volkopialov, B.P. - H.R. Davidson's book "Swine breeding." p. 43.
Lysogorov, V.I. - What the poster teaches. p. 47.

VETERINARIIA [VETERINARY MEDICINE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 33, no. 7, July 1956.
Table of contents translated:
Let us ensure proper veterinary and sanitary supervision of the preparation of animals for slaughter. p. 3.
Arkhipov, N. - Tasks of veterinary service on state farms in the sixth five-year plan. p. 8.
Ryzhenkov, L.I. - Veterinary service in Ramenskoye District, Moscow Province. p. 15.
Pikhoola, R.I. - Prophylaxis of noninfectious diseases in young animals. p. 20.
Zaitsev, N.V. - Achievements of veterinary science and practice at the All-Union Agricultural Exhibition. p. 24.
Starosel'skii, L.S. - Veterinary work at the Litvinovo State Farm. p. 36.
Korotkov, P. - Leading poultry farm. p. 39.
Zotov, A.P., and others. - Experimental induction and serological investigations of Q fever. p. 44.
Rostovtsev
mals an
Kor

of cattle and meat products by rail. p. 8.
Kovrigin, A. V. - Veterinary service in Moscow. p. 10.
Ginzburg, A. G. - Skillfully present leading veterinary service in the press. p. 16.
Ovakimian, P. K. - Veterinary service for animal husbandry in Shaumyana District. p. 22.
Lavrent'ev, P. A. - Treatment of theileriasis in cattle with haemosporidin and "ASD-F2." p. 25.
Trofimov, V. - Distribution of ticks of the genus Dermacentor. p. 28.
Taranov, M. T. - Latent forms of melanosarcoma. p. 29.
Gres', B. - New tables in veterinary surgery. p. 30.
Kudriavtsev, B. D. - Feather grass disease in sheep in Kazakhstan. p. 32.
Solov'ev, K. P. - Pincers for holding swine. p. 33.
Shutkin, M. A. - Immobilizing swine. p. 33.
Nikitin, E. E. - Effect of blood transfusion and blood substitutes on the composition of peripheral blood. p. 34.
Kolobolotskii, G. V. - Determination of meat contamination by the color and oxidation reaction. p. 36.
Poliakov, A. A. - Disinfection of food industry enterprises. p. 42.
Danilov, M. M. - Use of ultraviolet radiation in disinfection. p. 47.
Ginzburg, N. M. - Hygienic measures in cold storage warehouses. p. 54.
Shchennikov, S. T. - Veterinary and sanitation inspection of poultry carcasses. p. 57.
Pugovkina, A. A. - Veterinary-sanitation inspection of meat in Moscow markets. p. 60.
Savenko, V. F. - Meat inspection station in the central collective-farm market in Riga. p. 65.
Krapivner, L. M. - Some problems in veterinary and sanitary control in refrigirated transportation. p. 68.
Vikhor, A. F., Parshin, M. A. - Perhydrol method of decomposing samples of canned meat. p. 70.
Dobin, M. A., Epshtein, IU. F., Lapidus, S. S. - Work of a rendering plant in Leningrad. p. 71.
Poliakov, D. K. - Demodectic mange in cattle. p. 74.
Sosedov, P. O., Kudriavtsev, P. F., Noskov, A. I. - Use of antibiotics. p. 78.
Marvin, M. IA. - Deratization of farm animal houses. p. 79.
Nuraev, R. A., Laptev, V. I. - Use of mounted tank vessels in veterinary medicine. p. 80.
Botanical toxicology. p. 81.
Bashkirov, A. A., Malakhov, N. V., Bakulov, I. - Aspects of using corn as feed. p. 82.
Cherniak, V. Z. - Hemolytic disease in newborn animals. p. 85.
Nazarenko, I. - Veterinary measures in animal husbandry in Holland. p. 89.
K. M. - Antibiotics in fattening pigs. p. 89.
In the Ministry of Agriculture of the U. S. S. R. p. 90.
In the Ministry of Agriculture of the R. S. F. S. R. p. 92.
Through the Soviet Union. p. 93.

ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 6, June 1956.

Table of contents translated:

Popov, I.S. - Protein problem in animal husbandry. p. 1.
Galochkin, I.T. - Development of beef cattle raising on the collective farms of Kazakhstan. p. 11.
Litavr, N.I., Makarov, A.P. - Pasture water supply in the semidesert and desert zones of Kazakhstan. p. 18.
Kudriavtsev, P.N., Slezkina, A.N. - Importance of controlled fattening of hogs. p. 23.
Elsukov, M.P. - Eliminate shortcomings in the seed production of forage crops. p. 28.
Pak, D.N., Novikov, M.S. - Special features of the breeding of highly productive cattle in Piedmont p. 80.
Gonashvili, Sh.G. - Simple method for determining the sugar minimum in vegetable matter. p. 81.
Vsiakikh, A.S. - Organizing artificial insemination of cattle in Czechoslovakia. p. 83.
Pakhtusov, Z.I. - Animal husbandry in Sweden. p. 86.
Savin, Virgil. - Letter from Rumania. p. 93.
Maiorova, E.T. - Unsolved scientific problems in the feeding of farm animals. p. 94.

ZAGOTZHIVSYR'E, TSentral'naia nauchno-issledovatel'skaia laboratoriia. Trudy [ALL-UNION OFFICE FOR PROCUREMENT AND DISTRIBUTION OF LIVESTOCK PRODUCTS. Central Scientific Research Laboratory. Transactions]. Moscow, no. 1, 1955.

Table of contents translated:

Preface. p. 3.
Deikhman, E. K., Buzuk, N. P., Kochetova, O. V. - Essential characteristics of the wool of some new sheep breeds and strains. p. 5.
Zhitnikov, F. S., Gumileva, N. A. - Working out a method for taking average samples from a lot of unscoured wool for determining the yield of clean fiber. p. 55.
Deikhman, E. K., Buzuk, N. P., Mitrofanova, L. A. - Working out a method for faster determination of the yield of clean fiber from a selected sample. p. 91.
Blumental', S. E. - Working out unified standards for the moisture content of unscoured wool. p. 117.

c) FORESTRY

AKADEMIIA NAVUK BSSR, Minsk. Instytut lesa. Sbornik nauchnykh rabot po lesnomu khoziaistvu [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Forestry Institute. Collected Works on Forestry]. Minsk, no. 6, 1955.

Table of contents translated:

Perekhod, V. I. - Economic theories of forestry. p. 3.
IUrkevich, I. D., Lubinko, M. N. - Fruiting of Norway spruce in mixed pine-spruce forests. p. 18.
Zakharov, V. K. - New methods in studying the form of tree trunks and compiling tables of volume and taper. p. 29.
Nesterovich, N. D., Chekalinskaia, N. I. - Seedlings of introduced conifers in the nursery of the Woody Plants Department of the Botanical Garden of the White Russian Academy of Sciences. p. 47.
Mishnev, V. G. - Interrelation of tree varieties in derivative-type oak dominant spruce-hornbeam forests. p. 161.
Freiberg, I. A. - Willows as a means of preventing the shoaling of rivers. p. 178.
Boiko, A. V. - Effect of improvement cuttings in mossy spruce-red bilberry forests on the soil humus content. p. 184.
Komarov, IU. M. - Mechanized turning-over and breaking of furrow slices in small-scale forest improvements. p. 194.
Maiakov, L. P. - Growing seedlings of the Norway maple without previous stratification of seeds. p. 206.
Perekhod, V. I., Ginzburg, G. A. - Changes in the extent of forests in the White Russian S. S. R. during the last century. p. 59.
Budyka, S. Kh. - Characteristic features of forests of the Polesye Lowland. p. 73.
Smoliak, L. P. - Natural regeneration of forests on upland swamps. p. 92.
Kostiukovich, N. I. - Average annual streamflow in connection with changes in the extent of forests. p. 109.
Nesterovich, N. D., Chekalinskaia, N. I. - How perennial lupine sown in interrows affects the growth of some woody plants. p. 128.
Morozov, V. F., Kazakov, G. I. - How forest plantations affect the increase of crop yields on adjacent fields. p. 134.

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Ministerstvo lesnoi promyshlennosti SSSR [Ministry of Forest Industries of the U. S. S. R.]. Moscow, vol. 34, no. 6, June 1956.

Table of contents translated:

Introduce progressive methods of management in logging operations. p. 1.
Gorbachevskii, V. A. - Truck trailers for transporting logs without skidding. p. 4.
Parfenov, G. M. - Transporting logs without skidding. p. 8.
Golubev, V. F., Popov, L. N. - Instrument surveying of felling areas. p. 10.
Krasnoshchekov, A. - The new TM-1 theodolite. p. 11.
Poberezhnyi, N. K. - Corridor-type logging decks. p. 12.
Bokii, N. E. - Practice in the mechanized laying of logging spurs. p. 13.
Kalashnikov, P. M., Svinoburko, V. A. - Construction of portable structures for log-hauling roads. p. 14.
Zakharov, T. Z., Trusov, V. P. - Equipping flatcars for gravel hauling. p. 16.
Lakhtanov, G., Chebotarev, I. - Log rafting on the Great Volga. p. 17.
Shpalkher, A. D., Shirokov, A. N. - First experiments in using pyramid-shaped holding booms. p. 20.
Sergutin, V. - Cable dams in breaking up log jams on mountain rivers. p. 21.
Obraztsov, S. A. - Ways of increasing the productive capacity of sawmills. p. 23.
Senchurov, K. T. - Production and export of lumber in capitalist countries in 1955. p. 26.
Il'in, B. A. - Truck transportation of lumber in the U. S. A. p. 26.
Brief news: First Conference of graduates of the Moscow Lumbering Institute. p. 30.
The contribution of science to production (technical information of the S. M. Kirov Lumbering Institute in Leningrad). p. 31.

Vol. 34, no. 7, July 1956.

Table of contents translated:

For more extensive mechanization of loading operations. p. 1.
Popov, V.A. - Plan for the further development of the lumbering industry. p. 4.
Leshkevich, A.I., Ratnovskii, A.E. - E-505 crane-excavator for loading logs. p. 8.
Osipenko, I.O. - Loading tree-length logs by the tractor-mounted crane developed by the Central Scientific Research Institute of Logging. p. 12.
Kapustin, V. - Bunching full-length logs at loading points. p. 14.
Chupakhin, E.V., Bilaniuk, P.M. - Efficiency measures at the Komsomolsk Logging Camp. p. 15.
Perfilov, M., Shoshin, N. - LTA-TSNIIME felling and skidding machine. p. 17.
Loginov, T.I. - Overcome technical backwardness in timber floating. p. 19.
Simson I. - Shielding blades of circular saws. p. 23.
Galas'ev, V.A. - In Swedish logging camps. p. 26.
I. Shch. - New bark-stripping machine. p. 30.
Mechanized loading and unloading of logs. p. 31.
New publications of the Central Bureau of Technical Information. p. 32.

Vol. 34, no. 8, Aug. 1956.

Table of contents translated:

Lumbering industry is among the most progressive branches of the national economy. p. 1.
Latko, M.V. - Develop lumbering in northern districts. p. 4.
Bochko, N.A. - Work experience of Ural logging camps with permanent crews. p. 8.
Shkarin, A. - Efforts of Sogozha loggers for progressive technology. p. 10.
Perfilov, M.A., Lazarev, M.F. - Cableway skidder for mountainous areas. p. 12.
Borisov, N.IA. - Providing loggers with prefabricated houses which they can put up themselves. p. 16.
In the "Forest Industry" pavilion. p. 18.
Reutov, IU.M. - Making up sectional rafts inclosed by chain booms. p. 19.
Sviridov, A., Sedov, F., Riazanov, V. - Logging barges with gravity unloading. p. 21.
Zhomchuzhnikov, P.P., V.I. Shibalov. - Pneumatic unloading of logs from long conveyors. p. 24.
Borovoi, V.IA. - Lumber industry in Yugoslavia. p. 28.
Prokhorov, I.K. - Hardboard. p. 30.

LESNOE KHOZIAISTVO [FORESTRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 9, no. 6, June 1956.

Table of contents translated:

Forestry at the All-Union Industrial Exhibition. p. 3.
Grachov, A.P. - Furthering the natural regeneration of forests. p. 5.
Popov, L.M. - Using color photography in the aerial surveying of forests. p. 10.
Sysoev, E.P. - For efficient utilization of forest resources. p. 15.
Levitskii, I.I. - Willow thickets in the Lower Volga flood lands. p. 20.
Short review of articles received on forest types. p. 25.
Koldanov, V.IA., Pankov, A.K. - Soil conservation and erosion control are important tasks of the government. p. 30.
Molchanov, V.P. - Use of backfires for extinguishing crown fires and strong ground fires. p. 41.
Senkevich, A.A. - Establishing a working plan for mechanized working circles. p. 45.
Kocherga, F.K., Serikov, IU.M. - Mechanized terracing on mountain slopes in Central Asia and southern Kazakhstan. p. 52.
Vorob'ev, V.D. - Machine for making laths. p. 60.
Lebedev, K.E. - Scarifier for areas having uncleared stumps. p. 62.
Gudtsev, I.I. - Letters from the Votkinsk Working Circle. p. 64.
Nenarokomov, A.V. - Progressive Zolotonosha Working Circle. p. 70.
Alent'ev, P.N. - Corridor method in establishing oak plantations in the Shipov Forest. p. 73.
Turskii, M.K. - Seventh edition of "Forestry". p. 79.
Recent articles on the mechanization of forestry. p. 80.
Ponomarev, A.D., Zhukov, A. B., Gorshechnikov, V.I. -

Two weeks in the German Democratic Republic. p. 81.
Senchurov, K.T. - Acacia (Acacia mollis), a valuable variety for introduction. p. 86.
In memory of forester N.A. Kazanskii. p. 89.
Letters to the editor. p. 90.
Brief news. p. 95.

VSESOIUZNOE NAUCHNOE INZHENERNO-TEKHNICHESKOE OBSHCHESTVO LESNOI PROMYSHLENNOSTI I LESNOGO KHOZIAISTVA. Ukrainskoe respublikanskoe otdelenie. Sbornik [ALL-UNION SCIENTIFIC ENGINEERING-TECHNOLOGICAL SOCIETY OF FOREST INDUSTRIES AND FORESTRY, Ukrainian Republic Branch. Collected Papers]. Kiev, no. 1/2, 1954.

Table of contents translated:

Preface. p. 3.
Lavrienenko, D.D. - Essential problems in shelterbelt afforestation. p. 6.
Soldatov, A.G. - Growth of oak and ash in plantations of the Chernyi Les forest massif. p. 17.
Shlikhanov, L.D. - Obtain 90% survival in forest plantations and shelterbelts of state forest reserves and collective farms in 1954. p. 54.
Grimal'skii, V.I. - Planting black locust along gullies and on steep slopes of the Ukrainian S.S.R. p. 63.
Dykov, M.K. - Quality of the wood of Amur cork trees growing in the Ukraine. p. 72.
Magomedov, A.D. - Snow cover and thaw in the central forested part of the Desna River Basin. p. 76.
Dorokhov, I.P. - Intensity larch planting in the Ukraine. p. 81.
Bedernichek, O.P. - Powdery mildew, a widespread fungus disease of oak in shelterbelts. p. 86.
Melotkov, P.I. - Murine rodents, a scourge of Transcarpathian beech forests. p. 90.
Rudnev, D.F., N.F. Pashov. - Results of introducing in the Ukraine the method of using DDT and benzene hexachloride dusts to protect pine seedling roots from the larvae of scarabs. p. 94.
Borzakovskii, V.I. - Afforestation and forest improvement on sands. p. 107.
Golovashchenko, V.P. - Promoting the growth of oak in the first years and lowering the cost of growing forest crops. p. 120.
Dorokhov, I.P. - Work practice of the E.E. Priadko crew (Nezhin Working Circle). p. 127.
Bykov, M.K. - Correspondence courses for forestry and forest industry workers. p. 129.
Zotiukov, N.A. - Results of the afforestation of lower Dnieper sands. p. 132.
Pogrebnink, P.S. - Results and current tasks of the reclamation of lower Dnieper sands. p. 142.
Khristeva, L.A. - Using organic fertilizers for forest plantations on lower Dnieper sands and in districts in the vicinity of the Kakhovka Hydroelectric Power Station. p. 169.
Skripka, P.A. - Subtillage as means of deepening the root bed of pine in the afforestation of lower Dnieper sands. p. 182.
H'kan, G.M. - Vegetation on lower Dnieper sands and its effect on pine plantations. p. 194.
Zakharov, N.G., Revut, I.B., L.S. Dotsenko. - Results of experiments in stabilizing lower Dnieper sands with a bituminous emulsion. p. 206.
Rudnev, D.F. - Measures for controlling scarab beetles in the afforestation of lower Dnieper sands. p. 222.
Brief news. p. 242.

## d) PLANT CULTURE

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut zemledeliia. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Agriculture. Transactions]. Baku, vol. 3, 1955.

Table of contents translated:

Preface. p. 5.
Mustafaev, I.D. - History of growing grain crops in Azerbaijan. p. 9.
Safarov, I.S. - Further development of agriculture in the Azerbaijan S.S.R. p. 21.
Dekaprelevich, L.A. - Breeding work for improving local varieties and developing new varieties of winter wheat in Georgia. p. 29.
Abutalybov, M.G., Mardanov, A., Dzhangirova, Sh. - Effect of trace elements on the development and yielding ability of wheat in Azerbaijan. p. 37.
Radzhabli, I.D. - Brief results of experiments in vegetable and potato growing conducted by the Kusary Regional Experiment Station of the Agricultural Institute of the Azerbaijan Academy of Sciences. p. 49.
Akhund-zade, T.Kh. - Selecting components for grassland mixtures in the Nukha-Zakataly region. p. 67.
Ismailov, Kh.A. - Foliar feeding as means of controlling stripe rust in wheat. p. 77.
Zaitseva, P.S. - Effect of boron on the growth, development and yield of various potato varieties differing in wart resistance. p. 83.
Novruzova, Z.A. - Physical and mechanical properties of the wood of Caucasian alder. p. 91.
Ali-Zade, M.A. - Effect of watering on the growth and differentiation of tea buds and young shoots. p. 101.
Dadasheva, Sh.G. - Materials for studying weeds in cereal crops of the Nakhichevan' A.S.S.R. p. 113. (DA)

KARTOFEL' [POTATOES]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, no. 2, May-June 1956.

Table of contents translated:

Decisive period in the effort to obtain high potato yields. p. 1.
Linkevich, I.G. - White Russian machine-tractor stations and collective farms are striving for increased potato production. p. 4.
Luniak, S.S. - Potato growing on collective farms of Zhitomir Province. p. 7.
Lorkh, A.G. - Tasks for agricultural science in potato growing. p. 10.
Ivin, I.A. - Ways of increasing labor productivity in potato growing. p. 14.
Blinov, V.F. - Crew system of labor is a basic factor in obtaining high potato yields. p. 19.
Galonchik, I.Z. - Mechanized winning of peat for fertilizer. p. 20.
Tamman, A.I. - How to apply side-dressing fertilizers to potatoes. p. 23.
Il'in, V.F. - Growing potatoes on floodlands and peat soils. p. 26.
Gavrilov, A.M. - Vernalization of potatoes for summer planting. p. 28.
Fomin, E.E. - Causes of early wilting of potatoes in southwestern districts of the Ukrainian S.S.R. p. 31.
Vinogradskii, B.M. - Cultivation practices increasing the starch content in potato tubers. p. 33.
Borisov, B.M., Torshin, N.T. - Harrowing potato fields. p. 36.
Mel'nikov, V.A. - Make full use of combination cultivators-hillers. p. 38.
Gukailo, M.M., Adamov, I.I. - How we grow and breed high-quality potatoes. p. 42.
Favorov, A.M. - Pay more attention to growing seed potatoes in the South. p. 47.
Skibnovskaia, N.N. - Selecting economically valuable forms from Solanum tuberosum and Solanum demissum hybrids according to habit of growth. p. 51.
Rauz, S.G. - Growing seed potatoes in the Kazakh S.S.R. p. 55.
Shchennikov, I.A. - Potato growing in England. p. 57.
Rusakovskii, S.IA. - Followers of I.V. Michurin in France. p. 59.
Trokhimovskii, G.V. - Enlarged session of the Scientific Council. p. 60.
Nemchin, F.I. - Valuable experiment of Southern Ukrainian potato growers. p. 61.
Katkov, M.I. - Optimum irrigation conditions for potatoes in the southern steppe of the Ukrainian S.S.R. p. 62.

KHLOPKOVODSTVO [COTTON GROWING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 6, no. 7, July 1956.

Table of contents translated:

Cherkasskii, M., Zybin, V. - Go deeper into the economy of cotton-growing collective farms. p. 1.
Razzakov, I. - For further development of cotton growing in Kirghizia. p. 6.
Polozov, I. - Basic achievements of leading cotton-growing collective farms of the Uzbek S.S.R. participating in the All-Union Agricultural Exhibition. p. 11.
Normatov, A. - Our amendments to the regulations of the agricultural artel. p. 13.
Gubaev, R. - Some problems concerning work organization on state cotton farms. p. 17.
Volkov, K. - How cotton is grown on the best collective farm of Uzbekistan. p. 20.
Sokolov, F. - Subsoiling of irrigated cotton fields. p. 25.
Romanov, I. - Experiments in fertilizing cotton with liquid nitrogen fertilizers. 30.
Golodkovskii, V. Azimov, Kh. - Determining the irrigation requirements of seed alfalfa. p. 34.
Grigorian, G., Melkumian, G. - Growing alfalfa as a stubble crop. p. 36.
Karagozian, S. - Growing the 108-F cotton variety in Armenia. p. 37.
Golovan', M., Kruglyi, I. - New data on combined machine-sulfuric acid delinting of cottonseed. p. 39.
Kolomeitsev, A. - Vital problems in the over-all mechanization of cotton growing. p. 41.
Popov, N. - System of machines for over-all mechanization of harvesting. p. 45.
Rodichev, S. - Drying and cleaning units in cotton plants and the first findings on their work. p. 52.
Ch'en Yü-ting. - Perennial cotton in southern China. p. 56.
Lowering the amount of labor, materials, and money expended in cotton growing. p. 58.
Letters from our readers, Brief information, New Books. p. 60.

LEN I KONOPLIA [FLAX AND HEMP]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of Soviet Farms of the U.S.S.R.]. Moscow, no. 5, July 1956.

Table of contents translated:

Highly productive use of equipment is the basis of successful harvesting. p. 1.
Koval'chuk, P.P. - For a further expansion of flax raising in White Russia. p. 5.
Beloborodov, A.A. - Higher production of flax with lower outlays for labor. p. 10.
Mel'nikov, M.S. - Carefully train experts in flax growing. p. 14.
Chevzhik, A. - Clover is the best crop to precede flax. p. 19.
Sidorov, A. - Growing ambary hemp in the Lower Chuya Valley. p. 21.
Orlov, V.T. - Advantages of dew retting and water retting of freshly-pulled flax straw. p. 23.
Poperekov, M.F. - Seed growing system and varietal rotations of fiber flax. p. 26.
Smekhov, A.V., Panchenko, I.A. - Work practice in operating the flax combine. p. 29.
Ryvlin, A.B. - Why are hemp seed yields low. p. 32.
Andriushchenko, I., Gorininov, P. - Threshing hemp with the C-4 combine. p. 34.
Riabtsev, V.N. - Cleaning flaxseed with the grain cleaner. p. 35.
Lednev, N.P., Razumovskii, I.I. - From dew retting to water retting. p. 37.
Tikhonovich, V.IA. - Improved retting ponds increase the returns in hemp growing. p. 40.
Stroganov, F.F. - Seed flax stems for fiber. p. 43.
Important conditions for increasing the production of flax; from work practice in flax growing in the German Democratic Republic. p. 48.

SAD I OGOROD [HORTICULTURE]. Organ of Ministerstva sel'skogo khoziaistva SSSR and RSFSR [Ministries of Agriculture of the U.S.S.R. and of the R.S.F.S.R.]. Moscow, no. 6, June 1956.

Table of contents translated:

All-Union Agricultural Exhibition of 1956. p. 3.
K.A. Timiriazev and I.V. Michurin. p. 6.
Bolik, V.F. - Twenty-five years of work of the Dykovo Vine Crop Experiment Station. p. 8.
Chubov, T.F. - Growing vine crops is a highly profitable branch of agriculture. p. 11.
Bespiatkina, V.F. - More vegetables for city workers. p. 14.
Fedorenko, K.F. - Out of touch. p. 17.
Dikii, S.P. - Summer planting of eggplant and pepper. p. 19.
Gonchar, A. - Make use of all capacities to increase the production of high-quality seeds. p. 20.
Solivanova, O. - We are organizing production centers for common cabbage seeds. p. 23.
Reznichenko, A.V. - Processing vegetables and fruit on the collective farm. p. 24.
Blinchevskii, M.Z. - Processing the storage of vegetables on the collective farm. p. 26.
Gorbunov, V. - Mat-making machine. p. 28.
Kleshchevich, N.F. - Substitute for Bordeaux mixture. p. 29.
TSvetaeva, E.M. - Soilless cultivation of plants. p. 30.
Mordkovich, M.S. - Methods for processing garden rhubarb. p. 32.
Nazarov, S.A. - New vine crop varieties. p. 33.
Professor V.I. Edel'shtein; on his 75th birthday. p. 34.
Okorokova, E.A. - Demonstration of I.V. Michurin's methods at the All-Union Agricultural Exhibition. p. 35.
Iakol'dskaia, R.B. - Carrying out budding in an organized manner. p. 38.
Seridko, A.M. - Negligence in the use of regionally adapted species and varieties by the nurseries of the Ukrainian S.S.R. p. 41.
Epil'rand, V.L. - Twenty-eight thousand five hundred young fruit trees per hectare. p. 43.
Gurgenidze, M.G. - How to increase the germinating power of stone fruit seeds. p. 45.
IAtsyna, A.S., and others. - A question raised in good time. p. 46.
Volkov, V.F., Diadechko, N.P. - Yellow Trichogramma in the control of the codling moth. p. 51.
Shevchenko, V.A. - Apple breeding in Siberia. p. 53.
Lobanov, G.A. - Trubchevsk pears. p. 54.
Duka, S.Kh. - Promising strawberry varieties. p. 55.
Batalov, V.V. - Improving clones of fruit plants. p. 56.
Shcherbakov, P.M. - Fruit culture in Ishimbay. p. 57.
Žitkienė, B.D. - Preparation of juices rich in vitamins. p. 58.
Zakhar'evich, M.P. - The flatheaded borer is a pear-tree pest. p. 59.
Koroleva, N.I. - Use of some vegetable insecticides. p. 60.
Rogova, T.I. - New preparations for aphid control. p. 61.

Gorlacheva, E. P., Beliakova, M. B. - Measures for controlling the red apple mite. p. 62.
Zass, E.K. - Time for controlling the first generation of the endemic moth. p. 62.
Pilipenko, N. N. - Current problems in grape variety testing. p. 63.
Lenisova, V. - Raising large grape crops. p. 64.
Loladze, V. R. - Characteristic features of the planting stock of different varieties. p. 67.
Allakhverdiev, R. K. - The valuable Shirvan Shakhi grape variety. p. 68.
Alisova, A. I. - Hydrangea. p. 70.
Ignat'eva, I. P. - Propagating the oriental poppy by root cuttings. p. 73.
Brief remarks. p. 75.
Calendar for vegetable gardening, fruit culture, and viticulture. p. 76.
Medvedovskii, I. - Filmstrips. p. 77.
Readers' comments on our periodical. p. 78.
Zhivov, V. I. - Reference book for leaders of vegetable gardening crews on the collective farms of the non-Chernozem zone of the U. S. S. R. p. 79.
New books. p. 80.

No. 7, July 1956.
Table of contents translated:
Marenkov, M. N. - Get ready in good time for vegetable harvesting and procurement. p. 3.
Gorunov, N. M. - State farms before the vegetable harvest. p. 6.
Strukalin, M. I. - Let's grow more vegetables. p. 9.
Semenov, I. M. - Pay more attention to vegetable gardening. p. 11.
Snyiko, A. I. - Make wider use of irrigation in central Kulunda. p. 13.
Samarin, P. I. - Weed control. p. 15.
Seniushkin, A. E. - New small-fruited tomato varieties for mechanized harvesting. p. 18.
Belik, V. F. - Attachment for mechanized harvesting of vine crops. p. 21.
Androsik, A. S. - Storing vegetables in surface silos and trenches. p. 23.
Katarzhin, M. S. - Mechanizing the processing of eggplants for seeds. p. 26.
Markov, V. M. - Determining the ripeness of watermelons by the specific weight. p. 27.
Smorodin, I. I. - Mechanized cleaning and sorting of onion seeds. p. 28.
Frank, M. - Seed growing in Belgorod Province. p. 29.
Sidorovnina, E. P., Koval'kov, F. V. - Tomato gall mite and its control. p. 31.
Ignat'ev, B. D., Vanek, I. IA. - Preventing harvest losses. p. 32.
Zemlina, A. G. - Orchard of the Lazo Collective Farm. p. 33.
Gorin, T. I. - Combined method for the irrigation of orchards. p. 35.
Il'inskii, A. A. - Effect of irrigation on the setting of fruit buds in strawberries. p. 38.
Trusevich, G. V. - Practical testing of apple graftstock in Krasnodar Territory. p. 39.
Dmitriev, G. D., Nikishin, K. G. - Work practices of the Skreblovo State Farm in growing planting stock. p. 44.
Zemlianov, V. N. - Apple stocks. p. 46.
Popov, V. N. - Apple plantations for seed. p. 48.
Sokolov, V. M. - When to prune frost-injured fruit trees. p. 50.
Tuplisyn, D. I. - Restoring frost-injured orchards. p. 53.
Khatipov, Sh. E., Khatipov, A. E. - Pruning frost-injured fruit trees. p. 56.
Bulgakov, M. V. - Summer pruning of frost-injured trees. p. 58.
Umnov, M. P. - Chinese leaf roller species and the danger of importing them into the U. S. S. R. p. 59.
Zotsenko, L. N., Zhigal'tseva, M. I. - Controlling the adult stage of the fruit-tree leaf roller. p. 61.
Krylova, A. S. - Measures for controlling fruit mites in the Crimea. p. 62.
D'iakonov, V. F. - Using cattails for tying grafts. p. 63.
Rudnitskii, A. N. - The Opata cherry plum in Kirov Province. p. 63.
Bashirov, F. B. - Get ready to harvest an abundant grape crop. p. 64.
Gaprindashvili, G. V., Dondzhashvili, I. M. - Leading grape-growing collective farm. p. 66.
Kol', V. M. - Speeding up the fruiting of grapevine. p. 69.
Gogiia, N. G. - Growing grape planting stock. p. 71.
Chugunova, Z. E. - Floriculture in Yakutsk. p. 72.
Pashkevich, V. - Black locust. p. 74.
Limik, E. P. - Method for rooting cuttings in artificial mist. p. 75.
Calendar for vegetable gardening, fruit culture, and viticulture. p. 76.
Nabokov, S. I. - Device for picking fruit from the top branches. p. 77.
Polomeev, V. A., Sidorov, V. IA. - Poor execution of good projects. p. 78.
New books. p. 79.
Tsvetaeva, E. M. - Bibliographical information on vegetable gardening. p. 80.

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINEMAKING IN MOLDAVIA]. Organ of Ministerstvo sel'skogo khoziaistva and Ministerstvo promyshlennosti prodovol'stvennykh tovarov Moldavskoi SSR [Ministry of Agriculture and Ministry of the Food Products Industry of the Moldavian S. S. R.]. Kishinev, vol. 11, no. 3(63), May-June 1956.
Table of contents translated:
Editorial: Raise more fruit and grape transplants. p. 1.
Kroitoru, V. A. - Winners in competition. p. 3.
Chemberdzhi, IA. S. - High-quality transplants will be raised for new vineyards. p. 5.
Sturdza, N. I. - We are expanding the acreage of orchards and vineyards. p. 7.
Turianskii, G. F. - How to tie arms and shoots of grapevines to trellises. p. 8.
Dobrovol'skii, M. P. - Rejuvenation of old vineyards. p. 10.
Chernopashchenko, IU. K. - How to prune Rkatsiteli grapes. p. 12.
Kravchenko, V. A. - Cultivation of the Plaval grape. p. 13.
Spirin, M. I. - From the experience of an agronomist-horticulturist. p. 15.
Koltunov, V. F. - How to improve the quality of transplants. p. 16.
Rybak, L. E. - Cultivation of interrows in orchards. p. 19.
Maslov, V. IA. - Vegetative variation in cherries. p. 23.
Petroslan, A. A. - Selection of apricot hybrids. p. 25.
Il'inskii, A. A. - New varieties of strawberries. p. 28.
Kirilliuk, K. G. - Let's establish high-yielding and long-bearing orchards. p. 30.
Penionzhek, S. A. - Horticulture in Holland. p. 32.
Ivanova, E. B. - Fertilization of grape by pollen of stock-vine varieties. p. 34.
Mel'nik, S. A., Anisimova, V. K. - Effect of tendrils on the quality of grapes. p. 37.
Mikhailiuk, I. V. - Biological regularity in the number of fruit buds. p. 40.
Loladze, V. R. - Dates of sowing and the development of seedlings. p. 44.
Kalugina, G. I. - Production of semisweet wines in Moldavia. p. 46.
Prostoserdov, N. N. - Theory of alcoholic fermentation applied in wine making. p. 49.
Bondarev, M. V., Shpritsman, E. M. - Method for faster determination of alcohol in winery wastes. p. 50.
Rudnev, N. M. - What a primary winery should be like. p. 52.
Lukashevich, P. K. - Mechanized filling of portable sprayers. p. 54.
Shevchuk, I. P., Makarenko, P. P. - Economic aspects of horticulture in Slobodzeya District. p. 56.
Shcherbakov, V. V. - How to control gall mites on plums. p. 60.
Conference of agronomists fruit growers and viticulturists of machine-tractor stations. p. 62.
"Ampelography of the U. S. S. R.": vol. 5. p. 64.
(DA)

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U. S. S. R. and Ministry of State Farms of the U. S. S. R.]. Moscow, no. 3, May 1956.
Table of contents translated:
For more extensive application of scientific achievements and advanced practices. p. 1.
Chernykh, A. M. - We shall fulfill the tasks assigned by the Party ahead of time. p. 6.
Apostoliuk, M. V. - We shall deliver 600 centers of beets per hectare. p. 7.
Mazlumov, A. L. - Let us supply collective and state farms with better beet seeds. p. 9.
Elagin, M. N. - What beet growers will have to show at the All-Union Agricultural and the All-Union Industrial Exhibition of 1956. p. 11.
Minimum crop yields required of participants in the All-Union Agricultural Exhibition. p. 19.
Expand the sugar-beet acreage and lower the production cost. p. 20.
Tkachev, S. K. - Higher production with lower labor and material expenditures. p. 22.
Nikolaev, M. E. - Checkrow system in growing sugar beets. p. 26.
Kurilko, N. A. - Differentiated density of plants per hectare. p. 30.
Vlasiuk, P. A. - Manganized superphosphate, a new fertilizer. p. 33.
Peterburgskii, A. V. - New aspects in the nutrition of sugar beets. p. 37.
Mikhailenko, E. A. - Two-layer placement of mineral fertilizers at the time of sowing. p. 41.
Semenova, Z. P. - Additional pollination of seed plants. p. 44.
Solovei, F. M. - Mechanized cultivation and harvesting of sugar beets in Czechoslovakia. p. 46.

No. 4, June 1956.
Table of contents translated:
In the Central Committee of the Communist Party of the Soviet Union and in the Council of Ministers of the U. S. S. R.: Measures for increasing sugar beet and sugar production. p. 1.
Doronina, M. Z. - What the first year of sugar beet growing taught us. p. 5.
Silin, D. M. - Beet growers of Vinnitsa Province strive for high sugar beet yields. p. 8.
Liashenko, E. G. - White Russia, a new sugar beet growing area. p. 11.
Khelemskii, M. Z. - Improve the quality of sugar beets in Kuban. p. 15.
Toncal', E. A., Kutsuruba, N. V. - Development of sugar beet growing in the Tatar A. S. S. R. p. 18.
Snyiko, A. I. - Special problems of sugar beet cultivation in Kulunda. p. 21.
Brovkina, E. A. - Liming soils with defecation slime. p. 24.
Pokhiliak, D. A. - Machine-tractor stations are an important factor in obtaining high yields. p. 27.
Klimenko, G. A., Mel'nik, A. K. - How we obtained high productivity with combine-type beet harvesters. p. 32.
Sevost'ianov, S., Eletskaia, L. - Cercospora-resistant sugar beet varieties. p. 36.
Seminar on the control of weevils. p. 37.
Parshikov, M. IA. - Special problems in sugar beet growing in France. p. 39.
Aleksandr Ivanovich Dushechkin; obituary. p. 40.

No. 5, July 1956.
Table of contents translated:
Exemplary preparations for harvesting. p. 1.
Kurchenko, V. E., Barvenko, D. G., Skliar, V. M. - Sugar-beet harvesting plan on the "Michurin" Collective Farm. p. 5.
Nikolenko, V. V. - High and stable yields can be obtained on soils in the Carpathian Mountain region. p. 11.
Linshits, M. A. - New procurement prices for sugar beets. p. 15.
Samsonov, A. E. - Improve the truck transportation of sugar beets. p. 19.
Sidorov, A. A. - Change the system of assigning working areas to crews. p. 23.
Fridman, S. E. - Results of foliar feeding. p. 25.
Kashtanova, Z. N. - Spacing from the point of view of nutrition and its effect on the quality of sugar beets. p. 28.
Kas'ianchuk, A. D. - Intertillage of sugar beets in the eastern part of the central Chernozem region. p. 31.
Lut, F. A. - Supplementary intertillage in humid beet-growing districts. p. 35.
Evsikov, F. A. - For more extensive use of cross cultivation in sugar-beet growing. p. 37.
Nogovskii, N. A. - Developing nonflowering sugar-beet varieties. p. 40.
Mazlumov, A. L. - A trip to Czechoslovakia and France; from a notebook. p. 42.
Vitavskii, I. M. "Sugar-beet cultivation practices on progressive farms of Central Asia and Kazakhstan." p. 46.
IAkovlev, V. - A poor poster. p. 47.

SELEKTSIIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U. S. S. R. and Ministry of State Farms of the U. S. S. R.]. Moscow, vol. 21, no. 2, 1956.
Table of contents translated:
Editorial: Resolutely reorganize the work of scientific agricultural institutions. p. 3.
Karpenko, M. P. - For further improvement of seed production. p. 8.
Bilakherova, R. M. - Carry out the certification of seed crops in good time and in an excellent manner. p. 15.
Sidorov, F. F. - Seed production of VIR double crosses of corn. p. 18.
Karunin, B. A. - Some problems in the production of perennial grass seed. p. 20.
Shcholokova, Z. I. - Corn hybridization using free selective fertilization. p. 24.
Malygin, IU. N. - Production of perennial lupine seeds. p. 29.
Chachin, V. - Organize a seed production crew on every large collective farm. p. 34.
Prutskova, M. G., Gurchenko, V. - New wheat varieties. p. 36.
Zhuk, IA. M. - Effectiveness of stage harvesting of grain in the southern regions of the U. S. S. R. p. 44.
Ul'rikh, N. N. - Using differential analysis to improve the condition of seeds. p. 47.
Godunova, K. N. - Characteristics of cultivation practices for various spring and winter wheat varieties. p. 51.
Kodanev, I. M. - Effect of harvesting time on the seed quality and chemical composition of barley. p. 56.
Petelina, N. N. - Using tetraploids in buckwheat breeding. p. 58.
Zakharchenko, S. A. - Grain thresher and winnower for breeding work. p. 60.
Malsurian, N. A. - Manual for seed laboratories. p. 63.

Vol. 21, no. 3, 1956.
Table of contents translated:
All-Union Conference of Agricultural Specialists. p. 3.

IUr'ev, V.IA. - Some methodological problems in breeding grain crops. p. 6.
Shulyndin, A.F., Pollyrev, E.M. - Formation of the yarovization stage in interspecific wheat hybrids. p. 11.
Kaloshina, Z.M. - Methods for determining the viability of seeds of winter grain crops. p. 16.
Martynov, V.M. - Variation in the main economically-valuable characters of the Lutescens 62 spring wheat. p. 21.
Petrova, Z.V. - New millet varieties. p. 27.
Pruiskova, M.G., Ukhanova, O.I. - Ul'yanovka, a valuable winter wheat variety. p. 31.
Godunova, K.N. - Carry out grain harvesting without losses. p. 36.
Shibaev, P.N. - Grain quality of northern wheats. p. 40.
Varenitsa, E.T., Biriukova, V.S. - Controlling weeds in foxtail millet fields. p. 44.
Kordo, T. - Experimental plant-breeding institutes participating in the All-Union Agricultural Exhibition. p. 50.
Pisarev, V.E., Zhilkina, M.D. - "Podmoskovnaya" corn variety. p. 51.
Mukhle, N.D. - Breeding agricultural crops in the German Democratic Republic. p. 54.
Conditions for procuring and purchasing certified seed grain. p. 59.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serlia Kartofel' i ovoshchi [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on the Potato and Vegetables]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 8-9, Aug.-Sept. 1956.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serlia Tekhnicheskie i maslichnye kul'tury [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on Technical and Oilseed Crops]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 9-10, Sept.-Oct. 1956.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serlia Zernovye i kormovye kul'tury [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on Grain and Forage Crops]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 9-10, Sept.-Oct. 1956.

UDOBRENIE I UROZHAI [FERTILIZERS AND CROPS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 1, no. 5, May 1956.

Table of contents translated:

Kovorkov, A.P. - Liming acid turf-Podzolic soils in the non-Chernozem region of the U.S.S.R. p. 3.
Kedrov-Zikhman, O.K. - Scientific principles of liming. p. 9.
Skvortsov, V.F. - Effect of early liming on the yield of perennials. p. 20.
Menkina, R.A. - Phosphorobacterin and conditions for its application. p. 25.
IAkovleva, V.V., Skvortsov, V.F. - How molybdenum effects the increase of clover yields on Podzolic soils. p. 29.
Rubashov, A.B. - Effect and aftereffect of fertilizers on corn yields on sandy soils of Polesye. p. 37.
Zaremba, S.A. - Using fertilizers on collective farms of Vologda Province. p. 42.
Ivanov, N.I., Filatova, A.I. - Fertilizers ensured high flax yields on the "Novaia Zhizn'" Collective Farm. p. 44.
Popov, N.V., Kukhovarenko, M.I. - How the "Krasnoe Solntse" Collective Farm strives for increased crop yields. p. 46.
Shevlakov, A.D. - Work experience of the Efremov Agrochemical Laboratory. p. 51.
Solov'ev, S.N. - Liming acid soils in some countries of the British Empire. p. 59.
Emel'ianov, F.V. - Instructive book on the use of bacterial fertilizers. p. 62.
Vyletnikova, O.P. - Conference on problems pertaining to bacterial fertilizers. p. 63.

Vol. 1, no. 6, June 1956.

Table of contents translated:

Teregulov, I.Kh. - Win more peat for fertilizer. p. 3.
Rusinov, I.F. - Mechanized winning of peat. p. 10.
Loiko, P.G. - Practice of the Bobruysk Machine-Tractor Station in the mechanized winning of peat. p. 19.
Borisevich, I.M. - Correct use of peat for fertilizer is a powerful factor in increasing crop yields. p. 23.
Bardadyn, I.F. - Winning and using peat for fertilizer on the "Pobeda" Collective Farm. p. 29.
Kalinkevich, A.F. - Regulating the yielding ability of corn by the application of fertilizers. p. 32.
Negovelov, S.F. - Methods of fertilizing and the effect of summer precipitations on corn. p. 36.
Semchenkov, G.IA. - Effectiveness of fertilizers applied to forage plants growing in flood-land meadows. p. 44.
Pavlov, I.P. - Effect of fertilizing on the content of food substances in meadow grasses. p. 48.
Novikov, A.I. - Mechanized spreading of liquid manure. p. 52.
Aleksandr Ivanovich Dushechkin; obituary. p. 57.
Kuziutkin, A.S. - Swedish experience in using fertilizers. p. 60.
Galenchik, I.Z. - Useful book on winning and using peat. p. 63.

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U.S.S.R.]. Organ of Glavnoe upravlenie vinodel'cheskoi promyshlennosti Ministerstva promyshlennosti prodovol'stvennykh tovarov SSSR [Main Administration of the Wine Industry of the Ministry of the Food Products Industry of the U.S.S.R.]. Moscow, vol. 16, no. 4(163), 1956.

Table of contents translated:

Popov, N.N., Burshtein, A.N. - "Wine Industry" pavilion at the All-Union Industrial Exhibition. p. 1.
Efficient technological plan for processing grapes. p. 5.
Korotkov, V.S. - Processing grapes at the Anapa winery. p. 6.
Gambashidze, A.K. - Improve the crushing and pressing equipment. p. 9.
Egorov, A.A. - Wines of the "Solnechnaia dolina" State Farm. p. 13.
Begunova, R.D., Zakharina, O.S., Chalenko, D.K. - Removing iron from wines by means of ionites. p. 14.
Kudriavtsev, V.I. - Which varieties of Saccharomyces are most suitable for wine making. p. 17.
Ferlman, V.K. - Determining the sugar content in sweetening liqueurs. p. 19.
Ekster, IA.E. - Polarographic method for determining furfurole in cognac. p. 21.
Rialchun, O.P. - Viticulture on mountain slopes. p. 25.
Zelenskii, M.A., Pilipenko, N.N. - Establishing plots for grape variety tests in the Ukraine. p. 29.
Safonova, A.M. - Accelerated training of grape vines. p. 33.
Shterenberg, P.M. - When to spray for the control of mildew in grapes. p. 35.
Alymova, V.A. - Can dinitrorhodanbenzene be recommended for the control of mildew in grapes. p. 38.
Levitskii, G.D. - New fungicides for controlling mildew in grapes. p. 39.
Ruzaev, K.S. - Viticulture on individual homesteads and Phylloxera in grapes. p. 41.
Kovalenko, Z.I. - Growing Central Asiatic grape varieties in Stalingrad Province. p. 42.
Tuman'iants, L.I. - In wineries of the Uzbek Wine Trust. p. 45.
Eremenko, A.S. - For further development of viticulture. p. 47.
Zhuk, IU.T. - Viticulture in Transcarpathian Province. p. 48.
Vechorek, E.IU. - How to operate plate heat exchangers. p. 49.
IAlimov, I.I. - Device for testing polyethylene corks. p. 52.
Petrenko, E.I. - Using polyethylene corks in tirage bottling. p. 53.
Siniaev, A.G. - Most efficient worker in the winery. p. 55.
Vacuum-bottling machine. p. 56.
Information. p. 58.
Svirida, V. - Economizing national resources. p. 63.
Literature on wine making and viticulture. p. 64.

ZEMLEDELIE [AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 4, no. 7, July 1956.

Table of contents translated:

All-Union Agricultural Exhibition of 1956
Nevzorov, A. - Seeding and planting exh
All-Union Agricultural Exhibition. p.
Baiko, V.P., Kotov, P.F., Skachkov, I
mental problems concerning the syste
culture in the central Chernozem zone
Traven', F.I. - Pay more attention to sh
forestation. p. 26.
Vorob'ev, F.K. - Chemical control of w
Usenko, V.V. - Postharvest crops in the
Drogalin, P.V., Glukhovskii, A.B. - Fo
winter wheat grown after sunflowers a
p. 45.
Prokopov, P.E. - Grasses in field crop
the White Russian S.S.R. p. 49.
Rushkovskii, T.V., Orlova, T.S. - Tim
up grass in the forest-steppe region o
ritory. p. 56.
IAnson, F. - Growing spring wheat after
grasses in Siberia. p. 60.
Petrov, G.I. - Sowing winter barley in p
p. 63.
Morgunov, N.I., Laptev, P.I., Zhenalov
Narrow-strip plowing in regions of ex
moisture. p. 67.
Kiseleva, E.N. - Treating seeds with me
fore sowing. p. 70.
Kulesnik, I.L. - Sowing winter wheat afte
Rodionov, V.A. - Grass mixtures in fora
tions. p. 77.

Salikov, P.A., Kashirina, A.V. - Growing winter rye in southeastern Kazakhstan. p. 82.
Fedoseev, B.V., Basov, V.I. - Mechanized harvesting of peas and vetch. p. 85.
Sokolov, N.S. - Chemical weed control in the United States. p. 96.
Vlasiuk, I. - Utilization of virgin and waste lands in the Chinese People's Republic. p. 102.
Chernikov, M.N. - Mustard buffer strips are an effective measure for snow retention. p. 104.
Geshele, E.E. - Harvesting methods determine the quality of seeds. p. 105.
Osipova, E.N. - Speeding up the mechanization of pulse crop harvesting. p. 106.
Voropaev, I.G., Rogozheva, M.F. - Mechanized harvesting of pulse crops. p. 107.
Fedoseev, B.V. - Harvesting unevenly ripening crops. p. 108.
Materikina, E. - Controlling weeds in millet fields. p. 109.
Prodan, T. - Harvesting in good time is a means for controlling weeds. p. 110.
Kuvika, Z.S. - Ragweed in Krasnodar Territory. p. 112.
Bocharova, A.A. - Effect of plowing depth on the weediness of soil and corn stands. p. 114.
Sergeev, P.A. - Foliar feeding of red clover. p. 115.
Morozov, V.A. - Results of studying surface dressing. p. 117.
Grachev, M.A. - Shortcomings of the book "Irrigation of agricultural crops." p. 119.
Mikharev, V.A. - "New" methods for determining seeding rates for grain crops. p. 122.
Nesterenko, G.A. - Results of the conference-seminar on the establishment of perennial cultivated pastures. p. 125.

## 16. TECHNOLOGY

### a) GENERAL

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences]. Moscow, no. 6, June 1956.

Table of contents translated:

Ishlinskii, A.IU. - Slippage in the contact zone in rolling friction. p. 3.
Arutiunian, N.Kh., Chobanian, K.S. - Considering creep in calculating the torsion of prismatic bars composed of various materials. p. 16.
Grigoliuk, E.I. - Minor vibrations of thin elastic conical shells. p. 35.
Nikol'skii, E.N. - Strains and stresses in cylindrical shells and thin-walled bars having nonbuckling profile cross-sections. p. 45.
Chernyi, G.G. - Twisted flow of compressed gases in ducts. p. 55.
Romanov, A.G. - Investigating heat exchange in a dead-end duct under natural convection conditions. p. 63.
Dyban, E.P., Kondak, N.M., Shvets, I.T. - Comparative investigation of the cooling of gas turbine disks in radial flow and in air blow through working blade bases. p. 77.
Karavaev, N.M., Maikop, V.P. - Method for determining heat loss coefficients in porous-material layers. p. 89.
Krukovskii, V.K. - Temperature field in heating coal by electric current. p. 101.
Bondarenko, S.T. - Expansion of the conducting chan-

M. T. Huber. p. 172.
Ivanova, V. S. - Ivan Avgustovich Oding; on his 60th birthday. p. 174.
Academician Vasilii Petrovich Nikitin; obituary. p. 176.

No. 7, July 1956.
Table of contents translated:
Lipkind, M.S. - Higher harmonics of even frequency multiples in long transmission lines. p. 3.
Persianov, R.A., Shchukin, B.K. - Increasing the rapid action of impulse-selector devices. p. 17.
Murashov, I.I. - Increasing precision in the manufacture of instruments. p. 25.
Finkel'shtein, R.M. - Rigidity of thin-walled circular cylindrical shells. p. 37.
Egupov, V.K. - Three-dimensional rigidity of complex roof and hull-type structural frames. p. 43.
Belotserkovskii, S.M. - Representation of non-stationary aerodynamic moments and forces by means of coefficients of rotational derivatives. p. 53.
Dul'nev, G.N., Kondrat'ev, G.M. - Generalized theory of regular thermal conditions. p. 71.
Lavrov, F.A., Sprintsina, E.N. - Combustion with knock in compression-ignition engines. p. 86.
Kazarnovskii, D.S. - Intercrystalline and volumetric diffusion of manganese in iron. p. 94.
Kornilov, I.I., Priakhina, L.I. - Composition and heat resistance diagrams for Ni-Cr-Ti ternary system alloys. p. 103.
Savitskii, E.M., Tylkina, M.A., Turanskaia, A.N. - Investigating the recrystallization of the titanium and its alloys. p. 111.
Rabinovich, B.N., Chizhikov, D.M. - Investigating the intersolubility of titanium and lead at temperatures of 600, 700 and 800° C. p. 114.
Zaitseva, S.P., Plaksin, I.N. - Investigating the effect of combinations of collectors on their absorption by copper, silver and gold-silver-copper alloy. p. 117.
Klassen, V.I., Kochanova, L.A. - Interaction of polar flotation agents and carbons. p. 121.
Zonova, Z.T. - Tar extracted from oil shales from Obshchiy Syrt. p. 124.
Barenblatt, G.I. - Expansion of the conducting channel during the processing of solid mineral fuel by electric current. p. 125.

No. 8, Aug. 1956.
Table of contents translated:
Shestopalov, V.P. - General solution of the problem for thermal boundary layers in diffusers. p. 3.
Lykov, A.V., Smirnov, M.S. - Investigating the kinetics of drying processes. p. 10.
Esin, O.A., Kir'ianov, A.K. - Iron ion transference numbers for liquid iron silicates. p. 20.
Sorokin, P.IA. - Evaporation of iron due to air blast in converters. p. 28.
Shchetinin, N.N. - Pure bending of beams with creep. p. 37.
Khalas, O. - Limit equilibrium of reinforced concrete plates. p. 42.
Fokht, A.S., Cherkasov, I.I. - Soil compaction in stamping and compression tests and their effect on soil mechanics data. p. 55.
Ivanov, P.L. - Characteristics of the fluidity of sandy water-saturated soils under conditions of compaction and drainage. p. 65.
Shal'nev, K.K. - Cavitation in hydrodynamics. p. 72.
Kurdin, N.S. - Approximate solution of a problem related to the pure plastic state of a disk. p. 117.
Grigoliuk, E.I. - Selection of the initial surface in the problem of nonuniform shells. p. 120.
Nisnevich, A.I. - Interaction of friction surfaces in mechanical wear processes. p. 122.
Sherstiuk, A.N. - Design of wing shapes for high subsonic speeds. p. 125.
Oreshkin, P.T. - Thermistors for high temperatures. p. 128.
Gushchina, L.S., Klebanov, G.N., Shorshorov, M.Kh. - Changes in the structure and mechanical properties of low-alloy steel near the seam line caused by fusion welding. p. 131.
Zot'ev, IU.A., and others. - Investigation of recrys-
[illegible]nium and its alloys. p. 136.
[illegible]oktev, S.M. - High-temperature
[illegible]reduction of fused iron catalysts
[illegible]sis of hydrocarbons from $CO_2$
[illegible]ikova, V.I. - Investigating the
[illegible] of xanthogenates on the surfaces
[illegible]ains. p. 140.
[illegible] D. - Evgenii Varfolomeevich
[illegible]5th birthday. p. 142.
[illegible]lushkevich; obituary. p. 143.

[illegible]onts translated:
[illegible]oximate investigation of conver-
[illegible]nonlinear automatic systems by
[illegible]monic linearization. p. 3.
[illegible]se of autovibration in systems
[illegible]gular coordinates. p. 24.
[illegible]perimental investigation of ther-
[illegible]austenite casings of gas turbines
[illegible]starting conditions. p. 31.
[illegible]roximate method for modeling
[illegible]nic processes for gas-turbine
[illegible]onov, A.I. - Interreaction equi-
[illegible]ickel and copper chlorides with
[illegible]elation between the mechanical
[illegible]atomic interaction in the crys-
[illegible]s. p. 55.
[illegible]reep in oval and variably walled
Kozhevnikova, M.K., Novozhilov, V.V. - Approximate theory of the hindered torsion of closed thin-walled rods accounting for distortions in the cross sections. p. 72.
Reut, V.I. - Three-dimensional strength of certain types of beam girders. p. 84.
Barenblatt, G.I. - Formation of horizontal fissures in petroleum layers subjected to hydraulic rupture. p. 101.
Mikeladze, M.Sh. - Supporting power of circular anisotropic cylindrical shells subjected to axially-symmetric loads. p. 105.
Matorov, A.V. - Theory of reserve elements in automatic systems. p. 108.
Timofeev, V.N., Uspenskii, V.A. - Convective heat exchange in gas fuel combustion. p. 111.
Shelechnik, M.M. - Preheating dispersed media by gas flow. p. 115.
Prosvirin, V.I. - Structural nonuniformity of austenite micrograins subjected to high temperatures. p. 117.
Plaksin, I.N., Khazhinskaia, F.N. - Collector effect of certain frothers during the flotation of sphalerite.
Levi, I.I. - On I.G. Egiazarov's article "Sediment transport capacities of open streams." p. 124.

BAKU. AZERBAIDZHANSKII INDUSTRIAL'NYI INSTITUT. Trudy [AZERBAIJAN INDUSTRIAL INSTITUTE. Transactions]. No. 7, 1954.
Table of contents translated:
Azizbekov, Sh. A. - On the geology of Devonian deposits in the southeastern part of the Lesser Caucasus. p. 5.
Khalilov, A.G. - Lower Cretaceous deposits of the Lysogorskiy Pass (Lesser Caucasus) region. p. 12.
Khalafova, R.A. - Upper Cretaceous deposits in the Mardakertek district of Azerbaijan. p. 23.
Abasov, M.T. - Hydrodynamic calculations for the composite process of sustaining reservoir pressure in workable oil fields. p. 32.
Ibatulov, K.A. - Performance of a double-action three-cylinder sludge pump. p. 40.
Movsumzade, M.M. - Refractometric investigation of organic oxides. p. 45.
Ramazanzade, M.G. - Investigating the heat conductivity of boundary layers. p. 57.
Kas'ian, M.V. - Deformed shavings. p. 63.
Amelov, M.IU. - Measurement of microhardness as a method of studying spot-welded joints. p. 74.
Guseinov, F.G. - Preventive testing of single-phase power transformers. p. 81.
Dzhimsheleishvili, G.A. - A combined method of integrating equations for nonuniform slowly changing motions of water in open channels. p. 94.
Mamedov, D.M. - The problem of the compressibility of liquids. p. 102.
Kadirov, N.D. - The problem of leakage in labyrinthyne packing. p. 114.
Orudzhaliev, Z.A. - Adiabatic equation for real gases slightly deviating from the ideal. p. 130.
Alizade, N.A. - Theoretical principles applied to the design of inertia superchargers for four-stroke diesel engines. p. 142.
Vartanov, A.G. - Thermal characteristics of banks of steam turbines. p. 152.
Mamedzade, IU.I. - Terms pertaining to hydraulic machinery and underground hydraulics. p. 165.
Mustafaev, A.D. - Azerbaijani terms used in the machinery industry. p. 170.

BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Patentnoe upravlenie Komiteta po izobreteniiam i otkrytiiam pri Sovete ministrov SSSR [Patent Administration of the Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 6, 1956.

IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 3, May-June 1956.
Table of contents translated:
Conference on basic topics on precision in machinery building. p. 3.
Burdun, G.D. - Tasks of scientific research activities in the field of metrology. p. 6.
Gorodetskii, I.E. - Present state and basic problems in the measurement of linear dimensions in machinery building. p. 11.
Ervais, A.V., Eidinov, V.IA. - Quality of some Russian and foreign linear measuring instruments. p. 16.
Uverskii, I.T. - The PIU-3 contact horizontal interferometer. p. 20.
Kiselev, V.M. - New electric instruments for the automatic control of linear measures. p. 22.
Osmolovskaia, E.P. - Physical principles of the mechanical wear of plane-parallel limit-length gauges. p. 24.
Kolomiitsov, IU.V. - Micro-profilometer for the control of internal and external surface smoothness. p. 30.
Varnello, V.V. - Conditional characteristics of hardness measurements. p. 34.
Ioffe, A.I., Lifshits, A.S. - Electric compensation of temperature errors in potentiometric pressure-recording gauges. p. 37.
Al'tshul', A.D. - Single-point velocity measurement for measuring fluid flow in pipelines. p. 40.
Rudo, N.M. - New balances designed by the All-Union Scientific Research Institute of Metrology for checking standard weights. p. 42.
Zuks, L.M., Strizhovskii, I.V. - Instruments for measuring stray currents. p. 45.
Bykov, M.A. - Modifying the Anderson bridge for obtaining direct inductance readings. p. 49.
Plonskii, A.F., Smagin, A.G., Shembel', B.K. - Quartz resonator good above 10 millions. p. 51.
Shamburov, V.A., Grechushnikov, V.N. - Wedge-shaped diaphragms for photometers. p. 52.
Margachev, Z.V. - Instrument for the control of frequency characteristic of video amplifiers. p. 56.
Bulatov, S.B., Kivilis, S.S. - Balancing condensation vessels for differential manometers and steam meters. p. 60.
Egorov, V.A., Davydov, B.S. - Checking feeler gauges used for the control of surface roughness. p. 64.
Vyshkind, L.IA. - Measuring worm cutters. p. 67.
Volosovich, F.P. - "Waviness" gauge for spiral gears. p. 69.
Markov, N.N. - Cyclic defects in gears. p. 72.
Vasilenko, I.S. - Checking internal-contact gears. p. 75.
Faingol'd, Z.M. - Device for checking face and radial beats in pinions. p. 76.
Drozdova, L.V. - Autocollimation technique for measuring small-radius spherical surfaces. p. 78.
Fabionavichus, I.I. - Apparatus for measuring the capacity of chemical sources generating electricity. p. 79.
Borzak, N.M., Cherniak, A.M. - Gauge for measuring tapered threads. p. 79.
Shishkin, M.T. - Gauge for checking the perpendicularity of the spindle face to the thimble-screw axis in micrometer calipers. p. 80.
Vasilenko, I.S. - Manufacture of transparent dials. p. 81.
A.K. Kolosov; on his 70th birthday. p. 83.
V.G. Makhrovskii; on his 70th birthday. p. 83.

LENINGRAD. LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions]. No. 7, 1954. Energetika [Power engineering].
Table of contents translated:
Introduction. p. 3.
Gofman, I.V. - Method for tabulating power supply in industrial establishments. p. 5.
Bril', R.IA. - Economic comparison of the transmission of electric energy and the transportation of fuel by rail with respect to the distribution of condensing power plants. p. 35.
Sivakov, E.R. - Indexes of the make-up of regional power supply. p. 45.
Bulanov, N.G. - Economic problems of fuel supply for electric power stations. p. 59.
Ashkinazi, A.L., Frenkel', IA.I. - Co-operative effort to increase the efficiency of the heat-power system in machine-building plants. p. 69.
Michurina, K.I., and others. - Co-operative effort to increase the efficiency of the heat supply system in machinery-manufacturing plants. p. 80.
Leventsl' G.B. - Power advantages of the steam - gas cycle for electric power plants. p. 97.
Karlson, G.A. - Nomogram for computing the value of heat lost in flue gases from boiler installations. p. 122.
Aizenberg, B.L., Zarkhin, M.M., Manoilov, V.E. - Calculation and reduction of losses of electrical energy in city networks. p. 129.
Dmitriev, V.M. - Problem of the most advantageous operation of urban medium-voltage networks. p. 141.
Aizenberg, B.L., Manoilov, V.E. - Neutral system in the distribution networks of industrial plants. p. 150.
Levichev, P.I. - Investigation of progressive methods of stokers in electric power plants. p. 163.
Summaries of studies made by student members of the student scientific society. p. 171.

No. 8, 1954. Mashinostroenie [Machine construction].
Table of contents translated:
Preface. p. 3.
Shaiovich, L.L. - Technical and economic bases for the specialization of machine building plants. p. 5.
Tatevosov, K.G. - Measures taken to insure steady production and the economic significance of these measures. p. 17.
Petrov, V.A. - Methods for the selection and apportionment of machine parts to be manufactured by specialized divisions on the basis of the classification of production. p. 34.
Fish, D.I. - Requirements and potentialities for uninterrupted production in the development of the Technical Industrial Finance Plan. p. 45.
Novozhilov, V.V. - Analysis of the effect of factors. p. 62.
Lipking, L.M. - Characteristics of production in foundry shops. p. 78.
Kats, A.S. - Normative basis for the business accounting system of iron foundries. p. 93.
Tomilov, B.D. - Analysis of the variations in the consumption of materials as related to production

costs. p. 107.
Kamnev, P. V. - Saving metal in forging and stamping plants in the U.S.S.R. p. 114.
Lebedev, A. S. - Comparative mechanical-wear testing of platings used in repairing machine-tool components. p. 143.
Matalin, A. A. - Special features in grinding processes. p. 162.
Sukheparov, A. A. - Producing high-quality surface smoothness by using graphite-abrasive wheels for finish grinding. p. 178.
Rystsova, V. S. - Factory methods for the control of surface smoothness. p. 182.
Rystsova, V. S. - Mechanical preparation of surfaces to be plated. p. 194.
Volkov, M. A. - Designing cylindrical press molds used in the abrasive industry. p. 207

No. 9, 1955. Khimiia i khimicheskie proizvodstva [Chemistry and chemical industries].
Table of contents translated:
Introduction. p. 3.
Turusova, Z. M., Isakov, A. M., Suchkov, A. A. - Experience in organizing rhythmic work according to a daily chart in a celluloid plant. p. 5.
Davidovich, S. K. - Certain problems in determining the labor requirement of the production; based on the tire industry. p. 20.
Davidovich, S. K., Il'inogorskaia, M. A., Makarova, G. I. - Mass automatic photometry of the workday at the Leningrad Tire Plant. p. 37.
Osipova, E. N. - Indexes for the usage of basic materials in the mineral-fertilizer industry. p. 40.
Pomazkov, N. S. - Differentiation of coefficient commensuration in the calculation of production-volume indexes. p. 56.
Zhukov, V. A. - Methods for efficient processing of shales for gas and liquid fuel production. p. 63.
Klikvin, N. A., and others. - Study of the catalytic conversions of shale tar. p. 90.
Zhukov, V. A., and others. - Catalytic cracking of vapor-gas products of coal semicoking. p. 97.
Mishel', F. E. - Preparation of carbon black by catalytic decomposition of natural gases containing methane. p. 107.
Tarasenkova, E. M. - Role of unsaturated hydrocarbons in petroleum aromatization. p. 123.
Zhukov, V. A., Osina, R. P. - Procedure for determining the optimum content of organic substances in industrial shale. p. 134.
Baryshova, Z. M., Rynkevich, E. S., Lineikina, F. M. - A. M. Butlerov's theory of the structure of organic compounds. p. 140.

MOSCOW. MOSKOVSKOE VYSSHEE TEKHNICHESKOE UCHILISHCHE. (Trudy) [MOSCOW TECHNICAL COLLEGE. (Transactions)]. No. 36, 1955. Prikladnaia khimiia v mashinostroenii [Applied chemistry in machine building].
Table of contents translated:
Activities of the Chemistry Department of Moscow Technical College. p. 3.
Skvortsov, V. N. - Determining consumption coefficient of chemicals in electroplating shops. p. 6.
Skvortsov, V. N. - Role of substance adsorption during arc welding of metals. p. 16.
Skvortsov, V. N. - Corrosion of metals in the systems with medium degree of dispersion. p. 21.
Kardakova, Z. I. - Chemical determination of minimum admixtures of zinc, copper and titanium in hard alloys. p. 30.
Tikhmenev, M. G. - Hydrothermits (heat evolving mixtures). p. 37.
Popova, A. I., Shcherbakov, I. M. - Regeneration of metals and salts in worn-out electrolytes. p. 41.
Saverina, N. A. - Using heterocyclic and some other-organic compounds as the inhibitors of atmospheric corrosion. p. 49.
Smykova, V. I. - Electrochemical and chemical treatment to increase the durability of cutting tools. p. 55.
Zvereva, V. P. - Technique for determining the composition of protective oxide films resulting from electrochemical oxide coating of steelware. p. 62.

No. 50, 1956. Mekhanika [Mechanics].
Table of contents translated:
Dobronravov, V. V. - The Department of Mechanics in Moscow Technical College; brief outline of the work of the department for 125 years. p. 3.
Vesselovskii, I. N. - N. E. Zhukovskii and the teaching of mechanics. p. 9.
Golovin, N. IA. - Fundamental equations of the mechanics of variable mass. p. 27.
Dobronravov, V. V. - Basic aspects of the mechanics of nonholonomic systems. p. 50.
Obmorshev, A. N. - Oscillations and rigidity of nonholonomic systems. p. 75.
Obmorshev, A. N. - Solving type $x^{n}(t)=f(t)$ equations in some particular cases. p. 97.
Stanlukovich, K. P. - Some features of gas flow in its own gravity field. p. 101.
Veselovskii, I. N. - Determination of falling body deviation caused by the earth's rotation and the theory of Foucault's pendulum. p. 120.
Orekhov, P. V. - Effect of the design of turbine receivers and jet devices on gas distribution in nozzles. p. 124.
Sizov, M. B. - Dynamics of relative linear motion of a particle rotating around a vertical axis. p. 182.
Sizov, M. B. - Laws for fluid discharge through small outlets of vessels having the shape of bodies of revolution. p. 237.
Tikhonova, L. G. - Cylindrical shell compressed in the middle by two forces. p. 245.
Ivin, S. M. - Equation for vertical gyroscope motion. p. 261.
Khromeenkov, M. F. - Dry sliding friction. p. 272.
Kutler, V. P. - Some problems of plane-parallel motion of the rigid bodies. p. 300.
Krotov, V. F. - Calculating the most favorable trajectory for the passage of rockets along a given circular trajectory around the earth. p. 313.
Shostak, R. IA. - Derivatives with arbitrary characteristics of the order of differentiation of analytic functions of complex variables. p. 335.
Shostak, R. IA. - Main component of the remainder in Taylor's formula. p. 303.
Sukharov, N. V. - Integration of generalized Riccati equations. p. 367.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Computer Engineering]. Nos. 23-25, 29-30, June-July 1956.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Glavnoe upravlenie trudovykh rezervov [Main Administration of Labor Reserves]. Moscow, vol. 13, no. 6, June 1956.
Table of contents translated:
For a closer connection between training and practice. p. 1.
At the call of the party. p. 3.
Anashkin, V. - Work with engineering teaching personnel. p. 4.
Shashkov, L., Stoptalin, V. - Closer to industrial requirements. p. 7.
Mechanics are studying the experience of leading workers. p. 10.
Novomirskii, S. - Improve the educational process daily. p. 12.
Kravchenko, M. - Popularizing modern technology. p. 14.
Panferov, K. - New miner cadres. p. 15.
Shashkin, G. - Innovator methods for foremen. p. 16.
Panfilov, I., Erofeev, S. - Vocational school helps the secondary school. p. 18.
Miroshnikov, A. - Tools for students. p. 19.
Savkin, P. - Cooperation. p. 20.
Bingman, B. - A good start. p. 21.
Ivanenko, I. - The monitors' first steps. p. 22.
Zlubin, N. - With the active members' help. p. 23.
Molotov, D. - Discussion of the teacher with the student group. p. 24.
Volk, B. - Alarming signal. p. 26.
Bystrov, V. - A brigade of industrial training school graduates. p. 27.
Kovgan, M. - Extracurricular work in mechanical drawing. p. 28.
Mitin, I. - Amateur art activities of mechanizers. p. 29.
Monastyrenko, G. - Contest for the best report on a perused book. p. 29.
Kashirin, S. - Technical study rooms in construction work. p. 30.
Information. p. 32.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 3, May-June 1956.
Table of contents translated:
Preparation of standardization plans is the most important phase of the work. p. 3.
Conference on the exchange of work experience in the field of standardization. p. 6.
Grechin, N.K. - Standardization, simplification and normalization of building and road-building machinery. p. 11.
Plis, G.S. - Principles of drawing up standards for widely used electric machines. p. 16.
Shcherbakov, V.S. - Simplification of electric drives used in refrigeration compressors. p. 22.
Lesokhin, A.F. - Selective fitting in many-linked three-dimensional mechanisms. p. 25.
Sokolovskii, P.I. - Requirements to be included in the All-Union State Standards for low-alloy steel. p. 32.
Grigor'ev, M.IU. - Standardizing the method of determination of the oxygen content of coal. p. 36.
Velikovskii, D.S. - Methods of determining the operational quality indexes of synthetic lubricating greases. p. 41.
Myshkin, S.N. - Remarks on standards for magnesite and chromomagnesite refractory materials. p. 45.
Maslennikova, A.P. - Ways of improving the bread-making qualities of wheat. p. 47.
Churin, V.S. - Regulating the classification system of standards and specifications. p. 50.
Buglai, B.M., Lukashev, A.A. - Significance of wood surface-smoothness standards. p. 52.
Nikolaeva, A.V., Fedulova, Z.M. - New standards for meat and dairy products. p. 56.
Sokolov, S.N., Ivanova, G.A. - Degree of dependability of quality control in continuous production. p. 58.
Tret'iakova, N.IA. - Effect of separate testing parameters on the degree of shrinkage in staple fabrics and methods of determining this degree. p. 62.
Vvedenskii, T.I. - Denotations used in specifications. p. 68.
Sotnikov, A.A. - Assistance to designers. p. 69.
Povolotskii, L.I., Vlasova, A.A. - Improving the storage of mineral fertilizers. p. 72.
On unpublished articles. p. 74.
Provisory denotations used in standards. p. 75.
Evstiushin, N.I. - In the Expert Council of the Committee of Standards, Measures and Measuring Instruments. p. 76.
Meeting of the managers of standardization and normalization centers. p. 77.
In the Scientific Research Society of the Instrument Industry. p. 77.
Nikonov, K.D. - In the Technical Committees of the International Standards Organization. p. 78.
Doschatov, V.V. - Standardization in Sweden. p. 80.
In the Committee of Standards, Measures and Measuring Instruments. p. 82.
Standardization abroad. p. 86.

TEKHNIKA-MOLODEZHI [TEKHNOLOGY FOR YOUTH]. Organ of TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 24, no. 6, June 1956.
Table of contents translated:
IArosh, Viktor. - The future is born today. p. 2.
Pokellis, V. - "Pogoda," "Ural," "Kristall," and "Strela." p. 7.
Youth in shops and laboratories. p. 8.
Shmakova, A. - Atomic locomotive. p. 8.
Vainshtok, I. - Ultrasonic machine tools. p. 9.
Arkhangel'skii, A. - This is the new equipment. p. 11.
Toplov, L. - Telelibrary. p. 13.
Brief correspondence. p. 14.
Fadin, V., Fadin, E. - Automatic control. p. 16.
In the world of books and magazines. p. 16.
Prusova, G. - "For a great plan." Nikolai Gomolko. p. 18.
Zvezdin, V. - Gigantic thermometer. p. 19.
Engineer's pencil draws a new face of the planet. p. 20.
Around the world. p. 27.
Vol'berg, S. - Moving sidewalks. p. 28.
Once upon a time... p. 29.
Interesting facts and farseeing thoughts. p. 30.
Babat, G. - Engineer's dreams. p. 30.
Order desk. p. 33.
Gushchev, Sergei. - Flames under the ground. p. 34.
Inquisitive-thought club. p. 38.
Our mail. p. 39.

Vol. 23[i.e.24], no. 7, July 1956.
Table of contents translated:
Kurchatov, I. - Nuclear engineering. p. 2.
Aleshin, V. - Atomic electric power stations. p. 5.
Shirshova, R. - Tagged atoms. p. 6.
Once upon a time. p. 9.
Brief correspondence. p. 10.
Feigin, V. - Giant controlled by electrons. p. 12.
Karpukhin, V. - Roasting in the boiling stage. p. 15.
Around the world. p. 16.
Levshunov, V., Bokhonskii, S. - Gift from constructors to metal turners. p. 18.
Superpressure. p. 22.
Notice about "IUnyi tekhnik." p. 25.
Popilov, L. - The year 2500. World exhibition. p. 26.
Permiak, Evg. - Fairy tale about grandpa Samo. p. 30.
Popov, S. - The present and the future belong to motor-scooters. p. 31.
Kolpenskii, G. - The invisible becomes visible in the light of invisible rays. p. 33.
"Inquisitive mind" club. p. 35.
Photographic competition. p. 36.
Interesting facts. p. 37.
Petrov, K. - Build a motorboat yourself. p. 38.
Useful advice. p. 40.

Vol. 24, no. 8, Aug. 1956.
Table of contents translated:
Morozov, A. - World of high achievements in science and technology. p. 2.
Brief correspondence. p. 6.
IArosh, V. - Siberian giant. p. 8.
In the world of books and magazines. p. 11.
Gartvig, V. - Winged ships. p. 12.
Sterligova, M. - Rectangular picture tube. p. 14.
Sergeev, O. - Generators of cosmic energies. p. 17.
Popilov, L. - The year 2500; World Exhibition; conclusion. p. 24.
Youth in shops and laboratories. p. 26.
This is for you, dear readers. p. 27.
Around the world. p. 28.
Tkachek, Z. - Heavy water. p. 30.



41207 | O - 57 - 7

Korabel'nikov, I. - Surgical instruments. p. 33.
Six known French cardiologists tell us about the human heart. p. 34.
Treasures of the sea. p. 36.
In the world of books and magazines. p. 38.
Once upon a time. p. 38.
Ivanov, G. - Electric fret-saw. p. 39.
Useful advice, Secret of the Chinese "duck." p. 40

ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 26, no. 6, June 1956.

Table of contents translated:

Bonch-Bruevich, V.L. - On surface recombination. p. 1137.
Bulyginskii, D.G., Dobretsov, L.N. - Investigating the distribution of the emission process on the surface of oxide cathodes. p. 1141.
Bol'shov, V.G. - Investigating thermoelectric emission during transition from the solid to the liquid state. p. 1150.
Syrkin, L.N. - Temperature dependence of thermion polarization. p. 1163.
Shalabutov, IU.K., Maslennikova, N.S. - Energy distribution of photoelectrons in the internal photoelectric effect of antimony-cesium cathodes. p. 1166.
Khazanov, V.S., IUrov, S.G. - Permanency of the spectral characteristics of oxygen-cesium and antimony-cesium vacuum photoelectric cells. p. 1170.
Morgulis, N.D., Pikus, G.IA. - Use of mass spectrometer to investigate the activation process of oxide cathode. p. 1174.
Sokol'skaia, I.L. - Surface migration of tungsten atoms in an electric field. p. 1177.
Kogan, M.G. - Nonstationary heat conduction in solids bounded by orthogonal surface coordinates. Part 1. Three-dimensional temperature fields. p. 1185.
Zalesskii, A.M. - Determining the voltage of thermal breakdowns in cylindrical insulators. p. 1194.
Nedospasov, A.V. - Theory of the low-voltage arc zone. p. 1202.
Fogel', IA.M., Krupnik, V.A., Ankudinov. - Production of negative hydrogen ions by passing positive hydrogen ions through a supersonic mercury-vapor jet. p. 1208.
Korsunskii, M.I., and others. - Investigating the topography of the inhomogeneous-plane magnetic field of a six-pole electromagnet. p. 1222.
Aerov, M.E., Umnik, N.N. - Heat and mass transmission in granular layers Part 1. p. 1233.
Aerov, M.E., Umnik, N.N. - Heat and mass transmission in granular layers. Part 2. p. 1243.
Vargaftik, N.B., Smirnova, E.V. - Temperature dependence of the heat conductivity of steam. p. 1251.
Dunskii, V.F. - Coagulation in the atomization of fluids. p. 1262.
Kubanskii, P.N. - Effect of vibration intensity on the shape of acoustic flow. p. 1269.
Merkulov, A.P. - Investigating vortex tubes. p. 1271.
Vulis, L.A., Terekhina, N.N. - Propagation of a turbulent gas jet in a medium of different density. p. 1277.
Alimov, R.Z. - Heat loss in a heated cylindrical tube subjected to transverse doublephase sprinkling. p. 1292.
Ershov, V.N., Ershova, N.M. - Thermal method for determining the moisture of fine-grained capillary and porous substances. p. 1306.
Golovinskii, G.P. - Condensation of vapor mixtures in deep freezing. p. 1309.
Deriagin, B.V., Push, V.E., Tolstoi, D.M. - Theory of solids sliding with intermittent stops (frictional natural vibration of the first type). p. 1329.
Ivanov, G.A., Mokievskii, L.I. - Thermoelectric properties of bismuth. p. 1343.
Dubinin, G.N. - Characterististic of surface zones formed during the diffusion of chromium in iron. p. 1345.
Vasil'ev, D.M., Evlashin, L.S. - Plastic aftereffects in metals. p. 1351.
Vasil'ev, D.M. - Characteristics of aftereffects in metals. p. 1357.
Abiova, M.S., Elpat'evskaia, O.D., Regel', A.R. - Electric conductivity of germanium-silicon alloys in the liquid state. p. 1366.
Gross, E.F., IAkobson, M.A. - Emission spectrum of excitons. p. 1369.
Bonch-Bruevich, V.L. - Remarks on G.E.Pikus' and IU.A.Firsov's article. p. 1372.

Vol. 26, no. 7, July 1956.

Table of contents translated:

Shtenbek, M., Barmaskii, P.I. - Precision techniques for measuring the Peltier effect and thermal electromotive forces. p. 1373.
Rzhanov, A.V. - Effect of admixtures on the lifetime of excess charge carriers in germanium. p. 1389.
Konorov, P.P. - Electric properties of bismuth chalcogenides. Part 2. Electric properties of bismuth selenide ($Bi_2Se_3$). p. 1394.
Konorov, P.P. - Electric properties of bismuth chalcogenides. Part 3. Electric properties of bismuth telluride ($Bi_2Te_3$). p. 1400.
Vasenin, F.I., Konovalov, P.F. - Ionization X-ray analysis of bismuth telluride. p. 1406.
Rashba, E.I. - Diffusion of current carriers in semiconductors in the presence of an external electric field. p. 1415.
Rashba, E.I., Tolpygo, K.B. - Direct volt-amper characteristics of large-area rectifiers at considerably strong currents. p. 1419.
Shneider, A.D. - Kinetics of photocurrent growth and the phenomenon of photoconductivity quenching in cadmium sulfide. p. 1428.
Shneider, A.D. - Photoconductivity quenching in mercury sulfide. p. 1433.
Lur'e, M.S., Medvoi, A.I. - Effect of unilateral mechanical pressure on the dielectric permeability of ceramic ferroelectric substances. p. 1437.
Kosman, M.S., Shevardin, A.N. - On the upper Curie point for Rochelle salt. p. 1443.
Malakhov, A.N., Dubrovin, V.E. - Investigations on the scintillation effect. p. 1451.
Pokrovskii, E.I., Kotova, I.P. - Investigation of the crystallinity of some polymers by means of infrared spectroscopy. p. 1456.
Shishkin, N.I. - Temperature, pressure and volume dependence of the kinetic properties of liquids and glasses. p. 1461.
Beguchev, O.P. - Spreading of space charge blobs. p. 1463.
Anastasevich, V.S. - Theory of ion beam compensation. p. 1467.
Tikhodeev, N.N. - On one case of conformity with the law for the transition of unipolar corona discharge into spark discharge. p. 1493.
Rumsh, M.A., Baklagina, IU.G. - Electron diffraction analysis of the texture of films produced by vaporization in vacuo. p. 1497.
Grigor'ev, M.N., Kirko, I.M. - Investigating the magnetization of structures simulating magneto-dielectric materials. p. 1501.
Fedoseev, V.A., Polishchuk, D.I. - Evaporation of hot liquid droplets. p. 1509.
Sterman, L.S. - Generalization of experimental data on bubbling vapor through liquids. p. 1519.
Kogan, M.G. - Nonstationary heat conductivity in solids bounded by orthogonal surface coordinates. Part 2. Temperature fields as functions of one coordinate. p. 1525.
Gorazdovskii, T.IA., Regirer, S.A. - Motion of Newtonian liquids between rotating coaxial cylinders in the presence of internal thermal processes affecting viscous properties. p. 1532.
Chirkin, V.S., IUkin, V.P. - Crisis of heat removal in the flow of nonboiling water in an annular gap. p. 1542.
Neustruev, A.A. - Determining the heating time for long-size parts in convection furnaces. p. 1550.
Dvornichenko, P.V. - Certain considerations concerning the method of calculating heat exchange and hydraulic resistance at high-speed gas flow. p. 1571.
Broide, B.G. - Using the gas hydraulic analogy for the purpose of gas dynamic calculations. p. 1579.
Netushil, A.V., Burdak, N.M. - Modeling electro-osmotic water level drop. p. 1595.
Vandakurov, IU.V. - Some antisymmetric magnetic fields with double focusing. Part 2. p. 1599.
Kuznetsov, B.A. - Stress analysis of silver chloride crystals subjected to elastoplastic bending. p. 1611.
Gross, E.F., Sobolev, V.V. - Absorption spectra and exciton emission in cadmium selenide crystals. p. 1622.

## b) AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 13, no. 5, May 1956.

Table of contents translated:

Let's conduct flights during the summer in an organized manner. p. 1.
Vin'kov, P. - Seventh Congress of the Trade-Union of Aviation Workers. p. 3.
Polupinskii, M. - Topics on technical progress on the pages of newspapers with wide circulations. p. 6.
Gozalov, L. - Commander's exactingness. p. 8.
Ivanov, D. - Weekdays of a crew. p. 10.
Artazov, S. - Seven years without damages and incidents. p. 13.
Lebedinskii, M., Frolov, S. - The commander trains the crew. p. 14.
Chernoshei, N. - How we organized special ground training. p. 16.
Readers suggest. p. 17.
Arkhangel'skii, A. - Tu-104 airplane. p. 18.
Starikov, A. - On international flights. p. 20.
Alekseev, K. - Construction of turbojet engines. p. 23.
Panagriev, V. - Irreplaceable means of communication. p. 26.
Gubkina, G. - Refrigeration of food served on planes. p. 27.
Makarenko, S. - For an exact coordination between ground and air. p. 29.
Ershova, A. - Controlling vegetation in cracks of airport runways. p. 29.
Radionov, B. - Standard high-precision turn. p. 30.
Korotkov, A. - Eliminate shortcomings in organizing flights without aerial engineers. p. 33.
Rubo, V. - Sowing sakmaul from an An-2 airplane. p. 34
Purosov, I. - Together with scientists. p. 34.
Runov, M. - Cooperation in work; photographic report. p. 35.
Donigevich, M. - Medical aviation station. p. 36.
Abramov, E. - Those who did not spare their lives. p. 37.
Diary of civil aviation. p. 38.
Tarján, E. - Letter from Hungary. p. 39.

Vol. 13, no. 6, June 1956.

Table of contents translated:

Editorial: Air Force Day. p. 1.
Work results of Civil Aeronautic subdivisions for the first quarter of the year and April. p. 3.
Timofeev, N. - How we put into practice the resolutions of the 20th Congress of the Communist Party of the Soviet Union. p. 4.
Polosukhin, I. - Know and strictly observe the rules of flight service. p. 6.
Gribov, IU. - Friendship helps service. p. 8.
Benkunskii, G. - Flight into a thunderstorm. p. 10.
Goncharov, V. - Get well prepared for the Spartakiads. p. 12.
Peshkov, S. - Flight operation of the TU-104 airplane. p. 13.
Skuridin, A. - Eliminating causes of float chamber flooding in the AKM-62IR carburetors. p. 16.
Morev, B. - Mechanical loading of chemicals onto airplanes. p. 19.
Kurenkov, A. - Vinyl plastic lining for chromium plating tanks. p. 20.
Semenov, P., Ganykin, L. - Planning tasks according to the growth of labor productivity. p. 22.
Makhan'kov, P., Amatuni, P. - Important "details" in the organization of flights without engineers. p. 24.
Morgunenko, N., Panchenko, N. - A new method in action. p. 27.
Tiulenev, M. - Airmen of the Kuban are participants in the All-Union Agricultural Exhibition of 1956. p. 29.
Gol'tsov, V. - Meeting of friends. p. 30.
Anniversary of aircraft repair enterprises. p. 31.
Pantuntkii, I. - "A drop of gasoline." p. 32.
Polupinskii, M. - Twenty-fifth anniversary of delivering matrices by plane. p. 33.
Diary of commercial aviation. p. 34.
Minasrski, S. - Polish air lines. p. 35.
Voroshilagin, I. - Radio equipment of the "Komsta-2" airplane. p. 37.
Brief news. p. 39.
Follow-up of our published articles. p. 39.

Vol. 13, no. 7, July 1956.

Table of contents translated:

Civil aviation in the sixth five-year plan. p. 1.
Kalistratov, A. - How we increased the efficiency of the An-2 airplane. p. 3.
Tunian, S. - Training flight radio operators in the air. p. 4.
Training jet airplane crews. p. 6.
Gol'tsov, V. - Test pilots. p. 8.
Golubev, S. - Problem of the grade of "3." p. 10.
Drozdov, I. - Initiative. p. 11.
Akimov, D. - Spartakiada of the Peoples of the U.S.S.R. p. 13.
Timofeev, D. - Meteorological conditions of flights at high altitudes. p. 14.
Readers suggest. p. 16.
Drobyshevskii, G., Makarov, K. - Special problems in operating helicopters under difficult meteorological conditions. p. 17.
Dabadzhanova, L. - Fighting forest fires with helicopters. p. 19.
Karnaukhov, G. - Against avoidance of responsibility in deciding technical problems. p. 20.
Kochkan, B. - Shortcomings in the special equipment of the An-2 airplane. p. 21.
Rubo, V. - Radioactive substances increase cotton yields. p. 21.
Krylov, K., Karmanova, L., Berenson, S. - Liquids for washing airplanes. p. 22.
Krasnov, A. - Calculating the number of needed fuel servicing trucks. p. 23.
Vasilenko, A. - When the Party office pays little attention to the economy of production. p. 24.
Poldushkin, G. - Aviation at the All-Union Agricultural Exhibition. p. 26.
Podzorov, N. - Organizing group long-distance cross-country flights. p. 28.
Babichev, I. - Airplanes over the fields of the Volga Region. p. 29.
Smirnov, N. - Determining the minimum time for repairing airplanes. p. 31.
Il'in, V. - Medical requirements when flying jet transport airplanes. p. 33.
Podkaminer, S. - Cost of air transport and means of lowering it. p. 35.
Diary of civil aviation. p. 37.
Murachev, A. - Moscow - Tirana. p. 38.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 7, no. 6, June 1956.

Table of contents translated:

Air Force Day. p. 1.

Kovalev, V. - I tested the "TU-104." p. 2.
Kuznetsov, L. - To be a pilot is a great happiness! p. 4.
Priakhina, N. - A fulfilled dream. p. 5.
Dubrovin, Boris. - The Tushino Airport; verse. p. 6.
Levchenko, A. - Winged helpers of the farmer. p. 8.
Astashenkov, P., Zhukov, V. - Jet, high, and fast... p. 10.
Prokof'ev, S. - Make skillful use of aeronautical equipment. p. 12.
Dudin, N. - The most important is the quality of training. p. 13.
Forostenko, L. - Preparing the cadet for his first independent flights. p. 15.
Loskutov, K. - Glider pilots of Ioshkar-Ola. p. 16.
Nazarov, P. - Winch for launching gliders. p. 19.
Ermakov, A. - Adjustment and launching of soaring airplane-glider models supplied with motors. p. 20.
Aircraft technology abroad. p. 23.

Vol. 7, no. 7, July 1956.
Table of contents translated:
For a mass development of parachute jumping as a sport! p. 1.
Third world championship in sport parachute jumping. p. 2.
Storchienko, P. - Directing a parachute at low altitudes. p. 3.
Parachutists of Chaltyr village. p. 5.
Konkin, A. - Woman champion of the Soviet Union. p. 6.
New records of the MI-4 helicopter. p. 8.
Malkhasian, K. - From an airplane model to the "Tu-104." p. 10.
Lebedinskii, M. - A pilot visits his Aeroclub. p. 12.
Kuz'min, V. - Control in the training of sportsmen. p. 14.
Dovydaitis, V. - Into warm air currents with a mechanical start. p. 15.
Liapunov, B. - Guided missiles. p. 17.
Govlazin, I., Zapol'skii, G. - Antiatomic defense of airports. p. 20.
Sladki, I. - Designing guided high-speed models. p. 21.
Sport flying abroad. p. 23.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 50, 1956.
Title translated:
Blandov, P. I. - Problems in designing the airplane landing gear. 70 p.
Title transliterated: Blandov, P. I. - Nekotorye voprosy proektirovaniia shassi samoleta. 70 p.

No. 59, 1956.
Title translated:
Obraztsov, I. F. - Design of multicell-type shell for sweptback wings based on the theory of V. Z. Vlasov. 40 p.
Title transliterated: Obraztsov, I. F. - Raschet obolochek tipa kessona strelovidnogo kryla na osnove teorii V. Z. Vlasova. 40 p.

MOSCOW. AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No. 20, 1956.
Voprosy statisticheskoi teorii ravnovesnogo sostoianiia termodinamicheskikh sistem [Topics on the statistical theory of equilibrium states of thermodynamic systems].
Table of contents translated:
Gevorkian, R. G. - Equilibrium states of thermodynamic systems. p. 3.
Gevorkian, R. G. - Entropy of thermodynamic systems. p. 71.
Klimontovich, IU. L. - Investigating the elementary excitation spectra of physical systems by using the method kinetic equations for quantum distribution functions. p. 100.

## c) CHEMICAL TECHNOLOGY

AKADEMIIA NAUK URSR, Kiev. Instytut vykorystannia gazu. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Gas Utilization. Transactions]. Kiev, vol. 3, 1955. Gazifikatsiia topli va i szhiganie gaza [Gasification of fuel and combustion of gas].
Table of contents translated:
Makhorin, K. E., Dobrokhotov, N. N. - Production of water gas from anthracite. p. 3.
Tishchenko, A. T. - Gasification of peat in a generator with recirculating gases. p. 18.
Vdovichenko, V. T. - Gasification of heavy liquid fuels. p. 31.
Makhorin, K. E. - Investigation of the process of water gas production in intermittent generators. p. 40.
Tishchenko, A. T. - Cooling gas by air in stationary power gas generators. p. 58.
Kopytov, V. F. - Using fuel in furnaces. p. 61.
Levin, A. M. - Study and calculation of injector gas burners for industrial furnaces. p. 67.
Privalova, K. A. - Practice in using multinozzle injector burners for gas burning in steam boilers. p. 102.
Stezhinskii, A. I. - Investigating the combustion of gaseous mixtures in a piston engine. p. 105.
Zarovnyi, A. S., Dzhuvago, V. P. - Gas apparatus for fusing tin on milk cans. p. 114.

KHIMIIA I KHIMICHESKAIA TEKHNOLOGIIA; perevody iz inostrannoi periodicheskoi literatury [CHEMISTRY AND CHEMICAL TECHNOLOGY; Translations from Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 7, nos. 6(79)-10(81), 1956.

KHIMIIA I TEKHNOLOGIIA TOPLIVA [CHEMISTRY AND TECHNOLOGY OF FUEL]. Issued by Ministerstvo neftianoi promyshlennosti SSSR and Prezidium Akademii nauk SSSR [Ministry of the Petroleum Industry of the U. S. S. R. and the Presidium of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, Feb. 1956.
Table of contents translated:
Fedorov, V. S. - Urgent problems in the study of petroleum and petroleum products' composition. p. 1.
Topchiev, A. V., and others. - Individual hydrocarbons of the benzene group produced from Nebit-Dag (Akchagyl stage) petroleum. p. 9.
Zherdova, L. G., Potanina, V. A., Krol', B. B. - Naphthenic hydrocarbons contained in the high-boiling fractions of petroleum. p. 13.
Nikolaeva, V. G., Zimina, K. I., Poliakova, A. A. - Analysis of the composition of gasoline produced from Zhirnovskaia petroleum. p. 23.
Lavrovskii, K. P., Rozental', A. L. - Regularity of chemical reactions in the "boiling" layer. p. 27.
Karzhev, V. I., Shavolina, N. V. - Using hydrogen and carbon in the destructive hydrogenation of fuels. p. 30.
Kholfon, B. M., Milovidova, N. V., Rapoport, I. B. - Composition and properties of synthetic products obtained from carbon monoxide using iron alloys as catalysts. p. 35.
Khrisanfova, A. I., Soboleva, G. N. - Changes in the properties of coal during oxidation and heating. p. 45.
Rybak, B. M. - Efficiency of various techniques used for the analytical fractionation of petroleum products by selective solvents. p. 54.
Krein, S. E., and others. - Chemical and electric stability of oils. p. 60.
Panov, V. V. - All-Union conference on the study of petroleum and petroleum products' composition. p. 68.
New books. p. 72.
[PHOTOSTAT]

No. 3, Mar. 1956.
Table of contents translated:
Notkin, D. I. - Development of the fuel industry in the U. S. S. R. p. 1.
Topchiev, A. V., and others. - Individual paraffin and pentamethyl hydrocarbons of the gasoline fraction produced from Romashkin (Minibayevo) petroleum. p. 6.
Nikolaeva, V. G., and others. - Isolation of individual normal paraffin hydrocarbons from the 200-350° fraction obtained from Romashkin Devonian petroleum. p. 11.
Lavrovskii, K. P., Rozental', A. L. - Mixing gas in a "fluidized" bed. p. 17.
Englin, B. A., Kalaitan, E. N. - Stability of automobile and aviation gasoline in storage. p. 21.
Katsobashvili, IA. R., Kurkova, N. S. - The extent of hydrogenation of aromatic hydrocarbons in the destructive hydrogenation of petroleum residues. p. 31.
Bashkirov, A. N., and others. - Catalytic action of certain silicate minerals in the synthesis of carbon monoxide and hydrogen oxide. p. 36.
Bogdanov, N. F. - Using propane for extracting asphalt from petroleum products. (Theory of solubility) p. 42.
Losikov, B. V., Kavorina, N. I., Fediantseva, A. A. - Chromatographic method for determining fractional composition of high polymers. p. 51.
Vinogradov, G. V., Lebedev, V. G. - Properties of paraffin-base oils at low temperatures. p. 54.
Turskii, IU. I. - Effect of rate of heating in semicoking of coals on the quality of initial tar. p. 59.
Papok, K. K., Zuseva, B. S. - Critical temperature in piston varnishing. p. 70.
[PHOTOSTAT]

No. 4, Apr. 1956.
Table of contents translated:
Indukov, N. M., Rustamov, M. I. - Determining the quantity of circulating catalysts in cracking processes using moving powdered catalysts. p. 1.
Bashkirov, A. N., Loktev, S. M. - Studying the synthesis of carbon monoxide and hydrogen using kiezelguhr as a catalyst. p. 7.
Rudenko, M. G. - Effect of the structure of the original hydrocarbon components on the physical and chemical properties of synthetic oils. p. 13.
Kukharenko, T. A., Ryzhova, Z. A. - Coal weathering charcteristics in connection with the petrographic composition. p. 20.
Kaidash, N. F., Livshits, S. M. - Detonative combustion stability of automobile gasolines in ZIS-120 engine. p. 30.
Zaslavskii, IU. S., and others. - Use of tagged atoms in analyzing the mechanism of the action of anticorrosive additives on oils. p. 37.
Piskunova, A. I. - Investigating the process of evaporation of heavy cylinder oils. p. 50.
Piguzova, L. I. - Chemical nature and action of aluminum and chromium salt catalysts. p. 56.
Vipper, A. B., Papok, K. K. - Sludge formation in automobile carburetor engines. p. 59.
Sharapov, V. I. - Effect of water on the stability of additives in motor oils. p. 63.
Lozgachev, P. M. - Heat consumption in petroleum refining. p. 65.
Aleksandrov, S. N., Shmulikovskii, IU. E., Alekseev, S. A. - Flame test for determining sodium and potassium in catalysts. p. 66.
[PHOTOSTAT]

No. 5, May 1956.
Table of contents translated:
Skripnik, E. I., Isaguliants, V. I., Shtof, I. K. - Thermal stability of sulfur compounds in crude oils produced in the Kuibyshev Province. p. 1.
Kholfets, E. M., and others. - Analyzing products made by the synthesis of CO and $H_2$ using iron catalysts. p. 8.
Bashkirov, A. N., Loktev, S. M., Khotimskaia, M. I. - Composition of products made by the synthesis of CO and $H_2$ using kieselguhr catalysts. p. 18.
Zabavin, V. I., and others. - Chemical composition of coals and their change in the process of oxidation. p. 23.
Kukharenko, T. A. - Methods for determining the humic acid content in solid combustible minerals. p. 32.
Rudenko, M. G., Gromova, B. N. - Effect of the structure of the original hydrocarbon components on the physical and chemical properties of synthetic oils. p. 43.
Vinogradov, G. V., and others. - Organic phosphorous wear-reducing additives for oils. p. 47.
Dzhuvarly, Ch. M., Mukharskaia, L. A. - Analyzing the causes of the increased dielectric losses in commercial transformer oils. p. 59.
Papok, K. K., Zuseva, B. S. - Effect of metals on the gumming properties of oils. p. 64.
Englin, B. A., Afanas'eva, N. A. - Hygroscopicity of motor fuels. p. 69.

No. 6, June 1956.
Table of contents translated:
Koldovkin, A. IA., Bodan, A. N. - Synthetic fatty acids and method for calculating the continuous distillation. p. 1.
TSyskovskii, VK., Shcheglova, TS. N., Nebylova, E. M. - Normal-structure liquid paraffins as raw material for the synthesis of higher fatty acids. p. 9.
Vinogradov, G. V., and others. - Use of radioactive indicators in studying the action of organic thiophosphoric additives in oils. p. 14.
Tiutiunnikov, IU. B. - Change in the electric resistance of coal varieties in the course of thermal and dielectric heating. p. 20.
Kukharenko, T. A., Vvedenskaia, T. E. - Complete decomposition of humic acids by metallic sodium in liquid ammonia. p. 25.
Rozhkov, I. V., Rogacheva, T. P. - Determining the content of antioxidants of the aminophenol type in gasolines. p. 34.
Soleznev, A. K. - Stabilization of cracked gasoline by antioxidants. p. 37.
Kolisov, N. V. - Separation of hydrocarbons with different degrees of saturation. p. 38.
Piguzova, L. I. - Effect of the chemical characteristics and composition of cracking catalysts on their action stability. p. 43.
Aleksandrov, S. N., Shmulikovskii, IA. E., Malakhova, G. P. - Spectral determination of iron and magnesium in aluminum silicates. p. 55.
Proshkin, A. A. - Methods for determining the stability of aluminum silicate spheroidal catalyst. p. 57.
Martynov, V. M. - Grease syneresis. p. 61.
Bagaturov, S. A. - Calculating peak stripper conditions in complex columns. p. 67.

No. 7, July 1956.
Table of contents translated:
Agafonov, A. V. - Selection of flow diagrams for modern fuel petroleum processing plants. p. 1.
Zherdeva, L. G. - Chemical composition of high-boiling petroleum fractions. p. 13.
Petrov, A. A. - Bromination of unsaturated hydrocarbons. p. 24.
Man'kovskaia, N. K., Moskvina, G. I. - Oxidation of high molecular weight paraffins. p. 32.
Reznik, M. G., Eidel'man, E. IA. - Dynamics of coal drying. p. 36.
Shteingol'ts, I. I., Lupenko, B. I. - Flow sheet for the economical regeneration of propane at deasphalting plants. p. 44.
Robinson, E. A., Nechaeva, M. A. - Structural-group analysis of kerosene and oil fractions and its application in petroleum research. p. 50.
Rybakov, P. A., Lysenko, T. D. - Calcium hydride method for determining water content in liquid fuels. p. 57.
Sablina, Z. A., Gureev, A. A. - Repeated stabilization of fuels by antioxidants. p. 61.
Lipshtein, P. A., Shtern, E. N. - Causes of high dielectric losses in fresh transformer oils. p. 64.
Bagaturov, S. A. - Calculating peak stripper conditions in complex columns. Part 2. p. 68.
New books. p. 71.
To the attention of authors. p. 72.

B 16c

KHOLODIL'NAIA TEKHNIKA [REFRIGERATION ENGINEERING]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, vol. 33, no. 2, Apr.-June 1956.

Table of contents translated:

Modernization of industrial equipment is a most important task. p. 1.
Rosenfel'd, L., Onosovskii, V., Serdakov, G. - Experimental installation for hydroelectric plant heating using refrigerating machines. p. 5.
IAkobson, V., Shavra, V. - Automatization of commercial-type ammonia refrigerating plants. p. 11.
Gimpelevich, S. - Defining method for the determination of heat transmission coefficients through castings of isothermal compressors. p. 18.
Kudachkov, I. - Mass production of gas analyzers. p. 23.
Golovkin, N., and others. - Natural losses in frozen mutton in lengthy storage. p. 25.
Savinovskii, N. - Technology of soft ice cream production. p. 30.
Suntseva, T. - The instructions on food preservation technology should be revised. p. 32.
Plank, R. - Magnetic "cooling" machine for reaching temperature lower than 1°K. p. 35.
Maksimov, P. - Some solutions of technical problems in France's cold storage plants. p. 39.
Geller, I. - Freezer capacity in the meat industry. p. 45.
Tkachev, A. - Approximate theoretical solution for convection heat-exchange problems related to fusion and solidification. p. 50.
Kitaev, B. - Heat engineering calculations for isothermal railroad tanks. p. 55.
Tezikov, A. - Flue gas cleaning from mechanical impurities. p. 57.
Simonov, N. - Solenoid valve control diagram. p. 61.
Shapiro, B. - Heat treatment of compressor valve plates. p. 62.
Karpulia, A. - Louvers for axial fans. p. 63.
Galkin, T. - Tank for lubricant decantation from the oil collecting basin. p. 64.
Muravlianskii, V. - Box for the manufacture of dry ice briquets. p. 64.
Bubentsov, F. Improvement of feeder construction for baking waffle containers. p. 65.
Consultation. p. 66.
Brief news. p. 69.
From the pages of foreign journals. p. 72.
Reference section. p. 74.

KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, no. 4, 1956.

Table of contents translated:

Cherniak, D. A. - Industrial coking of Transcaucasian coals. p. 3.
Speranskaia, G. V., TSynovnikov, A. S., Shtromberg, B. I. - Experimental coking of coals enriched by centrifugal separation. p. 8.
Verkhovskii, I. M., Vinogradov, I. I. - Desulfuration of unclassified coal fines by the combined gravity-flotation method. p. 11.
Kopychev, P. A. - Enrichment of coal fines. p. 17.
Shlomov, V. N., Vorónov, K. D., Perov, V. N. - Closed-cycle sludge-water system. p. 19.
Voznyi, G. F. - Interplant school of flotation. p. 23.
Shvarts, G. A. - Coking unit of the Zaporozh'ye Coke Chemical Plant. p. 28.
Krol', V. L. - Increasing the content of the 80-60 mm fraction in metallurgical coke. p. 32.
Comments on the article of R. Z. Lerner "Changing the coking unit layout for a considerable increase in the number of ovens per battery." p. 40.
Kuleshov, P. IA. - Increasing the capacity of C-140 electric filters. p. 45.
Lazorin, S. N., Soldatenko, I. S. - Use of pipe furnaces in benzol plants. p. 49.
Eidel'man, A. E., Kaznacheev, A. M. - Causes of emulsion formation in naphthalene oil. p. 53.
Stepanenko, M. A., Matusiak, N. I. - Preparation of pitch for pitch coke production. p. 55.
Smoroda, I. M. - New construction of coke ovens. p. 59.
Ivan Evstaf'evich Korobchanskii; obituary. p. 62.
Pliner, A. I., Kushnarev, V. A. - Temperature control of ovens with wide-open top dampers. p. 63.
Ionina, M. A. - Production of benzol for sulfuration at the Yenakiyevo Coke Chemical Plant. p. 64.
Benevol'skii, A. S. - Automatic control of saturators. p. 64.
E. Ch. - High-pressure spherical gasholder with compressor and control devices constructed in Hanau. p. 3 of cover.
E. Ch. - Removal of hydrogen sulfide from coke gas by circulating washing under pressure. p. 3 of cover.
E. Ch. - Tar processing. p. 3 of cover.
Removal of gas from naphthalene by washing. p. 3 of cover.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Published by Ministerstvo promyshlennosti prodovol'stvennykh tovarov SSSR [Ministry of the Food Products Industry of the U.S.S.R.]. Moscow, vol. 22, no. 4, 1956.

Table of contents translated:

Editorial: For the successful overhauling of enterprises. p. 1.
Attention to the storage and drying of seeds in oil mills. p. 3.
From the statement of the personnel of the Stalingrad Mustard-Oil Combine to all collective farmers, agricultural specialists, and machine-tractor station workers of Stalingrad Province occupied in growing mustard. p. 5.
Zolin, G. E. - Preparing buildings and equipment for receiving the new crop of oilseeds. p. 6.
Belikov, I. F., Nedel'ko, E. IA. - Biochemical properties of the Amur varieties of soya. p. 7.
Sterlin, B. IA., Mironova, A. N. - Spectrophotometric method of determining pigments in vegetable oils. p. 10.
Lopatin, K. I., and others. - Purification of water gas by triethanolamine. p. 12.
Volkhovskaia, U. V. - Camphor laurel as a national source of safrole. p. 14.
Palladina, O. K., Stepanova, K. S. - Rapid method for determining the stability of fats and oils. p. 16.
Stiazhkina, A. G. - Determining the thoroughness of the washing of oils. p. 18.
Demchenko, M. K. - Remote level indicator. p. 21.
Bokov, N. M. - Improved method for the purification of sweet water. p. 22.
Bukharin, V. V., Oleshko, V. P. - Automatic scales for oils. p. 24.
IAsnyi, A. M., Frid, G. S. - Fats and oils in capitalist countries. p. 29.
Zharskii, A. M. - Notes on the oils and fats industry in the German Democratic Republic. p. 30.
Review of magazine articles on the oils and fats, perfume and cosmetic industries. p. 33.
Brief news. p. 38.

MOSCOW. KHIMIKO-TEKHNOLOGICHESKII INSTITUT. Trudy [INSTITUTE OF CHEMICAL TECHNOLOGY. Transactions], no. 21, 1956. Issledovaniia v oblasti khimii i tekhnologii silikatov [Studies in the chemistry and technology of silicates].

Table of contents translated:

Budnikov, P. P., Nekrich, M. I. - Theory of milling building materials. p. 2.
Tarasov, V. V., Stroganov, E. F. - Investigation of the structure of micro-heterogeneous glass and vitreous $B_2O_3$ by the low temperature heat capacity method. p. 26.
Gladkov, A. V. - Determining the speed of supersonic waves in glass by means of a composite piezoelectric crystal resonator. p. 34.
Kitaigorodskii, I. I., Keshishian, T. N., Berezhnoi, A. I. - Method of determining maximum deformation of glass samples subjected to breakdown and the modulus of elasticity. p. 39.
Pichugin, E. F. - Calculating the compressibility of quartz glass. p. 45.
Matveev, M. A., Gludina, N. I. - Rapid method for the chemical analysis of soluble glass. p. 49.
Matveev, M. A. - Dehydration temperature of vitreous hydrated sodium silicates and determining their degree of hydration. p. 57.
Kitaigorodskii, I. I., Rishina, V. A. - Obtaining and investigating glass of the anorthite-diopside-rhodonite system. p. 61.
Kitaigorodskii, I. I., Keshishian, T. N., Epel'baum, M. B. - Effect of heat treatment on the mechanical strength of glass wool. p. 67.
Matveev, M. A., Matveev, V. A. - The effect of active surfaces on the crystallization of slag fusion mixtures. p. 74.
Polubolarinov, D. N., Volosevich, G. N. - Methods of determining bending strength of ceramic materials. p. 80.
Bulavin, I. A., Zakharov, I. A. - Clinkering aluminum oxide with talc and titanium dioxide additives and the properties of sintered clayware body. p. 86.
Popil'skii, R. IA., Nemtsova, I. F. - On the content and efficient method of preparing the clay component introduced into high-chamotte containing masses. p. 89.
Sil'vestrovich, S. I. - Fritted cordierite porcelain. p. 100.
Budnikov, P. P., Kotov, V. I. - Hydrothermal process of crystallizing semiwater gypsum. p. 113.
IUng, V. N., Vorob'eva, M. A. - Conditions for stabilizing clinker compounds under temperatures below sintering. p. 137.
Butt, IU. M. - Speeding up the process of autoclave hardening of cement products by introducing crystallic primers. p. 144.
IUng, V. N., and others. - Resistance to abrasion in hydraulic concretes. p. 147.
Budnikov, P. P., Kosyreva, Z. S., Kuznetsova, I. P. - Producing basalt cement and an investigation of its properties. p. 155.
Butt, IU. M., Alapov, U. - Mechanism of the effect of lime on the hardening process and the properties of building gypsum. p. 162.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Glavnoe upravlenie sakharnoi promyshlennosti Ministerstva promyshlennosti prodovol'stvennykh tovarov SSSR [Main Administration of the Sugar Industry of the Ministry of the Food Products Industry of the U.S.S.R.]. Moscow, vol. 30, no. 5, May 1956.

Table of contents translated:

Further development of sugar-beet raising and sugar industry. p. 1.
Example set by the Sosnovets motor transport column. p. 4.
Sotnichenko, L. P. - Basic means for the development of the sugar industry in the sixth five-year plan. p. 6.
Conference on the work of the bases of the Central Scientific Research Institute of the Sugar Industry in storage of sugar beets. p. 10.
Chugunov, I. G. - Settling and settling tanks. p. 12.
Bal'tser, E. B. - Multisaw machines for cutting refined sugar loaves and certain preventive measures against ignition. p. 15.
Borinovskii, K. A. - Selecting the weight of the shoe for the centrifugal coupling of the drive of the centrifuge. p. 17.
Teroshin, B. N. - Advanced methods for operating PS-1200 self-unloading centrifugals in centrifuging massecuites for the first crystallization. p. 21.
Chumakov, A. F., Makarenkova, L. A. - Corrosion protection for rotary diffusion apparatus using varnish and paint coatings. p. 25.
Vinogradov, N. V. - Efficient length of the production season. p. 28.
Gurovich, I. M. - Duration of production season in sugar sugar-factories. p. 31.
Lastovskii, E. IA. - Let us convert the Semirechye into a powerful sugar-producing center. p. 32.
Sviatenko, M. M., Vainshtein, L. B. - Potentialities for increased sugar production. p. 34.
Koval'skii, M. I. - Experience gained from the construction of the Gindosh sugar factory. p. 36.
Bal'tser, M. B. - Construction of separation stations. p. 41.
Maliuk, N. E. - Innovators of the Lvov interprises of sugar-beet trusts. p. 44.
Gorel'skii, I. P. - Steel burner for the blowtorch. p. 47.
Mezhlumov, G. A. - Our experience in repairing coal elevator chains. p. 48.
Rozhchenko, A. IA., Nevirovskii, A. IA., Dement'ev, V. T. - Experience in calcium carbite production in a sugar factory. p. 49.
Goncharenko, A. V. - Machine tool for milling of keyways. p. 52.
Lobachev, I. F. - Conversion of lime kilns from solid fuel to natural gas. p. 53.
Fridman, S. E. - Results of the preharvest foliar feeding of sugar beets. p. 55.
Amedro, A. V. - Work practice of the Vinnitsa State Farms of the Sugar-Beet Trust. p. 56.
Kholemskii, M. Z. - Storing of mother beets. p. 59.
Sugar packing machine. p. 64.
Winter sugar beets. p. 65.
Filter-press with hydraulic removal of sediment. p. 66.
Methods for increasing the sugar yield from massecuite and lowering the number of boilings of products. p. 67.
Mechanization of sugar beet harvesting. p. 68.
Comparison between the diffusion battery function and RT continuous-motion rotary diffusion apparatus. p. 70.
New developments in the production of liquid sugar in the U.S.A. p. 73.
The loss of sugar in the unused sugar beet tailings and small pieces. p. 74.
Extraction of sugar out of sugar beet. p. 74.
Unloading-stacking machine for sugar beets of the "Silver" firm. p. 74.
Consumption of sugar in West Germany in 1954-1955. p. 76.
Vilianskii, I. L. - "Collection of drawings, parts, and units of equipments." p. 77.
Silin, P. M. - "Fundamentals of Sugar Production." p. 78.
Demchinskii, N. A. - Collection of works on the exchange of advanced technical experience. p. 79.

Vol. 30, no. 6, June 1956.

Table of contents translated:

Palamarchuk, Z. N. - Improve the work relative to inventions and more efficient operation. p. 1.
Shvarts, G. S. - All-Union agricultural and industrial exhibitions. p. 4.
Girlavenko, , F. I., Mogilko, A. M. - The Krasnozvezdinskii sugar refinery in the fifth and sixth five-year plan. p. 12.
Peleshuk, V. I. - Switching of the Krasnozvezdins'kii sugar refinery to year-round work. p. 14.
Blankman, A. B. - More about creative cooperation. p. 15.
Mitrofanov, V. P. - Interuniversity scientific conference on mechanization and automatization of the processing of food products. p. 19.
Kot, IU. D. - Production of concentrated sirups in evaporator sections. p. 19.
Chugunov, L. G. - Hydrodynamic return traps. p. 20.
Kartashov, A. K., Zambrovskii, V. A. - Improvement of the standard multistage settling tank. p. 24.
Garkavyi, L. S. - Production of granulated sugar for Soviet champagne. p. 27.
Kutsenko, A. E. - Use of juice vapor condensate for feeding steam boilers. p. 30.
Smakovskii, L. I. - Transportation of sugar beets and bagasse in containers. p. 35.
Sichevoi, P. S. - Theory of slicing high-quality sugar-beet cossettes. p. 37.
Grebeniuk, S. M. - Movement of sugar-beet cossettes in continuous diffusion apparatus. p. 42.

Presniakov, P.V. - Experience gained from sowing sugar beets for seeds without transplanting. p. 47.
Nozhko, V.D., Gimmel'farb, E.I. - On the Ulianov State Sugar-Beet Farm. p. 50.
Contest for the best technical improvement in mechanized cultivation of sugar beets. p. 53.
Parshikov, M.IA. - Particularities in sugar-beet growing in France. p. 54.
Mogil'nyi, E.A. - New types of filters. p. 63.
Use of "algor" for corrosion prevention in steam boilers . p. 70.
Voronov, I.T. - First beet-sugar factory in Russia. p. 72.
Korchinskii, A.I. - The book of S.Z. Ivanov and I.P. Leposhkin "Sketches on the history of technology in the Russian sugar industry." p. 75.
Publication plan for literature dealing with sugar production. p. 78.
Chernyshov, G.I. - Marking sugar bags. p. 79.

STEKLO I KERAMIKA [ GLASS AND CERAMICS]. Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Manufacturing Industry of the U. S. S. R. ]. Moscow, vol. 13, no. 7, July 1956.

Table of contents translated:

Manvelian, M. G., and others. - Using graphite electrodes in electric glass kilns. p. 1.
Brodskii, IU. A., Tiurin, IU. M., TSoi, R. I. - Using "polirit" for the conveyor polishing of glass. p. 6.
Bartenev, G. M., Ivanova, A. I. - Methods of testing glass for strength. p. 12.
Kovalev, L. K., Shustor, R. L. - Foam glass made of locally available raw materials. p. 15.
Rost, P. P., Fadeeva, V. S. - Shaping attachments of a conveyer-belt press. p. 19.
Beznosikova, A. V., Kordonskaia, R. K. - Investigating the phase composition of a talcum-alumina sagger body. p. 23.
Anan'ichev, K. IA. - Causes for seeds and bubbles in the glass ribbon. p. 27.
Tuzov, S. N., Fronin, V. T. - Installation for increasing the heat capacity of generator gas. p. 28.
The use of zirconium refractories in the fine ceramics industry. p. 31.
Economical small tank furnace. p. 31.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMTOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R. ]. Moscow, vol. 1, no. 3, May-June 1956.

Table of contents translated:

New achievements of Russian science and technology. p. 161.
Kazantsev, B. I. - Relation between the regression of the photographic latent image centers and deviations from the law of interchangeability. p. 164
Zharkov, V. N., Dobroserdova, E. P. - Crystallization of silver halides in photographic emulsions. p. 170.
Natanson, S. V., Lifshits, E. B., Levkoev, I. I. - Causes for the lessened sensitizing activity of dyes when using nondiffusing color components. p. 174.
Kartuzhanskii, A. L. - Kinetics of development of a photographic layer irradiated by ionizing particles. p. 183.
Zelikman, V. L., Dmitrieva, V. A. - Study of the cloudiness of the unexposed developed photographic layer. p. 192.
Dorsuganov, G. V. - The durability of the emulsion layer when subjected to chemical and photographic processing. p. 200.
Vilenskii, IU. B. - Special case of vertical effect in the development of multilayer color films. p. 206.
Birukov, I. N. - The microscopic filming of living luminescent organisms. p. 209.
Gilev, S. S. - New exposure meters issued by Russian industry. p. 223.
Lialikov, K. S. - Development of xerography (electrophotography). p. 226.
Zharkov, V. N. - Physical defects in silver halides and the block structure of emulsion grains. p. 230.
Solov'ev, S. M. - New highly sensitive infrachromatic film. p. 233.
Dyn'kina, N. M. - Vertical reproduction equipment. p. 235.
Defense of dissertations. p. 236.
Book reviews:
Sheberstov, V. I. - "Publications of the Agfa scientific photographic laboratory" [in German]. p. 237.
Poll', V. G. - "Exposure meters and practical exposure control" [ in English]. J. F. Dunn. p. 237.
Istomin, G. A. - "Physical aspects of air photography" [in English]. G. C. Brock. p. 239.
Mikhailov, V. IA. - Answers to readers' letters. p. 240.

ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R. ]. Moscow, vol. 29, no. 6, June 1956.

Table of contents translated:

Vladimir Vladimirovich Ipat'ev; obituary. p. 809.
Ipat'ev, V. V., Orlova, G. M. - Kinetics of the oxidation of iron silicide in air at high temperatures. p. 811.
Orlova, G. M., Ipat'ev, V. V. - Oxidation of chromium - Si steel in air at high temperatures. p. 819.
Pudovkina, O. I., Kireeva, M. V. - Mineralogical composition of the roasted mass in bichromate manufacture. p. 828.
Zol'venskii, IA. D., Sarishvili, I. G. - Purification of gases from sulfur organic compounds by means of activated clays from deposits in the Georgian S. S. R. p. 833.
Griazev, N. N., Kuvshinova, N. I., Tarkhanova, L. A. - Depolymerizing action of the Volsk kieselguhr. p. 841.
Silsarenko, F. A., Timofeeva, E. M. - Adsorptive properties of bleaching earths from the Saratov Province. p. 847.
Miesserov, K. G. - Determination of the acidity of aluminosilicates by the carbonate process. p. 851.
Trinker, B. D. - Study of the effect of strong stabilization on the properties of cement and concrete. p. 856.
Ioshpa, I. E., Zlotnik, L. E. - Equilibrium between nitrogen dioxide and nitrososulfuric acid. p. 862.
Desiatnikov, O. G. - Surface tension of melts in the system: KCl—NaCl--$MgCl_2$ . p. 870.
Shcherbakova, A. A. - Diffusion of hydrogen through iron and binary iron-chromium and iron-nickel alloys at high pressure and temperatures. p. 879.
Pavlushenko, I. S. - Free motion of single particles in a stationary inorganic medium. p. 885.
Rozov, M. N., Trainina, T. A. - Etching of aluminum products by alkali and plant control for this operation. p. 889.
Antipin, L. N., Khudiakov, A. N. - Study of the anodic process in an aluminum bath. p. 909.
Natanson, E. M., Nekriach, E. F., Kozachok, N. N. - Effect of sodium chloride on the peptization of humic substances from peat and brown coal. p. 914.
Veidenbakh, V. A. - Chemistry of gelatin tanning. p. 918.
Dudkin, M. S., Shkantova, N. G. - Separation of cellulose from grain husk and its properties. p. 922.
Sharkov, V. I., Dobush, O. A., Kuchina, N. G. - Thermal conversion of cellulose into an easily hydrolyzed state. p. 927.
Dokunikhin, N. S., Fomicheva, A. M., Abramova, N. I. - Research in the field of polycyclic dyes. p. 930.
Freidin, B. G., Tammik, K. D. - Separation of synthetic acids by means of extractive crystallization with the aid of urea. p. 935.
Avgustnik, A. I., Vasil'ev, E. I. - Study of the thermal expansion of solid solutions of ferromagnetic materials in the system; NiO - ZnO - $Fe_2O_3$ and CuO-ZnO - $Fe_2O_3$ . p. 941.
Kurbatov, D. I., Demenev, N. V. - Solubility of niobium hydroxide in mineral acids. p. 944.
Rubtsov, M. V., Mikhlina, E. E., Furshtatova, V. IA. - Preparation of isonicotinic acid. p. 946.
Losev, V. V. - Electrochemical oxidation of iron and steel in hot concentrated alkali solutions. p. 948.
Zaleznlak, P. N., Kirsanov, N. V. - Intensification of photographic properties of gelatin by treating its solutions with bleaching clays. p. 950.
Davankov, A. B., Laufer, V. M. - Recovery of metallic gold from industrial wastes by means of synthetic resins. p. 952.
Kurishin, A. P., Fedorenko, T. P. - Oxidation of acenaphthene in sulfuric acid to naphthalic acid. p. 955.
Katsman, S. V., Mushenko, D. V. - Conversion of certain high molecular weight hydrocarbons with steam. p. 955.
Bogomolov, A. I., Andreev, P. F. - Group composition of certain petroleums of the northeastern Caucasus and a new type of petroleum. p. 957.
Orlov, V. IU., Zhavoronkov, N. M. - Separation of silicon isotopes by means of the $SiCl_4$ rectification. p. 950.

d) CIVIL & CONSTRUCTION ENGINEERING

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Organ of Ministerstvo avtomobil'nogo transporta i shosseinykh dorog SSSR [Ministry of Automotive Transport and Highways of the U. S. S. R. ]. Moscow, vol. 19, no. 6(164), June 1956.

Table of contents translated:

Editorial: Unremitting quality control in all sections of the production process. p. 2.
Vasil'ev, IU. M., Kharkhuta, N. IA. - Control of soil solidification in the field. p. 4.
Molylov, IU. L. - Experience with solidifying saline clayey soils. p. 6.
Ivanov, F. M., Manasov, N. G. - Efficient quality control of concrete mortar put into practice in a concrete plant. p. 8.
Rybakov, S. V. - Improve laboratory control of road work. p. 10.
Treskinskii, S. A. - Lack of knowledge of materials is the main cause of failures in road construction. p. 11.
Tekferd, E. S. - Building roads using sand-shell rock. p. 13.
Lebedova, G. I. - Experience with constructing precast reinforced concrete road surfaces. p. 14.
Donchenko, P. I., Ritov, M. N. - How conditions were created for an increase in labor productivity. p. 15.
Ivanov, N. N. - For further development in the theory of the strength of nonrigid pavements. p. 16.
Torenetskii, K. S. - Achievements and shortcomings in the current theory of strength of nonrigid pavements. p. 16.
Gurevich, E. G. - Standard plans for construction yards making precast reinforced concrete products. p. 20.
Studenetskii, M. V. - Geological services in the road-building industry. p. 21.
Petrushin, A. K. - Making contraction joints in freshly placed and partially hardened concrete pavements. p. 22.
Mirov, G. G. - Designating the coefficient of homogeneity of pavement concrete. p. 24.
Provintiev, I. V. - Continuous method of obtaining oxidized bitumen. p. 26.
Goglidze, V. M. - Method of determining pavement wear. p. 28.
Sulik, E. A. - Device for road oilers to permit oil delivery from the side. p. 28.
Denisov, E. M., Safronov, E. N. - Bitumen equipment with water heating. p. 29.
Golovnia, M. A. - A directive on the evaluation of road work must be worked out. p. 30.
Gorbachev, D. E. - Road concrete with chlorides added. p. 30.
Letters to the editor. p. 31.
Information. p. 32.
Foreign experience. p. 3 of cover.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 7, July 1956.

Table of contents translated:

Nikitin, P. V., Il'ichev, V. S. - Standard plans for precast concrete factories and plants. p. 229.
Rogozhkin, N. S. - Experience in installing and operating concreting combines. p. 232.
Mikhailov, A. V., Domin, B. I. - Double stressing of wire reinforcements for concrete elements on revolving tables. p. 235.
Vainshtein, G. M. - Concreting the buildings of hydroelectric power stations with the aid of concrete pumps. p. 237.
Kronganz, S. D. - Improving the heat-moisture treatment of concrete and reducing the consumption of steam in the chambers. p. 242.
Nikitin, N. V. - Method of building up an optimum assortment of standard supporting members for precast concrete construction. p. 244.
Kolokolov, N. M., Silin, K. S. - Experience making and using centrifuged tubular reinforced concrete elements in China. p. 249.
Skramtaev, D. G. - Coarse porous concrete practice abroad. p. 253.
Mironov, S. A., Ponomarev, K. K. - Concrete for protection against radiation. p. 259.
Using metal screen forms. p. 262.
Infrared heating in concrete production. p. 264.
Some data of an investigation on the strength of concrete using ultrasonic waves. p. 266.
Two-stage heat-moisture processing of concrete. p. 268.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 13, no. 6, June 1956.

Driving, IA.IA., Malinin, N.V. - Overall dimensions for all-purpose industrial buildings of principal and auxiliary shops of machinery construction plants. p. 4.
Liudkovskii, I.G. - Prestressed reinforced elements for roofs of industrial buildings. p. 10.
Bodianskii, B.A., Kosmachev, A.D. - Rapid method of determining the heat treatment for reinforced concrete products based on various cements. p. 15.
Tumanov, I.M. - Revolving table for semiautomatic welding of the bottoms of cylindrical vessels. p. 16.
Braverman, S.M. - Prime coat concentrates in painting. p. 17.
Posysaev, A.I. - Rapid-filling pressure vessel with automatic mixing of the paint compound. p. 18.
Nikol'skii, V.N. - Use of mineral wool mats in bundles made of synthetic resins for sound insulating walls. p. 20.
On the "Directive concerning building plans and estimates for industrial housing, and public building construction." p. 21.
Procedure for using the "Unified regional unit prices." p. 26.
"Directives on setting up norms for engineering plans and technico-economic indices by branches of industry and types of operation." p. 28.
Calculating operational loads in designing silos. p. 30.
Heat conductivity coefficient of slag concretes prepared with granulated blast-furnace slag and slag binders. p. 31.
Attaching the axis of a crane track to the axis of a series of columns. p. 32.
All-Union State Standard for general-purpose electric single-beam suspension cranes. p. 33.
All-Union State Standard for doors (locks and latches). p. 34.
Kovel'man, I.A. - Production and use of "Ytong" gas concrete products abroad. p. 35.
Water well equipment. p. 39.
Bibliography. p. 45.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Published by Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 25, no. 3, Apr. 1956.

Table of contents translated:

Vasilenko, P.I. - For further utilization of precast and reinforced concrete. p. 1.
Allas, E.E. - Draining of trenches in building the Kakhovka Hydroelectric Power Station. p. 8.
Tavrizov, V.M. - Breaking down banks with explosives to facilitate the operation of hydraulic pipeline dredges. p. 13.
Medvedev, V.M., Vtorov, N.A., Korolev, G.G. - Increasing the frost resistance of steamed concrete used in slab envelopes. p. 15.
Duginets, N.D. - Using water-jet pumps to lower ground water. p. 20.
Podborskii, L.E., Samoilov, O.P., Semenov, G.M. - Set of devices for transporting concrete mortar with the use of concrete pumps. p. 22.
Lomize, G.M., Netushil, A.V. - Using electroosmosis in lowering ground water level. p. 26.
Zal'kindson, E.I. - Some problems of design of the mechanical equipment of gate installations in river hydroelectric power stations. p. 31.
Vasiliskov, P.A., and others. - Study of water accumulated under snow and calculation of maximum accumulations in planning hydroelectric power stations. p. 37.
Babikov, D.N. - Calculating the distribution of flow of floating anchor ice according to stream depth. p. 39.
Arsenishvili, K.I. - Criteria of wave formation in channels with wide slopes. p. 41.
[illegible] ing the characteristics of combined [illegible] lge and spoil pipe for setting up [illegible] ions for hydromechanical
[illegible] ck of spillways. p. 51.
[illegible] ic solution in calculating [illegible] ong circular-cylindrical
[illegible] in sandy soils. p. 55.
[illegible] e with producing concrete [illegible] ium method. p. 56.
[illegible] al conference on concrete [illegible]. 58.
[illegible] of supports under a [illegible] ver using precast con-
[illegible] on problems of leaching [illegible] nection with hydraulic
[illegible] g, water power and
[illegible] nslated:
[illegible] stressed reinforced [illegible] Hydroelectric Power
[illegible] e engine house of a [illegible] using prestressed pre-
[illegible] L.A. - Water power re- [illegible] 3.
[illegible] level for selecting
hydroelectric power station capacity. p. 21.
Kuskov, L.S., Polin, Kh. M. - Calculating maximum flow of river water in planning hydraulic structures. p. 25.
Zagriazhskii, A.A. - Sizing blocks by concreting. p. 28.
IUng, V.N., and others. - Resistance of hydraulic engineering concretes to water attrition. p. 34.
Gavriiko, V.M. - On the use of asphalt concrete filters. p. 39.
Shekhter, O.IA. - Calculating vibrators used in sinking piles. p. 41.
Knoroz, V.S. - Formation of natural bars due to river bottom wash. p. 45.
Khachatrian, R.M. - Shaft-type anchor ice chute. p. 48.
Shestakov, V.M. - Calculating filtration in a three-layer medium. p. 52.
Zolotarev, A.G. - Problem of using reinforced elements in hydraulic structures. p. 54.
Edel', IU.U. - Concerning I.N. Shtang's article "Investigation of the flow passage of hydraulic turbines." p. 56.
Dadaev, G.T. - Building trenches in water saturated soils. p. 56.
Sokolov, V.A. - Navigation locks on the Danube in Austria. p. 57.
Gugo, IA.V. - New design for cross-country vehicles. p. 58.
Books on hydraulic engineering, hydroelectric power and related fields. p. 59.
Articles on hydraulic engineering, hydroelectic power and related fields. p. 59.

Vol. 25, no. 5, June 1956.

Table of contents translated:

Moiseev, S.N. - Experience with building the dam of the Irkutsk Hydroelectric Power Station. p. 1.
Izbash, S.V., Khaldre, Kh. IU. - Evaluating the conditions for river damming and fill materials. p. 6.
Emtsev, B.T. - Hydraulic calculation of the process of damming rivers by rock fill in the stream. p. 10.
Volnin, B.A. - Drainage design using the wash method. p. 15.
Vidineev, IU.D. - Continuous-operation volumetric belt batcher. p. 17.
Mikulovich, B.F., Osipov, A.D. - Rubber keys for precast slabs used for channel facing. p. 20.
Roza, S.A. - Creep phenomena in soil skeletons during the process of consolidation. p. 23.
Nel'son-Skorniakov, F.B. - Filtration through a dam having a drainage bank on permeable and impermeable foundations. p. 28.
Polikovskii, V.I., Perel'man, R.G. - Determining the load on sluice gates during the inflow at the funnels of solid floating bodies. p. 31.
Altunin, S.T., Buzunov, I.A. - Calculations for river channels at water intake works. p. 36.
Skladnev, M.F. - Surface-bottom system of a hydraulic jump on the surface. p. 41.
Belova, M.N. - On the theory of pneumatic wave extinguishing. p. 46.
Snitsar, IA.E. - Construction of a pressure tunnel of a small hydroelectric power plant on the Smotrich River. p. 48.
Zolotarev, A.G. - On using cable cranes in building hydraulic structures. p. 49.
Aivaz'ian, V.G. - Construction of hydraulic structures abroad. p. 51.
From the pages of foreign journals. p. 56.
Lipkind, V.M. - Regional technical conference on the use of precast reinforced concrete. p. 57.
V.S. Baumgart; obituary. p. 58.
M.A. Mostkov; obituary. p. 59.
Rusanov, L.N. - Sluices and locks. p. 59.
Articles on hydraulic engineering, water power and related fields. p. 64.

Vol. 25, no. 6, July 1956.

Table of contents translated:

Loginov, F.G. - Toward new achievements in building hydroelectric power installations. p. 1.
Ogurtsov, A.I. - Filling the river channel dam of the Kuybyshev Hydroelectric Power Station. p. 5.
Smorodinov, M.I. - Sinking cofferdam piles in building the Kuybyshev Hydroelectric Power Station. p. 9.
Mirzaev, IA.P. - Sand-gravel dams. p. 13.
Kurinnyi, T.G., Medvedev, V.M., Shisho, G.A. - Investigation under natural conditions of "cold" concreting. p. 14.
Glebov, P.D., Popchenko, S.N. - Filling the seams of hydraulic structures with cold asphalt mastics. p. 18.
Luskin, Z.D. - Calculating and distributing the expenditures and losses of the national economy in creating water reservoirs for hydroelectric power stations. p. 23.
Chugaev, R.R. - New method of calculating the movement of ground water under hydraulic structures. p. 27.
Kushnarev, D.M., IArushin, M.I. - Control of water filtration from channels by discharge of explosives. p. 33.
IUr'ev, K.V., Kodochigov, P.N. - Determining soil compactness by gamma ray investigation. p. 36.
Ivanov, P.L. - Effect of loading on the dilution of water saturated sandy foundations. p. 42.
Savel'ev, V.I. - Structural strength of slimy soils. p. 46.
Fedorov, E.P. - Causes of wave formation in chute spillways and measures to prevent it. p. 46.
Mironov, G.E. - Testing reinforced trusses at the Gorkiy Hydroelectric Power Station. p. 51.
Sidorov, V.S. - Using distributing valves in the S-284 concrete pump pipelines. p. 52.
Stol'nikov, V.V. - International congress on wintertime concrete work. p. 53.
From the pages of foreign journals. p. 57.
Shumel', S.S. - Conference held by planning and research organizations. p. 61.
Birthday of Professor E.V. Blizniak noted. p. 62.
Articles on hydraulic engineering, hydroelectric power and related fields. p. 63.
For the attention of authors. p. 3 of cover.

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Council of Workers' Deputies]. Moscow, vol. 30, no. 6, June 1956.

Table of contents translated:

Raise the quality indices of major apartment house repairing. p. 1.
Aleksander, K.E. - Immediate tasks in developing the Moscow subway. p. 4.
Maksimov, S.IA. - Precast concrete poles for street lighting and contact wires for streetcars and trolley buses. p. 10.
Prokhorova, M.I. - Spring flower show. p. 13.
Improving the operation of passenger elevators. p. 21.
Egorov, I.E., Vishnevetskii, I.M. - Ways of improving Moscow's elevator industry. p. 21.
Pekker, A.N. - Create an office for the operation and repair of elevators; increase the scope of dispatcher work. p. 26.
Voronets, V.S. - Improve the quality of repair work; create an interest in the service personnel. p. 27.
Korotov, M.G. - The main thing in a correct organization of preventive and routine repair work. p. 29.
Letichevskii, I.M. - Mechanical drying of laundry. p. 30.
Burtsev, S.A., Kalashnikova, A.P. - Efficiency innovator road workers. p. 32.
Skramtaev, B.G. - Reinforced concrete poles and columns. p. 36.
Brief news. p. 38.
New books on municipal economy. p. 3 of cover.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 13, no. 6, June 1956.

Table of contents translated:

Pashchenko, N.E. - Consolidation and specialization of building organizations is the road to improvement in the construction industry. p. 3.
Egnus, M.IA. - Mechanizing the construction work of the Main Administration of the Moscow Housing and Public Building Construction Trust. p. 5.
Kir'ianov, A.P. - Mechanizing the construction of underground structures. p. 10.
Adamenko, E.V., Kleinerman, I.N. - Improve the utilization of tower cranes. p. 14.
Belov, S.V., Smirnov, G.IA. - Using machinery for the mechanization of loading and unloading. p. 17.
Pavlidis, A.K. - Machinery and equipment for mechanizing finishing work. p. 22.
Blokhin, V.V. - Repair organizations. p. 26.
Konstantinov, K.M., Stankovskii, A.P. - New machinery for mechanizing construction work. p. 28.
Kozlovskii, A.A. - "Concrete-press" machine. p. 34.
Kodkin, A.I. - Elevators for carrying loads and personnel in construction work. p. 36.
Blank, L.I. - Outstanding work methods. p. 38.
Samoilov, E.I. - Combined work teams for earthwork. p. 40.

Vol. 13, no. 7, July 1956.

Table of contents translated:

Razin, N.V. - Mechanization of labor consuming work in building the Kuybyshev Hydroelectric Power Station. p. 3.
Poletaev, A.S. - Experience with operating concrete plants of periodic activity. p. 8.
Ivanov, B.V. - Experience with running a continuous operation concrete plant. p. 15.
IAkubovskii, B.V. - Using prestressed reinforced concrete elements in the Kuybyshev Hydraulic Power Project. p. 21.
Ivanov, B.V. - Experience with introducing mechanized unloading of cement. p. 24.
Gor'kov, A.V. - Experience in operating rock crushing plants. p. 28.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT OSNOVANII I FUNDAMENTOV. Trudy (or Sbornik trudov) [SCIENTIFIC RESEARCH INSTITUTE OF BEDDING AND FOUNDATIONS. Transactions]. No. 17, 1952. Iskusstvennoe zakreplenie gruntov [Artificial strengthening of soils].

Table of contents translated:

Foreword. p. 3.
Rzhanitsyn, B.A. - Physicochemical methods of transforming subsoils. p. 5.
Askalonov, V.V. - Single mixture process of silicifying

B 16d - e

Manevich, A. - First district inter-collective farm construction organization of the province. p. 10.
Minukhin, E. - New standard plans for farm buildings. p. 11.
Pechatnikov, E. - Electrification of Orel Province collective farms. p. 13.
Andrianov, I. - Let's train 1400 collective farm builders. p. 13.
Collective farm athletic field. p. 14.
Leaders in rural construction. p. 19.
Bashkovich, L., Zinichev, V. - Safety techniques in lumbering. p. 20.
Birkengof, A. - Safety techniques in basic construction work on collective farms. p. 22.
Amitin, I. - Safety techniques in stone quarries. p. 24.
Katel'va, G. - Barn without stalls for keeping cows. p. 26.
Efficiency proposals. p. 28.
Letters from our readers. p. 29.
Consultation. p. 30.
Information. p. 32.
New books. p. 3 of cover.

STROITEL'NAIA PROMYSHLENNOST' [BUILDING INDUSTRY]. Organ of Ministerstvo stroitel'stva [Ministry of Construction]. Moscow, vol. 34, no. 6, June 1956.

Table of contents translated:

Podlepa, A.P., Shkliar, B.I. - Advanced experience in organizing work in the Krivoi Rog Basin Mine Construction Trust. p. 2.
Komar, A.N., Khokholev, K.I, Dudnik, F.S., - Producing large-sized wall blocks from local materials. p. 5.
Grechushnikov, G.N., Sheffa, N.F. - Welding one-dimensional and three-dimentional reinforcement frames on the MTP-75 and MTP-100 welding machines. p. 8.
Nikitin, V.V. - Erecting the antenna tower of the Sverdlovsk television centor. p. 10.
Savinov, O.A., Godes, E.G. - Using vibration drills in boring artesian wells. p. 13.
Boloban, N.A. - Experience with preparing and erecting precast reinforced concrete construction elements. p. 17.
Sverdlov, P.M., Ioffe, IU.R. - Main building of the electric power plant made of precast reinforced concrete. p. 20.
Gol'denblat, I.I., Korenev, B.G., Sizov, A.M. - Snow loads in the building norms and regulations. p. 25.
Prykin, B.V. - The effect of pressing on the strength of concrete. p. 28.
Kananov, N.K., - Calculating excentrically loaded foundations allowing for conjoint wall loading. p. 30.
Bershtein, D.O., Krass, IA.R. - Experience in producing xylolith products for building using local magnesian binding materials. p. 32.
Kaufman, B.N. - Decorative acoustical plasters. p. 34
Rats, B.R. - Analysis of indices of mechanization in building. p. 37.
Pogosov, A.G., Neevin, E.A., Afanas'ev, IU.N. - Arched warehouse made of prestressed reinforced elements. p. 41.

Vol. 34, no. 7, July 1956.

Table of contents translated:

Slipchenko, F. A. - Problems of improving the extraction of nonmineral building materials. p. 2.
IAkobson, IA. M., Kreindlin, A. N. - Combination construction yards for producing reinforced concrete products. p. 5.
Godes, E. G. - Efficient methods for underwater blasting work. p. 8.
Smal', S. I. - Semiautomatic sling ropes for mounting steel and reinforced concrete construction elements. p. 11.
Prokof'ev, V. I. - On the effective carrying capacity of lifting and mounting ropes and their connections. p. 15.
Gervids, I. A. - Technological factors in producing building blocks from porous clay materials. p. 20.
Govorov, A. A., TSal'man, L. B. - Improve the quality of rimming steel. p. 23.
Kostiukovskii, M. G., Dobromyslov, N. S., Ushakov, N. A. - Unified construction parameters and dimensions for shop buildings of steel plants. p. 27.
Mandrikov, A. P. - Planning and constructing buildings over mines. p. 30.
Michnik, S. P. - Trenchless laying of pipes by the hydraulic push-through method. p. 35.
Korzukov, I. A. - Reconstruction and repair of an 18-chamber ring kiln without stopping operation. p. 36.
Gol'dberg, P. R. - Two-layer rubberoid scaly roofing material made of shaped tiles and semitiles. p. 38.
Mironov, S. A. - The international congress on winter-time concrete construction. p. 39.
Shatalov, D. A. - Prestressed reinforced concrete construction elements. p. 42.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva [Ministry of Construction for the Transportation Industry]. Moscow, vol. 6, no. 6, June 1956.

Table of contents translated:

Zakharov, V. V. - Technical and economic bases of standard building plans for structures of the transport industry. p. 1.
Kolokolov, N. M. - Caissonless foundations for large bridges. p. 4.
Barenboim, I. IU. - Experience in building bridges using mass production methods. p. 8.
Andreev, V. G. - Continuous-operation construction of a large bridge. p. 13.
Milelkovskii, M. A. - Building precast concrete trestles for an unclassified bridge. p. 15.
Dubovskii, IA. K. - Making and placing prestressed reinforced concrete bridge spans. p. 18.
Results of a discussion of roadbed construction problems as related to a revision of the Engineering Instructions. p. 21.
Shpakov, B. V., Shumilov, A. N., Shcherbakov, A. V. - Construction of small station buildings using reinforced concrete panels. p. 25.
Sazonov, A. M. - Unit laying of track on reinforced concrete ties. p. 26.
Pravotorov, V. A. - Strength of outlet channels for small bridges. p. 28.
Pustovalov, E. V. - In the All-Union Scientific Research Institute of Transportation Construction. p. 28.
Lobachevskii, B. G., Nosachev, I. P. - Water insulation in rapid pipeline construction. p. 29.
Posel'skii, N. P. - Device for timing the operation of hydraulic pipeline dredges. p. 30.
Kon', IA. S. - Insect protection measures. p. 31.
Nikitenko, F. A., Shneider, Sh. M. - Principles of geology for railroad builders. p. 32.
New books. p. 3 of cover.

TSEMENT [CEMENT]. Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Industry of the U. S. S. R.]. Moscow, vol. 22, no. 2, Mar.-Apr. 1956.

Table of contents translated:

Speediest fulfillment of directives gives by the 20th Congress of the Communist Party of the Soviet Union. p. 1.
Nikulin, K. V., Lur'e, IU. S. - New technological equipment for cement mills. p. 4.
Mikol'skii, IU. N., Belevitskii, A. M., Vinshtein, E. S. - Kilns with conveyer calcinators put in operation at the Krivoy Rog cement mill. p. 12.
Irinarkhov, N. S. - Types of electric motors used as drive for the main equipment at cement mills. p. 15.
Lanin, V. S. - Automatic control of coal mills. p. 17.
Butt, IU. M., Rashkovich, L. N. - Interaction of portland cement and crystalline silica during treatment in autoclaves. p. 21.
Bogdanova, I. V. - High-speed determination of the quantity of gypsum in cement by the cation-exchange method. p. 27.
Malorova, T. I., Ermakova, V. A. - High-speed method for determining the amount of hydraulic admixtures and gypsum in cement on the basis of one batch. p. 29.
Bystrov, S. N. - Preventing the formation of cracks in rotary kiln recuperator funnels. p. 30.
Ogandzhanova, S. S., Petrenko, A. M. - Apparatus for making cement paste. p. 31.
From the pages of periodicals: Cement industries in France. p. 32.
Bibliography. p. 3 of cover.

VODOSNABZHENIE I SANITARNAIA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 5, May 1956.

Table of contents translated:

Ladygin, V. F. - Cast iron boilers with high temperature heat-carrying agents. p. 1.
Fomichev, B. I. - Operating characteristics of boilers produced by the All-Union Scientific Research Institute for Sanitary Engineering Equipment-M (ch) in individual heating systems for buildings of few stories. p. 4.
Chardin, S. I. - Levelling the graph of heat use in mechanical laundries. p. 8.
Mukurdumov, R. M. - Some considerations of earthquake resistance of underground pipes. p. 12.
Karpinskii, A. A., Karlukhina, T. A. - Investigation of the work efficiency of the primary sedimentation tanks of the Kur'ianov aeration station. p. 17.
Baturin, E. B. - Concentrations of petroleum products in reverse water supply systems of petroleum refineries. p. 21.
Changes in standards. p. 25.
Mitnitskii, R. G. - Water heater using liquid fuel. p. 26.
Urovich, A. - Power-driven machine for cutting cast-iron sewer pipes and fittings. p. 27.
Likhid'ko, N. A. - Device for measuring the fall in water level at the screen of a water intake. p. 28.
Birlukov, A. A. - On the quality of plumbing equipment. p. 29.
Karelin, IA. A. - Mechanical and chemical purification of industrial waste water of a Philadelphia refinery. p. 32.
Livchak, I. F. - Congress of sanitary engineers in Budapest. p. 36.
Conference on improving the quality of ventilators used for sanitary engineering purposes. p. 38.
Annotated bibliography. p. 39.

## c) ELECTRICAL ENGINEERING

AKADEMIIA NAUK SSSR. Laboratoriia po razrabotke nauchnykh problem provodnoi sviazi. Sbornik nauchnykh rabot po provodnoi sviazi [ACADEMY OF SCIENCES OF THE U. S. S. R. Research and Development Laboratory of Wire Communication. Collection of Scientific Works in Wire Communication]. Moscow, no. 5, 1956.

Table of contents translated:

Foreword. p. 3.
Kovalenkov, V. I. - Attenuation of phase along a three-wire line used for communication purposes. p. 5.
Shtein, V. M. - Investigation of the effect of an accompanying flow on the quality of the television image and normalizing the magnitude of the accompanying flow. p. 9.
Zhdanov, I. M. - Subdividing city telephone systems into exchange districts. p. 25.
Roginskii, V. N. - Setting up multicontact relay circuits with inclusion of condensers. p. 65.
Kharkevich, A. D. - Designing fully practicable switch systems. p. 79.
Lazarev, V. G. - Determining the minimum number of intermediate relays in designing multicontact circuits. p. 93.
TSemel', G. I. - Correcting signal distortions according to time characteristics. p. 104.
Work of the laboratory seminar on scientific problems in wire communication carried out in the first half of 1954. p. 118.

ATOMNAIA ENERGHIA [ATOMIC ENERGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 3, 1956.

Table of contents translated:

Kurchatov, I. V. - Problems in the development of atomic power in the U. S. S. R. p. 5.
Kalashnikova, V. I., and others. - On the number of neutrons emitted by $Pu^{239}$ in a fission process induced by thermal and epithermal neutrons. p. 11.
Spivak, P. E., and others. - Determining the average number of neutrons $\nu_{eff}$ emitted in a single capture event of $U^{233}$, $U^{235}$, and $Pu^{239}$ isotopes in the epithermal neutron energy zone. p. 13.
Spivak, P. E., and others. - Average number of neutrons $\nu_{eff}$ emitted by $U^{233}$, $U^{235}$ and $Pu^{239}$ in the capture of 30 - 900 Kev energy neutrons. p. 21.
Erozolimskii, B. G., and others. - Measuring the average number of neutrons emitted per single capture, $\nu_{eff}$ for $Pu^{239}$ specimens with $Pu^{240}$ admixture and the effective resonance capture integral of $Pu^{240}$. p. 27.
Barkov, L. M., Mukhin, K. N. - Moderation of fission neutrons by water. p. 31.
Barkov, L. M., Makar'in, V. K., Mukhin, K. N. - Measuring neutron moderation by water in the interval of 1,46 - 0,025 ev energies. p. 33.
Barkov, L. M., Venediktov, A. P., Mukhin, K. N. - Moderation of fission neutrons by uranium-water lattices. p. 40.
Gorlunov, A. F. - Scattering of slow neutrons by water molecules. p. 46.
Drozdov, S. I. - Neutron scattering in para- and ortho-hydrogen. p. 50.
Komissarov, L. V., Taraban'ko, V. A. - Determining the relative breeding ration of $Pu^{239}$ in lattices made of natural uranium and ordinary water. p. 56.
Katkov, V. P., Nikol'skii, IU. V., Stoliarov, G. A. - Determining average fission cross section factors for $Pu^{239}$ and $U^{235}$ in uranium-water lattices. p. 61.
Kurchatov, I. V. - Feasibility of producing thermonuclear reactions in gaseous discharges. p. 65.
Artsimovich, L. A., and others. - Investigating pulse discharges at high currents. p. 76.
Leontovich, M. A., Osovich, S. M. - Pressure mechanism of the current in rapid and powerful gaseous discharges. p. 81.
Artsimovich, L. A., and others. - Hard radiation emitted by pulse discharges. p. 84.
Luk'ianov, S. IU., Sinitsyn, V. I. - Spectroscopic investigations of powerful pulse discharges in hydrogen. p. 88.
Luk'ianov, S. IU., Podgornyi, I. M. - Hard X-ray emission accompanying discharges in gases. p. 97.
Vavilov, V. S. - Solar batteries (on the direct conversion of radiation energy into electrical energy by means of photoelectric cells). p. 107.
Fomin, V. V., Kartushova, R. E., Rudenko, T. I. - Decomposition of plutonium oxalates under the effect of intrinsic alpha-ray emission. p. 117.
Emel'ianov, V. S., Bystrov, P. D., Evstiukhin, A. I. - Investigating the oldide technique used for zirconium purification. p. 122.
Polikarpova, V. A. - "Nenadkevit," a new uranium silicate. p. 132.
Getseva, R. V. - "Hydronasturan" and "Urgit," new minerals from the uranium hydroxide group. p. 135.
Kuz'minskii, A. S., Nikitina, T. S., Karpov, V. L. -

Certain characteristics of the radiation technique used in rubber vulcanization. p.137.
Construction of research reactors in England. p.141.
A reactor with an organic moderator. p.143.
Economic efficiency of atomic power plants. p.143.
Improved film dosimetry technique. p.144.
Dosimetry by means of glass. p.145.
Producing gram quantities of metallic plutonium. p.147.
V.S. - New literature on topics related to the use of atomic energy for peaceful purposes. p.149.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 27, no. 6, June 1956.

Table of contents translated:

Editorial: Technical progress in power engineering in the U.S.S.R. in the sixth five-year plan. p.1.
Varavitskii, I.B., and others. - Operation of a small-size economizer. p.5.
Rukovanov, B.P. - Purification of water vapor by the method of repeated selfwashing. p.9.
Smirnov, A.P. - Intensifying the combustion of moist block peat. p.12.
Aleksandrov, A.N., and others. - Testing the antioxidant VTI-8 in the oil systems of turbine installations. p.14.
Avrukh, A.IA. - Principal tasks in lowering the cost of power in the sixth five-year plan. p.20.
Veksel'man, O.G. - Calculation of straight-line flexible wooden poles in connection with abnormal transmission line conditions. p.23.
Livshits, S.M. - More about the use of synchronous motors. p.26.
Vlaiskin, B.IA., Kuznetsov, S.A., Mikhailova, A.P. - AST-4 automatic synchronizer with fixed advance. p.29.
Zvezdkin, V.N., Izraelit, G.B. - Testing the insulation of large electric machines. p.32.
Lokshin, M.V. - Errors in measuring tgδ and the capacitance of transformer windings due to the effect of inductance. p.36.
Bellakov, N.N. - Designing substations for the electrification of agriculture. p.37.
Agafonov, A.V. - Air chute for feeding pulverized coal. p.40.
Milakov, M.E., and others. - Gas relay protection of power transformers. p.41.
Chaadaev, V.A. - Artificial lighting of large open construction sites. p.46.
Bozhko, L.F. - Installation of large reinforced concrete elements. p.48.
Pekker, IA.L., Turlianskii, L.A. - Installation of additional pulverizers for burning anthracite culm. p.49.
Avaliani, G.V., Boroznegovskaia, V.N. - Increasing the efficiency of grinding lean coal in a resoluter pulverizer. p.50.
Vadzinskii, V.V. - Burning Ukhta boiler fuel in boilers. p.51.
Parkhomenko, P.P. - Reducing the temperature in the abutment of a turbine-generator unit. p.53.
Avrutin, S.G. - Electromechanical regulator of the level and recirculation of condensate in a turbine condenser. p.53.
Obbarius, V.I. - Simplified starting of propeller-type circulation pumps. p.55.
Dubinskii, N.B., Kochetkov, V.M. - Repairing hydraulic-turbine generators in which the fastening of active steel to the stator is faulty. p.57.
Poslinkas, V.V. - Compounding a generator with automatic suppression of the field without disconnecting the rotor winding. p.58.
Dubinin, L.G. - Long operation of a hydrogenerator with a nonsynchronous load. p.58.
Musatov, T.P. - Apparatus for hoisting the removable part of transformers in substations. p.59.
Bolen'kii, L.S. - Testing a 35 kv disconnecting switch for breaking no-load current of the 1800 kv-a transformer. p.60.
Kleshchinskii, A.IA. - Use of pneumatic operating mechanisms. p.60.
Grushvitskaia, O.N. - Cleaning insulators. p.61.
On the discussion of air leaks in convection shafts of boiler installations. p.62.
Ten and thirty-five kv. gas-filled cables. p.62.
Measuring damping ratios of moving blades on the turbine rotor. p.62.
Amendments in directives. p.63.
New books on power engineering. p.64.

ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR, Ministerstvo elektrostantsii SSSR, and Ministerstvo elektrotekhnicheskoi promyshlennosti SSSR [Academy of Sciences of the U.S.S.R., Ministry of Electric Power Stations of the U.S.S.R., and Ministry of Electric Equipment of the U.S.S.R.]. Moscow, no. 6, June 1956.

Table of contents translated:

Andreev, S.IA. - Eliminating excesses in planning electric power plants and equipment. p.1.
Lukhtanov, F.V., Gordzievich, L.S. - Kakhovka Hydroelectric Power Station. p.5.
Kurenev, S.I. - Representation of the magnetic field of circular currents by spheroid functions. p.9.
Talyshinskii, I.T. - Calculation of a cylindrical inductor with a closed magnetic circuit. p.11.
Koshevnikov, K.I. - Diagram of the current of the motor for auxiliary equipment of rolling mills. p.15.
Aleksandrov, N.N. - Maximum torque of the electromagnetic asynchronous clutch. p.22.
Inosov, V.L., Krutikova, V.E. - Synchronous motor with compound excitation. p.26.
Biukhin, A.I. - Minimum starting torque of an asynchronous motor with contactor control. p.29.
Andrianov, K.A., Sokolov, N.N. - Thermoelasticity of organosilicon dielectrics. p.31.
Kolomiets, B.T., Olesk, A.O. - Characteristics of photoresistance cells of semicrystalline cadmium sulfide. p.35.
Privezentsev, V.A. - Winding wire. p.39.
Morozov, A.A. - Calculation of load and emergency reserves. p.43.
Shishman, D.V. - Protection of rural electric installations from lightning surges. p.47.
Belonogov, G.G. - Theory of the linear quadripole and the multipole. p.51.
Neiman, L.R., and others. - Group connection of electron tubes as a means for increasing the reliability of high-power converters. p.54.
Golubchin, G.N., Sena, L.A. - Importance of mercury drops in the occurrence of arc-backs. p.60.
Pimonov, V.P., Posse, A.V. - Overturn of inverters. p.65.
Chebotarev, E.V. - Regulation of tramway drain systems. p.70.
Povitskii, V.P., B'gekil, F.E. - Characteristics of an interference suppression system. p.73.
Kononov, V.P. - Model for the study of hydraulic conditions in heat supply systems. p.78.
Bugaev, G.A. Stability of the time lag of electromagnetic time relays. p.81.
Bel'kind., L.D. - Aleksandr Il'ich Shpakovskii. p.83.
Plants for testing high-voltage circuit breakers. p.84.
Wear of the trolley wire of a trolley bus system. p.86.
Inverter equipment of railroad traction substations. p.87.
Variconds [highly nonlinear seignettoelectric ceramics]. p.90.
In the Electric Energy Committee of the United Nations. p.92.
Mironov, E.P. - Conference of readers of "Elektrichestvo" in Rostov-on-Don. p.92.
Conference on semiconductor rectifiers. p.93.
Academician Vasilii Petrovich Nikitin; obituary. p.94.
Ultrasonic method of determining defects in large insulators. p.95.
Necessary explanation. p.95.
New books on electricity and electrical engineering. p.95
Greisukh, M.V. - "Electric equipment of concentrating mills." I.L. Koval'skii. p.96.

ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R.]. Moscow, vol. 10, no. 7, July 1956.

Table of contents translated:

Oksman, A.K. - Demodulation of modulated television signals having asymmetrical side bands. p.3.
Krivosheev, M.I. - New methods of measuring the characteristics of television channels. p.22.
Aksenov, V.N. - Construction and calculation of electron-bridge control circuits with ionic rectifiers. p.31.
Terent'ev, B.P. - High-frequency wattmeter. p.42.
Semonov, K.A. - Attenuation of high- and low-frequency type m filters. p.50.
Shimko, G.N. - Investigation of the dielectric properties of sleet and hoarfrost. p.60.
Shvartsman, V.O. - Maintenance of gas pressure cables. p.72.
From foreign journals; short notices. p.79.
New patents. p.80.

Vol. 10, no. 8, Aug. 1956.

Table of contents translated:

Levin, G.A., Vazhenina, Z.P. - Controlling the frequency of electron-tube generators with the aid of reactive tubes. p.3.
Krize, S.N. - Effect of nonlinear characteristics in tubes on the transient processes in amplitude cascades having cathode loading. p.18.
Kliaznik, V.A. - Suppression of pulse noise by compensation methods. p.25.
Utkin, G.M. - New method of controlling the frequency of self-excited oscillators. p.36.
Zeliakh, E.V., Velikin, IA.I. - Narrow band piezoelectric filters. p.39.
Cherne, Kh.I. - Using inductance coils with outlets in electric filters. p.52.
Kiselgof, B.Z. - Evaluating the resistance to interference in phototelegraphic transmissions. p.60.
Grigor'ev, V.I. - Optimum communication quality indices for subscriber telegraph. p.69.
Koblents, IA.G. - Equivalent circuit for separating bridges of 10-terminal step-by-step automatic telephone systems. p.74.
From foreign journals; brief reviews. p.77.
New books. p.79.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 4, no. 7, July 1956.

Table of contents translated:

Shlionzberg, IU.A., Khrol', A.A. - Automation of boiler sections of industrial establishments. p.1.
Golianskii, Sh.TS. - Use of radioactive isotopes to detect defects in fittings and welded joints. p.5.
Tarasov, N.IA. - Electrical networks in France. p.6.
Levin, I.I. - Reduction of losses in burning anthracite on chain grates. p.12.
Ivanov, A.E. - Removal of scale deposits in Shukhov and Shukhov-Berlin boilers. p.15.
Ivanov, K.A., Tochenov, A.A., Kuznetsov, P.P. - Balancing the rotor of a steam turbine. p.17.
Bukin, V.G. - Graphite carbon packings in turbine control valves. p.17.
Gidon, L.M. - Elimination of "racing" in steam engines. p.19.
Kosolapov, I.I. - Portable pipe cutter. p.20.
Borisov, V.V. - Electrical protection of pipelines against corrosion. p.21.
Sumishevskii, S.I. - Soldering the commutator risers of the armature winding of an exciter without dismantling the hydrogenerator. p.22.
Gritseniuk, S.IU., TSelikovskii, I.I. - Improving the reliability of exciters. p.22.
Cherepanov, A.I. - Armature winding device. p.23.
Abramov, A.G., Shmakov, V.N. - Inductive self-regulating starting rheostat for asynchronous motors with wound rotor. p.23.
Ivanov, G.A. - Modernization of the KT-type crane motor. p.25.
Zetserov, B.M. - Some aspects of the adjustment of VM-35 circuit breakers. p.26.
Gress, I.I. - Assembly for attaching track-limit switches on type B electric drives. p.27.
Gavrilov, V.S. - Device for limiting height of lift on electric pulley blocks. p.28.
Melkilar, M.V. - New types of TKZ boilers. p.30.
Loginov, M.A. - Checking the wear in boiler tubes. p.34.
Proshchin, E.A. - Joining of GTSh 6 kv three-strand flexible cables with rubber insulation. p.35.
System of drainage in power stations. p.38.
Operation of PK-30 engines. p.39.
List of books published in 1955. p.40.
Distribution cabinets up to 10 kv, 1600 a. p. 3 of cover.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Serlia: Elektrotekhnicheskaia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Electric Equipment Industry]. Nos. 30-32, July-Aug. 1956.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Serlia: Radiotekhnicheskaia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Radio Equipment Industry]. Nos. 28-34, July-Aug. 1956.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 11, no. 5, May 1956.

Table of contents translated:

Vol'khina, V.N., Lovental', G.B., Melent'ev, L.A. - Use of small and medium back-pressure turbines in industrial heating and power plants. p.1.
Skipetrov, V.V. - Glass insulation and its use in electric machinery. p.8.
Raikh, I.IA., IAvnik, A.I. - Use of selenium rectifiers under varying loads with voltage control. p.14.
Andriushchenko, A.I. - Calculation of optimum steam pressure in waste-heat boilers. p.16.
IAnutsevich, F.P. - Valveless water-level indicator for low-pressure steam boilers. p.17.
Boltushkin, V.I., Khalluzov, I.E. - Overhauling the electric equipment of overhead cranes without down time. p.18.
Trokhov, M.I. - More efficient use of power in electroplating sections. p.20.
Storman, L.S. - Modification of evaporators in state district power stations. p.22.
Raitsis, T.A. - Self-cleaning pressure filter for pumping stations. p.23.
IAskevich, A.T., and others. - More efficient production of nepheline concentrate. p.25.
Bolonov, A.P. - Introduce new electrical equipment without delay. p.26.
Kofman, K.D., Khromchenko, G.E. - Demands on the electrical industry in connection with industrial methods in electric installation work. p.29.
Figures on power consumption of industrial establishments in West Germany and Austria. p.30.
Data on power production and consumption in other countries in 1954. p.33.
In the static capacitor plant of the Siemens Company

in West Berlin. p. 33.
Starting and adjusting electric equipment at the time of installation. p. 34.
Blocking off trenches during electric cable repairs. p. 35.
Maintenance and repair of KhK-45 Cottrell precipitators in sulfuric acid plants. p. 35.
Amendments in the "Regulations for the Operation of Industrial Electric Equipment," p. 36.
Publication of the Compilation of Directives of the State Inspection Agency for Industrial Power Engineering and Control. p. 38.
High-voltage circuit breakers, disconnects, current transformers and arresters. p. 39.
Hot-water meter. p. 40.
Upper limit of pressure difference measurements of pressure-gauge-flow meters made in the U. S. S. R. p. 40.
Literature on industrial power engineering. p. 3 of cover.

Vol. 11, no. 6, June 1956.
Table of contents translated:
Baklastov, A.M., Grigor'ev, V.A. - Organosilicon heat-transfer media. p. 1.
Geiler, L.B. - Electric shaft" in modern electric drives. p. 5.
Shindel'man, R.I. - Automatic current stabilization in electrolysis. p. 10.
Meshcheriakov, S.M. - Electrical operating conditions of electrolytic cells in aluminum plants. p. 14.
Solov'ev, K.F. - Automatic control of high-voltage power capacitors. p. 18.
Kireev, M.I. - Some questions of electrical safety. p. 20.
Il'inskii, B.V. - Throw-out protective apparatus for fire-tube boilers. p. 24.
Eliseev, B.V. - Utilizing secondary power resources. p. 26.
Induction furnace for melting [magnesium] alloys. Suggestion by V.A. IAkovlev and others. p. 28.
Stopping device for the drive motor of a machine; suggestion by A.E. Rivkin. p. 30.
Method for manufacturing reagent sulfuric acid from gases of a sulfuric acid system; suggestion by IA.M. Shmekker and others. p. 31.
Vorontsov, F.F. - Calculation of reactance in connection with selecting conductor cross sections in low-voltage power systems. p. 32.
Korobova, E.G. - Metallic cleats for fastening wires to concrete foundations. p. 33.
Direct-current machine without brush devices in feed circuits. p. 34.
Unprotected apparatus for explosion-hazardous buildings. p. 35.
Ventilated distribution cabinets for explosion-hazardous buildings. p. 36.
Dry-type transformers for shop substations in metallurgical plants. p. 36.
Amendments and additions to the "Regulations for the operation of electrical equipment in industrial establishments" (conclusion). p. 37.
High-voltage circuit breakers, disconnects, current transformers and lightning arresters (continuation). p. 39.
KPV-7 steam boiler. p. 40.
Literature on industrial power engineering. p. 3 of cover.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 7, July 1956.
Table of contents translated:
For technical progress in rural radio installation work. p. 1.
Kalmykov, V. - Radio industry in the sixth five-year plan. p. 3.
Golovanov, K. - Radio operators on the cruiser "Ordzhonikidze." p. 6.
Gorelkin, IA. - District completely provided with radio facilities. p. 7.
Perlin, V. - Radio club in the institute. p. 8.
Ginzburg, G. - Girls radio operators. p. 9.
Kulik, A. - Pioneers of the future. p. 10.
Dzhigit, I. - Winner of the A.S. Popov gold medal.
Netyksza, Wojeiech. - Ultrashortwave amateurs in Poland. p. 13.
Roginskii, V. - Nikola Tesla. p. 14.
Levandovskii, B. - Radio station operating on 38-40 Mc/s. p. 18.
Raudsepp, IU., Normet, A. - "Estonita" combination radio phonograph. p. 21.
Breido, I. - Photomultiplier tubes. p. 26.
Smetanin, B. - Receiver with an O-V-1 circuit. p. 30.
Astaf'ev, A., Mavrodiadi, V. - Miniature parts. p. 33.
Anisimov, V. - New kinescopes. p. 38.
Petrukhin, A. - "KVN-49" television receiver utilizing the 31LK2B kinescope. p. 40.
Piltakian, A. - The 40LK1B kinescope in the "KVN-49-4" television receiver. p. 41.
Tokmakov, IU. - "KVN-49-4" television receiver employing the 31LK2B kinescope. p. 44.
Kozyrev, A., Fabrik, M. - Amateur magnetic recorder. p. 45.
Vorob'ev, S. - Automatic tuning of receivers. p. 49.
Buzov, E. - Underwater television. p. 52.
Goikhman, E. - Radio compass. p. 54.
Georgiev, V. - Ultrasonic soldering iron. p. 57.
Abroad. p. 59.
Technical advice. p. 62.
Exchange of experience. pp. 16, 51, 63.

RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Vsesoiuznoe nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A.S. Popova [All-Union A.S. Popov Scientific Technical Society of Radio Engineering and Telecommunications]. Moscow, vol. 11, no. 5, May 1956.
Table of contents translated:
Troitskii, V.N. - Propagating ultrashort waves to great distances beyond the horizon. p. 3.
Vysokovskii, D.M. - Effect of the space between vibrators on the resonance and directional properties of a vibrator system of the "wave channel" type. p. 21.
Basharinov, A.E. - Resistance to interference in the correlation method of reception. p. 26.
Artym, A.D. - Amplitude modulation with two diodes. p. 35.
Zaezdnyi, A.M. - Method of harmonic synthesis and its application to problems of radio engineering. p. 44.
Rizkin, A.A. - Calculating crystal triodes by the regeneration method. p. 56.
Nosovitskii, IU.E. - Calculating selenium rectifiers having capacity-input filters. p. 65.
Samoilenko, IU.I. - Transient phenomena in linear circuits when switching in irregular e.m.f. p. 73.

Vol. 11, no. 6, June 1956.
Table of contents translated:
Evtianov, S.I. - External excitation of self-excited oscillators. p. 3.
Shtein, B.B. - Single-band modulation with the aid of phase systems. p. 13.
Kolesov, L.N. - Power relationships in ultrahigh frequency electron-tube oscillators. p. 27.
Kalinin, A.I. - Calculating the field intensity in zones of shadow and semishadow during the propagation of ultrashort waves along the flat spherical surface of the earth. p. 43.
Kharinskii, A.L., Svetlov, N.I. - Method of maintaining a single-tuning characteristic in circuits operating with various periods of contact. p. 50.
Gurovich, G.IA. - Regenerative current feedback in low-frequency amplifiers. p. 58.
Rudnyi, V.M. - Determining the speed of impulse change at the moment the set is switched on. p. 63.
Dambrugov, R.M. - On the accuracy of measuring impedances with the aid of long lines. p. 66.
Khmel'nitskii, E.A. - Letter to the editors. p. 71.
Zhitomirskii, V.I. - Answer to E.A. Khmel'nitskii's letter. p. 71.
The A.S. Popov gold medal award. p. 77.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1956.
Contents:
[Abstracts] Referaty 11717-13996. 397 p.

VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R.]. Moscow, vol. 16, no. 4(193), Apr. 1956.
Table of contents translated:
Editorial: Employ all means to increase labor productivity in communication enterprises. p. 1.
Kasatkin, V.S. - Expansion and automatization of the means for city telephone communication. p. 2.
Anfilov, E.A. - New wide-band shunt-fed antenna mast. p. 4.
Farber, IU.D. - Resonant two-terminal networks for tuning long-distance cables. p. 6.
Godlevskii, V.A. - Noise in telephone circuits produced by contacts of the ATS-47 selector and methods for reducing it. p. 8.
Gromyko, M.I., Efremov, V.F., Oginskaia, I.I. - Control desk of a receiving station. p. 10.
Rapoport, A.Kh. - Measurement of ground resistance. p. 13.
Zakharova, N.V. - TASt wall set. p. 13.
Podgorodetskii, I.A. - Method for determining the income of communications enterprises for services rendered. p. 14.
Ostroumov, A.V. - Introduction of complete automation of telegraph communication. p. 17.
Savinov, N.A. - How we are improving educational work in district communications offices. p. 18.
Budrin, A.N., Soroka-Mozyrskii, S.E. - Operation of the PTS-52 mobile television station. p. 20.
Constantly improve the qualifications of communications workers. p. 21.
Progressive practices of workers of radio reception and rediffusion stations in towns. p. 24.
Listrova, A.N. - Our methods for increasing the income of the telegraph office. p. 26.
Konarevskii, A.A. - New standards and rates for construction and installation work in communications. p. 27.
Riauti, K.G. - Unforgettable days. p. 28.
Erigin, D.D. - Two weeks in Czechoslovakia. p. 31.

Vol. 16, no. 7(190), July 1956.
Table of contents translated:
Editorial: Propagation and dissemination of advanced experience is a task of importance to the state. p. 1.
Improve long distance telephone service. p. 2.
Zarianov, N.V., IUlovskii, N.V. - Using powerful beam tetrodes in shortwave transmitters. p. 3.
Gorbunov, A.V. - Electronic device for measuring signal distortions in start-stop telegraph apparatus. p. 5.
Shuleikin, G.V., E.L. Poverennyi. - Overhead communication and radio transmission line poles made of asbestos cement pipes. p. 6.
Zisman, N.A., and others. - VS-3 apparatus for remote-siting steel circuits. p. 11.
Pal'chun, A.S. - Improving the amplitude-frequency characteristics of the DR-69 receiver unit. p. 14.
Kornienko, P.S. - Adopting advanced experience. p. 15.
Young post and telegraph workers go to the new construction projects. p. 18.
Smiriagin, A.G. - Preventive maintenance and repair of telegraph equipment. p. 20.
Lodzik, N.A., Bruker, V.A. - Removing dust from mail by means of a central exhaust system. p. 22.
Poltavtsev, V.F. - Show concern for young specialists. p. 23.
Lysykh, P.I., Krytsyn, P.M. - Combining communication offices is an important economy measure. p. 25.
Improve the quality of mail service for the rural population. p. 26.
Likhtin, R.M. - More attention to safety measures in communications enterprises. p. 26.
Protasov, N.A. - Results of applying an index of increase of labor productivity. p. 29.
Gavrilov, A.V. - Remove shortcomings in the organization of efficiency innovators' work in communications enterprises. p. 30.
Bunin, A.D. - Exhibits at the industrial exhibition in Hannover. p. 33.

## f) INDUSTRIES & TRADES

AVTOMATICHESKAIA SVARKA [AUTOMATIC WELDING]. Organ of Institut elektrosvarki Akademii nauk URSR [Institute of Electric Welding of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 3(48), May-June 1956.
Table of contents translated:
Kirdo, I.V. - Physical processes in repeated striking of an alternating-current arc. p. 1.
Loskov, G.I. - Experimental study of certain factors determining a sustained welding arc under flux. p. 17.
Paton, B.E., Zavadskii, V.A. - Pulse method of arc striking in shielded and manual arc welding. p. 26.
Lebedev, V.K., Kuchuk-IAtsenko, S.I. - Intensification of metal heating in resistance butt welding by means of stepped-up oxidation reaction. p. 36.
Lebedev, V.K. - Short circuit resistance in transformers with symmetrical discoidal windings for use in resistance welding. p. 44.
Brodskii, A.IA. - Calculating conditions for spot welding of crossing reinforcement bars. p. 52.
Leinachuk, E.I. - Effect of carbon on the resistance of the hard-facing metal to abrasive wear. p. 56.
Pachentsev, IU.A. - Heat expansion of metals as a control parameter in spot welding of duralumin. p. 65.
Astaf'ev, A.S., Russian, A.V. - Welding EI-530, EI-628, and EI-629 austenite, acidproof steels. p. 72.
Chvertko, A.I. - Some physical and mechanical properties of welding fluxes in the solid state. p. 79.
Asnis, A.E. - Effect of localized plastic deformation on the strength of steel. p. 88.
Lebedev, B.F. - Effect of peening of sheet edges on the strength of overlap weldings. p. 95
Kazimirov, A.A., Bondar', V.Kh. - Improved electromagnetic assembly and welding stands. p. 102.

DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Published by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol. 5, no. 6, June 1956.
Table of contents translated:
For high labor productivity in the sixth five-year plan. p. 1.

Krasnovskii, N.V., Sakhnovskii, L.V. - Ways of achieving the norm requirements for quality in chamber drying lumber. p. 3.
Avetikov, A.L. - Increase the production of wicker furniture. p. 6.
IAntshevskii, A.F. - Increasing the productivity of planing machines. p. 8.
Gusev, N.F. - The OB-3 semiautomatic transverse profiling machine. p. 11.
Sokolov, B.N. - Warping in plywood sheets. p. 11.
Sviatkov, S.N. - Hydraulic resistances in exhaust ventilators. p. 14.
Neklamkin, N.O. - Semiautomatic machine for finishing panels. p. 16.
Sitkina, D.E. - Eliminating loss of workers' time. p. 17.
Shestiakynov, S.I., and others. - Drying lumber in the chamber-24 produced by the Central Scientific Research Institute for Machine Woodworking. p. 18.
Fadeev, V.A. - Preparing and veneering curvilinear panels. p. 20.
Legotin, A.M. - Milling machine attachment for repairing parquet friezes. p. 21.
Ovrutskii, N.M. - Combination head with a set of saws. p. 21.
Prozorov, N.IA. - Gluing pulley belts of band saw apparatus. p. 22.
Filippov, A.S. - Decreasing the consumption of glue in producing beech plywood. p. 23.
Pavlov, V.I. - Modernizing the TSR-2 edging machine. p. 23.
Andreev, S.D., Nikolaev, L.N. -Production line for making barrels. p. 25.
New books. p. 26.
Articles in foreign journals. p. 26.
High-temperature lumber drying. p. 27.
Lumber and panels glued lengthwise and edgewise. p. 28.
Maneuverable loader of new design. p. 30.
Experiments in the use of atomic energy in the woodworking industry. p. 32.

Vol. 5, no. 7, July 1956.
Table of contents translated:
Modernizing equipment is an important potentiality for increasing production output. p. 1.
Sizov, V.A. - Standardized matching parts for the mass production of furniture. p. 3.
Krechetov, I.V., TSarev, B.S. - Transportable wood-drying installations. p. 5.
Vladyshevskii, V.L. - Methods of producing bent frames with closed contours. p. 7.
Isakov, A.I. - Automatizing the control of linear dimensions of wooden parts. p. 8.
Turanenko, A.D. - The mechanics of swelling and shrinkage in wood. p. 12.
Petrov, G.V. - Jointer for the assembly of window and door casings. p. 14.
Zarodzinskii, Z.K. - The NTD cutting machine. p. 10.
Leont'ev, I.I., Rakin, A.G., Smolenskii, K.I. - Industrial manufacture of parquet boards. p. 17.
Morushkin, G.V. - The making of resin glue for furniture veneering. p. 19.
Ivanov, P.A. - Installation for lacquering furniture panels. p. 21.
Volodina, O.D. - The use of sulfite protein glue in veneering. p. 21.
IAkunin, N.K. - Circular saws for machines with hand feed. p. 23.
Berzin'sh, G.V., Maksimova, L.T., Apatskaia, N.A. - Finishing furniture parts by the dipping method. p. 25.
Suggestions made by efficiency workers and inventors and approved by the Bureau of Inventions of the Ministry of Paper and Wood Industries of the U.S.S.R. p. 26.
Zabrodkin, A.G. - Characteristics of carbamide resins used in the furniture industry abroad. p. 27.
Should saw teeth be centered? p. 29.
Apparatuses for the control of plywood production. p. 31.

MIASNAIA INDUSTRIIA SSSR [MEAT INDUSTRY OF THE U.S.S.R.]. Organ of Ministerstvo promyshlennosti miasnykh i molochnykh produktov SSSR [Ministry of the Meat and Dairy Products Industry of the U.S.S.R.]. Moscow, vol. 27, no. 3, 1956.
Table of contents translated:
Resolve to end losses of raw materials. p. 1.
Semenov, A. - Mechanization of the meat processing industry in the sixth five-year plan. p. 6.
Telernik, D., Orlov, I. - Let's make use of production potentialities. p. 7.
Khristodulo, D., Shopenskii, A. - Single-stage method of refrigerating fresh packing-house by-products. p. 10.
Tolkshevskii, B., Shishkina, N. - Electrical characteristics of meat products when processed in a.c. high-frequency fields. p. 13.
Bullagin, V. - Sterile drying by the spraying method. p. 15.
Tikhomirov, A., Faleev, R., Batalov, A. - New assembly line method in packing-house processing of geese and ducks. p. 16.
Pay more attention to planning and construction. p. 20.
Addresses by participants in the plenum of the Technical Council of the Ministry of the Meat and Dairy Products Industry of the U.S.S.R. p. 23.
Pirog, P. - Life of insulated elements of cold-storage units for storing sausages in meat combines. p. 27.
Sakhno, A. - Calculation of cost in sausage production. p. 33.
Kholodnov, N. - Simplifying the calculation of cost in sausage production. p. 36.
Nemkov, P. - We are increasing the output of our meat combine. p. 37.
Pol'ko, N. - Local production of feeds. p. 38.
Alekseev, I. - Achievements of masters in swine fattening. p. 40.
Rudenko, I. - How we achieve high weight gains. p. 42.
For more extensive fattening of cattle and the establishment of a stable feed supply. p. 43.
Nechaev, M. - Spoilage of fats through oxidation. p. 46.
Pashin, A. - Useful implement. p. 50.
Petrov, M. - New method of preparing rolled ham. p. 51.
Krupen'kin, A. - Sectional knives for meat grinders. p. 52.
Shkurupii, E. - Unit for singeing packing-house by-products. p. 52.
Sokolovskii, A. - Mounting drying units on foundations of single-feeder paste appliers. p. 53.
Questions and answers. p. 54.
Correspondence from readers. p. 57.
Mironov, A. - Needed manual. p. 58.
Brief news. p. 59.
Babin, G. - New practices in the canned meat industry. p. 60.
Anfimov, A. - Salting of hides abroad. p. 63.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Issued by Ministerstvo zagotovok SSSR [Ministry of Procurements of the U.S.S.R.], Moscow, vol. 22, no. 5, May 1956.
Table of contents translated:
Get the equipment ready for use in time. p. 1.
Chukhar'ko, Z., Shekhtman, Kh. - Make effective use of machinery in grain procurement stations. p. 3.
Likhosherstov, M., Kokarovtseva, V. - Drying ear corn with heated air in the installation used for mechanical grain ventilation. p. 5.
Pravotorov, L., Losov, G. - Continous cleaning and drying of grain. p. 7.
Kreimerman, G. - Calculating the number of truck scales necessary in grain procurement stations. p. 9.
Moshakin, S. - For the further improvement of labor protection and safety engineering. p. 11.
Sokolov, N. - Improving the process of enriching middlings in milling high-grade flour. p. 13.
Lopatinskii, S. - Studying the efficiency of scouring machines. p. 15.
Mikhailitsin, V. - Automatic scales for weighing loose and bagged grain in a continuous operation. p. 17.
Bardyshev, G. - New electromagnetic separator for mixed feed plants. p. 19.
Laskin, M. - Blower for movable pneumatic grain-handling equipment. p. 20.
Grishin, M., Sushkov, M. - Automatic sack loader. p. 21.
Dmitriev, I. - Why the Rostov Flour Mill no. 3 is lagging. p. 22.
Kharakhuin, A. - Luminous signaling. p. 24.
Poliianskii, I., Tverdokhleb, G., Sivach, P. - Productivity of grain dryers has been increased. p. 25.
Kiseleva, V. - Using VP-4 moisture testers for determining the moisture in corn. p. 26.
Dykine, S. - Repairing the 88 h.p. engine. p. 27.
Grechin, P. - Mechanized loading barge. p. 28.
Sovenko, P., Astakhov, V. - Productivity of the sack stitching machine has been doubled. p. 29.
Bulatov, A. - Improve the planning of the number of workers in grain procurement stations. p. 30.
Osadchii, S. - Shelling and drying corn upon delivery. p. 30.
Novomlinskii, M. - Pay more attention to the production experience of students. p. 30.
Efficiency of modern grain dryers. p. 31.
IAkovlev, P. - Book on the historical development of the technology of grain milling. p. 3 of cover

Vol. 22, no. 6, June 1956.
Table of contents translated:
For successful fulfillment of tasks required of the Ministry of Grain Products of the U.S.S.R. p. 1.
Delidovich, V., Kreimerman, G. - Technology of processing and storing headed grain varieties in grain procurement stations of the East. p. 3.
Drogalin, K. - Special problems in ventilating millet during storage. p. 7.
Karabanov, S. - Device for the even loading of grain in railroad cars. p. 10.
Koz'mina, E. - Technological properties of corn varieties and hybrids. p. 13.
Fainblit, A., Brukhis, P. - Determining the productive capacity of feed mills. p. 15.
Zhigalov, A. - Means for increasing the production of feed mills. p. 16.
Aizikovich, L., Naidin, L. - Vertical machine for finishing bran. p. 18.
Vysotskii, S. - Changes in the design of automatic batch scales. p. 19.
Il'ina, V., Butman, L. - Roentgenographic method for determining cracs in rice. p. 21.
Kudachkov, I. - Improved inlet of round TSAGI deflectors. p. 22.
Bialyi, S., and others. - Work experience of flour mills at grain procurement stations. p. 24.
Karetnikov, S. - Utilization of grain dryers has been improved. p. 26.
Berlin, I. - Inspection of voluntary fire brigades. p. 28.
Shaposhnikov, N., Dykine, F. - For a wider use of daily average samples in receiving grain. p. 30.
Kapshuk, G. - Revise the system of planning and repair of equipment in grain procurement stations. p. 30.
Kashkurevich, M. - What flour mills gained by joining the factory administration. p. 30.
Rapid conditioning of grain. p. 31.
Brief news. p. 3 of cover.

Vol. 22, no. 7, July 1956.
Table of contents translated:
Organize the receiving of new grain. p. 1.
Mem, A. - Eliminate lost time of trucks delivering new grain. p. 3.
Delidovich, V., Kreimerman, G. - Technology of grain processing and storage at procurement points of southern districts. p. 5.
Lisovskii, N., Tikhonov, M. - System of operations for newly harvested grain in Siberia. p. 8.
Cherkovskaia, A., Kuz'mina, N. - Methallyl chloride as a fumigant for the disinfestation of grain. p. 9.
Nekrasov, A. - New design for precast reinforced concrete granaries. p. 11.
Samochotov, V. - Installing grain dryers. p. 12.
Kol'tsov, M. - Review the planning of production norms for grain elevators. p. 14.
Markhevka, I. - Daily efforts for lower production costs in flour, groats and feed milling. p. 16.
Fodiaev, V., Trigub, N. - New feed mills. p. 17.
Bardyshev, G. - Automatic scales for weighing flour in small-size packaging. p. 19.
Borokhovskii, L. - Plan for milling with three roller mills at procurement stations. p. 20.
Mai, E. - Increasing the productivity of hammer mills. p. 23.
Krichigin, B. - Improving the construction of brushes used for cleaning screens. p. 24.
Karetnikov, S. - Installing truck dumpers in old grain-receiving establishments. p. 25.
Grosman, I. - Power shovel with electromagnetic control. p. 25.
Gorban', R. - Tripping device for conveyers. p. 26.
Tovolev, M., IArtsev, M. - Electric circuit for DVM-100 weighing and sacking machines has been changed. p. 27.
Mel'nik, B., Ukolov, V. - Prevention and elimination of troubles in single-pipe ventilating installations. p. 28.
Trishechkin, N. - Eliminate shortcomings which prevent the increase of labor productivity and the reduction of operation costs. p. 31.
Osnovikov, G. - Some problems in planning construction work. p. 31.
Vasil'ev, IA. - Shortcomings in the construction of the ZM roller mill. p. 32.
Equipment for unloading grain from railroad cars. p. 32.
Machine for gluten washing. p. 32.

PROMYSLOVAIA KOOPERATSIIA [PRODUCERS' COOPERATION]. Issued by TSentral'nyi sovet promyslovoi kooperatsii SSSR [Central Council of Producers' Cooperation of the U.S.S.R.]. Moscow, no. 5, May 1956.
Table of contents translated:
Editorial: Conduct the reorganization of work in producers' cooperatives in a planned manner. p. 1.
Makarov, A. - Utilize potentialities of brick factories fully. p. 3.
Kuznetsov, I. - Assembly-line method for repairing footwear. p. 6.
Cherniak, A., Gai, L. - Mechanizing the production of knives and scissors. p. 8.
Morozov, N. - Automatic feeders. p. 12.
Kotsiak, B. - Substitute for hematite polishers. p. 14.
Finarevskii, I. - Chemical coloring of metal articles. p. 15.
Somliakov, V. - Semi-mechanized production line for juices. p. 17.
Turaev, M. - A toy called "I am thirsty." p. 18.
Zaviazkin, I. - Selenium rectifiers. p. 19.
Sorokin, P. - We are improving leather production. p. 20.
Shkol'nikov, L. - Methods for increasing labor productivity. p. 22.
Kuiakov, P. - Economizing metal in manufacturing umbrellas. p. 23.
Makarenko, A. - Technical council of the artel. p. 24.
Vorona, S. - Mechanical method for marking clothing. p. 25.
Develop the activity of efficient workers. p. 26.
Vainraub, D. - Method of rotation machining through pressing. p. 27.
Levi, S. - The plane iron with changable blades. p. 29.
Hungarian producers' cooperators in the Soviet Union. p. 30.
Berezin, I. - Fame of the Vyatka handicraft workers. p. 31.
Merzliakov, V. - We economize on fuel. p. 32.
Khilevskaia, K., Zhirnova, A. - Revive the old domestic craft. p. 33.
Rozova, L. - Extend production of souvenirs. p. 34.
Drozdov, G. - Present and future of an artel. p. 36.
Gaidukovskii, IA. - Workshop and dispensary for disabled workers. p. 37.

Mullarchuk, R. - Ukrainian Industrial Council constructs midget electric power plants. p. 38.
Chikin, A. - The initiative of a cultural council. p. 38.
Contrary to facts. p. 39.
Follow-up of our publication. p. 40.

SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Ministerstvo tiazhelogo mashinostroenila SSSR [Ministry of Heavy Machine Building of the U.S.S.R.]. Moscow, no. 6, June 1956.

Table of contents translated:

Kudriavtsev, I.V., Balabanov, N.A. - Fatigue resistance of steel plates with welded ties. p. 1.
Prokhorov, N.N. - Problems of metal strength in crystallization process at the time of welding. p. 5.
Shishkin, V.IU., Makurin, V.A. Manilova, R.Z. - Examination of tee joints under the action of varying loads. p. 11.
Navrotskii, D.I. - Impact tests of weldings. p. 14.
Klinisov, S.Z., Lapiev, A.A., Liubalin, P.M. - Electric arc welding of magnesium alloys. p. 17.
Orlov, B.D., [illegible]nikov, P.L. - Torsion testing of welded spots. p. 20.
Verchenko, V.R., Petrov, A.V., Baranov, M.I. - Automatic butt welding of pipes that cannot be rotated. p. 22.
Akulov, A.I., Pal'chuk, N. IU. - Automatic argon arc welding of stainless steel with melting electrodes in various positions. p. 27.
Academician V.P. Nikitin; an obituary. p. 29.
Novinshtein, B.D. - Welding in the repair of a 3000-ton hydraulic press. p. 30.
Lomakin, V.I., Fishkova, N.I. - The SL-60A electric riveter. p. 31.
Nevskii, V.A. - Soviet books and articles on welding. p. 3 of cover.

No. 7, July 1956.

Table of contents translated:

Liubavskii, K.V., Lazarev, B.I. - Electrodes for welding EI 257 steels. p. 1.
Nikiforov, V.A. - Welding of oil-refinery Kh5VF steel pipes. p. 6.
Novozhilov, N.M., Sokolova, A.M. - Electric plug welding in a carbonic acid atmosphere. p. 10.
Grigor'ev, V.A. - Study of certain processes in roller welding. p. 13.
Shadrin, A.V. - Welding of blanks for engine casings by the submerged-melt process. p. 16.
Khimchenko, N.V., Esitevskii, V.P. - Ultrasonic testing of welded joints. p. 18.
Korsunov, V.M. - Modernization of mass-produced butt welding machines used in the boiler construction industry. p. 22.
Bykov, V.V. - Gas welding of L62 thin-sheet brass. p. 26.
Moravskii, V.E. - Portable PTKM-1 spot-welding condenser machine for welding thin metal parts in assembling operations. p. 27.
Rybalka, P.G. - Welding at the All-Union Industrial Exhibition. p. 28.
Dorofeev, E.D. - Truck on rollers for the ASSh-2 gas cutting machine. p. 32.
Gatker, A.B - Improving the performance of the ASSh-2 machine. p. 32.
Kitaev, A.M. - Consultation. p. 3 of cover.

Oding, I.A., Kulikov, F.V. - Investigating the properties of rolled babbitt. p. 119.
Drits, M.E. - Effect of grain size, temperature and duration of the test on the microhardness of structural elements in standard bearing alloys. p. 151.
Vinogradov, N.R., and others. - Manufacturing bearings with reticular surface. p. 164.
Babichev, M.A. - Determination of internal stresses in bimetallic rings. p. 175.
Bogatyrev, I.S. - Methods for elimination of friction in measuring units of testing machines and instruments. p. 195.
Kislik, V.A., Deviatkin, V.P. - Investigating the formation of abscesses on seamless rolled and band railroad wheels. p. 205.
Korovchinskii, M.V. - Basic theory for the stability of the journal motion in an oil layer. p. 223.
D'iachkov, A.K. - Determining the quality of a lubricant by new method. p. 238.

No. 11, 1956.

Table of contents translated:

Preface. p. 3.
Khrushchov, M.M., Babichev, M.A. - Investigating the wear of metals and alloys frictioned on an abrasive surface. p. 5.
Khrushchov, M.M., Babichev, M.A. - Investigating the effect of abrasive hardness on metal wear. p. 19.
Trepenenkov, I.I., Cheriapin, A.M. - Effect of some constructional factors on the wear of open joints with access of abrasives. p. 27.
Lomakin, V.S. - Investigating the wear of hubs and piston rings in mud pumps. p. 47.
Muravkin, O.N., Rinbchenkov, A.V. - Investigating corrosion-abrasive wear of the steel used for water economizer boiler tubes. p. 81.
Garkunov, D.N., Politakov, A.A. - Investigating the effect of porosity characteristics of chromium plating on cast iron wear. p. 108.
Pronikov, A.S. - Classification and calculation of interconnected machine part wear. p. 121.
Kuritsina, A.D. - Origin of the "white phase" on the friction surface. p. 182.
Liuttsau, V.G. - X-ray structural investigation of the "white crust" originated on the friction surface. p. 204.
Zamoruev, G.M. - Phase transformations in steel at friction and wear. p. 210.
Larin, T.V., Deviatkin, V.P. - Wear mechanism of the railroad wheels. p. 238.
Korovchinskii, M.V. - Stability of the state of equilibrium of the journal in lubricant layer. p. 264.
Bibliography on friction, wear and lubrication for 1953. p. 324.

AKADEMIIA NAUK SSSR. Laboratorila dvigatelei. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Engines. Transactions]. Moscow, no. 1, 1955. Teorila, konstruktsiia, raschet i ispytanie dvigatelei vnutrennego sgoranila [The theory, construction, design and testing of internal combustion engines].

Table of contents translated:

Preface. p. 3.
Varshavskii, I.L., Dolgoplatov, A.M., Lur'e, V.A. - Calculating the theoretical cycle of internal combustion piston engines by taking dissociation into account. p. 5.
Aronov, D.M., Lebedinskii, A.P. - Correlation between automobile engines and the antiknock character of automobile gasoline. p. 33.
Gal'perin, M.IA., Lebedinskii, A.P., Zelenskaia, R.G. - Knock testing of automobile engines. p. 61.
Aronov, D.M., Zabrianskii, E.I., Matlavinskii, L.V. - Knock testing of automobile gasolines. p. 88.
Varshavskii, I.L., Zhdanov, A.L., Lur'e, V.A. - Measuring consumption of gas and liquids by means of electromagnetic meters. p. 108.
Volkova, N.N. - Estimating engine cylinder wear by the "lune cutting" method and comparing it with other existing methods. p. 114.
Rubanovich, I.M. - Theory applied to the design of rotor contours used in Ruth superchargers. p. 122.

No. 2, 1956.

Table of contents translated:

Preface. p. 3.
Vetikanov, D.P. - Assuring the efficient development of automobile construction in the U.S.S.R. p. 5.
Gol'd, B.V., Kiseleva, V.A. - Automobiles using nonliquid fuel and prospects for their use in the U.S.S.R. p. 19.
Petrov, V.A. - Theoretical principles of the accelerating-coasting method of automobile driving. p. 42.
Klennikov, V.M. - Lateral stability of automobiles during their uniformly changing motion on curves. p. 54.
Knoroz, V.I., Klennikov, V.M., Sidorova, E.M. - Determining the deviation angles and stabilization moments of tires of passenger automobiles. p. 67.
Stefanovich, IU.G. - Estimating the maneuverability of automobiles by the composite amplitude of vibration of the steering wheels. p. 80.
Knoroz, V.I. - Distribution of specific pressure on the area of tread imprint of the driven wheel. p. 91.
Lunev, I.S. - Using tensometry in measuring the torque in the power transmission system of automobiles and trolleybuses. p. 108.

AKADEMIIA NAUK URSR, Kiev. Instytut mashynoznavstva i sil'skohospodars'koi mekhaniki. Naukovye trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Machinery and Agricultural Mechanics. Scientific Works]. Kiev, vol. 4, 1954. [In Ukrainian and Russian.]

Table of contents translated:

Vasylenko, P.M. - Wheel resistance in agricultural machinery. p. 3.
Soredenko, B.M. - Determining the undercarriage efficiency of caterpillar farm tractors. p. 34.
Vasyl'iev, V.IU., Barzylovych, V.S. - Surface energy and the process of cast iron inoculation. p. 54.
Vasylenko, P.M., Kulakova'kyi, V.O. - Theory of the topping mechanisms in beet-harvesting machines. p. 61.
Chepilin, I.V. - Experimental studies on the kinematics of driving wheel engagement in tractor caterpillar systems. p. 61.
Vasylenko, I.I. - Seed sifting with horizontal oscillation of sieves. p. 69.
Sokol, O.N. - Wearing qualities of chain drives made of high-strength cast iron. p. 81.
Vasylenko, II.A. - Distribution of pressure in the ground during rolling. p. 92.

AKADEMIIA NAUK URSR, Kiev. Laboratorila problem shvydkisnykh mashyn i mekhanizmiv. Sbornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Laboratory of High-Speed Machinery and Mechanisms. Collected works]. Kiev, no. 3, 1953.

Table of contents translated:

Editorial. p. 1.
Georgii Fedorovich Proskura. p. 3.
Proskura, G.F. - Generalized cavitation characteristics for hydraulic turbines. p. 11.
Aleksapol'skii, D.IA. - Some parameters for air turbine installations. p. 60.
Aleksapol'skii, D.IA. - Comparative investigation of the open-and closed-cycle gas turbines. p. 70.
Borisenko, A.I. - Vortex layer method for solving problems on flow past bodies. p. 89.
Shmugliakov, L.S. - Investigation of the cavitation by electrical method. p. 112.
Ershov, V.N. - Establishing the characteristics of gas turbines. p. 124.
Parshchik, S.A. - Effect of the high-speed coefficient on the efficiency of stages of axial compressors. p. 133.
Dedusenko, IU.M. - Investigation of the heat exchanger for a counterflow-type gas turbine with constant combustion. p. 144.
Likhnitskii, IU.S. - Effect of heat stream direction on the radiation coefficient value from a plane plate. p. 160.
Morgun, N.C. - Testing the hydraulic clutch in the KhSTZ-NATI tractor. p. 186.
Ul'ianov, N.G. - Testing an experimental hydraulic clutch in a ZIS-150 car. p. 205.

AVTOMOBIL'NAIA I TRAKTORNAIA PROMYSHLENNOST' [AUTOMOBILE AND TRACTOR INDUSTRY]. Organ of Ministerstvo avtomobil'nogo, traktornogo i sel'skokhoziaistvennogo mashinostroenila SSSR [Ministry of Automobile, Tractor, and Agricultural Machine Building of the U.S.S.R.]. Moscow, no. 6, June 1956.

Table of contents translated:

Shakhovtsev, V.I. - Specialization in the factories of the Main Administration of Automobile and Tractor Parts Industries. p. 1.
Andronov, V.K. - Improving the parts for the KT-12 tree-skidding tractor. p. 3.
Shchurov, S.A. - Investigation of tractor air filters. p. 6.
Gostev, V.I., Syroegin, A.A. - Calculating the limits of linear dimension chains by the method of theoretical probability. p. 11.
Gureev, A.A., Sablina, Z.A. - Selecting metals and alloys for the fuel systems of engines. p. 23.
Mansurov, A.M. - Mechanization and automatization of production in hot forging shops. p. 24.
Erenkrants, L.G. - Roll mandrel for rolling automobile parts. p. 27.
Nabatova, K.A., and others. - Shot peening the transmission gears of the Moskvich automobile. p. 29.
Zverev, N.S. - Using cold-rolled sheets of nonaged steels for stamping body parts of passenger cars. p. 31.
Gandler, A.V. - Interoperation part conveyance. p. 33.
Trusov, S.M. - Automatic transmissions abroad. p. 34.
Cherniavskii, S.I. - Presses for automatic stamping production lines. p. 42.
Levitskii, I.P. - New design for assembly-type hob cutters. p. 42.
Dubov, I.P. - Cutting spiral grooves in bushings being worked on presses. p. 43.

Krylov, A. F. - Semiautomatic press for bending guides of locking hooks. p. 44.
Scientific research and experimental work carried out by the institutes and plants of the automobile and tractor industry. p. 44.
Inventions and efficiency proposals adopted by enterprises of the automobile and tractor industry. p. 45.
Syrovegin, A. A. - Review of A. P. Sokolovskii's book "The scientific bases of technology in machine construction." p. 45.
New books. p. 46.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog SSSR [Ministry of Automotive Transport and Highways of the U.S.S.R.]. Moscow, vol. 34, no. 5, May 1956.

Table of contents translated:
Improve the quality of driver training. p. 1.
Fifth congress of trade unions of the automotive transport and highway operation industries. p. 3.
Ivanova, E. - Changing short-run haulage from railroad transport to truck transport. p. 4.
Ulitskii, P. - Unused resources for improving the organization of work in automotive transport organizations. p. 7.
Bash, M. - Effect of the actual conditions of operating trucks on the single work index of the automotive transport industry. p. 8.
TSarev, I. - Efficient schedule for buses on intercity routes. p. 10.
Menn, A. - Improve the freight and commercial work in public automotive transport organizations. p. 11.
Gorbenko, A. - Experience in organizing centralized haulage of building materials. p. 13.
Zalkovskii, B. - New equipment for washing automobiles. p. 15.
Golitsyn, L. - Resources for increasing the labor productivity of repair and service workers. p. 19.
Filippov, V., IUrchenko, P. - Operating properties of motor oils derived from Eastern sulfurous petroleums. p. 21.
Zgurskii, O., Moreinis, I., Ostrovskii, I. - Repeated use of water for washing trucks. p. 23.
Isaev, V., Maslov, V. - Organizing repair of the ZIS-155 motorbus on a production line. p. 24.
Zhestkov, V., Malinovskii, P. - Improvements in the design of the U2-AP-3 automobile trailer hitch. p. 27.
Glozunov, S. - Experimental passenger car with increased roadability. p. 28.
Training cadres. p. 30.
Exchange of experience. p. 32.
Information. p. 34.
Abroad. p. 36.
Reviews and bibliography. p. 39.
New books. p. 3 of cover.

Vol. 34, no. 6, June 1956.

Table of contents translated:
For model transport of the 1956 harvest. p. 1.
Faibusovich, M. - Basic factors in lowering the cost of passenger transport by automobile. p. 4.
Lamash, I. - Wages for drivers, senior drivers and managers of collective farm garages. p. 5.
Neplivoda, P. - Participation of drivers in the daily maintenance of automobiles. p. 7.
Minaev, N. - Regulate the wages of repair and maintenance personnel. p. 7.
Mazerov, IA. - Centralize the haulage of farm produce. p. 8.
Maksimov, A. - Organization of passenger conveyance at Crimean health resorts. p. 10.
Grigor'ian, G., Kurov, B. - On deposits in intake pipes of carburetor engines. p. 12.
Das, L., Brodskii, V. - The GARO (model 155) compressor. p. 14.
Afanas'ev, B., Moiseev, A. - Plans for 100 and 200-car garages. p. 16.
Kats, A. - Body maintenance for passenger cars. p. 18.
Kotin, G., Kleitman, S. - Efficient organization of tool management. p. 22.
Zapisov, M. - Repairing the synchro-mesh transmission of the MAZ-200 automobile. p. 24.
Zubchuk, B., Klinkovshtein, G. - Prospective types of buses. p. 25.
Experimental model of the PAZ-652 bus. p. 27.
Training cadres. p. 28.
Readers' letters. p. 30.
Exchange of experience. p. 31.
Information. p. 34.
Abroad. p. 37.
Reviews and bibliography. p. 39.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Ministerstvo tiazhelogo mashinostroeniia SSSR [Ministry of Heavy Machine Building of the U.S.S.R.]. Moscow, no. 5, May 1956.

Table of contents translated:
Mochan, S.I., Peterson, D.F., Gusov, B.D. - Standstill of water in steam boilers. p. 1.
Baldina, O.M. - Determination of tangential velocities and level profile of water in detachable cyclones. p. 7.
Shmuglinkov, L.S. - Cavitation coefficient of hydraulic turbines as a function of the air content of water. p. 11.
Zhukovskii, M.I. - Designing profile cascades with prescribed velocity distribution in subsonic flow. p. 14.
New machines at the Leningrad Metallurgical Plant. p. 18.
Kal'nitskii, S.L. - Machining blades with a variable profile for the GT-12-3 gas-turbine installation. p. 19.
Pisarevskii, M.M., Dianov, S.V. - Effect of nitriding on the vibration decrement of some steels at normal and elevated temperatures. p. 22.
New machine in the metals laboratory of the Leningrad Metallurgical Plant. p. 24.
Dudzin, L.I. - Polishing intricate master forms. p. 25.
Tyryshkin, V.G., Ivashchenko, M.M. - Mobile gas-turbine power plants. p. 27.
Meeting on welding heat-resistant austenitic steels. p. 31.

No. 6, June 1956.

Table of contents translated:
Grinberg, M.I., and others. - GT-12-3 gas turbine installation developed by the Leningrad Metallurgical Plant. p. 1.
Dabagian, A.V. - Concurrent vibrations of rotor parts in steam turbines. p. 7.
Gurvich, A.M., Blokh, A.G. - Temperature in furnaces. p. 11.
Pogrebennyi, I.N. - Study of the operation of a Francis turbine under optimum conditions. p. 16.
Robuk, N.N., Melovtsov, A.A. - Welded and welded-cast stators for hydraulic turbines manufactured by the Kharkov (S.M. Kirov) Turbine Plant. p. 20.
Zhuravlev, A.S. - Heat treatment of boiler fitting parts made of 38KhMIUA steel. p. 23.
Semenov, V.V. - Casting protective plates and welding rods (electrodes) from cobalt stellite. p. 24.
Shatilov, A.I. - Utilizing the heat from the cooling water and exhaust gases of internal combustion engines. p. 26.
Puzikov, K.K. - New foreign equipment. p. 26.
Shneo, IA.I. - Fifteenth anniversary of the death of the distinguished professor V.M. Makovskii. p. 29.
Optical grinding machine. p. 29.
Aleshin, N.A. - Review of L.K. Kollerov's book "Piston-type gas engines." p. 30.
Partial list of works of the Polzunov Central Boiler and Turbine Institute published in the second half of 1955. p. 32.

MASHINOSTROENIE; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [MACHINE BUILDING; Translations and Surveys of Foreign Periodical Literature]. Moscow, vol. 5, no. 9(39), 1956.

MEKHANIZATSIIA TRUDOEMKIKH I TIAZHELYKH RABOT [MECHANIZATION OF TIME-CONSUMING AND HEAVY WORK]. Organ of Ministerstva: Ugol'noi promyshlennosti SSSR, Lesnoi promyshlennosti SSSR, Stroitel'stva SSSR, and Stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti SSSR [Ministries: Coal Industry of the U.S.S.R., Forest Industry of the U.S.S.R., Construction Industry of the U.S.S.R., and for Construction of Metallurgical and Chemical Plants of the U.S.S.R.]. Moscow, vol. 10, no. 7, July 1956.

Table of contents translated:
For overall mechanization of the process of production. p. 3.
Babitskii, G.M. - Experience with skidding untopped trees. p. 5.
Alinb'ev, V.I., TSetlin, A.M. - Remote control of skidding rigs. p. 9.
Udatov, V.A. - Sorting, stacking and loading tree-length logs with lightweight cable cranes. p. 12.
Romanchenko, V.N., Romanchenko, G.N. - For efficient mechanization of log dumps. p. 14.
Nosenko, N.E. - Equipment for final stressing of reinforcements. p. 17.
Lipovetskii, M.A. - Improve the technology of concrete work. p. 19.
Artemenko, E.P. - Hydraulic crane-type boring machine. p. 21.
Moroz, V.A. - Rotary-pressure suction dredge ZGM-1. p. 23.
Semenov, P.A. - Mechanizing the construction of electric power lines. p. 26.
Borovkov, M.T. - Efficiency of sinking vertical mine shafts on a cyclical schedule. p. 29.
Shpil'berg, I.L., Milosordin, M.M. - The M32 subsidence prop for seams from 1.8 to 2.5 meters. p. 31.
Il'in, V.M., Zenin, P.A. - Mechanization of coal loading from hoppers to railroad cars. p. 34.
Grishin, M.P., Sushkov, M.F. - Self-propelled sack loader. p. 36.
Geller, N.M., Antonevich, E.F. - Transporting heavy loads with ZIO loaders. p. 37.
IUzvuk, V.E. - Simplified milling and sawing machine. p. 38.
New machinery and equipment. p. 40.
Shchepot'ev, A.I. - Exhibition of building machinery in London. p. 42.
D'iachkov, V.K. - Belt conveyer with a large angle of incline. p. 46.
Kurok, N.M., Livshits, L.S. - Review of P. Zimin's book "Mechanized handling of wall-building materials in construction work." p. 47.
From the pages of journals. p. 48.

MOSCOW. GOSUDARSTVENNYI SOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII TRAKTORNYI INSTITUT. (Trudy) [State All-Union Scientific Research Tractor Institute. (Transactions)]. No. 13, 1956. Gazifikatsiia i ochistka gaza v traktornykh gazogeneratornykh ustanovkakh [Gasification and gas cleaning in tractor gas generators].

Table of contents translated:
Starikov, M.D. - The GB-58 and GT-58 gas generator tractors. p. 3.
IUdushkin, N.G. - Study of the gasification of peat brickets. p. 23.
Drozdov, V.F. - Investigation of the operation of cyclone separators for cleaning gas in tractor gas generator installations. p. 40.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 112, 1956.

Title translated:
Bushe, N.A. - Investigation of antifriction alloys for railroad car bearings. 175 p.

Title transliterated: Bushe, N.A. - Issledovaniia antifriktsionnykh splavov podshipnikov podvizhnogo sostava. 175 p.

REFERATIVNYI ZHURNAL: MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINE BUILDING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 15, Aug. 1956.

Contents:
[Abstracts] Referaty 19001-19700. 267 p.

No. 16, Aug. 1956.

Contents:
[Abstracts] Referaty 19701-21400. 258 p.

No. 17, Sep. 1956.

Contents:
[Abstracts] Referaty 21401-23100. 255 p.

STANKI I INSTRUMENT [MACHINE TOOLS AND INSTRUMENTS]. Organ of Ministerstvo nauchinostroeniia SSSR [Ministry of Machine Building of the U.S.S.R.]. Moscow, vol. 27, no. 6, June 1956.

Table of contents translated:
Levit, G.A., TSyrlin, M.M. - Increasing the working capacity of the cylindrical guide of vertical boring and turning machines. p. 1.
Brovman, IA.S., Teva, N.G. - Selecting suitable electric drives for the feed mechanisms of heavy machine tools. p. 9.
Korobochkin, B.L. - Selecting optimum parameters for hydraulic servomechanisms used on profiling machine tools. p. 12.
Vasmanov, V.V. - Automatic control systems used on machine tools. p. 19.
Frumin, IU.L. - Axial forces in screw cutting. p. 22.
Dzhevaga, I.L. - Heat treatment of welded tools. p. 24.
Lur'e, M.Z. - Rapid-action clamping chucks used on internal grinding machines. p. 26.
Chudov, V.A. - Testing electric contact transmitter elements for precision. p. 30.
Vorob'ov, K.G., Sychev, IU.N. - Improving repair techniques for steam-pneumatic forging hammers. p. 32.
Malkin, B.M. - High-revolution pneumatic grinding spindles. p. 36.
Bol'shakov, G.P. - Precision grinding of involute surfaces. p. 37.
Shikhel'man, Kh.L. - Measuring intercenter distances by means of self-centering devices. p. 39.
Orlov, S.A., Turevskii, M.Z. - Templetless machining of distributing drums and dividing plates. p. 41.
Podvorchanskii, E.M., Storozhik, A.G., Storozhik, D.A. - Sectional cutter for machining profiled workpieces. p. 43.
Anipir, A.D. - Fastening yokes with abrasive blocks used in superfinishing. p. 44.
Gorokhov, N.K. - Slide caliper for measuring conical boreholes. p. 44.
Kaplunov, B.I. - Operating a face plate by using the BF-2 or BF-4 cement. p. 45.
Books. p. 46.
Dissertations. p. 46.
Periodicals. p. 47.

Vol. 27, no. 8, Aug. 1956.

Table of contents translated:
Draudin, A.T., Vysotskii, A.V. - Automatic machines for testing ball and roller races. p. 1.
Perevertailo, P.I. - The 5V12 gear shaper. p. 5.
Il'iashenko, G.A., Krivonosov, V.I. - Automatic spheric-surface grinding machine. p. 8.
Bromberg, B.M. - The 2A53 radial drilling machine. p. 10.
Khoruzhenko, M.V. - New technological processes and material handling techniques used in the continuous production of radial drilling machines.

p.12.
Pevisov, N.A., Goverov, A.N. - Use of combined units in the modernization of machinery. p.16.
Ryazhov, I.V. - Evaluating the rigidity of boring machines. p.20.
Zatchenko, I.Z. - Calculation of basic parameters for double acting rotary pumps. p.23.
Rozman, IA.B. - Stepless speed regulation by means of electromagnetic sliding clutches. p.27.
Rivkin, A.I. - Coolant filter for metal cutting machines. p.31.
Pronkin, N.F. - Surface smoothness and surface layer hardening in broaching of heat resistant metals. p. 32.
Vorob'ev, K.G., Sychov, M.N. - Attachment for grinding lathe beds under repair. p.34.
Budylin, M.M. - Semiautomatic drilling of holes with crossing axes. p.35.
Aleksandrov, E.B. - Attachment for machining small-diameter long shafts. p.37.
Andreev, G.S. - Modernization of shaper carriages. p.38.
Bogorodskii, A.K. - Combined blanking dies with side cutters. p.39.
Bogorodskii, A.K. - Adjustable insert dies in blanking machines. p.39.
Trushin, I.K. - Lapping of cutting instruments by abrasive disks with graphite filling. p.39.
Gladkov, N.V. - Die for spoken loading. p.40.
Kuskunov, I.R. - Cork rubber packing. p.40.
Kovenchikov, G.D. - Instrument for the control of the front angle of round screw-cutting dies. p.41.
New machine tools. p.42.
High-duty burners for gas-flame treatment of metals. p.44.
Selection of lubricants for metal cutting machines. p.44.
Books. p.45.
Dissertations. p.46.
Periodicals. p.46.

TEKHNIKA ZHELEZNYKH DOROG [THE TECHNOLOGY OF RAILROADS]. Organ of Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta Ministerstva putei soobshchenii [All-Union Railroad Transportation Scientific Research Institute of the Ministry of Railroad Transportation]. Moscow, vol. 15, no. 4, June 1956.

Table of contents translated:
Egorov, V.A. - Some problems of developing the railroad car industry in the sixth five-year plan. p.1.
Vakhnin, M.I. - Semiconductors and their prospective use in railroad transportation. p.4.
Polsakhzon, B.E. - Selection of weight and speed for freight trains using different types of traction. p.8.
Rudan, K.I. - Characteristics of electric transmission in the TE3 diesel locomotive. p.14.
Gorn, V.N. - On a single engineer's brake valve. p.17.
Markvardt, G.G. - Approximate determination of the efficiency of train current during the use of recuperative braking. p.19.
Nikol'skii, L.N. - Determining efficient parameters for friction apparatus of automatic couplers and calculating the forces of impact. p.21.
Stotsenko, E.O. - Prolonging the service of wheel rims for the TE1 and TE2 diesel locomotives. p.25.
Linov, S.A. - Effectiveness of greasing rails for decreasing lateral wear on curves. p.26.
Pushkarev, D.N. - The PS-TsNII-48 headlight signal. p.27.
Golubets, I.M. - Combined unloading and loading places for double operations. p.29.
Rodov, A.S. - Determining the wheel load on the electric locomotives. p.31.
Leventul', L.IA. - The "Deltic" diesel locomotive engine. p.32.
Switching locomotive with two power sources. p.3 of cover.
The bookshelf. p.3 of cover.

TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Ministerstva elektrostantsii SSSR, Ministerstva tiazhelogo mashinostroeniia SSSR and Akademiia nauk SSSR [Ministry of Electric Power Station of the U.S.S.R., Ministry of Heavy Machine Building of the U.S.S.R., and the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no. 7, July 1956.

Table of contents translated:
Vukalovich, M.P., Dzampov, B.V. - Elaboration of unified tabular data on the thermodynamic properties of water and water vapor. p.3.
TSederberg, N.V. - Effect of temperature on the overall values of the thermal conductivity of gases at atmospheric pressure. p.7.
Vargaftik, N.B., Os'minin, IU.P. - Thermal conductivity of aqueous solutions of salts, acids and alkalies. p.11.
Sirota, A.M., Timrot, D.L. - Experimental investigation of the thermal capacity of water vapor in the subcritical range. p.16.
Kazavchinskii, IA.Z., Katkhe, O.I. - Graphic differentiation method of computing caloric values of real gases using p, v, T data. p.23.
Robin, V.A. - Using a mixture of aluminum chloride and aluminum bromide as a heat-transfer agent. p.27.
Gurvich, A.M., Milor, V.V., Terent'ev, V.D. - Radiation from a luminous flame. p.35.
Kutateladze, S.S. - Problems of heat exchange and friction resistance in turbulent streams. p.40.
Nadsharov, M.A. - Combustion of coal in a test cyclone furnace. p.45.
Samoilovich, G.S. - American supercritical pressure steam turbines. p.50.
Grobfel'd, V.IA. - Unit-plan electric power station at Rothbraun. p.54.
Underground steam-turbine power plant. p.56.
Record figures for basic equipment of electric power plants. p.58.
Prokhorov, F.G., IAnkovskii, K.A. - Initial data for the development of equipment for the chemical removal of salt from natural waters and condensates. p.57.
On the article by Professor I.I.Novikov. p.62.
Rozhdestvenskii, A.P. - Plans for new medium-capacity turbines. p.63.
Kudachkov, I.A. - Serial production of VTGU-4 vacuum trolling and measuring instruments. p.64.

VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Ministerstva transportnogo mashinostroeniia SSSR [Ministry of Machine Building for Transportation and Heavy Industry of the U.S.S.R.]. Moscow, vol. 36, no. 7, 1956.

Table of contents translated:
Vlasiukii, D.IA. - Assembling boilers and boiler room equipment. p. 3.
Kudriavtsev, I.V., Savvina, S.M. - Effect of the material of the enveloping parts on the fatigue strength of axles and shafts. p. 10.
Groman, M.B. - "Module limitations" in correcting gears cut by worm hobbing machines. p. 15.
On M.B.Groman's article: "Module limitations" in correcting gears cut by worm hobbing machines." p. 33.
Gol'dshtein, IA.E., Platakova, L.I., Zrikhakha, O.D. - Cast carbon steel with boron additives. p. 20.
Kogos, A.M., Filatov, A.S. - Mill for rolling very thin steel strips. p. 30.
Buntantsev, A.V. - Improving the quality of machines. p. 33.
Nadelnitskaia, E.P. - Cutting properties and machinability of high-speed steel. p. 35.
Rezunkov, A.N. - Cutting-edge breakdown diagrams for evaluating the efficiency of hard-alloy cutting tools. p. 39.
Zhikharev, V.I. - Quality and precision of surfaces machined by ceramic cutting tools. p. 42.
Parannikov, V.F. - Interrelation of cutting parameters. p. 45.
Girsh, I.I. - Safe eccentric load diagram for horizontal forging machines. p. 49.
Khonel, F.H. - Improving the quality of spring production. p. 50.
Pozdniakov, K.A., Aksel'rod, A.I., Bakunenko, N.P. - Setting up the contacts of mercury controllers used in hydraulic accumulators. p. 58.
Plotnov, D.V. - Reinforcing machine parts by means of wear-resisting and antifriction plating technology. p. 59.
Novik, A.A. - Parkerizing for improving the running-in of machine parts. p. 63.
Khandros, A.Kh. - Modernization of lathes at the Chkalov Machine Building Plant. p. 64.
Mikulis, V.I. - Modernization of vertical boring and turning machines. p. 66.
Chulin-Levkovich, N.M., Borisov, K.A. - Modernization of machinery. p. 67.
Bytykh, L.M. - The VEN-O electric shears. p. 69.
Khlain, R.I. - Problems of work standardization in machine building. p. 70.
Moshnin, E.N. - Modern trends in the development of drop mallher design in foreign countries. p. 76.
Nasonov, E.N. - Modeling in designing machine-building plants in Czechoslovakia. p. 89.
Prushkov, B.T. - Shortcomings of a textbook entitled "Metal-cutting." p. 87.
Vvedenskii, T.A. - "Standardization and normalization in machine building." A.I.Baranov, V.V.Kuz'min. p. 89.
Darmanchev, S.K. - Allowances for form cutting tools; letter to the editor. p. 90.
Authors' abstracts of dissertations. p. 91.
New books. p. 92.
Review of foreign periodicals. p. 94.

h) MINING & METALLURGY

FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Ural'skii filial Akademii nauk SSSR [Ural Branch of the Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 3, no. 2, 1956.

Table of contents translated:
Tiablikov, S.V. - Theory of antiferromagnetism. p.193.
Zyrianov, P.S., Klepikii, V.M. - Collective description of magnetic interactions. p.206.
Bonch-Bruevich, V.L. - Theory of ferromagnetism in nonideal lattices. p.218.

Glotochkii, V.A., [illegible] - The [illegible] field of [illegible] p.2[illegible]
Il'inskaia, [illegible] - [illegible] [illegible] magnetic properties p.[illegible]
Kuvaldin, N.B. - [illegible] [illegible] p.[illegible]
Orlov, P.V., Sokolovskaia, [illegible], [illegible], N.V. - [illegible] p.[illegible]
Rainov-Ivanchuk, [illegible], Dilenskaia, [illegible], Dzhelepov, [illegible] - [illegible] p.[illegible]
Malyshev, K.A., Bezlaia, V.A., Mikhailova, V.A. - [illegible] p.[illegible]
Pavlenko, I.N., Lukianenko, I.M., Nikolaev, [illegible] - [illegible] p.[illegible]
Alekseev, V.I., Ivanenko, A.A., Arutiunov, [illegible] - [illegible] p.[illegible]
Kolotyrkin, [illegible] - [illegible] p.[illegible]
Samoilova, I.V., Lukyanova, V.P. - [illegible] p.[illegible]
Blantsev, V.I., Bykovskii, V.M. - [illegible] p.[illegible]
Ilyin, M.IA., Zhivotinskii, N.V., Lyubimov, [illegible] - [illegible] p.[illegible]
Zaitsev, G.P. - [illegible] p.[illegible]
Zaitsev, G.P. - [illegible] p.[illegible]
Pavlov, V.F. - [illegible] p.[illegible]
Arkharov, V.I., Kovrigina, [illegible] - [illegible] p.[illegible]
Minkin, B.M., Shelekhova, G.M. - [illegible] p.[illegible]
Gorbovskii, I.G., Belinskii, IA.F. - [illegible] p.[illegible]
Dybskaia, F.F. - [illegible] p.[illegible]
Vol'kenshtein, N.V., Fedorov, G.V. - [illegible] p.[illegible]
Gertsriken, S.D. - [illegible] p.[illegible]
Arkharov, V.I. - [illegible] p.[illegible]
Pines, B.IA. - [illegible] p.[illegible]

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Ministerstva chernoi i tsvetnoi metallurgii SSSR [Ministries of Ferrous and Nonferrous Metallurgy of the U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:
Krasnianskii, E.A. - Automatization tasks in the mining industry. p.1.
Ryt'ev, A.V. - Ways to automation electric equipment in mines. p.7.
Gerasi, A.I., and others. - Automatic and remote control of mining installations. p.12.
Shuvar, L.G. - Automatized installations in Krivoi Rog Basin mines. p.19.
Vasilenkov, V.S., Kanin, L.N., Lisnik, G.F. - Increasing the productivity of electric haulage at the "Digaz" mine. p.26.
IAzepi, V.K. - Automatization of mine transportation and hoisting installations in foreign countries. p.28.
Zaikin, S.A. - Converting an ore dressing plant to remote-control operations. p.34.
Kritskii, M.L., Nemenkov, M.F., Zaitsev, M.S. - Regulating the productivity of a mill by sound measurement. p.37.
Zori, A.S. - Excavator shaft sinking in the Petrokhanskaia-Glubokaia mine. p.40.
Khokhlovkin, B.M. - Rock loading machines used abroad in vertical shaft sinking. p.45.
Belov'lanov, L.N. - The PKS-1 high-frequency penetrator. p.50.
Vasil'ev, A.P., and others. - Study of thermal processing in mines. p.52.
Akutin, G.K. - Prevention of mine galleries by compacting the earth by blasts. p.57.
Vlakh, K.P., Mosler, L.S. - Improved construction of flexible ducts. p.61.
Dubynin, N.G., Kovalenko, V.A. - High-speed sinking of an upraise. p.62.
Sverkunov, A.I. - Geology of deposits of the Baraksan

Mining Administration. p. 63.
Zozulia, I.I., Rundkvist, A.K. - "Equipment in crushing and sizing plants." P.P. Lipov. p. 63.
All-Union Conference on Automatization of Industrial Processes in Iron Metallurgy. p. 3 of cover.
Letter to the editor. p. 3 of cover.

LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Ministerstvo avtomobil'nogo, traktornogo i sel'skokhoziaistvennogo mashinostroeniia SSSR and Vsesoiuznoe nauchnoe inzhenerno-tekhnicheskoe obshchestvo litеishchikov [Ministry of Automobile, Tractor, and Agricultural Machine Building of the U.S.S.R. and All-Union Scientific Engineering Society of Foundrymen]. Moscow, no. 7, July 1956.

Table of contents translated:

Bidulia, P.N., Bobrov, I.I., Smirnova, K.N. - Crystallization of liquid steel under pressure. p. 1.
Ivanov, V.N. - Cleaning precision castings. p. 5.
Smirnov, A.A., Ilkalov, I.N., Fanbulov, A.K. - Compressor and instrument parts casting in shell molds. p. 6.
Izrailevich, L.A. - Design and the operational process. p. 10.
Arykov, P.A. - Mechanized ramming of large-sized molds. p. 12.
Gurevich, V.Z. - Pattern board with electric preheating. p. 13.
Vashchenko, K.I., Golovan', N.A. - Formation of a perlite edge in ferrite malleable cast iron. p. 14.
Berg, P.P., Studnits, M.A., Felgelson, B., IU. - Use of radioactive isotopes to study the mechanics of the formation of inclusions in castings. p. 16.
Ipatov, N.K., Fateev, V.A. - Computational determination of deadheads. p. 20.
Kopanevich, E.G. - Wall thickness precision in making hollow parts by die casting. p. 26.
Petrtil, I.E. - Reducing the annealing cycle for malleable cast iron in chamber furnaces. p. 31.
Pegov, A.S. - Cleaning castings by wet sandblast. p. 31.
Tarantaev, V.E. - Charging the metal into molds on a suspended conveyer. p. 32.

MASTER UGLIA [MASTER OF COAL]. Issued by Ministerstvo ugol'noi promyshlennosti SSSR [Ministry of the Coal Industry of the U.S.S.R.]. Moscow, vol. 5, no. 7, July 1956.

Table of contents translated:

We shall celebrate Miner's Day in a worthy manner. p. 1.
Diadyk, V. - Results of clever leadership in a sector. p. 3.
Kopeika, L. - Reduce labor expenditure in every workshift. p. 5.
Furmanenko, N. - The operation of SKR-11 conveyers with two drives. p. 6.
Nikolaev, I., Sereda, I. - High-speed conveyer transfer. p. 8.
Kichigin, V. - Friendly group. p. 10.
Minovich, A. - Ways of increasing labor productivity. p. 10.
Kozel, A. - New technique for blasthole drilling. p. 12.
On a discontinuous work-week schedule. p. 25.
Young miner generation. p. 25.
Leading excavator brigade. p. 26.
Consultation on the use of radioisotopes in mining. p. 26.
Best mine of the Ukraine. p. 27.
Honorary miner. p. 27.
Posters about the experiences of mining innovators. p. 27.
Growing enterprise. p. 27.
Excavator mechanic, Boris Romozov. p. 27.
On-the-job training courses for technicians. p. 28.
The Chernogorsk school of mining. p. 28.
Mine auditorium. p. 28.
Belinkov, I. - The miner's day. p. 29.
Korenev, V. - Shift reports. p. 29.
Kuindzhi, B. - Hydraulicking in open-pit mines of the Kuznetsk Basin. p. 13.
Danilenko, L. - The VPM-1 cutter-loader in a development slope. p. 14.
Plainitskii, N. - New method of ventilating single-face longwalls. p. 16.
Aleksandrov, I. - Grigorii Gura, a cutter-loader operator. p. 17.
Tolstikhin, I. - Mechanized lumber yard. p. 19.
Shadskaia, N. - Dumping device for the repair of mine cars. p. 20.
Sverukunov, A. - Cable pusher. p. 21.
Vinnikov, I. - The "Donbass-2" cutter-loader. p. 22.
Ivanov, K., Paramonov, V., Shpil'berg, I. - Metal props for thin seams. p. 23.
Krakhmalev, A., Sinitsa, I. - Screw jack. p. 24.
Znamenskii, IU. - Wider use of motion pictures for miner education. p. 29.
Physical education and sport. p. 30.
L'vov, I. - A pamphlet about foreign loading machines. p. 31.
In hours of leisure. p. 32

METALLOVEDENIE I OBRABOTKA METALLOV [METALS AND TREATMENT OF METALS]. Organ of Ministerstvo tiazhelogo mashinostroeniia and TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia [Ministry of Heavy Machine Building and the Central Scientific Research Institute of Technology and Machine Building]. Moscow, no. 6, June 1956

Table of contents translated:

Fedorisov-Latikov, G.P., Sheshenev, M.F. - Effect of alloying constituents on the heat-resisting properties of chromium stainless steels. p. 2.
Liberman, L.IA., Boeva, A.V. - Heat-resisting chromium steels to be used at 550 - 600°. p. 16.
Shteinberg, M.M., Sadovskii, V.D., Demakova, A.V. - Effect of cold plastic deformation on reversible and irreversible temper brittleness. p. 26.
Novikov, V.N. - Effect of surface hardening by heating with commercial frequency currents on the properties of work rolls for cold rolling. p. 36.
Shuval, G.M., Lupakov, I.S., Fel'dman, I.A. - High-temperature gas cementation of steels. p. 48.
Trends in metallographic research in the United States. p. 53.
Academic dissertations. p. 64.

No. 7, July 1956.

Table of contents translated:

Permiakov, V.G. - Study of tempering processes in the iron-nitrogen system. p. 2.
Shumovskii, E.G. - Decarburization annealing of sheet cast iron. p. 10.
Medvedev, A.S. - Aging of tin-lead solders and of joints soldered by them. p. 16.
Mes'kin, V.S. - The nature of reversible and irreversible temper brittleness of structural steel. p. 24.
Stolsenko, B.A. - Causes for the formation of irreversible temper brittleness. p. 35.
Minkevich, A.N., Talmer, A.D., Zot'ev, IU.A. - Nitriding titanium in ammonia gas. p. 39.
Mordvintseva, A.V. - Transformation of residual austenite is the main cause for deformations of welded constructions. p. 48.
Study of phosphorous segregation in steel by the method of autoradiography. p. 55.
Zalkin, V.M. - Review of K.Z. Shepeliakovskii's book "Self-hardening of steel in high-frequency tempering." p. 61.
Conference of readers of the "Metallovedenie i obrabotka metallov" journal at the V.M. Molotov Automobile Plant in Gorkiy. p. 64.

METALLURG [METALLURGIST]. Issued by Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, no. 1, Jan. 1956.

Table of contents translated:

Take advantage of every potentiality in the iron industry. p. 1.
IAkobson, A.P. - Preparing raw materials for blast furnace smelting at the Magnitogorsk Metallurgical Combine. p. 3.
Loskov, A.V. - The use of oxygen to increase the productivity of open-hearth furnaces. p. 7.
Shutkin, N.I. - Smelting stainless steel with an oxygen blast. p. 10.
Shapiro, B.S. - Let us start to produce economical rolled shapes. p. 12.
Kornev, IU.V. - Radioactive isotopes in metallurgy. p. 15.
Vasil'ev, M.K. - Carbon fettling of runners in blast furnaces. p. 20.
Zoktser, A.I., Chernov, N.N. - Apparatus for the control of exhausted upper slag. p. 21.
Privalov, M.M. - Open-hearth furnace practices at the Chelyabinsk and Transcaucasian Metallurgical Plants. p. 22.
Antoniuk, F.T., Marinov, A.I. - Producing high-grade molten steel for automobile sheet metal. p. 24.
Ryzhov, S.M. - Increasing the lifting power of a pouring crane ladle from 220 to 270 t. p. 28.
Turianov, I.I. - Performance of a 750 rolling mill on an hourly schedule. p. 29.
Nozhdanov, N.G., Mirenskii, M.L. - Organizing the rolling of tie plates for narrow-gauge tracks. p. 32.
Lapshin, L.IA. - S.S. Salimov's method of wire-drawing. p. 33.
Conference of members of the Interfactory Institute of the Main Administration of Quality Steel and Ferroalloys. p. 36.

No. 2, Feb. 1956.

Table of contents translated:

We shall give the country more iron, steel, and rolled products. p. 1.
Kumani, B.G., Barylo, M.Sh. - Experience with the production of self-fluxing sinter at the Makeyevka metallurgical works. p. 3.
Ostroukhov, M.IA. - Ways of saving coke in blast-furnace smelting. p. 5.
Bolchenko, M.S., Rutes, V.S., Ful'makht, V.V. - Development of the continuous steel casting process. p. 7.
Litovchenko, N.V. - Use of roller guide tables in section mills. p. 12.
IUdin, G.N., Goncharenko, V.A. - Results of the operation of the interfactory school for tube-mill operators. p. 15.
Bruk, I.I. - Improvements in the economics and productivity of open-hearth furnaces resulting from the installation of waste heat boilers and evaporation cooling. p. 17.
All-Union conference of refractory industry workers. p. 22.
Scientific and technical conference on the standardization of rolled section profiles. p. 23.
Sholeketin, A.V., Karpushinskii, N.S. - Dust collectors for air purification. p. 26.
Benevolenskii, D.K. - Shortcomings in the operation of the UZTM electric tapping gun. p. 27.
Privalov, M.M. - Repairing the bottom of large open-hearth furnaces. p. 30.
Averkin, G.N., Chichkanakov, A.N. - Our experience with the prolongation of the life of open-hearth furnace roofs. p. 33.
Chursinov, I.I. - Experience with the organization of the work of a brigade. p. 34.
Danilov, L.I., Korchemnyi, M.I. - Rapid-action pneumatic manipulators for sheet mills. p. 36.
Rogach, A.P., Tiurikova, P.K., Romanenko, A.S. - Determination of the weight of liquid steel in the ladle during pouring. p. 38.
Beletskii, D.E. - A new method for knocking out rods from molds. p. 39.
Collection of efficiency suggestions, no. 54. p. 40

No. 3, Mar. 1956.

Table of contents translated:

Oreshkin, G.G. - Performance of a blast furnace with a modified system of shaft and body cooling. p. 1.
Afanas'ev, S.G. - Use of oxygen in the Bessemer process. p. 6.
Borodulin, G.M., Morenko, G.F., Frantsov, V.P. - Experience in manufacturing E320 electrical steel. p. 14.
Mitin, I.G. - Automatization of open-hearth furnaces with gaseous fuel. p. 16.
Ivanov, V.M. - Increasing the productivity of the 280 rolling mill by installation of guide rounds. p. 18.
Mednikov, IU.A. - Operation of the 16-60 electric pipe-welding machine. p. 21.
All-Union conference of coke-oven plant workers. p. 23.
Kichko, V.D. - Improved smelting of Bessemer pig iron. p. 25.
Sviridenko, F.F., Sharov, B.A., Fetisov, L.G. - High-speed smelting of steel from high-phosphorus pig iron. p. 28.
Trifonov, A.G. - Two and a half years without major repairs. p. 32.
Bukhvostov, I.G. - Interfactory institute for the study and introduction of progressive work practices for the operation of soaking pits and blooming mills. p. 34.
TSirlin, B.M., Shevchenko, B.L. - Increasing the temperature of hot ingot deliveries to the soaking pit is an important potential for an increased blooming mill productivity. p. 37.
In a few words. p. 38.

No. 4, Apr. 1956.

Table of contents translated:

Matevosian, P.A. - Successfully carrying out the directives of the 20th Congress of the Communist Party of the Soviet Union. p. 1.
Kulikov, IA.P. - Data on the operations of the 1955 "Azovstal'" plant and its tasks for 1956. p. 3.
Aims of blast furnace operators in 1956. p. 6.
Loginov, V.I., and others. - The blow-in of pulverized coal through tuyeres to the blast furnace hearth. p. 10.
Lelkin, I.M., Marakhovskii, I.S., Podgoretskii, A.A. - Production of low-alloy steel at the Zaporozhstal' plant. p. 13.
Pupisov, S.A. - Manufacture of industrial oxygen for the intensification of metallurgical processes. p. 15.
Protasov, N.F., Khlebnikov, V.P. - Mastering the production of lightweight I-beams. p. 18.
Cheliustkin, A.B. - Automatization of rolling mills. p. 21.
Bykov, M.P. - Fully utilize the wastes of basic refractories. p. 25.
Conference on steel wire production. p. 27.
Work results of efficiency workers at the Zaporozhstal' plant. p. 27.
A.L. Boborykin; an obituary. p. 28.
Mashkevich, E.I. - Ways of economizing ferroalloys in producing high-speed steel. p. 29.
Kuganenko, M.E., Kovynev, M.V., Miller, V.V. - The use of textolite bearings with forced lubrication at the Voroshilov Metallurgical Plant. p. 32.
Bystrov, B.M. - Work results of the Interfactory institute for the study of shaped-steel rolling mills in plants of the Main Administration of Quality Steel and Ferroalloys. p. 35.
Shirvanian, A.S. - The use of roll pass boxes. p. 37.
Tutiankin, P.P. - The use of multigrooved boxes. p. 38.

No. 5, May 1956.

Table of contents translated:

Broader dissemination of Magnitogorsk metalworkers' practices. p. 1.
Shparber, L.IA. - Joint operation problems in regulating the performance of a blast furnace. p. 3.
Morev, I.I. - Smelting foundry pig iron in MMK blast furnaces. p. 7.
Lopukhov, N.I. - Quality improvement is an important potential for increasing open-hearth furnace productivity. p. 9.
Ovchinnikov, G.E. - Some characteristics of steel smelting in open-hearth furnaces. p. 11.
Shunin, T.G., Korolev, A.I. - Reducing idle time for open-hearth furnaces caused by cold or hot repairs. p. 14.
Litovchenko, N.V. - Rolls for corrugated reinforcement rolling. p. 17.
Kostiuk, V.A., Nosenko, T.M. - Organization of the unit-method for repairing rolling mills. p. 19.
Gornostaev, V.K. - The foreman is master of the blast furnace. p. 22.
Dimitrov, N.P. - Twenty-five thousand tons of cast iron in excess of the plan. p. 25.

Verkhovtsev, IA. V. - Furnace maintenance in my sector, p. 26.
Smirnov, L. A. - Work organization for the preparation of teeming ladles, p. 28.
Tkachenko, I. A., and others. - Top casting of steel through two stopper tubes, p. 29.
Trakhtman, B. D., Arkhipov, V. M. - Adjustment in cogging mills, p. 32.
Methods of cold rolling on a six-roller mill, p. 36.
Lychak, I. D. - The use of dinas bricks in regenerator chambers, p. 37.
Varshavskii, A. P., Fotev, A. N. - Mechanization and automatization of steel pouring, p. 39.

No. 6, June 1956.
Table of contents translated:
Radkevich F. A. - Reducing the percentage of discards is an important potential for an increase in metal production, p. 1.
Pashko, I. G. - Ways of reducing labor expenditure in finishing rolled products, p. 3.
Petrichenko, V. K. - Introduction of automatic hard facing of steel rolls, p. 5.
Filipov, S. N. - Rolling repeated-pattern shaped steel, p. 9.
Markin, V. I., Shaposhnikov, A. K. - Technology of screening iron ores in blast-furnace plants, p. 12.
Kichko, V. D. - Work experience of P. P. Lygun, head furnace attendat, p. 14.
Podol'skaia, G. A., Makovskii, V. A. - Intensification of steel smelting by oxygen, p. 17.
Morokov, P. K., Pelukhov, B. G. - Smelting of chromium-nickel-steel having a 1.5% chromium content in the burden, p. 20.
Zaveriukha N. V., Volkov L. A. - Work organization in the pouring bay of an open-hearth plant, p. 23.
Trofimov, V. V. - Work practices of the heat inspectors in the Department of Technical Inspection of the "Azovstal'" plant, p. 26.
Zuev, P. P. - Ways of reducing rolling costs, p. 28.
Belov, V. G., Kopanov, M. A. - How to check working roll surfaces on cold rolling mills, p. 30.
Freiberg, M. A. - The use of phosphate coatings in cold drawing of pipes, p. 31.
Dashevskii, S. I. - Ways of controlling discards in nail manufacture, p. 34.
Voronov, I. I. - Draw plate manufacture methods, p. 36.
Loi, N. I. - Conducting courses on advanced techniques at the plant, p. 37.
Bugrov, N. S. - Automatic fuel cut-off device used in open-hearth furnace spray burners, p. 38.
Converter plant operating on pure oxygen, p. 40.

No. 7, July 1956.
Table of contents translated:
Bystrova, N. M. - Lower the cost of metals, p. 1.
Linchevskii, B. V. - Vacuum techniques used in metallurgy, p. 3.
Lazarev, S. V. - Work organization in repair shops of metallurgical plants, p. 7.
Morev, I. I. - Practice of using various systems and methods of burdening, p. 8.
Gusarov, S. D., Gal'perin, A. S. - Rapid repairing of blast furnaces in Ural plants, p. 10.
Palant, V. I., Kurochkin, B. N. - The use of natural gas in open-hearth furnaces, p. 14.
Kozhanov, M. G., Rogov, G. B. - The use of compressed air to intensify the flame jet in open-hearth furnaces, p. 18.
Maksimov, IU. M., Levitin, S. S. - Generalizing operation practices of open-hearth furnaces with magnesite chrome crowns, p. 19.
Andreiuk, L. V. - Ways to increase the productivity of blooming mills, p. 21.
Val'tsev, A. M., Knobloch, A. K. - Increasing the productivity of the 330 mill by complete mechanization and the use of an efficient groove design, p. 24.
Petrishchev, A. I., Ivanchenko, M. S. - Increasing the productivity of mills by reducing lost time in rolling, p. 28.
Barats, A. I. - Increasing the service of machine parts by strain hardening with rolls, p. 29.
Shchirenko, N. S., Ostapenko, L. V., Rekhlis, G. N. - Opening the tap hole of an open-hearth furnace with the aid of a shaped charge, p. 31.
Installation of a spring on trolleys of unprotected traveling cranes, p. 34.
Collection no. 59 of efficiency experts' suggestions, p. 35.
A change in technological instructions on the smelting of steel, p. 35.
Borovitskii, E. V. - The Technology House is the center of technical propaganda in industry, p. 37.
In the Scientific and Technical Society of Ferrous Metallurgy, p. 38.
Stainless steels with high-manganese and low-nickel content, p. 39.
Wide strip mill in Australia, p. 40.

MOSCOW. INSTITUT STALI. Sbornik [STEEL INSTITUTE. Collected Papers]. No. 31, 1953. Tekhnologiia proizvodstva i obrabotki stali [The technology of producing and working steel].
Table of contents translated:
Filippov, S. I. - Kinetics of the reduction of metal oxides, p. 5.
Stark, B. V., Pereverzeva, E. G. - Distribution of chromium between metal and slag of variable composition, p. 14.
Grigorian, V. A. - Effect of oxidizing agents on lowering of the harmful action of sulfur on acid transformer steel, p. 40.
Ansheles, I. I. - Methodology of removing and analyzing nonmetallic inclusions in molten steel, p. 60.
Skakov, IU. A. - The structure of iron-nickel-aluminum alloys with a high degree of coercive force, p. 70.
Kidin, I. N. - Effect of the initial structure on the properties of steel following high-frequency annealing, p. 121.
Vishniakov, D. IA. - Effect of the speed of quenching after tempering on the mechanical properties of steel, p. 133.
Zalesskii, V. I., TSibanova, M. S. - Study of deep drawing processes, p. 140.
Pavlov, I. M., Savorov, I. K. - Effect of the outer parts of the strip on the deformation of metal in rolling, p. 177.
Severdenko, V. P., Astakhov, I. G. - Resistance to deformation in hot rolling of thin steel strips, p. 212.
Pavlov, I. M., D'iakov, V. G. - Correlation between coefficients of friction depending on the direction of displacement in shaping, p. 221.
Vasilchenko, A. I. - Distribution of gas pressure on walls in triple-fired holding furnaces, p. 242.
Glinkov, M. A., Rekhtman, A. IA. - Movement of gases in the hearth of open-hearth furnaces, p. 286.
Stark, S. B. - Study of mixing processes in an axis of symmetry flame jet, p. 318.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Serita: Gornoe delo [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Mining Industry]. Nos. 30-31, 33-34, July-Aug. 1956.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Serita: Neftianaia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Petroleum Industry]. Nos. 31-33, Aug. 1956

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Ministerstvo neftianoi promyshlennosti [Ministry of the Petroleum Industry]. Moscow, vol. 34, no. 6, June 1956.
Table of contents translated:
Mirchink, M. F. - Problems in the development of geological prospecting for oil and gas, p. 1.
Galuzinskii, N. A. - Method of calculating labor productivity in a petroleum refinery, p. 11.
Bulakh, G. I. - Realization of forces exerted on the borehole bottom in turbodrilling, p. 16.
Oshpov, K. G. - What kind of drive should be used in drilling apparatus, p. 20.
Poluklin, N. S. - Results of tri-cone drill operations in the Grozny oil fields, p. 25.
Kotiakhov, F. I., and others. - Determining water saturation and oil recovery factors of sands on the basis of drill core analysis, p. 28.
Babich, IU. A. - Experimental study of the effect of roof rock permeability on leakage of fluid from the oil sands, p. 35.
Sushilin, V. A. - The speed of sound in the gas found in well intercasting space, p. 39.
Petrov, E. N. - Structural characteristics of the southern trans-Ural Mountain region, p. 42.
Mel'nikov, A. M., Dobroserdov, L. I. - Sakmara petroleum of the Tatar A.S.S.R, p. 46.
Khosin, E. B. - Maintenance organization of main petroleum refining installations, p. 48.
Khovanskii, G. S. - Nomogram for calculating pipelines in the case of laminar and turbulent flow conditions, p. 53.
Rushchev, D. D. - Using the microscope in studying the degree of reconditioning of motor oils, p. 57.
Degtiarova, N. A. - Work of progressive drilling crews of the association of Ukrainian oil fields, p. 59.
Avnapov, V. A. - From work practices of efficiency promoters of the Tashkent tank farm, p. 62.
Tostiuk, E. V. - Practice of using hydraulic fracturing of oil sands in oil fields of the U.S.A, p. 64.
Zolnikov, I. - In the Technological Council of the Ministry of the Petroleum Industry of the U.S.S.R, p. 70.
New books on petroleum, p. 72.

PRIKLADNAIA GEOFIZIKA [APPLIED GEOPHYSICS]. Issued by Nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki [Scientific Research Institute of Geophysical Prospecting Methods]. Moscow, no. 14, 1956.
Table of contents translated:
Viktorov, B. N., IUrchenko, S. I. - Main tectonic features of northeastern Ciscaucasia on the basis of geophysical data, p. 3.
TSimol'zon, I. O. - Characteristics of local anomalies of the force of gravity on the Apsheron Peninsula, p. 14.
Volutskii, V. S. - Grouping of seismic recorders, p. 23.
Datskevich, A. A. - Testing seismic recorders, p. 47.
Al'pin, L. M. - Asymmetrical (angular) sounding, p. 65.
Berdichevskii, M. N., Petrovskii, A. D. - Methods of carrying out bilateral equatorial soundings, p. 97.
Lozinskaia, A. M., TSimel'zon, I. O., Laskina, V. V. - Results of a regional survey in the Caspian Sea with underwater gravimeters, p. 115.
Komarov, S. G. - Determining rock porosity by means of specific resistivity, p. 120.
Eidman, I. E. - Electric logging parameters, p. 150.
Obolenskaia, A. N. - Using radioisotopes for investigating wells, p. 190.
Lobov, V. A. - Geological results of the gas analysis method in Kuybyshev Province, p. 201.
Koprova, N. A. - Luminescence and bituminous characteristics of Paleozoic deposits of the Kuybyshev region in the Volga Valley, p. 207.
Kupalov-IAropolk, I. K. - Geophysical oil-prospecting methods abroad, p. 214.

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 22, no. 5, May 1956.
Table of contents translated:
Fedorov, I. I. - Results of the second congress of the trade union of geological prospecting workers and problems of trade-union organizations, p. 1.
Platonov, V. I. - Conditions of the formation of marine beach placers (such as deposits in foreign countries), p. 6.
Polovinkina, IU. Ir. - Tasks of petrological departments of institutions in the system of the Ministry of Geology and Conservation of Mineral Resources, p. 10.
Shamshev, F. A. - Exploratory drilling equipment, p. 21.
Radchenko, V. P. - Measuring the deflection of wells by the "Mir" apparatus, p. 23.
Kviatkovskii, E. M., TSigel'man, I. S. - Simplified method of treating metal ore assaying samples, p. 26.
Mudretsova, E. A. - Determining the elements of a sharply dipping stratum on the basis of the anomaly curve of the force of gravity, p. 32.
Orekhov, B. I. - Mapping zones having varied fractured rock on the basis of borehole cores, p. 30.
Kolomenskii, N. V. - Some problems in the engineering geological sampling of rocks, p. 43.
Vorob'ev, I. I. - Gear pump for water flushing of wells during underground boring, p. 49.
Bubnov, E. S. - Equipment manufactured in Sweden for core drilling geological exploratory boreholes, p. 53.
Krasulin, V. S. - "Atlas of theoretical curves for interpreting magnetic and gravitational anomalies." D. S. Mikov, p. 93.

REFERATIVNYI ZHURNAL: METALLURGIIA [JOURNAL OF ABSTRACTS: METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.
Contents:
[Abstracts] Referaty 7022-8208, 165 p.

RUKOVODIASHCHIE MATERIALY PO GAZOPLAMENNOI OBRABOTKE METALLOV [INSTRUCTIONS ON GAS WELDING AND CUTTING OF METALS]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov [All-Union Scientific Research Institute of Autogenous Working of Metals]. Moscow, no. 8, 1955.
Title translated:
Operation of portable acetylene generators, 71 p.
Title transliterated: Ekspluatatsiia perenosnykh atsetilenovykh generatorov, 71 p.

STAL' [STEEL]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 16, no. 7, July 1956.
Table of contents translated:
Kochin, M. F. - Regularity in the reactions of the burden in blast furnaces, p. 579.
Kulik, A. I., and others. - The use of high-alumina bricks in air preheaters, p. 582.
Pisarov, V. S. - Fuel for sintering plants, p. 585.
Shneerov, IA. A., and others. - Oxygen blow in the bath during the open-hearth conversion of phosphorous cast iron, p. 587.
Bystrov, S. N., Dobrokhotov, A. A., Morozov, A. N. - Performance of an open-hearth furnace with supply of additional air to the doghouse, p. 597.
Bokshitskii, IA. M., Portsev, M. A., Kozlov, F. V. - Avoiding the formation of axial cracks in alloy steel ingots, p. 602.
Chekmarev, A. P., IUdovich, S. Z. - Using guides for rolling alloy steel, p. 606.
Filipov, S. N., Beda, N. I., Borisenko, G. P. - The adjustment of wire rolling mill guides, p. 614.

Goncharevskii, M. S., Bogolavlenskaia, N. V. - Anti-corrosive protection of pipes during transportation and storage. p. 619.
Kasatkin, B. S. - Allowable arsenic content in MSt. 3 open-hearth steel. p. 624.
Ipatov, N. K. - Checking steel defects on temper fractures. p. 629.
Myrisymov, A. F., Nekrasov, I. A. - Ways of developing old Ural plants. p. 631.
Kandlor, N. V., Rabinovich, M. L., Khomenko, V. S. - Effect of technological factors on the quality of rolls evaluated by machine-tabulated statistical analysis. p. 634.
Stupar', S. I., Kandlor, N. V., Albul, T. I. - Investigation of cast-steel rolls. p. 638.
Improving the structure of high-speed ingot steel. p. 645.
Improving the quality of cast-iron rolls for shape rolling. p. 647.
The quality of cast-iron rolls for shape rolling. p. 649.
Stress-relief theory in the formation of cracks in cast-iron molds. p. 650.
Saving nickel in the smelting of stainless steel. p. 651.
Temperature distribution on the walls of a blast furnace slag-car ladle. p. 652.
Welded pipe made of cut strips. p. 653.
Correlation between the mechanical properties of commercial iron and preliminary strain. p. 654.
MK and M low-alloy structural steels. p. 655.
Repair by electric welding of a cast-iron hammer cylinder. p. 656.
Survey of the Novo-Tagilka Metallurgical Plant. p. 658.
The use of vacuum in ferrous metallurgy. p. 661.
Improving the use of settling tanks. p. 662.
New-type vacuum furnace. p. 663.
Electromagnetic stirring of steel. p. 664.
The pouring of steel into horizontally placed molds. p. 664.
Mechanical removal of dross. p. 665.
Effective way of preheating the galvanizing bath. p. 667.
"Principles of safety techniques" B. M. Zlobinskii. p. 668.
"Pipe rolling and pipe welding" P. T. Emel'ianenko, A. A. Shevchenko, S. I. Borisov. p. 669.
Annotations. p. 670.

STAL'EPLAVIL'NOE PROIZVODSTVO [STEEL SMELTING]. Moscow, no. 1, 1956.
Table of contents translated:
Petukhov, B. G., Shirokov, N. I. - Smelting chromium steel from chrome iron ores. p. 5.
Shirokov, N. I., Domykin, K. V. - Changes of hydrogen content in metal and slag in the course of steel smelting in large capacity open-hearth furnaces. p. 23.
D'iakonov, A. I. - Electric conductivity of molten slag during the process of smelting steel in open-hearth furnaces. p. 43.
Afanas'ov, S. G. - Correlation between the design of converter bottoms and the oxygen content of Bessemer steel. p. 56.
Bubli, A. S. - Comparative study of some of the properties of Bessemer open-hearth rimmed steel. p. 62.
Gorelkina, A. E. - Pouring rail steel through a 60 mm. diameter nozzle. p. 68.
Savos'kin, M. E. - Testing open-hearth furnace ports on flame models. p. 74.
Savostin, D. Z. - Using composite crowns in open-hearth furnaces. p. 89.
Magidson, M. A., Prosianov, IU. F. - Elimination of bangings in reversing the valves of open-hearth furnaces at the Serov Metallurgical Plant. p. 94.
Kublinov, N. P., Sochan, I. F. - Temperature of the external surface of chromo-magnesite crowns of open-hearth furnaces. p. 102.
Shevtsov, E. I., and others. - Overlay welding of basic hearths. p. 109.
Lifshits, M. A. - Absorption of sulfur by metallurgical limestone in the process of calcination. p. 120.

STROITEL'STVO PREDPRIIATII NEFTIANOI PROMYSHLENNOSTI [CONSTRUCTION OF PETROLEUM INDUSTRY ENTERPRISES]. Issued by Ministerstvo stroitel'stva predpriiatii neftianoi promyshlennosti [Ministry for the Construction of Petroleum Industry Enterprises]. Moscow, vol. 1, no. 1, Mar. 1956.
Table of contents translated:
Kortunov, A.K. - For further development of construction. p. 1.
Chentemirov, M.G. - Experimental-demonstration construction of apartment houses from large brick building blocks. p. 4.
Ignatchenko, E.A. - Industrial method and progressive technology in the installation of connecting pipelines. p. 8.
Solivanov, P. A. - New method of communication for main gas pipelines. p. 11.
Popovskii, B.V., Zil'berberg, A.L. - Continuous deployed installation of tank farms. p. 14.
Fal'kevich, A.S. - Progress and new tasks in the field of pipeline and tank welding. p. 19.
Il'in, L.M. - Business accounting is a method of reducing costs of construction. p. 23.
Kulevskii, F.P. - The work of innovator Savochkin's crew (Trust no. 25). p. 26.
Meeting of installation innovators. p. 27.
Ivantsov, O.M. - Underground storage of petroleum products and compressed gases in natural reservoirs. p. 28.
Using aluminum in petroleum construction. p. 29.
Cart for the radioactive isotope container. p. 30.
New electrodes. p. 30.
New books. p. 30.
From the editor. p. 31.

Vol. 1, no. 2, Apr. 1956.
Table of contents translated:
Vovchenko, N.L. - Tasks of pipeline installers in the sixth five-year plan. p. 1.
Zhdanovich, G.V. - New machines used in construction of petroleum enterprises. p. 3.
Voskanian, T.A. - Demonstration construction of apartment houses using coarse porous concrete building blocks. p. 7.
Tikhanovskii, S. V. - Utilizing new methods in plans of the State Institute for Planning Specialized Petroleum Construction. p. 11.
Taran, V.D., Berezin, V.L. - Study of characteristics of electric butt welds. p. 13.
Chulkin, K.P. - Reinforced concrete tanks from coarse porous concrete for gasoline storage. p. 18.
Kamershtein, A.G. - Extensive use of sharply bent elbows prepared in the shop. p. 20.
Meeting of innovators-equipment operators. p. 23.
Kshondzer, G.L. - Notes from the leading section of the Stavropol'-Moscow gas pipeline. p. 24.
Shaposhnikov, D.A. - Production of clayey lightweight crushed stone. p. 27.
Mironov, S.A. - International congress on winter concrete construction. p. 30.
Hydraulic self-propelled crane. p. 31.
New purpose of pipelines. p. 32.

Vol. 1, no. 3, May 1956.
Table of contents translated:
The most important tasks of industrial construction. p. 1.
Svatikov, M.S. - Efficient method of testing main pipelines. p. 3.
Doroshenko, P.G. - Apparatuses for protecting pipelines against corrosion caused by stray currents. p. 8.
Bunchuk, V.A. - Deep-seated precast factory-made reinforced concrete tanks for petroleum products. p. 10.
Barit, S.IU. - Science in cooperation with industry. p. 12.
Bagirov, V.S. - Unified regional unit rates. p. 15.
Sitov, V.I. - Installation of crossings in the Moscow Basin section of the Stavropol-Moscow gas pipeline. p. 17.
Volkov, A.A. - Precast reinforced concrete used in construction in the Tuymazy oil fields. p. 19.
Group conference of oil-field construction workers. p. 22.
Shaposhnikov, D.A. - Kilning brick clay having increased moisture. p. 23.
Alekseev, L.I. - Using precast foundations and wells. p. 25.
Denisov, N.A. - Piecework payment system for construction workmen. p. 26.
Smirnov, V.P. - Tasks of efficiency promoters and inventors. p. 28.
IAnkelev, L.F. - New high heat-resistant concrete. p. 30.

Vol. 1, no. 4, June 1956.
Table of contents translated:
Tasks of petroleum refinery builders in the sixth five-year plan. p. 1.
Ovruchskii, G.L. - Methods for reducing costs and time of construction of industrial bases for petroleum refineries. p. 3.
Rapoport, IA.A. - Assembling spheroidal storage tanks from preshaped metal rolls. p. 7.
Vinokurov, N.A. - Pay more attention to the industrialization of sanitary-technological work. p. 10.
Lampeko, S.N., Avramets, V.V. - Calculating foundations. p. 12.
Frolov, V.N. - Manufacturing seamless ice pipes. p. 15.
In the State Mining Engineering Inspection Administration. p. 17.
Khomskii, P.D. - Shop for manufacturing brick blocks. p. 18.
Fel'dshtein, L.M. - Unit assembly of the metal elements of refinery installations. p. 21.
Lukovatyi, A.P. - Assembling DKV boilers using large blocks. p. 24.
Plan of a building-assembly trust. p. 25.
Melikhova, E.T. - Efficiency promotion work in the Bashkiria Petroleum Refinery Building Trust. p. 26.
Drill unit for rocky terrain. p. 27.
New petroleum refinery in Durban. p. 28.
Melting insert technique for pipe welding. p. 28.
Forced pipeline laying through swamps. p. 29.
Aerial pipeline crossing. p. 30.
Truck-mounted hydraulic crane. p. 30.
New books. p. 31.
Instructions and standards. p. 32.

Vol. 1, no. 5, July 1956.
Table of contents translated:
For greater development of labor productivity. p. 1.
Livshits, L.S. - Welding alloy steel refinery pipelines. p. 3.
Glazkov, V.I., Kotik, V.G. - Cathodic protection station with a semiconducting thermoelectric generator. p. 7.
Kontorovich, S.O. - Mobile apparatus for manufacturing porous clay filler and wall slabs. p. 10.
Kamershtein, A.G. - Technical instructions for determining the depth of laying main pipelines. p. 12.
IAnkelev, L.F. - Method of rapid determination of heat and temperature conductivity coefficients without taking samples. p. 14.
Selivanov, P.A. - Organization of communications on the Stavropol-Moscow gas pipeline. p. 17.
Planning overhead costs according to construction organization. p. 21.
Zhukov, M.M., Kravchenko, T.K. - Using natural gas for firing bricks. p. 22.
Getmatsev, V.M. - Machine for bending reinforcement rods. p. 24.
Ivanchenko, I.K. - Our experience in building houses using large brick building blocks. p. 25.
Shadrin, P.E. - Organization of socialist competition in an automobile transportation office. p. 26.
New types of pipe layers and rotor excavators. p. 28.
Swedish plastic insulating materials. p. 29.
Coating for underwater pipelines. p. 30.
Orlov, V.M. - Improved trap door. p. 31.
New books. p. 32.

Vol. 1, no. 6, Aug. 1956.
Table of contents translated:
Holiday of Soviet builders. p. 1.
Prepare buildings and enterprises well and on time for work in winter conditions. p. 2.
Zhukov, V.I., Kozlovskaia, A.A. - Insulation work on main pipelines during the winter. p. 4.
Ushamirskii, M.K. - Mixed crews in petroleum industry construction. p. 7.
Tropov, A.P. - Manufacturing large silica blocks. p. 9.
Varzhitskii, A.G. - Precast hollow foundations. p. 11.
Voznesenskii, V.D. - Multiple-point welding press. p. 12.
Antonova, I.T., Barit, S.IU., Veprik, I.B. - Heat-resistant concrete for lining furnaces. p. 16.
Abolition of reinforcing couplings for joints of main pipelines. p. 18.
Ivanov, E.I. - Using cold concrete in construction work. p. 19.
Zagumennyi, A.V. - Earthwork during the winter. p. 20.
Filippov, D.P. - Laying a 900 mm diameter steel conduit. p. 21.
Panin, A.P., Zin'kovskii, P.I. - Organization of plastering work. p. 22.
Moldaver, S.E. - Assembling roofs of multispan industrial buildings having skylights. p. 24.
Conference of building innovators. p. 25.
Balyklov, V.A., Dumanskii, G.V., Pervushin, A.D. - Our experience with the introduction of efficiency suggestions. p. 27.
Lipodat, K.K. - Conduits and a new instrument for driving braces. p. 29.
Durox, a new Swedish building material. p. 31.

TORFIANAIA PROMYSHLENNOST' [PEAT INDUSTRY] Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 33, no. 4, 1956.
Table of contents translated:
Statement from the personnel of the Shatura-Peat Trust enterprises to all workers, technicians, engineers and employees of peat enterprises of the Soviet Union. p. 1.
Rumiantsev, V.IA. - Mechanized harvesting of block peat at the Potrovsko-Kobelovskii Peat Enterprise. p. 3.
Shelygin, L.A. - Further perfection of units for peat machinery. p. 4.
Ivashechkin, N.V. - Some of the results of research work carried out by peat enterprises in 1955. p. 8.
Shchapkin, A.E. - Conversion of hydro peat fields for winning milled peat. p. 11.
Batova, V. S. - Work of the enterprises on efficiency and inventions. p. 13.
Averbukh, M.N. - Volumetric weight of the peat bog layer being milled. p. 17.
Petrenko, F.F. - The UVG-1 machine for drying hydro peat. p. 20.
Chelnokov, A.A. - Raise the technical level of the construction of peat enterprises and introduce plowing for the preparation of new fields. p. 22.
Gorinshtein, L.L. - Coefficient of demand in the determination of the power of substations. p. 25.
Kurdiumov, S.V. - Experience gained from the operation of excavator peat turning machines. p. 27.
Paremskii, B.D. - Urgent problems of the peat industry in the White Russian S.S.R. p. 29.
Borisov, A.I. - The SMD hammer mill. p. 31.

B 16h - 17b

Beliakov, I.A., Zenkov, M.V. - Light borehole filter pump (LIU-5). p. 35.
Exchange of experience. p. 37.
Brief news. p. 39.
Results of all-Union socialist competition in the peat industry under the Ministry of Electric Power Stations of the U.S.S.R. during the first quarter of 1955. p. 39.
Literature on peat. p. 40.

Vol. 33, no. 5, 1956.
Table of contents translated:
Editorial: School of advanced industrial practices. p. 1.
Bragin, N.A., Kiselev, B.N. - Technical maintenance of milled peat fields. p. 5.
Lamkov, N.I. - Practices in mechanizing the hydro-peat method in fields with open drainage systems. p. 8.
Belokopytov, I.E. - Milled peat qualitative indexes and means for the improvement of peat quality. p. 9.
Khaluga, A.K. - Operating plan for milled peat harvesting aggregates. p. 13.
Apt, L.S., D'iachkov, G.S. - Determining the degree of peat decomposition. p. 16.
Krivokhizhin, S.D. - Construction of small yards for precast reinforced concrete production. p. 19.
Stolfik, M.A. - Organizing mechanized crews for railroad construction. p. 21.
Zav'ialov, V.A., Ivanov, V.N., Voroshilov, A.P. - Moisture content of the raw material for peat briquette plants. p. 23.
Tishchenko, A.T. - Drying peat by hot gases. p. 27.
Tagantseva, T.F. - Heat exchange between suspended particles of milled peat and the stream. p. 30.
Winning and utilization of peat in Finland. p. 33.
Winning and utilization of peat in Canada. p. 33.
Exchange of experience. p. 34.
Brief news. p. 37.
Results of all-Union socialist competition in the peat industry under the Ministry of Electric Power Stations of the U.S.S.R. during April 1956. p. 38.
Peat literature. p. 39.

TSEVTNYE METALLY [NONFERROUS METALS]. Organ of Ministerstvo tsvetnoi metallurgii SSSR [Ministry of Nonferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 29, no. 6, June 1956.
Table of contents translated:
Shumkov, O.A. - High-speed flotation and problems of over-all intensification of the flotation process. p. 1.
Ioffe, E.I. - Using a flow diagram in crushing and flotation. p. 11.
Rozov, V.N. - Improving electrolytic nickel refining processes. p. 16.
Abdeev, M.A., Stroitelev, I.A., Miller, O.G. - Structural transformations of polymetallic mattes during the converter process. p. 24.
Sergeev, P.V., and others. - Electric preheating of boilers for the refining of lead. p. 31.
Peisakhov, I.L., Denisov, V.F. - Regulating the feed of neutral electrolytes in electrolytic baths used in the zinc industry. p. 36.
Gurlev, A.E. - Displacement of lead from galena by means of iron. p. 41.
Granovskaia, M.N. - Automatization of flame furnaces in nonferrous metallurgy. p. 44.
Forshlom, G.V., Sandler, R.A. - The $CO^2$ content in anodic gases as a method of checking the electrolytic process of alumina-cryolite smelting. p. 47.
Kaganskii, I.M., Edigarian, A.A. - Heat balance in aluminum baths. p. 56.
Severgin, N.S. - Deoxidation or alloying. p. 61.
Korozo, V.I. - New pneumatic mechanism for the extraction of pins from anodes. p. 65.
Dik, I.P. - Fan with an impactless blade inlet. p. 66.
Automatic device to prevent the overfilling of runners with ore. p. 69.
Conference of the readers of the periodical

Basin. p. 16.
Rzhevskii, V.V., Malusheva, N.A. - Evaluation of developed deposits and the cost of coal in open pit mining. p. 19.
Chekhovskoi, P.A. - Economic effectiveness of preparing coal for use in power engineering. p. 23.
Kharchenko, A.K. - Increasing labor productivity is a most important task for the coal industry. p. 31.
Burshtein, G.IA. - Changing the wage system in coal mining. p. 36.
Menlailov, V.E. - Response to P.M. TSimbarevich's article "Pressure on the timbering in working a thick coal seam by horizontal slicing and filling." p. 40.
Kalman, Simon. - Boring and blasting operations in Hungary. p. 40.
Results of the First All-Union Conference on Geothermal Investigations in the U.S.S.R. - 42.
Scientific and technical conference on mine drainage and the manufacture of pumps. p. 43.
Dobrovol'skii, V.V., Malyshev, A.G. - "Working thick pitching seams by using hydraulic filling of mined areas." B.M. Vorob'ev. p. 44.
"Ugol'" during 1955. p. 45.
New books on mining. p. 46.
Articles on coal from foreign journals (conclusion). p. 47.

## 17. MILITARY & NAVAL SCIENCES

### a) MILITARY SCIENCE

NASHI VESTI. OUR NEWS. Published by Upravlenie Soiuza b. chinov Russkogo korpusa [Administration of the Association of Former Members of the Russian Corps]. New York, N.Y., vol. 12, nos. 114(2251)-115(2252), Nov. 1956.

PEREKLICHKA [ROLL CALL]. Organ of Otdel Obshchestva Gallipolitsev v S.A.S. Sh-kh [Section of the Gallipoli Society in the U.S.A.]. New York, vol. 5, no. 61, Nov. 1956.

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 31[i.e. 32], no. 5, May 1956.
Table of contents translated:
The people are creative and victorious. p. 1.
Gorbatov, V. - The glory of these days will not fade away... p. 2.
Efetov, Mark. - A miner's feat. p. 4.
Abramov, I. - Development of technology in the sixth five-year plan. p. 5.
Burkatskaia, G. - Our patriotic duty. p. 7.
Tiulenev, I. - Russian infantry. p. 8.
Savel'ev, L. - Watchfulness is a weapon of the Soviet soldier. p. 10.
Simzen, IU. - Concern of the motherland for its soldiers. p. 11.
Novgorodov, A. - Attack. p. 12.
Metreveli, G. - Self-propelled missiles. p. 14.
Shoshkov, E. - Underwater acoustics. p. 16.
Rabinovich, I. - Marksmanship training for the Spartakiada. p. 17.
Batrachnyi, V. - Shooting at moving targets. p. 19.
Faizullin, I. - Training lifeguards. p. 21.
Belinkov, N. - Boat crew training. p. 22.
Bochin, N. - Public-spirited instuctor. p. 23.
Korostin, B. - We learn to overcome the hardships of field life. p. 24.
Dokuchaev, N. - In every collective farm, a defense group. p. 26.
Letters form readers. p. 26.
Hruska, C. - Mass defense organization of Czechoslovak patriots. p. 28.
Monastyrev, Vladimir. - The tobacco pouch; a story. p. 29.
To readers about books. p. 31.

### b) NAVAL SCIENCE

BLOKNOT AGITATORA VODNOGO TRANSPORTA [THE WATER TRANSPORTATION AGITATOR'S NOTEBOOK]. Issued by Politicheskoe upravlenie Ministerstva morskogo flota SSSR [Political Administration of the Ministry of the Maritime Fleet of the U.S.S.R.]. Moscow, no. 14(54), July 1956.
Table of contents translated:
For the welfare of the Soviet people. p. 1.
Polevoi, A. - Growth in labor productivity is the most important condition for the development of a merchant marine. p. 2.
Kliatskin, S.G. - The struggle against the personality cult and its consequences. p. 10.
Belov, I. - Servicing machinery during an Antarctic voyage. p. 26.
Livanov, I. - Towns that have not been on the map. p. 33.
The coal industry in the sixth five-year plan (facts and figures). p. 43.
World shipping and shipbuilding (facts and figures). p. 47.
New books. p. 3 of cover.

No. 18(58), Sep. 1956.
Table of contents translated:
Great holiday of the Soviet people. p. 1.
Tregubov, A. - Thirty-eighth anniversary of the Lenin Communist Youth League. p. 23.
Indonesia. p. 36.
New books. p. 48.

MORSKOI FLOT [THE MERCHANT MARINE]. Organ of Ministerstvo morskogo flota SSSR [Ministry of the Maritime Fleet of the U.S.S.R.]. Moscow, vol. 16, no. 6, June 1956.
Table of contents translated:
Editorial: Bykov, N. - Ways of improving the operations of ship repairing enterprises. p. 1.
Povaliaev, N. - Annual planning for cargo ship operations. p. 6.
Medvedev, IU., Pustovoi, P. - Some problems in organizing ship movements. p. 8.
Obermeister, A. - Development of mechanization of cargo handling in sea ports. p. 10.
Vasilovskii, P. - Using course angle grids to define the course and speed of a vessel located by radar. p. 12.
Plotko, G. - On Captain P. Vasilovskii's article. p. 14.
Kozhukhov, V. - Calculating position coordinates by direction finders of two sector radio beacons. p. 15.
Miriushchenko, A., Koz'minykh, A. - Operation of marine diesel main engines having all-speed governors. p. 16.
Sushkov, B. - Mechanized cleaning techniques for the petroleum tanker fleet. p. 18.
Frik, A. - Booster system for the electric drive of deck machinery. p. 20.
Seliverstov, A. - Longitudinal launching of a ship on slips with varying inclination and without ways. p. 22.
Shomiakin, V. - Rapid repairing of the "VKP (b)" tank vessel. p. 25.
Belakovskii, IA. - Replacement of rudderhead roller bearings by radial-thrust ball bearings. p. 27.
Shumilo, I., Kheifman, G. - Diesel stopping device for cases of oil pressure drop in the main distributor. p. 28.
Samoilovich, P. - Modern gantry cranes in west European ports. p. 29.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Shipbuilding Industry]. Nos. 29-34, July-Aug. 1956.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota SSSR [Ministry of the River Fleet of the U.S.S.R.]. Moscow, vol. 15, no. 6, June 1956.
Table of contents translated:
Improving the technical operation of ships is a potential for the increase of transportation capacity and profitableness of the fleet. p. 1.
Preventive maintenance of engines using a step-by-step technique. p. 3.
Our experience in the technical operation of tugboats. p. 5.
Tiutnev, S.A., Fomin, N.I. - Our experience in the technical operation of vessels of the "Bor" type. p. 8.
"Shipbuilding" Pavilion at the All-Union Industrial Exhibition. p. 10.
Budtolaev, N.M., Kozhov, V.I. - Studying navigation in the Lena River basin. p. 11.
Khlopkov, V. - Developing the transport of wheat in mixed railroad-waterway facilities. p. 13.
Grigorenko, A.I. - Controlling the movement of ships on an angular course. p. 14.
Osipov, M.E. - Towing rafts on the Volga-Kama basin reservoirs. p. 15.
Liakhov, K. - Accounting of freighter operations. p. 18.
Antonov, M.F., TSurkov, N.S. - Potentialities still to be used for speeding up cargo handling in ports. p. 19.
Vil'pert, A.S. - More on expenditures per one kilometer of waterway. p. 21.
Kovrigin, I. - Reducing expenditures per one kilometer of guaranteed-depth waterway. p. 23.
Tavrizov, V.M. - Correct planning and cost reduction in waterway maintenance. p. 24.
Kulikovskii, P.P. - "Countercurrent," a mechanical stoker for marine boilers. p. 26.
Gogin, A.F. - Serious errors in a textbook. p. 29.
River and sea-going lankers. p. 31.
Reinforcing bank slopes with concrete panels. p. 3 of cover.

Vol. 15, no. 7, July 1956.
Table of contents translated:
For the development of river transportation in the

Union republics. p.1.
Development of harbors and wharves in the sixth five-year plan. p. 3.
Znamenskii, S.I. - Dispatch control over the use of ships. p. 7.
Brodskii, M.I. - Dispatch control installations in a river port. p. 9.
Erpichev, M.I. - Gripping device for stacking bricks without trays. p. 10.
Chinch, N.A., Karmazo, V.V. - New-model rail grip for the "Slaryi Burlak" crane. p. 11.
Khabenskii, M.IA. - Semiautomatic and remotely controlled electric cranes with single-engine drive for the three-drum windlass designed for use in ports. p. 11.
Shustrov, D. - System of indicators for the operative guidance and control over the navigation and use of ships. p. 13.
Chemodanov, V.I. - Towing operations in canal lock roadsteads. p. 16.
Medvedev, S. - Incorrect methods for the calculation of speed rate of pushing tugboat formations. p. 16.
TSinker, G.P., Lazebnik, G.E. - Wharf structures for river ports. p. 21.
Kuskov, L.S. - Changes in navigation on the Volga caused by the construction of Kuybyshev Hydro-electric Power Station. p. 22.
Ivlieva, A.M. - Technical and economic evaluation of the efficacy of assembly methods in repairing series of ships. p. 23.
IAkovlev, V.A. - Remote-control system designed by F.L. Korpachev. p. 25.
Pisarenko, E.E. - Kherson shipbuilding yard is 150 years old. p. 26.
River transportation in China. p. 29.
Formations of pushing tugboats for lake and sea navigation. p. 32.

SOVETSKII MORIAK [SOVIET SAILOR]. Issued by Glavnoe politicheskoe upravlenie Ministerstva oborony SSSR [Main Political Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, vol. 16, no. 3, Feb. 1956.

Table of contents translated:
Kosolapov, V. - Wisdom, honor, and conscience of our era. p. 2.
Patriotic uplift. p. 4.
Lichak, N. - Helmsmen will be outstanding. p. 6.
Fedorov, Pavel. - Kliment Efremovich Voroshilov; on his 75th birthday. p. 7.
Uralov, N. - The word of a sailor is firm. p. 9.
Story of chief petty officer Bannikov. p. 10.
Safeguarding peaceful labor. p. 13.
Ust'iantsev, V. - In the same ranks; a story. p. 14.
Goncharov, A. - Our sailors' club. p. 17.
Winter training. p. 18.
Samoilov, L., Skorbin, B. - Guarding marine depths; a tale (to be continued). p. 20.
Turova-Poliak, M. - Outstanding scientific worker. p. 22.
Panferov, K. - Following white tracks; a hunter's story. p. 23.

[PHOTOSTAT]

Vol. 16, no. 5, Mar. 1956.

Table of contents translated:
Baikov, I. - Congress dedicated to great achievements. p. 2.
Great program. p. 4.
Golovanov, K. - Independent watch. p. 6.
Aleksandrov, S. - Ship electricians. p. 7.
Fridliand, S. - Great changes in a small town. p. 8.
Miliutin, V. - Creative flame; a story. p. 9.
Syroplatov, A. - Antiaircraft gunners. p. 13.
Vorob'ev, E. - Medical officer. p. 14.
Makarov, A. - Dmitrii Furmanov. p. 15.
Skurikhin, A. - On virgin lands. p. 16.
Vinogradov, IU. - On Burunnyi Island; a story. p. 17.
Tunitskii, A. - Story about radio operators ("At a naval post," S. Zarubin.) p. 21.
Aseev, L. - Book on submarines. p. 21.
Sofronov, Lev. - Difficult role; humoristic story. p. 22.

[PHOTOSTAT]

Vol. 16, no. 8, Apr. 1956.

Table of contents translated:
Visible features of communism. p. 2.
Chukreev, V. - Naval patrol; a story. p. 4.
Abramov, M. - Courageous cutter commander. p. 6.
Barinov, M. - Under sail; a story. p. 7.
Rapidly and with skill. p. 10.
Khametov, M. - Difficult navigation; a report. p. 12.
Tugaev, N. - Master of accurate fire. p. 13.
The navy is proud of such men. p. 14.
Syroplatov, A. - Painstaking work. p. 15.
Kotnitskii, G. - An ear for music; a story. p. 16.
Artistic development. p. 17.
Bogorov, V. - Ocean life. p. 18.
Osipov, V. - Future naval officers. p. 20.
Vadimov, D. - Recordholder Aleksandr Tarnavskii. p. 22.
Sofronov, Lev. - Well-suited couple; humoristic story. p. 23.

[PHOTOSTAT]

SUDOSTROENIE [SHIPBUILDING] Organ of Ministerstvo sudostroitel'noi promyshlennosti [Ministry of the Shipbuilding Industry]. Leningrad, vol. 22, no. 4(162), Apr. 1956.

Table of contents translated:
Nogid, L.M. - Some particularities in the design of fishing vessels. p. 1.
Zaitsev, I.A. - Design of a diesel-electric plant for a tugboat. p. 11.
IAnchevskii, E.A. - Damage to propeller shafts due to corrosion. p. 16.
Lotkin, V.S. - Analysing methods used in the calculation of strain changes in synchronous generators caused by sudden loads. p. 19.
Demchuk, I.S. - Bending pipes and rolled shapes by using induction heating. p. 26.
Ovchinnikov, I.N., Petrov, N.I. - Installing the steering gear of a tanker afloat. p. 29.
Korchagin, M.I., and others. - Problems in the modernization of the merchant marine. p. 33.
Kuznetsov, I.F. - Adjustable container for gamma-ray flaw detectors using radioactive cobalt. p. 37.
Lovin, M.B. - High-viscosity ditol glue. p. 39.
Khelfets, S.A. - Transportation by electric trucks in shipbuilding plants. p. 40.
Vinogradov, S.S. - Experience in repairing high-speed gear drives. p. 41.
Materials presented at various scientific and technical conferences of technologists and shipbuilders held in 1955. p. 42.
Proposed new standards for cargo transportation vessels worked out by the U.S. Naval Administration. p. 44.
The U.S. aircraft carrier, "Forrestal." p. 48.
Method for the ventilation of tankers. p. 48.
Tanker "Iaragua." p. 48.
Eidel'man, D.IA. - New nonmetal materials used in Polish shipbuilding. p. 49.
From the pages of journals. p. 52.

Vol. 22, no. 5(163), May 1956.

Table of contents translated:
One hundredth anniversary of the founding of the Baltic Shipbuilding and Mechanical Engineering Plant. p. 1.
Aleshkin, A.D. - Tankers "Apsheron" and "Tuapse." p. 6.
Dubinskii, S.L., Rusanova, E.I., Stoll, B.F. - Calculation of toroidal expansion joints for low-pressure piping. p. 14.
Darabash, M.B., Sinitsyn, A.I. - Effect of temperature and air humidity on the operation of marine diesel engines. p. 17.
Kogan, M.A. - Some peculiarities in the technological process of expanding and flanging pipes. p. 22.
Lushkov, N.L., Razdui, F.I. - Using the Sv-08 wire in manufacturing electrodes for welding ship structures. p. 27.
Popilov, L.IA. - Spot welding for the repair of worn parts in ship machinery. p. 31.
Matskevich, L.M. - Time norms for planning major construction work. p. 36.
Ostashevich, F.I. - Improving assembly-room operations in a shipbuilding plant. p. 40.
Improved techniques for air duct installation. p. 42.
Heat-exchanger installation and pipe fitting. p. 43.
Installing diesel-electric engines. p. 43.
Notes on scientific and technical confer held by engineers and shipbuilders in 1955. p. 43.
Dormidontov, F.K. - The Sperry stabilizer. p. 47.
Dashevskii, I.S. - Electric power plant on the American ship "Glacier." p. 49.
New books. p. 52.

Vol. 22, no. 6(164), June 1956.

Table of contents translated:
Boguslavskii, A.N. - Approximate calculations of the arms of stability of a hull shell. p. 1.
Lebedev, V.S. - Redefining tolerances for steel plate thickness. p. 5.
The steamship "I. Sechenov." p. 7.
Nikol'skii, N.I. - Performance of axial flow compressors under variable-load conditions. p. 9.
Goremykin, P.N. - Thin, flexible thrust collars in gear-turbine engines. p. 17.
Smirnov, V.I. - Base lines in shipb ding. p. 22.
Vasil'ev, V.N. - Pneumatic hoist for the storage tube of gamma ray source containers. p. 30.
Kamnev, G.F., Nadporozhskii, I.I. - Automatic gauge for water flow level. p. 31.
Klochkov, S.A. - A spring torsion meter. p. 34.
Pavlov, N.A. - Thermocouple with open hot junction to be used at high pressures. p. 36.
Kriuchkov, IU.S. - Trends in the development of submarine construction abroad. p. 37.
Neiman, D.S. - Marine corrosion stations abroad. p. 42.
From the pages of journals. p. 45.
Conference of inventors and efficiency experts in the Main Administration of the Shipbuilding Industry. p. 46.
Conference devoted to problems of tolerances in the construction of ship hulls. p. 47.

PART C

List of Periodicals and Abbreviations Used

| | |
|---|---|
| Agrobiologiia (15a) | Agrobiologiia [Agrobiology] |
| Akush. i gin. (14b) | Akusherstvo i ginekologiia [Obstetrics and Gynecology] |
| Akust. zhur. (13f) | Akusticheskii zhurnal [Journal of Acoustics] |
| Apt. delo (14f) | Aptechnoe delo [Pharmacy] |
| Arkhit. i stroi. Len. (10b) | Arkhitektura i stroitel'stvo Leningrada [Architecture and Construction in Leningrad] |
| Arkhit. i stroi. Mosk. (10b) | Arkhitektura i stroitel'stvo Moskvy [Architecture and Construction in Moscow] |
| Arkhit. nas. (10b) | Arkhitekturnoe nasledstvo [Architectural Heritage] |
| Arkhit. SSSR (10b) | Arkhitektura SSSR [Architecture of the U. S. S. R.] |
| Astron. tsir. (13b) | Astronomicheskii tsirkuliar [Astronomical Circular] |
| Atom. energ. (16e) | Atomnaia energiia [Atomic Energy] |
| Avt. dor. (16d) | Avtomobil'nye dorogi [Highways] |
| Avt. i trakt. prom. (16g) | Avtomobil'naia i traktornaia promyshlennost' [Automobile and Tractor Industry] |
| Avt. transp. (16g) | Avtomobil'nyi transport [Automotive Transportation] |
| Avtom. svar. (16f) | Avtomaticheskaia svarka [Automatic Welding] |
| Belarus' (1b) | Belarus' [White Russia]. In White Russian. |
| Belaruski zbornik (1a) | Belaruski zbornik [White Russian Review]. In White Russian. |
| Bet. i zhel.-bet. (16d) | Beton i zhelezobeton [Concrete and Reinforced Concrete] |
| Biarozka (1b) | Biarozka [The Little Birch]. In White Russian. |
| Bibliot. SSSR (2b) | Bibliteki SSSR [Libraries of the U. S. S. R.] |
| Bibliotekar' (2b) | Bibliotekar' [The Librarian] |
| Biblos (2a) | Biblos; zhurnal bibliografii, krytyky i retsenzii [Biblos; Journal of Bibliography, Criticism, and Reviews]. In Ukrainian. |
| Biofizika (13c) | Biofizika [Biophysics] |
| Biofizika, biokhimiia, fiziologiia, mikrobiologiia (13c) | Biofizika, biokhimiia, fiziologiia, mikrobiologiia; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Biophysics, Biochemistry, Physiology, Microbiology; Systematical Index of the Articles in Foreign Periodicals] |
| Biokhimiia (13c) | Biokhimiia [Biochemistry] |
| Biul. eksp. biol. i med. (14a) | Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine] |
| Biul. Sov. po seism. (12c) | Akademiia nauk SSSR. Sovet po seismologii. Biulleten' Academy of Sciences of the U. S. S. R. Council on Seismology] |
| Biul. stroi. tekh. (16d) | Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering] |
| Biul. VAGO (13b) | Vsesoiuznoe astronomo-geodezicheskoe obshchestvo. Biulleten' [All-Union Astronomical-Geodetic Society. Bulletin] |
| Biulleten' izobretenii (16a) | Biulleten' izobretenii [Bulletin on Inventions] |
| Blok. agit. (6) | Bloknot agitatora [The Agitator's Notebook] |
| Blok. agit. vod. transp. (17b) | Bloknot agitatora vodnogo transporta [The Water Transportation Agitator's Notebook] |
| (6) | Bor'ba [The Struggle] |
| (13c) | Botanicheskii zhurnal [Botanical Journal] |
| 5a) | Bukhgalterskii uchet [Accounting] |
| b) | Dal'nii Vostok [Far East] |
| ienii izo- ogii | Deistvie izlucheniĭ i primenenie izotopov v biologii; sbornik perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Effect of Radiation and Application of Isotopes in Biology; Translations, Surveys and Abstracts of Foreign Periodical Literature] |
| c) | Den'gi i kredit [Money and Credit] |
| 3f) | Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry] |
| | Dnipro [Dnieper]. In Ukrainian. |
| SSR | Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S. S. R. Reports] |
| . SSR | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S. S. R. Reports] |
| (13a) | Akademiia nauk SSSR. Doklady [Academy of Sciences of the U. S. S. R. Reports] |
| Dokl. AN Tadzh. SSR (1a) | Akademiia nauk Tadzhikskoi SSR, Stalinabad. Doklady [Academy of Sciences of the Tajik S. S. R. Reports] |
| Dokl. Akad. sel'khoz. (15a) | Vsesoiuznaia Akademiia sel'skokhoziaistvennykh nauk im. I. V. Lenina. Doklady [All-Union Lenin Academy of Agricultural Sciences. Reports] |
| Dop. AN URSR (13a) | Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S. S. R. Reports]. In Ukrainian. |
| Dop. ta pov. L'viv. un. (1a) | Lvov. Universytet. Dopovidi ta povidomlennia [University. Reports and Notes] |
| Doshk. vosp. (8a) | Doshkol'noe vospitanie [Preschool Education] |
| Doshk. vykh. (8a) | Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian. |
| Druzh. nar. (11b) | Druzhba narodov [Friendship of Peoples] |
| Dukhovnoe probuzhdenie (3b) | Dukhovnoe probuzhdenie [Spiritual Awakening] |
| Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' (16e) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Electric Equipment Industry] |
| Ekspress-informatsiia. Seriia: Gornoe delo (16h) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Gornoe delo [All-Union Institute of Scientific and Technical Information. Express Information. Series: Mining Industry] |
| Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' (16h) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Petroleum Industry] |
| Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' (16e) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Radio Equipment Industry] |
| Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' (17b) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Shipbuilding Industry] |
| Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika (13a) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika [All-Union Institute of Scientific and Technical Information. Express Information. Series: Computer Engineering] |
| Elek. sta. (16e) | Elektricheskie stantsii [Electric Power Stations] |
| Elektrichestvo (16e) | Elektrichestvo [Electricity] |
| Elektrosviaz' (16e) | Elektrosviaz' [Telecommunication] |
| Energetik (16e) | Energetik [Electric Power Technician] |
| Energomashinostroenie (16g) | Energomashinostroenie [Power Machinery Construction] |
| Est. v shkole (13c) | Estestvoznanie v shkole [Natural History in Schools] |
| Ežebi Bashkortostan (11b) | Ežebi Bashkortostan [Literary Bashkiria]. In Bashkir. |
| Farm. i toks. (14f) | Farmakologiia i toksikologiia [Pharmacology and Toxicology] |
| Fel'd. i akush. (14g) | Fel'dsher i akusherka [Feldsher and Midwife] |
| Fin. SSSR (5c) | Finansy SSSR [Finance of the U. S. S. R.] |
| Fiz. met. i metallored. (16h) | Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy] |
| Fiz. v shkole (13f) | Fizika v shkole [Physics in Schools] |
| Fizika, mekhanika, matematika (13f) | Fizika, mekhanika, matematika; Sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Physics, Mechanics, Mathematics; Classified Index of Articles in Foreign Periodicals] |
| Fiziol. rast. (13c) | Fiziologiia rastenii [Physiology of Plants] |
| Fiziol. zhur. [Ukr.] (13c) | Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian. |
| Fizk. i sport (8b) | Fizkul'tura i sport [Physical Education and Sports] |
| Flora Azerb. (13c) | Flora Azerbaidzhana [Flora of Azerbaijan] |
| Geog. v shkole (12b) | Geografiia v shkole [Geography in Schools] |
| Geokhimiia (12c) | Geokhimiia [Geochemistry] |

| | |
|---|---|
| Geol. zhur. (12a) | Geologichnyi zhurnal [Geological Journal] |
| Gidr. i mel. (15a) | Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation] |
| Gidr. stroi. (16d) | Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction] |
| Gig. i san. (14g) | Gigiena i sanitariia [Hygiene and Sanitation] |
| Gor. khoz. Mosk. (16d) | Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow] |
| Gor. zhur. (16h) | Gornyi zhurnal [Mining Journal] |
| Grani (11b) | Grani [Frontiers] |
| Grazhd. av. (16b) | Grazhdanskaia aviatsiia [Civil Aviation] |
| Informatyvny lystok zv'iazku (3b) | Ukraine'kyi khrystyiane'kyi rukh. Informatyvnyi lystok zv'iazku [Ukrainian Christian Movement. Information Bulletin of the Union]. In Ukrainian. |
| Inostr. iaz. v shkole (11a) | Inostrannye iazyki v shkole [Foreign Languages in Schools] |
| Inostr. lit. (11b) | Inostrannaia literatura [Foreign Literature] |
| Isk. kino (9a) | Iskusstvo kino [Cinema Art] |
| Iskusstvo (10a) | Iskusstvo [Art] |
| Issl. i mat. Inst. po izuch. SSSR (4a) | Institut zur Erforschung der UdSSR - Institut po izucheniiu SSSR. Issledovaniia i materialy [Institute for the Study of the U. S. S. R. Investigations and Materials] |
| Ist. arkh. (4a) | Istoricheskii arkhiv [Historical Archives] |
| Ist. -mat. issl. (13e) | Istoriko-matematicheskie issledovaniia [Studies in the History of Mathematics] |
| IUn. nat. (13c) | IUnyi naturalist [Young Naturalist] |
| IUnost' (11b) | IUnost' [Youth] |
| Izdaniia NATI | see Trudy NATI |
| Iz tvor. op. (10a) | Iz tvorcheskogo opyta [Creative Experience] |
| Izm. tekh. (16a) | Izmeritel'naia tekhnika [Measurement Techniques] |
| Izv. AN Arm. SSR. Biol. i sel'khoz. nauki (15a) | Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie i sel'skokhoziaistvennye nauki [Academy of Sciences of the Armenian S. S. R. Bulletin. Biological and Agricultural Sciences]. In Russian and Armenian. |
| Izv. AN Arm. SSR. Obshchestv. nauki (1a) | Akademiia nauk Armianskoi SSR. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S. S. R. Bulletin. Social Sciences]. In Russian and Armenian. |
| Izv. AN Arm. SSR. Ser. FMET nauk (13a) | Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Serila fiziko-matematicheskikh, estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Armenian S. S. R. Bulletin. Series in Physical and Mathematical Sciences, Natural History, and Technology] |
| Izv. AN Azerb. SSR (1a) | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia [Academy of Sciences of the Azerbaijan S. S. R. Bulletin] |
| Izv. AN Kazakh. SSR. Ser. osv. pust. (16a) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Serila osvoeniia pustyn' [Academy of Sciences of the Kazakh S. S. R. Bulletin. Series on the Reclamation of Deserts] |
| Izv. AN Kir. SSR (1a) | Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia [Academy of Sciences of the Kirghiz S. S. R. Bulletin] |
| Izv. AN SSSR. Otd. khim. nauk (13d) | Akademiia nauk SSSR, Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U. S. S. R. Bulletin. Department of Chemical Sciences] |
| Izv. AN SSSR. Otd. lit. i iaz. (11b) | Akademiia nauk SSSR, Izvestiia. Otdelenie literatury i iazyka [Academy of Sciences of the U. S. S. R. Bulletin. Department of Literature and Language] |
| Izv. AN SSSR. Otd. tekh. nauk (16a) | Akademiia nauk SSSR, Izvestiia. Otdelenie tekhnicheskikh nauk [Academy of Sciences of the U. S. S. R. Bulletin. Department of Technological Sciences] |
| Izv. AN SSSR. Ser. fiz. (13f) | Akademiia nauk SSSR. Izvestiia. Serila fizicheskaia [Academy of Sciences of the U. S. S. R. Bulletin. Physical Series] |
| Izv. AN SSSR. Ser. geofiz. (13f) | Akademiia nauk SSSR. Izvestiia. Serila geofizicheskaia [Academy of Sciences of the U. S. S. R. Bulletin. Geophysical Series] |
| Izv. AN SSSR. Ser. mat. (13e) | Akademiia nauk SSSR. Izvestiia. Serila matematicheskaia [Academy of Sciences of the U. S. S. R. Bulletin. Mathematical Series] |
| Izv. Otd. est. nauk AN Tadzh. SSR (13c) | Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie estestvennykh nauk. Izvestiia [Academy of Sciences of the Tajik S. S. R. Department of Natural Science. Bulletin] |
| Izv. Otd. obshchestv. nauk AN Tadzh. SSR (1a) | Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie obshchestvennykh nauk. Izvestiia [Academy of Sciences of the Tajik S. S. R. Department of Social Sciences. Bulletin] |
| Izv. Sekt. fiz. -khim. anal. (13d) | Akademiia nauk SSSR. Institut obshchei i neorganicheskoi khimii, Sektor fiziko-khimicheskogo analiza. Izvestiia [Academy of Sciences of the U. S. S. R. Institute of General and Inorganic Chemistry, Sector of Physicochemical Analysis. Bulletin] |
| Izv. Vses. geog. ob-va (12b) | Geograficheskoe obshchestvo SSSR. Izvestiia [Geographic Society of the U. S. S. R. Bulletin] |
| Kar. i zver. (15b) | Karakulevodstvo i zverovodstvo [Karakul Breeding and Fur Farming] |
| Kartofel' (15d) | Kartofel' [Potatoes] |
| Kartofel' i ovoshchi (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Serila Kartofel' i ovoshchi [Sel'so; Exchange of Experience in Agriculture. Series on the Potato and Vegetables] |
| Kaz. zhizn' (5e) | Kazach'ia zhizn' [Cossack Life] |
| Kazakstan kommunisi (6) | Kazakstan kommunisi [Communist of Kazakhstan]. In Kazakh. |
| Kazakstannyn aŭyl sharŭashylygy (15a) | Kazakstannyn aŭyl sharŭashylygy [Kazakhstan Agriculture]. In Kazakh. |
| Khim. i tekh. topl. (16c) | Khimiia i tekhnologiia topliva [Chemistry and the Technology of Fuel] |
| Khim. nauka i prom. (13d) | Khimicheskaia nauka i promyshlennost' [Chemical Science and Industry] |
| Khim. v shkole (13d) | Khimiia v shkole [Chemistry in Schools] |
| Khimiia i khimicheskaia tekhnologiia (16c) | Khimiia i khimicheskaia tekhnologiia; perevody iz inostrannoi periodicheskoi literatury [Chemistry and Chemical Technology; Translations from Foreign Periodical Literature] |
| Khirurgiia (14h) | Khirurgiia [Surgery] |
| Khlopkovodstvo (15d) | Khlopkovodstvo [Cotton Growing] |
| Khol. tekh. (16c) | Kholodil'naia tekhnika [Refrigeration Engineering] |
| Kinomekhanik (9a) | Kinomekhanik [Motion-Picture Operator] |
| Kirgizstan (11b) | Kirgizstan [Kirghizistan] |
| Kitai (1b) | Kitai [China] |
| Klub (5e) | Klub [The Club] |
| Knigi 19- goda dlia detskikh i shkol'nykh bibliotek (2a) | Knigi dlia detskikh i shkol'nykh bibliotek; rekomendatel'nyi ukazatel' literatury. 19- [Books for Children's and School Libraries; a Guide to Recommended Literature. 19- ] |
| Knizhnaia letopis' (2a) | Knizhnaia letopis' [Book Chronicle] |
| Koks i khim. (16c) | Koks i khimiia [Coke and Chemistry] |
| Kolkh. proizv. (15a) | Kolkhoznoe proizvodstvo [Collective Farm Production] |
| Koll. zhur. (13d) | Kolloidnyi zhurnal [Colloid Journal] |
| Kom. Bel. (6) | Komunist Belarusi [Communist of White Russia]. In White Russian. |
| Kom. Ukr. (6) | Komunist Ukrainy [Communist of the Ukraine]. In Ukrainian. |
| Komm. Bel. (6) | Kommunist Belorussii [Communist of White Russia] |
| Komm. Kazakh. (6) | Kommunist Kazakhstana [Communist of Kazakhstan] |
| Komm. Ukr. (6) | Kommunist Ukrainy [Communist of the Ukraine] |
| Kommunist (6) | Kommunist [Communist] |
| Konevodstvo (15b) | Konevodstvo [Horse Breeding] |
| Kovcheh (3b) | Kovcheh [The Ark]. In Ukrainian. |
| Krat. soob. IIMK (4b) | Akademiia nauk SSSR. Institut istorii material'noi kul'tury. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U. S. S. R. Institute of History of Material Culture. Brief Summaries of Reports and Field Explorations] |
| Krest'ianka (15a) | Krest'ianka [The Peasant Woman] |
| Krokodil (1b) | Krokodil [Crocodile] |
| Kryl. rod. (16b) | Kryl'ia rodiny [Wings of the Motherland] |
| Kul't.-pros. rab. (8a) | Kul'turno-prosvetitel'naia rabota [Cultural and Educational Work] |
| Kyiv (1b) | Kyiv [Kiev] |
| Log. atl. (8b) | Legkaia atletika [Track and Field Athletics] |
| Len i konop. (15d) | Len i konoplia [Flax and Hemp] |
| Les. khoz. (15c) | Lesnoe khoziaistvo [Forestry] |
| Les. prom. (15c) | Lesnaia promyshlennost' [Forest Industries] |
| Letopis' gazetnykh statei (2a) | Letopis' gazetnykh statei [Chronicle of Newspaper Articles] |
| Letopis' muzykal'noi literatury (9b) | Letopis' muzykal'noi literatury [Chronicle of Musical Literature] |
| Letopis' retsenzii (2a) | Letopis' retsenzii [Chronicle of Reviews] |
| Letopis' zhurnal'nykh statei (2a) | Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles] |
| Lit. Azerb. (11b) | Literaturnyi Azerbaidzhan [Literary Azerbaijan] |
| Lit. proizv. (16h) | Liteinoe proizvodstvo [Foundry Practice] |
| Lit. slav. nar. (11b) | Literatura slavianskikh narodov [Literature of Slavic Peoples] |
| Lit. v shkole (11b) | Literatura v shkole [Literature in Schools] |
| Literaturnyi sovremennik (11b) | Literaturnyi sovremennik [The Literary Contemporary] |
| MTS (15a) | Mashinno-traktornaia stantsiia [Machine-Tractor Station] |
| Mashinostroenie (16g) | Mashinostroenie; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Machine Building; Translations and Surveys of Foreign Periodical Literature] |
| Masl.-zhir. prom. (16c) | Maslobono-zhirovaia promyshlennost' [Oils and Fats Industry] |
| Mast. ugl. (16h) | Master uglia [Master of Coal] |
| Mat. k pozn. fauny i flory SSSR. Otd. zool. (13c) | Materialy k poznaniiu fauny i flory SSSR. Otdel zoologicheskii [Contributions to the Knowledge of the Fauna and Flora of the U. S. S. R. Zoological Section] |
| Mat. po etn. Gruz. (12a) | Akademiia nauk Gruzinskoi SSR, Tiflis. Institut istorii. Materialy po etnografii Gruzii [Academy of Sciences of the Georgian S. S. R. Institute of History. Materials on the Ethnography of Georgia] |
| Mat. VSEGEI (12c) | Leningrad. Vsesoiuznyi geologicheskii institut. Materialy [All-Union Geological Institute. Materials] |
| Mat. v shkole (13e) | Matematika v shkole [Mathematics in Schools] |
| Med. rad. (14a) | Meditsinskaia radiologiia [Medical Radiology] |
| Med. sestra (14g) | Meditsinskaia sestra [Medical Nurse] |

| | |
|---|---|
| Mekh. sil'. hosp. (15a) | Mekhanizatsiia sil's'koho hospodarstva [Mechanization of Agriculture]. In Ukrainian. |
| Mekh. strol. (16d) | Mekhanizatsiia stroitel'stva [Mechanization of Construction] |
| Mekh. trud. rab. (16g) | Mekhanizatsiia trudoemkikh i tiazhelykh rabot [Mechanization of Time-Consuming and Heavy Work] |
| Metalloved. i obr. met. (16h) | Metallovedenie i obrabotka metallov [Metals and Treatment of Metals] |
| Metallurg (16h) | Metallurg [Metallurgist] |
| Meteor. i gidrol. (13f) | Meteorologiia i gidrologiia [Meteorology and Hydrology] |
| Mezhdunar. zhizn' (6) | Mezhdunarodnaia zhizn' [International Life] |
| Mias. ind. SSSR (16f) | Miasnaia industriia SSSR [Meat Industry of the U.S.S.R.] |
| Mikrobiol. zhur. (13c) | Mikrobiologichnyi zhurnal [Journal of Microbiology]. In Ukrainian. |
| Min. sbor. (12c) | L'vovskoe geologicheskoe obshchestvo. Mineralogicheskii sbornik [Lvov Geological Society. Mineralogical Review] |
| Mol. estr. (9c) | Molodezhnaia estrada [Young People's Stage] |
| Mol. kolkh. (15a) | Molodoi kolkhoznik [The Young Collective Farmer] |
| Mol. komm. (6) | Molodoi kommunist [The Young Communist] |
| Mol. mira (6) | Molodezh' mira [World Youth] |
| Moloch. prom. (15b) | Molochnaia promyshlennost' [Dairy Industry] |
| Molochnaia ferma (15b) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Molochnaia ferma [Sel'so; Exchange of Experience in Agriculture. Series on the Dairy Farm] |
| Monografii Instituta geologii i mineralogii Akademii nauk Gruzinskoi SSR (12c) | Akademiia nauk Gruzinskoi SSR, Tiflis. Institut geologii i mineralogii. Monografii [Academy of Sciences of the Georgian S.S.R. Institute of Geology and Mineralogy. Monographs] |
| Mor. flot (17b) | Morskoi flot [The Merchant Marine] |
| Mosk. kolkh. (15a) | Moskovskii kolkhoznik [Moscow Collective Farmer] |
| Mosk. prop. (6) | Moskovskii propagandist [Moscow Propagandist] |
| Muk.-elev. prom. (16f) | Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage] |
| My i svit (1b) | My i svit [We and the World]. In Ukrainian. |
| Nach. shkola (8a) | Nachal'naia shkola [Primary School] |
| Nar. Kit. (6) | Narodnyi Kitai [People's China] |
| Nar. obr. (8a) | Narodnoe obrazovanie [Public Education] |
| Nash sovr. (11b) | Nash sovremennik [Our Contemporary] |
| Nashi vesti (17a) | Nashi vesti [Our News] |
| Nauch. trudy. Erev. un. (1a) | Erivan. Universitet. Nauchnye trudy [University. Scientific Works] |
| Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR (16g) | Akademiia nauk URSR, Kiev. Instytut mashynoznavstva i sil'skokhospodars'koi mekhaniki. Nauchnye trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Machinery and Agricultural Mechanics. Scientific Works] |
| Nauk. zap. Inst. susp. nauk AN URSR (1a) | Akademiia nauk URSR, Kiev. L'vivs'kyi filial. Instytut suspil'nykh nauk. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Lvov Branch. Institute of Social Sciences]. In Ukrainian. |
| Nauk. zap. L'viv. nauk. pryrod. muz. AN URSR (13c) | Akademiia nauk URSR. L'vivs'kyi naukovyi pryrodoznavchyi muzei. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Lvov Scientific Museum of Natural History. Scientific Records] |
| Nauka i pered. op. v sel'khoz. (15a) | Nauka i peredovoi opyt v sel'skom khoziaistve [Science and Progressive Experience in Agriculture] |
| Nauka i zhizn' (13a) | Nauka i zhizn' [Science and Life] |
| Neft. khoz. (16h) | Neftianoe khoziaistvo [The Petroleum Industry] |
| Neva (11b) | Neva |
| Nov. knigi za rub. (2a) | Novye knigi za rubezhom [New Books Abroad] |
| Nov. Kor. (1b) | Novaia Koreia [New Korea] |
| Nov. tekh. i pered. op. v stroi. (16d) | Novaia tekhnika i peredovoi opyt v stroitel'stve [New Technology and Experience in Construction] |
| Nov. vrem. (6) | Novoe vremia [New Times] |
| Nov. zhur. (11b) | Novyi zhurnal [The New Review] |
| Novye knigi (2a) | Novye knigi [New Books] |
| Novyi mir (11b) | Novyi mir [The New World] |
| Obz. vazhn. sob. SSSR (4a) | Obzor vazhneishikh sobytii v SSSR [Review of the Principal Events in the U.S.S.R.] |
| Oft. zhur. (14d) | Oftalmologicheskii zhurnal [Ophthalmological Journal] |
| Ogni storozhevye (1b) | Ogni storozhevye. [The Guardian Lights] |
| Ogonek (1b) | Ogonek [The Little Light] |
| Okh. i okh. khoz. (15b) | Okhota i okhotnich'e khoziaistvo [Hunting and Game Management] |
| Oktiabr' (11b) | Oktiabr' [October] |
| Oktombrie (11b) | Oktombrie [October]. In Moldavian. |
| Otv. na vop. trud. (1b) | Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions] |
| Ovtsevodstvo (15b) | Ovtsevodstvo [Sheep Breeding] |
| Part. zhizn' (6) | Partiinaia zhizn' [Party Life] |
| Pchelovodstvo (15b) | Pchelovodstvo [Apiculture] |
| Pediatriia (14b) | Pediatriia [Pediatrics] |
| Per. zvezdy (13b) | Peremennye zvezdy [Variable Stars] |
| Pereklichka (17a) | Pereklichka [Roll Call] |
| Perets' (1b) | Perets' [Pepper]. In Ukrainian. |
| Pioner (1b) | Pioner [Pioneer] |
| Pionerila (1b) | Pionerila [Pioneers]. In Ukrainian. |
| Plan. khoz. (5b) | Planovoe khoziaistvo [Planned Economy] |
| Pochvovedenie (15a) | Pochvovedenie [Soil Science] |
| Pratsy Inst. mov. AN BSSR (11a) | Akademiia navuk BSSR, Minsk. Instytut movaznaustva. Pratsy [Academy of Sciences of the White Russian S.S.R. Institute of Linguistics. Transactions]. In White Russian. |
| Prav. Rus' (3b) | Pravoslavnaia Rus' [Orthodox Russia] |
| Prav. ukr. (3b) | Pravoslavnyi ukrainets' [The Orthodox Ukrainian]. In Ukrainian. |
| Prav. zhizn' (3b) | Pravoslavnaia zhizn' [Orthodox Life] |
| Prep. ist. v shkole (4a) | Prepodavanie istorii v shkole [Teaching History in Schools] |
| Prikl. geofiz. (16h) | Prikladnaia geofizika [Applied Geophysics] |
| Priroda (13a) | Priroda [Nature] |
| Prizyv (11b) | Prizyv [The Appeal] |
| Probl. kin. i kat. (13d) | Problemy kinetiki i kataliza [Problems of Kinetics and Catalysis] |
| Prof.-tekh. obr. (16a) | Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education] |
| Prom. energ. (16c) | Promyshlennaia energetika [Industrial Power] |
| Prom. koop. (16f) | Promyslovaia kooperatsiia [Producers' Cooperation] |
| Ptitsevodstvo (15b) | Ptitsevodstvo [Poultry Raising] |
| Rab. i sial. (5d) | Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]. In White Russian. |
| Rabotnitsa (5d) | Rabotnitsa [The Woman Worker] |
| Rad. shk. (8a) | Radians'ka shkola [Soviet School]. In Ukrainian. |
| Rad. zhin. (5c) | Radians'ka zhinka [Soviet Woman]. In Ukrainian. |
| Radio (16e) | Radio [Radio] |
| Radiotekhnika (16e) | Radiotekhnika [Radio Engineering] |
| Raspr. pech. (2c) | Rasprostranenie pechati [Distribution of Publications] |
| Rats. i izobr. predl. v strol. (16d) | Ratsionalizatorskie i izobretatel'skie predlozhenila v stroitel'stve [Proposed Efficiency Measures and Inventions in Construction Works] |
| Razved. i okh. nedr (16h) | Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources] |
| Rech. transp. (17b) | Rechnoi transport [Inland Water Transportation] |
| Referativnyi zhurnal: Astronomiia i geodeziia (13b) | Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodezy] |
| Referativnyi zhurnal: Biologiia (13c) | Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology] |
| Referativnyi zhurnal: Elektrotekhnika (16e) | Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts: Electrical Engineering] |
| Referativnyi zhurnal: Fizika (13f) | Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics] |
| Referativnyi zhurnal: Geografiia (12b) | Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography] |
| Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia (13c) | Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry] |
| Referativnyi zhurnal: Mashinostroenie (16g) | Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machine Building] |
| Referativnyi zhurnal: Matematika (13e) | Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics] |
| Referativnyi zhurnal: Metallurgiia (16h) | Referativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy] |
| Remont traktorov, sel'khozmashin i avtomobilei (15a) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Remont traktorov, sel'khozmashin i avtomobilei [Sel'so; Exchange of Experience in Agriculture. Series on Repairing Tractors, Agricultural Machinery, and Trucks] |
| Rukovodiashchie materialy po gazoplamennoi obrabotke metallov (16h) | Rukovodiashchie materialy po gazoplamennoi obrabotke metallov [Instructions on Gas Welding and Cutting of Metals] |
| Rus. iaz. v shkole (11a) | Russkii iazyk v shkole [Russian Language in Schools] |
| Rus. v Avstral. (1b) | Russkii v Avstralii [The Russian in Australia] |
| Ryb. khoz. (15b) | Rybnoe khoziaistvo [Fisheries] |
| Sad i og. (15d) | Sad i ogorod [Horticulture] |
| Sad. vin. Mold. (15d) | Sadovodstvo, vinogradarstvo i vinodelie Moldavii [Fruit Culture, Viticulture, and Wine-Making in Moldavia] |
| Sakh. prom. (16c) | Sakharnaia promyshlennost' [Sugar Industry] |
| Sakh. svekl. (15d) | Sakharnaia svekla [Sugar Beets] |
| Sbor. Inst. stali (16h) | Moscow. Institut stali. Sbornik [Steel Institute. Collected Papers] |

| | |
|---|---|
| Sbor. nauch. rab. Inst. lesa AN BSSR (15c) | Akademiia navuk BSSR, Minsk. Instytut lesa. Sbornik nauchnykh rabot po lesnomu khoziaistvu [Academy of Sciences of the White Russian S.S.R. Forestry Institute. Collected Works on Forestry] |
| Sbor. nauch. rab. LIMSKH (15a) | Leningrad. Institut mekhanizatsii sel'skogo khoziaistva. Sbornik nauchnykh rabot [Institute of Mechanization of Agriculture. Collected Scientific Works] |
| Sbor. nauch. rab. po prov. sviazi (16e) | Akademiia nauk SSSR. Laboratoriia po razrabotke nauchnykh problem provodnoi sviazi. Sbornik nauchnykh rabot po provodnoi sviazi [Academy of Sciences of the U.S.S.R. Research and Development Laboratory of Wire Communication. Collection of Scientific Works in Wire Communication] |
| Sbor. trud. Lab. probl. bystr. mash. (16g) | Akademiia nauk URSR, Kiev. Laboratoriia problem shvydkisnykh mashyn i mekhanizmiv. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Laboratory of High-Speed Machinery and Mechanisms. Collected Works] |
| Sbor. trud. NII osn. i fund. | see Trudy NII osn. i fund. |
| Sbor. VNITOLES. Ukr. resp. otd. (15c) | Vsesoiuznoe nauchnoe inzhenerno-tekhnicheskoe obshchestvo lesnoi promyshlennosti i lesnogo khoziaistva. Ukrainskoe respublikanskoe otdelenie. Sbornik [All-Union Scientific Engineering-Technological Society of Forest Industries and Forestry. Ukrainian Republic Branch. Collected Papers] |
| Sbornik instruktivnykh ukazanii Gosudarstvennogo arbitrazha (7) | Russia (1923- U.S.S.R.) Gosudarstvennyi arbitrazh. Sbornik instruktivnykh ukazanii [State Arbitration Commission. Collection of Rules] |
| Sel. i sem. (15d) | Selektsiia i semenovodstvo [Plant Breeding and Seed Production] |
| Sel'. strol. (16d) | Sel'skii stroitel' [Rural Builder] |
| Sel'khoz. Kirg. (15a) | Sel'skoe khoziaistvo Kirgizii [Agriculture of Kirghizia] |
| Sel'khoz. Povol. (15a) | Sel'skoe khoziaistvo Povolzh'ia [Agriculture of the Volga Valley] |
| Sem'ia i shkola (8a) | Sem'ia i shkola [Family and School] |
| Shakh. v SSSR (9b) | Shakhmaty v SSSR [Chess in the U.S.S.R.] |
| Sharki Surkh (11b) | Sharki Surkh [The Red East]. In Tajik. |
| Sib. ogni (11b) | Sibirskie ogni [Siberian Lights] |
| Slaviane (6) | Slaviane [The Slavs] |
| Smena (5e) | Smena [The Younger Generation] |
| Soglasie (1b) | Soglasie [Concord] |
| Soob. AN Gruz. SSR (1a) | Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition] |
| Soobshcheniia Akademii nauk Gruzinskoi SSR (1a) | Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Georgian language edition] |
| Sots. kul't. (1b) | Sotsialistychna kul'tura [Socialist Culture]. In Ukrainian. |
| Sots. obesp. (5e) | Sotsial'noe obespechenie [Social Security] |
| Sots. sel'khoz. (15a) | Sotsialisticheskoe sel'skoe khoziaistvo [Socialist Agriculture] |
| Sots. trud (5d) | Sotsialisticheskii trud [Socialist Labor] |
| Sots. tvar. (15b) | Sotsialistychne tvarynnytstvo [Socialist Animal Husbandry]. In Ukrainian. |
| Sots. Uz. (1b) | Sotsialistik Uzbekiston [Socialist Uzbekistan]. Parallel text in Uzbek and Russian. |
| Sov. gos. i pravo (7) | Sovetskoe gosudarstvo i pravo [The Soviet State and Law] |
| Sov. Kazakh. (11b) | Sovetskii Kazakhstan [Soviet Kazakhstan] |
| Sov. knizh. torg. (2c) | Sovetskaia knizhnaia torgovlia [Soviet Book Trade] |
| Sov. kras. krest (5e) | Sovetskii krasnyi krest [Soviet Red Cross] |
| Sov. med. (14a) | Sovetskaia meditsina [Soviet Medicine] |
| Sov. mor. (17b) | Sovetskii moriak [Soviet Sailor] |
| Sov. muz. (9b) | Sovetskaia muzyka [Soviet Music] |
| Sov. otch. (11b) | Sovetskaia otchizna [Soviet Fatherland] |
| Sov. pech. (11b) | Sovetskaia pechat' [Soviet Press] |
| Sov. pedag. (8a) | Sovetskaia pedagogika [Soviet Pedagogy] |
| Sov. Soiuz (1b) | Sovetskii Soiuz [Soviet Union] |
| Sov. Ukr. (11b) | Sovetskaia Ukraina [Soviet Ukraine] |
| Sov. vostokoved. (4a) | Sovetskoe vostokovedenie [Soviet Oriental Studies] |
| Sov. zdrav. (14a) | Sovetskoe zdravookhranenie [Soviet Health Service] |
| Sov. zhen. (5e) | Sovetskaia zhenshchina [Soviet Woman] |
| Sovet ädäbiiaty (11b) | Sovet ädäbiiaty [Soviet Literature]. In Tatar. |
| Sovetakan grakanutiun (11b) | Sovetakan grakanutiun [Soviet Literature]. In Armenian. |
| Sovetskie novye knigi (2a) | Sovetskie novye knigi [New Soviet Books] |
| Sovetskii shkol'nik (8a) | Sovetskii shkol'nik [The Soviet Schoolboy] |
| Sovkhoz. proizv. (15a) | Sovkhoznoe proizvodstvo [State Farm Production] |
| Sovr. probl. onk. (14a) | Sovremennye problemy onkologii; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Contemporary Problems of Oncology; Translations, Surveys and Abstracts of Foreign Periodical Literature] |
| Sovr. probl. tub. (14a) | Sovremennye problemy tuberkuleza; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Contemporary Problems of Tuberculosis; Translations, Surveys and Abstracts of Foreign Periodical Literature] |
| Spiski novykh postuplenii Biblioteki Instituta (2a) | Institut zur Erforschung der UdSSR - Institut po izucheniiu SSSR. Bibliothek - Biblioteka. Spiski novykh postuplenii [Institute for the Study of the U.S.S.R. Library. Accession Lists] |
| Spravochnik adresov po obmenu zhilploshchadi (5b) | Spravochnik adresov po obmenu zhilploshchadi [List of Addresses of Living Quarters for Exchange] |
| Sred. spets. obr. (8a) | Srednee spetsial'noe obrazovanie [Secondary Specialized Education] |
| Stal' (16h) | Stal' [Steel] |
| Stal. proizv. (16h) | Staleplavil'noe proizvodstvo [Steel Smelting] |
| Stan. i instr. (16g) | Stanki i instrumenty [Machine Tools and Instruments] |
| Standartizatsiia (16a) | Standartizatsiia [Standardization] |
| Stek. i ker. (16c) | Steklo i keramika [Glass and Ceramics] |
| Stomatologiia (14h) | Stomatologiia [Stomatology] |
| Strol. pred. neft. prom. (16h) | Stroitel'stvo predpriiatii neftianoi promyshlennosti [Construction of Petroleum Industry Enterprises] |
| Strol. prom. (16d) | Stroitel'naia promyshlennost' [Building Industry] |
| Sudostroenie (17b) | Sudostroenie [Shipbuilding] |
| Svar. proizv. (16f) | Svarochnoe proizvodstvo [Welding Practice] |
| Svet nad Baik. (11b) | Svet nad Baikalom [Light Over the Baikal] |
| Svinovodcheskaia ferma (15b) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Svinovodcheskaia ferma [Sel'so; Exchange of Experience in Agriculture. Series on the Swine Breeding Farm] |
| Svinovodstvo (15b) | Svinovodstvo [Swine Breeding] |
| Svoboda (6) | Svoboda [Freedom] |
| Svodnyi biulleten' novykh inostrannykh knig. Ser. B (2a) | Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v krupneishie biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Largest Libraries of the U.S.S.R. Series B: Social Sciences] |
| Teatr (9c) | Teatr [The Theater] |
| Tekh. mol. (16a) | Tekhnika - molodezhi [Technology for Youth] |
| Tekh. zhel. dor. (16g) | Tekhnika zheleznykh dorog [The Technology of Railroads] |
| Tekhnicheskie i maslichnye kul'tury (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Tekhnicheskie i maslichnye kul'tury [Sel'so; Exchange of Experience in Agriculture. Series on Technical and Oilseed Crops] |
| Tekhsov. MTS (15a) | Tekhsovety MTS [Technical Advice to Machine-Tractor Stations] |
| Teor. i prak. fiz-kul'. (8b) | Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education] |
| Teploenergetika (16g) | Teploenergetika [Heat Engineering] |
| Terap. arkh. (14e) | Terapevticheskii arkhiv [Therapeutic Archives] |
| Torf. prom. (16h) | Torfianaia promyshlennost' [Peat Industry] |
| Torgovlia za rubezhom (5a) | Torgovlia za rubezhom [Trade Abroad] |
| Traktorist, kombainer i shofer (15a) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Traktorist, kombainer i shofer [Sel'so; Exchange of Experience in Agriculture. Series for Tractor and Combine Operators and Truck Drivers] |
| Transp. strol. (16d) | Transportnoe stroitel'stvo [Construction for the Transportation] |
| Tren. i izn. mash. (16g) | Akademiia nauk SSSR. Institut mashinovedeniia. Trenie i iznos v mashinakh [Academy of Sciences of the U.S.S.R. Institute of Mechanical Engineering. Friction and Wear in Machines] |
| Trudy Abkh. inst. iaz., lit. i ist. (12a) | Akademiia nauk Gruzinskoi SSR, Tiflis. Abkhazskii institut iazyka, literatury i istorii, Sukhumi. Trudy [Academy of Sciences of the Georgian S.S.R. Abkhasian Institute of Language, Literature, and History. Transactions] |
| Trudy Azerb. ind. inst. (16a) | Baku. Azerbaidzhanskii industrial'nyi institut. Trudy [Azerbaijan Industrial Institute. Transactions] |
| Trudy Bot. inst. Ser. 4 (13c) | Akademiia nauk SSSR. Botanicheskii institut. Trudy, Seriia 4. Eksperimental'naia botanika [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 4. Experimental Biology] |
| Trudy GIM (4a) | Moscow. Gosudarstvennyi istoricheskii muzei. Trudy [State Historical Museum. Transactions] |
| Trudy Gor.-geol. inst. (12c) | Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gornogeologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions] |
| Trudy Inst. biol. fiz. (13c) | Akademiia nauk SSSR. Institut biologicheskoi fiziki. Trudy [Academy of Sciences of the U.S.S.R. Institute of Biological Physics. Transactions] |
| Trudy Inst. fiziol. AN Kazakh. SSR (13c) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut fiziologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Physiology. Transactions] |

| | |
|---|---|
| Trudy Inst. fiziol. rast. (13c) | Akademiia nauk SSSR. Institut fiziologii rastenii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Plant Physiology. Transactions] |
| Trudy Inst. geofiz. AN Gruz. SSR (13f) | Akademiia nauk Gruzinskoi SSR, Tiflis. Institut geofiziki. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Geophysics. Transactions] |
| Trudy Inst. geog. (12b) | Akademiia nauk SSSR. Institut geografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Geography. Transactions] |
| Trudy Inst. geog. AN Gruz. SSR (12b) | Akademiia nauk Gruzinskoi SSR, Tiflis. Institut geografii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Geography. Transactions] |
| Trudy Inst. gidrobiol. AN URSR (13c) | Akademiia nauk URSR, Kiev. Instytut hidrobiologii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Hydrobiology. Transactions] |
| Trudy Inst. isp. gaza AN URSR (16c) | Akademiia nauk URSR, Kiev. Instytut vykorystannia gazu. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Gas Utilization. Transactions] |
| Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR (4a) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions] |
| Trudy Inst. ist. est. i tekh. (13a) | Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions] |
| Trudy Inst. ist. i arkheol. AN Uz. SSR (4b) | Akademiia nauk Uzbekskoi SSR, Tashkent. Institut istorii i arkheologii. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of History and Archaeology. Transactions] |
| Trudy Inst. ist. i filos. AN Azerb. SSR (4a) | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut istorii i filosofii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of History and Philosophy. Transactions] |
| Trudy Inst. teor. geofiz. (12c) | Akademiia nauk SSSR. Institut teoreticheskoi geofiziki. Trudy [Academy of Sciences of the U.S.S.R. Institute of Theoretical Geophysics. Transactions] |
| Trudy Inst. zeml. AN Azerb. SSR (15d) | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut zemledeliia. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Agriculture. Transactions] |
| Trudy Inst. zool. AN URSR (13c) | Akademiia nauk URSR, Kiev. Instytut zoologii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Zoological Institute. Transactions] |
| Trudy Karad. biol. sta. (13c) | Karadags'ka biologichna stantsiia. Trudy [Karadag Biological Station. Transactions] |
| Trudy Kom. anal. khim. (13d) | Akademiia nauk SSSR. Komissiia po analiticheskoi khimii. Trudy [Academy of Sciences of the U.S.S.R. Commission on Analytical Chemistry. Transactions] |
| Trudy LIEI (16a) | Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions] |
| Trudy Lab. dvig. (16g) | Akademiia nauk SSSR. Laboratoriia dvigatelei. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Engines. Transactions] |
| Trudy Lab. gidrogeol. probl. (12c) | Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions] |
| Trudy MAI (16b) | Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions] |
| Trudy MATI (16b) | Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions] |
| Trudy MGI (12b) | Akademiia nauk SSSR. Morskoi gidrofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Marine Hydrophysical Institute. Transactions] |
| Trudy MKHTI (16c) | Moscow. Khimiko-tekhnologicheskii institut. Trudy [Institute of Chemical Technology. Transactions] |
| [Trudy] MVTU (16a) | Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. (Trudy) [Moscow Technical College. (Transactions)] |
| | cheskoe obshchestvo. Trudy [Mos- ociety. Transactions] |
| | aidzhana. Trudy [Museum of n. Transactions]. In Russian |
| | soiuznyi nauchno-issledo- titut. (Trudy) [State All-Union ctor Institute. (Transactions)] |
| | vatel'skii institut osnovanii i r Sbornik trudov) [Scientific dding and Foundations. Trans- |
| | bservatoriia. Trudy [Observ- rement. Transactions] |
| | SSR, Alma-Ata. Sektor filo- icademy of Sciences of the of Philosophy and Law. Trans- |
| | hno-issledovatel'skii institut sporta. Trudy [All-Union tute of Railroad Transporta- |
| | aia nauchno-issledovatel'skaia l-Union Office for Procure- Livestock Products, Central ratory. Transactions] |
| Trudy VNIIP (15b) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ptitsepromyshlennosti. Trudy [All-Union Scientific Research Institute of the Poultry Industry. Transactions] |
| TSement (16d) | TSement [Cement] |
| TSvet. met. (16h) | TSvetnye metally [Nonferrous Metals] |
| Türkmenistan kommunisti (6) | Türkmenistan kommunisti [Communist of Turkmenistan]. In Turkmen. |
| Uch. zap. Bash. gos. ped. inst. (1a) | Ufa. Bashkirskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Bashkir State Pedagogical Institute. Scientific Records] |
| Uch. zap. Inst. slav. (4a) | Akademiia nauk SSSR. Institut slavianovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Studies] |
| Uch. zap. Len. un. (1a) | Leningrad. Universitet. Uchenye zapiski [University. Scientific Records] |
| Uch. zap. Ped. inst. Gerts. (8a) | Leningrad. Gosudarstvennyi pedagogicheskii institut im. A.I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Scientific Records] |
| Uch. zap. 1 LGPIIIA (11a) | Leningrad. Pervyi Leningradskii gosudarstvennyi pedagogicheskii institut inostrannykh iazykov. Uchenye zapiski [First Leningrad State Pedagogical Institute of Foreign Languages. Studies] |
| Uch. zap. Tadzh. un. (1a) | Stalinabad. Universitet. Uchenye zapiski [University. Scientific Records] |
| Uch. zap. VIIUN (7) | Moscow. Vsesoiuznyi institut iuridicheskikh nauk. Uchenye zapiski [All-Union Institute of Juridical Sciences. Studies] |
| Ucheb.-vosp. rab. v dets. dom. (8a) | Uchebno-vospitatel'naia rabota v detskikh domakh [Training and Educational Work in Children's Homes] |
| Ud. i ur. (15d) | Udobrenie i urozhai [Fertilizers and Crops] |
| Ugol' (16h) | Ugol' [Coal] |
| Ukr. biokhim. zhur. (13c) | Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal]. In Ukrainian and Russian. |
| Ukr. bot. zhur. (13c) | Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian. |
| Ukr. khim. zhur. (13d) | Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal] |
| Ukr. prav. slovo (3b) | Ukrains'ke pravoslavne slovo [Ukrainian Orthodox Word]. In Ukrainian. |
| Ukraina (1b) | Ukraina [The Ukraine]. In Ukrainian. |
| Ukrains'ke hromads'ke slovo (1b) | Ukrains'ke hromads'ke slovo [Ukrainian Community Word]. In Ukrainian. |
| Usp. fiz. nauk (13f) | Uspekhi fizicheskikh nauk [Progress in the Physical Sciences] |
| Usp. khim. (13d) | Uspekhi khimii [Progress in Chemistry] |
| Usp. mat. nauk (13e) | Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences] |
| Usp. sovr. biol. (13c) | Uspekhi sovremennoi biologii [Progress in Contemporary Biology] |
| V zashch. mira (6) | V zashchitu mira [In Defense of Peace] |
| Vechnoe (3b) | Vechnoe [The Eternal] |
| Vedomosti Verkhovnogo Soveta SSSR (6) | Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Issued in the languages of all Union republics. |
| Vest. AMN SSSR (14a) | Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal] |
| Vest. AN Kazakh. SSR (1a) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal] |
| Vest. AN SSSR (1a) | Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal] |
| Vest. Len. un. (1a) | Leningrad. Universitet. Vestnik [University. Review] |
| Vest. mash. (16g) | Vestnik mashinostroeniia [Machine-Building Review] |
| Vest. Mosk. un. (1a) | Moscow. Universitet. Vestnik [University. Review] |
| Vest. oto-rin. (14d) | Vestnik oto-rino-laringologii [Review of Otorhinolaryngology] |
| Vest. rent. i rad. (14a) | Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology] |
| Vest. stat. (5b) | Vestnik statistiki [Statistical Review] |
| Vest. sviazi (16e) | Vestnik sviazi [Communications Review] |
| Vest. ven. i derm. (14i) | Vestnik venerologii i dermatologii [Review of Venereology and Dermatology] |
| Vest. vys. shkoly (8a) | Vestnik vysshei shkoly [Review of Schools for Higher Learning] |
| Vestsi AN BSSR. Ser. bilial. nav. (13c) | Akademiia navuk BSSR, Minsk. Vestsi. Seryia biialagichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Biological Sciences]. In White Russian. |
| Vestsi AN BSSR. Ser. hram. nav. (1a) | Akademiia navuk BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences]. In White Russian. |
| Veterinariia (15b) | Veterinariia [Veterinary Medicine] |
| Vil'na Ukraina (6) | Vil'na Ukraina [Free Ukraine]. In Ukrainian. |
| Vin. SSSR (16d) | Vinodelie i vinogradarstvo SSSR [Viticulture and Wine Making in the U.S.S.R.] |
| Vira i kul'tura (3b) | Vira i kul'tura [Faith and Culture]. In Ukrainian. |

| | |
|---|---|
| Visnyk AN URSR (1a) | Akademiia nauk URSR, Kiev. Visnyk [Academy of Sciences of the Ukrainian S.S.R. Journal]. In Ukrainian. |
| Vitchyzna (11b) | Vitchyzna [Our Country]. In Ukrainian. |
| Viz. vrem. (4a) | Vizantiiskii vremennik [Byzantine Chronicle] |
| Vnesh. torg. (5a) | Vneshniaia torgovlia [Foreign Trade] |
| Vod. i san. tekh. (16d) | Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering] |
| Voen. -med. zhur. (14a) | Voenno-meditsinskii zhurnal [Journal of Military Medicine] |
| Voen. znan. (17a) | Voennye znaniia [Military Knowledge] |
| Vokrug sveta (12b) | Vokrug sveta [Around the World] |
| Vop. ekon. (5b) | Voprosy ekonomiki [Problems of the Economy] |
| Vop. geog. (12b) | Voprosy geografii [Problems of Geography] |
| Vop. iaz. [Lvov] (11a) | Voprosy iazykoznaniia [Problems of Linguistics] |
| Vop. ist. (4a) | Voprosy istorii [Problems of History] |
| Vop. kur., fizioter. i lech. fiz. kul't. (14e) | Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Resort Therapy, Physical Therapy, and Therapeutic Physical Culture] |
| Vop. med. khim. (14f) | Voprosy meditsinskoi khimii [Problems of Medical Chemistry] |
| Vop. okh. mat. i det. (14b) | Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care] |
| Vop. pat. serd. -sos. sist. (14c) | Voprosy patologii serdechno-sosudistoi sistemy; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Problems of Pathology of the Cardiovascular System; Translations, Surveys and Abstracts of Foreign Periodical Literature] |
| Vop. pit. (13c) | Voprosy pitaniia [Problems of Nutrition] |
| Vop. psikhol. (3a) | Voprosy psikhologii [Problems of Psychology] |
| Vop. teor. arkhit. komp. (10b) | Voprosy teorii arkhitekturnoi kompozitsii [Problems of the Theory of Architectural Composition] |
| Vozhatyi (8a) | Vozhatyi [Pioneer Guide] |
| Vsem. prof. dvizh. (5d) | Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement] |
| Vsem. stud. nov. (8a) | Vsemirnye studencheskie novosti [World Student News] |
| Vsesvit (1b) | Vsesvit [The Universe]. In Ukrainian. |
| Vyzvol'nyi shliakh (1b) | Vyzvol'nyi shliakh [Liberation Path]. In Ukrainian. |
| Zap. Uz. otd. Vses. min. ob-va (12c) | Vsesoiuznoe mineralogicheskoe obshchestvo. Uzbekistanskoe otdelenie. Zapiski [All-Union Mineralogical Society. Uzbekistan Branch. Records] |
| Zap. Vses. min. ob-va (12c) | Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Records] |
| Zbir. prats' Inst. mat. AN URSR (13e) | Akademiia nauk URSR, Kiev. Instytut matematyky. Zbirnyk prats' [Academy of Sciences of the Ukrainian S.S.R. Institute of Mathematics. Collected Works]. In Russian or Ukrainian. |
| Zdorov'e (14a) | Zdorov'e [Health] |
| Zemledelie (15d) | Zemledelie [Agriculture] |
| Zernovye i kormovye kul'tury (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Serlia Zernovye i kormovye kul'tury [Sel'so; Exchange of Experience in Agriculture. Series on Grain and Forage Crops] |
| Zhivotnovodstvo (15b) | Zhivotnovodstvo [Animal Husbandry] |
| Zhovten' (11b) | Zhovten' [October]. In Ukrainian. |
| Zhur. eksp. i teor. fiz. (13f) | Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics] |
| Zhur. fiz. khim. (13d) | Zhurnal fizicheskoi khimii [Journal of Physical Chemistry |
| Zhur. mikrobiol. epid. i immun. (14a) | Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology] |
| Zhur. Mosk. Patr. (3b) | Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate] |
| Zhur. nauch. i prikl. fot. i kin. (16c) | Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography] |
| Zhur. nevr. i psikh. (14c) | Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry] |
| Zhur. ob. khim. (13d) | Zhurnal obshchei khimii [Journal of General Chemistry] |
| Zhur. prikl. khim. (16c) | Zhurnal prikladnoi khimii [Journal of Applied Chemistry] |
| Zhur. tekh. fiz. (16a) | Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics] |
| Zmina (5c) | Zmina [The Younger Generation]. In Ukrainian. |
| Znamia (11b) | Znamia [The Banner] |
| Znamia Ros. (4) | Znamia Rossii [The Banner of Russia] |
| Znan. sila (13a) | Znanie - sila [Knowledge is Power] |
| Zool. zhur. (13c) | Zoologicheskii zhurnal [Zoological Journal] |
| Zvezda (11b) | Zvezda [The Star] |
| Zvezda Vost. (11b) | Zvezda Vostoka [Star of the East] |

ACTH

ACTH therapy in a case of severe drug hypersensitivity. A. I. Entin, IU. I. Rafes. Sov. med. 20 no. 5:84-85 My '56.

Results of treating nonspecific infectious polyarthritis associated with cystitis and conjunctivitis (Reiter's disease). V. I. Anashkina. Sov. med. 20 no. 5:73-75 My '56.

Treatment of tuberculosis with ACTH combined with antibacterial substances. N. A. Shmelev. Sov. med. 20 no. 6:36-44 Je '56.

AAR, EVALD, 1900-1939

"Vikerlased"; Estonian opera in Tartu. H. Aumere. Sov. muz. 20 no. 8:100-105 Ag '56.

ABAN DISTRICT—AGRICULTURAL EXPERIMENT STATIONS

State variety testing station. I. I. Kostin. Nauka i pered. op. v sel'khoz. no. 6:11 Je '56.

ABD AL-KADIR, called BIDIL, 1644-1721

Living sources ("Komde and Modan." Bedil'. Book review). Druzh. nar. no. 7:185-186 Jl '56.

ABDAL-NASIR, JAMAL, 1918

People and events. Nov. vrem. 14 no. 28:31-32 Jl '56.

ABDOMEN—SURGERY

Effect of repeated laparotomies on the resistance of the organism to abdominal infections. I. L. Bregadze. Khirurgiia no. 5:31-35 My '56.

Role of intratracheal narcosis in operations for treating acute diseases and injuries of the abdominal organs. V. I. Filin. Voen.-med. zhur. no. 6:29-36 Je '56.

ABENDROTH, HERMANN, 1883-1956

Hermann Abendroth. Sov. muz. 20 no. 8:154 Ag '56.

ABERRATION

Determination of the lunar aberration wave in latitude variations according to the results of observations on two zenith telescopes. A. E. Filippov. Astron. tsirk. no. 168:14-16 '56.

Some errors connected with the explanation of the aberration of stars in the theory of relativity. B. N. Gimmel'farb. Biul. VAGO no. 17:14-21 '56.

ABKHAZIA—FOSTER HOME CARE—HISTORY

Rearing children according to the "atalychestvo" (fosterage) custom among the Abkhazians. Sh. D. Inal-Ipa. Trudy Abkh. inst. iaz., lit. i ist. no. 26:155-203 '55.

ABKHAZIA—HISTORY

Problems of Abkhazian history in Academician S. N. Dzhanashia's works. Z. V. Anchabadze. Trudy Abkh. inst. iaz., lit. i ist. no. 25:347-357 '54.

ABKHAZIA—MARRIAGE CUSTOMS AND RITES

Marriage and wedding ceremonies among the Abkhazians. L. Kh. Akaba. Trudy Abkh. inst. iaz., lit. i ist. no. 26: 205-216 '55.

ABKHAZIA—MATRIARCHY

Matriarchal-tribal system in Abkhazia. Sh. D. Inal-Ipa. Trudy Abkh. inst. iaz., lit. i ist. no. 25:213-270 '54.

ABKHAZIA—PEASANT UPRISING

Antifeudal peasant revolts in prereform Abkhazia. G. A. Dzidzariia. Trudy Abkh. inst. iaz., lit. i ist. no. 26:3-21 '55.

ABKHAZIA—PEASANTRY—HISTORY

Peasant reform of 1870 in Abkhazia. A. A. Otonetskii. Trudy Abkh. inst. iaz., lit. i ist. no. 25:123-173 '54.

ABKHAZIA—REVOLUTION, 1917-1921

Nineteen hundred and seventeen in Abkhazia. G. A. Dzidzariia. Trudy Abkh. inst. iaz., lit. i ist. no. 25:84-122 '54.

ABKHAZIA—TOBACCO

Tobacco growing was the main branch of commodity agriculture in prereform Abkhazia and in the beginning of the 20th century. A. A. Otonetskii. Trudy Abkh. inst. iaz., lit. i ist. no. 26:88-131 '55.

ABKHAZIAN EPIC POETRY see Epic poetry, Abkhazian

ABKHAZIAN LANGUAGE—ADVERB

Historical unity of demonstrative pronouns and adverbs of place in the Abkhazian language (in Abkhazian with summary in Russian). K. V. Lomtatidze. Trudy Abkh. inst. iaz., lit. i ist. no. 25:3-8 '54.

ABKHAZIAN LANGUAGE—GRAMMAR, COMPARATIVE—GEORGIAN

Genesis of the third person affix in the Abkhazian and Old Georgian languages. G. V. Rogava. Trudy Abkh. inst. iaz., lit. i ist. no. 25:9-12 '54.

ABKHAZIAN LANGUAGE—PRONOUN

Historical unity of demonstrative pronouns and adverbs of place in the Abkhazian language (in Abkhazian with summary in Russian). K. V. Lomtatidze. Trudy Abkh. inst. iaz., lit. i ist. no. 25:3-8 '54.

ABKHAZIAN LANGUAGE—VERB

Nominal roots-preverbs in Abkhazian verbs. B. V. Shinkuba. Trudy Abkh. inst. iaz., lit. i ist. no. 25:295-322 '54.

ABKHAZIAN POETRY—HISTORY AND CRITICISM

Soviet Abkhazian folk poetry. D. I. Gulia. Trudy Abkh. inst. iaz., lit. i ist. no. 25:271-276 '54.

ABORTION

Brief news. L. K. Skorniakova, E. I. Stanisa. Vop. okh. mat. i det. 1 no. 1:95-96 Ja-F '56.

ABOVIAN, KHACHATUR, 1805-1848

Khachatur Abovian's association with progressive representatives of social thought of Azerbaijan in the 19th century. A. A. Seid-Zade. Izv. AN Azerb. SSR no. 3:57-71 Mr '56.

Khachatur Abovian's first appearance in the press. M. Nersisian. Izv. AN Arm. SSR. Obshchestv. nauki no. 6:107 '56.

ABRASIVES

Investigating the effect of abrasive hardness on metal wear. M. M. Khrushchov, M. A. Babichev. Tren. i izn. mash. no. 11:19-26 '56.

Investigating the wear of metals and alloys frictioned on abrasive surface. M. M. Khrushchov, M. A. Babichev. Tren. i izn. mash. no. 11:5-18 '56.

ABSCESS

Conservative therapy of antritis and mastoiditis in children with subperiosteal abscesses. N. V. Zberovskaia, I. IA. IAkovleva. Vest. oto-rin. 18 no. 4:52-55 Jl-Ag '56.

ABSORPTION OF LIGHT

The factor for converting selective to total absorption as a function of color excess. A. F. Torondzhadze. Astron. tsir. no. 167:11-12 F '56.

ABSORPTION SPECTRA

Curves of absorption spectra and other physical constants of natural micas. S. V. Grum-Grzhimailo and others. Min. sbor. no. 9:90-119 '55.

Investigation of adsorption on porous glass by infrared absorption measurements (with English summary in insert). A. N. Sidorov. Zhur. fiz. khim. 30 no. 5:995-1006 My '56.

ACACIA

Acacia (Acacia mollis), a valuable variety for introduction. K. T. Senchurov. Les. khoz. 9 no. 6:88 Je '56.

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R.

Annual report of the Academy of Sciences of the Kirghiz SSR. I. K. Akhunbaev. Izv. AN Kir. SSR no. 2:3-22 '56.

ACADEMY OF SCIENCES OF THE U. S. S. R.

Exhibition of works of the Academy of Sciences of the U. S. S. R. N. D. Minaichev. Vest. AN SSSR 26 no. 8: 45-52 Ag '56.

Measures for further improvement of leadership in scientific activity of academy branches. Vest. AN SSSR 26 no. 6:115 Je '56.

Nominations and rating of scientific workers of the Academy. Vest. AN SSSR 26 no. 8:82 Ag '56.

Nominations and transfers. Vest. AN SSSR 26 no. 8:85 Ag '56.

Results of admission and utilization of personnel in academy institutions. Vest. AN SSSR 26 no. 6:116-117 Je '56.

Results of work of the session of academic members in Novosibirsk. Vest. AN SSSR 26 no. 8:80-81 Ag '56.

Work of the construction organizations of the Academy. Vest. AN SSSR 26 no. 8:84 Ag '56.

Work results of the assembly of the scientists' organization in Leningrad. Vest. AN SSSR 26 no. 7:65 Jl '56.

ACADEMY OF SCIENCES OF THE U. S. S. R.—APPOINTMENTS, PROMOTIONS, SALARIES, ETC.

Appointments and transfers. Vest. AN SSSR 26 no. 6: 118 Je '56.

Appointments and transfers. Vest. AN SSSR 26 no. 7:70 Jl '56.

ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R.

Academic conference of graduate students of Social Science Department institutes of the Academy of Sciences of the Ukrainian S. S. R. A. Ioanidi. Visnyk AN URSR 27 no. 6:63-64 Je '56.

Annexation of the Kiev branch of the Institute of Precision Mechanics and Computational Engineering to the Academy of Sciences of the Ukrainian S. S. R. Vest. AN SSSR 26 no. 8:85 Ag '56.

The December session of the Academy of Sciences of the Ukrainian S. S. R. H. V. Karpenko. Visnyk AN URSR 21 no. 1:58-63 Ja '48.

The first phase in the reconstruction of institutions of the Department of Biology of the Academy of Sciences of the Ukrainian S. S. R. P. O. Svyrydenko. Visnyk AN URSR 21 no. 1:53-57 Ja '49.

General meeting of the Academy of Sciences of the Ukrainian S. S. R. Visnyk AN URSR 27 no. 6:52-53 Je '56.

In the Council for Studying Productive Resources of the Ukraine, of the Academy of Sciences of the Ukrainian S. S. R. Visnyk AN URSR 21 no. 1:71-73 Ja '49.

In the Council of Scientific and Technical Information. D. Bakulin. Visnyk AN URSR 24 no. 11:77-78 N '52.

In the Council of Scientific and Technical Information of the Academy of Sciences of the Ukrainian S. S. R. D. Bakulin. Visnyk AN URSR 24 no. 10:76-77 O '52.

In the Presidium of the Academy of Sciences of the Ukrainian S. S. R. H. V. Karpenko. Visnyk AN URSR 21 no. 2:75-76 F '49.

In the Presidium of the Academy of Sciences of the Ukrainian S. S. R. A. Denshchykov. Visnyk AN URSR 24 no. 10:74-76 O '52.

In the Presidium of the Academy of Sciences of the Ukrainian S. S. R. Visnyk AN URSR 27 no. 6:48-51 Je '56.

Results of reconstruction and tasks facing institutions of the Agricultural Department of the Academy of Sciences of the Ukrainian S. S. R. P. A. Vlasiuk. Visnyk AN URSR 21 no. 1:38-52 Ja '49.

ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R.

Basic results of scientific activities of the Academy of Sciences of the White Russian S. S. R. in 1955. S. P. Marhunski. Vestsi AN BSSR Ser. bilal. nav. no. 1:5-17 '56.

ACCELERATORS, ELECTRON see Particle accelerators

ACCIDENTS

Trauma in forestry. IU. M. Lubenskii. Sov. med. 20 no. 6:76-80 Je '56.

ACCIDENTS—PREVENTION

The feldsher health station in the prevention of accidents. A. P. Pegashev. Fel'd. i akush. 21 no. 6:33-34 Je '56.

ACCLIMATIZATION (PLANTS)

Adaptive variations in the gas exchange of Persian walnut plants during acclimatization. E. N. Mikhaleva, I. N. Konovalov. Trudy Bot. inst. Ser. 4 no. 11:47-61 '56.

Michurin's principles of plant acclimatization as an ecologico-physiological problem. A. A. Shakhov. Agrobiologiia no. 3:95-106 My-Je '56.

ACCOUNTING
(see also subdivision under Germany, East)
Discussion on N. I. Il'in's textbook "Accounting in Soviet trade." Bukhg. uchet 15 no. 7:47-52 Jl '56.
For further improvement in accounting for materials. Bukhg. uchet 15 no. 7:30-41 Jl '56.
Practice in accounting for materials. IA. Krivenkov. Bukhg. uchet 15 no. 7:30-33 Jl '56.
Russia (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. Otdel statistiki promyshlennosti. [Standard instructions for compiling monthly report of industrial enterprises on the fulfillment of production plans] Tipovaia instruktsiia k sostavleniiu ezhemesiachnykh otchetov promyshlennykh predpriiatii o vypolnenii plana po produktsii. Moskva, Gosstatizdat, 1956. 44 p.
Shchenkov, S. A. [Organization of accounts and reports in industrial enterprises] Organizatsiia ucheta i otchetnosti na promyshlennom predpriiatii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p. (V pomoshch' ekonomicheskomu obrazovaniiu)
Simplifying accounting for departmental payments based on apportioned fixed assets and working capital. M. Shilakhever. Bukhg. uchet 15 no. 7:27-30 Jl '56.
Some problems in accounting for materials. A. IAkovlev. Bukhg. uchet 15 no. 7:15-19 Jl '56.
Strengthen accounting control over expenditures in the national economy. Bukhg. uchet 15 no. 7:1-4 Jl '56.

ACCOUNTING—MACHINE METHODS see Machine accounting

ACENAPTHENE
Oxidation of acenaphthene in sulfuric acid to naphthalic acid. A. P. Karishin, T. P. Fedorenko. Zhur. prikl. khim. 29 no. 6:955 Je '56.

ACETALS
Inquiries into the synthesis and transformations of oxygen containing silicon-organic compounds. The synthesis of silicon-organic acetals from the vinyl ether of γ-hydroxypropyltrimethylsilane, silicon-organic alcohols and silanol. I. A. Shikhiev, N. V. Komarov. Dokl. AN SSSR 103 no. 2:279-281 My '56.

ACETAMIDE
Conductance and viscosity of the system: ammonium nitrate - acetamide. M. A. Klochko, G. F. Gubskaia. Izv. Sekt. fiz.-khim. anal. 27:393-401 '56.
Physicochemical analysis of binary systems formed by acetamides with organic acids. Part 1. Density, viscosity, and conductance of the system: acetamide -- acetic acid. I.M.Bokhovkin, IU.I.Bokhovkina. Zhur. ob. khim. 26 no. 5:1315-1318 My '56.
Physicochemical analysis of binary systems formed by acetamides with organic acids. Part 2. Density, viscosity, and conductance of the system: acetamide -- monochloroacetic acid. IU.I.Bokhovkina, I.M.Bokhovkin. Zhur. ob. khim. 26 no. 5:1318-1322 My '56.
Physicochemical study of the interaction of acetamide with certain aromatic acids. Z.K.Dzhelomanova, N.Z.Rudenko, D.E.Dionis'ev. Zhur. ob. khim. 26 no. 5:1322-1326 My '56.

ACETARSONE
Acute hemorrhagic encephalitis following administration of osarsol. I. P. Shvartsvasser, L. G. Vaingrib. Sov. med. 20 no. 5:76-77 My '56.

ACETIC ACID
Investigation of polyvinyl acetate solutions by the light scattering method (with English summary in insert). V. N. TSvetkov, S. IA. Kotliar. Zhur. fizh. khim. 30 no. 5:1100-1103 My '56.
On transformations of growth stimulators in plants. (1-alkylindolyl-3-acetic acids) with English summary in insert]. IU. A. Baskakov, N. N. Melnikov. Fiziol. rast. 3 no. 3:208-213 My-Je '56.
Physicochemical analysis of binary systems formed by acetamides with organic acids. Part 1. Density, viscosity, and conductance of the system: acetamide -- acetic acid. I.M.Bokhovkin, IU.I.Bokhovkina. Zhur. ob. khim. 26 no. 5:1315-1318 My '56.
Physicochemical analysis of binary systems formed by acetamides with organic acids. Part 2. Density, viscosity, and conductance of the system: acetamide -- monochloroacetic acid. IU.I.Bokhovkina, I.M.Bokhovkin. Zhur. ob. khim. 26 no. 5:1318-1322 My '56.
Study of the viscosity, density, and conductance of the system: quinoline -- acetic acid. S.P.Miskidzh'ian, S.S. Kirillsk. Zhur. ob. khim. 26 no. 5:1350-1355 My '56.
Synthesis of certain physiologically active esters of dialkylaminoacetic acids. A.L.Remizov, N.V.Khromov-Borisov. Zhur. ob. khim. 26 no. 5:1471-1482 My '56.
Using Trilon "B" soil analysis [with German summary in insert]. K. V. Vorigina. Pochvovedenie no. 5:117-124 My '56.

ACETIC ACID—PHYSIOLOGICAL EFFECT
Some changes in the metabolism of tomato flowers and fruit under the influence of 2, 4-D and 2, 4, 5- trichlorophenoxyacetic acid. IU. V. Rakitin, K. L. Povolotskaia, D. M. Sedenko. Fiziol. rast. 3 no. 4:297-306 Jl-Ag '56.

ACETOBACTER
Effect of fusel oils on the acid-forming capacity of acetic acid bacteria in rapid manufacturing of vinegar. L. A. Liberman. Mikrobiol. zhur. 9 no. 2/3:133-142 '48.
Effect of nitrogenous nutrition and growth promoting substances on the growth and acid formation of B. schizenbachii. L. IU. Medvyns'ka. Mikrobiol. zhur. 9 no. 2/3:129-137 '48.

ACETONE
Irregular reaction of α-halo ketones with esters of phosphorus acid. Part 2. Reactions of chloro- and bromoacetone with esters of phosphorus and phenylphosphinous acids. A.N.Pudovik, V.P.Aver'ianova. Zhur. ob. khim. 26 no. 5:1420-1431 My '56.
Manufacture of phenol and acetone from isopropylbenzene. B. D. Kruzhalov, P. G. Sergeev. Khim. nauka i prom. 1 no. 3:287-297 '56.
Preparation and certain properties of mercury-oxide compounds with acetone and their use in the development of a method for quantitative determination of mercury. A. A. Medvedovskii. Ukr. khim. zhur. 17 no. 1:36-42 '51.
Reaction of asymmetric organic α-oxides with acetone in the presence of boron fluoride. F. G. Ponomarev. Dokl. AN SSSR 108 no. 4:648-650 Je '56.

ACETYLACETONEIMINE
Research in the field of quinones. Part 10. Reaction of acetylacetoneimine with ρ-benzoquinone. A.N.Grinev, V.I.Shvedov, A.P.Terent'ev. Zhur. ob. khim. 26 no. 5: 1449-1451 My '56.

ACETYLCHOLINE
Electrophysiological investigations of the mechanism of chemoreception. Report no. 1: Modification of afferent impulse conduction in intestinal nerves following chemical irritation of receptors by nicotine and acetylcholine. N. A. Anikina. Biul. eksp. biol. med. 42 no. 7:8-13 Jl '56.
Investigation of the effect of pilocarpine and of acetylcholine on sweating on a Filatov pedicle flap. E. E. Klein. Biul. eksp. biol. med. 42 no. 7:39-41 Jl '56.

ACETYLENE
Methods and economics of acetylene manufacture. N. P. Fedorenko. Khim. nauka i prom. 1 no. 3:337-344 '56.
Stereochemistry and the nascent-hydrogen reduction mechanism of multiple-bond compounds. Part 1. Reduction of tolan by metals in alcohols and acetic acid. E. A. Shilov, S. G. Strel'tsova. Ukr. khim. zhur. 22 no. 3:341-346 '56.

ACETYLENE COMPOUNDS
Works of the Institute of Chemistry of the Academy of Sciences of the Tajik S. S. R. in the field of the acetylene based synthesis of new substances. V. I. Nikitin. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:93-98 '54.

ACETYLENE GENERATORS
[Operation of portable acetylene generators] Ekspluatatsiia perenosnykh atsetilenovykh generatorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 71 p. (Rukovodiashchie materialy po gazoplamennoi obrabotke metallov, no. 8)

ACIDS
Determination of free acid in presence of various salts. M. M. Senyavin, A. M. Sorochan. Trudy Kom. anal. khim. 7:246-271 '56.

ACIDS, FATTY
Condensation of O-aminothiophenol with acetylene monocarboxylic acids. L. K. Mushkalo. Ukr. khim. zhur. 17 no. 5:751-754 '51.
Esters of 4, 4'-dioxydiphenylsulfone. Part 1. Synthesis of esters of 4, 4'-dioxydiphenylsulfone and aliphatic acids. IA. P. Berkman, R. V. Vizgert. Ukr. khim. zhur. 17 no. 3:264-269 '51.
Esters of 4, 4'-dioxydiphenylsulfone. Part 2. Synthesis of esters of 4, 4'-dioxydiphenylsulfone and aromatic acids. IA. P. Berkman, R. V. Vizgert. Ukr. khim. zhur. 17 no. 3:270-273 '51.
Normal-structure liquid paraffins as raw material for the synthesis of higher fatty acids. V. K. TSyskovskii, TS. N. Shcheglova, E. M. Nebylova. Khim. i tekh. topl. no. 6:9-14 Je '56.
Research in the field of cyclic acetals. Part 1. Condensation of styrene and of its homologs with aldehydes in presence of hydrochloric acid and reactions of 4-phenyl-1,3-dioxane with $SOCl_2$, PCl and with fatty acids. N.V.Shorygina. Zhur. ob. khim. 26 no. 5:1460-1465 My '56.
Synthetic fatty acids and method for calculating the continuous distillation. A. IA. Koldovkin, A. N. Bodan. Khim. i tekh. topl. no. 6:1-8 Je '56.

ACIDS, INORGANIC
Solubility of niobium hydroxide in mineral acids. D. I. Kurbatov, N. V. Domenev. Zhur. prikl. khim. 29 no. 6: 944-945 Je '56.

ACIDS, ORGANIC
Physicochemical study of the interaction of acetamide with certain aromatic acids. Z.K.Dzhelomanova, N.Z.Rudenko, D.E.Dionis'ev. Zhur. ob. khim. 26 no. 5:1322-1326 My '56.
Quantitative determination of coexisting oxalic, citric, and gluconic acids. G. IA. Khait. Ukr. khim. zhur. 17 no. 1:59-63 '51.
Separation of synthetic acids by means of extractive crystallization with the aid of urea. B. G. Freidin, K. D. Tammik. Zhur. prikl. khim. 29 no. 6:935-940 Je '56.

ACONITE
(see also subdivision under Kazakhstan)
Pharmacology of the preparations of forest aconite (Aconitum nemorum M. Pop.). Sh. Zh. Zhangozin. Trudy Inst. fiziol. AN Kazakh. SSR 1:69-104 '56.

ACORNS
Nitrogen-containing substances in acorns of various oak species. V. H. Klimenko. Ukr. biokhim. zhur. 22 no. 2: 188-196 '50.

ACOUSTIC PHENOMENA IN NATURE
Study of fish sounds. E. V. Shishkova. Ryb. khoz. 32 no. 6:81-86 Je '56.

ACOUSTICAL MATERIALS
Decorative acoustical plasters. B. N. Kaufman. Stroi. prom. 34 no. 6:34-37 Je '56.
Use of layers which eliminate the generation of transverse waves during the reflection of longitudinal waves from solid boundaries. M. A. Isakovich. Akust. zhur. 2 no. 2:150-153 Ap-Je '56.

ACOUSTICS see Architectural acoustics

ACRIDINE—SPECTRA
Nature of the concentration effects in solutions of acridine compounds. L. V. Levshin. Dokl. AN SSSR 108 no. 2:228-231 My '56.

ACROLEIN
Condensation of β,β-bis(ρ-dimethylaminophenyl)-acrolein with heterocyclic compounds containing an active methyl of methylene group. G. M. Oksengendler, A. I. Kiprianov. Ukr. khim. zhur. 17 no. 5:744-750 '51.

ACRYLIC ACID
Research in the stereochemistry of cyclic compounds. Part 9. Condensation of 1-vinyl-Δ³-cyclohexene with methyl acrylate. I. N. Nazarov, V. F. Kucherov, G. M. Segal'. Izv. AN SSSR, Otd. khim. nauk no. 5:559-568 My '56.

ACTING—STUDY AND TEACHING
Apprehension for the future. V. Blok. Teatr 17 no. 6: 100-112 Je '56.
Training of the younger generation in the theater. Teatr 17 no. 7:170 Jl '56.

ACTINOMYCES
Nitrogen-fixing activity of some soil actinomyces. M. V. Fedorov, T. K. Kudriashova. Dokl. AN SSSR 108 no. 2: 345-348 My '56.

ACTINOMYCOSIS
Actinomycosis of the heart. P. I. Vorotilkina. Sov. med. 20 no. 6:66-68 Je '56.

ACTINS
Relation of action to adenosinetriphosphate-creatinephorase. E. T. Sorent, R. H. Dehtiar. Ukr. biokhim. zhur. 22 no. 2:135-143 '50.

ACTORS see subdivision under Moscow

ACUPUNCTURE
Acupuncture (healing by pricks). V zashch. mira no. 60:33-43 My '56.

ADAMIAN, NORA
Lofty simplicity ("The beginning of life." Nora Adamian. Reviewed by IUrii Nagibin). Druzh. nar. no. 7:189-191 Jl '56.

ADELAIDE, AUSTRALIA—STUDENTS—CONGRESSES
Forum after the Olympic Games. Vsem. stud. nov. 10 no. 6/7:34 Je-Jl '56.

ADENOSINETRIPHOSPHATASE
The adenosinetriphosphatase activity of the heart muscle in guinea pigs with diphtherial myocarditis. V. IE. Sokolova. Ukr. biokhim. zhur. 28 no. 2:201-206 '56.
Biochemical processes in injured muscles. S. F. Epshtein, V. H. Smorodyna'ka. Ukr. biokhim. zhur. 28 no. 2:207-216 '56.

ADENOSINETRIPHOSPHORIC ACID
Effect of a preparation of adenosinetriphosphoric acid on the development and course of experimental myodystrophy; histological part of the study. I. V. Tvors'ka. Fiziol. zhur. [Ukr.] 1 no. 3:95-101 My-Je '55.
Effect of conditioned reflex excitation of the central nervous system on the adenosinetriphosphoric and adenosinediphosphoric acid content of the brain. E. A. Vladimirova. Vop. med. khim. 2 no. 1:47-52 Ja-F '56.
Modification in the adenosinetriphosphoric acid system in cerebral tissue in various functional states of the central nervous system [with English summary in insert]. I. A. Sytinskii. Biokhimiia 21 no. 3:359-367 My-Je '56.

ADHESIVES

Kratova, N. A. [Gluing and adhesion] O skleivanii i prilipanii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 164 p.

ADIPHENINE

Changes in the cholinolytic properties of spasmolytin induced by the introduction of hydroxyl into the acid part of its molecule. S. S. Kryiov. Farm. i toks. 19 no. 3:21-25 My-Je '56.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE COURTS see subdivision under Irkutsk Province

ADMINISTRATIVE RESPONSIBILITY

Decisions of executive committees of local Soviets stipulating administrative responsibility. I. N. Pakhomov. Dop. ta pov. L'viv. un. no. 4, pt. 1:9-12 '53.

ADMISSIONS (LAW)

"Admission of a party in Soviet civil procedure," V. K. Puchinskii. Reviewed by N. I. Avdeenko, D. M. Chechot. Vest. Len. un. 11 no. 11:137-140 '56.

"Admissions of a party in Soviet civil procedure," V. K. Puchinskii. Reviewed by N. B. Zeider. Sov. gos. i pravo no. 5:140-143 '56.

ADOBE CONSTRUCTION see Building, Adobe

ADOLESCENCE

Adolescents. G. Prozorov. Rabotnitsa 34 no. 7:21 Jl '56.

ADOLESCENCE—DISEASES

Aminazine therapy for adolescents at a psychiatric clinic; preliminary report. A. N. Korganova. Zhur. nevr. i psikh. 56 no. 7:567-570 '56.

ADONTOGRAPHY see Teeth

ADRENAL GLANDS

Modification of the ascorbic acid content of the adrenals in guinea pigs irradiated with X-rays. L. IA. Zhorno. Med. rad. 1 no. 1:79-87 Ja-F '56.

Theory of the reactive changes in the adrenal cortex. N. B. Medvedieva. Fiziol. zhur. [Ukr.] 1 no. 2:134-139 Mr-Ap '55.

ADRENALINE

Adrenaline metabolism in children ill with dysentery. N. E. Ozeretskovskaia, A. P. Chernikova. Vop. okh. mat. i det. 1 no. 4:56-62 Jl-Ag '56.

Effect of adrenaline on the oxidation of blood in animals. G. E. Viller, A. G. Gainutdinova, O. G. Lorents. Dokl. AN Tadzh. SSR no. 2:57 '52.

Pyruvic acid and adrenaline content of blood in pain. A. L. Bernshtein. Vop. med. khim. 2 no. 1:25-28 Ja-F '56.

ADSORPTION

Adsorption in a suspened layer. P. G. Romankov, V. N. Lepilin, E. S. Nemet. Khim. nauka i prom. 1 no. 3:317-324 '56.

Adsorptive properties of bleaching earths from the Saratov Province. F. A. Slisarenko, E. M. Timofeeva. Zhur. prikl. khim. 29 no. 6:847-850 Je '56.

Adsorptive properties of hydrocarbons. A. V. Kiselev. Usp. khim. 25 no. 6:705-747 Je '56.

Applicability limits for statistical methods in the analysis of adsorption phenomena. S. Z. Roginskii, O. M. Todes. Probl. kin. i kat. 7:248-262 '49.

Certain adsorption peculiarities conditioned by "thermal disorder" on crystal surfaces. F. F. Vol'kenshtein. Probl. kin. i kat. 7:360-382 '49.

Determination of the inhomogeneity of a surface from kinetic data. V. I. Levin. Probl. kin. i kat. 7:297-335 '49.

Investigation of adsorption on porous glass by infrared absorption measurements (with English summary in insert). A. N. Sidorov. Zhur. fiz. khim. 30 no. 5:995-1006 My '56.

Properties of largely inhomogeneous surfaces resulting from studying the adsorption of oxygen and hydrogen on active carbons. N. P. Keier, S. Z. Roginskii. Probl. kin. i kat. 7:410-435 '49.

Role of substance adsorption during arc welding of metals. V. N. Skvortsov. [Trudy] MVTU no. 36:16-20 '55.

Statistical method in the theory of adsorption and catalysis. V. I. Levin. Probl. kin. i kat. 7:205-237 '49.

Statistical theory of the adsorption of mixtures. S. Z. Roginskii, O. M. Todes. Probl. kin. i kat. 7:338-359 '49.

Study of the adsorption of vapors on crystal adsorbents. B. P. Bering, V. V. Serpinskii. Probl. kin. i kat. 7:383-409 '49.

Theory of adsorption on inhomogeneous surfaces. Determination of the distribution law for sections of sorbent surface from heats of sorption using experimental observations of sorption isotherms. O. M. Todes, A. K. Bondareva, G. A. Khachkuruzov. Probl. kin. i kat. 7:263-286 '49.

Theory of the Freundlich adsorption isotherm. IA. B. Zel'dovich. Probl. kin. i kat. 7:238-247 '49.

ADULT EDUCATION
(see also subdivision under Kromenets)

New miner cadres. K. Panferov. Prof.-tekh. obr. 13 no. 6:15-16 Je '56.

ADVERTISING—MOTION PICTURES

Raise the standard of motion-picture advertising. E. Shpiner. Sots. kul't. 9 no. 6:30-31 Je '56.

ADVERTISING—SAVINGS BANKS

Advertisements for savings banks. M. TSeitlin. Fin. SSSR 17 no. 6:70-72 Je '56.

ADYGEY AUTONOMOUS PROVINCE—HEMP

In the progressive "Zaria" State Hemp Farm. K. Rozov. Sovkhoz. proizv. no. 8:77-79 Ag '56.

ADZHARISTAN—CONSTITUTION

Adzhar A. S. S. R. Constitution. [Constitution (fundamental law) of the Adzhar Autonomous Soviet Socialist Republic; with amendments adopted by the Supreme Soviet of the Adzhar A. S. S. R. from 1954 to April 13, 1955] Konstitutsiia (osnovnoi zakon) Adzharskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniiami i dopolneniiami, priniatymi Verkhovnym Sovetom Adzharskoi ASSR s 1954 g. po 13 aprelia 1955 g. Batumi, Gosizdat, Adzharskoi ASSR, 1955. 22 p.

ADZHEMIAN, GRIGOR

Everything in reverse. Teatr 17 no. 7:152 Jl '56.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERIAL ROCKETS see Rockets (Aeronautics)

AERODYNAMIC LOAD

Representation of non-stationary aerodynamic moments and forces by means of coefficients of rotational derivatives. S. M. Belotserkovskii. Izv. AN SSSR. Otd. tekh. nauk no. 7:53-70 Jl '56.

AERODYNAMICS, TRANSONIC

Using the gas hydraulic analogy for the purpose of gas dynamic calculations. B. G. Broide. Zhur. tekh. fiz. 26 no. 7:1579-1594 Jl '56.

AERONAUTICAL INSTRUMENTS

Change the arrangement of blind landing instruments. B. Kondrat'ev. Grazhd. av. 13 no. 5:17 My '56.

Cloud ceiling meter. N. Uanchev. Grazhd. av. 13 no. 5:17 My '56.

AERONAUTICAL LABORATORIES

Martynov, A. K., and D. S. Gorshonin. [A practical manual for aerodynamical laboratories] Rukovodstvo k prakticheskim zaniatiiam v aerodinamicheskoi laboratorii. Moskva, Gos. izd-vo obor. promyshl., 1956. 130 p.

AERONAUTICAL SOCIETIES see subdivision under Rostov

AERONAUTICS

In a few lines. Kryl. rod. 7 no. 6:23 Je '56.

In the International Aviation Federation. Kryl. rod. 7 no. 7:24 Jl '56.

Sport flying abroad. Kryl. rod. 7 no. 7:23 Jl '56.

Wings of our fatherland. Ukraina no. 13:4-5 Jl '56.

AERONAUTICS—FLIGHTS

Organizing group long-distance cross-country flights. N. Podzorov. Grazhd. av. 13 no. 7:28 Jl '56.

AERONAUTICS—HISTORY

Against distortions in the history of aviation. E. F. Burche, I. E. Moscalov. Vop. ist. no. 6:124-128 Je '56.

Works of D. I. Mendeleev in aeronautics and meteorology. B. N. Vorob'ev. Trudy Inst. ist. est. i tekh. 8:72-99 '56.

AERONAUTICS—MEDICAL ASPECTS see Aviation medicine

AERONAUTICS—RELIEF SERIVCE see subdivision under Chernovtsy Province

AERONAUTICS—RULES AND REGULATIONS

Know and strictly observe the rules of flight service. I. Polosukhin. Grazhd. av. 13 no. 6:6-8 Je '56.

AERONAUTCS—STUDY AND TEACHING

Control in the training of sportsmen. V. Kuz'min. Kryl. rod. 7 no. 7:14 Jl '56.

How we organized special ground training. N. Chernoshei. Grazhd. av. 13 no. 5:16 My '56.

The most important is the quality of training. N. Dudin. Kryl. rod. 7 no. 6:13-14 Je '56.

Preparing the cadet for his first independent flights. IA. Forostenko. Kryl. rod. 7 no. 6:15 Je '56.

Problem of the grade of "3." S. Golubev. Grazhd. av. 13 no. 7:10 Jl '56.

AERONAUTICS, COMMERCIAL
(see also subdivision under Czechoslovakia; Hungary)

Brief news. Grazhd. av. 13 no. 6:30 Je '56.

Civil aviation in the sixth five-year plan. Grazhd. av. 13 no. 7:1-2 Jl '56.

Commander's exactingness. L. Gozalov. Grazhd. av. 13 no. 5:8-9 My '56.

Diary of civil aviation. Grazhd. av. 13 no. 5:38 My '56.

Diary of civil aviation. Grazhd. av. 13 no. 7:37 Jl '56.

Diary of commercial aviation. Grazhd. av. 13 no. 6:34 Je '56.

Eight hundred and thirty kilometers per hour. S. I. Kanevskii. Nauka i zhizn' 23 no. 6:16 Je '56.

Eliminate shortcomings in organizing flights without aerial engineers. A. Korotkov. Grazhd. av. 13 no. 5:33 My '56.

Follow-up of our published articles. Grazhd. av. 13 no. 6:39 Je '56.

Friendship helps service. IU. Gribov. Grazhd. av. 13 no. 6:8-9 Je '56.

How we put into practice the resolutions of the 20th Congress of the Communist Party of the Soviet Union. N. Timofeev. Grazhd. av. 13 no. 6:4-5 Je '56.

Let's conduct flights during the summer in an organized manner. Grazhd. av. 13 no. 5:1-2 My '56.

Planning tasks according to the growth of labor productivity. P. Semenov, L. Ganykin. Grazhd. av. 13 no. 6:22-23 Je '56.

Seven years without damages and incidents. S. Artasov. Grazhd. av. 13 no. 5:13 My '56.

Topics on technical progress on the pages of newspapers with wide circulations. M. Poluplankii. Grazhd. av. 13 no. 5:6-7 My '56.

Weekdays of a crew. D. Ivanov. Grazhd. av. 13 no. 5:10-13 My '56.

Work results of Civil Aeronautic subdivisions for the first quarter of the year and April. Grazhd. av. 13 no. 6:3 Je '56.

AERONAUTICS, COMMERCIAL—FREIGHT

Cost of air transport and means of lowering it. S. Podkaminer. Grazhd. av. 13 no. 7:35-36 Jl '56.

AERONAUTICS, COMMERCIAL—PASSENGER TRAFFIC

Refrigeration of food served on planes. G. Gubkina. Grazhd. av. 13 no. 5:27-29 My '56.

AERONAUTICS, MILITARY—OBSERVATIONS

More about the "open sky." Nov. vrem. 14 no. 30:17 Jl '56.

AERONAUTICS, RADIO IN see Radio in aeronautics

AERONAUTICS IN AGRICULTURE
(see also subdivision under Volga Valley)

Airmen of the Kuban are participants in the All-Union Agricultural Exhibition of 1956. M. Tiulenev. Grazhd. av. 13 no. 6:20 Je '56.

Aviation at the All-Union Agricultural Exhibition. G. Podgushkin. Grazhd. av. 13 no. 7:26-27 Jl '56.

Cooperation in work; photographic report. M. Rumov. Grazhd. av. 13 no. 5:35 My '56.

Foliar feeding of flax. V. S. Zhadnev. Mosk. kolkh. 5 no. 6:15 Je '56.

How we increased the efficiency of the An-2 airplane. A. Kulintratov. Grazhd. av. 13 no. 7:3-4 Jl '56.

Initiative. I. Drozdov. Grazhd. av. 13 no. 7:11-12 Jl '56.

Masters of aeronautical chemical work. N. Kocharov. Grazhd. av. 13 no. 7:5 Jl '56.

Mechanical loading of chemicals onto airplanes. Il. Marov. Grazhd. av. 13 no. 6:19-20 Je '56.

Radioactive substances increase cotton yields. V. Rubo. Grazhd. av. 13 no. 7:21 Jl '56.

Results of foliar feeding. S. E. Fridman. Sakh. svekl. no. 5:25-27 Jl '56.

Shortcomings in the special equipment of the An-2 airplane. B. Kochkan. Grazhd. av. 13 no. 7:21 Jl '56.

Sowing oaksaul from an An-2 airplane. V. Rubo. Grazhd. av. 13 no. 5:34 My '56.

Together with scientists. I. Purusov. Grazhd. av. 13 no. 5:34 My '56.

Winged helpers of the farmer. A. Levchenko. Kryl. rod. 7 no. 6:8-9 Je '56.

AERONAUTICS IN FORESTRY

Fighting forest fires with helicopters. L. Babadzhanova. Grazhd. av. 13 no. 7:19 Jl '56.

Using color photography in the aerial surveying of forests. L. M. Popov. Les. khoz. 9 no. 6:10-15 Je '56.

AESTHETICS

Akademiia nauk SSSR. Institut filosofii. [Problems in Marxist-Leninist aesthetics] Voprosy marksistsko-leninskoi estetiki. Moskva, Gos. izd-vo polit. lit-ry, 1956. 375 p.

Dogmatic theories and living literature. A. Iezuitov. Neva no. 6:167-170 Je '56.

AETIUS, of Amida, fl. 6th century

Selection from a medical tract of Aetius of Amida in a manuscript from the 10th-11th century. E. E. Granstrem. Viz. vrem. 9:159-169 '56.

AFFORESTATION
(see also subdivision under Chu Valley; Dnepor Valley; Kakhovka District; Nezhin District; Salsk; Ukraine)

Corridor method in establishing oak plantations in the Shipov Forest. P. N. Alent'ev. Les. khoz. 9 no. 6:73-78 Je '56.

Essential problems in shelterbelt afforestation. D. D. Lavrinenko. Sbor. VNITOLES Ukr. resp. otd. no. 1/2: 6-16 '54.

AFGHANISTAN—FOREIGN RELATIONS—RUSSIA

An example of good-neighbor policy and friendly cooperation [with English summary in insert]. R. T. Akhramovich, I. F. Belov. Sov. vostokoved. no. 2:45-55 '56.

AFRICA—DEFENSES

A NATO for Africa. Nov. vrem. 14 no. 30:17-18 Jl '56.

AFRICA—DESCRIPTION AND TRAVEL

Long journeys. Zmina no. 5:18-19 My '56.

The vacuum is filled. Jiří Hanzelka, Miroslav Zikmund. Mol. mira no. 4:12-13 '56.

AFRICA—FOREIGN RELATIONS—RUSSIA

Ideas of internationalism and the national liberation movement. Sovremennik. Nov. vrem. 14 no. 30:3-7 Jl '56.

AFRICA—GEOGRAPHY

[Angola, Bechuanaland, Rhodesia and Nyasaland] Angola, Bechuanaland, Federatsiia Rodezii i N'iasalenda. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 31 p. (Strany Afriki. Geograficheskie spravki)

AFRICA—MANGROVE

West African mangroves. P. A. Baranov. Priroda 45 no. 7:52-60 Jl '56.

AFRICA—POLITICS

The national liberation movement in Africa. Derek Kartun. Mezhdunar. zhizn' no. 6:78-80 Je '56.

AFRICA—RELATIONS (GENERAL) WITH RUSSIA

Guests from Africa. Liudmila Pavlova. Sov. zhen. 12 no. 8:5-9 Ag '56.

AFRICA—STUDENTS

Report from Africa. S. Choudhury. Vsem. stud. nov. 10 no. 6/7:8 Je-Jl '56.

AFRICA, NORTH—POLITICS

Peoples of Arab countries in the struggle for freedom and independence. S. Belinkov. Blok. agit. no. 25:39-44 S '56.

AGAR

Using roselle agar in mycological research. V. V. Vlodavets. Bot. zhur. 41 no. 4:537-539 Ap '56.

AGATHIAS, SCHOLASTICUS, d. 582

"The rule of Justinian." Agathias. Translated by M. V. Levchenko. Reviewed by M. IA. Stuzhumov. Viz. vrem. 9:250-254 '56.

AGDAM DISTRICT—SOCIOLOGY, RURAL

Materials from the Agdam ethnographic trip of 1950 [in Azerbaijani with summary in Russian]. S. Vaidova. Trudy Muzeia ist. Azerb. 1:120-136 '56.

AGE

Changes in the capacity for muscular work in people of various ages during and after static work. O. F. Maksymova. Fiziol. zhur. [Ukr.] 1 no. 1:91-97 Ja-F '55.

AGED—CARE AND HYGIENE see subdivision under Honan Province

AGGLUTINANTS see Adhesives

AGGREGATES

An application of the theory of positively defined functions. N. Bogoliubov. Zbir. prats' Inst. mat. AN URSR no. 11:113-120 '48.

Functions monogenic on closed sets and sets of type $F_\sigma$. A. Solezнev. Dokl. AN SSSR 108 no. 4:591-594 Je '56.

Limit center of a dynamic system. G. I. Kats, S. G. Krein. Zbir. prats' Inst. mat. AN URSR no. 11:121-124 '48.

Negative answer to the problem of reducibility of the theory of algorithms. A. A. Muchnik. Dokl. AN SSSR 108 no. 2:194-197 My '56.

Properties of sets of Jacobian and generalized-Jacobian systems. G. V. Pfeiffer. Zbir. prats' Inst. AN URSR no. 9:55-61 '48.

Quasiprimitive classes of abstract algebras. A. I. Mal'tsev. Dokl. AN SSSR 108 no. 2:187-189 My '56.

Refined consideration of the extremal relations between mean successive and Chebyshev approximations. Part 2. E. IA. Remez. Zbir. prats' Inst. mat. AN URSR no. 11:24-35 '48.

Stenrod's generalized duality theorem. N. A. Berikashvili. Soob. AN Gruz. SSR 17 no. 6:385-392 '56.

AGRICULTURAL ADMINISTRATION

"It's a matter of organization." Reviewed by Efim Dorosh. Novyi mir 32 no. 6:259-260 Je '56.

Study and application of progressive practice are an integral part of party work. V. Nogachev. Komm. Bel. 29 no. 6:17-24 Ag '56.

AGRICULTURAL CHEMISTRY
(see also subdivision under Efremov District)

Agricultural elements in the chemistry course in and outside the class. G. M. Tulikova. Uch. zap. Ped. inst. Gerts. 10:101-114 '56.

AGRICULTURAL CHEMISTRY—STUDY AND TEACHING

Meeting devoted to the discussion of "Chemistry for Agriculture." E. G. Troitskaia. Khim. v shkole 11 no. 4:52-59 Jl '56.

AGRICULTURAL CHEMISTRY—TEXTBOOKS

In reference to the textbook "Agricultural chemistry." Reviewed by N. V. Orlovskii and others. Pochvovedenie no. 5:127-130 My '56.

AGRICULTURAL CLIMATOLOGY see Crops and climate

AGRICULTURAL COLLEGES see subdivision under Moscow

AGRICULTURAL CREDIT

Agriculture in the sixth five-year plan and tasks of the State Bank. V. Vorob'ev. Den. i kred. 14 no. 6:3-10 Je '56.

There should be a higher standard for the economic work in Agricultural Bank branches. N. Getnio, Z. Cherniak, M. Petrenko. Fin. SSSR 17 no. 6:60-64 Je '56.

AGRICULTURAL EDUCATION
(see also subdivision under White Russia)

Improve substantially the organization of higher agricultural education. V. F. Nemtsov. Vest. vys. shkoly 14 no. 7:6-12 Jl '56.

Propagage the practice of the best mechanization schools. A. Z. Kal'chenko. Mekh. sil'. hosp. 7 no. 1:22-23 Ja '56.

Raise the level of industrial and agricultural preparation of students. Khim. v shkole 11 no. 4:3-6 Jl '56.

Technical training of machine operators. I. I. Serkin. Mekh. sil'. hosp. 7 no. 1:21-22 Ja '56.

AGRICULTURAL EXHIBITIONS
(see also subdivision under Moscow; Verona, Italy)

At industrial and agricultural exhibitions. Nauka i zhizn' 23 no. 7:1-4 Jl '56.

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Aban District; Bykovo; Kaluga Province

AGRICULTURAL EXTENSION WORK see subdivision under Europe, Western

AGRICULTURAL JOURNALISM see Journalism, Agricultural

AGRICULTURAL LABORERS

Instructor of the district committee. S. Oparin. Mol. komm. 14 no. 7:43-46 Jl '56.

AGRICULTURAL LABORERS—DISEASES AND HYGIENE

Data on cutaneous microflora in workers of machine-tractor stations and collective farms. B. V. Sokolov. Vest. ven. i derm. no. 3:46-47 My-Je '56.

Studying morbidity with temporary loss of working capacity at machine-tractor stations. V. I. Bukhovets, N. K. Val'chuk, R. D. Gabovich. Sov. zdrav. 15 no. 4:18-24 Jl-Ag '56.

AGRICULTURAL LAWS AND LEGISLATION

The law of collective farm life. Adyl Normatov. Zvezda Vost. 24 no. 6:106-110 Je '56.

The nature of labor law applicable to machine-tractor station workers. A. F. Troshin. Uch. zap. VIIUN no. 4: 60-77 '55.

AGRICULTURAL MACHINERY
(see also subdivision under Czechoslovakia; Germany, East; Kharkov; Korea, North; Ukraine; White Russia)

Agricultural equipment in the sixth five-year plan. N. P. Pichugin. Mosk. kolkh. 5 no. 6:44-45 Je '56.

Cleaning and sorting grain and technical crops. O. IA. Kovalenko. Mekh. sil'. hosp. 7 no. 1:19-21 Ja '56.

Gathering and stacking straw. N. T'Sagolov, A. Pereverzev. Tekhsov. MTS 17 no. 14:10-13 Jl '56.

How to care for tractors and agricultural machines. P. I. Patlan'. Mekh. sil'. hosp. 7 no. 7:17 Jl '56.

KPII-4, 2 mounted cultivator-fertilizer. S. H. Pyvovar. Mekh. sil'. hosp. 7 no. 6:27-28 Je '56.

KRN-4, 2 cultivator and fertilizer spreader. I. Vlasov. MTS 16 no. 5:41-42 My '56.

Let us raise the level of mechanization in agriculture. O. IU. Tkachenko. Mekh. sil'. hosp. 7 no. 1:14-15 Ja '56.

Letters from friends. A. IArovoi. MTS 16 no. 5:44-46 My '56.

Machinery for land improvement work. I. I. Mer. Gidr. i mel. 8 no. 6:44-55 Ag '56.

[Machinery for tillage] Pochvoobrabatyvaiushchie mashiny. Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1956. 63 p.

Maintenance of hydraulic mounted attachments. H. L. Kal'bus. Mekh. sil'. hosp. 7 no. 6:18-19 Je '56.

Make wide use of machinery in the procurement of hay. B. I. Bochkarev. Sovkhoz. proizv. no. 6:62-65 Je '56.

Modernization of the SNU-3 beet lifter. H. I. Danylevych. Mekh. sil'. hosp. 7 no. 8:30 Ag '56.

New agricultural machines. B. Osaledchik. Sel'khoz. Kirg. no. 4:30-40 Ap '56.

New equipment for collective farm fields. N. Pichugin. Kolkh. proizv. 16 no. 5:30-32 My '56.

Scarifier for areas having uncleared stumps. K. E. Lebedev. Les. khoz. 9 no. 6:62-63 Je '56.

Scraper for digging of trench silos. I. Grigor'ev. Sovkhoz. proizv. no. 8:75-76 Ag '56.

Simple device for chopping mineral fertilizers before spreading. S. A. Kniaz'kov. Mosk. kolkh. 5 no. 8:23-24 Ag '56.

Spring tillage. Tillage equipment: the plow and cultivator. M. G. Avaev. Est. v shkole no. 4:65-70 Jl-Ag '56.

Stands for the winter storage of machinery. V. Kisel'. MTS 16 no. 5:43 My '56.

Using machines in soil liming. S. M. Minevych. Mekh. sil'. hosp. 7 no. 1:17-19 Ja '56.

Voliov, P. I. [Mechanization of vegetable cultivation] Mekhanizatsiia vozdelyvaniia ovoshchnykh kul'tur. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 104 p. (Peredovoi opyt v sel'skom khoziaistve)

Wheel resistance in agricultural machinery. P. M. Vasylenko. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 4:3-13 '54.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—EXHIBITIONS

New and improved tractors and agricultural machines, at the All-Union Agricultural Exhibition. V. V. Michurina. Sovkhoz. proizv. no. 6:66-71 Je '56.

Russian agricultural machines and instruments at exhibitions in Russia. P. I. Minin. Trudy Inst. ist. est. i tekh. 8:230-248 '56.

AGRICULTURAL MACHINERY—REPAIRING

In a progressive workshop. A. Abramichev. MTS 16 no. 5:43 My '56.

Lowering the cost of repairing machine and tractor station equipment. A. B. Ostankov, H. O. Oraievs'ka. Mekh. sil'. hosp. 7 no. 9:12-13 S '56.

The right way of filling out the repair sheet. I. S. Herdzenko. Mekh. sil'. hosp. 7 no. 1:32-3 of cover Ja '56.

[Series on repairing tractors, agricultural machinery, and trucks.] Remont traktorov, sel'khozmashin i avtomobilei nos. 8, 10 Ag-O '56.

[Series on repairing tractors, agricultural machinery, and trucks.] Remont traktorov, sel'khozmashin i avtomobilei no. 9 S '56.

AGRICULTURAL MACHINERY—SAFETY APPLIANCES

Safety measures in operating tractor-driven machinery. A. Kalinovskii. MTS 16 no. 5:28 My '56.

AGRICULTURAL MACHINERY INDUSTRY see subdivision under Peiping

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL MUSEUMS see subdivision under Moscow

AGRICULTURAL PESTS

A biology department's research on a collective farm. L. A. Zelenova. Vest. vys. shkoly 14 no. 8:35-37 Ag '56.

AGRICULTURAL PESTS—EXTERMINATION see subdivision under China

AGRICULTURAL POLICY
(see also subdivision under Ukraine)

Agriculture in the sixth five-year plan. V. Bondarenko. Sots. kul't. 10 no. 6:3-5 Ag '56.

Five-year plan of a collective farm. N. Lokhmatov. Nauka i zhizn' 23 no. 6:33-36 Je '56.

For a successful fulfillment of the sixth five-year plan in agriculture. P. Lobanov. Kolkh. proizv. 16 no. 6:2-4 Je '56.

For more extensive application of scientific achievements and advanced practices. Sakh. svekl. no. 3:1-5 My '56.

Fulfill the tasks of the sixth five-year plan ahead of time. Kolkh. proizv. 16 no. 5:1-2 My '56.

New methods of agricultural planning in action. M. S. Levin, H. K. Ivashkevych. Mekh. sil'. hosp. 7 no. 1:11-12 Ja '56.

Urgent tasks of state farm production. I. Benediktov. Sots. sel'khoz. 27 no. 5:16-27 '56.

AGRICULTURAL RESEARCH
(see also subdivision under Azerbaijan; Kazakhstan; Korea, North; Moldavia; Ukraine)

Achievements of agricultural science in the people's democracies. Kolkh. proizv. 16 no. 6:21-22 Je '56.

Contribution of science to production. Nauka i pered. op. v sel'khoz. no. 6:46-47 Je '56.

The direction of research in the sixth five-year plan. S. G. Petrov, M. S. Kalinin. Vest. vys. shkoly 14 no. 8: 22-27 Ag '56.

For progressive agricultural science. Sel'khoz. Povol. no. 7:3-5 Jl '56.

Obligations of workers in agricultural science. Nauka i pered. op. v sel'khoz. no. 6:2-3 Je '56.

Raise agricultural science to the level of the new tasks. Pitisevodstvo 6 no. 8:3-7 Ag '56.

AGRICULTURAL RESEARCH (Continued)

Resolutely reorganize the work of scientific agricultural institutions. Sel. i sem. 21 no. 2:3-7 '56.

Tasks for agricultural science in potato growing. A. G. Lorkh. Kartofel' no. 2:10-14 My-Je '56.

AGRICULTURE
(see also subdivision under Azerbaijan; Bashkiria; Bekdash; Bogushevsk District; Caucasus, Northern; China; Chkalov Province; Georgia, Great Britain; Iran; Kazakhstan; Kiev Province; Kirghizistan; Kolomna District; Latvia; Magdalinovka District; Moldavia; Moscow Province; Ordzhonikidzeabad District; Petrovsk District; Polesye; Rumania; Russia, Northeastern; Russia, Northwestern; Siberia, Eastern; Soviet Far East; Ukhtomskiy District; Ukraine; United States; Vinnitsa Province; Volga Valley; Voronezh Province; White Russia; Yaroslavl Province)

Agriculture in mathematics classes; examples of problems S. E. Liapin. Uch. zap. Ped. inst. Gerts. 119:135-150 '56.

Apply the work practices of the participants in the All-Union Agricultural Exhibition. Sovkhoz. proizv. no. 7: 3-7 Jl '56.

At the camp. A. Veresov. Neva no. 6:127-136 Ag '56.

Communist Youth and Pioneer camps on collective farms. Z. L'vov. Nar. obr. no. 6:46-47 Je '56.

Communist Youth camp. A. Glebov. Nar. obr. no. 6:41-45 Je '56.

Dolarenko, A. G. [Agriculture made interesting] Zanimatel'naia agronomiia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 181 p.
(DA)

Fulfillment of the five-year plan in two years. A. Sokur, V. Speranskii. MTS 16 no. 5:4-7 My '56.

Fundamental problems concerning the system of agriculture in the central Chernozem zone. V. P. Balko, P. F. Kotov, I. A. Skachkov. Zemledelie 4 no. 7:14-24 Jl '56.

Give daily and unremitting attention to the procurement of farm products. MTS 16 no. 5:1-3 My '56.

Higher responsibility in fulfilling production plans and delivering products to the State. Sovkhoz. proizv. no. 6:3-6 Ag '56.

Let's fulfill our obligations in the competition. Blok. agit. no. 26:42-45 S '56.

Let's make use of the experience of participants in the All-Union Agricultural Exhibition. I. M. Shcheglevatykh. Sovkhoz. proizv. no. 7:36-39 Jl '56.

Letters from collective farms. Kolkh. proizv. 16 no. 5: 45-46 My '56.

Letters from collective farms. Kolkh. proizv. 16 no. 7: 46-48 Jl '56.

Make full use of potentialities of collective farm production. A. Pinchuk. Sots. sel'khoz. 27 no. 5:43-48 '56.

Mal'tsev, T. S. [Through experience to knowledge] Cherez opyt - v nauku. Izd. 2-oe, ispr. i dop. Kurgan Izd-vo "Krasnyi Kurgan," 1955. 471 p.

Message to Pioneers, students, and young Soviet disciples of Michurin. IUn. nat. no. 1:1-2 Ap '56.

Physics, chemistry, geology, technology, mechanics, mathematics, astronomy, biology, medicine and agriculture; reviews [of foreign literature]. Nov. knigi za rub. 9 no. 6:3-131 Je '56.

Prepare the soil and sow winter crops in time. P. M. Balev. Mosk. kolkh. 5 no. 7:11-12 Jl '56.

Rising sharply. Sov. Soiuz no. 8:5 Ag '56.

Subsidiary farms of homes for invalids. N. Serebrovskaia. Sots. obesp. 17 no. 7:43-44 Jl '56.

We develop all branches of farming. I. N. Orlov. Sel'khoz. Povol. no. 7:67-68 Jl '56.

Workers in the fields. Aleksandr Kazantsev. Novyi mir 32 no. 7:169-183 Jl '56.

AGRICULTURE—ACCIDENTS

Eye injuries in some groups of agricultural workers and its prevention. A. I. Bykova. Oft. zhur. 11 no. 1:21-24 '56.

AGRICULTURE—ACCOUNTING

Problems in planning and accounting for labor productivity in agriculture. B. Braginskii. Plan. khoz. no. 3:56-68 '56.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

All-Union Conference of Agricultural Specialists. Sel. i sem. 21 no. 3:3-5 '56.

All-Union Conference of Workers of Agricultural Science. Sots. sel'khoz. 27 no. 5:3-15 '56.

AGRICULTURE—COSTS

Methods of computing costs and prices of collective farm products [in Azerbaijani with summary in Russian]. A. S. Faradzhev. Dokl. AN Azerb. SSR 12 no. 5: 363-371 '56.

AGRICULTURE—DICTIONARIES

[Agricultural encyclopedia] Sel'skokhoziaistvennaia entsiklopediia. Izd. 3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 5. [T-IA.] 1956. 663 p.

[Collective farm encyclopedia] Kolhospna vyrobnycha entsyklopediia. Vyd. 2-e, perer. i dop. Kyiv, Derzh. vyd-vo sel's'ko-hospodars'koi lit-ry URSR.
Vol. 1. Abrykos - Liutserna. 1956. 756 p.

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Stavropol Territory)

Calculating the cost of collective farm productions. M. Chernovetskii. Vop. ekon. no. 7:115-120 Jl '56.

The cost of collective farm production. S. Dzarasov. Vop. ekon. no. 8:105-113 Ag '56.

Doing away with seasonal labor losses in agriculture. K. Kondrat'ev. Vop. ekon. no. 8:34-44 Ag '56.

Economic estimation of losses due to the inundation of croplands. G. A. Chernyi. Gidr. i mel. 8 no. 6:12-16 Je '56.

Economic training of agricultural specialists. G. Loza. Sots. sel'khoz. 27 no. 5:34-42 '56.

Improve the distribution and use of fixed capital on state farms. D. G. Vasil'ev. Sovkhoz. proizv. no. 6:19-25 Je '56.

In the struggle to lower the cost of production. N. S. Stanislavskii. Sovkhoz. proizv. no. 6:25-29 Je '56.

Increasing production with the least possible amount of labor and means. S. Bykov, I. Kolos. Sovkhoz. proizv. no. 6:33-37 Je '56.

Means for lowering the cost production. G. A. Kurnatovskii, M. I. Shulenin. Nauka i pered. op. v sel'khoz. no. 6:52-54 Je '56.

Study agricultural economics more profoundly. V. Maniakin. Vest. stat. no. 3:18-32 My-Je '56.

Studying the economic efficiency of various sectors of the communal economy of collective farms. G. Kotov. Vop. ekon. no. 8:94-104 Ag '56.

Useful book on land organization ("Theoretical problems in land organization." S. A. Udachin. Reviewed by S. Kolesnev, G. Kuznetsov). Sots. sel'khoz. 27 no. 5: 93-96 '56.

We are increasing the profitableness of our farm. I. S. Shuboderov. Mosk. kolkh. 5 no. 6:29-31 Je '56.

AGRICULTURE—HISTORY see subdivision under Ukraine

AGRICULTURE—PERIODICALS

A review of new periodicals. Nauka i zhizn' 23 no. 8: 60-61 Ag '56.

AGRICULTURE—SAFETY MEASURES

Protection of labor and safety measures during autumn field and repair work. O. F. Krylov. Mekh. sil'. hosp. 7 no. 9:1-2 S '56.

AGRICULTURE—STATISTICS

"National economy of the U.S.S.R."; a collection of statistics. Reviewed by V. I. Popov. Sovkhoz. proizv. no. 7:76-78 Jl '56.

A selective study of labor expended by collective farmers and members of their family in different types of collective farm work. D. Dumnov, V. Sedov. Vest. stat. no. 3:53-58 My-Je '56.

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Kiev; Krasnodar Territory; Mar'ina-Gorka; Tatar A. S. S. R.; Zalgrayevo District)

Agricultural and biological field work for students. A. S. Palamarchuk, N. L. Palamarchuk. Rad. shk. 35 no. 5: 41-44 My '56.

A bad teacher's manual ("Instilling a love for agricultural work in students." S. I. Kisel'gof. Book review). Sov. pedagog. 20 no. 7:120-121 Jl '56.

Experimental work of young naturalists. P. A. Fedorov. Est. v shkole no. 4:77-81 Jl-Ag '56.

Birkina, N. N. [Publicizing agricultural literature in libraries] Propaganda sil'skohospodars'koi literatury v bibliotekakh. Kharkiv, Vyd-vo Khnyzhkovoi palaty URSR, 1954. 77 p.

Familiarizing students with agriculture in the process of teaching botany. M. R. Maldanov. Est. v shkole no. 4: 41-44 Jl-Ag '56.

A production economic conference at an institute. K. F. Novikova, A. S. Kasimov. Vest. vys. shkoly 14 no. 8: 37-38 Ag '56.

Propagation of agricultural science. V. I. Pal'chevskii, S. P. Grozhenko. Vest. vys. shkoly 14 no. 8:32-33 Ag '56.

Students study economics at first hand in production. V. M. Zherebilov, A. N. Kotechenkov. Vest. vys. shkoly 14 no. 8:33-35 Ag '56.

Study and publicize the progressive experience in agricultural production. A. S. Savuta. Sred. spets. obr. no. 8:51-52 Ag '56.

Studying the topic "Crops and their care" from the point of view of applied science instruction. E. IA. TSal. Uch. zap. Ped. inst. Gerts. 119:167-176 '56.

Use of films in laboratory work in agriculture. A. S. Markov. Est. v shkole no. 4:71-76 Jl-Ag '56.

Vocational training of rural school children. I. Fugalevich. Mosk. prop. 13 no. 5:60-62 My '56.

Vorob'ev, S. A., V. E. Egorov, and A. N. Kiselev. [Manual for laboratory work on problems in agriculture] Rukovodstvo k laboratorno-prakticheskim zaniatiiam po zemledeliiu. Izd. 2-oe, perer. Pod red. M. G. Chizhevskogo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 326 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

What the seminar for collective farm managers contributes. I. Samuilov. Komm. Bel. 20 no. 7:32-36 Jl '56.

The young generation. P. Prokof'eva. Kolkh. proizv. 16 no. 7:10-11 Jl '56.

AGRICULTURE—TAXATION

For thorough improvement in the work of financial organs relative to taxes and state deliveries. V. Baboshkin. Fin. SSSR 17 no. 6:14-22 Je '56.

AGRICULTURE, COOPERATIVE see subdivision under Bulgaria; China, Hungary; Rumania, Yugoslavia

AI, CH'ING, 1910-

The poetry of Ai Ching [with English summary in insert]. N. T. Fedorenko. Sov. vostokoved. no. 3:76-90 '56.

AIDS TO NAVIGATION

On Captain P. Vasilevskii's article. G. Pletko. Mor. flot 16 no. 6:14-15 Je '56.

Using course angle grids to define the course and speed of a vessel located by radar. P. Vasilevskii. Mor. flot 16 no. 6:12-13 Je '56.

AINI, SADRIDDIN, 1878-1954

A man with a great heart is dead. Dokl. AN Tadzh. SSR no. 11:5-7 '54.

AIR

Use of gradient observations for the examination of the surface air in the beach zone of a resort. E. M. Il'icheva, IU. N. Shvareva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:27-29 Ap-Je '56.

AIR—ANALYSIS

A device for taking air samples in the respiration zone of industrial workers. I. B. Shagan. Gig. i san. 21 no. 7:51-52 Jl '56.

Using a soluble gelatin foam for analyzing air. D. I. Bel'tsev, B. F. P'iankov. Voen.-med. zhur. no. 6: 81-84 Je '56.

Vainshtein, G. R. [Tetraethyl lead and methods for detecting it in the air] Tetraetillavinets i metody ego opredeleniia v vozdukhe. B[aku], Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Azerbaidzhanskoe otdnie, 1950. 25 p.
[MICROFILM]

AIR—BACTERIOLOGY

New methods of bacteriological analysis of the air. S. S. Rechmenskii. Voen.-med. zhur. no. 9:51-57 S '51.

AIR—POLLUTION

Determination of lead, zinc, and thallium in the air by a spectrographic method. M. S. Bykhovskaia, M. D. Babina. Gig. i san. 21 no. 7:26-30 Jl '56.

Some questions from the work practice of industrial sanitary laboratories in sanitary and epidemiologic stations. G. A. Beilikhis, N. D. Rozova. Gig. i san. 21 no. 7:38-41 Jl '56.

AIR—PURIFICATION

Air disinfection in dressing and operation rooms in surgical hospitals. S. I. Bibergal. Voen.-med. zhur. no. 9:60 S '51.

"Disinfection of air in the hospital for infectious diseases by ultraviolet rays." T. V. Novikova. Reviewed by I. V. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:80-81 Ap-Je '56.

Dust collectors for air purification. A. V. Sholekelin, N. S. Karpushinskii. Metallurg no. 2:26-27 F '56.

AIR BASES, AMERICAN see subdivision under Germany, West; Saudi Arabia; Spain

AIR COMPRESSORS

Defining method for the determination of heat transmission coefficients through casings of isothermal compressors. S. Gimpelevich. Khol. tekh. 33 no. 2:18-23 Ap-Je '56.

The GARO (model 155) compressor. L. Bas, V. Brodskii. Avt. transp. 34 no. 6:14-16 Je '56.

AIR FILTERS

Investigation of tractor air filters. S. A. Shchurov. Avt. i traktor. prom. no. 6: 6-10 Je '56.

Using a soluble gelatin foam for analyzing air. D. I. Bel'tsev, B. F. P'iankov. Voen.-med. zhur. no. 6: 81-84 Je '56.

AIR FORCE see subdivision under Russia

AIR FREIGHT see Aeronautics, Commercial—Freight

AIR LINES

Moscow-Tirana. A. Murachev. Grazhd. av. 13 no. 7: 38-39 Jl '56.

AIR MAIL SERVICE

Twenty-fifth anniversary of delivering matrices by plane. M. Polupinskii. Grazhd. av. 13 no. 6:33 Je '56.

AIR PILOTS

Reorganization of "aviation psychology." M. A. Kudriavtsev. Voen.-med. zhur. no. 9:3-7 S '51.

Some psychological problems in aviation. F. K. Petunin, Sh. K. Gvasaliia. Voen.-med. zhur. no. 9:8-9 S '51.

To be a pilot is a great happiness! L. Kuznetsov. Kryl. rod. 7 no. 6:4-5 Je '56.

AIR PILOTS—CORRESPONDENCE, REMINISCENCES, ETC.
On a battle course (conclusion). Dmitrii Ziuzin. Znamia 26 no.8:115-136 Ag '56.

AIR PILOTS—DISEASES AND HYGIENE see Aeronautics—Medical aspects

AIR PIPES
Improved techniques for air duct installation. V.V. Popov. Sudostroenie 22 no.5:42 My '56.

AIR TURBINES
Some parameters for air turbine installations. D.IA. Aleksapol'skii. Sborn.trud.lab.prob.bystr.mash. 3: 66-78 '53.

AIRPLANE INDUSTRY—ACCOUNTING
Conference on machine accounting in the Ministry of the Aviation Industry. Bukhg.uchet 15 no.7:62-63 Jl '56.

AIRPLANES see subdivision under France; Poland

AIRPLANES—APPARATUS AND SUPPLIES
Self-made revolution indicators. Kryl.rod. 7 no.6:22 Je '56.

AIRPLANES—CREWS see Flight crews

AIRPLANES—DESIGN AND CONSTRUCTION
Stages of creative work. Semen Kanevskii. Ogonek 34 no.26:5-7 Je '56.

AIRPLANES—ENGINES
Blinov, F.T., and V.P.Firago. [Technology of the machining of aircraft engine parts] Tekhnologiia mekhanicheskoi obrabotki detalei aviatsionnykh dvigatelei. Izd. 2-oe, ispr. i dop. Pod red. V.P.Firago. Moskva, Gos. izd-vo obor. promyshl. 1956. 595 p.
A new method in action. N.Morgunenko, N.Panchenko. Grazhd.av. 13 no.6:27-28 Je '56.

AIRPLANES—ENGINES—MODELS
Designing guided high-speed models. I.Sladki. Kryl. rod. 7 no.7:21-22 Jl '56.

AIRPLANES—FUEL
Calculating the number of needed fuel servicing trucks. A.Krasnov. Grazhd.av. 13 no.7:23 Jl '56.

AIRPLANES—JET PROPULSION
Gil'zin, K.A. [Air jet engines] Vozdushnoreaktivnye dvigateli. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 169 p. (Nauchno-populiarnaia biblioteka soldata i matrosa)
[MICROFILM]

AIRPLANES—LANDING GEAR
Dlandov, P.I. [Problems in designing the airplane landing gear] Nekotorye voprosy proektirovaniia shassi samoleta. Moskva, Gos. izd-vo obor. promyshl., 1956. 70 p. (Moscow. Aviatsionnyi institut. Trudy, no.50)

AIRPLANES—MAINTENANCE AND REPAIR
Against avoidance of responsibility in deciding technical problems. G.Karnaukhov. Grazhd.av. 13 no.7:20 Jl '56.
Anniversary of aircraft repair enterprises. Grazhd.av. 13 no.6:31 Je '56.
Determining the minimum time for repairing airplanes. N.Smirnov. Grazhd.av. 13 no.7:31-32 Jl '56.
Liquids for washing airplanes. K.Krylov, L.Karmanova, S.Berenson. Grazhd.av. 13 no.7:22 Jl '56.
Make skillful use of aeronautical equipment. S.Prokof'ev. Kryl.rod. 7 no.6:12 Je '56.
Readers suggest. Grazhd.av. 13 no.7:16 Jl '56.
When the Party office pays little attention to the economy of production. A.Vasilenko. Grazhd.av. 13 no.7:24-25 Jl '56.

AIRPLANES—MODELS
Anokhin, P.L. [Flying models made of paper] Bumazhnye letaiushchie modeli. Moskva, Izd-vo DOSAAF, 1956. 110 p.
[MICROFILM]
Diagrams of foreign sports airplanes. Kryl.rod. 7 no. 7:insert Jl '56.
How to avoid the bending of wings. V.Es'kov. Kryl.rod. 7 no.7:7 Jl '56.
Wheels made of porous rubber. Kryl.rod. 7 no.7:13 Jl '56.

AIRPLANES—PILOTING
Flight into a thunderstorm. G.Benkunskii. Grazhd.av. 13 no.6:10-12 Je '56.
Important "details" in the organization of flights without engineers. P.Makhan'kov, P.Amatuni. Grazhd.av. 13 no.6:24-26 Je '56.
Standard high-precision turn. B.Rodionov. Grazhd.av. 13 no.5:30-32 My '56.

AIRPLANES—RADIO EQUIPMENT
For an exact coordination between ground and air. S.Makarenko. Grazhd.av. 13 no.5:29 My '56.
Radio equipment of "Kometa-2" airplane. I.Vereshchagin. Grazhd.av. 13 no.6:37-38 Je '56.

AIRPLANES—TESTING
Test pilots. V.Gol'tsov. Grazhd.av. 13 no.7:8-9 Jl '56.

AIRPLANES—TURBOJET ENGINES
Construction of turbojet engines. K.Alekseev. Grazhd. av. 13 no.5:23-25 My '56.

AIRPLANES—WINGS
Design of wing shapes for high subsonic speeds. A.N. Sherstiuk. Izv.AN SSSR,Otd.tekh.nauk no.8:125-127 Ag '56.
Obrazisov, I.F. [Design of multicell-type shell for sweptback wings based on the theory of V.Z.Vlasov] Raschet obolochek tipa kessona strelovidnogo kryla na osnove teorii V.Z.Vlasova. Moskva, Gos.izd-vo obor.promyshl., 1956. 46 p. (Moscow. Aviatsionnyi institut. Trudy, no.59)

AIRPLANES, JET-PROPELLED see Jet planes

AIRPORTS—RUNWAYS
Controlling vegetation in cracks of airport runways. A.Ershova. Grazhd.av. 13 no.5:29 My '56.

AIVAZOVSKII, IVAN KONSTANTINOVICH, 1817-1900
Bard of the sea. M.Faktorovych. Ukraina no.13:16 Jl '56.

AK-DARYA DISTRICT—RED CROSS
President of a Red Crescent district committee. G.Bolarinov. Sov.kras.krest 6 no.3:6 My-Je '56.

AKHUNDOV, M.F. see Fath 'Alī, Ākhūnd-Zāda, 1812-1878

AKHUNDOV, SHULEIMAN SANI
New edition of "Cinderella." V.Kafarov, V.Portnov. Lit.Azerb. 14 no.6:78-80 Ag '56.

AKMOLINSK DISTRICT—ANTIQUITIES
The Ishim site. S.V.Kol'tsov. Trudy Inst.ist., arkheol. i etn.AN Kazakh.SSR 1:266-267 '55.

AKMOLINSK PROVINCE—AGRICULTURE
Kol'tsov, S., and I.Tinguchev. [Akmolinsk Province, a participant in the all-Union Agricultural Exhibition] Akmolinskaia oblast' - uchastnitsa Vsesoiuznoi sel'skokhoziaistvennoi vystavki. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 34 p.
(DS)

AKMOLINSK PROVINCE—STATE FARMS
Building state farms on virgin lands. A.Belov. Vop. ekon. no.7:59-66 Jl '56.

AKOEV, VLADIMIR, 1831-
One among many others. N.Kozhukhov. Fizk.i sport 26 no.7:7 '56.

AKOPIAN, AKOP, 1866-1937
The fiery Akopian; on his 90th birthday. S.Evgenov. Ogonek 34 no.24:15 Je '56.

AKSAI
"Your son is in good health again." Ir.Il'icheva. Ogonek 34 no.37:13 S '56.

AKSAMITOV, VASILII POLIKARPOVICH
Singer of his native region. V.Vukolov. Neva no.7:191 Jl '56.

AKSTAFA HYDROELECTRIC POWER STATION
Blue constellation of the Kura. I.Moskht. Ogonek 34 no.31:21 Jl '56.

AKULENKO, P.
Songs by P.Akulenko. Sov.muz. 20 no.7:102-103 Jl '56.

ALANINE
Some reactions of β-(α-naphthyl)-β-alanine and N-methyl-β-(α-naphthyl)-β-alanine. V.M.Rodionov, L.V.Antik. Izv.AN SSSR,Otd.khim.nauk no.5:578-582 My '56.

ALBANIA—BOTANY
Flora and fauna of Albania. Mustafa Demiri, Il'ia Mitrushi. Priroda 45 no.8:71-80 Ag '56.

ALBANIA—COMMUNITY CENTERS
Club of Albanian petroleum industry workers. R.Sirel'nikov. Klub 6 no.8:13-14 Ag '56.
In the rural clubs of Albania. A.Tkachenko. Kul't.-pros. rab. 17 no.8:51-54 Ag '56.

ALBANIA—ECONOMIC CONDITIONS
Albania on the path of independent socialist development. D.Klimov. Mezhdunar.zhizn' no.7:80-86 Jl '56.

ALBANIA—HISTORY
National liberation movement of the Albanian people at the beginning of the 20th century. I.G.Senkevich. Vop.ist. no.6:48-57 Je '56.

ALBANIA—LEGISLATION
Development of legislation in the Albanian People's Republic. Riza Tafahani. Sov.gos.i pravo no.5:68-78 '56.

ALBANIA—PUBLIC HEALTH
Beneficial to the health of the Albanian people. Mane Nishova. Sov.kras.krest 6 no.3:26 My-Je '56.

ALBANIA—ZOOLOGY
Flora and fauna of Albania. Mustafa Demiri, Il'ia Mitrushi. Priroda 45 no.8:71-80 Ag '56.

ALBANIAN FOLKSONGS see Folksongs, Albanian

ALBITE
Occurrence of albite in gold-bearing quartz bodies. I.V. Firsov. Zap.Vses.min.ob-va 85 no.2:238-242 '56.

ALBOMYCIN
Reaction of albamycin with iron. M.Ts.Brazhnikova, N.N.Lomakina, M.K.Kudinova. Dokl.AN SSSR 109 no.4:677-679 Je '56.

ALBUMIN
Changes in the antigenic specificity of egg albumin during denaturation. O.V.Lobacheva'kaia. Ukr.biokhim.zhur. 23 no.4:416-428 '51.
Effect of X-ray irradiation and heat on the capacity of egg albumin to form complex compounds with glycogen. E.L.Rozenfel'd, E.G.Plyshevskaia. Biofizika 1 no.2:143-145 '56.
Electronoscopic investigation of the macromolecular structure of serum albumins and globulins. G.M. Mathoroda. Biofizika 1 no.2:170-173 '56.

ALCOHOL
State of the manufacture of unsaturated gaseous hydrocarbons and the synthesis of ethyl alcohol by direct hydration of ethylene. M.A.Ilatin. Khim.nauka i prom. 1 no.3:259-272 '56.

ALCOHOLISM
That we must remember. A.V.Alekseev. Rab.i sial. 32 no.6:22-23 Je '56.

ALCOHOLISM AND CRIME
How this happened. O.Bychkov. Mol.kolkh. 23 no.6: 30 Je '56.

ALCOHOLS
Polarization of alcohols in nonpolar solvents (with English summary in insert). A.M.Evarev. Zhur.fiz.khim. 30 no.5:1067-1074 My '56.
Synthesis of higher alcohols of the fatty series by direct oxidation of paraffins. A.N.Bashkirov. Khim.nauka i prom. 1 no.3:273-281 '56.

ALDEHYDES
Kinetics of the condensation of oxybenzoic aldehydes with hydroxylamine and phenylhydrazine hydrochlorides in aqueous alcohol solutions (with English summary in insert). D.G.Knorre. Zhur.fiz.khim. 30 no.4:753-762 Ap '56.
Research in the field of cyclic acetals. Part 1. Condensation of styrene and of its homologs with aldehydes in presence of hydrochloric acid and reactions of 4-phenyl-1,3-dioxane with $SOCl_2$, PCl and with fatty acids. N.V.Shorygina. Zhur.ob.khim. 26 no.5:1460-1465 My '56.

ALDER
Physical and mechanical properties of the wood of Caucasian alder. Z.A.Novruzova. Trudy Inst.genet. AN Azerb.SSR 3:91-100 '55.

ALDOLASE
Activity of aldolase and the heterohemagglutination reaction in Botkin's disease. E.I.Nazarenko, V.A. Anan'ev, E.N.Pazenkova. Sov.med. 20 no.5:66-71 My '56.
Effect of ultraviolet radiation on some enzymatic processes. M.A.Kolomiichenko. Ukr.biokhim.zhur. 28 no.2:164-170 '56.

ALEKHIN, ALEKSANDR ALEKSANDROVICH, 1892-1946
Invincible champion. A.Kotov. Mol.kolkh. 23 no.6:28 Je '56.

ALEKSANDROV—HISTORY
The fort in the Aleksandrov suburb during the time of Ivan IV. O.A.IAkovleva. Trudy Inst.ist.sut.i tekh. 7:164-177 '56.

ALEKSEEV, B.
B.Alekseev as Perchikhin. Teatr 17 no.7:153-154 Jl '56.

ALEKSEI, Archpriest, 1676-
Anniversary of a servant of the Church. Zhur.Mosk. Patr. no.5:8 My '56.

ALFALFA
(see also subdivision under Armenia; Kirghizistan)
Determining the irrigation requirements of seed alfalfa. V.Golodkovskii, Kh.Axlmov. Khlopkovodstvo 6 no.7: 34-36 Jl '56.
Effect of fertilizers and methods of sowing on the yield of alfalfa seeds. T.A.Krushilin. Sel'khoz.Povol. no.6:30 Je '56.

ALGAE
(see also subdivision under Barents Sea, Black Sea, Palesye; White Sea)
Spectral investigation of the state of chlorophyll in the red alga Phyllophora. A.A.Krasnovskii, E.A.Nesterova-skaia, A.B.Gol'denberg. Biofizika 1 no.4:328-333 '56.

ALGEBRA—STUDY AND TEACHING

The subject "powers and radicals in class 8." P. A. Larichev. Mat. v shkole no. 4:11-16 Jl-Ag '56.

ALGEBRA, ABSTRACT

Representations of simple Lie algebras by two-dimensional maximal solvable subalgebras. V. T. Simonits. Soob. AN Gruz. SSR 17 no. 5:393-400 '56.

ALGEBRAIC FIELDS see Fields, Algebraic

ALGERIA—POLITICS AND GOVERNMENT

International significance of the Algerian problem. Pierre Cot. V zashch. mira no. 62/63:1-11 Jl-Ag '56.

Statement of the World Federation of Trade Unions concerning the situation in Algeria. Vestn. prof. dvizh. no. 6:insert:6 Je '56.

Vicious circle in Algeria. Claude Morgan. V zashch. mira no. 60:13-14 My '56.

ALGERIA—SOCIAL CONDITIONS

I am writing from Algeria. Madeleine Riffaud. Translated from the French. Rabotnitsa 34 no. 8:21-23 Ag '56.

ALGINIC ACID

Freezing fish in an alginate solution. E. G. Pavlov. Ryb. khoz. 32 no. 6:73 Je '56.

ALGORISM

Algorithms and the mechanical solution of problems. B. A. Trakhtenbrot. Mat. v shkole no. 4:5-10 Jl-Ag '56.

ALIMENTARY CANAL

Motor function of the gastrointestinal tract in radiation sickness. A. N. Kornilov. Voen.-med. zhur. no. 3:19-25 Mr '56.

ALIMENTARY CANAL—DISEASES

Oxidation-reduction processes in the intestines of young children in gastrointestinal diseases. T. A. Barnikol. Pediatriia 30 no. 3:80-87 My-Je '56.

ALKALI LANDS see subdivision under Soviet Central Asia

ALKALINE EARTHS

Effect of the position of elements in Mendeleev's periodic system on the catalytic activity of binary compounds of metals from the second group with nonmetals. Part 1. Catalytic decomposition of isopropyl alcohol on alkaline earth oxides. O. V. Krylov, S. Z. Roginskii, E. A. Fokina. Izv. AN SSSR. Otd. khim. nauk no. 6:660-675 Je '56.

ALKALOIDS

Alkaloids of the club mosses. IA. IA. Mushinskii. Apt. delo 5 no. 4:22-25 Jl-Ag '56.

Effect of Rauwolfia serpentina alkaloids on autonomic reflexes. N. V. Kaverina, E. S. Milovidova. Farm. i toks. 19 no. 3:30-42 My-Je '56.

Experience in using alstin in mental clinics. M. P. Surkova. Farm. i toks. 19 no. 3:48-51 My-Je '56.

Pharmacological study of an alkaloid extracted from the roots of Aniseden luridus. N. N. Vysotskaia. Farm. i toks. 19 no. 3:52-53 My-Je '56.

Pharmacology of alkaloids of Delphinium elatum (elatin and eldelin) P. M. Dozortseva. Farm. i toks. 19 no. 3:42-48 My-Je '56.

Quantitative determination of alkaloids in the leaves of Himalayan aconolin. E. S. Grimaeva, A. S. Prozorovskii. Apt. delo 5 no. 4:25-29 Jl-Ag '56.

ALKYLATION

Alkylation of benzene with polyhalo derivatives in presence of metallic aluminum. K. I. Porshakova, N. G. Shilnova, I. P. Tsukervanik. Zhur. ob. khim. 26 no. 5: 1375-1376 My '56.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLANITE

Optical orientation of allanite. N. S. Vartanova, V. V. Zolotukhin. Min. sbor. no. 9:31-37 '55.

ALLERGY

ACTH therapy in a case of severe drug hypersensitivity. A. I. Entin, IU. I. Rafes. Sov. med. 20 no. 5:84-85 My '56.

Diffuse myocarditis as a symptom of medicinal hypersensitivity. V. V. Sura, V. P. Sokolova, P. F. Kalitseva-skii. Sov. med. 20 no. 5:45-49 My '56.

Effect of an allergic reaction on the course of pregnancy in animals. IA. A. Dul'tsin. Biul. eksp. biol. med. 42 no. 7:30-33 Jl '56.

Role of the allergy factor in the development and course of experimental renal hypertension. V. A. Lostev. Fiziol. zhur. [Ukr.] 1 no. 3:72-77 Mr-Ap '55.

ALLOXAN

Alloxan anemia. V. I. Teterina. Biul. eksp. biol. med. 41 no. 6:27-30 Je '56.

ALLOYS

Additivity of mechanical properties of metal mixtures-alloys. E. M. Savitskii, V. V. Baron. Izv. Sekt. fiz.-khim. anal. 27:86-96 '56.

Determination of admixtures in alloys and amalgams by means of amalgam polarography. A. G. Stromberg, A. A. Pyshkina. Trudy Kom. anal. khim. 7:136-141 '56

Determining the activation energy of diffusion processes. M. A. Krichtal. Fiz. met. i metalloved. 2 no. 2:303-309 '56.

Electrodeposition of alloys. Part 2. Investigation of the shift in the ionic discharge potentials during alloy formation (with English summary in insert). II. M. Polukarov, K. M. Gorbunova. Zhur. fiz. khim. 30 no. 4:871-877 Ap '56.

Electrodeposition of alloys. Part 3. Conditions for nearing of metal deposition potentials at the expense of alloying energy (with English summary in insert). II. M. Polukarov, K. M. Gorbunova. Zhur. fiz. khim. 30 no. 4 878-881 Ap '56.

ALLOYS—ANALYSIS

Chemical determination of minimum admixtures of zinc, copper and titanium in hard alloys. Z. I. Kandakova [Trudy]MVTU no. 36:30-36 '55.

ALLOYS—METALLOGRAPHY

Investigating boron and carbon diffusion in some metals of the transition groups. G. V. Samsonov, V. P. Latysheva. Fiz. met. i metalloved. 2 no. 2:309-319 '56

ALLUVIUM

Dibbin, IU. A. [Principles of the geology of alluvial deposits] Osnovy geologii rossypei. Izd. 3-e. Moskva, Izd-vo Akademii nauk SSSR, 1956. 403 p.

ALMA-ATA—BOTANY

Planetary institute. G. Tiklov. Nova no. 6:108 Je '56.

ALMA-ATA—BRONZE AGE

Bronze age tools accidentally discovered in the environs of Alma-Ata. A. Dzhumapov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:261-263 '56.

ALMA ATA—DESCRIPTION

An aerial excursion. O. G. Rutkovskii. Geog. v shkole 19 no. 3:52-54 My-Je '56.

ALMANDITE see subdivision under Transcarpathia

ALPHA RAYS

Decomposition of plutonium oxalates under the effect of intrinsic alpha-ray emission. V. V. Fomin, E. L. Kartashova, T. I. Rudenko, Atom. energ. no. 3:127-133 '56.

ALPINE FLORA see subdivision under Pamirs

ALSACE, FRANCE—POLITICS AND GOVERNMENT

Among Atlantic friends. Nov. vrem. 14 no. 32:18 Ag '56.

ALTAI—IRRIGATION

Using highly productive irrigation methods in the Aleyskaya Steppe (Altai). F. D. Belashtenov. Gidr. i mel. 8 no. 7:13-17 Jl '56.

ALTAI (SHIP)

Our experience in the technical operation of vessels of the "Ilet" type. S. A. Tikhnov, N. I. Fomin. Rech. transp. 15 no. 6:8-9 Je '56.

ALTAI MOUNTAINS—GEOLOGY

Unconsolidated deposits and the history of relief formation of the western Altai. M. F. Ivasen. Izv. Vses. geog. ob-va 88 no. 3:251-261 My-Je '56.

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Paleozoic strata of southwestern Altai. L. N. Bel'kova, V. N. Ognev. Mat. VSEGEI no. 8:65-84 '55.

ALTAI MOUNTAINS—GYPSY MOTH

Distribution of gypsy moth (Porthetria dospar L.) Gospodarstva in the Gornyy Altai [with English summary in insert]. V. I. Benkevich. Zool. zhur. 35 no. 7:1013-1018 Jl '56.

ALTAI MOUNTAINS—MUSK DEER

Data on the ecology of musk deer in the northeastern Altai [with English summary in insert]. F. D. Shaposhnikov. Zool. zhur. 35 no. 7:1084-1093 Jl '56.

ALTAI MOUNTAINS—PHYLLOPODA, FOSSIL

Significance of Phyllopods in the stratigraphy of Devonian deposits of intermontane depressions in the Sayan-Altai folded region. V. S. Meleshchenko, N. I. Novozhilov. Mat. VSEGEI no. 9:120-126 '55.

ALTAI MOUNTAINS—TOURISM

Tourists visit the Altai Mountains. V. Andreev. Fizk. i sport 28 no. 7:24-25 '56.

ALTAI MOUNTAINS—URANIUM

Geochemistry of uranium in granitoids of the Chernova Range (Gorno Altai). L. V. Tauson. Geokhimiia no. 3: 9-17 '56.

ALTAI TERRITORY—BUILDING

Construction on an Altai collective farm. P. Lipkin. Sel'. stroi. 11 no. 7:8 Jl '56.

ALTAI TERRITORY—COLLECTIVE FARMS

Three men in a district. V. Golovinskii. Mol. komm. 14 no. 7:37-43 Jl '56.

ALTAI TERRITORY—DESCRIPTION AND TRAVEL

Kambalov, N. A. [Interesting places in the Altai Territory] Po interesnym mestam Altaiskogo kraia. Izd. 3-e, ispr. i dop. Barnaul, Altaiskoe knizh. izd-vo, 1956. 131 p.

[MD 10:4:21:9]

ALTAI TERRITORY—JOURNALISM, AGRICULTURAL

On the wastelands of the Altai. S. Chesnokov. Sel'. stroi. no. 6 Insert Ap '56.

ALTAI TERRITORY—Q FEVER

Detection of Q fever among wild animals [in the Altai Territory region] S. A. Velikanov, I. R. Kyrgis-Zade [abstracter], epid. i mikrobiol. 27 no. 5:17-22 My '56.

ALTAI TERRITORY—RECLAMATION OF LANDS

With the Agricultural delegation in the Altai. [Interview with Nikolai Ivanovich Nikolaev, agronomist] 15 no. 1:120-124 Ja '56.

ALTAI TERRITORY—VILLAGE

Time for plowing up grass in the forest-steppe regions of Altai Territory. I. V. Horbovskii, I. S. Kolesnikov, Zemledelie 4 no. 2:50-52 Jl '56.

ALTITUDE, INFLUENCE OF

Effect of a prolonged stay at high elevations on the development of organs in man. S. S. Bagdasarova, Vrach. delo no. 5:11-20 My '56.

ALUMINA

Hydrosol of aluminum hydroxide. 3. The influence of medium chloride and ethyl alcohol on the thixotropic gelation of sols (with English summary in insert). E. N. Rotinskii. Koll. zhur. 18 no. 3:333-338 My-Je '56.

ALUMINATES

Cathodoluminescence of synthetic silicates and aluminates. P. P. Bolotkov, M. I. Ilkaev. Dokl. AN SSSR 109 no. 4:743-746 '48.

ALUMINUM

Khatunov, B. N. [The manufacture of aluminum and its alloys] Vidy vtorichnogo alliuminievogo syr'ia. Moskva, Gos. nauch.-tekhn. izd-vo lit. po chernoi i tsvetnoi metallurgii, 1956. 176 p.

Ultrasonic soldering of aluminum. V. Gregglen. Mash. i instr. no. 7:37-38 Jl '56.

ALUMINUM—ELECTROMETALLURGY

Heat balance in aluminum baths. I. M. Kagan, A. S. Edigarian. Tsvet. met. 29 no. 6:56-60 Je '56

New pneumatic mechanism for the extraction of electrolyte anodes. V. I. Kovalev. Tsvet. met. 29 no. 6:61-62 Je '56.

Study of the anodic process in an aluminum bath. [Review] Antipin, A. N. Kholkin. Obzor. prak. stati. Ser. tsvet. stali. no. 7:9-14 Je '56.

ALUMINUM—WELDING

Russo, V. I. [The welding of aluminum and its alloys] Svarka alliuminiia i ego splavov. Leningrad, Sudpromgiz izd-vo sudostroit. promyshl., 1956. 150 p.

ALUMINUM, STRUCTURAL

Using aluminum in prefabricated construction. Stroi. i arkh. prom. 4 no. 1:24 Ja '56

ALUMINUM ALLOYS

Hardening of aluminum and magnesium alloys with ternary metallic compounds. N. K. Voi'. Izv. Sekt. fiz.-khim. anal. 27:227-234 '56.

Photoelectrochemistry of determination of copper in aluminum alloys by means of hydroxyquinoline acid. I. V. Tananaev, Kh. IA. Levitman. Zavod. lab. 22 no. 8:913-916 '56.

Repairing machine parts by means of aluminum alloys. M. P. Ilo. Mekh. stal. kuzn. 7 no. 8:24-25 Ag '56

ALUMINUM BROMIDE

Dielectric properties of aluminum bromide solutions in certain organic substances. I. A. Sheka. Zhur. ob. khim. 26 no. 5:1340-1350 My '56.

Using a mixture of aluminum chloride and aluminum bromide as a heat-transfer agent. V. A. Kokin. Teploenergetika 3 no. 7:37-38 Jl '56.

ALUMINUM CHLORIDE

Using a mixture of aluminum chloride and aluminum bromide as a heat-transfer agent. V. A. Kokin. Teploenergetika 3 no. 7:35-38 Jl '56.

ALUMINUM CRYSTALS

Growing fixed-orientation aluminum single crystals from melts. D. E. Ovsienko, G. I. Semenova. Fiz. met. i metalloved. 2 no. 2:273-276 '56.

ALUMINUM HALIDES

Disclosure of the tetrahydrofuran cycle with aluminum halides. N. I. Shuikin, I. F. Bel'skii. Izv. AN SSSR. Otd. khim. nauk no. 6:747-748 Je '56.

ALUMINUM HYDROXIDE

Thermostable variety of aluminum hydroxide. I. V. Kratov. Dokl. AN SSSR 109 no. 2:283-285 My '56.

ALUMINUM INDUSTRY

Automatic current stabilization in electrolysis. B. I. Shindel'man. Prom. energ. 11 no. 6:13-14 Je '56.

ALUMINUM INDUSTRY (Continued)

The $CO^2$ content in anodic gases as a method of checking the electrolytic process of alumina-cryolite smelting. G. V. Forsblom, R. A. Sandler. TSvet. met. 29 no. 6: 47-50 Je '56.

Epshtein, A.M. [The electrolysis worker of aluminum plants] Elektrolizник alyuminievykh zavodov. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 235 p.

Etching of aluminum products by alkali and plant control for this operation. M. N. Rozov, T. A. Trainina. Zhur. prikl. khim. 29 no. 6:899-908 Je '56.

ALUMINUM INDUSTRY—EQUIPMENT AND SUPPLIES

Electrical operating conditions of electrolytic cells in aluminum plants. S. M. Meshcheriakov. Prom. energ. 11 no. 6:14-16 Je '56.

ALUMINUM INDUSTRY—HYGIENIC ASPECTS

Evaluation of the effectiveness of protective metallized clothing in the electrolysis shop of an aluminum factory. E. V. Gotlib. Gig. i san. 21 no. 7:48-51 Jl '56.

ALUMINUM-NICKEL-IRON ALLOYS see Iron-nickel-aluminum alloys

ALUMINUM OXIDES

Dissociation energy of AlO. I. V. Veits, L. V. Gurvich. Dokl. AN SSSR 108 no. 4:659-661 Je '56.

ALUMINUM SILICATES

Determination of the acidity of aluminosilicates by the carbonate process. K. G. Miesserov. Zhur. prikl. khim. 29 no. 6:851-855 Je '56.

ALUMINUM SILICATES—ANALYSIS

Spectral determination of iron and magnesium in aluminum silicates. S. N. Aleksandrov, IA. E. Shmuliakovskii, G. P. Malakhova. Khim. i tekh. topl. no. 6:55-57 Je '56.

ALUMINUM-SILVER ALLOYS

Radioactive isotope study of internal adsorption phenomena at the Al-Ag alloy grain boundaries. V. I. Arkharov, A. F. Gorasimov, P. L. Gruzin. Fiz. met. i metalloved. 2 no. 2:294-302 '56.

ALUMINUM SULFATE

Aluminum sulfate as an accelerator for setting and hardening non-autoclave foam concrete. L. M. Rozenfel'd. Rats. i izobr. predl. v stroi. no. 137:28-30 '56.

AMALGAMS

Determination of admixtures in alloys and amalgams by means of amalgam polarography. A. G. Stromberg, A. A. Pyshkina. Trudy Kom. anal. khim. 7:136-141 '56.

Potentials of zinc, cadmium, lead, tin, and bismuth amalgams during their titration. V. A. TSimmergakl, R. S. Khaimovich. Ukr. khim. zhur. 17 no. 1:103-117 '51.

AMANGEL'DY DISTRICT—STONE AGE

Neolithic discoveries in the region of Baykonur and the Tamdy River. V. F. Petrun'. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:172-181 '56.

AMATEUR ART ACTIVITIES

(see also subdivision under Kazanskoye District, Kharkov Province; Kiev; Kirov Province; Liman District; Moscow; Odessa; Oliyan' (Kursk Province); Poiping; Poltava; Poranaysk, Riga, Sumy, Tiukalinsk)

Amateur art activities. Sov. Soiuz no. 4:20 Ap '56.

Children from Lev Tolstoi street. I. Sevast'ianov. Vozhatyi 32 no. 7:25 Jl '56.

Don't bury your talents. Nik. Smirnov-Sokol'skii. Mol. kolkh. 23 no. 7:12 Jl '56.

Satisfy cultural needs of workers more completely. Z. Irzhavs'kyi. Sots. kul't. 9 no. 6:22 Je '56.

Thoughts on the repertoire. A. Zhukov. Kul't.-pros. rab. 17 no. 7:15 Jl '56.

To virgin land regions. Kul't.-pros. rab. 17 no. 7:30 Jl '56.

AMATEUR MOTION PICTURES

The first motion picture. B. Golman, I. Gorbunov. Sov. Soiuz no. 4:26-27 Ap '56.

AMATEUR THEATRICALS

(see also subdivision under Chkalov; Dymer District; Kulyab Province; Leningrad; Moscow; Novyye Cheremyshki)

Great and effective force. M L'vov. Klub 6 no. 8: 23-24 Ag '56.

"Second step." Teatr 17 no. 7:174 Jl '56.

AMBARY HEMP see subdivision under Chuya Valley

AMERICAN JOURNALISTS see Journalists, American

AMERICAN LITERATURE—HISTORY AND CRITICISM

More about reciprocity. Novyi mir 32 no. 6:212-214 Je '56.

AMERICAN LITERATURE—TRANSLATIONS INTO RUSSIAN

This was not what Fast wanted. N. I. Novyi mir 32 no. 7:281-282 Jl '56.

AMERICAN MILITARY BASES see subdivision 'Military bases' under Iceland; Okinawa

AMERICAN NATIONAL CHARACTERISTICS see National characteristics, American

AMERICAN NEWSPAPERS

A "seditious" newspaper in the U. S. A. Cedric Belfrage. Sov. pech. no. 7:44-48 Jl '56.

Veracity or verisimilitude. Daniil Kraminov. V zashch. mira no. 62/63:21-25 Jl-Ag '56.

AMERICAN PERIODICALS

The editor of the "Progressive Magazine" visited us. Neva no. 6:190 Je '56.

AMETHYSTS see subdivision under Volhynia

AMINES

Interaction of butyl alcohol with certain aromatic amines. B. M. Krasovitskii, E. I. Vail', O. M. Savchenko. Ukr. khim. zhur. 22 no. 3:330-335 '56.

AMINO ACIDS

Amino acid content of aerial roots of corn [with English summary in insert]. V. P. Dadykin, Z. S. Igumnova. Fiziol. rast. 3 no. 3:259-262 My-Je '56.

Change in the composition of sulfur-containing amino acids added to preserved blood and the effect of their addition on the duration of the preservation of blood. M. B. Sventsitskaia. Vop. med. khim. 2 no. 1:54-58 Ja-F '56.

Multicolored appearance of amino acids in paper chromatograms. A. N. Bolarkin. Fiziol. rast. 3 no. 4:381-386 Jl-Ag '56.

Oxidation of amino acids in the presence of tannic substances and polyphenoloxidase of tea [with English summary in insert]. V. R. Popov. Biokhimiia 21 no. 3:380-384 My-Je '56.

Reduction of $\beta$-amino acids by lithium aluminum hydride. V. M. Rodionov, V. V. Kisileva. Izv. AN SSSR, Otd. khim. nauk no. 5:575-577 My '56.

AMINO ACIDS—THERAPEUTIC USE

Use of amino acids in the treatment of acute poliomyelitis. E. M. Nazarova and others. Vop. okh. mat. i det. 1 no. 1:37-43 Ja-F '56.

AMMIANUS MARCELLINUS

"The historical work of Ammianus Marcellinus" [in English]. E. A. Thompson. Reviewed by S. V. Poliakova. Viz. vrem. 9:290-300 '56.

AMMONIA

Ruting Subbotin's method for determining ammonia. G. M. Eglazarov. Voen.-med. zhur. no. 6:87 Je '51.

Research in the field of compounds containing a three-membered oxidic ring. Part 16. Study of the interaction of ammonia with esters of glycidic acids. V. F. Martynov, Zh. D. Vasiutina, L. P. Nikulina. Zhur. ob. khim. 26 no. 5:1405-1413 My '56.

AMMONIUM CHLORIDE

Thermochemistry of aqueous electrolyte solutions. Part 4. Thermochemistry of aqueous solutions of ammonium chloride. K. P. Mishchenko, A. M. Ponomareva. Zhur. ob. khim. 26 no. 5:1206-1210 My '56.

AMMONIUM COMPOUNDS—PHYSIOLOGICAL EFFECT

Comparative effect of a new synthetic derivative of pentamethonium on ganglionic synapses. M. L. Tarakhova'kyi, T. L. Nova'ka. Fiziol. zhur. [Ukr.] 1 no. 2: 15-20 Mr-Ap '55.

AMMONIUM COMPOUNDS, SUBSTITUTED

Ganglioplytic and hypotensive properties of 1, 6-hexamethylene-bis(trimethylammonium) iodide or hexonium. P. P. Denisenko. Farm. i toks. 19 no. 3:9-16 My-Je '56.

AMMONIUM HYDROXIDE

Ammonia water as an antifreeze additive for plaster. E. S. Bulgakov. Rats. i izobr. predl. v stroi. no. 137:36-37 '56.

AMMONIUM NITRATE

Conductance and viscosity of the system: ammonium nitrate - acetamide. M. A. Klochko, G. F. Gubskaia. Izv. Sekt. fiz.-khim. anal. 27:393-401 '56.

Conductance and viscosity of the system: ammonium nitrate - water. M. A. Klochko, G. F. Gubskaia. Izv. Sekt. fiz.-khim. anal. 27:402-411 '56.

AMMONIUM SALTS

Rate of hydrogen exchange in dissolved ammonium salts. L. V. Sulima, A. I. Brodskii. Ukr. khim. zhur. 17 no. 2: 165-172 '51.

AMMONOIDEA see subdivision under Siberia, Western

AMORTIZATION see Sinking funds

AMPHIBOLE

Colors of amphiboles. N. M. Melankholin. Zap. Ves. min. ob-va 85 no. 2:218-223 '56.

AMPHIBOLITE see subdivision under Dniester Valley Ukraine

AMPLIFIERS, ELECTRON-TUBE

Effect of nonlinear characteristics in tubes on the transient processes in amplitude cascades having cathode loading. S. N. Krize. Elektrosviaz' 10 no. 8:18-24 Ag '56.

Grigorov, V.B. [Limiting the noise level in low frequency amplifiers] Snizhenie urovnia shumov v usiliteliakh nizkol chastoty. Moskva, Gos. energ. izd-vo, 1956. 36 p. (Massovaia radiobiblioteka, no. 244)

Regenerative current feedback in low-frequency amplifiers. G. IA. Gurovich. Radiotekhnika 11 no. 6:58-62 Je '56.

Stable direct-current amplifier. V. A. Kozhevnikov. Biofizika 1 no. 3:292-295 '56.

Universal tone amplifier-rectifier. Vest. sviazi 16 no. 4:30 Ap '56.

AMR IBN BAHR, ABU UTHMAN, AL-JAHIZ, 779?-869?

Traits of ninth century Turks as seen in the "Epistles to Fath b. Khaqaan" by al-Jahiz. A. M. Mandel'shtam. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:227-250 '56.

AMSTERDAM—CHESS—TOURNAMENTS

The battle of Amsterdam. S. Flohr. [Unost' no. 7:110-111 Jl '56.

Tournament in Amsterdam. L. Abramov. Shakh. v SSSR 33 no. 7:103-105 Jl '56.

AMU DARYA VALLEY—IRRIGATION

Stream regulating system. IA. Korab. Nauka i zhizn' 23 no. 6:36 Je '56.

AMUR CORK TREE see subdivision under Ukraine

AMUR PROVINCE—TRANSPORT WORKERS—CONGRESSES

Scientific and technical conference of workers of automotive organizations. A. Galakhov. Avt. transp. 34 no. 5:35 My '56.

AMUR RIVER—FISHES

Nikol'skii, G. V. [Fishes of the Amur Basin; results of of the Amur ichthyological expedition of 1945-1949] Ryby basseina Amura; itogi Amurskoi ikhtiologicheskoi ekspeditsii 1945-1949. Moskva, Izd-vo Akademii nauk SSSR, 1956. 551 p.

AMYLASE

Inactivation of phytoamylase by lead and copper salts and reactivation of enzymes from metal-enzyme compounds. L. I. Vigorov. Ukr. biokhim. zhur. 28 no. 2:183-192 '56.

Liquefaction of starch by the amylase of the brain. O. IA. Rashba. Ukr. biokhim. zhur. 23 no. 4:453-464 '51.

AMYTAL SODIUM

Changes in the rate of blood flow under the influence of neurotropic substances. F. E. Gullaova. Terap. arkh. 28 no. 4:41-44 '56.

ANALGIN see Novalgin

ANALYSIS (MATHEMATICS) see Calculus

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANALYSIS, SPECTRUM see Spectrum analysis

ANALYSIS, THERMAL see Thermal analysis

ANALYSIS OF FOOD see Food—Analysis

ANALYSIS OF SOILS see Soils—Analysis

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAPA—WINE AND WINE MAKING

Processing grapes at the Anapa Winery. V. S. Korotkov. Vin. SSSR 16 no. 4:8-9 '56.

ANAPHYLAXIS

General electrographic investigation of anaphylactic shock. M. I. Rafiki. Uch. zap. Len. un. no. 176:203-217 '54.

ANATOMICAL SPECIMENS

Vacuum dehydration of frozen tissues. IA. V. Mamul', L. V. Orlova. Trudy Inst. biol. fiz. no. 1:268-275 '55.

ANATOMY, PATHOLOGICAL—CONGRESSES see subdivision under Pyongyang, Korea

ANATOMY OF PLANTS see Botany—Anatomy

ANCIENT COINS see Coins, Ancient

ANCIENT GEOGRAPHY see Geography, Ancient

ANDREEV, KONSTANTIN ALEKSEEVICH, 1848-1921

Konstantin Alekseevich Andreev as geometrician. M. P. Chernaev. Ist.-mat. issl. no. 9:723-760 '56.

ANDREEV, VLADIMIR

Young artists of the Ermolova Theater. Teatr 17 no. 7:175 Jl '56.

ANDRIC, IVO, 1892-

In search of a way of life ("Zeko," Ivo Andrić. Reviewed by T. Virta). Znamia 26 no. 7:187-189 Jl '56.

ANEMIA

Alloxan anemia. V. I. Teterina. Biul. eksp. biol. med. 41 no. 6:27-30 Je '56.

A clinical variant of osteomyelopoietic dysplasia. M. S. Dul'tsin and others. Terap. arkh. 28 no. 4:61-61 '56.

Use of campolon made from marine animal livers. M. G. Semenova. Sov. med. 20 no. 5:72-73 My '56.

ANESTHESIA

Effect of magnesium anesthesia on the glycolysis of blood and the sugar content of blood and skin. M. D. Kiverin, Z. N. Mokeeva, A. I. TSaregorodtsev. Vop. med. khim. 2 no. 2:103-108 Mr-Ap '56.

Functional state of the nerve centers of spinal cord in total anesthesia. O. D. Reva. Fiziol. zhur. [Ukr.] 1 no. 2:21-29 Mr-Ap '55.

Hypothermia. V. Kovanov. Okhrabr' 33 no. 6:147-149 Je '56.

ANESTHESIA, INTRATRACHEAL see Intratracheal anesthesia

ANESTHESIA, INTRAVENOUS see Intravenous anesthesia

ANESTHETICS

Effect of anesthetics on radiation sickness. B. M. Khromov. Khirurgiia no. 5:78-81 My '56.

Pharmacological properties of new local anesthetics of the piperidine group. L. I. Chebokova. Trudy Inst. fiziol. AN Kazakh. SSR 1:105-133 '56.

ANGARA RIVER—HYDROELECTRIC POWER STATIONS

From Shannon to Padun. Miroslav Dushkevich. Rabotnitsa 34 no. 6:4-6 Ag '56.

Great school of life. M. Maure, A. Rydannykh. Mol. kommu. 14 no. 7:30-37 Jl '56.

ANGARA RIVER—NAVIGATION

The story of the Padun Rapids. Mikh. TSanto. Novyi mir 32 no. 7:270-277 Jl '56.

ANGINA PECTORIS

Evaluating pains in the cardiac region in determining working capacity. F. IA. Nokina, M. M. Shenderovich. Sov. med. 20 no. 6:29-36 Je '56.

Intradermal novocaine block in the cardiac region in stenocardia. R. S. Aronina. Sov. med. 20 no. 6:62-63 Je '56.

Result of treating stenocardia with intravenous administration of magnesium sulfate. A. N. Pertia. Sov. med. 20 no. 6:63-65 Je '56.

ANGLING see Fishing

ANGLO-SAXON LANGUAGE—MOOD

The meaning and use of the subjunctive mood in indirect speech in Old English. A. M. Mukisin. Uch. zap. LGPIIA no. 3:5-20 '50.

ANGREN—DESCRIPTION

The great Angren. A. G. Datygin. Sots. Ug. 16 no. 6:9-11 Je '56.

ANGREN BASIN—COAL MINES AND MINING

Posters about the experiences of mining innovators. Mast. ugl. 5 no. 7:27 Jl '56.

ANHYDRIDES

Certain peculiarities in the polymerization of anhydrides of N-carboxy-α-amino acids. K. T. Poroshin. Izv. AN SSSR. Otd. khim. nauk no. 6:743-746 Je '56.

Interaction of methylene bases in the thiazole series with dibasic acid anhydrides. F. S. Babichev, L. D. Protsenko. Ukr. khim. zhur. 17 no. 5:755-760 '51.

ANIDO, MARIA LUISA

Maria Luisa Anido. Sov. muz. 20 no. 7:103-104 Jl '56.

ANILINE

Colorimetric determination of aniline based on diazotization and formation of azo compounds. B. V. Ponomarenko. Trudy Kom. anal. khim. 7:289-294 '56.

Configuration of the product of interaction of aniline with propargylic aldehyde. L.IA.Postovskii, R.O.Matevosian, IU.N.Sheinker. Zhur. ob. khim. 26 no. 5:1443-1448 My '56.

ANIMALS, DISEASES OF see Veterinary medicine

ANIMALS, HABITS AND BEHAVIOR OF

Behavior as a factor in the process of evolution. P. I. Marikovskii. Izv. AN Kir. SSR no. 1:121-140 '55.

Behavior of certain animals during the solar eclipse of June 30, 1954. G. V. Modin. Zool. zhur. 35 no. 7:1094-1096 Jl '56.

ANIMALS, MIGRATION OF

Winter mobility of small forest animals [with English summary in insert]. E. V. Rotshtild. Zool. zhur. 35 no. 5:758-769 My '56.

ANIMALS, TRAINING OF
(see also subdivision under Moscow)

Durov's corner. V. Kimriakov. Sov. Soiuz no. 8:22 Ag '56.

ANIMALS, TREATMENT OF

Protect the earth's animal world. V zashch. mira no. 60:01-08 My '56.

ANIMATED CARTOONS see Motion-picture cartoons

ANKLE—DISEASES

Two types of orthopedic apparatus for treating stiffness of the talocrural joint. V. A. Il'in. Voen.-med. zhur. no. 6:85-86 Je '51.

ANNIVERSARY CALENDAR

Important and memorable dates. Klub. 5 no. 5:43 My '56.

Memorable dates. Nar. obr. no. 6:79-80 Je '56.

Memorable dates. Nar. obr. no. 7:79-80 Jl '56.

Memorable dates. Nar. obr. no. 8:76 Ag '56.

Our calendar. Kul't.-prosv. rab. 17 no. 7:60-61 Jl '56.

Our calendar. Kul't.-prosv. rab. 17 no. 8:60-61 Ag '56.

Significant and commemorative dates. Klub 5 no. 8:32 Ag '56.

ANNUALS (PLANTS)

Structure of flowering of annual plants with branching stems. G. A. Durkhidan. Izv. Alt. Aviat. ORSK Biol. i sel'khoz. nauki 2 no. 2:23-36 Jl '56.

ANOXEMIA

Distribution of glutamine between erythrocytes and blood plasma under normal conditions and in hypoxemia. A. I. Bytskova, K. H. Kharkovych. Ukr. biokhim. zhur. 23 no. 4:398-406 '51.

Manifestations of hypoxia during muscular activity. M. D. Marnbak, T. A. Maeva. Biul. eksp. biol. med. 41 no. 6:13-16 Je '56.

Mechanism of the effect of acute hypoxia on gastric motor function. Report no. 1. V. S. Baitsan. Fiziol. zhur. [Ukr.] 1 no. 3:299-302 My-Je '55.

ANSBACH, GERMANY—MUSIC FESTIVALS

Bach and jet planes. Nov. vrem. 14 no. 14:15 Ag '56.

ANSHAN, CHINA—STEEL INDUSTRY

"Friendship of youth." Kitai no. 5:8-9 My '56.

ANSHAN, CHINA—WOMEN—EMPLOYMENT

A second and a third will appear. Pai Lang. Sov. zhen. 12 no. 10:31 O '56.

ANT LIONS

Story about ant lions. I. Khalifman. Ilin. nat. no. 5:4-6 Ag '56.

ANTARCTIC REGIONS

Assault of the ice continent; discussion with G. A. Avatsk, doctor of geographical sciences. Vokrug sveta. no. 8: 12-16 Je '56.

Burkhanov, V. F. [To the shores of the Antarctic] K beregam Antarktidy. Moskva, Izd-vo "Morskoi Transport," 1956. 101 p.

Cruise to the Antarctic. K. Riabchikov. Ogonek 34 no. 28:17-24 Jl '56.

Homecoming from a mysterious land. O. S. V'iatkin. Ukraina no. 14:12-13 Jl '56.

In the Antarctic. Cheog. v shkole 19 no. 3:62-65 My-Je '56.

In the Antarctic. K. K. Markov. Priroda 45 no. 8:59-70 Ag '56.

In the Antarctic. K. Markov. Sov. Soiuz no. 8:12-13 Je '56.

On the Antarctic continent. A. M. Gunov. Vest. AN SSSR 26 no. 8:34-44 Ag '56.

On the sixth continent. Pioner no. 6:64-65 Je '56.

Prospectors of the sixth continent. Mol. kolkh. 33 no. 6:6 Je '56.

Sixth continent. L. Igritskaia. Nem'ta i shkola 11 no. 7:17-18 Jl '56.

Soviet expedition to Antarctic regions. I. Shyshkin. Rab. i sial. 32 no. 6:21-22 Je '56.

What is Antarctica? E. Tolstikov. Otv. na vop. trud. no. 60:41-49 '56.

ANTARCTIC REGIONS—GEOLOGY

Geological structure of the Hunger "oasis" in Queen Mary Land in the Antarctic. O. S. V'iatkin, P. S. Voronov. Visnyk AN URSR 27 no. 6:39-42 Je '56.

ANTARCTIC REGIONS—JOURNALISM

Journalists in the Antarctic. E. Riabchikov, P. Barashev. Sov. pech. no. 8:28-30 Ag '56.

ANTARCTIC REGIONS—OCEANOGRAPHIC RESEARCH

Oceanographic research in the Antarctic. V. O. Kurt. Vest. AN SSSR 26 no. 8:82-88 Je '56.

ANTARCTIC REGIONS—POSTAL SERVICE

Mail from Antarctic regions. Sov. Soiuz no. 5:35 My '56.

ANTARCTIC REGIONS—SEISMOLOGY

Study of the seismicity of almost inaccessible regions; from the program of the International Geophysical Year. E. F. Savarenskii. Vest. AN SSSR 26 no. 6: 78-81 Je '56.

ANTARCTIC REGIONS—SHIPS—MAINTENANCE AND REPAIR

Servicing machinery during an Antarctic voyage. I. Belov. Mor. agit. sud. transp. no. 14:6-12 Jl '56.

ANTARCTIC REGIONS—WHALING

After the 10th voyage to the Antarctic. M. Stavnitser. Ukraina no. 13:17 Jl '56.

ANTHRACITE COAL

Production of water gas from anthracite. K. F. Mozzhukhin, N. N. Dobrokhotov. Trudy Inst. po gazu AN Ukr. SSR 17 '55.

ANTHROPOGEOGRAPHY see subdivision under Russia, Abad Province

ANTHROPOLOGY see subdivision under Azerbaijan SSR, Georgia

ANTIAIRCRAFT GUNS

Antiaircraft gunners. A. Sychevskii. Sov. voin. no. 11 My '56.

ANTIBIOTICS

Air-borne therapeutic apparatus for [illegible]. P. N. Nalivaev. Voen.-med. zhur. no. 8:80-81 Ag '56.

Antibiotic effect of Actinomyces griseus [illegible] human skin and pus. I. M. Arnautskaia. Vest. ven. i derm. no. 3:55 My-Je '56.

Antibiotic treatment for diseases of children caused by genitalia fungi. T. K. Gavrilova. Pediatriia 34 no. 3: 49-52 My-Je '56.

Antibiotics in fattening pigs. K. M. Vetrova. Sov. Soiuz 11 no. 8:69 Ag '56.

Bullous exfoliative dermatitis in a 2½ year [illegible] caused by antibiotics. E. I. Angel'berga. Pediatriia 34 no. 3:60-61 My-Je '56.

Candidomycosis in antibiotic therapy. M. M. Shemyakina. Pediatriia 34 no. 3:65-68 My-Je '56.

Chemotherapy of radiation sickness in [illegible] experimental conditions. M. A. Yurasova, Z. V. [illegible] nova. Med. rad. 1 no. 2:41-49 My-Ap '56.

Clinical peculiarities of staphylococcal infections occurring during antibiotic treatment. I. A. Lukashevich, A. V. Lekina, V. V. Savel'eva. Vop. okh. mat. i det. 1 no. 2:61-64 Mr-Ap '56.

Comparative rating of the prophylactic and therapeutic action of antibiotics in infectious pneumonia. V. S. [illegible] Vrach. delo. no. 3:51 Mr '55.

Disk indicator. Nauka i zhizn' 23 no. 3:55 Je '56.

Fermosesilline I in diseases of farm animals. P. P. Ovsianov. Veterinariia 33 no. 2:18-22 Je '56.

Effect of aureatin on Hemophilus pertussis and [illegible] tion with whooping cough. M. P. Shirokova. Vrach. delo. 13 no. 2:101-102 '57.

Gastrointestinal disorders of certain antibiotics [illegible] blood in radiation sickness. A. F. Bogolepova. Sov. med. 1 no. 2:46-51 Mr-Ap '56.

Generalized candidomycosis in a [illegible] caused by antibiotics. E. I. Angelina. Pediatriia 34 no. 3:76-80 My-Je '56.

Influence of substances absorbed by germinating seeds on the relation between rye and its [illegible] Echinochloa crus-galli (L.) P. B. and [illegible] summary in insert] V. I. Baranov, K. V. Baranova-Vasil'eva. Izv. 1 no. 1:273-276 My-Je '56.

Late complications following antibiotic therapy of suppurative peritonitis. N. A. Smirnov, G. I. Rogozina. Khirurgiia no. 5:83-89 My '56.

Mechanism of the action of antibiotics, a review of the literature. B. IU. Alpernman. Mikrobiol. zhur. 18 no. 2:111-127 '51.

Miraculous substances. B. Zamotaev'skii. Pionerskaia 34 no. 6:22-23 Je '56.

Modification of the abnormal action of the parasympathetic in infectious processes following administration of antibiotics; experimental study. O. S. Kudriavtseva. Khirurgiia no. 5:37-39 My '56.

New antibiotics. A. I. Korenitska and others. Vest. AN SSSR 26 no. 6:95-96 Je '56.

Possibilities of using antibiotics in the fishing industry. M. A. Ravich-Shcherba. Ryb. khoz. 32 no. 6:53-55 Je '56.

Present-day state of the problem of antibiotics. E. V. Ermol'eva. Voen.-med. zhur. no. 5:13-23 My '56

Prodigiosin, an antibiotic from Bacterium prodigiosum [with English summary in insert]. O. M. Shtanenko, G. A. Kuznetsova, P. A. [illegible]. Biokhimiia 21 no. 4: 416-421 My-Je '56.

Sensitivity of the microflora of wounds to antibiotics and antiseptics. V. I. Maslov. Voen.-med. zhur. no. 1:84 Mr '56.

Side effects during antibiotic therapy. K. A. Karpukhina. Vest. ven. i derm. no. 3:48-49 My-Je '56.

Side reactions to antibiotic therapy. A. I. Morozova. Pediatriia 30 no. 2:71-76 My-Je '56.

Staphylococcal infection as a manifestation of disease caused by drugs. A. L. Libov. Vop. okh. mat. i det. 1 no. 2:64-69 Mr-Ap '56.

Use of antibiotics. P. O. Sosedov, P. F. Kozlovskaya, A. I. Nenkov. Veterinariia 33 no. 5:78-79 Ag '56.

Using an unrefined No. 14 preparation for treating dysentery. M. P. Trofimenkii. Voen.-med. zhur. no. 1:69-71 Mr '56.

Using antibiotics in poultry and livestock raising. Kh. Dzhilkishiev, A. Nenkov. Konev. proizv. 16 no. 5:41-42 My '56.

Visceral candidomycosis in children. O. I. Zaitseva, V. V. Bystrova, G. A. Kalashova. Pediatriia 29 no. 3: 56-63 My-Je '56.

ANTIBIOTICS—CONGRESSES see subdivision under China

ANTIGENS AND ANTIBODIES

Changes in the antigenic specificity of egg albumin during denaturation. O. V. Lobacheva. Ukr. biokhim. zhur. 23 no. 4:418-438 '51.

Changes in the immunological properties of rabbit serum following homotransplantation of the skin. E. A. Zotikov. Biul. eksp. biol. med. 42 no. 7:58-60 Jl '56.

Effect of brief inhibition and excitation of the central nervous system on the immunologic reactivity of the system with relation to a cancer antigen. I. N. Maiskii, G. V. Suvorova. Biul. eksp. biol. med. 41 no. 6:49-50 Je '56.

Effect of ionizing radiation on antibody formation. V. L. Troitskii, O. V. Chakhava, N. A. Kozlova. Med. rad. 1 no. 1:49-58 Ja-F '56.

Effect of ionizing radiations on the antigenic properties of proteins. L. A. Zil'ber and others. Med. rad. 1 no. 2:17-23 Mr-Ap '56.

Effects of the duration of antigen contact with skin receptors on antibody formation. A. N. Gordienko and others. Biul. eksp. biol. med. 41 no. 6:56-58 Je '56.

Precipitation method in the detection of specific antigens which developed following orthoaminotoluine administration. T. A. Korosteleva. Biul. eksp. biol. med. 41 no. 6:50-55 Je '56.

Role of the Botlan antigen in eye diseases. O. Palics-Szanto. Translated from the German by F. I. IUzefova. Oft. zhur. 11 no. 1:20-34 '56.

ANTIMONY

New colorimetric reactions for the determination of antimony. A. I. Kokorin, N. A. Polotebnova. Trudy Kom. anal. khim. 7:205-210 '56.

Separation of antimony during the electrodeposition of zinc. Z. A. Sheka. Ukr. khim. zhur. 22 no. 3:387-393 '56.

ANTIMONY ORGANIC COMPOUNDS

Cleavage of tri-*p*-tolyl antimony and tri-$\alpha$-naphthyl antimony by acid chlorides and alkyl halides in presence of aluminum chloride. M. S. Malinovskii, S. P. Olifirenko. Zhur. ob. khim. 26 no. 5:1402-1405 My '56.

ANTIOCH—LABOR AND LABORING CLASSES

The situation of the masses in Antioch in the fourth century. G. L. Kurbatov. Viz. vrem. 9:42-60 '56.

ANTIOXIDANTS

Determining the content of antioxidants of the aminophenol type in gasolines. I. V. Rozhkov, T. P. Rogacheva. Khim. i tekh. topl. no. 6:34-37 Je '56.

Repeated stabilization of fuels by antioxidants. Z. A. Sablina, A. A. Gureev. Khim. i tekh. topl. no. 7:61-64 Jl '56.

Stabilization of cracked gasoline by antioxidants. A. K. Seleznev. Khim. i tekh. topl. no. 6:37-38 Je '56.

Testing the antioxidant VTI-8 in the oil systems of turbine installations. A. N. Alekseandrov and others. Elek. sta. 27 no. 6:14-19 Je '56.

ANTIPOV, IURII

Master of accurate fire. N. Tugaev. Sov. mor. 16 no. 8: 13 Ap '56.

ANTIPYRINE

Interaction of organic bases with salts of metals. Part 4. Interaction of antipyrine with zinc and cadmium thiocyanates. S. E. Bukrat. Zhur. ob. khim. 26 no. 5:1379-1381 My '56.

New color reaction to antipyrine. N. P. IAvorskii. Apt. delo 5 no. 4:40-41 Jl-Ag '56.

ANTIQUITIES see subdivision under Akmolinsk District; Chersonese; Gudaut District; Kazakhstan; Kol'mentsy District; Mingechaur; Minsk; Moscow; Soviet Central Asia, Talas Valley; Tajikistan; Zarnisk

ANTISEPTICS

Sensitivity of the microflora of wounds to antibiotics and antiseptics. V. I. Maslov. Voen.-med. zhur. no. 3:84 Mr '56.

ANTISPASMODICS

Electric activity of the muscles of children with congenital spastic cerebral paralysis during spontaneous contractions and changes in this activity following a treatment with tropacin. S. I. Fudel'-Osypova, IE. P. Mezhenina. Fiziol. zhur. [Ukr.] 1 no. 2:7-14 Mr-Ap '55.

Heterocyclic compounds. Part 38. Synthetic spasmolytics. Preparation of 4-aminopiperidines by the reducing amination of 4-piperidones. I. N. Nazarov, E. T. Golovin. Zhur. ob. khim. 26 no. 5:1496-1507 My '56.

ANTRUM—DISEASES

Conservative therapy of antritis and mastoiditis in children with subperiosteal abscesses. N. V. Zherovskaia, I. IA. IAkovleva. Vest. oto-rin. 18 no. 4:52-55 Jl-Ag '56.

ANUS

Experimental histological research on the epithelium in the anal region of rats. A. Zh. Blumberg. Biul. eksp. biol. med. 41 no. 6:70-73 Je '56.

APARTMENT HOUSES

(see also subdivision under Leningrad; Moscow)

Catalog of apartment house plans for repeated use. Rats. i izobr. predl. v stroi. no. 134:10-12 '56.

On the width of the cross section of 4- and 5-story apartment houses. G. Ustinov. Arkhit. SSSR no. 6:14-15 '56.

Some problems of mass producing apartment houses in southern regions. G. Alizade. Arkhit. SSSR no. 6:16-17 '56.

Standard plans for large-panel 5-story apartment houses. A. K. Barutchev, A. V. Vasil'ev. Arkhit. i stroi. Len. no. 2:4-6 Je '56.

APARTMENT HOUSES—MAINTENANCE AND REPAIR see subdivision under Moscow

APICULTURE see Bee culture

APOPLEXY

Late aftereffects of cerebral hemorrhage in newborn infants. M. F. Deshchekina. Vop. okh. mat. i det. 1 no. 3: 59-63 My-Je '56.

APPARATUS, ELECTRICAL see Electric apparatus and appliances

APPARATUS, MEDICAL see Medical instruments and apparatus

APPARATUS, PHYSIOLOGICAL see Physiological apparatus

APPARATUS, SURGICAL see Surgical instruments and apparatus

APPARATUS, VOLUMETRIC see Volumetric apparatus

APPENDICITIS

Appendicitis in a case of total visceral inversion. G. V. Gulinev. Khirurgiia no. 5:76-77 My '56.

Diagnosis and treatment of appendicitis. N. N. Nadir'iants. Voen.-med. zhur. no. 6:28-33 Je '51.

Diagnosis of appendicitis. A. S. Cheremskii. Voen.-med. zhur. no. 6:79-80 Je '51.

Inhibition of the abdominal reflex as a symptom in acute appendicitis. N. N. Fomin. Voen.-med. zhur. no. 6:79 Je '51.

APPENDIX (ANATOMY)

Results of histological examinations of surgically removed appendices vermiformes. A. Z. Arnetin, IA. F. Poltakov. Voen.-med. zhur. no. 6:34-36 Je '51.

APPENDIX (ANATOMY)—CANCER

Case of cancer of the appendix vermiformis. IA. A. Neftol'ev. Voen.-med. zhur. no. 6:80-81 Je '51.

APPENDIX (ANATOMY)—INNERVATION

Division of nerve cells in ganglia of Auerbach's plexus of the appendix in full-grown animals. Z. IA. Tkachenko. Fiziol. zhur. [Ukr.] 1 no. 2:126-133 Mr-Ap '55.

APPENDIX (ANATOMY)—SURGERY

Exercise therapy included among therapeutic and protective measures after appendectomy. V. S. Izmailov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:66 Ja-Mr '50.

APPENDIX (ANATOMY)—TUMORS

Acute intestinal obstruction due to a cyst of the appendix. I. M. Popov. Khirurgiia no. 5:76 My '56.

APPLE

(see also subdivision under Krasnodar Territory Siberia; Ukraine)

Apple calendar. S. Chernenko. IUn. nat. no. 5:29 Ag '56.

Apple plantations for seed. V. N. Popov. Sad i og. no. 7:40-50 Jl '56.

Apple stocks. V. N. Zemlianov. Sad i og. no. 7:46-47 Jl '56.

Effect of close planting on the growth of first-year apple seedlings. S. A. Samtsevich. Dop. AN URSR no. 4:21-26 '48.

Foliar feeding of apple trees in nurseries. V. I. Zuev. Sad i og. no. 6:75 Je '56.

Formation of apple seedlings selected before fruiting. R. A. Pribavkina. Agrobiologiia no. 3:114-116 My-Je '56.

Increasing the viability of apple hybrids. E. N. Sedov. Agrobiologiia no. 3:134-136 My-Je '56.

APPLE—DISEASES AND PESTS

Controlling the adult stage of the fruit-tree leaf roller. L. N. Zotsenko, M. I. Zhigal'tseva. Sad i og. no. 7:61-62 Jl '56.

Measures for controlling the red apple mite. E. P. Gorlachova, M. B. Beliakova. Sad i og. no. 6:62 Je '56.

APPLE—VARIETIES see subdivision under Armenia

APPROXIMATE COMPUTATION

Best approximations and differential properties of two conjugate functions. N. K. Bari, S. B. Stechkin. Trudy Mosk. mat. ob-va 5:483-522 '56.

Certain estimates of the order of approximations given in singular integrals. E. IA. Remez. Dop. AN URSR no. 5:3-9 '49.

Refined consideration of the extremal relations between mean successive and Chebyshev approximations. Part 2. E. IA. Remez. Zbir. prats' inst. mat. AN URSR no. 11:24-35 '48.

Some applications of the approximate calculation of eigenvalues and eigenvectors of a positively defined matrice. M. A. Krasnosel'skii. Usp. mat. nauk 11 no. 3:151-158 My-Je '56.

APRICOT

Selection of apricot hybids. A. A. Petrosian. Sad. vin. Mold. 11 no. 3:25-27 My-Je '56.

APSHERON (SHIP)

Tankers "Apsheron" and "Tuapse." A. D. Aleshkin. Sudostroenie 22 no. 5:6-13 My '56.

APSHERON PENINSULA—GRAVITY

Characteristics of local anomalies of the force of gravity on the Apsheron Peninsula. I. O. TSimel'zon. Prikl. geofiz. no. 14:14-22 '56.

AQUARIUMS

Book about aquariums ("Underwater world indoors." F. M. Polkanov. Reviewed by M. D. Makhlin). Priroda 45 no. 7:119-121 Jl '56.

AQUATIC PLANTS

Using herbicides in destroying tenacious vegetation on ponds. A. I. Bondur. Nauka i pered. op. v sel'khoz. no. 6:45 Je '56.

ARABIAN SEA

It turns out that the silver beach is a reality. IUn. nat. no. 5:9 Ag '56.

ARABIC INSCRIPTIONS see subdivision 'Inscriptions, Arabic' under Bayburt, Turkey

ARABIC LITERATURE—TRANSLATIONS INTO RUSSIAN

[Arabic prose; a collection. Translated from the Arabic] Arabskaia proza; sbornik. Perevod s arabskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 268 p.

ARABS

Destiny of the Arabic world. Pierre Cot. V zashch. mira no. 61:1-9 Je '56.

ARAGON, LOUIS, 1897-

Fighters for peace ("Standard-bearers of peace; essays on Henri Barbusse, Louis Aragon and Andre' Stil." P. P. Verbits'kii. Reviewed by Vadim Pashchenko). Sov. Ukr. 6 no. 6:184-185 Je '56.

ARAL SEA—FISH CULTURE

Using ground basins in the Aral' Fish Hatchery for spawning roach and carp. P. G. Bezdenezhnykh. Ryb. khoz. 32 no. 6:38-40 Je '56.

ARAS VALLEY—TRUCK FARMING

Problems connected with the economics and organization of suburban farming supplying the city of Erivan. S. Khrimian, O. Karchikian, A. Kocharian. Izv. AN Arm. SSR. Obshchestv. nauki no. 6:29-36 '56.

ARBITRATION, INDUSTRIAL

[Collection of Rules of the State Arbitration Commission.] Sbornik instruktivnykh ukazanii Gosudarstvennogo arbitrazha no. 3 '56.

ARBITRATION AND AWARD

Public prosecutors' review of the legality of decisions of state and departmental arbitration agencies. S. D. IAstrubotskii. Dop. ta pov. L'viv. un. no. 4, pt. 1:24-26 '53.

ARBUZOV, BORIS ALEKSANDROVICH, 1903- —BIBLIOGRAPHY see Bibliography—Arbuzov, Boris Aleksandrovich, 1903-

ARBUZOV REARRANGEMENT see Rearrangements (chemistry)

ARCHAEOLOGY

(see also subdivision under China; Europe, Kishinev; Tajikistan; Ukraine)

"Archaeology in the U. S. S. R." A. L. Mongait. Reviewed by A. P. Smirnov. Vop. ist. no. 5:179-182 My '56.

ARCHAEOLOGY—STUDY AND TEACHING

Archaeological laboratory. Vest. Mosk. un. 11 no. 4: 153-154 Ap '56.

ARCHITECTURAL ACOUSTICS

Experimental study of an open-air public address system with evenly distributed sound sources. B. D. Tartakovskii. Dokl. AN SSSR 108 no. 4:636-639 Je '56.

ARCHITECTURE

(see also subdivision under Lithuania; Polotsk)

The development of architectural and building science depends on an overall research program. Arkhit. SSSR no. 6:1-2 '56.

In the Academy of Architecture and Construction of the U. S. S. R. Arkhit. i stroi. Mosk. 5 no. 8:32 Ag '56.

An investigation of some orders of architectural composition used by V. I. Bazhenov and M. F. Kazakov. N. F. Gullanitskii. Vop. teor. arkhit. komp. no. 1:77-100 '55.

ARCHITECTURE—COMPOSITION, PROPORTION, ETC.

On the problem of architectonics. V. I. Kazarinova. Vop. teor. arkhit. komp. no. 1:5-58 '55.

Some problems of proportionality in architecture. L. I. Kirillova. Vop. teor. arkhit. komp. no. 1:59-76 '55.

ARCHITECTURE—CONSERVATION AND RESTORATION (see also subdivision under Moscow)

Protect the architectural heritage. N. Voronin. Arkhit. SSSR no. 6:30-33 '56.

ARCHITECTURE—DESIGNS AND PLANS (see also subdivision under Europe, Western)

Koren'kov, V. E., D. B. Khazanov, and A. A. Sherentsis. [Unification of three-dimensional planning units and construction elements of mass-produced apartment houses and public buildings] Unifikatsiia ob"emno-planirovochnykh i konstruktivnykh elementov zhilykh i obshchestvennykh zdanii massovogo stroitel'stva. Pod obshchei red. G. F. Kuznetsova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 140 p.

New series 1-460 and 1-402 (GIPROGOR) standard plans for 4 and 5-story apartment houses. L. Diubek. Arkhit. SSSR no. 6:3-9 '56.

Planning organizations should operate on a business accounting basis. P. Panfilova, Z. Pozdniakova. Fin. SSSR 17 no. 7:39-42 Jl '56.

Rack for hanging drawings. A. N. Volnenko. Rats. i izobr. predl. v stroi. no. 134:20-22 '56.

Using one series of plans and unified structural elements in designing subsidiary buildings for various purposes. Rats. i izobr. predl. v stroi. no. 134:13-17 '56.

ARCHITECTURE—HISTORY

New edition of "A history of Russian architecture." Arkhit. i stroi. Mosk. 5 no. 7:32-33 Jl '56.

The technique of wood architecture in Russia during the 16th and 17th centuries. M. G. Miloslavskii. Trudy Inst. ist. est. i tekh. 7:44-111 '56.

ARCHITECTURE, CHINESE

Types of architecture in China. Chai Li-lin. Nar. Kit. no. 14:15-18 Jl '56.

ARCHITECTURE, CHURCH see Church architecture

ARCHITECTURE, DOMESTIC—DESIGNS AND PLANS

One-family pressboard frame house. V. Tagamlik, P. Terekhina. Sel'. stroi. 11 no. 5:14-16 My '56.

Plans of houses for collective farmers. V. Borisov. Kolkh. proizv. 16 no. 6:37 Je '56.

Special features of designing small-size apartments. M. Kostandi. Arkhit. SSSR no. 6:10-14 '56.

Standard projects of two- and four-room houses for rural sites. Kolkh. proizv. 16 no. 7:insert Jl '56.

ARCHITECTURE, KOREAN

Monuments of ancient Korean architecture. Pak Kwan-sik. Nov. Kor. no. 6:36-37 Je '56.

ARCHIVES (see also subdivision under Baltic States; United States)

Acquisitions of documentary material on the Soviet period by local state archives. M. F. Petrovskaia. Ist. arkh. no. 3:179-187 My-Je '56.

Personal archives of outstanding people in motion pictures. A. Sinel'nikov. Isk. kino no. 6:24-29 Je '56.

Tasks of Soviet archival institutions in the light of resolutions of the 20th Congress of the Communist Party of the Soviet Union. L. I. IAkovlev. Ist. arkh. no. 3: 171-178 My-Je '56.

ARCHIVES—PERIODICALS see subdivision under Ukraine

ARCTIC FOX—DISEASES AND PESTS

"Self-biting" of fur-bearing animals. N. N. Driagalin, A. M. Krasnov. Kar. i zver. 9 no. 4:49-51 Jl-Ag '56.

ARCTIC OCEAN

Annual water balance of the Arctic Ocean. V. T. Timofeev. Priroda 45 no. 7:89-91 Jl '56.

ARCTIC REGIONS

Geography meeting on the subject "Study and exploitation of the Arctic." K. I. Serova. Geog. v shkole 19 no. 3:58-59 My-Je '56.

International cooperation of polar explorers. Ogonek 34 no. 25:5 Je '56.

Leont'ev, F. S. [In the polar expanse; a naturalist's notebook] V prostorakh Zapoliar'ia; zapiski naturalista. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 181 p.

Some results of meteorological observations on the drifting station "Severnyy polius - 4" during the summer of 1955. S. S. Gaigerov. Meteor. i gidrol. no. 6: 3-13 Je '56.

Through ice and fog; a sketch. I. Nazarov. Sib. ogni 35 no. 3:107-119 My-Je '56.

Treshnikov, A. F. [A year on an ice flow; the diary of a polar explorer] God na l'dine; iz dnevnika poliarnika. Moskva, Izd-vo "Morskoi transport," 1956. 92 p.

ARCTIC REGIONS—MAGNETISM, TERRESTRIAL

Magnetic anomaly in the central Arctic. M. E. Ostrekin. Priroda 45 no. 7:127-128 Jl '56.

ARCTIC REGIONS—METEOROLOGY—OBSERVATIONS

Active automatic meteorological stations. I. Moroz. Ukraina no. 15:27 Ag '56.

ARCTIC REGIONS—SEALING

Norwegian sealing in the Arctic and the North Atlantic. S. S. Surkov. Ryb. khoz. 32 no. 6:60-62 Je '56.

ARCTIC REGIONS—SEISMOLOGY

Study of the seismicity of almost inaccessible regions; from the program of the International Geophysical Year. E. F. Savarenskii. Vest. AN SSSR 26 no. 6: 78-81 Je '56.

ARCTIC REGIONS—VERTEBRATES

Vertebrates of the Mid-Arctic. S. M. Uspenskii. Priroda 45 no. 8:41-46 Ag '56.

ARDOV, VIKTOR EFIMOVICH

Two out of twenty eight ("Your acquaintances." V. Ardov. Reviewed by Z. Papernyi). Novyi mir 32 no. 9:257-258 S '56.

ARGASIDAE

Seasonal variability in the virulent nature of pathogenic micro-organisms transferred by argasidae and ixodidae. B. V. Lototskii, E. A. Muratov, IA. D. Staviskii. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:167-176 '54.

ARGENTINA—ECONOMIC CONDITIONS

In the Institute of Economics (report of the Argentine scholar, R. Ortis). A. M. Shvartsman. Vest. AN SSSR 26 no. 7:82 Jl '56.

ARGENTINA—LABOR AND LABORING CLASSES

Preparations for the conference in Argentina. Irma Otar. Vsem. prof. dvizh. no. 6:33-34 Je '56.

ARGENTINA—SHEEP

Sheep raising in Argentina and Uruguay. V. M. Kurganskii. Ovtsevodstvo no. 7:42-44 Jl '56.

ARGENTINE NEWSPAPERS

Argentine meetings. V. Chichkov. Sov. pech. no. 8:46-47 Ag '56.

ARGININE

Certain aspects of arginine metabolism in birds [with German summary in insert]. IA. Bauerova, F. Shorm. Biokhimiia 21 no. 3:397-402 My-Je '56.

ARGON

Argon content in potassium minerals. A. I. Goncharov. Ukr. khim. zhur. 17 no. 1:22-26 '51.

ARITHMETIC—STUDY AND TEACHING

How to arrange model problems in exercise books for grades three and four. G. B. Poliak. Nach. shkola 24 no. 9:58 S '56.

How to prepare children for a better understanding of lesson material. D. A. Taranukhin. Nach. shkola 24 no. 7:48-49 Jl '56.

"Lesson plans in arithmetic for grade 1." Arkhangel'skaia, M. S. Nakhimova. Reviewed by R. N. Abaliaev. Nach. shkola 24 no. 7:58-59 Jl '56.

Repeating the solutions of problems. G. B. Poliak. Nach. shkola 24 no. 9:37-41 S '56.

Teaching counting with the numbers 1 to 10. V. S. Mitenev. Nach. shkola 24 no. 7:45-47 Jl '56.

Teaching element pupils in grades 1 and 2 how to solve problems. M. N. Bushkova. Nach. shkola 24 no. 7: 24-29 Jl '56.

ARITHMETIC—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Arithmetic—Study and teaching

ARM—ULCERS

Surgical treatment of ulcers induced with X-rays. G. A. Andrienko. Khirurgiia no. 5:66-67 My '56.

ARMAMENTS, COST OF see subdivision under Canada

ARMATURES

Armature winding device. A. I. Cherepanov. Energetik 4 no. 7:23 Jl '56.

ARMENIA—ALFALFA

Growing alfalfa as a stubble crop. G. Grigorian, G. Melkumian. Khlopkovodstvo 6 no. 7:36-37 Jl '56.

ARMENIA—APPLE—VARIETIES

Agulian, S. L. [Michurin apple varieties on the Leninakan Plateau in Armenia] Michurinskie sorta iabloni na leninakanskom plato Armianskoi SSR. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 154 p.

ARMENIA—ART

Glorious tradition. Sov. zhen. 12 no. 8:33 Ag '56.

ARMENIA—BEETLES

New leaf-rolling weevil (Coleoptera, Attelabidae) Coenorrhinus phryganophilus Khnzorian sp. nov. from the Armenian S. S. R. S. M. Khnzorian. Dokl. AN Arm. SSR 22 no. 5:225-226 '56.

ARMENIA—BOOKS—HISTORY

Babaian, A. S. [The Armenian book; a brief historical sketch] Armianskaia kniga; kratkii istoricheskii ocherk. Erevan, Aigirk, 1956. 54 p.

ARMENIA—BROME GRASS

Dynamics of the accumulation of carotene in some species of brome grass. A. B. Oganesian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:3-14 Jl '56.

ARMENIA—COMMUNIST PARTY—HISTORY

New materials on an underground Armenian workers' organization in 1899-1901. E. Khalesian. Izv. AN Arm. SSR. Obshchestv. nauki no. 6:17-27 '56.

ARMENIA—COTTON—VARIETIES

Growing the 108-F cotton variety in Armenia. S. Karagezian. Khlopkovodstvo 6 no. 7:37-39 Jl '56.

ARMENIA—CULTURE

Armenian art. Gurgen Borian. Sov. Soiuz no. 5:20-23 My '56.

ARMENIA—DOGWOOD

Characteristics of some cornelian-cherry dogwood forms of the Armenian S. S. R. [in Armenian with summary in Russian]. A. K. Narotan. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:33-43 Je '56.

ARMENIA—HYDROELECTRIC POWER STATIONS

News from the republics; a review of newspapers. Druzh. nar. no. 7:124-128 Jl '56.

ARMENIA—ILLUMINATION OF BOOKS AND MANUSCRIPTS

"Old Armenian miniatures." L. A. Durnovo. Reviewed by T. A. Izmailova. Viz. vrem. 9:255-259 '56.

ARMENIA—IRRIGATION

Construction of hydraulic structures for the irrigation system of separate collective farms in the Armenian SSR. A. Kh. Tarverdian. Gidr. i mel. 8 no. 6:11-16 Ag '56.

ARMENIA—LIBRARIES—ORDER DEPT.

In the library supply agency of Armenia. G. Nazarian. Sov. knizh. torg. no. 7:13 Jl '56.

ARMENIA—LOTUS

Chemical composition of cultivated and wild species of Lotus grown in different zones of the Armenian S. S. R. S. V. Afrikian, V. A. Kazarian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:15-24 Je '56.

ARMENIA—NUMMULITES

Discovery of giant nummulites in Armenia. G. I. Nemkov. Priroda 45 no. 8:108-109 Ag '56.

ARMENIA—PEAT

Study of the field drying of cut peat in climatic conditions of the Armenian S. S. R. L. T. Kuloian. Izv. AN Arm. SSR. Ser. FMET nauk 6 no. 4:91-99 Jl-Ag '53.

ARMENIA—PLANT DISEASES

New host plants for Bacillus mesentericus. S. A. Avakian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:60-65 Jl '56.

ARMENIA—RELIGIOUS LITERATURE

Dating the pseudo-Isaac pamphlets in Greco-Byzantine literature. L. M. Melikset-Bek. Viz. vrem. 8:208-222 '56.

ARMENIA—RHINOCEROS, FOSSIL

Rhinoceros merckl Jaeg. from quaternary deposits of Armenia. L. A. Avakian. Nauch. trudy Erev. un. 52: 36-41 '55.

ARMENIA—ROCKS—MAGNETIC PROPERTIES

Magnetic properties of rocks of Armenia. TS. G. Akopian. Trudy Inst. geofiz. AN Gruz. SSR 14:61-75 '55.

ARMENIA—ROCKS, IGNEOUS

Structure of the Gedzhalinskiy granitoid intrusive in northern Armenia. S. I. Balasanian. Nauch. trudy. Erev. un. 52:83-100 '55.

ARMENIA—SHEEP BREEDS

Wool quality of hybrid sheep of Armenia. M. G. Karamian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:95-100 Jl '56.

ARMENIA—THEATER

Glorious tradition. Sov. zhen. 12 no. 8:33 Ag '56.

ARMENIA—TOBACCO—DISEASES AND PESTS

Wildfire disease of tobacco in the Armenian S. S. R. R. V. Batikian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:69-80 Jl '56.

ARMENIA—WHEAT

Determining the economic effectiveness of mineral fertilizers given to wheat on the Mets Mazra Collective Farm in Basargechar District. V. G. Zubkeltian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:91-99 Je '56.

ARMENIA—WHEAT—DISEASE AND PEST RESISTANCE

Susceptibility of wheat to fungus diseases as affected by nutrition. V. O. Gulkanian, S. G. Oganesian, A. A. Oganesian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6: 59-76 Je '56.

ARMENIAN AUTHORS see Authors, Armenian

ARMENIAN MUSIC see subdivision 'Music, Armenian' under Moscow

ARMENIAN OPERA see Opera, Armenian

ARMENIAN PAINTING see Painting, Armenian

ARMIES see subdivision 'Army' under Russia

ARMS, ARTIFICIAL
Features of the development of movements and present-day theory of the prosthetics of the arm. S. A. Kostiov. Uch. zap. Len. un. no. 176:319-332 '54.

ARMS AND ARMOR
History of Russian weapons ("Creators of the Russian weapons." A. Pozdnev. Reviewed by M. Liubinskii). Voen. znan. 31[i.e. 32] no. 5:31 My '56.

ARMY—DEMOBILIZATION see subdivision under Korea, North

ARMY—HISTORY see subdivision under Russia

ARMY—INFANTRY see subdivision under Russia

ARMY—MEDICAL AND SANITARY AFFAIRS see subdivision under United States

ARMY—RECRUITING AND ENLISTMENT see subdivision under Germany, West

ARMY—TRANSPORTATION OF SICK AND WOUNDED see subdivision under Russia

AROMATIC COMPOUNDS
Effect of activated nitrogen on organic substances. Part 2. P. M. Aronovich, N. K. Bel'skii, B. M. Mikhailov. Izv. AN SSSR. Otd. khim. nauk no. 6:696-701 Je '56.
Structure of continuous spectra of complex molecules (with English summary in insert). B. S. Neporent. Zhur. fiz. khim. 30 no. 5:1048-1061 My '56.

AROMATIZATION
Role of unsaturated hydrocarbons in petroleum aromatization. E. M. Tarasenkova. Trudy LIKI no. 9:123-133 '55.

ARSENIC
Allowable arsenic content in MSt. 3 open-hearth steel. B. S. Kasatkin. Stal' 16 no. 7:624-629 Jl '56.
Determination of small concentrations of arsenic. F. V. Zikovskii. Trudy Kom. anal. khim. 7:211-216 '56.

ARSHINOV, VLADIMIR VASIL'EVICH, 1879-1955
Vladimir Vasil'evich Arshinov. E. V. Rozhkova. Min. sbor. no. 9:400-401 '55.
Vladimir Vasil'evich Arshinov; obituary. E. Rozhkova, N. Sobolev. Zap. Vses. min. ob-va 85 no. 2:259-262 '56.

ART
(see also subdivision under Armenia; Egypt)
On the eve of the congress. A. Ginevskii. Iskusstvo 19 no. 3:21-24 '56.
Remarks of a young artist. A. Levitin. Iskusstvo 19 no. 3:27-28 '56.
Through the Soviet Union. Iskusstvo 19 no. 3:79-80 '56.

ART—CONGRESSES
In preparation for the artists' congress. B. Ioganson. Sov. Soiuz no. 5:18-19 My '56.

ART—EXHIBITIONS
(see also subdivision under Moscow; Moscow Province; Venice)
Abroad. Iskusstvo 19 no. 3:3 of cover '56.

ART—GALLERIES AND MUSEUMS see subdivision under Moscow; Paris; Tallinn

ART—HISTORY
A new foreign work on the history of Russian art ("Russian art and architecture." George Hamilton. Reviewed by V. Lazarev). Iskusstvo 19 no. 3:69-74 '56.

ART—STUDY AND TEACHING
(see also subdivision under Kiev)
Pictorial art in the children's home. G. V. Labunskaia. Uchob.-vosp. rab. v dets. dom. no. 30:102-118 '55.

ART, BUDDHIST see subdivision 'Buddhist art' under Korea

ART, BULGARIAN
Visiting Bulgarian artists. I. TSyrlin. Iskusstvo 19 no. 3:59-68 '56.

ART, FRENCH—EXHIBITIONS see subdivision under Moscow

ART, INDIC
Art of friendly India. Ukraina no. 11:16 Je '56.

ART, INDIC—EXHIBITIONS see subdivision under Moscow

ART, JAPANESE
Ancient Japanese art. Enami Akira. Vaem. stud. nov. 19 no. 6/7:16-19 Je-Jl '56.

ART, WHITE RUSSIAN
Present situation of White Russian art in the White Russian S. S. R. M. Kulikovich. Belaruski zbornik 3:174-196 '55.
Trial for firmness ("Ten days of White Russian art and literature in Moscow"; collection of articles. Reviewed by IA. Usikau). Belarus' 13 no. 7:31 Jl '56.

ART DEALERS
A picture is sold. Michel Rouze. V zashch. mira no. 60: 62-66 My '56.

ART IN MOTION PICTURES
Museum and cinematography. M. Alpatov. Novyi mir 32 no. 7:278-279 Jl '56.

ART INDUSTRIES
The development of applied and decorative art. S. Temerin. Iskusstvo 19 no. 3:9-17 '56.
More about art industries. B. Brodskii. Druzh. nar. no. 6:142-148 Je '56.

ART INDUSTRIES, CHINESE
Development of cooperatives in the domestic craft industry of China. Ch'en Ch'i-hai. Nar. Kit. no. 14: 10-14 Jl '56.

ART INDUSTRIES, GERMAN—EXHIBITIONS
German applied art. A. Saltykov. Iskusstvo 19 no. 3: 56-58 '56.

ART OBJECTS—EXHIBITIONS see subdivision under Peiping

ARTEMOVSK GALLERIES AND MUSEUMS
Our museum. A. IAkhontov. Ukraina no. 11:17 Je '56.

ARTERIES—DISEASES
Anichkov, N.N. [Diseases of the arteries] Zabolevaniia arterii, Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 3, no. 30)
Condition of the cardiovascular system in endarteritis obliterans of the lower extremities. V. S. Krupivner, K. K. Khmel'nitskaia. Sov. med. 20 no. 5:54-56 My '56.
Functional characteristics of large vessels in hypertension. V. P. Nikitin. Terap. arkh. 28 no. 4:10-15 '56.
Modern methods of conservative therapy of endarteritis obliterans. A. N. Shabanov. Sov. med. 20 no. 5:19-23 My '56.
Necrotic lesions of organs following angiospasms. E. A. Popova. Khirurgiia no. 5:24-27 My '56.
Oscillographic method for examining arteries in the diagnosis of endarteritis obliterans. M. D. Arslanov. Sov. med. 20 no. 5:58-61 My '56.
Periarteritis nodosa. M. G. Ivanova, IU. D. Shul'ga. Terap. arkh. 28 no. 4:80-83 '56.
Periarteritis nodosa appearing during the treatment of syphilis. F. L. Leites. Vest. ven. i derm. no. 3:49-50 My-Je '56.
Problem of periarteritis nodosa. V. D. Afanas'eva. Sov. med. 20 no. 5:42-45 My '56.

ARTERIOSCLEROSIS
Effect of nicotine on experimental atherosclerosis. K. K. Maslova. Biul. eksp. biol. med. 41 no. 6:20-23 Je '56.
Therapeutic nutrition in atherosclerosis. B. V. Il'inskii, M. P. Semenova. Sov. med. 20 no. 6:16-22 Je '56.
Vitamin C effect on blood prothrombin in atherosclerosis. M. V. Ignat'ev. Voen.-med. zhur. no. 6:70 Je '56.

ARTESIAN WELLS
(see also subdivision under United States)
Ploshakov, V.D. [Removing hydrogen sulphide from artesian water] Udalenie serovodoroda iz artezianskikh vod. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 30 p.

ARTHRITIS, RHEUMATOID
Visceral affections in systemic vasculitis and rheumatoid arthritis. E. M. Tareev. Sov. med. 20 no. 5:10-19 My '56.

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL LIMBS
Manipulable artificial arms. E. Ivanenkova. Sots. obesp. 17 no. 3:60-62 Mr '56.

ARTINITE see subdivision under Transcarpathia

ARTISTS
(see also subdivision under Chernovtsy Province)
Monographs on Soviet artists. N. Knorre. Iskusstvo 19 no. 3:74-78 '56.
Urgent problems in our creative life. F. Shurpin. Iskusstvo 19 no. 3:3-5 '56.

ARZAMAS PROVINCE—SILOS
Combined trench silos. M. Kraev. Sel'. stroi. 11 no. 7:3 Jl '56.

ASBESTOS
Engineer Cherneto's conveyor. Sov. Soiuz no. 7:26 Jl '56.

ASBESTOS CEMENT
Covering roofs with asbestos-cement tiles. A. Kozlovskii. Sel'. stroi. 11 no. 6:20-22 Je '56.

ASCARIDS AND ASCARIASIS
Acute pancreatic edema caused by ascariosis. Ton Tkhat Tung, Khoang Su, Ngien Van Van. Khirurgiia no. 5:35-47 My '56.

ASCORBIC ACID
(see also subdivision under Transbaikalia)
Assuring ample vitamin nutrition. K. S. Petrovskii. Voen.-med. zhur. no. 4:41-47 Ap '56.
Change in the ascorbic acid content of canned tomatoes. A. T. Markh, IE. H. Krotov. Ukr. biokhim. zhur. 28 no. 2:235-241 '56.
Connection between the lipase of the liver and ascorbic acid. S. I. Bondareva. Ukr. biokhim. zhur. 23 no. 4:447-452 '51.
Deposition and excretion of ascorbic acid in burns in guinea pigs which received different quantities of vitamin C. M. F. Merezhinskii, G. L. Taranovich, L. E. Taranovich. Vop. med. khim. 2 no. 1:12-16 Ja-F '56.
Effect of parathyroidin on the ascorbic acid content of animal brain. N. G. Kudriavtseva. Ukr. biokhim. zhur. 28 no. 2:242-244 '56.
Modification of the ascorbic acid content of the adrenals in guinea pigs irradiated with X-rays. L. IA. Zhorno. Med. rad. 1 no. 1:79-87 Ja-F '56.
Study of the rates of conversion of 2-keto-L-gulonic acid and of its methyl ester to L-ascorbic acid in an aqueous medium. V. L. Veksler, F. E. Shaltyko. Zhur. ob. khim. 26 no. 5:1456-1460 My '56.
Using vitamin C in hypogalactia. T. E. Vogulkina. Vop. okh. mat. i det. 1 no. 3:67-69 My-Je '56.
Vitamin C and its fluctuations in parturient women under conditions prevailing in the Far North. A. IA. Markov. Vop. okh. mat. i det. 1 no. 3:60-74 My-Je '56.
Vitamin C effect on blood prothrombin in atherosclerosis. M. V. Ignat'ev. Voen.-med. zhur. no. 6:70 Je '56.
Vitamin C ionopharesis for treating pyorrhea alveolaris. G. S. Mironenko. Voen.-med. zhur. no. 4:36-39 Ap '56.
Vitaminization of natural and dry blood plasma. F. T. Sukhenko, N. N. Priss. Vop. med. khim. 2 no. 1:32-39 Ja-F '56.

ASEEV, NIKOLAI NIKOLAEVICH, 1889-
The poet's course ("Reflections; verse." Nikolai Aseev. Reviewed by N. Stepanov). Novyi mir 32 no. 9:259-261 S '56.

ASEPTIC SURGERY see Surgery, Aseptic and antiseptic

ASGEIRSSON, ASGEIR, 1894-
People and events. Nov. vrem. 14 no. 35:30-31 Ag '56.

ASH (TREE)
(see also subdivision under Ukraine)
Characteristics of European ash seeds from various geographical sources. N. N. Varasova. Trudy Bot. inst. Ser. 4 no. 11:370-387 '56.

ASH (TREE)—DISEASES AND PESTS
The sawfly Tomostethus nigritus F., a pest of the ash in forest plantations [with English summary in insert]. A. G. Sharov. Zool. zhur. 35 no. 5:719-723 My '56.

ASHKHABAD—NEWSPAPER AND PERIODICAL CIRCULATION
Our orders are executed unsatisfactorily. L. Shatin. Raspr. pech. no. 7:10 Jl '56.

ASHKHABAD REGION—SEISMOMETRY
Seismometric observations in the Ashkhabad zone. S. V. Medvedev. Biul. Sov. po seism. no. 1:46-60 '55.

ASHT REGION—SALT
Increasing salt production in Asht District and the use of salt resources. Sh. M. Solomonov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:119-122 '56.

ASHTARAK DISTRICT—PRUNE
Cultivation of prune in Ashtarak District in the Armenian S. S. R. [in Armenian with summary in Russian]. E. S. Morikian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:55-57 Je '56.

ASIA—FOREIGN RELATIONS—RUSSIA
Ideas of internationalism and the national liberation movement. Sovremennik. Nov. vrem. 14 no. 30:3-7 Jl '56.
Visiting Asiatic countries. Sov. Soiuz no. 5:4 My '56.

ASIA—HISTORY
Vorob'ev-Desiatovskii, V. S., and others. [Outline history of the ancient East] Ocherki istorii drevnego Vostoka. Pod red. V. V. Struve. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 275 p.

ASIA—POLITICS
Formation of the Korean Committee for Solidarity with the Asian countries. Nov. Kor. no. 6:41 Je '56.

ASIA, CENTRAL—HISTORY
Some unknown sources for the history of Central Asia in the 19th century. A. Mukhtarov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:97-101 '56.

ASIA, SOUTHEASTERN—ECONOMIC ASSISTANCE, AMERICAN

American "assistance" and the countries of Southeastern Asia. IU. Shvedkov. Mezhdunar. zhizn' no. 8:87-98 Je '56.

ASIA, SOUTHEASTERN—STUDENTS

Report from Asia. Ade Tomas. Vsem. stud. nov. 10 no. 6/7:7 Je-Jl '56.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIA MINOR—ART

Relation of the art of ancient Egypt to the art in the countries of Asia Minor [with English summary in insert]. S. I. Khodzhash. Sov. vostokoved. no. 3:109-118 '56.

ASPHALT

Flow sheet for the economical regeneration of propane at deasphalting plants. I. I. Shteingol'ts, B. I. Lupenko. Khim. i tekh. topl. no. 7:44-50 Jl '56.

Sereda, IA. I. [A method of group chemical analysis of the organic mass of acidic asphalts] Method analiza gruppovogo khimicheskogo sostava organicheskoi massy kislykh gudronov. Kiev, Izd-vo Akademii nauk USSR, 1956. 95 p.

Using propane for extracting asphalt from petroleum products. (Theory of solubility). N. F. Bogdanov. Khim. i tekh. topl. no. 3:42-50 Mr '56.

ASPHALT CONCRETE

Using asphalt concrete for facing trench silos. M. Bagirov. Sel'. stroi. 11 no. 7:29 Jl '56.

ASPHYXIA

Capillary permeability in intracranial birth injuries and asphyxia in the newborn. IA. F. Neplotnik. Pediatriia 39 no. 3: 70-74 My-Je '56.

ASSAYING APPARATUS

Simplified method of treating metal ore assaying samples. E. M. Kviatkovskii, I. S. TSigel'man. Razved. i okhr. nedr 22 no. 5:28-31 My '56.

ASSEMBLY-LINE METHODS

Production line for making barrels. S. D. Andreev, L. N. Nikolaev. Der. prom. 5 no. 6:25 Je '56.

ASSOCIATIONS see Clubs

ASTEROIDS see Planets, Minor

ASTRAKHAN—BARRELS

Production line for making barrels. S. D. Andreev, L. N. Nikolaev. Der. prom. 5 no. 6:25 Je '56.

ASTRAKHAN—FISHERY PRODUCTS

Valuable initiative of leading production workers at the A. I. Mikoyan Fishery in Astrakhan. I. G. Al'pert. Ryb. khoz. 32 no. 6:51-56 Je '56.

ASTRAKHAN—MOTION-PICTURE THEATERS

Film center. S. Bykov. Kinomekhanik no. 7:9-10 Jl '56.

ASTRAKHAN PROVINCE—CAMELS

Work capacity trials for camels of the Astrakhan breed. S. Terent'ev. Konevodstvo 26 no. 9:27-29 S '56.

ASTRAKHAN PROVINCE—COMMUNITY CENTERS

For stockbreeders and fishermen. V. Firstov. Kul't.-pros. rab. 17 no. 8:13-16 Ag '56.

ASTRAKHAN PROVINCE—DUCKS

Unused resource in poultry breeding. A. A. Krikun. Zhivotnovodstvo no. 6:80-81 Je '56.

ASTRINGENTS

The dosage of certain astringents in gastrointestinal diseases of fur-bearing animals. P. E. Radkevich, T. P. Veselova, L. M. Balakina. Kar. i zver. 9 no. 3: 50-51 My-Je '56.

ASTRONOMICAL INSTRUMENTS—EXHIBITIONS see subdivision under Peiping

ASTRONOMICAL OBSERVATORIES see subdivision under Samarkand

ASTRONOMICAL PHOTOGRAPHY

Processing meteor photographs on stereocomparator. N. D. Rosenblium. Astron. tsirk. no. 166:22-23 '56.

ASTRONOMY

(see also subdivision under Ukraine)

Vorontsov-Vel'iaminov, B.A. [Astronomy; a textbook for class 10 of the secondary school] Astronomiia; uchebnik dlia X klassa srednei shkoly. Izd. 10-oe, perer. i sokrashchen. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 143 p.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy; abstracts nos. 4860-5363] Referativnyi zhurnal: Astronomiia i geodeziia no. 9 S '56.

ASTRONOMY—BIBLIOGRAPHY see Bibliography—Astronomy

ASTRONOMY—CONGRESSES

Second congress of the All-Union Astronomical-Geodetic Society. V. A. Bronshten. Biu. VAGO no. 17:3-13 '56.

ASTRONOMY—OBSERVATIONS

Astronomical observations from September to December, 1956. P. I. Popov. Fiz. v shkole 16 no. 4:54-56 Jl-Ag '56.

ASTRONOMY, SPHERICAL AND PRACTICAL see subdivision under Poltava

ATHEISM

Scientific and atheistic literature for the masses. I. Kryvelev. Part. zhizn' no. 13:67-73 Jl '56.

ATHERINE see subdivision under Black Sea

ATHLETES

Champions and record holders. Sov. Soiuz no. 8:20-21 Ag '56.

Champions and record holders. Sov. Soiuz no. 8:24-25 Ag '56.

Olympic games participants at home. Fizk. i sport 26 no. 7:18-20 '56.

They will be seen in Moscow. A. Galitskii, V. Frolov. Fizk. i sport 26 no. 7:3-5 Je '56.

They will go to Melbourne. B. Larin, V. Frolov. Sov. zhen. 12 no. 10:2-3 O '56.

ATHLETES—DISEASES AND HYGIENE

Hypertension developing in athletes as a result of poorly organized training. E. N. Shlius. Voen.-med. zhur. no. 9:26-28 S '55.

ATHLETIC FIELDS

Build a stadium on every collective farm. L. Bulatov, V. Gneushev. Mol. komm. 14 no. 7:113-114 Jl '56.

Patrons from Kyrchany. V. Shachkov. Vozhatyi 32 no. 8:35-36 Ag '56.

The school stadium. S. Serba. Vozhatyi 32 no. 8:34-35 Ag '56.

Sports: Construction in the camp. V. Polikarpov. Pioner no. 6:70-72 Je '56.

This will be carried out in the new five-year plan. Fizk. i sport 26 no. 7:4-5 '56.

ATHLETICS

(see also subdivision under Hungary; Kiev; Mexico; Mordovo District)

Get ready for the Spartakiada. Ogonek 34 no. 30:1 Jl '56.

Soviet sports victories in 1947; in foreign countries and in home stadiums. S. Sokolov. Ogonek 25 no. 52:26-30 D '47.

Spartakiada of the Peoples of the U. S. S. R. N. Romanov. Ogonek 34 no. 25:0 Je '56.

Summary of E. M. Kozhukhar's article on the "Activity of amylase in athletes before the start of sports events." Teor. i prak. fiz. kul't. 19 no. 7:547 Jl '56.

We are ready for the Spartakiada. Ogonek 34 no. 30:26-27 Jl '56.

ATMOSPHERE

Jet stream. V. A. Dzhordzhio. Meteor. i gidrol. no. 6: 49-50 Je '56.

Problem on determining the tropopause. I. F. Kvaratskheliia. Meteor. i gidrol. no. 6:30-32 Je '56.

Seasonal changes of jet streams. S. A. Mashkovich. Meteor. i gidrol. no. 6:14-21 Je '56.

Zavarina, M. V. [The atmosphere] Atmosfera. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 127 p.

ATMOSPHERE, UPPER

Meteorolgoical conditions of flights at high altitudes. D. Timofeev. Grazhd. av. 13 no. 7:14-16 Jl '56.

Ozone in the stratosphere. I. A. Khvostikov. Usp. fiz. nauk 59 no. 2:229-323 Je '56.

ATMOSPHERIC ELECTRICITY

Results of measuring electric charges of particles of precipitation in the free atmosphere. N. V. Krasnogorskaia. Izv. AN SSSR. Ser. geofiz. no. 7:844-852 Jl '56.

ATMOSPHERIC PRESSURE

Distribution of atmospheric pressure at sea level. A. M. Mkhitarian. Izv. AN SSSR. Ser. geofiz. no. 7:831-834 Jl '56.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Effect of the dropping of atmospheric pressure on the permeability of blood vessels of the inner ear. I. M. Maerovich. Voen.-med. zhur. no. 9:32-36 S '55.

ATMOSPHERIC TEMPERATURE

Determining the soil temperature on the basis of the air temperature during planting and germination of corn. IU. I. Chirkov. Meteor. i gidrol. no. 6:32-34 Je '56.

Development of air temperature over ocean currents. N. L. Byzova. Trudy MGI 7:126-134 '56.

Effect of cloud and rain drops on atmospheric temperature measurement from an airplane. V. A. Zaitsev, A. A. Ledokhovich. Meteor. i gidrol. no. 6:41-44 Je '56.

Method of theoretical determination of the vertical gradient of air temperature. M. S. Malkevich. Izv. AN SSSR. Ser. geofiz. no. 6:676-688 Je '56.

Microstructure of the temperature field in the atmospheric layer near the ground. V. I. Tatarskii. Izv. AN SSSR. Ser. geofiz. no. 6:689-699 Je '56.

The third type of atmospheric thermal process. L. A. Korneva. Trudy MGI 7:120-125 '56.

The warmest month of the year. A. P. Gal'tsov. Priroda 45 no. 7:124 Jl '56.

ATMOSPHERIC TURBULENCE

Effect of turbulent friction on the movement of air particles. M. I. Ruzin. Izv. AN SSSR. Ser. geofiz. no. 6:722-727 Je '56.

ATOMIC BOMB

(see also subdivision under Japan; Marshall Islands)

A danger which must be eliminated. F. Krotkov. Nov. vrem. 14 no. 34:11-13 Ag '56.

Ivanov, A.I. [Nuclear radiation of atomic explosions] IAdernyo izluchenila atomnogo vzryva. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 211 p.

Japanese scientists against testing and using nuclear weapons. Hideomi Tauge. Vest. AN SSSR 26 no. 8: 97-100 Je '56.

ATOMIC BOMB—PHYSIOLOGICAL EFFECT

Combined lesions of the nervous system in atomic explosions. V. A. Baranov. Voen.-med. zhur. no. 4:21-26 Ap '56.

ATOMIC ENERGY

Atomic locomotive, automobile, and airplane. IU. Moralevich. Pioner no. 6:49-52 Je '56.

Trifonov, An. [Atomic energy in the service of man; notes on atomic engineering and nuclear research] Atomnaia energiia - na sluzhbu cheloveku; zametki ob atomnoi tekhnike i iadernykh issledovaniiakh. Moskva, Izd-vo "Pravda," 1956. 110 p.

ATOMIC LOCOMOTIVES

Atomic locomotive. A. Shmakova. Tekh. mol. 24 no. 6:8 Je '56.

ATOMIC MASS

Renormalization of mass in the Tamm-Dankov method. D. A. Kirzhnits. Zhur. eksp. i teor. fiz. 30 no. 5:971-973 My '56.

ATOMIC POWER

(see also subdivision under Europe; France)

Atomic Russia; impressions (to be continued). Vladimir Orlov. Nash. sovr. 2:200-225 '56.

Economic efficiency of atomic power plants. I. S. Atom. energ. no. 3:143-144 '56.

Fictitious aid. Mezhdunar. zhizn' no. 7:123-124 Jl '56.

Our friend the atom. Sov. Soiuz no. 5:12-13 My '56.

Problems in the development of atomic power in the U. S. S. R. I. V. Kurchatov. Atom. energ. no. 3:5-10 '56.

ATOMIC POWER—BIBLIOGRAPHY see Bibliography—Atomic power

ATOMIC POWER—CONGRESSES see subdivision under Geneva

ATOMIC POWER—INTERNATIONAL CONTROL

When arguments are inadequate. A. Kurov. Nov. vrem. 14 no. 31:14-15 Jl '56.

ATOMIC POWER—PERIODICALS

For extending international scientific relations. [A. Gorelik. Mezhdunar. zhizn' no. 6:140-142 Je '56.

ATOMIC POWER INDUSTRY

(see also subdivision under Europe; United States)

Atomic electric power stations. V. Aleshin. Tekh. mol. 23[i. e. 24] no. 7:5-8 Jl '56.

ATOMIC SHIPS

Atomic icebreaker. H. Iliadyshev. Zmina no. 7:14-15 Jl '56.

Atomic icebreaker. Sov. Soiuz no. 4:5 Ap '56.

Atomic ship amidst ice. Rabotnitsa 34 no. 7:20 Jl '56.

Atomic ships. V. V. Zvankov. Belarus' 13 no. 8:8 Ag '56.

ATOMIC SUBMARINES see subdivision under United States

ATOMIC WARFARE

Antiatomic defense of airports. I. Goviazin, G. Zapol'skii. Kryl. rod. 7 no. 7:20 Jl '56.

Individual and collective defense methods. L. Dostovalov. Sov. kras. krest 6 no. 3:21-22 My-Je '56.

ATOMIZATION

Coagulation in the atomization of fluids. V. F. Dunskii. Zhur. tekh. fiz. 26 no. 6:1262-1268 Je '56.

ATOMS

Schrödingers's coordinate function for an arbitrary state of a many-electron atom. I. V. Abarenkov. Vest. Len. un. 11 no. 10:43-54 '56.

Surface migration of tungsten atoms in an electric field. I. L. Sokol'skaia. Zhur. tekh. fiz. 26 no. 6: 1177-1184 Je '56.

ATOMS—SPACE ARRANGEMENT see Stereochemistry

ATOMS—STUDY AND TEACHING

Exposition of the subject "The structure of atoms" ("The structure of atoms in the school program on chemistry." T. M. Drizovskaia. Reviewed by N. N. Krupitvin). Khim. v shkole 11 no. 4:76-78 Jl '56.

First step in teaching the concept "atom." D. M. Kirinshkin. Khim. v shkole 11 no. 4:36-40 Jl '56.

ATTACK AND DEFENSE (MILITARY SCIENCE)

Attack. A. Novgorodov. Voen. znan. 31[i. e. 32] no. 5:12-13 My '56.

ATTEMPT, CRIMINAL see Criminal attempt

ATTENTION

Individual approach to the development of attention to young pupils. M. S. Gorbach. Nach. shkola 24 no. 7: 11-15 Jl '56.

AUDIOMETRY

New methods for measuring human hearing and the results achieved by these measurements. G. V. Gershuni. Akust. zhur. 2 no. 2:137-141 Ap-Je '56.

AUDITING
(see also subdivision under Leningrad)

Ensure improvement of control and auditing work. A. Pugolovkin. Fin. SSSR 17 no. 7:30-38 Jl '56.

"Organization and methods in auditing machine-tractor stations." A. Volovik, M. Slavkin. Reviewed by A. Kolonov. Fin. SSSR 17 no. 6:89-91 Je '56.

AURAMINE

Condensation of auramine with 2-aminothiazole derivatives. G. M. Oksengendler, A. I. Kiprianov. Ukr. khim. zhur. 17 no. 5:736-743 '51.

AUREOMYCIN

Biomycin treatment for chronic dysentery in children. L. M. Khitrova. Pediatriia 39 no. 3:41-44 My-Je '56.

Prevention of peritonitis with biomycin; experimental investigation. O. S. Illartonova. Khirurgiia no. 5:59-63 My '56.

Result of treating thermal burns with synthomycin and biomycin. I. V. Danilov, L. G. Fishman, B. N. Lein. Khirurgiia no. 5:9-12 My '56.

Treatment of periodontitis with streptomycin and biomycin. G. A. Skotnikova. Stomatologiia 35 no. 3:14-16 My-Je '56.

AUSTENITE

Austenite stabilization at temperatures higher than the martensite transformation interval. K. A. Malyshev, N. A. Borodina, V. A. Mirmel'shtein. Fiz. met. i metalloved. 2 no. 2:277-284 '56.

Structural non-uniformity of austenite micrograins subjected to high temperatures. V. I. Prosvirin. Izv. AN SSSR. Otd. tekh. nauk no. 9:117-120 S '56.

AUSTRALIA—DESCRIPTION AND TRAVEL

Australian impressions. T. Eremeev, I. Mikhailov. Nov. vrem. 14 no. 20:24-26 Jl '56.

AUSTRALIA—ROLLING MILLS

Wide strip mill in Australia. (From "Chemical Engineering and Mining Review" no. 2, 1955). B. Bur'ianov. Metallurg no. 7:40 Jl '56.

AUSTRALIA—RUNNING

How I broke Ikharosh's record. Dave Stevens. Mol. mira no. 4:20-21 '56.

AUSTRALIA—TRADE UNIONS

Australian impressions. T. Eremeev, I. Mikhailov. Nov. vrem. 14 no. 20:24-26 Jl '56.

AUSTRIA—ECONOMIC CONDITIONS

Central Europe in the summer of 1956. L. Bozymenskii. Nov. vrem. 14 no. 35:26-29 Ag '56.

AUSTRIA—ELECTIONS

Parliamentary elections in Austria. Mezhdunar. zhizn' no. 6:121-122 Je '56.

AUSTRIA—ELECTRIC POWER

Figures on power consumption of industrial establishments in West Germany and Austria (Energie, no. 11, 1955). Prom. energ. 11 no. 5:30-32 My '56.

AUSTRIA—LOCKS (HYDRAULIC ENGINEERING)

Navigation locks on the Danube in Austria. V. A. Sokolov. Gidr. stroi. 25 no. 4:57-58 My '56.

AUSTRIA—POLITICS AND GOVERNMENT

Central Europe in the summer of 1956. L. Bozymenskii. Nov. vrem. 14 no. 35:26-29 Ag '56.

AUSTRIA—SMELTING

Converter plant operating on pure oxygen. (From "Iron and Steel Engineer" no. 10, 1955). A. Notesin. Metallurg no. 6:3 of cover Je '56.

AUTHORS
(see also subdivision under Khabarovsk; Soviet Far East)

Brief notes about authors. Inostr. lit. no. 7:266 Jl '56.

Comments on M. Sholokhov's letter to the editor of "Inostrannaia literatura." Inostr. lit. no. 7:207-219 Jl '56.

AUTHORS, ARMENIAN

Armenian art. Marietta Shaginian. Krest'ianka 35 no. 7:20-21 Jl '56.

AUTHORS, CHINESE

We shall strive for the flourishing of Chinese literature. Liu Pei-yu. Nar. Kit. no. 12:11-14 Je '56.

AUTHORS AND READERS

The author and the reader. B. Bialik. Neva no. 6:161-166 Je '56.

Promoting the publications of local writers. M. Kutuzova, V. Kenzina. Bibliotekar' no. 8:44-46 Ag '56.

AUTHORS AND THE THEATER

Experience awaiting its understanding. Teatr 17 no. 7: 151 Jl '56.

AUTHORSHIP

A book about the writer's work ("The golden rose." K. Paustovskii. Reviewed by Gr. Solov'ev). Zvezda no. 7:185-186 Jl '56.

Figure of a laboring man. Mekhti Gusein. Lit. Azerb. 14 no. 7:79-82 Jl '56.

Novikov, Ivan. [The writer and his work] Pisatel' i ego tvorchestvo. Moskva, Sovetskii pisatel', 1956. 522 p.

AUTHORSHIP—COLLABORATION

Coauthor. M. Kuleshov. Sov. pech. no. 6:56-57 Je '56.

AUTHORSHIP—PERIODICALS see subdivision under Great Britain

AUTOCLAVES

Interaction of portland cement and crystalline silica during treatment in autoclaves. IU. M. Butt, L. N. Rashkovich. TSement 22 no. 2:21-26 Mr-Ap '56.

AUTOLYSIS

Enzymatic activity of decomposition products of trypsin, chymotrypsin, and pepsin. M. P. Chernikov. Vop. med. khim. 2 no. 1:59-63 Ja-F '56.

AUTOMATIC CONTROL
(see also subdivision under Czechoslovakia; Liblice; Milan)

Akademiia nauk SSSR. Komissiia po tekhnologii mashinostroeniia. [Automatization of the technological processes in machine construction; the machining of metals and the general problems of automatization] Avtomatizatsiia tekhnologicheskikh protsessov v mashinostroenii; obrabotka metallov rezaniem i obshchie voprosy avtomatizatsii. Moskva, 1956. 326 p.

All-Union Conference on Automatization of Industrial Processes in Iron Metallurgy. G. Martynov, I. Shitov. Gor. zhur. no. 7:3 of cover Jl '56.

Approximate investigation of conversion processes in nonlinear automatic systems by the method of harmonic linearization. E. P. Popov. Izv. AN SSSR. Otd. tekh. nauk no. 9:3-23 S '56.

Automatic and remote control of mining installations. A. I. Gorskii and others. Gor. zhur. no. 7:12-19 Jl '56.

Automatic control. V. Fadin, E. Fadin. Tekh. mol. 24 no. 6:16-18 Je '56.

[Automatic control in electric power stations; the experience of electric stations of the Molotov power system in automatization of thermal processes] Avtomatika na elektrostantsiiakh; iz opyta avtomatizatsii teplovykh protsessov na elektrostantsiiakh Molotovenergo. Molotov, Molotovskoe kn-vo, 1956. 94 p.

Automatic control of coal mills. V. S. Lanin. TSement 22 no. 2:17-21 Mr-Ap '56.

Automatic control of high-voltage power capacitors. K. F. Solov'ev. Prom. energ. 11 no. 6:18-20 Je '56.

Automatic control systems used on machine tools. V. V. Vasmanov. Stan. i instr. 27 no. 6:19-22 Je '56.

Automatic device to prevent the overfilling of runners with ore. O. K. TSvet. met. 29 no. 6:69-70 Je '56.

Automatic fuel cut-off device used in open-hearth furnace spray burners. N. S. Bugrov. Metallurg no. 6:38-40 Je '56.

Automatic signaling and block system for conveyor with feeder of a slag block unit. A. B. Tipolianskii. Rats. i izobr. predl. v stroi. no. 130:23-26 '56.

Automation of boiler sections of industrial establishments. IU. A. Shlionzberg, A. A. Khrol'. Energetik 4 no. 7:1-4 Jl '56.

Automatization of commercial-type ammonia refrigerating plants. V. IAkobson, V. Shavra. Khol. tekhn. 33 no. 2:11-17 Ap-Je '56.

Automatization of flame furnaces in nonferrous metallurgy. M. N. Granovskaia. TSvet. met. 29 no. 6:44-46 Je '56.

Automatization of mine transportation and hoisting installations in foreign countries. V. K. IAsnyi. Gor. zhur. no. 7:28-34 Jl '56.

Automatization of open-hearth furnaces with gaseous fuel. I. G. Mitin. Metallurg no. 3:16-18 Mr '56.

Automatization of rolling mills. A. B. Chelnokin. Metallurg. no. 4:21-24 Ap '56.

Automatization tasks in the mining industry. E. A. Krasnianskii. Gor. zhur. no. 7:3-6 Jl '56.

Automatized installations in Krivoy Rog Basin mines. L. G. Zhivov. Gor. zhur. no. 7:19-25 Jl '56.

Automatizing the control of linear dimensions of wooden parts. A. I. Isakov. Der. prom. 5 no. 7:8-12 Jl '56.

Electromechanical regulator of the level and recirculation of condensate in a turbine condenser. S. G. Avrutin. Elek. sta. 27 no. 6:53-55 Je '56.

Giant controlled by electrons. V. Feigin. Tekh. mol. 23[i. e. 24] no. 7:12-13 Jl '56.

Greater use of control measuring instruments and automatic regulators in the industry. A. A. Vershinin. Ryb. khoz. 32 no. 6:24-26 Je '56.

Kaplanov, M.R., and V.A.Levin. [Automatic frequency control] Avtomaticheskaia podstroika chastoty, Izd. 2-oe, dop. Moskva, Gos. energ. izd-vo, 1956. 200 p.

Kuz'min, P.I. [Selection and calculation of throttles for control units] Vybor i rashchet drossel'nykh regulirutushchikh organov. Moskva, Gos. energ. izd-vo, 1956. 111 p.

Mechanization and automatization of steel pouring. A. P. Varshavskii, A. N. Fotev. Metallurg no. 5:39-40, 3 of cover My '56.

New technology at enterprises. Blok. agit. no. 28:25-30 O '56.

On the verge of irreality. IU. Petrovskii. Znan. sila 31 no. 7:17-24 Jl '56.

Preis, V., and others. [Mechanization and automatization of production; the experience of the Tula machine construction plant] Mekhanizatsiia i avtomatizatsiia proizvodstva; iz opyta Tul'skikh predprijatii mashinostroeniia. [Tula] Tul'skoe kn-vo, 1956. 95 p.

Program control of metalworking machines. I. I. Artobolevskii, M. L. Bykhovskii. Vest. AN SSSR 26 no. 6: 51-57 Je '56.

Solenoid valve control diagram. N. Simonov. Khol. tekh. 33 no. 2:61-62 Ap-Je '56.

Theory of reserve elements in automatic systems. A. V. Malorov. Izv. AN SSSR. Otd. tekh. nauk no. 9:106-110 S '56.

Trains are operated by automatic machines. Vl. Rudim. Ogonek 34 no. 25:14-15 Je '56.

A type of autovibration in systems with controlled angular coordinates. L. A. Pusset. Izv. AN SSSR. Otd. tekh. nauk no. 9:24-30 S '56.

Universal telemechanical apparatus. M. S. Zymbalevs'kyi. Mekh. stil'. hosp. 7 no. 7:26-27 Jl '56.

Ways to automatize electric railroads in mining. A. V. Rys'ev. Gor. zhur. no. 7:7-12 Jl '56.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATION
(see also subdivision under United States)

The age of automatic machinery. M. Arlazorov. IUnost' no. 7:98-105 Jl '56.

Electrification and labor resources in Eastern Siberia. L. Semenov. Sots. trud no. 7:13-19 Jl '56.

Rate of progress in fulfilling the development of automatization and telemechanics of production processes. Vest. AN SSSR 26 no. 7:69-70 Jl '56.

Trade unions and automation. Vsem. prof. dvizh. no. 6: 1-3 Je '56.

The use of computing machines in automatic control. B. Sotskov. Mosk. prop. 13 no. 5:65-69 My '56.

What automation does to workers of capitalist countries; figures and facts. Blok. agit. no. 25:27-31 S '56.

AUTOMOBILE DRIVERS
(see also subdivision under Liepaja)

How collective farm drivers are paid. Mekh. sil'. hosp. 7 no. 6:3 of cover Je '56.

Improve the quality of driver training. Avt. transp. 34 no. 5:1-2 My '56.

New programs for training and raising the qualifications of drivers. B. Romanov, V. Soroshkin. Avt. transp. 34 no. 5:30-31 My '56.

A pamphlet which does not reveal the innovator's experience ("Behind the wheel of a truck." N. Diagilev. Reviewed by A. Solov'ev.) Avt. transp. 34 no. 5:39 My '56.

School for motorists; in order to avoid accidents. V. Rudel'son. Rabotnitsa 32 no. 6:27-28 Je '56.

AUTOMOBILE ENGINEERING RESEARCH

Scientific research and experimental work carried out by the institutes and plants of the automobile and tractor industry. Avt. i trakt. prom. no. 6:44 Je '56.

AUTOMOBILE INDUSTRY
(see also subdivision under China; Moscow)

Assuring the efficient development of automobile construction in the U. S. S. R. D. P. Velikanov. Trudy lab. dvig. no. 2:5-18 '56.

Inventions and efficiency proposals adopted by enterprises of the automobile and tractor industry. Avt. i trakt. prom. no. 6:45 Je '56.

AUTOMOBILE INDUSTRY (Continued)

Raising wages artificially. N. Adestov. Sots. trud no. 7: 99-100 Jl '56.

Specialization in the factories of the Main Administration of Automobile and Tractor Parts Industries. V. I. Shakhovtsev. Avt. i trakt. prom. no. 6:1-3 Je '56.

AUTOMOBILE INDUSTRY—ACCOUNTING
(see also subdivision under Moscow)

Shortcomings in planning and computing the basic technical and economic indexes of work in plants. N. Antonov. Vop. ekon. no. 8:146-147 Ag '56.

AUTOMOBILE STEEL see Steel, Automobile

AUTOMOBILE TRUCKS see Motor trucks

AUTOMOBILES

Anokhin, V. I. [Soviet automobiles; a reference book] Sovetskie avtomobili; spravochnik. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 1. 1950. 612 p.

The automobile is gathering speed. H. Bezhorodova. Zmina no. 7:14 Jl '56.

Automobiles that we are waiting to see. G. Taurit. Ogonek 34 no. 37:14 S '56.

Experimental passenger car with increased roadability. S. Glazunov. Avt. transp. 34 no. 5:28-29 My '56.

Kuniaev, N.A. [The GAZ-69 automobile] Avtomobil' "GAZ-69." Moskva, Izd-vo DOSAAF, 1956. 109 p.

Lateral stability of automobiles during their uniformly changing motion on curves. V. M. Klennikov. Trudy lab. dvig. no. 2:54-66 '56.

M-72 passenger car. IE. O. Kanarchuk. Mekh. sil'. hosp. 7 no. 6:28-29 Je '56.

On roads and without roads. A. Karpenko. Sov. Soiuz no. 5:16-17 My '56.

Theoretical principles of the accelerating-coasting method of automobile driving. V. A. Petrov. Trudy lab. dvig. no. 2:42-53 '56.

Velikanov, D. P. [Operational characteristics of Soviet automobiles] Eksploatatsionnye kachestva otechestvennykh avtomobilei. Izd. 2-oe, dop. i perer. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 236 p.

AUTOMOBILES—BIBLIOGRAPHY see Bibliography—Automobiles

AUTOMOBILES—BODIES

Body maintenance for passenger cars. A. Kats. Avt. transp. 34 no. 6:18-19 Je '56.

Using cold-rolled sheets of nonaged steels for stamping body parts of passenger cars. N. S. Zverev. Avt. i trakt. prom. no. 6:31-32 Je '56.

AUTOMOBILES—CYLINDERS

Using the method of the scratch marks for studying the wearability of cylinders. E. A. Chudakov, S. E. Ostrovskaia. Tren. i izn. mash. no. 7:72-77 '53.

AUTOMOBILES—ENGINES

Calculating the theoretical cycle of internal combustion piston engines by taking dissociation into account. I. L. Varshavskii, A. M. Dolgopiatov, V. A. Lur'e. Trudy lab. dvig. no. 1:5-32 '55.

Critical temperature in piston varnishing. K. K. Papok, B. S. Zuseva. Khim. i tekh. topl. no. 3:70-72 Mr '56.

Knock testing of automobile engines. M. IA. Gal'perin, A. P. Lebedinskii, R. G. Zelenskaia. Trudy lab. dvig. no. 1:61-87 '55.

On deposits in intake pipes of carburetor engines. G. Grigor'ian, B. Kurov. Avt. transp. 34 no. 6:12-14 Je '56.

AUTOMOBILES—ENGINES—TESTING

Estimating engine cylinder wear by the "lune cutting" method and comparing it with other existing methods. N. N. Volkova. Trudy lab. dvig. no. 1:114-121 '55.

AUTOMOBILES—FUEL SYSTEMS

[illegible]oniquid fuel and prospects for their [illegible]. B. V. Gol'd, V. A. Kiseleva. Trudy

[illegible] fuel systems of [illegible]a. Avt. i trakt. prom.

[illegible]book] [illegible]zd-vo

[illegible] [illegible] carriage." E. I. Gagarin. Trudy Inst. ist. est. i tekh. 8:185-208 '56.

AUTOMOBILES—LIGHTING

Make automobiles with turning headlights. B. K. Herasymov. Mekh. sil'. hosp. 7 no. 8:7 Ag '56.

AUTOMOBILES—LUBRICATION
(see also subdivision under Great Britain)

Effect of metals on the gumming properties of oils. K. K. Papok, B. S. Zuseva. Khim. i tekh. topl. no. 5:64-69 My '56.

Effect of water on the stability of additives in motor oils. V. I. Sharapov. Khim. i tekh. topl. no. 4:63-64 Ap '56.

Operating properties of motor oils derived from Eastern sulfurous petroleums. V. Filippov, P. IUrchenko. Avt. transp. 34 no. 5:21-23 My '56.

Sludge formation in automobile carburetor engines. A. B. Vipper, K. K. Papok. Khim. i tekh. topl. no. 4: 59-62 Ap '56.

AUTOMOBILES—MAINTENANCE
(see also subdivision under Germany, East)

New equipment for washing automobiles. B. Zalkovskii. Avt. transp. 34 no. 5:15-16 My '56.

Participation of drivers in the daily maintenance of automobiles. P. Neplivoda. Avt. transp. 34 no. 6:7 Je '56.

Resources for increasing the labor productivity of repair and service workers. L. Golitsyn. Avt. transp. 34 no. 5:19-21 May '56.

AUTOMOBILES—MAINTENANCE—STUDY AND TEACHING

Experience in teaching students of automobile schools technical servicing of automobiles in truck fleet establishments. I. Chumak. Avt. transp. 34 no. 6:28-29 Je '56.

AUTOMOBILES—REPAIRING
(see also subdivision under Kiev)

Effective methods of preparing surfaces for electric metal spraying in automobile and tractor repair. G. A. Abramov. Sbor. nauch. rab. LIMSKII 9:55-70 '53.

Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Technology and organization of the technical servicing of automobiles] Tekhnologiia i organizatsiia tekhnicheskogo obsluzhivaniia avtomobilei v avtokhoziaistvakh. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 279 p.

Reference book not answering the tasks of fixing industrial norms ("Manual of unified time norms automobile repair." Reviewed by S. Petrukhin, G. Kozyrev.) Avt. transp. 34 no. 6:39 Je '56.

The textbook "Automobile repair." Pt. 2. V. V. Efremov. Reviewed by B. V. Klebanov, V. G. Kuz'min. Sred. spets. obr. no. 7:59-61 Jl '56.

AUTOMOBILES—REPAIRING—SAFETY MEASURES

Chekrygin, I. G. [Safety measures in the servicing and repairing of automobiles] Tekhnika bezopasnosti pri tekhnicheskom obsluzhivanii i remonte avtomobilei. Izd. 2-oe. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 49 p. (Tekhnika bezopasnosti na avtotransporte)

AUTOMOBILES—SIGNALS see Signals and signaling, Automotive

AUTOMOBILES—STEERING GEAR

Estimating the maneuverability of automobiles by the composite amplitude of vibration of the steering wheels. IU. G. Stefanovich. Trudy lab. dvig. no. 2:80-90 '56.

AUTOMOBILES—STUDY AND TEACHING see subdivision under Kiev

AUTOMOBILES—TIRES

Elastic anti-skidding shoes. V. Dubynin. Avt. transp. 34 no. 5:33 My '56.

AUTOMOBILES—TOURING

On the way to Vladivostok; traveler's notes. Viktor Urin. Smena 33 no. 14:4-5 Jl '56.

Twenty-four hours in an automobile; critical travel notes. IU. Dolmatovskii. Novyi mir 32 no. 6:179-194 Je '56.

AUTOMOBILES—TRAILERS

Improvements in the design of the U2-AP-3 automobile trailer hitch. V. Zhestkov, P. Malinovskii. Avt. transp. 34 no. 5:27-28 My '56.

AUTOMOBILES—TRANSMISSION DEVICES

Repairing the synchro-mesh transmission of the MAZ-200 automobile. M. Zapisov. Avt. transp. 34 no. 6:24 Je '56.

Repairing the tube of the propeller shaft of ZIS-150 automobiles. L. Korolev. Avt. transp. 34 no. 5:32 My '56.

Shot peening the transmission gears of the Moskvich automobile. K. A. Nabatova and others. Avt. i trakt. prom. no. 6:28-31 Je '56.

Studying differentials for high-efficiency machines. M. S. Gorbunov. Sbor. nauch. rab. LIMSKII 9:170-197 '53.

Testing an experimental hydraulic clutch in a ZIS-150 car. N. G. Ul'ianov. Sborn. trud. lab. prob. bystr. mash. 3: 205-213 '53.

Using tensometry in measuring the torque in the power transmission system of automobiles and trolleybuses. I. S. Lunev. Trudy lab. dvig. no. 2:108-119 '56.

AUTOMOBILES—TRANSMISSION DEVICES, AUTOMATIC see subdivision under United States

AUTOMOBILES, MILITARY see subdivision under United States

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AVALANCHES

Avalanche graphs. A. G. Baibuev, G. K. Sulakvelidze. [illegible] AN Gruz. SSR 12:157-161 '53.

Some problems in the theory of the formation and movement of snow slides. D. N. Gongadze. Trudy Inst. geofiz. AN Gruz. SSR 13:161-174 '54.

AVDEYEVKA DISTRICT—MACHINE-TRACTOR STATIONS

How we won the privilege to participate in the exhibition. O. P. Smirnov. Mekh. sil'. hosp. 7 no. 6:3-4 Je '56.

AVDUSIN, PAVEL PAVLOVICH, d. 1955

P. P. Avdusin; obituary. Pochvovedenie no. 5:126 My '56.

AVIATION MEDICINE

Biological problems of interplanetary flight. I. S. Balakhovskii, V. B. Malkin. Priroda 45 no. 8:15-21 Ag '56.

A book which did not justify the hope of specialists in aviation medicine ("Work practice in the field of aviation neurology and problems of prophylaxis." D. I. Pisarev. Reviewed by K. N. Kulakov, I. I. Il'in, B. M. Aronov). Voen.-med. zhur. no. 5:92-94 My '56.

Born in the skies. V. Polikasha. Ukraina no. 11:17 Je '56.

Changes in the refraction in aviation school students. A. P. Chekanov. Voen.-med. zhur. no. 9:55-56 S '55.

Controversial problems in the field of the "Physiology of acceleration." G. L. Komendantov. Voen.-med. zhur. no. 5:85-90 My '56.

Effect of hyperventilation on increasing flying personnel's ability to work. F. P. Kosmolinskii, I. B. Podol'skii. Voen.-med. zhur. no. 5:72-73 My '56.

In the Department of Aviation Medicine of the Learned Medical Council of the Director the Chief Administration of Military Medicine. Voen.-med. zhur. no. 5:95-96 My '56.

Medical instructions for unit flight personnel in its training with pressure suits. P. P. Batrachenko. Voen.-med. zhur. no. 3:64-65 Mr '56.

Medical requirements when flying jet transport airplanes. V. Il'in. Grazhd. av. 13 no. 7:33-34 Jl '56.

Problems in aviation medicine. G. A. Arutiunov, V. B. Malkin. Voen.-med. zhur. no. 8:84-89 S '55.

Reasons for visual disorders in prolonged accelerations. V. V. Usachev. Voen.-med. zhur. no. 4:19-21 Ap '56.

Remarks on Professor D. E. Rozenblium's article on the "Main problems in the field of acceleration physiology." K. M. Shalai, A. S. Gumeniuk, M. N. Spektor. Voen.-med. zhur. no. 5:91 My '56.

Remarks on the article by D. E. Rozenblium on "Main problems in acceleration physiology" and by G. L. Komendantov on "Controversial problems in the field of acceleration physiology." A. P. Popov. Voen.-med. zhur. no. 6:85-91 Je '56.

Some data on the body's adaptation to the effect of radial acceleration. V. I. Babushkin, V. B. Malkin, V. V. Usachev. Voen.-med. zhur. no. 4:10-19 Ap '56.

Ways and tasks of modern aviation medicine. Voen.-med. zhur. no. 5:3-8 My '56.

AVIATORS see Air pilots

AVICENNA, 980?-1037

The geological-mineralogical treatise by Ibn Sina. A. M. Belenitskii. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 4:41-54 '53.

The power of reason ("A tale about Avicenna." V. Smirnova-Rakitina. Reviewed by S. Lipkin). Novyi mir 32 no. 7:256-258 Jl '56.

AWARDS see Arbitration and award; Rewards (Prizes, etc.)

AWNINGS

Shuttered awning on a metal stand for air and sun baths. A. A. Ivanov. Voen.-med. zhur. no. 6:60-62 Je '56.

AXES see subdivision under Krasnaya Krucha

AXLES

Accelerated turning of holes in the rear axle. F. D. Sobol'. Mekh. sil'. hosp. 7 no. 9:22 S '56.

Effect of the material of the enveloping parts on the fatigue strength of axles and shafts. I. V. Kudriavtsev, N. M. Savvina. Vest. mash. 36 no. 7:10-14 Jl '56.

AZERBAIJAN—AGRICULTURAL RESEARCH

Brief results of experiments in vegetable and potato growing conducted by the Kusary Regional Experiment Station of the Agricultural Institute of the Azerbaijan Academy of Sciences. I. D. Rudzhabli. Trudy Inst. zeml. AN Azerb. SSR 3:49-65 '55.

Preface. I. Safarov. Trudy Inst. zeml. AN Azerb. SSR 3:5-8 '55.

AZERBAIJAN—AGRICULTURE

Further development of agriculture in the Azerbaijan S. S. R. I. S. Safarov. Trudy Inst. zeml. AN Azerb. SSR 3:21-28 '55.

AZERBAIJAN—ANTHROPOLOGY

The anthropology of the Udins. M. G. Abdushelishvili. Soob. AN Gruz. SSR 17 no. 5:455-462 '56.

AZERBAIJAN—BOTANY

Geraniaceae - Cornaceae. Flora Azerb. 6:5-539 '55.

AZERBAIJAN—CHESS—TOURNAMENTS

Twelfth championship of Azerbaijan. L. Aronin, S. Melikian. Shakh. v SSSR 33 no. 8:244-245 Ag '56.

AZERBAIJAN—DIPTERA

Larvae of Tendipedidae in some water basins of Azerbaijan. A. G. Kasymov. Dokl. AN Azerb. SSR 12 no. 5: 347-351 '56.

AZERBAIJAN—ECONOMIC CONDITIONS

The "New York Times'" yardstick. E. Tagiev. Nov. vrem. 14 no. 33:14-16 Ag '56.

AZERBAIJAN—GEOLOGY, STRATIGRAPHIC

Upper Cretaceous deposits in the Mardakertsk district of Azerbaijan. R. A. Khalafova. Trudy Azerb. ind. inst. no. 7:23-31 '54.

AZERBAIJAN—GRAIN

History of growing grain crops in Azerbaijan. I. D. Mustafaev. Trudy Inst. zeml. AN Azerb. SSR 3:9-20 '55.

AZERBAIJAN—GRAPES—VARIETIES

The valuable Shirvan Shakhi grape variety. R. K. Allakhverdiev. Sad i og. no. 6:68-69 Je '56.

AZERBAIJAN—HISTORY

A valuable work on a very important event in the history of the peoples of Transcaucasia ("The annexation of Azerbaijan to Russia and its consequences for progress in the realms of economics and culture; 19th-beginning of 20th century." Reviewed by TS. Agaian. Izv. AN Arm. SSR Obshchestv. nauki no. 7:109-117 Jl '56.

AZERBAIJAN—LARVAE

Larvae of Tendipedidae in some water basins of Azerbaijan. A. G. Kasymov. Dokl. AN Azerb. SSR 12 no. 5: 347-351 '56.

AZERBAIJAN—LEGUMINOSAE

Rosaceae-Leguminosae. Flora Azerb. 5:5-570 '54.

AZERBAIJAN—LIBRARIES

Build up library holdings in time and regularly. L. Zakharian. Sov. knizh. torg. no. 7:13 Jl '56.

AZERBAIJAN—MITES

Tomato gall mite and its control. E. P. Sidorovnina, F. V. Koval'kov. Sad i og. no. 7:31 Jl '56.

AZERBAIJAN—PASTURES AND MEADOWS

Selecting components for grassland mixtures in the Nukha-Zakataly region. T. Kh. Akhund-zade. Trudy Inst. zeml. AN Azerb. SSR 3:67-76 '55.

AZERBAIJAN—PEASANTRY

The peasant movement in Azerbaijan on the eve of and during the Revolution of 1905-1907 [in Azerbaijani with summary in Russian]. M. Ismailov, M. Kaziev. Trudy Inst. ist. i filos. AN Azerb. SSR 10:209-234 '55.

AZERBAIJAN—PETROLEUM INDUSTRY

The "New York Times'" yardstick. E. Tagiev. Nov. vrem. 14 no. 33:14-16 Ag '56.

AZERBAIJAN—POTTERY, CHINESE

Findings of celadon in Azerbaijan. G. A. Abilova. Trudy Muzeia ist. Azerb. 1:56-60 '56.

AZERBAIJAN—REVOLUTION OF 1905

The exhibit "Azerbaijan during the first Russian revolution of 1905-1907." N. A. Shakhramanova. Trudy Muzeia ist. Azerb. 1:14-23 '56.

The peasant movement in Azerbaijan on the eve of and during the Revolution of 1905-1907 [in Azerbaijani with summary in Russian]. M. Ismailov, M. Kaziev. Trudy Inst. ist. i filos. AN Azerb. SSR 10:209-234 '55.

Revolution of 1905-1907 in Azerbaijan [in Azerbaijani with summary in Russian]. Z. I. Ibragimov. Trudy Inst. ist. i filos. AN Azerb. SSR 10:128-168 '55.

AZERBAIJAN—REVOLUTION, 1917-1921

Azerbaijan during the Great October Socialist Revolution and the civil war. P. A. Azizbekova-Atakishieva. Trudy Muzeia ist. Azerb. 1:24-38 '56.

AZERBAIJAN—ROAD CONSTRUCTION

Building roads using sand-shell rock. E. S. Tekford. Avt. dor. 19 no. 6:13 Je '56.

AZERBAIJAN—ROSACEAE

Rosaceae-Leguminosae. Flora Azerb. 5:5-570 '54.

AZERBAIJAN—SCULPTURE

The sculpture of Azerbaijan in ancient and medieval times. S. B. Ashurbeili. Trudy Muzeia ist. Azerb. 1:81-109 '56.

AZERBAIJAN—SOCIOLOGY, RURAL

Program to collect ethnographic information on the life and culture of a collective farm village in Azerbaijan [in Azerbaijani with summary in Russian]. G. A. Guliev. Trudy Muzeia ist. Azerb. 1:110-119 '56.

AZERBAIJAN—STONE IMPLEMENTS

Flint knife from the collection of the Museum of the History of Azerbaijan. M. M. Guseinov. Trudy Muzeia ist. Azerb. 1:39-43 '56.

AZERBAIJAN—SEPULCHRAL MONUMENTS

Some gravestones in Khaldan and Samukh Districts. A. N. Guseinov. Trudy Muzeia ist. Azerb. 1:44-55 '56.

AZERBAIJAN—VOLCANOES

Eruptions of mud volcanoes in Azerbaijan. Kh. A. Bozilian. Priroda 45 no. 8:91-93 Ag '56.

AZERBAIJAN—VITICULTURE

Development of capitalistic relations in viticulture and wine making of Azerbaijan at the end of the 19th century and the beginning of the 20th century [in Azerbaijani with summary in Russian]. M. Ismailov. Izv. AN Azerb. SSR no. 3:91-107 Mr '56.

AZERBAIJAN—WHEAT

Effect of trace elements on the development and yielding ability of wheat in Azerbaijan. M. G. Abutalybov, A. Mardonov, Sh. Dzhangirova. Trudy Inst. zeml. AN Azerb. SSR 3:37-46 '55.

AZERBAIJANI LITERATURE—PERIODICALS

Our reader carries on a conversation. Lit. Azerb. 14 no. 7:86-88 Jl '56.

AZERBAIJANI MUSIC see Music, Azerbaijani

AZERBAIJANI PERIODICALS

The first Russian revolution and the reflection of its ideas in the periodical "Molla Nasreddin [in Azerbaijani with summary in Russian]." M. R. Kasumov. Trudy Inst. ist. i filos. AN Azerb. SSR 10:269-300 '55.

AZIMDZHANOVA, SABAKHAT, 1922-

Sabakhat and Tadzhi. Aleksandra Gorobova. Sov. zhen. 12 no. 10:34 O '56.

AZO COMPOUNDS

The blastomogenic activities of some aminoazo compounds and their transformation in the organism. T. A. Koroste-leva. Usp. sovr. biol. 41 no. 3:284-305 My-Je '56.

AZO DYES

Effect of steric factors on properties of dyes containing a biphenyl ring. Part 5. Color and substantiveness of bisazo dyes obtained from 2, 6-dimethylbenzidine and naphthalene. B. M. Krasovitskii, T. A. Serova. Ukr. khim. zhur. 22 no. 3:368-372 '56.

AZOTOBACTER
(see also subdivision under Ukraine)

Effect of the rhizosphere of some agricultural plants on Azotobacter. Report no. 2. Kh. Il. Zinov'leva. Mikrobiol. zhur. 13 no. 2:21-33 '51.

Effect of the rhizosphere of some agricultural plants on Azotobacter. Report no. 3. Kh. Il. Zinov'leva. Mikrobiol. zhur. 13 no. 2:34-47 '51.

Formation of bios-type phytohormones in cultures of Azotobacter chroococcum. Report no. 1. L. I. Rubenchyk, Kh. Il. Zynov'leva. Mikrobiol. zhur. 9 no. 4:11-16 '48.

Formation of heteroauxin in cultures of Azotobacter. Report no. 1. V. T. Smalii, O. I. Bershova. Mikrobiol. zhur. 9 no. 4:17-24 '48.

Formation of heteroauxin in the cultures of Azotobacter. Report no. 2. V. T. Smalii, O. I. Bershova. Mikrobiol. zhur. 9 no. 4:25-31 '48.

Interrelations between Azotobacter and some soil bacteria. Report no. 1. L. I. Rubenchyk, O. I. Bershova, Kh. Il. Zynov'leva. Mikrobiol. zhur. 9 no. 4:3-10 '48.

AZOV—FARM MECHANIZATION—STUDY AND TEACHING

Improve the educational process daily. S. Novomirskii. Prof.-tekh. obr. 13 no. 6:12-13 Je '56.

Mechanics are studying the experience of leading workers. Prof.-tekh. obr. 13 no. 6:10-11 Je '56.

AZOV, SEA OF—FISHERIES

How they destroy the sea. Nikolai Dubov. Novyi mir 32 no. 6:195-201 Je '56.

AZOV, SEA OF—ROCKS, CRYSTALLINE AND METAMORPHIC

Evidence of dynamic metamorphism in the eastern Azov Sea region. N. I. Polovko. Dop. AN URSR no. 1:22-26 '49.

AZOV REGION—GAHNITE

Gahnite from pegmatites of the western Azov region. L. N. Bazhenova. Min. sbor. no. 9:330-334 '55.

AZOV REGION—MICROCLINE

Microcline in pegmatites from the western Azov region. L. N. Bazhenova. Min. sbor. no. 9:145-155 '55.

AZOV REGION—PEGMATITES

Microcline in pegmatites from the western Azov region. L. N. Bazhenova. Min. sbor. no. 9:145-155 '55.

BCG

Effect of the tuberculosis antigen on the blood system of animals. Report no. 4. Reflex nature of the leukocytosis and of bone marrow reaction to administration of a BCG culture. M. D. Shkol'nikova. Biul. eksp. biol. med. 42 no. 7:25-30 Jl '56.

BABBITT METAL

Effect of grain size, temperature and duration of the test on the microhardness of structural elements in standard bearing alloys. M. E. Drits. Tren. i izn. mash. no. 7: 151-163 '53.

Investigating the properties of rolled babbitt. I. A. Odding, F. V. Kulikov. Tren. i izn. mash. no. 7:119-150 '53.

BABENKO, OLEKSANDR KALISTRATOVYCH, 1881-

The 75th birthday of Professor O. K. Babenko. Rad. shk. 35 no. 5:63 My '56.

BABIES see Infants

BABUSHKIN, IVAN VASIL'EVICH, 1873-1906

"I. V. Babushkin's revolutionary activities in the Ukraine." P. Rashev, E. I Aremenko. Reviewed by I. L. Boltianyi. Vop. ist. no. 6:168-169 Je '56.

BABUSHKIN, IVAN VASIL'EVICH, 1873-1906—FICTION

One of Lenin's cohorts ("Comrade Bogdan." Boris Raevskii. Reviewed by N. Zimin). Neva no. 6:177 Je '56.

BACILLUS MESENTERICUS

New host plants for Bacillus mesentericus. S. A. Avakian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:60-68 Jl '56.

BACTERIA

Controlled changes in the properties of microorganisms; review of foreign literature. Part 2. V. D. Timakov, A. G. Skavronskaia. Zhur. mikrobiol. epid. i immun. 27 no. 7:96-100 Jl '56.

The section "Bacteria" in the book by N. M. Verzilin "Principles of the methods of teaching botany." Reviewed by G. L. Seliber and others. Est. v shkole no. 4: 89-91 Jl-Ag '56.

BACTERIA, PHOSPHORUS

Bacteria that decompose tricalcium phosphate. V. N. Unrova. Dokl. Akad. sel'khoz. 21 no. 6:22-26 Je '56.

BACTERIA, SPOREFORMING

Materials on the capacity of the sporeforming bacteria B. cereus, B. mycoides, B. subtilis, B. sacharolyticus for producing slime in bread. L. IU. Medvyns'ka. Mikrobiol. zhur. 9 no. 4:81-94 '48.

BACTERIAL ANTAGONISM

Role of indole formation by Escherichia coli in its antagonism for Salmonella typhosa. M. O. Shvaiher. Mikrobiol. zhur. 9 no. 4:46-51 '48.

BACTERICIDES

Antibacterial properties of polyanol, a synthetic estrogenic substance. V. P. Tul'chyns'ka, A. V. Demchenko. Mikrobiol. zhur. 13 no. 2:107-110 '51.

Rays of health. Rabotnitsa 34 no. 8:23 Ag '56.

BACTERIOLOGICAL WARFARE

Bacteriological agents as weapons of imperialistic aggression. E. A. Finn. Voen.-med. zhur. no. 6:88-92 Je '51.

The U. S. A. is using bacteriological warfare. Nar. Kit. no. 9/10:43 My '51.

BACTERIOLOGY

Effect of a specific bacteriophage on the morphological, cultural, and enzymatic nature of Cl. welchii. B. I. Klein, V. M. Shur-Shul'ts. Mikrobiol. zhur. 9 no. 2/3: 81-87 '48.

BACTERIOLOGY—APPARATUS AND SUPPLIES

Frontal magnifying glass in bacteriological practice. L. M. Sokolinskii. Voen.-med. zhur. no. 9:66 S '55.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Case for a comparative series of culture media. M. A. Khelfets. Voen.-med. zhur. no. 5:43-45 My '50.

Cultivation of measles virus in rotating test tubes using bovine amniotic fluid as a nutritive medium. P. G. Sergiev, S. A. Shamraeva. Zhur. mikrobiol. epid. i immun. 27 no. 7:47-51 Jl '56.

A less expensive culture medium for bacteria. B. E. Aizenman, M. O. Shvaiher. Mikrobiol. zhur. 9 no. 4: 92-97 '48.

Quick bacteriological diagnosis of dysentery by means of a combined carbohydrate-alcohol column. B. M. Laprun, E. I. L'vovskaia. Voen.-med. zhur. no. 3:53-55 Mr '56.

BACTERIOPHAGE

Bacteriophagic phenomena in the dairy industry. M. L. Nepomniashcha, L. A. Liberman, L. IU. Medvyns'ka. Mikrobiol. zhur. 9 no. 2/3:34-47 '48.

Nature of the bacteriophages of Streptococcus lactis. M. L. Nepomniashcha, L. IU. Medbyna'ka, L. A. Liberman. Mikrobiol. zhur. 9 no. 4:72-80 '48.

Results of and prospects for work on the nature of bacteriophages at the D. K. Zabolotnyi Institute of Microbiology of the Academy of Sciences of the U. S. S. R. B. I. Klein. Mikrobiol. zhur. 9 no. 2/3:29-33 '48.

BAGGING

Electric circuit for DVM-100 weighing and sacking machines has been changed. M. Tevelev, M. IArtsnov. Muk.-elev. prom. 32 no. 7:27-28 Jl '56.

Productivity of the sack stitching machine has been doubled. P. Sivenko, V. Astakhov. Muk.-elev. prom. 32 no. 5:30 My '56.

BAIKAL, LAKE--FAULTS (GEOLOGY)

The Olanchev fault. V. V. Lamakin. Priroda 45 no. 8: 96-99 Ag '56.

BAIKAL, LAKE--SHORE LINES

Mobility of Lake Baikal shore lines. V. V. Lamakin. Izv. Vses. geog. ob-va 88 no. 3:231-238 My-Je '56.

BAIKAL REGION--GLACIAL EPOCH

Problem of the origin of Baikal and glaciation of the Baikal region. N. V. Dmitrienko. Trudy Inst. geog. 68:139-146 '56.

BAIT

Casting bait. V. Tikhanovich. Rybovod 13 no. 6:30 Je '56.

Catching crucian carp with a metal fly. V. Tikhanovich. Rybovod 13 no. 7:30 Jl '56.

BAKERY EMPLOYEES--DISEASES AND HYGIENE

Role of vitamin $B_1$ in the prevention of pyodermatitis in bakery workers. M. I. Lapskaia. Vest. ven. i derm. no. 3:10-21 My-Je '56.

BAKING--EQUIPMENT AND SUPPLIES *see* subdivision under Moscow

BAKLANOV, GRIGORII

A breath of something new. A. Kogan. Novyi mir 32 no. 7:252-259 Jl '56.

BAKU--HISTORICAL MUSEUMS

In the Museum of the History of Azerbaijan. Trudy Muzeia ist. Azerb. 1:139-141 '56.

Status and tasks of the creation of an exposition by the Museum of the History of Azerbaijan [in Azerbaijani with summary in Russian]. M. A. Kazimov. Trudy Muzeia ist. Azerb. 1:5-13 '56.

BAKU--MATHEMATICAL PHYSICS

Meeting of mathematicians and physicists of Baku. O. N. Agaev. Usp. mat. nauk 11 no. 3:236 My-Je '56.

BAKU--OIL WELL DRILLING

Petroleum is flowing. L. Polonskii. Mol. kolkh. 23 no. 6:26 Je '56.

BAKU--PROLETARIAT

Formation of the proletariat in Baku [in Azerbaijani with summary in Russian]. I. V. Striguhov. Trudy Inst. ist. i filos. AN Azerb. SSR 10:43-77 '55.

BAKU--REVOLUTION OF 1905

Military and combat action of the Baku bolshevist organizations during the first Russian revolution. P. N. Valuev. Trudy Inst. ist. i filos. AN Azerb. SSR 10: 199-209 '55.

Revolutionary struggle of the Baku proletariat on the eve of the first Russian revolution [in Azerbaijani with summary in Russian]. A. N. Guliev. Trudy Inst. ist. i filos. AN Azerb. SSR 10:78-127 '55.

BAKU--STRIKES AND LOCKOUTS

From the history of the class struggle of the Baku proletariat. G. Dallakian. Izv. AN Arm. SSR, Obshchestv. nauki no. 6:3 '56.

BALAKOVO DISTRICT--SHEEP BREEDING

Sheep breeding on collective farms served by the Balakovo State Breeding Station. V. D. Kurlychil, O. E. Karpova. Sel'khoz. Povol. no. 6:53-55 Je '56.

BALANCE OF TRADE

Balance of trade, balance of payment, and balance of indebtedness [with summary in English, p. 32]. A. Smirnov. Vnesh. torg. 36 no. 6:22-28 Je '56.

BALASHOV FAMILY

At the Balashov family. IU. Korolev. Sov. Sotus no. 4: 29-31 Ap '56.

BALASHOV PROVINCE--STATE FARMS

Problems of specialization and labor productivity on state farms of Balashov Province. L. A. Mandel'shtam, S. M. Zakharov, D. V. Bubnov. Sel'khoz. Povol. no. 6: 72-76 Je '56.

BALASHOV PROVINCE--WINDBREAKS, SHELTERBELTS, ETC.

Shelterbelts on the "Dinamo" State Farm. Sovkhoz. proizv. no. 7:70-71 Jl '56.

BALATON LAKE

An unknown sea; Balaton. Janine Boulsecounouse. V mashch. mira no. 31:101-103 Je '56.

BALINESE MUSIC *see* Music, Balinese

BALKAN PENINSULA--HISTORY

Formation of the Balkan League in 1912 and the policy of the European powers. I. S. Galkin. Vest. Mosk. un. 11 no. 4:9-40 Ap '56.

BALKAN PENINSULA--WORLD WAR, 1939-1945

German-Italian plans for the division of the Balkans during the Second World War. H. Rothfels. Mezh. otnos. zhizn' no. 7:95-103 Jl '56.

BALKHASH--COPPER--ELECTROMETALLURGY

Automatic device to prevent the overfilling of runners with ore. O. K. Tivel. met. 29 no. 6:69-70 Je '56.

BALL BEARINGS

Replacement of cuddle-head roller bearings by radial-thrust ball bearings. IA. Belokovskii. Mor. flot 16 no. 6:37 Je '56.

BALLADS *see* subdivision under Don Valley

BALLET

(*see also* subdivision under Erivan; Leningrad; Lvov; Moscow)

Art of the Russian ballet. N. Volkov. Sibirskie ogni no. 2-24 30 Ag '56.

BALLET DANCING--STUDY AND TEACHING *see* subdivision under Moscow

BALLISTOCARDIOGRAPHY

Ballistocardiography and possibilities of its use in military medicine. B. M. Usevskii. Voen.-med. zhur. no. 5:30-32 My '56.

BALLOONS, PILOT

Improvement in the ventilation of pilot-balloon laitzes. IU. T. Lesnov. Meteor. i gidrol. no. 6:39-40 Je '56.

BALTIC SEA--EUROPEAN WAR, 1914-1918

Truth about the "ice campaign" ("The ice campaign of the Baltic Fleet in 1916." N. N. Kovalskova. Reviewed by A. Zonin). Neva no. 7:179-180 Jl '56.

BALTIC SEA--OCEAN TEMPERATURE

Change of some elements of hydrological conditions in the Baltic Sea. I. V. Bazanov, A. G. Shpakhler. Izv. Vses. geog. ob-va 88 no. 3:239-250 My-Je '56

BALTIC SEA--SALINITY

Change of some elements of hydrological conditions in the Baltic Sea. I. V. Bazanov, A. G. Shpakhler. Izv. Vses. geog. ob-va 88 no. 3:239-250 My-Je '56

BALTIC STATES--ARCHIVES

Conference of historians and archivists of the Baltic States. N. A. Ist.-arkhiv. no. 3:249-255 My-Je '56.

BALTIC STATES--REPATRIATION

They are at home. N. Skrabrova. Ogonek 34 no. 32: 18-19 Ag '56.

BAND SAWS

Gluing pulley belts of band saw apparatus. N. IA. Pres-surov. Der. prom. 5 no. 8:23 Je '56.

BANDUNG--STUDENTS--CONGRESSES

Salute to Bandung. Vsem. stud. nov. 16 no. 6/7:33 Je-Jl '56.

BANGKOK--STATISTICS--CONGRESSES

Conference of statisticians of Asiatic and Far Eastern countries in Thailand. T. V. Riabushkin. Vest. AN SSSR 26 no. 6:75-78 Ag '56.

BANKS AND BANKING

(*see also* subdivision under Khabarovsk Territory; Mongolia; Moscow Province; Poltava Province)

Conference of credit workers of State Bank branches. Den. i kred. 14 no. 7:17-28 Jl '56.

Improve principles in evaluating the fulfillment of the plan by enterprises. S. Barngol'ts. Den. i kred. 14 no. 6:33-41 Je '56.

Information. Den. i kred. 14 no. 6:63 Je '56.

Methods by which banks evaluate the operation of enterprises. B. Mitel'man. Den. i kred. 14 no. 8:17-24 Ag '56.

New developments in relations between the State Bank and long-term investment banks. IA. Gretsen'. Den. i kred. 14 no. 8:50-54 Ag '56.

Our readers' suggestions. Den. i kred. 14 no. 6:49-51 Je '56.

Our readers' suggestions. Den. i kred. 14 no. 7:44-52 Jl '56.

Questions and answers. Den. i kred. 14 no. 7:61-63 Jl '56.

Questions and answers. Den. i kred. 14 no. 8:55-57 Ag '56.

Raise the standard of economic work constantly. Den. i kred. 14 no. 7:3-7 Jl '56.

Shvarts, L. V. [Execution of payment and credit operations] Oformlenie raschetnykh i kreditnykh operatsii. Moskva, Gosfinizdat, 1956. 143 p.

State Bank tasks in organizing currency circulation among enterprises. L. IAgodin. Den. i kred. 14 no. 7: 53-60 Jl '56.

Suggestions of our readers. Den. i kred. 14 no. 8:41-49 Ag '56.

Suggestions of our readers. Fin. SSSR 17 no. 8:13-76 Je '56.

Utilize all possibilities for increasing economic knowledge. D. Pozdiev. Fin. SSSR 17 no. 7:05-08 Jl '56.

Wise proposals [on the granting of credit]. Den. i kred. 14 no. 6:49-51 Je '56.

BANKS AND BANKING--ACCOUNTING

For further improvement in accounting in the banks. N. Pokrovskii. Den. i kred. 14 no. 8:25-32 Ag '56.

BANKS AND BANKING--BUSINESS, PLANNING, ETC.

Mechanization of operations in foreign banks. Den. i kred. 14 no. 8:58-61 Ag '56.

BARABA STEPPE--PALEONTOLOGY, STRATIGRAPHIC

Stratigraphy, mammals of Pliocene and Pleistocene deposits of the Baraba Steppe. A. A. Borisov, Sbornik statei po geologii Azii, 1956 (Trudy Geologicheskogo Instituta, AN SSSR, no. 2) Moskva, Gosgeoltekhizdat, 1956. 83-94. (MIRA 10:1)

BARABA STEPPE--PALEONTOLOGY, STRATIGRAPHIC--METHODS

Results of some stratigraphic investigations in the Baraba Steppe. A. A. Borisov. Sbornik statei po geologii Azii, 1956 (Trudy Geologicheskogo Instituta, AN SSSR, no. 2) Moskva, Gosgeoltekhizdat, 1956. 95-104. (MIRA 10:1)

Some results of stratigraphic investigations in the Baraba Steppe. V. A. Prokopenko. Sbornik statei po geologii Azii, 1956 (Trudy Geologicheskogo Instituta, AN SSSR, no. 2) Moskva, Gosgeoltekhizdat, 1956. 105-111. (MIRA 10:1)

BARBITAL SODIUM

Effect of a single hydrate environment on the hypnotic action of barbital sodium and its derivatives. V. A. Kirillov, I. A. Arkhipov. Trudy Gor'kovskogo gos. med. in-ta 16 no. 2:83-90 Mr-Ap '56

Hallucinations as a change in the mental environment and in the interrelations between the individual and the collectivity. Use of sodium barbital in psychiatric practice. Nov. sovet. psikhonevrol. 1:5-14 '56

BARBITURIC ACID

Synthesis of barbituric acids with heterocyclic substituents. A. I. Kiprianov, Iu. L. Ptaszhnik. Ukr. khim. zhur. 22 no. 2:218-220 '56. (MLRA 9:8)

BARDINZKE, HENRI, 1874-1939

Fighters for peace [Romain Rolland, Henri Barbusse, Louis Guilloux, and others]. Moskva, Sovetskii pisatel', 1956. 294 p. (MIRA 10:1)

Henri Barbusse. N. Anastasiev, A. Bezymenskii. Ogonek 33 no. 8:15 Je '56

BARENTS SEA--ALLIED CONVOYS

Assistance rendered by the Soviet Union to the peoples of the Democratic Republic of Vietnam in the struggle for peace. V. A. Sudarikov. Mor. flot 16 no. 8:40-42 Ag '56.

BARENTS SEA--HERRING

Herring fishing in Barents Sea. E. A. Zamyatnin. Mor. flot 16 no. 8:38 Je '56

BARGES

Mechanized loading barges. P. Kuznetsov. Rech. transport 15 no. 5:29-30 My '56

BARGUZINSKIY KHREBET--GEOLOGY

Outlines of the northern slope of the Barguzinskiy Khrebet. V. M. Yefremenkov. Trudy Buryat. kom. kompl. ekspedit. 1:52-72 '56.

BARITE *see* subdivision under Dzhida Basin

BARIUM SALTS

Photoelectrochemical titration methods. Study of the system $BaCl_2$ - $H_2O$. N. N. Pavlova. Trudy Kom. anal. khim. 7:[i.e. 8] 51-58 '56. (MIRA 10:1)

BARIUM SULFATE

Structure formation in barium sulphate suspensions. O. V. Nazmov, L. I. Garmashova, N. V. Shpanovskaya. Dokl. AN SSSR 108 no. 2:287-289 My '56

BARK PEELING

New bark-stripping machine. I. Shch. Les prom. 16 no. 7:29-30 Jl '56.

BARLEY

(*see also* subdivision under Dushanbinskaya Druzhina)

Effect of harvesting time on the seed quality and chemical composition of barley. I. M. Kuznetsov. Sel'. i sem. 25 no. 8:55-57 '56.

Transformation of conveyer-type spring barley into a combining plant. A. T. Trushkova. Agrobiologiia no. 3: 50-54 My-Je '56.

BARNS

(*see also* subdivision under France)

Barn for storing and drying seed corn. A. M. Kargin. Sel'khoz. Povol. no. 7:76-79 Jl '56.

BARRELS *see* subdivision under Astrakhan

BART, JAKUB, 1858-1908

Bard of Lusatia. A. Mirtschinka. Slavistica no. 8:81-93 Ag '56.

BARTO, AGNIIA L'VOVNA, 1906-

Verse of a favorite poetess. ("Verse for children." A. L. Barto. Reviewed by L. D. Filimonova). Rodnaia shkola 24 no. 8:92-94 My '56.

BARTOK, BELA, 1881-1945
In memory of Bartok. Sov. muz. 20 no. 8:153-154 Ag '56.

BARUZDIN, SERGEI
New books by Sergei Baruzdin. L. F. Voronkova. Doshk. vosp. 29 no. 7:45-47 Jl '56.

BAS RELIEF see subdivision under Sukhumi

BASALT
Producing basalt cement and an investigation of its properties. P. P. Budnikov, Z. S. Kosyreva, I. P. Kuznetsova. Trudy MKHTI no. 21:155-161 '56.

BASE-EXCHANGING COMPOUNDS
Use of cationites in microcrystalloscopic analysis. A. G. Koblianskii. Trudy Kom. anal. khim. 7:89-95 '56.

BASHKIRIA—AGRICULTURE
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Bashkiria" pavilion; a guidebook] Pavil'on "Bashkirskaia ASSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

BASHKIRIA—FARM BUILDINGS
Development of construction on collective farms of Rostov Province and Bashkir A.S.S.R. Sel'. stroi. 11 no. 5:2 of cover My '56.

BASHKIRIA—NEWSPAPER AND PERIODICAL CIRCULATION
Sale of newspapers in the streets without vendors. M. Gorustovich. Rasspr. pech. no. 8:13 Ag '56.

BASHKIRIA—PETROLEUM—REFINING
Efficiency promotion work in the Bashkiria Petroleum Refinery Building Trust. E. T. Molikhova. Stroi. pred. neft. prom. 1 no. 4:26-27 Je '56.

BASKETBALL see subdivision under Koren, North; Prague

BASQUES
Espatadansa, the dance of the Basques. Mol. mira no. 4: 16 '56.

BATA, ANZHIN, 1915-
People and events. Nov. vrem. 14 no. 27:29 Je '56.

BATHOMETER
New caisson-type bathometer. D. D. Shmal'. Voen.-med. zhur. no. 9:88-89 S '55.

BATHS, MOOR AND MUD
(see also subdivision under Svetlogorsk)
Chromatography of carotene pigments in medicinal muds. A. A. Mikhallovnina, S. A. Shapiro. Ukr. khim. zhur. 17 no. 1:50-58 '51.

BATHS, SEA
Effect of sea baths on atherosclerotic myocardiosclerosis. I. V. Danilov. Voen.-med. zhur. no. 6: 50-52 Je '56.

BATS see subdivision under Zeravshan Valley

BAUMGART, VLADIMIR SERGEEVICH, d. 1956
V. S. Baumgart; obituary. F. G. Loginov and others. Gidr. stroi. 25 no. 5:50 Je '56.

BAVARIA—MOTION-PICTURE PLAYS
The great temptation. I. B. Vsem. stud. nov. 10 no. 6/7:28 Je-Jl '56.

BAYBURT, TURKEY—INSCRIPTIONS, ARABIC
Unpublished inscriptions from the Bayburt citadel. L. T. Giuzal'ian. Viz. vrem. 8:300-330 '56.

BAZHAN, MYKOLA PLATONOVYCH, 1904-
Stylistic adaptation of the social and political vocabulary in M. Bazhan's poetry. V. L. Karpova. Nauk. zap. Inst. susp. nauk AN URSR 3:98-115 '54.

BAZHENOV, NIKOLAI MIKHAILOVICH, 1886-
Seventieth birthday of N. M. Bazhenov. N. A. Fedotova. Rus. iaz. v shkole 17 no. 3:120 My-Je '56.

BEACHES see subdivision under Kiev Province

BEANS
Effect of photoperiodic conditions on the diurnal rhythm of movements of bean leaves (Phaseolus). B. S. Moshkov. Biofizika 1 no. 4:334-340 '56.

BEARING INDUSTRY see subdivision under Sverdlovsk

BEARINGS (MACHINERY)
Basic theory for the stability of the journal motion in an oil layer. M. V. Korovchinskii. Tren. i izn. mash. no. 7:223-237 '53.
Effect of frame hardness on the distribution of load in the components of radial bearings. M. IA. Popereka. Dokl. AN Tadzh. SSR no. 14:65-69 '55.
Effect of grain size, temperature and duration of the test on the microhardness of structural elements in standard bearing alloys. M. E. Drits. Tren. i izn. mash. no. 7: 151-163 '53.
Investigating the effect of the microrelief of a contact surface on the wearability of a bearing alloy. A. D. Kurltsyna. Tren. i izn. mash. no. 7:41-55 '53.
Investigating the properties of rolled babbitt. I. A. Odding, F. V. Kulikov. Tren. i izn. mash. no. 7:119-150 '53.
Manufacturing bearings with reticular surface. N. R. Vinogradov and others. Tren. i izn. mash. no. 7:164-174 '53.
Methods for wear tests of bearing materials. M. M. Tenenbaum. Tren. i izn. mash. no. 7:99-102 '53.
Oilless bearings. Nauka i zhizn' 23 no. 7:56 Jl '56.
Stability of the state of equilibrium of the journal in lubricant layer. M. V. Korovchinskii. Tren. i izn. mash. no. 11:264-323 '56.
Thin, flexible thrust collars in gear-turbine engines. P. N. Goremykin. Sudostroenie 22 no. 6:17-21 Je '56.
The use of textolite bearings with forced lubrication at the Voroshilov Metallurgical Plant. M.E. Kugaenko, M.V. Kovynev, V.V. Miller. Metallurg. no.4:32-34 Ap '56.

BEARINGS (MACHINERY)—REPAIRING
Renovation of bearing bushes of D-35 and D-54 engines. E. Ulitskii. Torf. prom. 33 no. 4:37 '56.

BEARS
Bear circus. V. Shakhovskii. Sov. Soiuz no. 4:34 Ap '56.

BEAVERS
Colony of American beavers (Castor canadensis Kuhl.) in the U.S.S.R. [with English summary in insert]. S. N. Marin. Zool. zhur. 35 no. 7:1064-1071 Jl '56.
Ways of restoring the population of river beavers. I. Zharkov, V. Krinitskii. Okh. i okh. khoz. no. 7:23-24 Jl '56.

BEBER, IURII
"A guessed secret." IUrii Beber. Reviewed by I. Gorelik. Novyi mir 32 no. 9:272-274 S '56.

BEDIL, 1644-1721 see Abd Al-Kadir, called Bidil, 1644-1721

BEE CULTURE
(see also subdivision under Bobrovitsy District; Ivanovo Province; Maritime Territory; Serov; Stalingrad Province)
Bee pollination as a means of increasing the yielding ability and improving the quality of cotton. A. V. Trushkin. Pchelovodstvo 33 no. 8:45-47 Ag '56.
Brief news. Pchelovodstvo 33 no. 8:64 Ag '56.
Controlling the flight of bees by reflected ultraviolet rays. L. Braines, K. Istomina-TSvetkova. Pchelovodstvo 33 no. 8:48-53 Ag '56.
Develop bee culture in every possible way. P. V. Malashenko. Sots. tvar. 28 no. 6:46 Je '56.
Medicinal use of propolis. K. A. Savina, F. T. Romanov. Pchelovodstvo 33 no. 8:59-60 Ag '56.
Our experience in sowing and bee pollination of buckwheat. S. I. Rak. Pchelovodstvo 33 no. 8:53 Ag '56.
Quality of cells in a brood frame. E. A. Bevzo. Pchelovodstvo 33 no. 8:14-16 Ag '56.
Student work with bees. D. IA. Kramarov. Uch. zap. Ped. inst. Certs. 119:227-234 '55.
Summer honey harvesting and the preparation of bees for wintering. P. IA. Shirokov. Mosk. kolkh. 5 no. 8:34-35 Ag '56.
Using nurse bees for increasing honey yields. T. M. Holovnia. Sots. tvar. 28 no. 6:46-48 Je '56.

BEE CULTURE—EQUIPMENT AND SUPPLIES
Combination feeder and watering device for bees. Pchelovodstvo 33 no. 8:24-28 Ag '56.
Gradual change-over to keeping bees in two-story hives. D. A. Belinev. Pchelovodstvo 33 no. 8:13 Ag '56.
Improve the quality of wax presses manufactured by the Taganrog plant. P. Chumakov. Pchelovodstvo 33 no. 8:61-62 Ag '56.
When will the supply of equipment for Batrakov. Pchelovodstvo 33 no.

BEE CULTURE—WINTERING
Wintering of bees. A. D. Rastegaev no. 8:11-12 Ag '56.

BEECH see subdivision under Carp

BEECH—DISEASES AND PESTS see Transcarpathia

BEEF CATTLE
(see also subdivision under Kazak
Early maturity in crossbred cattle. Nauka i pered. op. v sel'khoz. no.
Increase the production of beef. H. tvar. 28 no. 6:11-15 Je '56.
Let's organize range fattening of yo lilov. Mosk. kolkh. 5 no. 6:24-25

BEEF CATTLE—FEEDING AND FEE
Organization of range fattening of c Sovkhoz. proizv. no. 7:47-52 Jl '
BEES
Bees' "compass." G. Golubev. Pi '56.

"Bees: their vision, chemical senses, and language." K. Frisch. Reviewed by V. V. Popov. Zool. zhur. 35 no. 5:787-788 My '56.
Economic value of gray Georgian alpine bees and their hybrids. G. D. Bilash. Pchelovodstvo 33 no. 8:16-23 Ag '56.
Friends of health. N. P. Iorish. Nauka i zhizn' 23 no. 6: 46-48 Je '56.
How a swarm of bees clustered on me. P. A. Noskov. Pchelovodstvo 33 no. 8:64 Ag '56.
Multiple matings of queen bees during one mating flight. I. Voike. Pchelovodstvo 33 no. 8:32-36 Ag '56.
Perception of the polarization of light by the compound eye of the bee. L. I. Seletskaia. Biofizika 1 no. 2:155-157 '56.
Significance of frequent flights of bees to flowering sunflowers. V. I. But. Sots. tvar. 28 no. 6:49 Je '56.
Therapeutic venom. A. Gur'ianov. Ogonek 34 no. 28: 15-16 Jl '56.

BEES—DICTIONARIES
"Dictionary and handbook for apiarists." Reviewed by V. V. Popov. Zool. zhur. 35 no. 7:1104-1107 Jl '56.

BEES—DISEASES AND PESTS
Can bee culture bureaus be responsible for veterinary conditions in apiaries. T. Medvedeva. Pchelovodstvo 33 no. 8:61 Ag '56.

BEES—QUEEN REARING
Effect of keeping conditions on changes in the reproductive organs of queens. A. I. Kharcheva. Pchelovodstvo 33 no. 8:29-31 Ag '56.

BEES, EFFECT OF SPRAYING AND DUSTING ON
Measures for protecting bees from poisonous chemicals. N. I. Ostrovskii. Pchelovodstvo 33 no. 8:37-44 Ag '56.

BEESWAX see Waxes

BEETLES see subdivision under Armenia

BEETS, SUGAR see Sugar beets

BEHAVIOR see Conduct of life

BEK, ALEKSANDR
People of bold and generous thought ("The life of Berezhkov." A. Bek. Reviewed by I. Pitliar). Znamia 26 no. 8:184-188 Ag '56.

BEKDASH—AGRICULTURE
On Kara-Bugaz Bay. Vladimir Shingarev. Nash. sovr. 2:267-268 '56.

BEKDASH—SULPHATES
On Kara-Bugaz Bay. Vladimir Shingarev. Nash. sovr. 2:267-268 '56.

BELAIA, LIZA
A master of marksmanship. Ul. Bialiaeu. Belarus' 13 no. 6:20 Je '56.

BELAYA RIVER—POTHOLES
Potholes in the Belaya River in the Caucasus. M. I. Subbota. Izv. Vses. geog. ob-va 88 no. 3:295-302 My-Je '56.

BELGIUM—DESCRIPTION AND TRAVEL
We visited friendly Belgium. O. Kuusinen. Nov. vrem. 14 no. 27:19-22 Je '56.

BELGIUM—INDUSTRY—EXHIBITIONS
International industrial exhibition in Belgium. G. V. Sagalaev. Khim. nauka i prom. 1 no. 2:222-223 '56.

BELGIUM—NAMES, GEOGRAPHICAL
Memorial notes. Zvezda no. 9:190 S '56.

BELIC, ALEKSANDAR, 1876

The 80th birthday of Academician A. Belić. Slaviane no. 8:35-36 Ag '55.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

Belinskii on the reading of children. L. Trainina. Sem'ia i shkola 11 no. 6:26 Je '56.

"V. G. Belinskii; university study and work with 'Teleskop' and 'Molva,' 1829-1836." V. S. Nechaeva. Reviewed by K. P. Bogaevskaia. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:271-274 My-Je '56.

BELOGLAZOVA, RAISA V.

Readers' opinions on the novel of Raisa Beloglazova, Svet nad Baik. no. 3:150-152 My-Je '56.

BENDING MACHINES

Bending pipes and rolled shapes by using induction heating. I. S. Demchuk. Sudostroenie 22 no. 4:26-29 Ap '56.

BENGALI LITERATURE—PERIODICALS

"Parichay," the magazine of progressive writers in Bengal [with English summary in insert]. V. A. Novikova. Sov. vostokoved. no. 2:137-147 '56.

BENZANTHRACENONE

Industrial hygiene in the production and use of benzanthron. V. G. Piskunova and others. Gig. i san. 21 no. 7:22-26 Jl '56.

BENZENE

Activity of Ni, Cr, and Zn oxides, sulfides, and selenides in the reduction of nitrobenzene and in the preferential hydrogenation of a diolefin into an olefin. A. M. Rubinshtein and others. Izv. AN SSSR. Otd. khim. nauk no. 5: 596-603 My '56.

Alkylation of benzene with polyhalo derivatives in presence of metallic aluminum. K. I. Porshakova, N. G. Sidorova, I. P. TSukervanik. Zhur. ob. khim. 26 no. 5: 1375-1378 My '56.

Can dinitrorhodanbenzene be recommended for the control of mildew in grapes. V. A. Alymova. Vin. SSSR 16 no. 4:38-39 '56.

Equilibrium of dichlorobenzene isomers. I. A. Godnev, A. S. Sverdlin. Zhur. fiz. khim. 30 no. 5:1185 My '56.

Interaction of silicochloroform and methyldichlorosilane with benzene. E. A. Chernyshev, A. D. Petrov. Izv. AN SSSR, Otd. khim. nauk no. 5:630-632 My '56.

Photochemical decomposition of the vapors of benzene and of its derivatives (with English summary in insert). N. A. Prilezhaeva. Zhur. fiz. khim. 30 no. 5:1044-1047 My '56.

Production of benzol for sulfuration at the Yenakiyevo Coke Chemical Plant. M. A. Ionina. Koks i khim. no. 4:64 '56.

Use of pipe furnaces in benzol plants. S. N. Lazorin, I. S. Soldatenko. Koks i khim. no. 4:49-52 '56.

Viscosity and specific volumes in the system: benzene - toluene - carbon tetrachloride. V. IA. Anosov, M. I. Ozerova. Izv. Sekt. fiz. -khim. anal. 27:412-418 '56.

X-ray study of liquid o-dichlorobenzene. V. I. Danylov, O. I. Zubko, A. M. Skrysheva'kyi. Dop. AN URSR no. 5: 39-43 '49.

BENZENE DERIVATIVES see subdivision under Nobit-Dag

BENZENE HEXACHLORIDE

Results of introducing in the Ukraine the method of using DDT and benzene hexachloride dusts to protect pine seedling roots from the larvae of scarabs. D. F. Rudnov N. F. Pashov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2: 94-106 '54.

BENZENETHIOL

Condensation of o-aminothiophenol with acetylene monocarboxylic acids. L. K. Mushkalo. Ukr. khim. zhur. 17 no. 5:751-754 '51.

BENZOL see Benzene

BENZOQUINONE

Research in the field of quinones. Part 10. Reaction of acetylacetoneimine with p-benzoquinone. A. N. Grinev, V. Shvedov, A. P. Terent'ev. Zhur. ob. khim. 26 no. 5: 1449-1451 My '56.

BENZOTHIAZINE

Cyanine dyes and styryls of the benzo-1, 4-thiazine series. A. I. Kiprianov, Z. N. Pazenko. Dop. AN URSR no. 3:15-21 '49.

Synthesis of benzo-1, 4-thiazine quaternary salts. A. I. Kirpianov, Z. N. Pazenko. Dop. AN URSR no. 3:9-14 '49.

BENZOTHIAZOLE

Mechanism underlying the action of vulcanization accelerators. Interaction between mercaptobenzothiazole and sulfur. B. Dogadkin, I. Tutorskii. Dokl. AN SSSR 108 no. 2:259-262 My '56.

BENZOTHIAZOLINE

Interaction of 3-methyl-2-ethylidenebenzothiazoline with halo derivatives. F. S. Babichev, N. A. Volokhina. Ukr. khim. zhur. 17 no. 5:761-765 '51.

BERECHKOV, NIKOLAI GEORG'EVICH

Nikolai Georgievich Berezhkov; obituary. Vop. ist. no. 6:222 Je '56.

BEREZAN' (KIEV PROVINCE)—DUCKS

Effectiveness of breeding "green ducks." H. M. Shul'ha, M. A. Bazylevych. Sots. tvar. 28 no. 6:15-17 Je '56.

BEREZAN' (KIEV PROVINCE)—POULTRY

Berezan' poultry plant. V. I. Obroms'kyi. Sots. tvar. 28 no. 6:24-27 Je '56.

BEREZAN' (KIEV PROVINCE)—POULTRY HATCHERIES

A poultry factory. M. Krylov. Ukraina no. 12:31 Je '56.

BEREZNIKI—ELECTRIC ENGINEERING—STUDY AND TEACHING

Electrotechnical practicum in the schools in Bereznīki. A. Sitnikov. Fiz. v shkole 16 no. 4:92 Jl-Ag '56.

BERING, VITUS, 1680-1741

Cannons from Bering's ship. Galina San'ko. Ogonek 34 no. 32:30 Ag '56.

BERING SEA—SEDIMENTATION AND DEPOSITION

Moisture variation in long vertical samples taken from the Bering Sea. S. P. Liaiīyn. Dokl. AN SSSR 100 no. 2:313-316 My '56.

BERINGS EXPEDITION, 1st, 1725-1730

Muratov, M.B. [Toward danger; two voyages by Captains V. Bering and A. Chirikov, their associates and companions] Navstrechu opasnostiam; dva puteshestviia kapitanov V. Beringa, A. Chirikova, ikh spodvizhnikov i sputnikov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 324 p.

BERINGS EXPEDITION, 2st, 1733-1743

Muratov, M.B. [Toward danger; two voyages by Captains V. Bering and A. Chirikov, their associates and companions] Navstrechu opasnostiam; dva puteshestviia kapitanov V. Beringa, A. Chirikova, ikh spodvizhnikov i sputnikov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 324 p.

BERLIN—CONDENSERS (ELECTRICITY)

In the static capacitor plant of the Siemens Company in West Berlin. G. V. Serbinovskii. Prom. energ. 11 no. 5:33-34 My '56.

BERLIN—PHILOSOPHY—CONGRESSES

At the philosophical conference in the German Democratic Republic. A. F. Okulov. Vest. AN SSSR 26 no. 7:64-67 Jl '56.

BERLIN—THEATER

Two encounters with Angelika Hurwitch. Mol. mira no. 5:20-22 '56.

BERRIES

Berry season. V. I. Dolgoshov. Priroda 45 no. 7:125 Jl '56.

Labor productivity in berry plantations. S. D. Prokof'ev. Mosk. kolkh. 5 no. 6:36-37 Ag '56.

BERYLLIUM

Characteristics of the isomorphous entry of beryllium into the crystalline structure of minerals. A. A. Beus. Geokhimiia no. 1:67-80 '56.

BERYLLIUM ALUMINATES—SPECTRA

Observation of $MgAl_2O_4$ and $BeAl_2O_4$ formation reactions by means of luminescence spectra. A. K. Trofimov. Dokl. AN SSSR 108 no. 2:277-278 My '56.

BESPALAVA, VOL'HA MIKALAEUNA

For the human life; a sketch. K. Makarava. Belarus' 13 no. 6:18 Je '56.

BESSEL'S FUNCTIONS

Bessel's functions and representations of a group of Euclidean motions. N. IA. Vilenkin. Usp. mat. nauk 11 no. 3:69-112 My-Je '56.

Recurrent formulas for power sums of Bessel function roots. N. N. Meiman. Dokl. AN SSSR 108 no. 2:190-193 My '56.

BESSEMER PROCESS

Comparative study of some of the properties of Bessemer open-hearth rimmed steel. A. S. Babii. Stal, proizv. no. 1:62-67 '56.

Correlation between the design of converter bottoms and the oxygen content of Bessemer steel. S. G. Afanas'ev. Stal, proizv. no. 1:56-61 '56.

Evaporation of iron due to air blast in converters. P. IA. Sorokin. Izv. AN SSSR. Otd. tekh. nauk no. 8: 28-36 Ag '56.

Use of oxygen in the Bessemer process. S. G. Afanas'ev. Metallurg no. 3:6-13 Mr '56.

BESSONOVKA DISTRICT—FARM MANAGEMENT

Managing the collective farm economically and prudently. P. Sametskii. Kolkh. proizv. 18 no. 7:5 Jl '56.

BET-PAK-DALA—RECLAMATION OF LAND

"A lost island." Igor' Vasil'kov. Reviewed by V. Kovda. Novyi mir 32 no. 7:271-272 Jl '56.

BEZUHLYI, OLEKSANDR

"First violin." V. Honcharenko. Ukraina no. 15:15 Ag '56.

BIACRIDINIUM COMPOUNDS

Chemiluminescence of lucigenin. B. D. Ryzhikov. Izv. AN SSSR. Ser. fiz. 20 no. 5:533-536 My '56.

BIBLE. N. T.—CRITICISM, TEXTUAL

New critical edition of the Greek text of the New Testament (continuation). A. Ivanov. Zhur. Mosk. Patr. no. 4:49 Ap '56.

New critical edition of the Greek text of the New Testament (conclusion). A. Ivanov. Zhur. Mosk. Patr. no. 5: 43-52 My '56.

BIBLE. N. T.—MANUSCRIPTS, GREEK

Gospels of 1691. Bishop Mikhail. Zhur. Mosk. Patr. no. 4:43-49 Ap '56.

BIBLIOGRAPHICAL EXHIBITIONS
(see also subdivision under Moscow)

Holiday of the Soviet book. B. Gorbachevskii, E. Neustroevskii. Bibliotekar' no. 8:7-11 Ag '56.

Soviet book exhibition. A. Sidorov. Ogonek 34 no. 27: 13 Jl '56.

BIBLIOGRAPHY

[Accession lists of the Library of the Institute for the Study of the U. S. S. R.] Spiski novykh postuplenii Biblioteki Instituta no. 25 Ap '56.

[Accession lists of the Library of the Institute for the Study of the U. S. S. R.] Spiski novykh postuplenii Biblioteki Instituta nos. 27-28, Je-Jl '56.

[Book chronicle.] Knizhnaia letopis' nos. 34-36, 38, 40 '56.

[Book chronicle.] Knizhnaia letopis' no. 41 '56.

[Book chronicle.] Knizhnaia letopis' no. 42 '56.

The bookshelf. Kul't. -prosv. rab. 17 no. 7:56 Jl '56.

The bookshelf. Kul't. -prosv. rab. 17 no. 9:56 Ag '56.

Brief annotations on new books. Priroda 45 no. 7:121-123 Jl '56.

Brief news of books. Komm. Bel. 28 no. 6:3 -3 of cover Je '56.

Forward to communism; materials for group readings. Klub 5 no. 5:20-21 My '56.

Geography and bibliography. O. S. Novyi mir 32 no. 9: 282 S '56.

New books. Blok. agit. vod. transp. no. 10:40-3 of cover S '56.

New books. Dal'. Vost. 24 no. 3:183-192 My-Je '56.

New books. Izv. AN Arm. SSR. Obshchestv. nauki no. 6: 130 '56.

New books. Mosk. prop. 13 no. 7:79-80 Jl '56.

New books. Nauka i zhizn' 23 no. 6:61 Je '56.

New books. Nauka i zhizn' 23 no. 8:62 Ag '56.

[New books.] Novye knigi nos. 31, 34 O '56.

[New books.] Novye knigi no. 33 O '56.

[New books.] Novye knigi no. 35 O '56.

[New books.] Novye knigi nos. 36-37 N '56.

New books. Novyi mir 32 no. 6:285-288 Je '56.

New books. Rad. shk. 35 no. 5:57-58 My '56.

New books. Sib. ogni 35 no. 3:192 My-Je '56.

New books. Sots. kul't. 9 no. 6:47 Je '56.

New books. Sots. kul't. 10 no. 8:47 Ag '56.

New books. Sov. Kazakh. 22 no. 6:120 Je '56.

New books. Visnyk AN URSR 24 no. 11:74-76 N '56.

New books. Vitchyzna 34 no. 7:102 Jl '56.

New books; brief summaries of books published by the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 26 no. 8:135-140 Ag '56.

New publications by institutions of higher learning. Vest. vys. shkoly 14 no. 8:63 Ag '56.

An obvious truth. I. Rozanov. Novyi mir 32 no. 9:280 S '56.

Recent books. Novyi mir 32 no. 7:287-288 Jl '56.

Recent books. Novyi mir 32 no. 9:287-288 S '56.

Topics and literature for talks in September 1956. Blok. agit. no. 24:47-4 of cover Ag '56.

Useful bibliographic work ("Descriptive catalog of publications of the civil press; 1708-January 1725.") Reviewed by A. V. Predtechenskii). Vest. AN SSSR 26 no. 8:133-134 Ag '56.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY

Literature on the mechanization of agriculture. Mekh. sil'. hosp. 7 no. 8:2 of cover Ag '56.

BIBLIOGRAPHY—AGRICULTURE

Books sent to the editors for comments. Agrobiologiia no. 3:158-159 My-Je '56.

Bookshelf. Sel'khoz. Povol. no. 6:37 Je '56.

Experiment in conducting a readers' conference devoted to a discussion of agricultural literature. V. G. Kurbatova. Bibliot. SSSR no. 4:40-43 '55.

Look up and read these books... IUn. nat. no. 1:38 Ap '56.

BIBLIOGRAPHY—AGRICULTURE (Continued)

New books. Blok. agit. no. 27:47-3 of cover S '56.

New books. Kolkh. proizv. 16 no. 5:48 My '56.

New books. Mekh. sil'. hosp. 7 no. 1:2 of cover Ja '56.

New books. Mekh. sil'. hosp. 7 no. 9:4 S '56.

New books. Mosk. prop. 13 no. 5:78-79 My '56.

Survey of publications by state libraries of the Union republics to promote agricultural literature. L. M. Vadikovskaia. Bibliot. SSSR no. 5:77-104 '56.

BIBLIOGRAPHY—ARBUZOV, BORIS ALEKSANDROVICH, 1903-

Akademiia nauk SSSR. Boris Aleksandrovich Arbuzov. Vstup. stat'ia A. N. Pudovika. Bibliogr. sost. N. M. Nesterovoi. Moskva, 1956. 43 p. (Materialy k biobibliografii uchenykh SSSR. Seriia khimicheskikh nauk, no. 22)

BIBLIOGRAPHY—ARITHMETIC—STUDY AND TEACHING

Aids in making up lesson plans for Russian language and arithmetic classes. M. A. Andreiuk. Nach. shkola 24 no. 8:59-60 Ag '56.

BIBLIOGRAPHY—ASTRONOMY

New books and articles on physics and astronomy. Fiz. v shkole 16 no. 4:84-86 Jl-Ag '56.

BIBLIOGRAPHY—ATOMIC POWER

New literature on topics related to the use of atomic energy for peaceful purposes. V. S. Atom. energ. no. 3:149-151 '56.

BIBLIOGRAPHY—AUTOMATIC CONTROL

Automation and telemechanics of industrial processes. L. Samokhvalova. Bibliotekar' no. 7:5-9 Jl '56.

BIBLIOGRAPHY—AUTOMOBILES

New books. Avt. i trakt. prom. no. 6:46 Je '56.

BIBLIOGRAPHY—BIOCHEMISTRY

Aleksandr IAkovlevich Danilovskii and his role in the development of contemporary biochemistry. L. I. Zhukovskyi. Ukr. biokhim. zhur. 22 no. 2:224-228 '50.

[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia no. 7 '56.

BIBLIOGRAPHY—BIOPHYSICS

Bibliography. Biofizika 1 no. 3:303-304 '56.

[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia no. 7 '56.

BIBLIOGRAPHY—BLACK SEA—MARINE BIOLOGY

List of literature on the fauna and flora of the Black Sea region near the Karadag Biological Station. L. A. Prokudina. Trudy Karad. biol. sta. no. 12:128-134 '52.

BIBLIOGRAPHY—BOILERS

Partial list of works of the Polzunov Central Boiler and Turbine Institute published in the second half of 1955. Energomashinostroenie no. 6:32 Je '56.

BIBLIOGRAPHIY—BUILDING

Bibliography: Annotations. Stroi. prom. 34 no. 48 Je '56.

Bibliography. Arkhit. SSSR no. 6:48 '56.

Bibliography. Biul. stroi. tekh. 13 no. 6:47-48 Je '56.

Bibliography. Biul. stroi. tekh. 13 no. 7:45-47 Jl '56.

Bibliography. Nov. tekh. i pered. op. v stroi. 10 no. 7:32 Jl '56.

Bibliography. Stroi. prom. 34 no. 7:40-47 Jl '56.

New books. Sel'. stroi. 11 no. 6:3 of cover Je '56.

New books. Sel'. stroi. 11 no. 7:3 of cover Jl '56.

New books. Stroi. pred. neft. prom. 1 no. 4:31 Je '56.

New books. Stroi. pred. neft. prom. 1 no. 5:31-32 Jl '56.

New books. Transp. stroi. 6 no. 6:3 of cover Je '56.

New books on construction and architecture. Arkhit. i stroi. Mosk. 5 no. 3:3 of cover Ag '56.

BIBLIOGRAPHY—CEMENT INDUSTRIES

Bibliography. TSement 22 no. 2:3 of cover Mr-Ap '56.

BIBLIOGRAPHY—CHEKHOV, ANTON PAVLOVICH, 1860-1904

New books on Chekhov. G. Belen'kii and I. Kaptan. Lit. v shkole 17 no. 4:66-71 Jl-Ag '56.

BIBLIOGRAPHY—CHEMISTRY

In memory of M. V. Likhosherstov. A. A. Petrov. Zhur. ob. khim. 26 no. 6:1515-1518 My '56.

New books. Ukr. khim. zhur. 22 no. 3:410 '56.

Nikolai Nikolaevich Efremov; biographical sketch. S. A. Pogodin. Izv. Sekt. fiz.-khim. anal. 27:7-14 '56.

BIBLIOGRAPHY—CHESS

New books. Shakh. v SSSR 33 no. 6:183 Je '56.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

[Books for children's and school libraries; a guide to recommended literature] Knigi 1956 goda dlia detskikh i shkol'nykh bibliotek no. 4 '56. 103 p.

New books of the Children's Publishing House. Geog. v shkole 19 no. 3:79 My-Je '56.

BIBLIOGRAPHY—CITIES AND TOWNS

Dissertations devoted to cities. G. P. Matveev. Vop. geog. no. 38:246-247 '56.

BIBLIOGRAPHY—COAL MINES AND MINING

Articles on coal from foreign journals (conclusion). Ugol' 31 no. 7:47-48 Jl '56.

New books on mining. Ugol' 31 no. 7:45-47 Jl '56.

Russia (1923- U. S. S. R.) Gosudarstvennoe nauchno-tekhnicheskoe izdatel'stvo literatury po ugol'noi promyshlennosti. [A short list of subjects for manuscripts to be submitted during the period 1957-1960] Kratkii perechen' tem dlia podgotovki rukopisei na 1957-1960 gg. Moskva, Ugletekhizdat, 1956. 20 p.

BIBLIOGRAPHY—COMMERCE

Books and articles on problems of economics and foreign trade of foreign countries. Books and brochures received during the first quarter of 1956. Vnesh. torg. 26 no. 7:29 Jl '56.

BIBLIOGRAPHY—COMMUNICABLE DISEASES

Bibliography of Russian literature on problems in microbiology, immunology, communicable diseases and epidemiology for the fourth quarter of 1955. Zhur. mikrobiol. epid. i immun. 27 no. 7:107-110 Jl '56.

BIBLIOGRAPHY—COMMUNISM

Levin, L. A. and R. M. Savitskaia. [Publication of the classics of Marxism-Leninism in the U.S.S.R.] Izdaniia proizvedenii klassikov marksizma-leninizma v SSSR. Moskva, Goskul'tprosvetizdat, 1955. 116 p. (Bibliografiia obshchestvenno-politicheskoi literatuty, 1) (MII)

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Sovetskogo Soiuza. 20.s"ezd. Moscow, 1956. [The 20th Congress of the Communist Party of the Soviet Union; a bibliography] XX s"ezd...; v pomoshch' izuchaiushchim materialy s"ezda. Leningrad, Gos. publichnaia biblioteka, 1956. 41 p.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

New books. Strol. pred. neft. prom. 1 no. 1:30-31 Mr '56.

Short list of designing organizations issuing information materials. Rats. i izobr. predl. v stroi. no. 134:25-27 '56.

BIBLIOGRAPHY—COTTON GROWING

New books. Khlopkovodstvo 6 no. 7:64 Jl '56.

BIBLIOGRAPHY—DAIRY INDUSTRY

New books. Moloch. prom. 17 no. 5:47 '56.

BIBLIOGRAPHY—DRAINAGE

Soil improvement. Pochvovedenie no. 4:126 Ap '56.

Soil improvement. Pochvovedenie no. 5:141-142 My '56.

BIBLIOGRAPHY—ECONOMICS

Literature to aid students of problems in practical economics. Komm. Bel. 29 no. 6:82-84 S '56.

BIBLIOGRAPHY—EDUCATION

Bookshelf. Nar. obr. no. 6:72 Je '56.

Bookshelf. Nar. obr. no. 7:69 Jl '56.

New books. Rad. shk. 35 no. 7:54-55 Jl '56.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

New books on electricity and electrical engineering. Elektrichestvo no. 6:95 Je '56.

BIBLIOGRAPHY—ELECTRIC MACHINERY

Guarantee textbook literature for courses in electric machinery construction. N. S. Stunov, M. G. Rozin. Vest. vys. shkoly 14 no. 7:66-69 Jl '56.

BIBLIOGRAPHY—ELECTRICITY IN AGRICULTURE

Matveeva, L. E. [Aids for rural electricians; a bibliography] V pomoshch' sel'skomu elektrifikatoru; kratkii rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 45 p. (Pomoshch' sel'skim rabochim professiiam, no. 1) (DA)

BIBLIOGRAPHY—ELECTRON TUBES

New books. Radio no. 7:64 Jl '56.

BIBLIOGRAPHY—EROSION

Soil erosion and erosion control. Pochvovedenie no. 5: 144-145 My '56.

BIBLIOGRAPHY—EUROPE, EASTERN

Moscow. Publichnaia biblioteka. [The European people's democracies on the road to socialism; a bibliography] Evropeiskie strany narodnoi demokratii na puti k sotsializmu; rekomendatel'nyi ukazatel' literatury. Moskva, 1956. 110 p.

BIBLIOGRAPHY—FERTILIZERS AND MANURES

Soil fertility, fertilizers and tillage. Pochvovedenie no. 4:124-128 Ap '56.

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 6:137-141 My '56.

BIBLIOGRAPHY—FINANCE

Bookshelf. Den. i kred. 14 no. 6:61-62 Je '56.

Bookshelf. Den. i kred. 14 no. 6:63 Ag '56.

New books. Fin. SSSR 17 no. 6:91 Je '56.

BIBLIOGRAPHY—FISHERIES

New literature on fisheries. V. A. Nevskii. Ryb. khoz. 32 no. 6:94 Je '56.

BIBLIOGRAPHY—FOREST SOILS

Forest soil science and the improvement of forests. Pochvovedenie no. 5:142-144 My '56.

BIBLIOGRAPHY—FORESTS AND FORESTRY

Forest soil science and the improvement of forests. Pochvovedenie no. 5:142-144 My '56.

BIBLIOGRAPHY—FOUNDING

New books on foundry practice. Lit. proizv. no. 7:3 of cover. Jl '56.

BIBLIOGRAPHY—FRICTION

Bibliography on friction, wear and lubrication for 1953: Friction and wear, Lubrication. Tren. i izn. mash. no. 11:324-351 '56.

BIBLIOGRAPHY—FUNCTIONAL ANALYSIS

History of the development of functional analysis in the Ukraine. G. E. Shilov. Ist.-mat. issl. no. 9:427-476 '56.

BIBLIOGRAPHY—GAS WELDING AND CUTTING

Leningrad. Publichnaia biblioteka. [What to read on gas welding and cutting in order to improve one's qualifications; a bibliography] Chto chitat' gazosvarshchiku dlia povysheniia kvalifikatsii; recomendatel'nyi ukazatel' literatury. Leningrad, 1956. 41 p.

BIBLIOGRAPHY—GEOGRAPHY

New books of the Geography Publishing House. Geog. v shkole 19 no. 3:78 My-Je '56.

Seminar on a bibliography of geographical literature. V. V. Klevenskaia. Bibliot. SSSR no. 4:3-30 '55.

BIBLIOGRAPHY—GEOMETRY

Aleksandr Petrovich Kotel'nikov. B. A. Rozenfel'd. Ist.-mat. issl. no. 9:317-400 '56.

Kazan geometrician Fedor Matveevich Suvorov. P. M. Olonichev. Ist.-mat. issl. no. 9:271-316 '56.

BIBLIOGRAPHY—GEOMETRY, NON-EUCLIDEAN

Supplementary materials to the history of the spread of N. I. Lobachevskii's ideas in Russia. IU. M. Gaiduk. Ist.-mat. issl. no. 9:215-246 '56.

BIBLIOGRAPHY—GOR'KII, MAKSIM, 1868-1936

Rumanova, L. IU. [Aleksei Maksimovich Gor'kii, 1868-1936; a bibliography for public libraries] Aleksei Maksimovich Gor'kii, 1868-1936; kratkii rekomendatel'nyi ukazatel' i materialy dlia massovykh bibliotek. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 163 p.

BIBLIOGRAPHY—HEALTH RESORTS, WATERING PLACES, ETC.

Health resorts, sanatoria and rest homes in the Ukrainian S. S. R.; a bibliographical index. Reviewed by G. A. Nevraev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:82-83 Ja-Mr '56.

BIBLIOGRAPHY—HISTORY

Bookshelf. Prep. ist. v shkole 11 no. 3:119-122 My-Je '56.

Bookshelf. Prep. ist. v shkole 11 no. 4:119-122 Jl-Ag '56.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING

Articles on hydraulic engineering, hydroelectric power and related fields. Gidr. stroi. 25 no. 4:59-64 My '56.

Articles on hydraulic engineering, hydroelectric power and related fields. Gidr. stroi. 25 no. 6:63 Jl '56.

Articles on hydraulic engineering, water power and related fields. Gidr. stroi. 25 no. 6:64 Je '56.

Books on hydraulic engineering, hydroelectric power and related fields. Gidr. stroi. 25 no. 4:59 My '56.

Books on hydraulic engineering, water power and related fields. Gidr. stroi. 25 no. 3:64-65 Ap '56.

From the pages of foreign journals. Gidr. stroi. 25 no. 5:56 Je '56.

From the pages of foreign journals. Gidr. stroi. 25 no. 6:57-60 Jl '56.

BIBLIOGRAPHY—INDUSTRIAL MANAGEMENT

New books. Mosk. prop. 13 no. 5:78-79 My '56.

BIBLIOGRAPHY—IRRIGATION

Soil improvement. Pochvovedenie no. 5:141-142 My '56.

BIBLIOGRAPHY—KAZAKHSTAN

Alma-Ata. Gosudarstvennaia publichnaia biblioteka Kazakhskoi SSR. [Kazakhstan; a bibliography for 1952] Kazakhstan; bibliografiia za 1952 god. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1953. 106 p.

BIBLIOGRAPHY—KHRUSHCHOV, MIKHAIL MIKHAILOVICH, 1890-

Bibliography of M. M. Khrushchov's works. Tren. i izn. mash. no. 7:8-11 '53.

BIBLIOGRAPHY—KRYLOV, ALEKSEI NIKOLAEVICH, 1863-1945

Krylov, A. N. [Collected works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 12, pt. 2. [Bibliography] Bibliografiia. 1956. 395 p.

BIBLIOGRAPHY—KRYMOV, IURII SOLOMONOVICH, 1908-1941

Leningrad. Publichnaia biblioteka. [Iurii Solomonovich Krymov (1908-1941); a bibliography] Iurii Solomonovich Krymov (1908-1941); ukazatel' literatury. Leningrad, 1956. 18 p.

BIBLIOGRAPHY—LAW—POLAND

Polish legal literature (1955). Sov. gos. i pravo no. 5: 155-159 '56.

BIBLIOGRAPHY—LEVCHENKO, MITROFAN VASIL'EVICH, 1890-1955

A list of works by M. V. Levchenko. N. S. Lebedev. Viz. vrem. 8:388-390 '56.

BIBLIOGRAPHY—LIBRARIES

Bibliographical aids lie in the storehouses. G. Chizhkova. Bibliotekar' no. 8:41-42 Ag '56.

BIBLIOGRAPHY—LIQUID FUELS

New books. Khim. i tekh. topl. no. 7:71 Jl '56.

BIBLIOGRAPHY—LITERATURE

New books. Druzh. nar. no. 6:188-192 Je '56.

New books. Druzh. nar. no. 8:190-192 Ag '56.

BIBLIOGRAPHY—LOADING AND UNLOADING

Mechanized loading and unloading of logs. I. M. Arishtein. Les. prom. 34 no. 7:31 Jl '56.

BIBLIOGRAPHY—LUBRICATION AND LUBRICANTS

Bibliography on friction, wear and lubrication for 1953: Friction and wear, Lubrication. Tren. i izn. mash. no. 11:324-351 '56.

BIBLIOGRAPHY—LUMBERING

The contribution of science to production (technical information of the S. M. Kirov Lumbering Institute in Leningrad). I. L. Les. prom. 34 no. 6:31-32 Je '56.

New publications of the Central Bureau of Technical Information. Les. prom. 34 no. 7:32 Jl '56.

BIBLIOGRAPHY—LUMBERING—EQUIPMENT AND SUPPLIES

Mechanized loading and unloading of logs. I. M. Arishtein. Les. prom. 34 no. 7:31 Jl '56.

BIBLIOGRAPHY—MACHINE TOOLS

Books. Stan. i instr. 27 no. 6:46 Je '56.

Dissertations. Stan. i instr. 27 no. 6:46-47 Je '56.

Periodicals. Stan. i instr. 27 no. 6:47-48 Je '56.

BIBLIOGRAPHY—MACHINERY

Books. Stan. i instr. 27 no. 8:45-48 Ag '56.

Dissertations. Stan. i instr. 27 no. 8:46 Ag '56.

From the pages of journals. Mekh. trud. rab. 10 no. 7:48 Jl '56.

New books. Vest. mash. 36 no. 7:92-93 Jl '56.

Periodicals. Stan. i instr. 27 no. 8:46-47 Ag '56.

Review of foreign periodicals. Vest. mash. 36 no. 7: 94-95 Jl '56.

BIBLIOGRAPHY—MAGNETIC RECORDERS AND RECORDING

New books. Radio no. 7:64 Jl '56.

BIBLIOGRAPHY—MATHEMATICS

Kharkov Mathematical Society during the first 75 years of its existence, 1879-1954. M. N. Marchevskii. Ist.-mat. issl. no. 9:613-666 '56.

List of books on mathematics published by the State Publishing House of Technical Literature during 1954-1955. Usp. mat. nauk 11 no. 3:235-239 My-Je '56.

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika no. 4 '56.

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika no. 6 '56.

Vasilii Petrovich Ermakov. L. N. Gratsianskaia. Ist.-mat. issl. no. 9:667-690 '56.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Authors' abstracts of dissertations. Vest. mash. 36 no. 7:91-92 Jl '56.

BIBLIOGRAPHY—MECHANICAL WEAR

Bibliography on friction, wear and lubrication for 1953: Friction and wear, Lubrication. Tren. i izn. mash. no. 11:324-351 '56.

BIBLIOGRAPHY—MEDICINE

New books. Fel'd. i akush. 21 no. 6:62 Je '56.
New books. Voen.-med. zhur. no. 6:96 Je '51.
New books. Voen.-med. zhur. no. 6:96 Je '56.
New books. Voen.-med. zhur. no. 9:96 S '51.
New books. Voen.-med. zhur. no. 9:96 S '55.

BIBLIOGRAPHY—MERCHANT MARINE

New books. Blok. agit. vod. transp. no. 14:3 of cover Jl '56.

BIBLIOGRAPHY—METAL INDUSTRIES

What to read. Metallurg no. 3:39-40 Mr '56.

BIBLIOGRAPHY—METALLURGY

Annotations. Stal' 16 no. 7:670-672 Jl '56.

What to read. A. E. Netesin. Metallurg no. 1:37-39 Ja '56.

What to read. Metallurg no. 2:3 of cover F '56.

BIBLIOGRAPHY—METALS

Academic dissertations. Metalloved. i obr. met. no. 6: 64 Je '56.

BIBLIOGRAPHY—METEORITES

Publication of "Bibliography on meteorites" [in English]. G. Broun, ed. Reviewed by E. L. Krinov. Geokhimiia no. 1:123 '56.

BIBLIOGRAPHY—MICROBIOLOGY

Bibliography of Russian literature on problems in microbiology, immunology, communicable diseases and epidemiology for the fourth quarter of 1955. Zhur. mikrobiol. epid. i immun. 27 no. 7:107-119 Jl '56.

[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia no. 7 '56.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

New books. Voen. znan. 31[1. e. 32] no. 5:31 My '56.

BIBLIOGRAPHY—MINERALS IN SOIL

Soil mineralogy. Pochvovedenie no. 4:119 Ap '56.

BIBLIOGRAPHY—MOTION-PICTURE PLAYS

New motion pictures. Isk. kino no. 5:124-128 My '56.

New motion pictures. Isk. kino no. 6:124-128 Je '56.

BIBLIOGRAPHY—MUNICIPAL SERVICES

New books on municipal economy. Gor. khoz. Mosk. 30 no. 6:3 of cover Je '56.

BIBLIOGRAPHY—MUSIC

[Chronicle of musical literature.] Letopis' muzykal'noi literatury no. 3 '56.

BIBLIOGRAPHY—NONFERROUS METALS

New technical books. TSvet. met. 29 no. 6:79-82 Je '56.

BIBLIOGRAPHY—OILS AND FATS

Review of magazine articles on the oils and fats, perfume and cosmetic industries. Masl.-zhir. prom. 22 no. 4: 33-37 '56.

BIBLIOGRAPHY—OPEN-HEARTH FURNACES

What to read. Metallurg. no. 4:40 Ap '56.

BIBLIOGRAPHY—PEAT

Literature on peat. Torf. prom. 33 no. 4:40 '56.

BIBLIOGRAPHY—PEAT INDUSTRY

Peat literature. Torf. prom. 33 no. 5:39-40 '56.

BIBLIOGRAPHY—PETROLEUM

New books. Khim. i tekh. topl. no. 2:72 F '56.

New books on petroleum. Neft. khoz. 34 no. 6:72-3 of cover Je '56.

BIBLIOGRAPHY—PETROLEUM INDUSTRY

New books. Sirol. pred. neft. prom. 1 no. 1:30-31 Mr '56.

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING

What to read on the physical training of pupils. A. N. Shifrin. Nach. shkola 24 no. 9:62-63 S '56.

BIBLIOGRAPHY—PHYSICS

New books and articles on physics and astronomy. Fiz. v shkole 16 no. 4:84-86 Jl-Ag '56.

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika no. 4 '56.

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika no. 6 '56.

BIBLIOGRAPHY—PHYSIOLOGY

[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia no. 7 '56.

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

These books will help you in your work. Vozhatyi 32 no. 8:17 Ag '56.

BIBLIOGRAPHY—POLITICAL SCIENCE

Survey of books. Mezhdunar. zhizn' no. 8:151 156 Ag '56.

BIBLIOGRAPHY—POULTRY

Leningrad. Publichnaia biblioteka. [Raising young farm animals and poultry; a bibliography] Vyrashchivanie molodniaka sel'skokhoziaistvennykh zhivotnykh i ptitsy; rekomendatel'nyi ukazatel' literatury. Leningrad, 1956. 18 p.

BIBLIOGRAPHY—POWER ENGINEERING

List of books on heat-power engineering published in 1955. Energetik 4 no. 7:40 Jl '56.

Literature on industrial power engineering. Prom. energ. 11 no. 5:3 of cover My '56.

Literature on industrial power engineering. Prom. energ. 11 no. 6:3 of cover Je '56.

New books on power engineering. M. A. Mostovala. Elek. sta. 27 no. 6:64 Je '56.

BIBLIOGRAPHY—PRINTING INDUSTRY

Russia (1923- U.S.S.R.) Glavnoe upravlenie knizhnoi torgovli. [Books on the printing industry] Knigi po poligrafii. Moskva, Gos. izd-vo "Iskusstvo," 1956. 15 p.

BIBLIOGRAPHY—PROBABILITIES

Development of the theory of probabilities in the Ukraine. B. V. Gnedenko, I. I. Gikhman. Ist.-mat. issl. no. 9: 477-530 '56.

BIBLIOGRAPHY—RADIATION

Bibliography. Biofizika 1 no. 2:190-192 '56.

BIBLIOGRAPHY—RADIO

New books. Elektrosvinz' 10 no. 6:79 Ag '56.
New books. Radiotekhnika 11 no. 5:80 My '56.
New books. Radiotekhnika 11 no. 6:79-80 Je '56.

BIBLIOGRAPHY—RADIOISOTOPES

New literature on topics related to the use of atomic energy for peaceful purposes. V. S. Atom. energ. no. 3:149-151 '56.

BIBLIOGRAPHY—RAILROAD ENGINEERING

The bookshelf. Tekh. zhel. dor. 15 no. 4:3 of cover Je '56.

BIBLIOGRAPHY—RECLAMATION OF LAND

Soil improvement. Pochvovedenie no. 4:126 Ap '56.

BIBLIOGRAPHY—RELIGION

Aid to the propagation of scientific atheism; survey of literature. A. S. Varshavskii, IU. P. Sharapov. Prep. ist. v shkole 11 no. 4:101-108 Jl-Ag '56.

BIBLIOGRAPHY—REMOTE CONTROL

Automation and telemechanics of industrial processes. L. Samokhvalova. Bibliotekar' no. 7:5-9 Jl '56.

BIBLIOGRAPHY—RURAL ELECTRIFICATION

Matveeva, L. E. [Aids for rural electricians; a bibliography] V pomoshch' sel'skomu elektrifikatoru; kratkii rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 45 p. (Pomoshch' sel'skim rabochim professiiam, no. 1) (DA)

BIBLIOGRAPHY—RUSSIA—LITERATURES

New books. Druzh. nar. no. 7:189-192 Jl '56.

BIBLIOGRAPHY—RUSSIA—REVOLUTION OF 1905

Bolshevik bibliography in the years of the first Russian revolution. S. S. Levina. Bibliot. SSSR no. 4:109-119 '55.

Recollections of participants in the revolutionary movement. Z. Fradkina, N. Shokina. Mol. komm. 14 no. 7: 122-126 Jl '56.

BIBLIOGRAPHY—RUSSIA—REVOLUTION, 1917-1921

Recollections of participants in the revolutionary movement. Z. Fradkina, N. Shokina. Mol. komm. 14 no. 7: 122-126 Jl '56.

BIBLIOGRAPHY—RUSSIAN LANGUAGE

New literature for Russian language teachers. Rus. iaz. v shkole 17 no. 3:109-119 My-Je '56.

BIBLIOGRAPHY—RUSSIAN LANGUAGE—STUDY AND TEACHING

Aids in making up lesson plans for Russian language and arithmetic classes. M. A. Andreiuk. Nach. shkola 24 no. 8:59-60 Ag '56.

BIBLIOGRAPHY—RUSSIAN LITERATURE—HISTORY AND CRITICISM

For a bibliography to "The tale of Igor's expedition." P. N. Popov. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:268-271 My-Je '56.

BIBLIOGRAPHY—SANITARY ENGINEERING

Annotated bibliography. Vod. i san. tekh. no. 5:39-40 My '56.

BIBLIOGRAPHY—SCIENCE

Annotated list of books published in Russian translations by the State Publishing House for Foreign Literature. Nov. knigi za rub. 9 no. 6:138-139 Je '56.

Brief notes on new books. Priroda 45 no. 8:121-123 Ag '56.

List of books on natural and exact sciences received by the State Publishing House for Foreign Literature, April 1-30, 1956. Nov. knigi za rub. 9 no. 6:132-137 Je '56.

New books; brief annotations of publications of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 26 no. 6:147-150 Je '56.

New books; brief annotations of publications of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 26 no. 7: 107-110 Jl '56.

BIBLIOGRAPHY—SEMICONDUCTORS
New books. Radio no. 7:64 Jl '56.

BIBLIOGRAPHY—SHIPBUILDING
From the pages of journals. Sudostroenie 22 no. 4:52 Ap '56.
From the pages of journals. Sudostroenie 22 no. 6:45-46 Je '56.
New books. Sudostroenie 22 no. 5:52 My '56.

BIBLIOGRAPHY—SOAP
Review of magazine articles on the oils and fats, perfume and cosmetic industries. Masl.-zhir. prom. 22 no. 4: 33-37 '56.

BIBLIOGRAPHY—SOIL BIOLOGY
Biology and microbiology of soils. Pochvovedenie no. 4: 122-124 Ap '56.
Biology and microbiology of soils. Pochvovedenie no. 5: 135-137 My '56.

BIBLIOGRAPHY—SOIL CHEMISTRY
Soil chemistry and methods of research. Pochvovedenie no. 4:121-122 Ap '56.
Soil chemistry and methods of research. Pochvovedenie no. 5:134-135 My '56.

BIBLIOGRAPHY—SOIL FERTILITY
Soil fertility, fertilizers, and tillage. Pochvovedenie no. 4:124-128 Ap '56.
Soil fertility, fertilizers, and tillage. Pochvovedenie no. 5:137-141 My '56.

BIBLIOGRAPHY—SOIL MICRO-ORGANISMS
Biology and microbiology of soils. Pochvovedenie no. 4: 122-124 Ap '56.

BIBLIOGRAPHY—SOIL PHYSICS
Physical properties of soil and methods of research. Pochvovedenie no. 4:119-121 Ap '56.
Physical properties of soil and methods of research. Pochvovedenie no. 5:132-134 My '56.

BIBLIOGRAPHY—SOILS
Factors in soil formation, genesis and geography of soils. Pochvovedenie no. 4:118-119 Ap '56.
General works and history of soil science. Pochvovedenie no. 5:145-146 My '56.
Genesis, geography, and cartography of soils. Pochvovedenie no. 5:131-132 My '56.

BIBLIOGRAPHY—SOILS—MAPS
Genesis, geography, and cartography of soils. Pochvovedenie no. 5:131-132 My '56.

BIBLIOGRAPHY—SPORTS
New books. Fizk. i sport 26 no. 3:40 '56.

BIBLIOGRAPHY—SUGAR INDUSTRY
Collection of works on the exchange of advanced technical experience. N. A. Domchinskii. Sakh. prom. 30 no. 5:70 My '56.
Publication plan for literature dealing with sugar production problems. Sakh. prom. 30 no. 6:78-79 Je '56.

BIBLIOGRAPHY—SUGAR MACHINERY
"Collection of drawings, parts, and units of equipment." Reviewed by I. L. Vilianskii. Sakh. prom. 30 no. 6: 77-78 My '56.

BIBLIOGRAPHY—TAJIKISTAN—ARCHAEOLOGY
Literature on the archeology of Tajikistan published in 1953. M. M. D'iakonov, B. A. Litvinskii. Dokl. AN Tadzh. SSR no. 11:81-84 '54.

BIBLIOGRAPHY—TELECOMMUNICATION
New publications on communications. Vest. sviazi 16 no. 7:34-35 Jl '56.

BIBLIOGRAPHY—THERAPEUTICS, PHYSIOLOGICAL
List of dissertations defended in 1954. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:87-88 Ja-Mr '56.

BIBLIOGRAPHY—THERMODYNAMICS
New books on power engineering. M. A. Mostovaia. Elek. sta. 27 no. 6:64 Je '56.

BIBLIOGRAPHY—TILLAGE
Soil fertility, fertilizers, and tillage. Pochvovedenie no. 4:124-128 Ap '56.
Soil fertility, fertilizers, and tillage. Pochvovedenie no. 5:137-141 My '56.

BIBLIOGRAPHY—TRANSPORTATION, AUTOMOTIVE
New books. Avt. transp. 34 no. 5:3 of cover My '56.

BIBLIOGRAPHY—UKRAINE—MINERALOGY
Literature on the mineralogy of the Ukraine for 1954. F. F. Maksimenko. Min. sbor. no. 9:384-389 '55.

BIBLIOGRAPHY—UKRAINKA, LESIA, 1871-1913
Bulavyts'ka, M. V. [Lesia Ukrainka; a bibliography] Lesia Ukrainka; bibliografichnyi pokazhchyk. Kyiv, Vyd-vo Akademii nauk URSR, 1956. 99 p.

BIBLIOGRAPHY—VEGETABLE GARDENING
Bibliographical information on vegetable gardening. E. M. TSvetaeva. Sad i og. no. 7:80 Jl '56.
New books. Sad i og. no. 6:80 Je '56.
New books. Sad i og. no. 7:79 Jl '56.

BIBLIOGRAPHY—VITICULTURE
Literature on wine making and viticulture. Vin. SSSR 16 no. 4:64 '56.

BIBLIOGRAPHY—WELDING
Soviet books and articles on welding. V. A. Novskii. Svar. proizv. no. 6:3 of cover Je '56.

BIBLIOGRAPHY—WINE AND WINE MAKING
Literature on wine making and viticulture. Vin. SSSR 16 no. 4:64 '56.

BIBLIOGRAPHY—WOODWORKING INDUSTRIES
Articles in foreign journals. Der. prom. 5 no. 6:26-27 Je '56.
New books. Der. prom. 5 no. 6:26 Je '56.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)
Bibliographical work of province (territorial) and republic libraries. E. P. Korshunova. Biblint. SSSR no. 4:44-61 '55.

BICHURIN, NIKITA IAKOVLEVICH see Iakinf, monk, 1777-1853

BICYCLE RACING
Bliumfel'd, V. P. and A. V. Sodov. [On road and track] Na shosse i treke. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 52 p.
On highways and tracks. I. Ippolitov. Fizk. i sport 26 no. 7:22 '56.
Some advice. L. Hobot. Mol. mira no. 6:9 '56.
Three attempts. Vs. Dafredzhiev. Fizk. i sport 26 no. 7:14-15 '56.

BICYCLES AND TRICYCLES
Seven minutes or twenty seconds. I. Lemberik. Smena 33 no. 12:9-10 Je '56.

BICYCLOHEPTADIENE
Preparation of bicyclo-2, 2, 1-heptadiene-2, 5 by the condensation of cyclopentadiene with acetylene. A. F. Plate, M. A. Prianishnikova. Izv. AN SSSR. Otd. khim. nauk no. 6:741-742 Je '56.

BIERUT, BOLESŁAW, 1892-1956
Boleslaw Bierut; obituary. Sov. Soiuz no. 4:4 Ap '56.

BILE
Effect of Dzhermuk mineral waters on the secretion and chemistry of bile. S. A. Mirzoian, S. V. Dovlatian. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:7-12 Ja-Mr '56.
Effect of various quantitites of food in the body on the secretion of lipids with bile. M. P. Apanasiuk. Vop. med. khim. 2 no. 2:122-127 Mr-Ap '56.

BINDING MATERIALS
Rapid method of determining the quality of gypsum binding materials. N. V. Lobachev. Rats. i izobr. predl. v stroi. no. 135:20-23 '55.

BIOCHEMISTRY
(see also subdivision under Kharkov; Kiev; Odessa)
"Problems in medical chemistry." Reviewed by N. I. Sylakova. Ukr. biokhim. zhur. 28 no. 2:245-247 '56.
Some results and pospects of Soviet biochemistry of sports in setting up principles and methods of sports training. N. N. IAkovlev. Teor. i prak. fiz. kul't. 19 no. 7:520-531 Jl '56.

BIOCHEMISTRY—ABSTRACTS
[Chemistry: Biological chemistry; abstracts nos. 16047-16908] Referativnyi zhurnal: Khimiia; [illegible] khimiia no. 17 S '56.
[Chemistry: Biological chemistry; abst 17811] Referativnyi zhurnal: Khimiia; khimiia no. 18 S '56.
[Chemistry: Biological chemistry; abst 18718] Referativnyi zhurnal: Khimiia; khimiia no. 19 O '56.
[Chemistry: Biological chemistry; auth Referativnyi zhurnal: Khimiia; biologi no. 24 '55.

BIOCHEMISTRY—BIBLIOGRAPHY see Biochemistry

BIOCHEMISTRY—CONGRESSES see sub Brussels

BIOLOGICAL CONTROL OF INSECTS se ious and beneficial—Biological contro

BIOLOGICAL PRODUCTS
Sterile drying by the spraying method. Miss. ind. SSSR 27 no. 3:15-16 '56.

BIOLOGICAL RESEARCH see subdivisi stan

BIOLOGICAL WARFARE see Bacteriolo

BIOLOGY
(see also subdivision under Kirghizistan; Ukraine)
In the Department of Biological Sciences; (discussion of results of coordinated meetings). Z. V. Pozdniakova. Vest. AN SSSR 26 no. 7:73-76 Jl '56.

BIOLOGY—ABSTRACTS
[Biology; abstracts nos. 75223-76773] Referativnyi zhurnal: Biologiia no. 18 S '56.
[Biology; abstracts nos. 79774-84304] Referativnyi zhurnal: Biologiia no. 19 O '56.

BIOLOGY—STUDY AND TEACHING
Changes in the biology program. E. P. Brunovt. Est. v shkole no. 4:26-27 Jl-Ag '56.
Experience of progressive biology teachers. M. I. Mel'nikov. Est. v shkole no. 4:3-10 Jl-Ag '56.

BIOPHYSICS
Paths of development in biological physics. A. M. Kuzin. Trudy Inst. biol. fiz. no. 1:3-13 '55.
Petr Petrovich Lazarev, founder of Russian biophysics. B. V. Deriagin, M. P. Volarovich. Biofizika 1 no. 3:193-200 '56.

BIOPHYSICS—BIBLIOGRAPHY see Bibliography—Biophysics

BIPHENYL
Interaction of 1,4-dilithiumdihydrodiphenyl with alkyl halides. E. P. Kaplan, Z. I. Letina, A. D. Petrov. Zhur. ob. khim. 26 no. 5:1243-1246 My '56.

BIRCH
(see also subdivision under Tien Shan)
Determining the winter evaporation surface of the birch. E. A. Miroslavov. Bot. zhur. 41 no. 4:534-537 Ap '56.
Gigantic excrescence on a birch. A. M. Subbotin. Priroda 45 no. 8:120 Ag '56.

BIRD LICE
Ectoparasites of fowl and measures for controlling them. K. M. Krasnitskaia. Ptitsevodstvo 6 no. 8:32-34 Ag '56.

BIRDS
(see also subdivision under Okhotsk region; Turkmenistan)
Birds on a summer day. V. Parkhomenko. Ukraina no. 14:20 Jl '56.
The most and best! Vit. Bianki. IUn. nat. no. 1:25-27 Ap '56.
Reproduction intensity of birds in relation to the reproduction of rodents. M. A. Bubnov. Zool. zhur. 35 no. 7:1095 Jl '56.

BIRDS—COLLECTION AND PRESERVATION
Stuffing birds. S. Turov. Okh. i okh. khoz. no. 7:27-28 Jl '56.

BIRDS—FLIGHT see Flight

BIRDS—MIGRATION
During the transmigration. P. Manteifel'. Sov. Soiuz no. 5:36 My '56.

BIRDS—PARASITES see Parasites—Birds

BISMUTH
Study of oxyacid complexes. Part 1. Potentiometry and polarography of solutions of bismuth complexes with citric acid. I. V. Piatnitskii. Ukr. khim. zhur. 22 no. 3:320-330 '56.

BISMUTH—ELECTRIC PROPERTIES
Thermoelectric properties of bismuth. G. A. Ivanov, L. I. Mokievskii. Zhur. tekh. fiz. 26 no. 6:1343-1344

BITUMEN (Continued)

Results of experiments in stabilizing lower Dnieper sands with a bituminous emulsion. N. G. Zakharov, I. B. Revut, L. S. Dotsenko. Sbor. VNITOLES Ukr. resp. otd. no. 1/2: 206-221 '54.

BITUMINOUS MATERIALS

Continuous method of obtaining oxidized bitumen. I. V. Provinteev. Avt. dor. 19 no. 6:26-27 Je '56.

BIUS, EVGENII IVANOVICH, 1885-

Evgenii Ivanovich Bius. A. Bukhnikashvili. Trudy Inst. geofiz. AN Gruz. SSR 14:237-240 '55.

BLACK SEA—ALGAE

Materials for identifying the algae of the Gudauty oyster bank in the Black Sea near the Caucasian coast. V. N. Generalova. Trudy Karad. biol. sta. no. 12:96-100 '52.

Quantitative determination of organic substances found in Black Sea seaweeds. M. S. Dudkin, R. IA. Kertsman. Ukr. khim. zhur. 17 no. 2:217-223 '51.

Some data on the chemical composition of the Black Sea algae (macrophytes). P. D. Dzhelileva. Trudy Karad. biol. sta. no. 12:101-110 '52.

BLACK SEA—ATHERINE

New discovery of Atherina bonaparte (Boulanger (Pisces) in the Black Sea. K. S. Tkachova. Dop. AN URSR no. 2: 14-17 '48.

BLACK SEA—COPEPODA

Materials on parasitic Copepoda of the fishes of the Black Sea. O. P. Markevych. Trudy Inst. zool. AN URSR 8:91-99 '52.

BLACK SEA—CRABS

Fertility of the crab Portunus holsatus Fabr. in the Black Sea. Z. A. Vynohradova. Dop. AN URSR no. 2: 23-25 '48.

BLACK SEA—FISHES

Fertility of the Black-Sea fish. K. O. Vynohrad, K. S. Tkachova. Dop. AN URSR no. 2:18-22 '48.

BLACK SEA—GRAY MULLET

Biology of the young of gray mullet found in the Black Sea near Karadag. K. S. Tkacheva. Trudy Karad. biol. sta. no. 12:3-25 '52.

BLACK SEA—ISOPODA

Nutrition of the isopod Idothea baltica (Pallas) in the Black Sea. E. N. Bokova. Trudy Karad. biol. sta. no. 12:40-49 '52.

BLACK SEA—MARINE BIOLOGY

Catalog of the fauna and flora of the Black Sea region near the Karadag Biological Station. L. A. Prokudina. Trudy Karad. biol. sta. no. 12:116-127 '52.

BLACK SEA—MARINE FAUNA

The alkali, alkaline earth metal, and iron content of the muscles of some Black Sea fishes and invertebrates. F. A. Kruchakova. Trudy Karad. biol. sta. no. 12:111-115 '52.

Fauna of the rocks and stones of the Black Sea near Karadag. I. V. Sharonov. Trudy Karad. biol. sta. no. 12:68-77 '52.

Materials for a quantitative analysis of the benthonic fauna of the Black Sea near Karadag. M. IU. Bekman. Trudy Karad. biol. sta. no. 12:50-67 '52.

BLACK SEA—MUSSELS

Study of unsaponifiable substances from certain invertebrates. Part 1. Group D provitamins in Black Sea mussels. V. P. Vendt, L. M. Kuznetsova. Ukr. biokhim. zhur. 22 no. 2:144-153 '50.

...S—FISHES

...les of the fishes of the southeast- ...Sea. T. P. Pogorel'tseva. Trudy ...:100-120 '52.

... Serranus scriba L. in the Black ... Trudy Karad. biol. sta. no. 12:

... the Black Sea. V. N. Tikhonov. ...-11 Je '56.

...AT LINES

...egion] Sovetskoe Chernomor'e. ...d-vo "Morskoi transport," 1956.

...DA

...fishes of the Black Sea. T. P. ... Karad. biol. sta. no. 12:29-39

...TON

...itive analysis of the zooplankton ...Karadag. K. V. Kitucharev. ... no. 12:78-95 '52.

BLACK SEA REGION—DESCRIPTION AND TRAVEL

[The Soviet Black Sea region] Sovetskoe Chernomor'e. [Izd. 3-e.] Moskva, Izd-vo "Morskoi transport," 1956. 401 p.

BLACK SEA REGION—EUCALIPTUS

Australian aborigines in the Black Sea region. A. Popovskii. Vokrug sveta. no. 6:40-43 Je '56.

BLACK SEA REGION—HISTORY

History and archaeology of the northern Black Sea region; conference at the Institute of History of Material Culture. N. IA. Merpert. Vest. AN SSSR 26 no. 8:122-124 Ag '56.

BLACK SEA REGION—WATER, UNDERGROUND

K. I. Makov'a erroneous assertions on problems in the hydrogeology of Black Sea lowland. A. IE. Babynets'. Visnyk AN URSR 24 no. 10:63-65 O '52.

BLADDER—EXPLORATION

Use of cystomanometry in urology. M. G. Kupershliak. Voen.-med. zhur. no. 9:71 S '55.

BLADDER—INNERVATION

Effect of interoceptive stimulation from the bladder on the course of experimental syphilis. A. IA. Prokopchuk, A. D. Popovich. Vest. ven. i derm. no. 3:55-56 Je '56.

Interoceptive influences from the large intestines and bladder on the function of the diaphragm. V. A. IErenkov. Fiziol. zhur. [Ukr.] 1 no. 2:92-98 Mr-Ap '55.

BLADES

Machining blades with a variable profile for the GT-12-3 gas turbine installation. S. L. Kal'nitskii. Energomashinostroenie no. 5:19-21 My '56.

BLAGOEV, DIMITŬR, 1855?-1924

Great son of the Bulgarian people. V. Kondrat'eva. Ogonek 34 no. 25:5 Je '56.

In memory of a great son of the Bulgarian people. Slaviane no. 7:61 Jl '56.

In the Petersburg years... K. Komarov. Slaviane no. 7:37-44 Jl '56.

BLAGOVESHCHENSK—THEATER

"Pygmalion." Teatr 17 no. 6:142 Je '56.

BLAST FURNACES

(see also subdivision under Chelyabinsk; Dneprodzerzhinsk; Dzerzhinsk; Kuznetsk; Magnitogorsk; Zhdanov)

Apparatus for the control of exhausted upper slag. A. I. Zektser, N. N. Chernov. Metallurg no. 1:21 Ja '56.

Improved smelting of Bessemer pig iron. V. D. Kichko. Metallurg no. 3:25-28 Mr '56.

Performance of a blast furnace with a modified system of shaft and body cooling. G. G. Oroshkin. Metallurg no. 3:1-7 Mr '56.

Practice of using various systems and methods of burdening. I. I. Morev. Metallurg no. 7:8-10 Jl '56.

Regularity in the reactions of the burden in blast furnaces. M. F. Kochin. Stal' 16 no. 7:579-582 Jl '56.

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. [Instructions for calculating and designing foundations of blast furnaces] Instruktsiia po raschetu i proektirovaniiu fundamentov domennykh pechei. (I 201-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 60 p.

State Institute for the Planning of Metallurgical Plants. A. E. Sukhorukov. Metallurg. no. 4:7-8 Ap '56.

Temperature distribution on the walls of a blast furnace slag-car ladle. K. A. Pak, A. V. Chalenko. Stal' 16 no. 7:652-653 Jl '56.

Ways of saving coke in blast-furnace smelting. M. IA. Ostroukhov. Metallurg no. 2:5-6 F '56.

BLAST FURNACES—REPAIRING see subdivision under Ural Mountain region

BLASTING

Formation of mine galleries by compacting the earth by blasts. G. K. Akutin. Gor. zhur. no. 7:57-61 Jl '56.

Opening the tap hole of an open-hearth furnace with the aid of a shaped charge. N. S. Shchirenko, L. V. Ostapenko, G. N. Rekhlis. Metallurg no. 7:31-34 Jl '56.

BLASTING, SUBMARINE

Efficient methods for underwater blasting work. E. G. Godes. Stroi. prom. 34 no. 7:8-11 Jl '56.

BLAZHKO, SERGEI NIKOLAEVICH, 1870-1956

S. N. Blazhko. V. V. Podobed. Astron. tsirk. no. 168:1-2 '56.

BLEACHING AGENTS

(see also subdivision under Saratov Province)

Intensification of photographic properties of gelatin by treating its solutions with bleaching clays. P. N. Zaleznlak, N. V. Kirsanov. Zhur. prikl. khim. 29 no. 6:950-952 Je '56.

BLIND

Brief news. Sots. obesp. 17 no. 3:63 Mr '56.

BLIND—EDUCATION AND INSTITUTIONS

Bright goal. A. Il'in. Sots. obesp. 17 no. 3:46-49 Mr '56.

BLIZNIAK, EVGENII VARFOLOMEEVICH, 1861-

Birthday of Professor E. V. Blizniak noted. F. IA. Neaterak. Gidr. stroi. 25 no. 6:62 Jl '56.

Evgenii Varfolomeevich Blizniak; on his 75th birthday. G. D. Rezhdestvenskii. Izv. AN SSSR. Otd. tekh. nauk no. 8:142-143 Ag '56.

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921

A. A. Blok; 1880-1921. B. Ch. Fizk. i sport 26 no. 8: 27 '56.

Orlov, V. N. [Aleksandr Blok; a sketch of his work] Aleksandr Blok; ocherk tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 200 p.

An unknown letter by Al. Blok on motion pictures. V. Lakshin. Isk. kino no. 5:46-47 My '56.

BLOOD

Change in the composition of sulfur-containing amino acids added to preserved blood and the effect of their addition on the duration of the preservation of blood. M. B. Sventsitskaia. Vop. med. khim. 2 no. 1:54-58 Ja-F '56.

Comparision of the biological action of roentgen irradiation and that of irradiation with radioactive cobalt. S. N. Aleksandrov, K. F. Galkovskaia, IU. G. Zil'berg. Med. rad. 1 no. 2:80-87 Mr-Ap '56.

Compound GK (hydrolyzed blood) as a frothing agent for cellular concretes. L. M. Rozenfel'd. Rats. i izobr. predl. v strot. no. 137:22-23 '56.

Effect of external and internal irradiation on the peripheral blood and bone marrow of rabbits. I. M. Shur'ian. Fiziol. zhur. [Ukr.] 1 no. 3:109-117 My-Je '55.

Effect of synestrol on the blood and blood-producing organs. K. P. Zak. Fiziol. zhur. [Ukr.] 1 no. 3:91-94 My-Je '55.

Hematopoiesis and ionizing radiation. V. K. Polenko. Voen.-med. zhur. no. 6:91-93 Je '56.

New trends in the field of hematology and blood transfusion. I. I. Zaretskii. Voen.-med. zhur. no. 6:8-16 '56.

Stimulators of hematopoiesis. V. A. Beier. Voen.-med. zhur. no. 9:45-50 S '51.

The thiochrome method for determining vitamin $B_1$ and cocarboxylase in biological substances. Report no. 2: Determining cocarboxylase in urine, blood, and tissues. H. D. IElisieieva. Ukr. biokhim. zhur. 23 no. 4:376-381 '51.

BLOOD—AGGLUTINATION

Activity of aldolase and the heterohemagglutination reaction in Botkin's disease. E. L. Nazaretian, V. A. Anan'ev, E. N. Puzenkova. Sov. med. 20 no. 5:66-71 My '56.

BLOOD—ANALYSIS AND CHEMISTRY

Amount of trace elements in human blood and organs. V. A. Leonov. Vestsi AN BSSR Ser. biial. nav. no. 1: 151-154 '56.

Data on the electrophoretic study of serum proteins in the arterial and venous blood of cows. V. G. IAkovlev, I. K. Mishchenko. Izv. AN Kir. SSR no. 1:81-90 '55.

Effect of adrenaline on the oxidation of blood in animals. G. E. Viller, A. G. Gainutdinova, O. G. Lorents. Dokl. AN Tadzh. SSR no. 2:57 '52.

Effect of blood transfusion and blood substitutes on the composition of peripheral blood. E. E. Nikitin. Veterinariia 33 no. 8:34-38 Ag '56.

Effect of mental and physical fatigue on the oxidation of blood in man. G. E. Viller, N. A. Tolokova. Dokl. AN Tadzh. SSR no. 2:69-71 '52.

Effect of nicotine on experimental atherosclerosis. K. K. Maslova. Biul. eksp. biol. med. 41 no. 6:20-23 Je '56.

Nematological modifications following a major resection of the small intestine. T. V. Tkeshelashvili. Soob. AN Gruz. SSR 17 no. 4:343-350 '56.

Pyruvic acid and adrenaline content of blood in pain. A. L. Bernshtein. Vop. med. khim. 2 no. 1:25-28 Ja-F '56.

Studying the indicators of the oxidation of blood in vertebrates. IU. A. Divoeva. Dokl. AN Tadzh. SSR no. 2:59-61 '52.

BLOOD—CIRCULATION

Changes in the rate of blood flow under the influence of neurotropic substances. F. E. Gullaeva. Terap. arkh. 28 no. 4:41-44 '56.

The effect of B-mercaptoethylamine (beaptan) on blood circulation and some functions of the central nervous system. I. I. Baryshnikov, V. I. Generalov, E. A. Mukhin. Farm. i toks. 19 no. 3:53-59 My-Je '56.

BLOOD—CIRCULATION, DISORDERS OF

Labile phosphorus compounds of muscles during the application and removal of a tourniquet. S. M. Manzon. Vop. med. khim. 2 no. 2:133-139 Mr-Ap '56.

BLOOD—COLLECTION AND PRESERVATION

Set for making simultaneous blood collections. E. E. Gillor, S. I. Liluashvili. Voen.-med. zhur. no. 4:77 Ap '56.

BLOOD—DISEASES

Observations of eosinophilia in some forms of dermatosis. I. IA. Markin. Vest. ven. i derm. no. 3:54 My-Je '56.

Roentgenologic investigation of the jaws in diseases of the hemopoietic system. E. E. Platonov. Vest. rent. i rad. 31 no. 3:61-63 My-Je '56.

Some new possibilities in the treatment of severe forms of blood diseases in children. A. F. Tur. Sov. med. 20 no. 5:24-29 My '56.

BLOOD—EXAMINATION

White blood picture and erythrocyte precipitation reaction in children ill with toxic diphtheria. T. P. Laguno-va. Vop. okh. mat. i det. 1 no. 4:80 Jl-Ag '56.

BLOOD—SEDIMENTATION

Modified apparatus for the erythrocyte sedimentation reaction. S. S. Dankov. Voen.-med. zhur. no. 9:70-72 S '51.

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION

Case of transfusion of Rh-incompatible blood. V. A. Sirukov. Sov. med. 20 no. 5:82-84 My '56.

Change in the reaction of the organism to blood transfusion following preliminary injection of novocaine. N. S. IAnkova'ka. Fiziol. zhur. [Ukr.] 1 no. 2:86-91 Mr-Ap '55.

Organization and activities of a blood transfusion center in a garrison hospital. M. G. Shul'man. Voen.-med. zhur. no. 9:65-66 S '51.

Some indexes of the effectiveness of the transfusion of whole plasma and glucose in caring for premature infants. G. K. Gafarova. Vop. okh. mat. i det. 1 no. 3: 15-19 My-Je '56.

Transfusion of erythrocytes in isosensibilized newborn infants. R. S. Mirsagatova, B. I. Malorova. Vop. okh. mat. i det. 1 no. 3:13-15 My-Je '56.

BLOOD, GASES IN

I. M. Sechenov's research on the respiratory function of blood; 50th anniversary of the death of Ivan Mikhailovich Sechenov. G. E. Vladimirov. Vop. med. khim. 2 no. 1:3-11 Ja-F '56.

BLOOD AS FOOD OR MEDICINE

Using biogenetic stimulants. IE. M. Drach, A. V. Zinchenko, IE. M. Kutsel'. Sots. tvar. 26 no. 6:52-55 Je '56.

BLOOD CELLS

Fluorescence microscopic investigation of early changes in the bone marrow and blood of irradiated animals. M. N. Meisel', V. A. Sondak. Biofizika 1 no. 3:262-273 '56.

BLOOD PLASMA

Distribution of glutamine between erythrocytes and blood plasma under normal conditions and in hypoxemia. A. I. Sylakova, K. H. Kharkevych. Ukr. biokhim. zhur. 23 no. 4:398-406 '51.

Some indexes of the effectiveness of the transfusion of whole plasma and glucose in caring for premature infants. G. K. Gafarova. Vop. okh. mat. i det. 1 no. 3: 15-19 My-Je '56.

Vitaminization of natural and dry blood plasma. F. T. Sukhenko, N. N. Prias. Vop. med. khim. 2 no. 1:32-39 Ja-F '56.

BLOOD PRESSURE

Central neural regulation of vascular tonus; survey of literature. M. A. Kondratovych. Fiziol. zhur. [Ukr.] 1 no. 1:126-133 Ja-F '55.

Effect of Lagochilus on blood pressure. I. E. Akopov, M. M. Mansurov. Voen.-med. zhur. no. 9:43 S '55.

Investigating blood pressure and respiration in experimental epilepsy. V. V. Shatiapin, IE. A. Stanko. Fiziol. zhur. [Ukr.] 1 no. 3:43-50 My-Je '55.

Observations of changes in arterial pressure and leucocytosis in tank troops. Z. L. Shtelfer, A. S. Rudshtein. Voen.-med. zhur. no. 9:28-31 S '55.

Reflex effect from oral and abdominal cavities on the blood pressure level in dogs. K. V. Myronchyk. Fiziol. zhur. [Ukr.] 1 no. 1:57-62 Ja-F '55.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PROTEINS

Determining the protein fractions of blood serum and the distribution of cholesterol in them. L. S. Tarasova, N. V. Troits'kyi. Ukr. biokhim. zhur. 28 no. 2:177-182 '56.

Effect of cortical stimulants and narcotics on the protein fractions of blood serum. A. M. Makhina. Uch. zap. Len. un. no. 176:218-234 '54.

Effect of the inhibition and excitation of the central nervous system on the protein fractions of blood serum. Z. TS. Valnberg. Ukr. biokhim. zhur. 28 no. 2:158-163 '56.

Electrophoretic examination of blood proteins and edematous fluid in experimental pulmonary edema in dogs. I. I. Islamov. Dokl. AN Tadz. SSR no. 12:65-69 '54.

Role of renewal of proteins in blood serum; electrophoretic studies. I. A. Olvin, E. P. Smolichev. Dokl. AN Tadz. SSR no. 12:71-76 '54.

Serological reactivity of cold-blooded vertebrates; rate of disappearance of parenterally introduced heterogenous protein from the blood of frogs (Rana ridibunda) at various body temperatures. G. IA. Svet-Moldavskii. Biul. eksp. biol. med. 41 no. 6:61-64 Je '56.

BLOOD SUGAR

Effect of magnesium anesthesia on the glycolysis of blood and the sugar content of blood and skin. M. D. Kiverin, Z. N. Mokeeva, A. I. TSaregorodtsev. Vop. med. khim. 2 no. 2:103-108 Mr-Ap '56.

Effect of nicotinic acid on the glycemic curve of healthy and of some sick persons. I. S. Roizman, IE. H. Burshtein. Ukr. biokhim. zhur. 22 no. 2:197-204 '50.

BLOOD VESSELS

Blood pressure and vascular tonus changes following bites of the blackwolf spider (Latrodectus tredecimguttatus). Z. S. Barkagan. Terap. arkh. 28 no. 4:45-51 '56.

Mogil'nitskii, B. N., ed. [Studies on vascular permeability] Ocherki po sosudistoi pronitsaemosti. Moskva, Gos. izd-vo med. lit-ry, 1956. 370 p. (DAFM)

Vascular reactions in disorders of coronary blood circulation. R. M. Zaslavskaia. Terap. arkh. 28 no. 4:28-36 '56.

Vascular reactions in newborn infants as an indicator of their state of reactivity. E. I. Arshavskaia. Vop. okh. mat. i det. 1 no. 3:23-30 My-Je '56.

BLOOD VESSELS—DISEASES

Physical culture therapy in diseases of the peripheral vessels of the type of thromboangiitis obliterans. D. N. Vilenskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1: 51-54 Ja-Mr '56.

Visceral affections in systemic vasculitis and rheumatoid arthritis. E. M. Tareev. Sov. med. 20 no. 5:10-19 My '56.

BLOOD VOLUME

Amount of circulating blood in cardiovascular and pulmonary diseases. P. M. Levina. Terap. arkh. 28 no. 4: 44-45 '56.

BLOODLETTING

Bloodletting by venesection and leeches in hypertension. V. A. Galkin. Terap. arkh. 28 no. 4:16-23 '56.

"Therapeutic use of leeches." G. G. Shchegolev, M. S. Fedorov. Reviewed by N. A. Kurshakov. Sov. med. 20 no. 6:95-96 Je '56.

BLOWTORCHES

Steel burner for the blowtorch. I. P. Gorol'skii. Sakh. prom. 30 no. 5:47-48 My '56.

BOARDING SCHOOLS

(see also subdivision under Moscow; Zarkent)

Basic questions in the organization and subject matter of educational work in boarding schools. I. A. Kairov. Sov. pedag. 20 no. 7:3-16 Jl '56.

Boarding schools. Arkhit. i stroi. Mosk. 5 no. 8:6-14 Ag '56.

Features of educational work in boarding schools. G. Arnautov. Nar. obr. no. 6:36-42 Ag '56.

Fulfilling the decisions of the 20th Congress. Nach. shkola 24 no. 7:1-4 Jl '56.

Girls are educated here. I. Novikov. Nar. obr. no. 6:50-51 Je '56.

In the boarding school. V. Goloskov. Sem'ia i shkola 11 no. 7:16 Jl '56.

BOATS, SUBMARINE see Submarine boats

BOATS AND BOATING

Boat crew training. N. Beliakov. Voen. znan. 31[i.e. 32] no. 5:22 My '56.

BOBORYKIN, ANASTASII LUKICH, 1907-1956

A. I. Boborykin; an obituary. Metallurg. no. 4:28 Ap '56.

BOBORYKIN, PETR DMITRIEVICH, 1836-1921

"Kitai-gorod." P. D. Boborykin. Reviewed by A. Derman. Ogonek 25 no. 52:24 D '47.

BOBROVITSY DISTRICT—BEE CULTURE

Highly profitable branch. N. F. Puzii. Sots. tvar. 26 no. 6:43-46 Je '56.

BOBRUYSK—COMMUNIST EDUCATION

We train the cadres of propaganda workers. P. Gukov. Komm. Bel. 29 no. 8:36-38 Ag '56.

BOBRUYSK DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Study and application of progressive practice are an integral part of party work. V. Nogachev. Komm. Bel. 29 no. 8:17-24 Ag '56.

BOBRUYSK DISTRICT—PEAT MACHINERY

Practice of the Bobruysk Machine-Tractor Station in the mechanized winning of peat. P. G. Lotko. Ud. i ur. 1 no. 6:18-22 Je '56.

BOCHKAREVA, IRINA

Participants in two Spartakiadas. E. Rubin. Ogonek 34 no. 32:13 Ag '56.

BODAYBO DISTRICT—HISTORY

Vondrikh, G. A. [Events along the Lena in 1912] Lenskie sobytiia 1912 g. [Irkutsk] Irkutskoe kn-vo, 1956. 25 p. (Pamiatniki rasskazyvaiut)

BODY TEMPERATURE

"Application of 'artifical hybernation' in eclampsia" (Arch. f. Gynaekologie no. 186:102-195 '55). A. Fewnemam, G. Wolf. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:86 My-Je '56.

Diurnal fluctuations of body temperature in man during the polar day. B. N. Shchupak. Fiziol. zhur. [Ukr.] 1 no. 2:47-54 Mr-Ap '55.

Hypothermia. V. Kovanov. Oktiabr' 33 no. 6:147-149 Je '56.

Serological reactivity of cold-blooded vertebrates; rate of disappearance of parenterally introduced heterogenous protein from the blood of frogs (Rana ridibunda) at various body temperatures. G. IA. Svet-Moldavskii. Biul. eksp. biol. med. 41 no. 6:61-64 Je '56.

BOGOLEPOV, ALEKSANDR ALEKSANDROVICH, 1874-1941

In memory of Professor A. A. Bogolepov, A. N. Aravitskii. Vest. ven. i derm. Vest. ven. i derm. no. 3:63 My-Je '50.

BOGOMILES

"Bulgarians, Greeks, and Latins in Plovdiv during the period 1204-1205. The role of the Bogomiles" [in Bulgarian]. B. Primov. Reviewed by T. M. Sokolova. Viz. vrem. 8:385-387 '56.

BOGOMOLETS, ALEKSANDR ALEKSANDROVICH, 1881-1946

General meeting of the Academy of Sciences of the Ukrainian S. S. R. Visnyk AN URSR 27 no. 6:52-53 Je '56.

BOGUSHEVSK DISTRICT—AGRICULTURE

In the struggle for increasing agricultural production. A. Zhikharev. Komm. Bel. 26 no. 7:46-51 Jl '56.

BOILERS

(see also subdivision under Tagarog)

Assembling boilers and boiler room equipment. D. IA. Vinnitskii. Vest. mash. 36 no. 7:3-10 Jl '56.

Automation of boiler sections of industrial establishments. IU. A. Shlozberg, A. A. Khrol'. Energetik 4 no. 7:1-4 Jl '56.

Burning Ukhta boiler fuel in boilers. V. V. Vodzinskii. Elek. sta. 27 no. 6:51-53 Je '56.

Calculation of optimum steam pressure in waste-heat boilers. A. I. Andrinshchenko. Prom. energ. 11 no. 5: 16-17 My '56.

Cast iron boilers with high temperature heat-carrying agents. V. F. Ladygin. Vod. i san. tekh. no. 5:1-4 My '56.

Checking the wear in boiler tubes. M. A. Loginov. Energetik 4 no. 7:34 Jl '56.

Investigation of progressive methods of stokers in electric power plants. P. I. Levichev. Trudy LIEI no. 7: 163-170 '54.

KPV-7 steam boiler. Prom. energ. 11 no. 6:40 Je '56.

New types of TKZ boilers. M. V. Meikhliar. Energetik 4 no. 7:30-33 Jl '56.

Nomogram for computing the value of heat lost in flue gases from boiler installations. G. A. Karlson. Trudy LIEI no. 7:122-128 '54.

On the discussion of air leaks in convection shafts of boiler installations. Elek. sta. 27 no. 6:62 Je '56.

Operating characteristics of boilers produced by the All-Union Scientific Research Institute for Sanitary Engineering Equipment-M (ch) in individual heating systems for buildings of few stories. B. I. Fomichev. Vod. i san. tekh. no. 5:4-8 My '56.

Operation of a small-size economizer. I. B. Varavitskii and others. Elek. sta. 27 no. 6:5-9 Je '56.

Practice in using multinozzle injector burners for gas burning in steam boilers. K. A. Privalova. Trudy Inst. isp. gaza AN URSR 3:102-104 '55.

Reconstruction of a steam generator. P. Mikhailik, L. Nian'kovskii. Moloch. prom. 17 no. 5:34-35 '56.

Some problems in the organization of power engineering. L. Voloshin. Moloch. prom. 17 no. 5:20-21 '56.

Standstill of water in steam boilers. S. I. Mochan, D. F. Peterson, B. D. Gusev. Energomashinostroenie no. 5: 1-6 My '56.

Utilizing secondary power resources. B. V. Eliseev. Prom. energ. 11 no. 6:26-29 Je '56.

BOILERS—ACCESSORIES

Determination of tangential velocities and level profile of water in detachable cyclones. O. M. Baldina. Energomashinostroenie no. 5:7-11 My '56.

Heat treatment of boiler fitting parts made of 36KhMIUA steel. A. S. Zhuravlev. Energomashinostroenie no. 6:23 Je '56.

Valveless water-level indicator for low-pressure steam boilers. F. P. IAnutsevich. Prom. energ. 11 no. 5:17-18 My '56.

BOILERS—BIBLIOGRAPHY see Bibliography—Boilers

BOILERS—INCRUSTATIONS
Removal of scale deposits in Shukhov and Shukhov-Berlin boilers. A. E. Ivanov. Energetik 4 no. 7:15-17 Jl '56.

BOILERS—SAFETY APPLIANCES
Throw-out protective apparatus for fire-tube boilers. B. V. Il'inskii. Prom. energ. 11 no. 6:24-25 Je '56.

BOILERS—WELDING
Modernization of mass-produced butt welding machines used in the boiler construction industry. V. M. Korsunov. Svar. proizv. no. 7:22-26 Jl '56.

BOILERS, MARINE
"Countercurrent," a mechanical stoker for marine boilers. P. P. Kulikovskii. Rech. transp. 15 no. 6:26-28 Je '56.

BOILERS, WATERTUBE
Assembling DKV boilers using large blocks. A. P. Lukovatyi. Stroi. pred. neft. prom. 1 no. 4:24 Je '56.

BOILING POINTS
Isotherms of boiling for solutions of ternary systems in the quaternary system: $Na_2SO_4$ - $Na_2CO_3$ - NaCl - $H_2O$. S. Z. Makarov, S. N. Krasnikov. Izv. Sekt. fiz.-khim. anal. 27:367-379 '56.

BOKTE, DONAT, 1850-
Year of birth 1850. A. Vitol. Ogonek 34 no. 28:32 Jl '56.

BOL'SHOY DZHEZKAZGAN—PLANTS, EFFECT OF SALTS ON
Salt tolerance of vegetable crops in Bol'shoy Dzhezkazgan and methods for increasing it. IA. F. Dubovik. Izv. AN Kazakh. SSR. Ser. osv. pust. no. 2:91-101 '51.

BOLSTAD, ØIVIND, 1905-
A book that's gratifying to read ("The mocker from Toska Island" [in Norwegian]. Øivind Bolstad. Reviewed by IU. IAkhnina). Inostr. lit. no. 7:256-257 Jl '56.

BOLZ, LOTHAR, 1903-
People and events. Nov. vrem. 14 no. 30:30-31 Jl '56.

BOMBARD, ALAIN
Alone on the ocean. Gleb Golubev. Ogonek 34 no. 30:30-31 Jl '56.

BONCH-BRUEVICH, MIKHAIL DMITRIEVICH, 1870-
All power to the Soviets M. D. Bonch-Bruevich. As told to Il'in Kremlev. Zvezda no. 9:91-113 S '56.

BONCH-BRUEVICH, VLADIMIR DMITRIEVICH, 1873-1955
V. D. Bonch-Bruevich. M. Mel'nikau. Belarus' 13 no. 7:18 Jl '56.

BONDARCHUK, VLADIMIR GAVRILOVICH, 1905-
Vladimir Gavrilovich Bondarchuk. S. P. Rodionov. Min. shor. no. 9:339-343 '55.

BONDS
We won! Sov. Soiuz no. 5:6-9 My '56.

BONDS, CHEMICAL see Chemical bonds

BONE
Histogenesis of ectopic bone tissue formed under the influence of transitional epithelium. A. IA. Fridenshtein. Dokl. AN SSSR 108 no. 2:359-361 My '56.

BONE MARROW see Marrow

BONES
Fluoride content in the food intake and endemic fluorosis of the skeleton. R. D. Gabovich. Vop. pit. 15 no. 4:31-37 Jl-Ag '56.
Using crushed bones in poultry feed. P. I. Dement'ev. Ptitsevodstvo 6 no. 8:28 Ag '56.

BONES—DISEASES
Osseous changes in chronic forms of leukosis in adults. E. Z. Novkova. Vest. rent. i rad. 31 no. 3:70-76 My-Je '56.
Trophic changes in bone tissue in diseases of the spinal cord. A. A. Bazhenova. Vest. ren. i rad. 31 no. 3:34-39 My-Je '56.

BONES—RADIOGRAPHY
Radiography of the bones and joints with the patient in a vertical position. S. I. Vaisburg. Voen.-med. zhur. no. 9:72 S '55.
Studying growth and development of the bones of the horse with the aid of roentgenography. V. Klimkov, A. IAkovlev. Konevodstvo 26 no. 9:15-20 S '56.

BONES—TUBERCULOSIS
Some certain data on a favorable course of tuberculous osteitis. V. P. Gratsianskii, I. A. Vintskikh. Vest. rent. i rad. 31 no. 3:50-60 My-Je '56.

BONFANTI, SILVIA-MAGGI
Italy's hope ("Speranza." Silvia-Muggi Bonfanti. Reviewed by Z. Potapova). Oktiabr' 33 no. 7:189-191 Jl '56.
A novel about Italian women ("Speranza." Silvia-Maggi Bonfanti. Translated from the Italian. Reviewed by Tetiana IAkymovych). Rad. zhin. 11 no. 7:26 Jl '56.

BONUS SYSTEM
Bonus system for workers in the shoe industry. N. Sheliastin. Sots. trud. no. 6:80-83 Je '56.
Use of the foreman's fund. B. Bel'gol'skii, A. Staroselskii. Sots. trud no. 7:81-82 Jl '56.

BOOK ILLUSTRATION see Illustration of books

BOOK INDUSTRIES AND TRADE
Soviet books [with summary in English, p. 32]. S. Nazarov. Vnesh. torg. 26 no. 7:19-23 Jl '56.

BOOK INDUSTRIES AND TRADE—COSTS
Pol'tinovich, N.G. [Ways of reducing costs in the publishing industry] Puti snizhenila sebestoimosti izdatel'skoi produktsii. Moskva, Gos. izd-vo "Iskusstvo," 1956. 95 p. (V pomoshch' redaktsionno-izdatel'skim rabotnikam)

BOOK INDUSTRIES AND TRADE—EXHIBITIONS
French book printing art. A. Goncharov. Ogonek 34 no. 24:28 Je '56.

BOOK LOANS see Inter-Library loans

BOOKBINDING
Balandin, M.V. [Stitching and binding of books] Broshirovochno-perepletnoe proizvodstvo. Moskva, Gos. izd-vo "Iskusstvo," 1956. 322 p. (Uchebniki dlia remeslennykh uchilishch)

BOOKS see subdivision under France

BOOKS—HISTORY see subdivision under Armenia

BOOKS—PRICES see subdivision under China

BOOKS—REVIEWS
Authors and books. Ogonek 34 no. 31:24 Jl '56.
Authors and books. Ogonek 34 no. 33:25 Ag '56.
Books written by journalists. Sov. pech. no. 8:36 Ag '56.
The bookshelf. Biarozka 32 no. 6:31 Je '56.
The bookshelf. Biarozka 32 no. 7:31 Jl '56.
The bookshelf. Biarozka 32 no. 8:31 Ag '56.
The bookshelf. Rabotnitsa 34 no. 8:32 Ag '56.
Brief book reviews. Novyi mir 32 no. 6:281-284 Je '56.
Brief news on books. Komm. Bel. 30 no. 8:71-72 Ag '56.
Brief notes on books. Novyi mir 32 no. 7:284-286 Jl '56.
Brief notes on books. Novyi mir. 32 no. 9:283-286 S '56.
[Chronicle of reviews.] Letopis' retsenzii no. 3 '56.
Literary reviews. Z. Petrova. Sov. knizh. torg. no. 7:15-16 Jl '56.
New books. Dal'. Vost. 24 no. 2:181-191 Mr-Ap '56.
New books. Nauka i zhizn' 23 no. 7:02 Jl '56.
Read these books. Pionerila 33 no. 6:31 Je '56.
Survey of books. Svet nad Baik. no. 3:153-164 My-Je '56.

BOOKS AND READING
Beliankin, D. A. [Working with books] O rabote s knigoi. Moskva, Gos. izd-vo polit. lit-ry, 1956. 30 p.
Contest for the best report on a perused book. G. Monastyrenko. Prof.-tekh. obr. 13 no. 6:29 Je '56.

BOOKSELLERS AND BOOKSELLING
(see also subdivision under China; Daghestan; Kiev; Krasnodar Territory; Lvov; Moscow; Saiavat; Smolensk; Vinnitse Province; Vitebsk; Voroshilovgrad; Voroshilovgrad Province; Ukraine)
Book months and book fairs. Sov. knizh. torg. no. 7:26-28 Jl '56.
The book peddler in the railway district. A. Kazanskaia. Sov. knizh. torg. no. 7:24 Jl '56.
Concerning Comrade Podorozhko's letter. M. Kusakina. Sov. knizh. torg. no. 7:3 of cover Jl '56.
Elinate excessive stock. I. Kamenkovich. Sov. knizh. torg. no. 7:7-8 Jl '56.
In the Ministry of Culture of the U.S.S.R. Sov. knizh. torg. no. 7:3 of cover Jl '56.
Put an end to bad management. M. Bogdanov. Raspr. pech. no. 8:24 Ag '56.
Strengthen contract discipline. T. Gordon. Den. i kred. 14 no. 7:37-38 Jl '56.

BOOKSELLERS AND BOOKSELLING—COLPORTAGE, SUBSCRIPTION TRADE, ETC. see subdivision under Transcaucasia; Voronezh

BOOKSELLERS' CATALOG see Catalogs, Booksellers'

BOOSTERS, ELECTRIC
Booster system for the electric drive of deck machinery. A. Frik. Mor. flot 16 no. 6:20-22 Je '56.

BOOTS AND SHOES—REPAIRING
Assembly-line method for repairing footwear. I. Kuznetsov. Prom. koop. no. 6:6 My '56.

BORDER GUARD
Safeguarding peaceful labor. Sov. mor. 16 no. 3:13 F '56.

BORERS (INSECTS) see subdivision under Kiev Province

BORIC ACID
Continuous saponification of boric ethers of higher fatty alcohols with simultaneous extraction and regeneration of boric acid. N. I. Gel'perin, K. N. Solopenkov. Khim. nauka i prom. 1 no. 3:324-331 '56.
Esterification in presence of boric acid and the synthesis of its esters. V. K. Kuskov, V. A. Zhukova. Izv. AN SSSR. Otd. khim. nauk no. 6:733-736 Je '56.

BORING
(see also subdivision under Kuznetsk Basin)
Exploratory drilling equipment. F. A. Shamshiev. Razved. i okhr. nedr 22 no. 5:21-23 My '56.
Gear pump for water flushing of wells during underground boring. I. I. Vorob'ev. Razved. i okhr. nedr 22 no. 5:49-52 My '56.
Mapping zones having varied fractured rock on the basis of borehole cores. B. I. Oreldhov. Razved. i okhr. nedr 22 no. 5:39-42 My '56.
Nomogram for calculating coefficients of filtration and flow in boreholes according to experimental pumping data. V. I. Renzhin. Rats. i izobr. predl. v strol. no. 129:19-21 '56.
Rotary boring in building driven wells. M. B. Zahavin. Sel'khoz. Povol. no. 6:63-65 Je '56.
Some problems in the engineering geological sampling of rocks. N. V. Kolomenskii. Razved. i okhr. nedr 22 no. 5:43-48 My '56.
Study of thermal piercing in mines. A. P. Vasil'ev and others. Gor. zhur. no. 7:52-56 Jl '56.
Using vibration drills in boring artesian wells. O. A. Savinov, E. G. Godes. Strol. prom. 34 no. 6:13-16 Je '56.

BORING—MEASUREMENT
Measuring the deflection of wells by the "Mir" apparatus. V. P. Radchenko. Razved. i okhr. nedr 22 no. 5:23-26 My '56.

BORING MACHINERY
(see also subdivision under Sweden)
Drill unit for rocky terrain. Stroi. prod. neft. prom. 1 no. 4:27 Je '56.
Eccentric percussion soil sampler. I. A. Turilin. Pochvovedenie no. 4:80-89 Ap '56.
Hydraulic crane-type boring machine. E. P. Artemenko. Mekh. trud. rab. 10 no. 7:21-23 Jl '56.
The PRS-1 high-frequency perforator. L. N. Solov'ianov. Gor. zhur. no. 7:50-52 Jl '56.
Vibrator method of drilling exploratory boreholes. M. G. Efremov. Trudy NII osn. i fund. no. 26:4-31 '56.

BORINGS
Improvement of soil borings. I. L. Kazanskii. Meteor. i gidrol. no. 6:47-48 Je '56.

BORISLAV—DESCRIPTION
Borislav and its residents. P. Ingul'skii, I. Starikov. Slavianc no. 8:39-43 Ag '56.

BORISLAV—PETROLEUM
Mighty oil. Ivan Starykov. Ukraina no. 14:4-5 Jl '56.

BORISLAV—PETROLEUM GEOLOGY
Prospectors of oil. Rad. zhin. 11 no. 7:16 Jl '56.

BORISOV, A. F.
Borisov in the play "Abyss." Vl. Filippov. Ogonek 34 no. 26:16 Je '56.

BORISOV—PIONEERS (COMMUNIST YOUTH)
In a forest glade. K. Krylova. Rab. i sial. 32 no. 6:6 Ag '56.

BORON—ISOTOPES
Mass spectroscopic analysis of boron fluoride isotopes (with English summary in insert). G. M. Panchenkov, V. D. Moiseev. Zhur. fiz. khim. 30 no. 5:1118-1126 My '56.

BORON FLUORIDE
Mass spectroscopic analysis of boron fluoride isotopes (with English summary in insert). G. M. Panchenkov, V. D. Moiseev. Zhur. fiz. khim. 30 no. 5:1118-1126 My '56.

BORON STEEL
Cast carbon steel with boron additives. IA. E. Gol'dshtein, L. L. Piatakova, O. D. Zhizhakina. Vest. mash. 36 no. 7:23-27 Jl '56.

BORONIUM SALTS
Boron organic compounds. Part 10. Complex nature of salts of boron-organic acids. B. M. Mikhailov and others. Izv. AN SSSR. Otd. khim. nauk no. 6:892-896 Je '56.

BORZHOMI—MINERAL WATERS
Radioactivity of the Borzhomi and Surami mineral waters [in Georgian with summary in Russian]. V. V. Kobuladze, L. I. Torozova. Trudy Inst. geofiz. AN Gruz. SSR 13:131-135 '54.

BORZOI see Russian wolfhounds

BOSTANDYSKIY DISTRICT—CAVE DRAWINGS

New cliff pictures in Bostandykskiy District. Kh. Alpysbaev. Trudy inst. ist., arkheol. i etn. AN Kazakh. SSR 1:182-188 '56.

BOTANICAL GARDENS see subdivision under Kiev

BOTANICAL RESEARCH

Phytotron. Jean Verdier. V zashch. mira no. 60:53-56 My '56.

The V. L. Komarov Botanical Institute of the Academy of Sciences of the U. S. S. R. in March 1956. M. M. Lodkina. Bot. zhur. 41 no. 4:617-618 Ap '56.

BOTANICAL SOCIETIES
(see also subdivision under Ukraine)

Fortieth anniversary of the congress of representatives of Russian botanical institutions and the organization of the All-Union Botanical Society. V. B. Sochava. Bot. zhur. 41 no. 4:465-475 Ap '56.

BOTANY
(see also subdivision under Albania; Alma-Ata; Azerbaijan; Dnieper Valley; Kamennaya Mohila Preserve; Khomutovskaya Steppe Preserve; Leningrad Province; Mikhaylovskaya TSelina Preserve; Moscow; Streletskaya Steppe Preserve; Ukraine; Zmiyev District)

Takhtadzhian, A. L. [The higher plants] Vysshie rasteniia. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. [From the psilophytes to conifers] Ot psilofitovykh do khvoinykh. 1956. 466 p.

BOTANY—ANATOMY

Concerning the method for studying rudimentary ears [with English summary in insert]. A. F. Evert. Fiziol. rast. 3 no. 3:287-289 My-Je '56.

Some characteristics of the structure of plant vascular system in connection with their environment. L. I. Lipaeva. Izv. AN Kazakh. SSR. Ser. esv. past. no. 2:75-90 '51.

BOTANY—ECOLOGY

Some present-day problems in the study of plant life. V. N. Sukachev. Bot. zhur. 41 no. 4:476-480 Ap '56.

Variation in the main economically-valuable characters of the Lutescens 62 spring wheat. V. M. Martynov. Sel. i sem. 21 no. 3:21-26 '56.

BOTANY—GEOGRAPHICAL DISTRIBUTION see Phytogeography

BOTANY—MORPHOLOGY

Effect of conditions during the photophase on changes in the morphological characters of some plants. F. F. Leisle. Trudy Bot. inst. Ser. 4 no. 11:241-269 '56.

Variability of some plants caused by disturbances in the course of the photophase. A. F. Bel'denkova. Trudy Bot. inst. Ser. 4 no. 11:270-287 '56.

BOTANY—PATHOLOGY see Plant diseases

BOTANY—PERIODICALS see subdivision under Czechoslovakia

BOTANY—PHYSIOLOGY

Carbohydrate dynamics and protein accumulation as affected by the nutrition system of plants in grass-beet crop rotation. Z. M. Klymovyts'ka. Dop. AN URSR no. 3:90-97 '40.

Coefficients of polarity and graduation of the coefficient of formation and distribution of substances in plants [with English summary in insert]. G. Kh. Molotkovskii. Fiziol. rast. 3 no. 3:243-251 My-Je '56.

Coordinating conference of physiologists on the problem: "Nutrition, growth, and development of plants in connection with their habitat." Z. M. Zhvedskaia. Fiziol. rast. 3 no. 4:390-391 Jl-Ag '56.

Eighty-fifth birthday of L. A. Ivanov. P. A. Genkel'. Fiziol. rast. 3 no. 3:202-206 My-Je '56.

Physiological changes in plants produced by ascorbic acid. A. A. Zemlianukhin. Fiziol. rast. 3 no. 4:313-316 Jl-Ag '56.

Role of carotene in the growth of plants. S. I. Lebedev. Dop. AN URSR no. 2:71-77 '48.

Secretion of volatile organic compounds by plants. G. A. Sanadze. Soob. AN Gruz. SSR 17 no. 5:429-434 '56.

"Vitamins in the life of plants." K. E. Ovcharov. Reviewed by I. K. Dagis. Fiziol. rast. 3 no. 3:290-291 My-Je '56.

BOTANY—STUDY AND TEACHING

"Experiments with cultivated plants in a school nature corner." Kh. S. Baida. Reviewed by A. V. Binas. Est. v shkole no. 4:92-93 Jl-Ag '56.

Familiarizing students with agriculture in the process of teaching botany. M. R. Maidanov. Est. v shkole no. 4:41-44 Jl-Ag '56.

BOTANY—VARIATION

Climatic conditions and nature of wintering forms developed from spring plants. O. T. Lysenko. Agrobiologiia no. 3:71-77 My-Je '56.

Clonal variation in fruit trees. IA. S. Nesterov. Agrobiologiia no. 3:112-113 My-Je '56.

Experiment in transforming spring wheat into winter wheat. A. F. Kozlova. Agrobiologiia no. 3:65-68 My-Je '56.

Nature of individual spring-type plants having undergone wintering for the first time. D. S. Omarov. Agrobiologiia no. 3:35-49 My-Je '56.

Transformation of nonwintering spring barley into a wintering plant. A. T. Trukhinova. Agrobiologiia no. 3:58-64 My-Je '56.

Transformation of nonwintering spring wheat into winter-hardy winter wheat as a method for creating breeding material. B. D. Fainbron. Agrobiologiia no. 3:50-57 My-Je '56.

Transformation of spring wheat into winter wheat. D. I. Maliuta. Agrobiologiia no. 3:69-70 My-Je '56.

Vegetative variation in cherries. V. IA. Maslov. Sad. vin. Mold. 11 no. 3:23-25 My-Je '56.

BOTANY, ECONOMIC

[Technical and oilseed crops.] Tekhnicheskie i maslichnye kul'tury no. 9 S '56.

[Technical and oilseed crops.] Tekhnicheskie i maslichnye kul'tury no. 10 O '56.

BOTANY, MEDICAL

Effect of Lagochilus on blood pressure. I. E. Akopov, M. M. Mansurov. Voen.-med. zhur. no. 9:43 S '55.

The first medicinal preparation from lichens. V. P. Savich. Vest. AN SSSR 26 no. 7:45-47 Jl '56.

Lagochilus as a styptic in dacryorhinocystotomy. M. IA. Samulevich. Voen.-med. zhur. no. 9:44 S '55.

Medicinal plants. P. Lopatin. Sem'ia i shkola 11 no. 6:34-35 Je '56.

On V. P. Kalashnikov's article "Study of medicinal plants." N. P. Govorov. Farm. i toks. 19 no. 3:62-63 My-Je '56.

BOTEV, KHRISTO, 1848-1876

Great son of the Bulgarian people ("Selected works" [in Armenian]. Khristo Botev. Reviewed by S. Kaputikian). Slaviane no. 8:89-90 Ag '56.

Khristo Botev. I. Maurylau. Belarus' 13 no. 6:31 Je '56.

BOTTLING MACHINERY

Vacuum-bottling machine. Vin. SSSR 16 no. 4:56-57 '56.

BOUNDARY LAYER

General solution of the problem for thermal boundary layers in diffusers. V. P. Shestopalov. Izv. AN SSSR. Otd. tekh. nauk no. 8:3-9 Ag '56.

Investigating the heat conductivity of boundary layers. M. G. Ramazanzade. Trudy Azerb. ind. inst. no. 7:57-62 '54.

A three-dimensional boundary layer on an arbitrary surface. V. V. Struminskii. Dokl. AN SSSR 103 no. 4:595-598 Je '56.

BOXING
(see also subdivision under Great Britain)

Gradopolov, K. V. [Boxing] Boks. Izd. 2-oe, ispr. i sop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 323 p.

International boxing match U. S. S. R. - France; analysis of the fights. S. S. Shcherbakov. Teor. i prak. fiz. kul'. 19 no. 7:511-518 Jl '56.

Matches in the ring. Ogonek 34 no. 27:29 Jl '56.

BRACHIOPODA, FOSSIL

Stratigraphic significance of genera of Spiriferidae in Devonian deposits of the U. S. S. R. M. A. Rzhonsnitskaia. Mat. VSEGEI no. 9:207-210 '55.

BRAGIN DISTRICT—COLLECTIVE FARMS

Strictly observe the principles of democratic leadership on collective farms. V. Kozyr'. Komm. Bel. 20 no. 9:26-32 S '56.

BRAIN

Change in the structural viscosity of nucleic acids of the brain and spleen under the effect of ionizing radiation. A. M. Kuzin, E. V. Budilova. Trudy Inst. biol. fiz. no. 1:79-83 '55.

Considerations on Penfield's hypothesis of the interrelations between the cerebral cortex and subcortex in the mechanism of memory. G. A. Vasil'ev. Zhur. nevr. i psikh. 56 no. 7:587-591 '56.

Dynamics of labile phosphorus compounds in the brain during muscular activity of varying duration. N. N. IAkovlev. Vop. med. khim. 2 no. 2:140-149 Mr-Ap '56.

Effect of blood serum of schizophrenics on the respiration of brain tissue. S. P. Zal'inskyi. Fiziol. zhur. [Ukr.] 1 no. 1:46-53 Ja-F '55.

Effect of conditioned reflex excitation of the central nervous system on the adenosinetriphosphoric and adenosinediphosphoric acid content of the brain. E. A. Vladimirova. Vop. med. khim. 2 no. 1:47-52 Ja-F '56.

Effect of parathyroidin on the ascorbic acid content of animal brain. N. G. Kudriavtseva. Ukr. biokhim. zhur. 28 no. 2:242-244 '56.

Lysine content of proteins of the human brain. V. F. Dmitriev. Vop. med. khim. 2 no. 1:40-41 Ja-F '56.

Modification in the adenosinetriphosphoric acid system in cerebral tissue in various functional states of the central nervous system [with English summary in insert]. I. A. Sytinskii. Biokhimiia 21 no. 3:359-367 My-Je '56.

Participation of the nerve tissue proteins of the brain in the processes of excitation and inhibition. R. Vrba. Usp. sovr. biol. 41 no. 3:321-352 My-Je '56.

Pathoanatomical changes in the central nervous system and in the internal organs in white mice following the administration of various doses of baramil. A. M. Prokhorova. Biul. eksp. biol. med. 42 no. 7:75-78 Jl '56.

Radioactive products of the transformation of glycin-1-$C^{14}$ in the brain tissue of the rat. N. V. Sadikova, V. A. Skvortsevich. Vop. med. khim. 2 no. 2:128-132 Mr-Ap '56.

Reamination of the adenylic system in the nervous and muscular systems [with English summary in insert]. P. A. Kometiani, E. E. Klein. Biokhimiia 21 no. 3:389-396 My-Je '56.

Relation between nerve cells and capillaries in the brain in adult animals. E. G. Balashova. Biul. eksp. biol. med. 42 no. 7:71-74 Jl '56.

Significance of the cerebral hemispheres in the compensation of motor functions following bilateral hemisection of the spinal cord. V. D. Dmitriev. Biul. eksp. biol. med. 42 no. 7:3-7 Jl '56.

BRAIN—BLOOD SUPPLY

Cerebrovascular diseases in myocardial infarct. V. V. Utkin. Voen.-med. zhur. no. 5:33-37 My '56.

Clinical analysis of dynamic disorders of cerebral blood circulation. I. S. Kurilenko. Voen.-med. zhur. no. 5:37-41 My '56.

Combined affections of the cerebral and cardiac vessels. M. I. Ostrovskii. Voen.-med. zhur. no. 5:41-44 My '56.

Vascular reflexes in hypertension. N. N. Bragina. Terap. arkh. 28 no. 4:23-28 '56.

BRAIN—HEMORRHAGE

Problem of subarachnoid hemorrhages in syphilis. M. T. Bril' and others. Vest. ven. i derm. no. 3:37-31 My-Je '56.

BRAIN—LOCALIZATION OF FUNCTIONS

Certain problems for discussion on the modern theory of localization of function. F. V. Bassin. Zhur. nevr. i psikh. 56 no. 7:579-587 '56.

BRAIN—PHYSIOLOGY

Biotics of the brain. A. Rusinov, E. Zhirmunskaia. Znan. sila 31 no. 7:33-36 Jl '56.

BRAIN—SURGERY

Results of heterogenic transplantation of a Roue sarcoma in decerebated and normal pigeons. L. K. Podzei, V. D. Vinogradova. Biul. eksp. biol. med. 42 no. 7:54-57 Jl '56.

BRAIN—WOUNDS AND INJURIES

Biological characteristics of brain tissue during the healing of brain wounds. O. K. Mogilevskaia. Vestsi AN BSSR Ser. biial. nav. no. 1:155-158 '56.

Capillary permeability in intracranial birth injuries and asphyxia in the newborn. IA. F. Neplotnik. Pediatriia 39 no. 3:70-74 My-Je '56.

Characteristics of the course of injuries of the central nervous system during the postnatal period and their late results. S. A. Sarne. Vop. okh. mat. i det. 1 no. 3:92-93 My-Je '56.

Therapeutic effects of hypertonic solutions in traumatic edema of the brain. K. N. Badmaev. Biul. eksp. biol. med. 41 no. 6:30-35 Je '56.

Visual functions in patients with late aftereffects from brain and skull injuries. T. I. Samsonova. Oft. zhur. 11 no. 1:11-14 '56.

BRAKES

Dry sliding friction. M. F. Khromeenkov. [Trudy] MVTU no. 50:272-299 '56.

Repairing brake-band anchor pins. G. Gainrikh. MTS 16 no. 5:43 My '56.

BRANDY

Polarographic method for determining furfurole in cognac. IA. E. Ekster. Vin. SSSR 16 no. 4:21-24 '56.

BRASS—WELDING

Gas welding of L62 thin-sheet brass. V. V. Bykov. Svar. proizv. no. 7:26-27 Jl '56.

BRATSK HYDROELECTRIC POWER STATION

The future is born today. Viktor IArosh. Tekh. mol. 24 no. 6:2-6 Je '56.

Visible features of communism. Sov. mor. 16 no. 3:2-3 Ap '56.

BRAZIL—DESCRIPTION AND TRAVEL

Orinoco-Amazon; epilogue. Alain Gheerbrant. V zashch. mira no. 62/63:64-72 Jl-Ag '56.

BRAZIL—MINES AND MINERAL RESOURCES

Economic notes; prospectors for atomic raw materials. Nov. vrem. 14 no. 31:28-29 Jl '56.

BRAZIL—SERPENTS

Terror of poisonous snakes. Vokrug sveta. no. 6:23 Je '56.

BREAD—BACTERIOLOGY

Materials on the capacity of the sporeforming bacteria B. cereus, B. mycoides, B. subtilis, B. sacharalyticus for producing slime in bread. L. IU. Medvyns'ka. Mikrobiol. zhur. 9 no. 4:81-84 '48.

BREAST—CANCER

Prophylaxis of cancer of the breast; a physician's advice. E. Litvinova. Sov. zhen. 12 no. 10:46 O '56.

BREAST—DISEASES

How to protect yourselves against mastitis. Rab. i sial. 32 no. 9:3 of cover S '56.

Lactation mastitis, its pathogenesis, prophylaxis, and therapy. V. E. Rogovin. Vop. okh. mat. i det. 1 no. 3: 77-82 My-Je '56.

BREST—WORLD WAR, 1939-1945

Heroes of Brest. Alena Vasilevich. Rab. i sial. 32 no. 9:12-14 S '56.

Where our heroes fought. S. IAfimau. Belarus' 13 no. 7:32 Jl '56.

BREST, BATTLE OF, 1941—FICTION

The Brest theme and its heroes ("The glorious citadel," K. Gubarevich; "Fortress on the Bug." S. S. Smirnov. Reviewed by V. Chalmaev). Druzh. nar. no. 6:171-177 Je '56.

BREST LITOVSK—VETERANS

Continuation of a feat. Mikh. Zlatogorov. Ogonek 34 no. 32:25-26 Ag '56.

BRICK BUILDING see Building, Brick

BRICK INDUSTRY see subdivision under Korea, North; Minsk Province; Moscow; Novosibirsk Province)

BRICKLAYING

Laying hollow brick walls. Sel'. stroi. 11 no. 5:22 My '56.

The work of innovator Savochkin's crew (Trust no. 25). F. P. Kulevskii. Stroi. pred. neft. prom. 1 no. 1:26-27 Mr '56.

BRICKMAKING

Kilning brick clay having increased moisture. D. A. Shaposhnikov. Stroi. pred. neft. prom. 1 no. 3:23-24 My '56.

Using natural gas for firing bricks. M. M. Zhukov, T. K. Kravchenko. Stroi. pred. neft. prom. 1 no. 5:22-23 Jl '56.

Utilize potentialities of brick factories fully. A. Makarov. Prom. koop. no. 5:3-6 My '56.

BRICKMAKING MACHINERY

5,000 bricks per hour. Nauka i zhizn' 23 no. 7:55 Jl '56.

BRICKS

The history of brick in Russia from the 11th to the 20th century. A. V. Konorov. Trudy Inst. ist. est. i tekh. 7: 178-224 '56.

BRICKS—ANALYSIS

Efflorescence of salt on bricks and plaster of buildings. K. Shatemirov. Izv. AN Kir. SSR no. 1:3-11 '55.

BRICKS—TRANSPORTATION

Gripping device for stacking bricks without trays. M. I. Erpichev. Rech. transp. 15 no. 7:10 Jl '56.

BRIDAL CUSTOMS see subdivision 'Marriage customs and rites' under Abkhazia

BRIDGE CONSTRUCTION

Caissonless foundations for large bridges. N. M. Kolokolov. Transp. stroi. 6 no. 6:4-8 Je '56.

Continuous-operation construction of a large bridge. V. G. Andreev. Transp. stroi. 6 no. 6:13-15 Je '56.

Experience in building bridges using mass production methods. I. IU. Barenboim. Transp. stroi. 6 no. 6:8-12 Je '56.

The first Russian cable bridges. V. V. Bol'shakov. Trudy Inst. ist. est. i tekh. 7:23-43 '56.

BRIDGES
(see also subdivision under Leningrad; Moscow)

Construction of portable structures for log-hauling roads. P. M. Kalshnikov, V. A. Svinoburko. Les. prom. 34 no. 6:14-15 Je '56.

[Highway engineer's manual; bridge building equipment] Spravochnik inzhenera dorozhnika; mostostroitel'noe oborudovanie. Izd. 2-oe, perer. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 387 p.

BRIDGES—CONSTRUCTION see subdivision under Yangtze River

BRIDGES—FOUNDATIONS AND PIERS see subdivision under Yangts'u River, China

BRIDGES, CONCRETE
(see also subdivision under France)

Building precast concrete trestles for an unclassified bridge. M. A. Mifelkovskii. Transp. stroi. 6 no. 6:15-17 Je '56.

Making and placing prestressed reinforced concrete bridge spans. IA. K. Dubovskii. Transp. stroi. 6 no. 6:18-20 Je '56.

Pshenichnikov, S.N. [Reinforced concrete bridge spans placed on structures made of fitted blocks] Zhelezobetonnye proletnye stroeniia, sobiraemye navesnym sposobom iz zaranee izgoto'vlennykh blokov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 49 p.

BRIDGES, PONTOON see Pontoon bridges

BRIDGES, WOODEN

Glushman, E.E. [Construction of wooden bridges in cities] Stroitel'stvo dereviannykh mostov v gorodakh. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 110 p.

BRIQUETS (FUEL)

Andersch, O. [Concise manual on the briquetting of coal. Translated from the German] Kratkoe rukovodstvo po briketirovaniiu uglei. Perevod s nemetskogo pod red. A. B. Pozhezhinskogo. Moskva, Ugletekhizdat, 1956. 99 p.

Moisture content of the raw material for peat briquette plants. V. A. Zav'ialov, V. N. Ivanov, A. P. Voroshilov. Torf. prom. 33 no. 5:23-27 '56.

Using lignite and peat briquets and peat in rural stoves. M. M. Piatyshkin. Visnyk AN URSR 27 no. 6:46-47 Je '56.

BRITISH COMMONWEALTH OF NATION see Commonwealth of Nations

BROME GRASS see subdivision under Armenia

BROMIDES

Determination of chloride and bromide concentrations by means of chronometric titration. E. K. Nikitin, E. N. Ponomareva. Trudy Kom. anal. khim. 7:234-245 '56.

New method for the detection of iodide impurities in bromides. L. M. Kul'berg, M. M. Shvartsburd. Ukr. khim. zhur. 17 no. 5:799-800 '51.

Study of complexing in solutions of ternary systems by means of physicochemical analysis. E. IA. Gorenbein, P. I. Smolentsev. Ukr. khim. zhur. 17 no. 1:149-155 '51.

BROMIDES—THERAPEUTIC USE

Treatment of trigeminal neuralgia with intravenous bromine injections. S. I. Nesvizhskii. Stomatologiia 35 no. 3:19-22 My-Je '56.

BROMINATION

Bromination of unsaturated hydrocarbons. A. A. Petrov. Khim. i tekh. topl. no. 7:24-32 Jl '56.

BROMINE—THERAPEUTIC USE

Use of small doses of bromine in occupational therapy institutions. T. P. Murav'eva. Med. sestra 15 no. 6: 26-27 Je '56.

BRONCHI—DILATATION

Role of bronchography for the detection of bronchiectases. G. A. ISakian. Voen.-med. zhur. no. 4:30-32 Ap '56.

BRONCHI—RADIOGRAPHY

Diagnostic and therapeutic purpose of intrabronchial administration of a penicillin lipiodol emulsion which can be observed by X-rays. G. M. Akinfin, M. S. Bondarchuk. Voen.-med. zhur. no. 4:67-69 Ap '56.

Methodology of bronchography. S. I. Volkov. Voen.-med. zhur. no. 4:69-71 Ap '56.

Modified bronchographic methods. I. K. Gol'denfon. Voen.-med. zhur. no. 4:77-78 Ap '56.

Role of bronchography for the detection of bronchiectases. G. A. ISakian. Voen.-med. zhur. no. 4:30-32 Ap '56.

BRONCHI—WOUNDS AND INJURIES

Functional and anatomical changes in the bronchopulmonary system in radiation sickness. A. S. Amosov. Voen.-med. zhur. no. 6:21-26 Je '56.

BRONCHIECTASIA see Bronchi

BRONNITSY DISTRICT—COLLECTIVE FARMS—ACCOUNTING

Calculation of the production cost on the Molotov and Kalinin Collective Farms in Bronnitsy District. A. M. Soroka, A. I. Baev. Mosk. kolkh. 5 no. 6:31-33 Je '56.

BRONZE AGE see subdivision under Alma-Ata; Fergana Valley; Karkaralinsk; Kazakhstan

BRUCELLOSIS

Cytological study of immunity to brucellosis in farm animals. D. S. Borzenkov. Veterinariia 33 no. 7: 61-63 Jl '56.

Disease without prospects for the future. Mark Popovskii. V zashch. mira no. 51:104-107 Je '56.

Recommendations by an international group of experts on brucellosis. M. K. IUskovets. Veterinariia 33 no. 7:86-91 Jl '56.

BRUCELLOSIS—PREVENTIVE INOCULATION

Comparative study of the immunogenic properties of various types of brucellosis vaccines. Report no. 2: "AD" brucellosis vaccine. F. A. Linnyk. Mikrobiol. zhur. 9 no. 2/3:115-120 '48.

Comparative study of the immunogenic properties of various types of brucellosis vaccines. Report no. 3: "HALA" brucellosis vaccine. P. P. Linnyk. Mikrobiol. zhur. 9 no. 4:59-71 '48.

Immunization of guinea pigs through uninjured conjunctiva with NIIEG live brucellosis vaccine. A. V. Solivanov. Zhur. mikrobiol. epid. i immun. 27 no. 7:86-91 Jl '56.

BRUCELLOSIS IN SHEEP

Prophylaxis of brucellosis in sheep using living vaccine. P. A. Vershilova. Dokl. Akad. sel'khoz. 21 no. 6:36-39 '56.

BRUCELLOSIS IN SHEEP—PREVENTIVE INOCULATION

Results of testing brucellohydrolyzate of new series. V. P. Tul'chnye'ka, O. N. Bilostots'ka, M. I. Fedotov. Sots. tvar 28 no. 3:56-56 Ag '56.

BRUSSELS—BIOCHEMISTRY—CONGRESSES

Second International Conference on Lipids and the Third International Biochemical Congress. V. A. Belitser and others. Vop. med. khim. 2 no. 1:73-79 Ja-F '56.

BRYANSK—PHOTOGRAPHY—EXHIBITIONS

Photographic exhibition "Economy of Bryansk Province in the sixth five-year plan." L. Vasilkova. Kul't.-pros. rab. 17 no. 7:29-30 Jl '56.

BRYL', IANKA

The living truth ("On the Bystryanka"; stories. IAnka Bryl'. Reviewed by Ul. Hoika). Belarus' 13 no. 6:30 Ag '56.

BUBBLES

Generalization of experimental data on bubbling vapor through liquids. L. S. Sterman. Zhur. tekh. fiz. 26 no. 7:1519-1524 Jl '56.

BUCKWHEAT
(see also subdivision under White Russia)

Cultivation practices ensuring high buckwheat yields. I. Elagin. Kolkh. proizv. 16 no. 5:17-18 My '56.

Effect of pollination methods and plant forms on the formation of fruit in buckwheat. G. G. Asilkumov. Uch. zap. Bash. gos. ped. inst. no. 4:164-172 '55.

Our experience in sowing and bee pollination of buckwheat. S. I. Rak. Pchelovodstvo 33 no. 8:53 Ag '56.

Separation of cellulose from grain husk and its properties. M. S. Dudkin, N. G. Shkantova. Zhur. prikl. khim. 29 no. 9:922-926 Je '56.

BUCKWHEAT BREEDING

Using tetraploids in buckwheat breeding. N. N. Petelina. Sel. i sem. 21 no. 2:58-59 '56.

BUDAPEST—DESCRIPTION

Visiting our Hungarian friends. H. Skorobogatova. Sots. kul't. 9 no. 6:44-45 Je '56.

BUDAPEST—SANITARY ENGINEERING—CONGRESSES

Congress of sanitary engineers in Budapest. I. F. Livchak. Vod. i san. tekh. no. 5:36-38 My '56.

BUDAPEST—WOMEN—CONGRESSES

The First World Conference of Women Workers. Sov. zhen. 12 no. 8:insert:10 Ag '56.

Unity of working women of the world. Elena Kononenko. Rabotnitsa 34 no. 7:4-6 Jl '56.

World Conference of Women Workers. Nov. vrem. 14 no. 26:14 Je '56.

World Conference of Women Workers. Rad. zhin. 11 no. 7:2 of cover Jl '56.

BUDDHIST ART see Art, Buddhist

BUDDING

Carrying out budding in an organized manner. R. B. Iskol'dskaia. Sad i og. no. 6:38-41 Je '56.

Practical testing of apple graft-stock in Krasnodar Territory. G. V. Trusevich. Sad i og. no. 7:39-43 Jl '56.

Using cattails for tying grafts. V. F. D'iakonov. Sad i og. no. 7:63 Jl '56.

BUDENNOVSK DISTRICT—BARLEY

Sowing winter barley in packed soil. G. I. Petrov. Zemledelie 4 no. 7:63-66 Jl '56.

BUDGET
(see also subdivision under Germany, East; Kazakhstan; Sabinskiy District)

Current planning in fulfilling the terms of the budget. K. Belogurov. Fin. SSSR 17 no. 7:56-57 Jl '56.

Problems which life brings to the fore. V. Maslov. Fin. SSSR 17 no. 7:51-53 Jl '56.

BUDS

Some characteristics of setting and development of calistemon buds. K. IU. Odisharia. Soob. AN Gruz. SSR 17 no. 4:337-341 '56.

BUG RIVER

Time of the formation of the Southern Bug River liman. P. K. Zamorii, A. P. Romodanova. Dop. AN URSR no. 4: 11-14 '49.

BUGAKAR VALLEY—DIKES (GEOLOGY)

Symmetrical and zonal structure of the trachydacite Bugakar dike. S. A. Isaakian. Nauch. trudy Erev. un. 52:101-113 '55.

BUILDING
(see also subdivision under Altai Territory; China; Iakitim District; Moscow; Paris; Poim District; United States; Vienna)

Builders, improve the quality of work. V. Vakhonin. Blok. agit. no. 27:1-10 S '56.

Collective farm construction crew. F. I. TSyplakov. Mosk. kolkh. 5 no. 7:38 Jl '56.

Conference of building innovators. Stroi. pred. neft. prom. 1 no. 6:25-27 Ag '56.

Consultation. Sel'. stroi. 11 no. 7:30-31 Jl '56.

Decisively raise the quality of construction work! Arkhit. i stroi. Mosk. 5 no. 6:1-2 Je '56.

Demonstration building. M. V. Pershin. Biul. stroi. tekh. 13 no. 6:1-5 Je '56.

The development of architectural and building science depends on an overall research program. Arkhit. SSSR no. 6:1-2 '56.

The development of the theory of elastic shells in the U. S. S. R. I. G. Vasil'ev. Trudy Inst. ist. est. i tekh. 7:137-163 '56.

"Directives on setting up norms for engineering plans and technico-economic indices by branches of industry and types of operation." Biul. stroi. tekh. 13 no. 7:26-29 Jl '56.

Faktorovich, IU.A. [Dispatcher control in building operations] Dispetcherskoe upravlenie stroitel'stvom. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 133 p.

For further development of standard planning and mass production methods in construction work. Arkhit. i stroi. Len. no. 2:2-3 Je '56.

For greater development of labor productivity. Stroi. pred. neft. prom. 1 no. 6:1-2 Jl '56.

Holiday of Soviet builders. Stroi. pred. neft. prom. 1 no. 6:1 Ag '56.

Information. Sel'. stroi. 11 no. 5:27 My '56.

Information. Sel'. stroi. 11 no. 6:32 Je '56.

Information. Sel'. stroi. 11 no. 7:32 Jl '56.

Instructions and standards. Stroi. pred. neft. prom. 1 no. 4:32 Je '56.

Koren'kov, V. E., D. B. Khazanov, and A. A. Sherentais. [Unification of three-dimensional planning units and construction elements of mass-produced apartment houses and public buildings] Unifikatsiia ob"emno-planirovochnykh i konstruktivnykh elementov zhilykh i obshchestvennykh zdanii massovogo stroitel'stva. Pod obshchei red. G. F. Kuznetsova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 140 p.

Leaders in rural construction. Sel'. stroi. 11 no. 7: 19 Jl '56.

Letters from readers. Sel'. stroi. 11 no. 5:26 My '56.

Letters from readers. Sel'. stroi. 11 no. 6:31 Je '56.

Mixed crews in petroleum industry construction. M. K. Ushamirskii. Stroi. pred. neft. prom. 1 no. 6:7-9 Ag '56.

Moscow. TSentral'nyi institut informatsii po stroitel'stvu. [Experimental and demonstration construction (a frameless large-panel house in Beroznik; an apartment house of large brick-blocks in Moscow; a warehouse of frame and blocks for the "Molodaia Gvardiia" printing establishment)] Opytno-pokazatel'noe stroitel'stvo (beskarkasnyi krupnopanel'nyi dom v Beroznikakh; zhilot dom iz krupnykh kirpichnykh blokov v Moskve; karkasno-blochnoe zdanie sklada izdatel'stva "Molodaia gvardiia"). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 96 p.

Observe "Builder's Day" creditably. Sel'. stroi. 11 no. 7:2 of cover Jl '56.

"Organization and mechanization of apartment house construction." S. E. Kantorer, M. P. Mazur. Reviewed by N. I. Pentkovskii. Stroi. prom. 34 no. 6:47 Je '56.

Our experience with the introduction of efficiency suggestions. V. A. Balyklov, G. V. Dumanskii, A. D. Pervushin. Stroi. pred. neft. prom. 1 no. 6:27-28 Ag '56.

Planning and construction of central settlements of collective farms on virgin lands. M. Mikhalchenkov. Sel'. stroi. 11 no. 6:24-27 Je '56.

Prefabricated transportable office for work shift supervisors for use in building houses made of large blocks. V. S. Danilin. Rats. i izobr. predl. v stroi. no. 130:17-19 '56.

Sectional construction in Russia during the 16th century. A. S. Bobkov. Trudy Inst. ist. est. i tekh. 7:112-119 '56.

Standard form for a general chart on the issue of design and estimate documents. Rats. i izobr. predl. v stroi. no. 134:5-9 '56.

Tasks of petroleum refinery builders in the sixth five-year plan. Stroi. pred. neft. prom. 1 no. 4:1-2 Je '56.

Utilizing new methods in plans of the State Institute for Planning Specialized Petroleum Construction. S. V. Tikhanovskii. Stroi. pred. neft. khoz. 1 no. 2:11-12 Ap '56.

Wages in building according to piece work and progressive piece work rates. S. Mitin. Sots. trud no. 7:104-109 Jl '56.

We do the building ourselves with local materials. N. D. Monakhov. Mosk. kolkh. 5 no. 6:37-38 Je '56.

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER CONDITIONS

Prepare buildings and enterprises well and on time for work in winter conditions. Stroi. pred. neft. prom. 1 no. 6:2-3 Ag '56.

BUILDING—ESTIMATES

On the "Directive concerning building plans and estimates for industrial housing, and public building construction." Biul. stroi. tekh. 13 no. 7:21 Jl '56.

Procedure for using the "Unified regional unit prices." Biul. stroi. tekh. 13 no. 7:26-28 Jl '56.

Regional estimates and price lists for construction work. I. A. Petrov. Biul. stroi. tekh. 13 no. 7:1-3 Jl '56.

BUILDING—PRODUCTION STANDARDS

Technical standardization in Russian building in the prerevolutionary period. A. S. Bobkov. Trudy Inst. ist. est. i tekh. 7:255-262 '56.

BUILDING—SAFETY MEASURES

Safety techniques in basic construction work on collective farms. A. Birkengof. Sel'. stroi. 11 no. 7: 22-24 Jl '56.

BUILDING, ADOBE

Make wider use of local building materials. A. Pankratov. Sel'. stroi. 11 no. 7:29 Jl '56.

BUILDING, BRICK

Quality of masonry work and its effect on the supporting power of structures. L. Onishchik. Arkhit. i stroi. Mosk. 5 no. 6:13-20 Je '56.

Standard plans for apartment houses made of large brick blocks. V. M. Fromzel'. Arkhit. i stroi. Len. no. 2:10-12 Je '56.

Standard school building made of brick blocks. L. E. Ass. Arkhit. i stroi. Len. no. 2:17 Je '56.

BUILDING, CONCRETE see Concrete construction

BUILDING, EARTHQUAKE-PROOF see Earthquakes and building

BUILDING, FIREPROOF

More fireproof building materials for collective farm construction. N. Zakharov. Sel'. stroi. 11 no. 6:17 Je '56.

BUILDING, IRON AND STEEL
(see also subdivision under China)

Likin, V.V. [Installation of metal construction elements in hydraulic construction] Montazh metallicheskikh konstruktsii gidrotekhnicheskikh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 275 p.

Unit assembly of the metal elements of refinery installations. L. M. Fel'dshtein. Stroi. pred. neft. prom. 1 no. 4:21-23 Je '56.

BUILDING, WOODEN

The technique of wood architecture in Russia during the 16th and 17th centuries. M. G. Miloslavskii. Trudy Inst. ist. est. i tekh. 7:44-111 '56.

BUILDING BLOCKS

Assembling DKV boilers using large blocks. A. P. Lukovatyi. Stroi. pred. neft. prom. 1 no. 4:24 Je '56.

Collective farm plant for manufacturing wall blocks. N. D. Monakhov. Sel'. stroi. 11 no. 6:3-4 Je '56.

Conference of building innovators. Stroi. pred. neft. prom. 1 no. 6:25-27 Ag '56.

Coupling units for apartment house walls made of large blocks. Rats. i izobr. predl. v stroi. no. 13:10-21 '56.

Device for filling vertical seams in large-block walls. N. G. Sokolov. Rats. i izobr. predl. v stroi. no. 130:14 '56.

Experimental-demonstration construction of apartment houses from large brick building blocks. M. G. Chentemirov. Stroi. pred. neft. prom. 1 no. 1:4-8 Mr '56.

Lime-slag blocks. A. Muromskii. Kolkh. proizv. 10 no. 7:36 Jl '56.

Manufacturing large silica blocks. A. P. Trepov. Stroi. pred. neft. prom. 1 no. 6:9-10 Ag '56.

Mobile unit for making building blocks out of soil. P. Martynov. Sel'. stroi. 11 no. 6:4-6 Je '56.

Our experience in building houses using large brick building blocks. I. K. Ivanchenko. Stroi. pred. neft. prom. 1 no. 5:25-26 Jl '56.

Producing large-sized wall blocks from local materials A. N. Komar, K. I. Khokholev, F. S. Dudnik. Stroi. prom. 34 no. 6:5-7 Je '56.

Production and use of large silicate building blocks. V. M. Aleksandrov, G. D. Platonov. Arkhit. i stroi. Len. no. 2:26-30 Je '56.

Shop for manufacturing brick blocks. P. D. Khomskii. Stroi. pred. neft. prom. 1 no. 4:18-21 Je '56.

Technological factors in producing building blocks from porous clay materials. I. A. Gervids. Stroi. prom. 34 no. 7:20-23 Jl '56.

Universal square for controlling accuracy in setting large building blocks. N. G. Sokolov. Rats. i izobr. predl. v stroi. no. 130:13 '56.

Work of the engineering office on demonstration of construction with large building blocks. K. B. Ezdrin. Biul. stroi. tekh. 13 no. 6:20-21 Je '56.

BUILDING INDUSTRY see Construction industry

BUILDING MACHINERY
(see also subdivision under Moscow)

Analysis of indices of mechanization in building. B. R. Rats. Stroi. prom. 34 no. 6:37-38 Je '56.

Building machines and machinery. V. A. Trubin. Nov. tekh. i pered. op. v stroi. 18 no. 7:31-32 Jl '56.

Improving the use and repair of building machinery. S. N. Gorchakov and others. Stroi. prom. 34 no. 6:39-40 Je '56.

Machine for bending reinforcement rods. V. M. Getmantsev. Stroi. pred. neft. prom. 1 no. 5:24-25 Jl '56.

Mechanization of labor consuming work in building the Kuybyshev Hydroelectric Power Station. N. V. Razin. Mekh. stroi. 13 no. 7:3-7 Jl '56.

Mobile apparatus for manufacturing porous clay filler and wall slabs. S. O. Kontorovich. Stroi. pred. neft. prom. 1 no. 5:10-12 Jl '56.

New machinery for mechanizing construction work. K. M. Konstantinov, A. P. Stankovskii. Mekh. stroi. 13 no. 6: 28-34 Je '56.

Repair organizations. V. V. Blokhin. Mekh. stroi. 13 no. 6:26-28 Je '56.

Review of P. Zimin's book "Mechanized handling of wall-building materials in construction work." N. M. Kurek, L. S. Livshits. Mekh. trud. rab. 10 no. 7:47 Jl '56.

BUILDING MACHINERY—EXHIBITIONS see subdivision under London

BUILDING MACHINERY—MAINTENANCE AND REPAIR

Palkin, R. I. [Machinist's work in the repair of building machinery] Slesarnye raboty pri remonte stroitel'nykh mashin. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekturo, 1956. 170 p. (Spravochnye posobiia dlia rabochikh i masterov)

BUILDING MACHINERY—STANDARDS

Standardization, simplification and normalization of building and roadbuilding machinery. N. K. Grechin. Standartizatsiia no. 3:11-18 My-Je '56.

BUILDING MATERIALS

Durox, a new Swedish building material (From: Prefabrication, Mr '56). Stroi. pred. neft. prom. 1 no. 6:31-32 Ag '56.

Experience in producing xylolith products for building using local magnesian binding materials. D. O. Borshtein, IA. R. Krass. Stroi. prom. 34 no. 6:32-33 Je '56.

Kuz'min, I.I. [Gypsum and slag wall facings for stair wells] Oblitsovka lestnichnykh kletok gipsoshlakovymi plitami. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 29 p. (Novatory stroitel'noi industrii)

Make the most use of reed in agricultural construction. D. Sobolev. Sel'khoz. Kirg. no. 4:43-46 Ap '56.

Our practice in building with clay and straw mortar. V. Shepelevich. Sel'. stroi. 11 no. 6:18-19 Je '56.

Problems of improving the extraction of nonmineral building materials. F. A. Slipchenko. Stroi. prom. 34 no. 7:2-4 Jl '56.

Theory of milling building materials. P. P. Budnikov, M. I. Nekrich. Trudy MKHTI no. 21:2-25 '56.

BUILDING MATERIALS—STORAGE

Enclosures for loose material. Sel'. stroi. 11 no. 7: 28 Jl '56.

BUILDING MATERIALS—TRANSPORTATION

Experience in organizing centralized haulage of building materials. A. Gorbenko. Avt. transp. 34 no. 5:13-14 My '56.

Improve the freight and commercial work in public automotive transport organizations. A. Menn. Avt. transp. 34 no. 6:11-13 My '56.

BUILDING MATERIALS INDUSTRY

The building-materials industry in the sixth five-year plan. Blok. agit. no. 26:36-41 S '56.

Increase the production of building materials on collective farms. V. Ivanov. Sel'. stroi. 11 no. 6:1-2 Je '56.

Model regulations for inter-collective-farm enterprises producing local building materials. Sel'. stroi. 11 no. 5:30 My '56.

BUILDING TRADES—STUDY AND TEACHING
(see also subdivision under Mordvinian A.S.S.R.; Tashkent; Vitebsk)

Specialists for collective farm construction. A. Manevich. Sel'. stroi. 11 no. 5:9 My '56.

Technical study rooms in construction work. S. Kashirin. Prof.-tekh. obr. 13 no. 6:30-31 Je '56.

BUILDING TRADES—TEXTBOOKS

Textbooks should correspond to the programs. V. A. Kostriukov. Sred. spets. obr. no. 7:61-62 Jl '56.

BUILDINGS

Planning and constructing buildings over mines. A. P. Mandrikov. Stroi. prom. 34 no. 7:30-34 Jl '56.

BUILDINGS, DAMPNESS IN see Dampness in buildings

BUILDINGS, INDUSTRIAL see Industrial buildings

BUILDINGS, PREFABRICATED
(see also subdivision under Kostopol' (Rovno Province)

Providing loggers with prefabricated houses which they can put up themselves. N. IA. Bartnov. Les. prom. 34 no. 9:16-17 Ag '58.

BUILDINGS, PUBLIC see subdivision 'Public buildings' under Dolgorod Province; Moscow Province

BUKHARA—HISTORY

"Agalyk," a central Asiatic (Bukhara) term. A. A. Semenov. Dokl. AN Tadzh. SSR no. 3:3-6 '52.

From the history of mountainous Tajikistan. N. A. Kistinkov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 4: 107-128 '53.

Uprising of the peasant masses of Tajikistan (Eastern Bukhara) under the leadership of Vose. B. I. Iskanderov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 4: 93-95 '53.

BUKHARA—TAXATION

The institution "tankho" in the Darvaza Mountain Region. M. Rakhimov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 4:129-137 '53.

BUKHTARMA VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy and tectonics of Paleozoic deposits in the middle course of the Bukhtarma River. G. L. Kul'govskii, E. D. Vasilovskaia. Mat. VSEGEI no. 9:40-55 '55.

BUKOVINA, NORTHERN see Chernovtsy Province

BULBS

Aliforov, V. A. [Bulbous flowers; hyacinths, tulips, lilies, narcissuses, amaryllises, hippeastrums and tuberoses] Lukovichnye tsvetochnye rasteniia; giatsinty, tiul'pany, lilii, narsissy, amarillisy, gippeastrumy, tuberozy. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 91 p. (DA)

BULGAKOV, MIKHAIL AFANAS'EVICH, 1891-1940

The return of Mikhail Bulgakov ("Days of the Turbins," and "The last days." M. Bulgakov. Reviewed by E. Kalmanovskii). Neva no. 6:180 Je '56.

BULGARIA—AGRICULTURE, COOPERATIVE

In a Bulgarian village. A. Sheratiuk. Nov. vrem. 14 no. 35:24-25 Ag '50.

BULGARIA—BYZANTINE STUDIES

Byzantine studies in the people's democratic Bulgaria (1944-1953). Z. V. Udal'tsova. Viz. vrem. 8:344-360 '56.

BULGARIA—CHILDREN'S LITERATURE

A glance at the foreign press. Nar. obr. no. 7:104 Jl '56.

BULGARIA—COMMERCE

The development of Bulgarian foreign trade. Mezhdunar. zhizn' no. 7:132-133 Jl '56.

BULGARIA—DESCRIPTION AND TRAVEL

Visiting Bulgarian friends. M. Bogomazov. Iak. kino no. 6:100-107 Je '56.

Visiting our Bulgarian friends. M. Bugaeva. Ogonek 34 no. 37:6 S '50.

BULGARIA—ECONOMIC CONDITIONS

Bulgaria on the road to socialism. A. Sergeev. Blok. agit. no. 25:32-39 S '55.

BULGARIA—FASHION

Designs of Bulgarian dress. Kirill Iladov. Rabotnitsa 34 no. 8:29 Ag '50.

BULGARIA—HISTORY

"Bulgarians, Greeks, and Latins in Plovdiv during the period 1204-1205, 'The role of the Bogomiles'" [in Bulgarian]. B. Primov. Reviewed by T. M. Sokolova. Viz. vrem. 8:385-387 '56.

BULGARIA—HYDROELECTRIC POWER STATIONS

Legend of the Rhodope Mountains. Georgi Naumov. Translated from the Bulgarian. Ukraina no. 15:25-26 Ag '50.

BULGARIA—MOTION-PICTURE INDUSTRY

Visiting Bulgarian friends. M. Bogomazov. Iak. kino no. 6:100-107 Je '56.

BULGARIA—NAVAL EDUCATION

Future naval officers. V. Osipov. Sov. mor. 18 no. 8: 20-21 Ap '56.

BULGARIA—PHARMACOLOGY—PERIODICALS

"Pharmacy"; a periodical [in Bulgarian]. Reviewed by L. A. Noninska. Apt. delo 5 no. 4:59-60 Jl-Ag '56.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA

Cooperation between Bulgarian and Soviet linguists. Stoiko Stoikov. Slaviane no. 7:26 Jl '56.

BULGARIA—RUSSIAN LITERATURE—STUDY AND TEACHING

Russian literature in general schools of the Bulgarian People's Republic. T. F. Bugaiko. Lit. v shkole 17 no. 4:59-63 Jl-Ag '56.

BULGARIAN ART see Art, Bulgarian

BULGARIAN LANGUAGE—PREFIXES

Verbs with two prefixes in modern Bulgarian. G. K. Venediktov. Uch. zap. Len. un. no. 180:172-187 '55.

BULGARIAN LANGUAGE—STUDY AND TEACHING

Cooperation between Bulgarian and Soviet linguists. Stoiko Stoikov. Slaviane no. 7:26 Jl '56.

BULGARIAN LANGUAGE—VERB

Verbs with two prefixes in modern Bulgarian. G. K. Venediktov. Uch. zap. Len. un. no. 180:172-187 '55.

BULLS see subdivision under Ukraine

BUNTINGS (BIRDS)

Distribution of the black-headed bunting Emberiza melanocephala Scop. N. A. Naumkevich. Zool. zhur. 35 no. 7: 1096-1097 Jl '56.

BURBANK, LUTHER, 1849-1926

Isaev, S. I. [Luther Burbank] Liuter Berbank, Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 3, no. 30)

Luther Burbank's life and work. S. I. Isaev. Agrobiologiia no. 3:145-150 My-Je '56.

BURDENKO, NIKOLAI NILOVICH, 1876-

N. N. Burdenko, an outstanding Soviet surgeon; on the 75th birthday. S. M. Bagdasar'ian. Vrach. delo, no. 6:8-15 Je '51.

BURIAT-MONGOLIA see Buryat-Mongolia

BURMA

"The golden land." A. Tumanov. Rabotnitsa 34 no. 2: 24 Jl '56.

BURMA—DESCRIPTION AND TRAVEL

My journey to the land of free women and golden temples, from a traveler's diary. Anil da Silva. Vigier. V sviatoi Indii no. 61:52-58 Je '56.

BURMA—HISTORY

Vasil'ev, V. F. [Modern Burma] Sovremennaia Birma. Moskva, Gos. izd-vo polit. lit-ry, 1956. 97 p.

BURNS AND SCALDS

Deposition and excretion of ascorbic acid in burns in guinea pigs which received different quantities of vitamin C. M. F. Meromskaia, G. I. Taranovich, L. E. Taranovich. Vop. med. khim. 2 no. 1:13-16 Ja-F '56.

Immunotherapy in burns. L. N. Pushkar'. Khirurgiia no. 5:17-20 My '56.

Kidney function in burns. M. A. Didenko. Khirurgiia no. 5:13-17 My '56.

Method of documenting burns according to their degree, localization, and extent. G. D. Vilkavis. Khirurgiia no. 5:20-24 My '56.

Pathogenesis and treatment of burns. B. A. Arapov. Voen.-med. zhur. no. 3:11-19 Mr '56.

Result of the treatment of burns at a rural hospital. K. I. Bachev. Khirurgiia no. 5:67-68 My '56.

Result of treating thermal burns with synthomycin and biomycin. I. V. Dantlov, L. G. Fishman, M. N. Lesin. Khirurgiia no. 5:9-13 My '56.

Theories of the causes of death in cases of extensive thermal burns. O. K. Khmel'nitskii. Biul. AN Tadzh. SSR no. 14:51-57 '55.

Treating burns. E. F. Lankina. Voen.-med. zhur. no. 3:72-75 Mr '56.

Treating shock following burns. G. A. Nasonov. Voen.-med. zhur. no. 6:63-65 Je '56.

Treatment of burns. M. F. Bogatyrev, V. Kh. Sharashevskii. Voen.-med. zhur. no. 3:75-78 Mr '56.

BURYAT LANGUAGE—HISTORY

From the history of Buryat writing. L. Ritsov. Sviet nad Baik no. 3:142-149 My-Je '56.

BURYAT-MONGOLIA—CULTURE

Cultural news. Svet nad Baik. no. 3:155-159 My-Je '56.

BURYAT-MONGOLIA—ECONOMIC CONDITIONS

Beyond the dark blue Lake Baikal. V. Havrylyuk. Zmina no. 7:7 Jl '56.

BURYAT-MONGOLIA—SOILS

Arid steppe soils of the Barguzin Depression [with German summary in insert]. N. A. Nogina. Pochvovedenie no. 4:59-69 Ap '56.

BURYAT-MONGOLIA—TRANSPORTATION, AUTOMOTIVE

Every automobile should be on the coal accounting basis. Avt. transp. 34 no. 6:36 Je '56.

BUS BARS, ELECTRIC see Electric bus bars

BUSTARDS see subdivision under Kirov Province

BUSTS

Aesthetic sketch. Tekst. i kost. no. 7:164 Jl '56.

BUTADIENE

Structure of butadiene-styrene polymers (with English summary in insert). T. G. Boboleva and others. Kolloid. zhur. 18 no. 3:344-349 My-Je '56.

BUTANE

[illegible] study [illegible] the [illegible] the [illegible] English [illegible]

BUTASHKEVICH PETRASHKEVICH, MIKHAIL [illegible] 1891-1956

A. N. Mat[illegible] [illegible] Mikhail's] [illegible] 224 336 My-Je '56.

BUTENE

Catalytic [illegible] with [illegible] 1031-1037 '56.

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828-1886

A. M. Butlerov, the great [illegible] 1956. 1 [illegible] 17 no. 5:31-33 '56.

BUTTER

[illegible] system. P. Tikhonov [illegible] 17 no. 5:31-33 '56.

BUTTERFLIES

Butterfly [illegible] Ag '56.

Variability of wing pattern [illegible] with English summary [illegible] Dnevnykh [illegible] 37 no. 5:1005-1012 '56.

BUTTERFLIES—COLLECTION AND PRESERVATION

[illegible] '56.

BUTTERFLIES—INDEXES

Index of butterflies [illegible] 37 no. 5:1013 '56.

BUTTING, MAX

Max Butting's [illegible] Max Butting [illegible] 31 '56.

BUTTOCKS—WOUNDS AND INJURIES

[illegible] investigation [illegible] Khirurgiia no. 5:80-86 My '56.

BUTYL ACETATE

[illegible] Ukr. nauch.-issled. [illegible] Khim. zhur. 22 no. 2:205-208 '56.

BUTYL ALCOHOL

Interaction of butyl [illegible] with [illegible] B. M. Kanevskii, E. I. Kats, [illegible] Khim. zhur. 22 no. 2:209-211 '56.

BUTYRIC ACID

Physicochemical analysis of the interaction of [illegible] acids. Part 4. Thermal analysis of the [illegible] urea — water — butyric acid. M. N. Kondrat'eva, [illegible] Bergman. Zhur. obs. khim. 26 no. 9:2325-2330 S '56.

BUZIN, NIKOLAI PAVLOVICH, 1895-1956

N. P. Buzin, obituary. Vop. onk. 2 no. 4:512 '56.

BYKOVO—AGRICULTURAL EXPERIMENT STATIONS

Twenty-five years of work of the Bykovo [illegible] Experiment Station. P. P. Bolin. Sad i ogorod 3 no. 6: Je '56.

BYLINY

Origin of bylina. I. P. Filipenko. Nauk. zap. Inst. russk. lit. AN URSR 3:135-138 '54.

BYZANTINE EMPIRE

The colonists in the Eastern Roman Empire during the 5th and 6th centuries. A. K. Korsunskii. Viz. vrem. 9:48-77 '56.

Old Russian tale on the taking of Constantinople by the "Franks" [Western Europeans] as a source for the history of Byzantium. N. A. Meshchersk[illegible] Viz. vrem. 9:170-185 '56.

BYZANTINE EMPIRE—CITIES AND TOWNS

Social make-up of the population of Byzantine towns in the 9th-10th centuries. A. P. Kazhdan. Viz. vrem. 8:85-96 '56.

BYZANTINE EMPIRE—COMMERCE

The role of market cities in the history of Byzantium. M. IA. Sukhareva. Viz. vrem. 8:36-44 '56.

BYZANTINE EMPIRE—FOREIGN RELATIONS—RUSSIA

The problem of Russian-Byzantine relations in present-day literary, foreign, and Soviet historiography. M. V. Levchenko. Viz. vrem. 8:7-25 '56.

BYZANTINE EMPIRE—HISTORY

New appearances in Western Byzantine studies ("Byzantium into Europe" [in English], Jack Lindsay. Review ed by A. IA. Gurevich, M. A. Zaborova). Viz. vrem. 8:366-373 '56.

BYZANTINE EMPIRE - HISTORY (Continued)
Olympiodor's "History." Translation, article, comments, and index by E. Ch. Skrzhinskaia. Viz. vrem. 8:223-276 '56.

"The rule of Justinian." Agathias. Translated by M. V. Levchenko. Reviewed by M. IA. Stuziumov. Viz. vrem. 9:250-254 '56.

Works on the history of Byzantium in the Academic Student Association of the Sverdlovsk Pedagogical Institute. V. M. Krivosheeva. Viz. vrem. 8:391 '56.

BYZANTINE EMPIRE—MEDICINE
Selection from a medical tract of Actius of Amida in a manuscript from the 10th-11th century. E. E. Granstem. Viz. vrem. 9:159-169 '56.

BYZANTINE LITERATURE—HISTORY AND CRITICISM
Byzantine fable "Story of the quadrupeds" (14th century). V. S. Shandrovskaia. Viz. vrem. 9:211-240 '56.

BYZANTINE PAINTING see Painting, Byzantine

BYZANTINE STUDIES
(see also subdivision under Bulgaria)
Survey of Soviet literature on Byzantine studies appearing during 1945-1954. E. N. Eteonskaia, S. N. Kapterev. Viz. vrem. 9:264-286 '56.

CABBAGE
Increasing the vitality of common cabbage. N. A. Savchenko. Agrobiologiia no. 3:23-27 My-Je '56.

Nikonenko, D. A. [Raising cabbage in the South] Kul'tura kapusty na IUge. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 82 p.
(DA)

We are organizing production centers for common cabbage seeds. O. Selivanova. Sad i og. no. 6:23 Je '56.

CABLES see subdivision under Mukden, China

CABLES, ELECTRIC see Electric cables

CABLEWAYS see Wire-rope transportation

CADMIUM-LEAD ALLOYS
Thermodynamic properties of liquid solutions in systems: lead - bismuth and cadmium - lead. V. N. Eremenko, O. M. Eremenko, T. P. Bruevich. Ukr. khim. zhur. 17. no. 5:658-677 '51.

CADMIUM NITRATE
Solubility of cadmium nitrate in ammoniacal solutions. G. G. Urazov, A. K. Kirakosian, M. N. Liashenko. Izv. Sekt. fiz. -khim. anal. 27:315-327 '56.

CADMIUM SALTS
Irreversible-reciprocal system of sodium and cadmium chlorides and iodides. I. I. Il'iasov, A. G. Borgman. Zhur. ob. khim. 26 no. 6:1288-1296 My '56.

CADMIUM SELENIDE—SPECTRA
Absorption spectra and exciton emission in cadmium selenide crystals. E. F. Gross, V. V. Sobolev. Zhur. tekh. fiz. 26 no. 7:1622-1624 Jl '56.

CADMIUM SULFIDES—ELECTRIC PROPERTIES
Kinetics of photocurrent growth and the phenomenon of photoconductivity quenching in cadmium sulfide. A. D. Shneider. Zhur. tekh. fiz. 26 no. 7:1428-1432 Jl '56.

CADMIUM SULFIDES—SPECTRA
Emission spectrum of excitons. E. F. Gross, M. A. IAkobson. Zhur. tekh. fiz. 26 no. 8:1369-1371 Je '56.

CAFFEINE—PHYSIOLOGICAL EFFECT
Effect of caffeine on the secretion of carbon dioxide through human skin. M. M. Petrun', Fiziol. zhur. [Ukr.] 1 no. 2:108-112 Mr-Ap '55.

CALABRIA, ITALY—SOCIAL CONDITIONS
Discovery of Calabria. Lilo Damert. V zashch. mira no. 62/63:74-82 Jl-Ag '56.

CALCIFICATION
A case of general interstitial calcinosis. V. I. Baranov, M. D. Riapolova. Terap. arkh. 28 no. 4:77-80 '56.
Intracranial calcifications following tuberculous meningitis. A. V. Aleksandrova. Vest. rent. i rad. 31 no. 3:61-66 My-Je '56.

CALCIUM
Chloroalumocalcium as a hardening accelerator and agent for decreasing water permeability of mortars and concretes. Rats. i izobr. predl. v stroi. no. 137: 31-32 '56.

Determination of calcium in limestone by amperometric titration with the use of an indicator. IU. I. Usatenko, M. A. Vitkina. Trudy Kom. anal. khim. 7:155-161 '56.

Distribution of calcium in plants. M. G. Abutalybov. Fiziol. rast. 3 no. 4:309-312 Jl-Ag '56.

Rapid method for the determination of calcium in presence of magnesium. G. B. Pasovskaia. Trudy Kom. anal. khim. 7:272-275 '56.

CALCIUM CARBIDE
Experience in calcium carbide production in a sugar factory. A. IA. Rozhchenko, A. IA. Nevirovskii, V. T. Dementiev. Sakh. prom. 30 no. 5:49-52 My '56.

CALCIUM CHLORIDE
Thermal stability of calcium hydroxychlorides. I. I. Vol'nov. Izv. Sekt. fiz. -khim. anal. 27:251-254 '56.

CALCIUM HYDRIDE
Calcium hydride method for determining water content in liquid fuels. P. A. Rybakov, T. D. Lysenko. Khim. i tekh. topl. no. 7:57-60 Jl '56.

CALCIUM HYPOCHLORITE
Use of calcium hypochlorite in the determination of bromium and iodine by means of differentiated titration. G. P. Aleksandrov, T. F. Levchenko. Ukr. khim. zhur. 17 no. 5:793-795 '51.

CALCIUM OZONIDE
Kinetics of spontaneous decomposition of potassium ozonide. I. A. Kazarnovskii, S. I. Reikhshtein, L. N. Bykova. Dokl. AN SSSR 108 no. 4:641-644 Je '56.

CALCULATING MACHINES
(see also subdivision under Detroit)
Algorithms and the mechanical solution of problems. B. A. Trakhtenbrot. Mat. v shkole no. 4:3-10 Jl-Ag '56.
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Computer Engineering.] Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika nos. 23-25, 29-30 Je-Jl '56.
Is an automatic chess player machine possible? V. Smilga. Shakh. v SSSR 33 no. 6:176-177 Je '56.

CALCULI, URINARY
Treating urinary calculus at the Truskavets health resort. M. A. Dudchenko. Voen. -med. zhur. no. 6: 53-55 Je '56.

CALCULUS
On a review and remark following it. Sh. E. Mikeladze. Usp. mat. nauk 11 no. 3:241-242 My-Je '56.

CALCULUS, DIFFERENTIAL
Derivatives with arbitrary characteristics of the order of differentiation of analytic functions of complex variables. V. IA. Shostak. [Trudy] MVTU no. 50:335-362 '56.

CALCULUS, INTEGRAL
Integral sequences. A. G. Dzhvarsheishvili. Soob. AN Gruz. SSR 17 no. 4:297-302 '56.

CALCULUS OF VARIATIONS
Semicontinuity of integrals in variational calculus. V. I. Kazimirov. Usp. mat. nauk 11 no. 3:125-129 My-Je '56.

CALENDAR
How was the present system of counting the days and months of the year evolved. V. Grebenshchikov. Otv. na vop. trud. no. 07:58-62 '56.

CALENDAR OF ANNIVERSARIES see Anniversary calendar

CALENDAR REFORM
Universal calendar. Zmina no. 7:22 Jl '56.

CALIPERS
Physical principles of the mechanical wear of plane-parallel limit-length gauges. E. P. Osmolovskaia. Izm. tekh. no. 3:24-29 My-Je '56.
Slide caliper for measuring conical boreholes. N. K. Gorokhov. Stan. i instr. 27 no. 6:44-45 Je '56.

CALLISTHENICS
Speshnev, F. F. [Callisthenics for sport and health] Sportivno-vspomogatel'naia gimnastika] Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 142 p.

CALLOSITIES
How to do away with corns. Rab. i stel. 32 no. 6:3 of cover S '56.

CALORIMETERS
Gold calorimeter with sensitivity of 0, 00005° for studying the thermochemistry of solutions. Investigation of the heat capacity of cesium iodide solutions with a tolerance of 0, 03% (with English summary in insert). A. F. Kapustinskii, I. I. Lipilina, O. IA. Samoilov. Zhur. fiz. khim. 30 no. 4:800-800 Ap '56.

CALORIMETRY
Applicability of the differential calorimetric method under conditions of laminar gaseous flow (as illustrated on the ozone decomposition reaction) (with English summary in insert). A. M. Markevich. Zhur. fiz. khim. 30 no. 4:735-752 Ap '56.
Heat balance in aluminum baths. I. M. Kaganskii, A. A. Edigarian. TSvet. met. 29 no. 6:58-60 Je '56.

CALVES
Ivanova, V. K. [How I raised 900 calves] Kak ia vyrastila 900 teliat. [Saratov] Saratovskoe kn-vo, 1955. 0 p. (Opyt peredovikov sel'skogo khoziaistva)
(DA)

Tlukina, N. N. [Raising calves in unheated buildings] Vyrashchivanie teliat v neotaplivaemykh pomeshcheniiakh, [Kuibyshev] Kuibyshevskoe kn-vo, 1956. 14 p.
(DA)

CALVES—WATERING
New methods for watering and training calves. V. F. Matusevich. Sots. tvar. 28 no. 8:62-63 Ag '56.

CAMBODIA—FOREIGN RELATIONS
The road to national independence. Mezhdunar. zhizn' no. 7:133-134 Jl '56.

CAMBODIA—FOREIGN RELATIONS—RUSSIA
Cambodia and the U. S. S. R. Nov. vrem. 14 no. 28:16 Jl '56.
Cambodian statesmen on Soviet land. Ogonek 34 no. 28: 3 Jl '56.
Interview with Prince Norodom Sihanouk. Nov. vrem. 14 no. 29:9-10 Jl '56.
Joint communiqué on negotiations between representatives of the U. S. S. R. government and Prince Norodom Sihanouk. Nov. vrem. 14 no. 29:insert:2 Jl '56.

CAMBODIA—POLITICS AND GOVERNMENT
Interview with Prince Norodom Sihanouk. Nov. vrem. 14 no. 29:9-10 Jl '56.

CAMBRIDGE, ENGLAND—RADIOBIOLOGY—CONGRESSES
International conference on radiobiology. Med. rad. 1 no. 1:90-91 Ja-F '56.

CAMELS see subdivision under Astrakhan Province

CAMELS—FEEDING AND FEEDING STUFFS
Digestibility of cereal and varied-grass hay for camels. M. S. Karpov. Izv. AN Kazakh. SSR. Ser. osv. pust. no. 2: 102-123 '51.

CAMEL'S THORN see subdivision under Uzbekistan

CAMERAS
New developments in science and technology. Mol. mira no. 4:15 '56.

CAMPHOR TREE
Camphor laurel as a national source of safrole. U. V. Volkhovskaia. Masl. -zhir. prom. 22 no. 4:14-15 '56.

CAMPING
About a dragon, robbers, and Pioneer romanticism. S. Shmakov. Vozhatyi 32 no. 7:0-11 Jl '56.
Antropova, M. V., L. V. Mikhailova, and G. P. Sal'nikova. [Hygiene in Pioneer camps] Gigiena pionerskogo lageria. Moskva, Izd-vo Akademii nauk RSFSR, 1956. 75 p.
Camp near Kharkov. D. Nagornyi. Vozhatyi 32 no. 7: 2-5 Jl '56.
Dozens of interesting activities. T. Safonova. Vozhatyi 32 no. 7:18-20 Jl '56.
The essential is missing ["The health center of a pioneer camp during marches." I. D. Kesler. Reviewed by N. Bunkin]. Sov. kras. krest 6 no. 3:31 My-Je '56.
In a city Pioneer camp. E. Kuzin. Sov. kras. krest 6 no. 3:7 My-Je '56.
Keeping pace with life. IU. Kurov. Vozhatyi 32 no. 7:20-21 Jl '56.

CAMPING—OUTFITS, SUPPLIES, ETC.
Signalling and communication at a Pioneer camp. Biarozka 32 no. 7:29 Jl '56.

CAMPS (MILITARY)
Preparing for the camping period is an important task for the military medical service. Voen. -med. zhur. no. 4:3-9 Ap '56.

CANADA—ARMAMENTS, COST OF
Statistics. From our pockets. V zashch. mira no. 60: 19-20 My '56.

CANADA—DESCRIPTION AND TRAVEL
Ten days in Canada. A. Kotov. Vokrug sveta. no. 6: 29-32 Je '56.

CANADA—ECONOMIC CONDITIONS
Sushchenko, V. V. [Anglo-American conflicts of interest in Canada after the Second World War] Anglo-amerikanskie protivorechiia v Kanade posle Vtoroi Mirovoi voiny. Moskva, Gos. izd-vo polit. lit-ry, 1956. 182 p.

CANADA—FISH
Some dat
khoz.

CANADA—
Cold stor
Canadia
32 no.

CANADA—
Illig-tom
Canada'
'56.

CANADA—
Amateur
chuk.

CANADA—
Winning
33 no.

CANADA—
Lumber a
"Timbe
6:29-30

CANADA—REFRIGERATION ON SHIPS

Cold storage installations and apparatus used in the Canadian fishing industry. V. P. Zaitsev. Ryb. khoz. 32 no. 6:68-72 Je '56.

CANADA—UKRAINIANS

Amateur art activities of Canadian Ukrainians. P. Kravchuk. Sov. muz. 20 no. 8:148-150 Ag '56.

Canadians get ready for the anniversary. Ukraina no. 14:7 Jl '56.

CANADA—ZINC INDUSTRY

Smelting and casting zinc at the Trail Plant in Canada. V. A. Naumov. TSvet. met. 29 no. 6:91-3 of cover Je '56.

CANALBOATS

Towing operations in canal lock roadsteads. V. I. Chemodanov. Rech. transp. 15 no. 7:16-18 Jl '56.

CANALS

Rubber keys for precast slabs used for channel facing. B. F. Mikutovich, A. D. Osipov. Gidr. strol. 25 no. 5:20-23 Je '56.

CANALS—LOCKS see Locks (Hydraulic engineering)

CANCER

Cancer in twins. I. I. Kanaev. Priroda 45 no. 7:101-102 Jl '56.

Comparative study of liver proteins and transplanted hepatoma. A. M. Kuzin, I. N. Romanova. Vop. med. khim. 2 no. 2:96-102 Mr-Ap '56.

Copper, zinc, cadmium, and nickel content of muscles and tumors. V. I. Gorodyskii, I. V. Veselaia, O. N. Rostovtseva. Vop. med. khim. 2 no. 1:17-18 Ja-F '56.

Correlations of protein fractions and their easily hydrolized carbohydrates in the liver of mice with transplanted hepatoma, in the tissue of the tumor, and in the liver of healthy mice. A. M. Kuzin, A. A. Tustanovskii, G. A. Garzunova-Dal'skaia. Vop. med. khim. 2 no. 1:42-46 Ja-F '56.

Effect of brief inhibition and excitation of the central nervous system on the immunologic reactivity of the system with relation to a cancer antigen. I. N. Maiskii, G. V. Suvorova. Biul. eksp. biol. med. 41 no. 6:49-50 Je '56.

Melanosarcoma in horses and its biochemical diagnosis. M. Taranov. Konevodstvo 26 no. 9:20-21 S '56.

Problem of a malignant growth; at the Tenth Meeting of the General Assembly of the Academy of Medical Sciences of the U. S. S. R. V. M. Bergol'ts. Priroda 45 no. 7:49-51 Jl '56.

CANCER—DIAGNOSIS

"Early diagnosis of cancer by the cytological method" (Zbl. f. Gynaekologie no. 2, p. 63-79, 1955) K. Mamzack. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:89 My-Je '56.

CANDATA see Urodela

CANNABIS INDICA see subdivision under Ili Valley

CANNIBALISM (ANIMALS)

Instances of cannibalism in animals. V. V. Strokov and others. Priroda 45 no. 7:97-99 Jl '56.

CANNING AND PRESERVING

Pickling vegetables. N. Palilov. Biok. agit. no. 26:46-4 of cover S '56.

Processing vegetables and fruit on the collective farm. A. V. Reznichenko. Sad i og. no. 6:24-25 Je '56.

CANNING AND PRESERVING—APPARATUS AND SUPPLIES

Mounting drying units on foundations of single-feeder paste appliers. A. Sokolovskii. Mias. ind. SSSR 27 no. 3:53-54 '56.

the canned meat industry. G. Babin. ? '56.

N STANDARDS

...ments. I. Kuz'menko, Sots. trud. no. 6:100-101

Fizk. i sport 26 no. 7:

the cantata ("The Soviet ...khlovkina. Reviewed 20 no. 7:136-139 Jl '56.

...sentery. F. A. Bogo- 85-86 My-Je '56.

...ranial birth injuries IA. F. Neplotnik. Pedia- 56.

... leaves) on the perme- A. Sondak, A. I. Ruderman.

... capillaries in the brain ...va. Biul. eksp. biol. med.

Resistance of skin capillaries in newborn infants. N. V. Potanin. Vop. okh. mat. i det. 1 no. 3:30-33 My-Je '56.

CAPITALISM

Has capitalism changed (to be concluded)? IU. Zhilin. Nov. vrem. 14 no. 34:3-7 Ag '56.

Has capitalism changed (conclusion)? IU. Zhilin. Nov. vrem. 14 no. 35:3-8 Ag '56.

CAR COUPLINGS

Determining efficient parameters for friction apparatus of automatic couplers and calculating the forces of impact. L. N. Nikol'skii. Tekh. zhel. dor. 15 no. 4:21-24 Je '56.

CARBOHYDRATE METABOLISM

Comparative ecologophysiological study of perennial grasses in pure and mixed stands. Report no. 11: Changes in the carbohydrate metabolism of some perennial grasses depending on their percentage in the mixture. A. I. Smetannikova, V. G. IUdin. Trudy Bot. inst. Ser. 4 no. 11:7-46 '56.

CARBOHYDRATES

Correlations of protein fractions and their easily hydrolized carbohydrates in the liver of mice with transplanted hepatoma, in the tissue of the tumor, and in the liver of healthy mice. A. M. Kuzin, A. A. Tustanovskii, G. A. Garzunova-Dal'skaia. Vop. med. khim. 2 no. 1:42-46 Ja-F '56.

CARBON

Assimilation of carbon from organic fertilizers by plants. A. M. Kuzin, V. I. Merenova. Trudy Inst. biol. fiz. no. 1: 247-255 '55.

Effect of carbon on the resistance of the hard-facing metal to abrasive wear. E. I. Leinachuk. Avtom. svar. 9 no. 3:58-64 My-Je '56.

CARBON—ISOTOPES

Determination of the relative vapor pressures of $C^{13}H_4$ and of $O^{18}_2$ by the Rayleigh distillation method (with English summary in insert). G. G. Deviatykh, A. D. Zorin. Zhur. fiz. khim. 30 no. 5:1133-1139 My '56.

Radioactive products of the transformation of glycin-1-$C^{14}$ in the brain tissue of the rat. N. V. Sadikova, V. A. Skvortsevich. Vop. med. khim. 2 no. 2:128-132 Mr-Ap '56.

"Using radioactive carbon for studying photosynthesis." O. V. Zalenskii, O. A. Semikhatova, V. L. Voznesenskii. Reviewed by N. P. Voskresenskaia, L. N. Belt. Fiziol. rast. 3 no. 4:387-388 Jl-Ag '56.

CARBON, ACTIVATED

Properties of largely inhomogeous surfaces resulting from studying the adsorption of oxygen and hydrogen on active carbons. N. P. Keier, S. Z. Roginskii. Probl. kin. i kat. 7:410-435 '49.

CARBON BLACK

Influence of the type of carbon black and the nature of the binder on the character of structuralization in carbon-black suspensions (with English summary in insert). T. N. Malova. Koll. zhur. 18 no. 3:310-314 My-Je '56.

Physicochemical properties and structure of carbon black. P. A. Tesner. Probl. kin. i kat. 7:59-71 '49.

Preparation of carbon black by catalytic decomposition of natural gases containing methane. F. E. Mishel'. Trudy LIEI no. 9:107-122 '56.

CARBON COMPOUNDS

Expansion of the carbon skeleton of molecules during the interaction of iodides with halo organic compounds. B. V. Tronov, V. M. Aksenenko. Zhur. ob. khim. 26 no. 5: 1393-1397 My '56.

CARBON DIOXIDE

The $CO_2$ content in anodic gases as a method of checking the electrolytic process of alumina-cryolite smelting. G. V. Forsblom, R. A. Sandler. TSvet. met. 29 no. 6: 47-56 Je '56.

Effect of caffeine on the secretion of carbon dioxide through human skin. M. M. Petrun'. Fiziol. zhur. [Ukr.] 1 no. 2:108-112 Mr-Ap '55.

Effect of nitrogen nutrition of plants on the $CO_2$ fixation of leaves in darkness. L. A. Nezgovorova. Fiziol. rast. 3 no. 4:343-351 Jl-Ag '56.

Experimental characteristics of components in the system $H_2O$ - $CO_2$. N. I. Khitarov, S. D. Malinin. Geokhimiia no. 3:18-27 '56.

"Fertilizing plants with carbon dioxide." V. A. Chesnokov, A. M. Stepanova. Reviewed by A. F. Kleshnin. Fiziol. rast. 3 no. 4:388 Jl-Ag '56.

On dark fixation of carbon dioxide by plants [with English summary in insert]. IU. V. Rakitin, A. V. Krylov, A. A. Kolesnikov. Fiziol. rast. 3 no. 3:225-232 My-Je '56.

CARBON MONOXIDE

Catalytic hydrocondensation of carbon monoxide with olefins. Part 16. Hydrocondensation of carbon monoxide with 1-butene. IA. T. Eidus, R. I. Izmailov. Izv. AN SSSR. Otd. khim. nauk no. 6:723-729 Je '56.

Composition and properties of synthetic products obtained from carbon monoxide using iron alloys as catalysts. B. M. Kheifets, N. V. Milovidova, I. B. Rapoport. Khim. i tekh. topl. no. 2:35-45 F '56.

Induced oxidation of carbon monoxide (with English summary in insert). F. I. Dubovitskii, M. F. Kuz'minx. Zhur. fiz. khim. 30 no. 4:837-846 Ap '56.

Peculiarities of hydrocarbon synthesis from carbon monoxide and hydrogen over ferrous catalysts under conditions of waste gas circulation. A. N. Bashkirov, IU. B. Kagan, IU. B. Krinkov. Izv. AN SSSR. Otd. tekh. nauk no. 6:136-143 Je '56.

Study the synthesis of carbon monoxide and hydrogen using kiezelghur as a catalyst. A. N. Bashkirov, S. M. Loktev. Khim. i tekh. topl. no. 4:7-12 Ap '56.

CARBON TETRACHLORIDE

Viscosity and specific volumes in the system: benzene - toluene - carbon tetrachloride. V. IA. Anosov, M. I. Ozerova. Izv. Sekt. fiz. -khim. anal. 27:412-418 '56.

CARBONATES

Carbonate formations in soils and soil-forming rocks of the central Chernozem region [with German summary in insert]. V. V. Dobrovol'skii. Pochvovedenie no. 5: 31-42 My '56.

Determination of the acidity of aluminosilicates by the carbonate process. K. G. Miessorov. Zhur. prikl. khim. 29 no. 6:851-855 Je '56.

CARBONATES (MINERALOGY)

(see also subdivision under Donets Basin; Krivoy Rog)

New method of studying carbonates with the aid of organic dyes. G. L. Pletrovskii. Zap. Vses. min. ob-va 85 no. 2:209-212 '56.

CARBOXYLASES

Change in carboxylase activity in ripening fruit. IU. V. Rakitin. Trudy Inst. fiziol. rast. 6 no. 1:201-209 '48.

CARBOXYLATION

On dark fixation of carbon dioxide by plants [with English summary in insert]. IU. V. Rakitin, A. V. Krylov, A. A. Kolesnikov. Fiziol. rast. 3 no. 3:225-232 My-Je '56.

CARBOXYLIC ACID

Research in the field of dibasic carboxylic acid derivatives. Report no. 16. A. L. Mndzhoian, A. A. Grigorian. Dokl. AN Arm. SSR 22 no. 5:215-219 '56.

CARBURETORS

Eliminating causes of float chamber flooding in the AKM-62 IR carburetors. A. Skuridin. Grazhd. av. 13 no. 6:16-19 Je '56.

CARCINOGENS

The blastomogenic activities of some aminoazo compounds and their transformation in the organism. T. A. Koroleva. Usp. sovr. biol. 41 no. 3:294-305 My-Je '56.

CARD CATALOGS (FOR LIBRARIES) see Catalogs, Card

CARDIOVASCULAR SYSTEM

Condition of the cardiovascular system in endarteritis obliterans of the lower extremities. V. S. Krapivner, K. K. Khmel'nitskaia. Sov. med. 20 no. 6:54-59 My '56.

The effect of dihydroeserophysin on the cardiovascular system and on the autonomic ganglia. E. A. Mukhin. Farm. i toks. 19 no. 3:16-21 My-Je '56.

Reaction of the cardiovascular system to ionizing radiation. A. V. Lebedinskii. Med. rad. 1 no. 2:3-9 Mr-Ap '56.

CARDIOVASCULAR SYSTEM—DISEASES

Amount of circulating blood in cardiovascular and pulmonaty diseases. P. M. Levinn. Terap. arkh. 28 no. 4: 44-45 '56.

Conference on cardiology in Kislovodsk. E. P. Fedorova. Vop. kur. fizioter. i loch. fiz. kul't. 21 no. 2:88-90 Ap-Je '56.

Functional test for detecting latent cardiovascular insufficiency. G. P. Mikhailovskii. Voen. -med. zhur. no. 3:84-85 Mr '56.

"Physical therapy in cardiovascular diseases." V. A. Ivanov. Reviewed by B. M. Broderzon. Vop. kur. fizioter. i loch. fiz. kul't. 21 no. 2:87-70 Ap-Je '56.

Problem of the prevention and therapy of cardiovascular diseases. P. E. Lukomskii. Sov. med. 20 no. 6:3-14 Je '56.

[Problems of pathology of the cardiovascular system; translations, surveys, and abstracts of foreign periodical literature]. Vop. pat. sered. -sos. sist. 5 no. 5 '56. 141 p.

CARGO see Ships

CARGO HANDLING

(see also subdivision under Khabarovsk; Moscow)

Development of mechanization of cargo handling in sea ports. A. Obermeister. Mor. flot 16 no. 6:10-12 Je '56.

Gripping device for stacking bricks without trays. M. I. Erpichev. Rech. transp. 15 no. 7:10 Jl '56.

CARNÉ, MARCEL, 1908-

Marcel Carné. A. Braginskii. Isk. kino no. 6:108-113 Je '56.

CARNIVAL see subdivision under Moscow

CARNOSINE

Data on the experimental studies of muscular distrophy. Part 2. Creatine and carnosine contents and activity of adenosinetriphosphatase and phosphopherase in muscle of rabbits. A.IA. Mestechkinn. Ukr. biokhim. zhur. 22 no. 2:166-175 '50.

CAROTENE

Chromatography of carotene pigments in medicinal muds. A. A. Mikhailovnina, S. A. Shapiro. Ukr. khim. zhur. 17 no. 1:50-58 '51.

Dynamics of the accumulation of carotene in some species of brome grass. A. B. Oganesian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:3-14 Jl '56.

Role of carotene in the growth of plants. S. I. Lebedev. Dop. AN URSR no. 2:71-77 '48.

CAROTENOIDS—SPECTRA

Polarization spectra of some naphthylamines and polyenes. N. D. Zhevandrov. Izv. AN SSSR. Ser. fiz. 20 no. 5:570-573 My '56.

CAROTID SINUS

Resuscitation of the organism following clinical death in dogs with a denervated carotid sinus. V. Serafimov, I. Popdimitrov. Biul. eksp. biol. med. 41 no. 6:6-10 Je '56.

CARP

Ecological conditions of pond carp culture in the Ukrainian S. S. R. P. S. Vovk. Trudy Inst. gidrobiol. AN URSR no. 32:125-148 '55.

Effect of low water temperatures on the wintering of young-of-the-year carp. I. M. Karpenko, V. M. Ivasyk, O. P. Kulakivs'ka, Nauk. zap. L'viv. nauk. pryrod. muz. AN URSR 4:97-107 '55.

Index of girth as a basic indicator of the conformation of carp. I. V. Kiselev. Ryb. khoz. 32 no. 6:78-80 Je '56.

Raising carp in Nikopol District, Dnepropetrovsk Province. N. P. IArmoshenko. Trudy Inst. gidrobiol. AN URSR no. 32:149-152 '55.

CARPATHIAN MOUNTAIN REGION—FLEAS

Aphaniptera of the Eastern Carpathians, V. I. IUrkina. Trudy Inst. zool. AN URSR 8:76-90 '52.

CARPATHIAN MOUNTAIN REGION—SLATE

Secondary modifications in menilitic slates of the Carpathian region. L. V. Linetskaia. Min. shor. no. 9: 289-293 '55.

CARPATHIAN MOUNTAIN REGION—SUGAR BEETS

High and stable yields can be obtained on soils in the Carpathian Mountain region. V. Nikolenko. Sakh. svekl. no. 5:11-14 Jl '56.

CARPATHIAN MOUNTAIN REGION—TICKS

The ticks of the Eastern Carpathians and Precarpathia. IE. M. IEmchuk. Trudy Inst. zool. AN URSR 8:54-75 '52.

CARPATHIAN MOUNTAINS

Development of the west Carpathian Mountains. Meczyslaw Klimaszewski. Priroda 45 no. 7:68-73 Jl '56.

CARPATHIAN MOUNTAINS—BEECH

Vegetative reproduction of European beech (Fagus silvatica L.) in the Carpathians. V. G. Kollshchuk. Nauk. zap. L'viv. nauk. pryrod. muz. AN URSR 4:129-138 '55.

CARPATHIAN MOUNTAINS—LAMELLIBRANCHIATA, FOSSIL

Inocerami of Albo-Cenomanian rocks in the Carpathians. S. P. Kotsiubyns'kyi. Nauk zap. L'viv. nauk. pryrod. muz. AN URSR 4:45-54 '55.

CARPATHIAN MOUNTAINS—MAMMALS

Vertical distribution of mammals in the Eastern Carpathians. K. A. Tatarinov. Nauk. zap. L'viv. nauk. pryrod. muz. AN URSR 4:80-91 '55.

CARPATHIAN MOUNTAINS—MINERAL WATERS

Minor elements in mineral waters of the southern slope of the Soviet Carpathians. A. IE. Babynets', N. I. Rad'ko. Geol. zhur. 16 no. 2:21-29 '56.

CARPATHIAN MOUNTAINS—PASTURES AND MEADOWS

Plants in Borzhava mountain pastures, their feeding value, and methods for their improvement. K. A. Malynova'kyi, V. M. Mel'nychuk. Nauk zap. L'viv. nauk. pryrod. muz. AN URSR 4:113-128 '55.

CARPATHIAN MOUNTAINS—SNAILS AS CARRIERS OF DISEASE

Galba truncatula Müll., a carrier of fasciolíasis in Alpine waters of the Carpathians. V. I. Zdun. Nauk. zap. L'viv. nauk. pryrod. muz. AN URSR 4:108-112 '55.

CARS (AUTOMOBILES) see Automobiles

CARTOGRAPHY

Baranskii, N. N. [Economic geography. Economic cartography] Ekonomicheskaia geografiia. Ekonomicheskaia kartografiia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 368 p.

Classification and designation of cartographic projects. A. A. Pavlov. Vest. Len. un. 11 no. 12:103-109 '56.

"Mathematical cartography in the U. S. S. R. Part 1. Outline history and reference data." G. A. Ginzburg, N. S. Karpov, T. D. Salmanova. Reviewed by A. A. Pavlov. Vest. Len. un. 11 no. 12:110-112 '56.

CARTRIDGES

Answers to the questions from readers. Okh. i okh. khoz. no. 7:03 Jl '56.

Cartridge belts for commercial hunters. I. L'vov. Okh. i okh. khoz. no. 7:38 Jl '56.

How to load cartridges oneself. Fizk. i sport 26 no. 8: 31 '56.

Improving the effectiveness of shotguns. IA. Malei. Okh. i okh. khoz. no. 7:37-38 Jl '56.

Testing closing plugs. S. Cherkai. Okh. i okh. khoz. no. 7:39-40 Jl '56.

CASE HARDENING see Cementation (Metallurgy)

CASPIAN SEA—MARINE FAUNA

New components of the fauna of the Caspian Sea [with English summary in insert]. A. K. Saenkova. Zool. zhur. 35 no. 5:676-679 My '56.

CAST IRON
(see also subdivision under Magnitogorsk)

Surface energy and the process of cast iron inoculation. V. IU. Vasyl'iev, V. S. Barzylovych. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 4:34-50 '54.

Wearing qualities of chain drives made of high-strength cast iron. O. N. Sokol. Nauch. trudy Inst. mash. i sel'-khoz. mekh. AN URSR 4:81-91 '54.

CAST IRON—HEAT TREATMENT see subdivision under Shadrinsk

CAST IRON—METALLOGRAPHY

Formation of a perlite edge in ferrite malleable cast iron. K. I. Vashchenko, N. A. Golovan'. Lit. proizv. no. 7: 14-19 Jl '56.

CAST IRON—METALLURGY

Decarburization annealing of sheet cast iron. E. G. Sumovskii. Metalloved. i obr. met. no. 7:10-15 Jl '56.

The Dnepropetrovsk Metallurgical Institute. A. D. Gottlib. Metallurg. no. 4:9 Ap '56.

Improved smelting of Bessemer pig iron. V. D. Kichko. Metallurg no. 3:25-28 Mr '56.

Oxygen blow in the bath during the open-hearth conversion of phosphorous cast iron. IA. A. Shneerov and others. Stal' 16 no. 7:587-595 Jl '56.

Shortcomings in the operation of the UZTM electric tapping gun. D. K. Benevolenskii. Metallurg no. 2:27-29 F '56.

Smelting foundry pig iron in MMK blast furnaces. I. I. Morev. Metallurg no. 5:7-9 My '56.

CAST IRON—TESTING

Correlation between the mechanical properties of commercial iron and preliminary strain. S. I. Gubkin, G. N. Mokhed. Stal' 16 no. 7:654-655 Jl '56.

CAST IRON—WELDING

Repair by electric welding of a cast-iron hammer cylinder. A. S. Astaf'ev. Stal' 16 no. 7:656-658 Jl '56.

CASTING see Founding; Steel castings

CASTOR-OIL PLANT

Diagnosis of the nonexpodability of the capsule of the castor plant Ricinus communis based on the morphology of buds. E. M. Shmargon'. Dop. AN URSR no. 1:63-66 '49.

CASTRATION

Castrating rams with Zand's forceps. A. V. Vertegelov. Veterinariia 33 no. 7:70 Jl '56.

New method for castrating full-grown rams. A. I. Bok. Ovtsevodstvo no. 7:40-41 Jl '56.

CASTRO, VIRGINIA

Virginia Castro. Sov. muz. 20 no. 7:106 Jl '56.

CATALASE

Effect of roentgen rays on catalase activity in rat tissue. G. V. Voskoboinikov. Med. rad. 1 no. 1:30-42 Ja-F '56.

CATALOGING
(see also subdivision under Novosibirsk)

Leningrad. Publichnaia biblioteka. [Rules for descriptive cataloging; a reader's manual] Osnovnye pravila opisaniia proizvedenii pechati; pamiatka chitateliu. Leningrad, 1956. 30 p.

CATALOGS—PRINTING

Akademiia nauk URSR, Kiev. Biblioteka. [Eighteen century books of the civilian press; catalog of books preserved in the State Public Library of the Ukraine] Knigi grazhdanskoi pechati XVIII veka; katalog knig, khraniashchikhsia v Gosudarstvennoi publichnoi biblioteke Ukrainskoi SSR. Sost. S. O. Petrov. Kiev, 1956. 300 p.

CATALOGS, BOOKSELLERS'

Academia, Moscow. [Prospectus of books for 1956] Prospekt knig na 1956 god. Moskva, 1956. 53 p.

[New Soviet books.] Sovetskie novye knigi Jl(2) '56.

CATALOGS, CARD

Experience in organizing a bibliographical card catalog. S. G. Livshits. Biblior. SSSR no. 4:62-67 '55.

CATALOGS, DICTIONARY

Let's complete the alphabetical catalogs. G. Shilina. Bibliotekar' no. 8:33-35 Ag '56.

CATALOGS, UNION

[Union list of new foreign books received by the largest libraries of the U. S. S. R. Series B: Social sciences.] Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v krupneishie biblioteki SSSR. Seriia B: Obshchestvennye nauki no. 1 '56.

CATALYSIS

Additional material on the theory of reactivity of catalysts in solution. Part 1. Intermediate products of catalysis by calcium and molybdenum (with English summary in insert). G. A. Bogdanov, T. I. Berkengeim, V. A. Scherbinin. Zhur. fiz. khim. 30 no. 4:889-895 Ap '56.

Bounded inhomogeneous surfaces of disperse systems. B. P. Bruns. Probl. kin. i kat. 7:436-451 '49.

Effect of macrokinetic factors on the selectivity of catalysts. V. A. Roiter, S. S. Gnukhanna. Dop. AN URSR no. 2:34-36 '49.

Physical and mathematical principles of the theory of active centers. N. I. Kobozev. Usp. khim. 25 no. 5: 545-631 My '56.

Statistical method in the theory of adsorption and catalysis. V. I. Levin. Probl. kin. i kat. 7:205-237 '49.

Using isotopes in catalysis (all-Union conference). O. V. Krylov. Vest. AN SSSR 26 no. 6:128-130 Je '56.

CATALYSIS, NICKEL

Irreversible liquid-phase catalysis of dipontene on Raney nickel. G. L. Dranishnikov. Zhur. ob. khim. 20 no. 5: 1300-1303 My '50.

CATALYSTS

Activity of Ni, Cr, and Zn oxides, sulfides, and selenides in the reduction of nitrobenzene and in the preferential hydrogenation of a diolefin into an olefin. A. M. Rubinshtein and others. Izv. AN SSSR. Otd. khim. nauk no. 5: 596-603 My '56.

Analysing products made by the synthesis of CO and $H_2$ using iron catalysts. E. M. Kheifets. Khim. i tekh. topl. no. 5:0-17 My '56.

Chemical nature and action of aluminum and chromium salt catalysts. L. I. Piguzova. Khim. i tekh. topl. no. 4:50-59 Ap '56.

Composition of products made by the synthesis of CO and $H_2$ using klozelgur catalysts. A. N. Bashkirov, S. M. Loktev, M. I. Kheifinskaia. Khim. i tekh. topl. no. 5:19-22 My '56.

Determination of the inhomogeneity of a surface from kinetic data. V. I. Levin. Probl. kin. i kat. 7:207-335 '49.

Determining the quantity of circulating catalysts in cracking processes using moving powdered catalysts. N. M. Indukov, M. I. Rustanov, G. M. Shteinshneider. Khim. i tekh. topl. no. 4"1-6 Ap '56.

Effect of the chemical characteristics and composition of cracking catalysts on their action stability. L. I. Piguzova. Khim. i tekh. topl. no. 6:43-54 Je '50.

Effect of the position of elements in Mendeleev's periodic system on the catalytic activity of binary compounds of metals from the second group with nonmetals. Part 1. Catalytic decomposition of isopropyl alcohol on alkaline earth oxides. O. V. Krylov, S. Z. Roginskii, E. A. Fokina. Izv. AN SSSR. Otd. khim. nauk no. 6:968-975 Je '56.

High-temperature carbon monoxide reduction of fused iron catalysts used in the synthesis of hydrocarbons from CO and $H_2$. A. N. Bashkirov, S. M. Loktev. Izv. AN SSSR. Otd. tekh. nauk no. 8:138-130 Ag '56.

Method of diaphragms for studying porous catalysts and kinetics of reactions occurring on them. V. A. Roiter and others. Dop. AN URSR no. 2:41-47 '49.

Methods for determining the stability of aluminum silicate spheroidal catalyst. A. A. Proshkin. Khim. i tekh. topl. no. 6:57-60 Je '50.

Relative activity of Ni, Zn, and Cr oxides, sulfides, and selenides in the catalytic decomposition of isopropyl alcohol. A. M. Rubinshtein, S. G. Kulikov, R. A. Zakharov. Izv. AN SSSR. Otd. khim. nauk no. 5:587-595 My '56.

Structural changes of a silica-gel catalyst during its poisoning. J. E. Neimark and others. Dop. AN URSR no. 5:27-32 '49.

Study of the synthesis of carbon monoxide and hydrogen using klezelhgur as a catalyst. A. N. Bashkirov, S. M. Loktev. Khim. i tekh. topl. no. 4:7-13 Ap '56.

Use of electron microscopy in the study of statistical characteristics of active solids. S. Z. Roginskii. Probl. kin. i kat. 7:72-88 '49.

CATALYSTS—ANALYSIS

Flame test for determining sodium and potassium in catalyst. S. N. Alekseandrov, IU. E. Shmuilakovskii, S. A. Alekseev. Khim. i tekh. topl. no. 4:68-72 Ap '56.

CATALYSTS, NICKEL

Use of the nickel catalyst in the Kizhner reaction for hydrazone degradation. N. I. Shuikin, I. E. Grushko, I. F. Bel'skii. Izv. AN SSSR. Otd. khim. nauk no. 5:622-624 My '56.

CATERPILLAR TRACTORS

Changes in front suspensions of KDP-35 tractors. I. Martynenko. MTS 16 no. 7:37 Jl '56.

Determining the undercarriage efficiency of caterpillar farm tractors. B. M. Seredenko. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 4:14-33 '54.

Experimental studies on the kinematics of driving wheel engagement in tractor caterpillar systems. H. V. Chepiżhin. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 4:61-68 '54.

CATERPILLAR TRACTORS—REPAIRING

Repairing links of tractor tracks by electric welding. V. N. Gukalov. Sel'khoz. Povol. no. 6:80-81 Je '56.

Repairing tractor support rollers. V. Skoplin. MTS 16 no. 7:36-37 Jl '56.

CATHEDRALS see subdivision under Zagorsk

CATHODE RAY TUBES

Cathodoluminescence of synthetic silicates and aluminates. P. P. Budnikov, M. I. Urkov. Dop. AN URSR no. 4:3-11 '40.

Energy distribution of photoelectrons in the internal photoelectric effect of antimony-cesium cathodes IU. K. Shalnatov, N. S. Maslennikova. Zhur. tekh. fiz. 26 no. 6:1166-1169 Je '56.

CATHOLIC CHURCH—RELATIONS—ORTHODOX EASTERN CHURCH

Polemical religious literature on relations to the Roman church in Byzantium, 13th-15th centuries. B. T. Gorianov. Viz. vrem. 8:132-142 '56.

CATHOLIC CHURCH (BYZANTINE RITE), UKRAINIAN—RELATIONS—ORTHODOX EASTERN CHURCH

Reply telegrams. Zhur. Mosk. Patr. no. 4:4 Ap '56.

Tenth anniversary of the reunion. Zhur. Mosk. Patr. no. 4:3-4 Ap '56.

CATIONS

Effect of cations of potassium, sodium, and calcium on the intensity of photosynthesis. N. P. Voskresenskaia. Trudy Inst. fiziol. rast. 6 no. 1:63-68 '48.

Use of paper chromatography for the detection of cation impurities in inorganic preparations. M. S. Ivanova. Trudy Kom. anal. khim. 7:77-83 '56.

CATS

How and Why? Pioner no. 8:26 Ag '56.

CATTAIL

Using cattails for tying grafts. V. F. D'iakonov. Sad i og. no. 7:63 Jl '56.

CATTLE

Valuable experience; a sketch. E. Rubtsova. Pioner no. 12:25-26 D '53.

CATTLE—DISEASES AND PESTS
(see also subdivision under Georgia, United States)

Control of ox warble fly of cattle. A. T. Kravets. Sovkhoz. proizv. no. 7:72-73 Jl '56.

Demodectic mange in cattle. D. K. Polikov. Veterinariia 33 no. 6:74-77 Ag '56.

Harboring parasites in cases of babesiasis in cattle and possibilities for discovering latent foci in the Polesye lowland. N. I. Dyl'ko. Vestsi AN BSSR Ser. biol. nav. no. 1:135-130 '56.

Treating malignant catarrhal fever in cows. N. P. Kolushov. Veterinariia 33 no. 7:69 Jl '56.

Variloid in milkmaids in connection with smallpox in cows. E. N. Shilakhov, A. G. Savicheva, A. IA. Khodorovskii. Zhur. mikrobiol. epid. i immun. 27 no. 7:85-86 Jl '56.

CATTLE—EXHIBITIONS see subdivision under Moscow

CATTLE—FEEDING AND FEEDING STUFFS

Kuz'min, I.G. [The fattening of cattle] Nagul skota. [Saratov] Saratovskoe obl. gos. izd-vo, 1952, 67 p. (DA)

Solntsev, K. M. [Stall and field-shelter system for the summer feeding of cattle] Letneo stoilovo-lagernoe soderzhanie skota. [Saratov] Saratovskoe kn-vo, 1954. 59 p. (DA)

CATTLE—TRANSPORTATION

Proper transportation of cattle and meat products by rail. V. P. Kuznetsov, Z. Z. Kats. Veterinariia 33 no. 8:8-10 Ag '56.

CATTLE BREEDING see subdivision under Netherlands

CATTLE RANGES see Stock ranges

CAUCASUS—EARTH TEMPERATURE

Geothermal conditions in the Caucasian mineral water region. F. A. Makarenko. Trudy Lab. gidrogeol. probl. 1:171-211 '40.

CAUCASUS—FORAMINIFERA, FOSSIL

Foraminifera of the upper Liassic deposits of the northwestern Caucasus. E. V. Mamontova. Vest. Len. un. 11 no. 12:20-30 '56.

CAUCASUS—GEOLOGY, STRATIGRAPHIC

Lower Cretaceous deposits of the Lyngorskyi Pass region (Lesser Caucasus). A. G. Khalilov. Trudy Azerb. ind. inst. no. 7:13-22 '54.

On the geology of Devonian deposits in the southeastern part of the Lesser Caucasus. Sh. A. Azizbekov. Trudy Azerb. ind. inst. no. 7:5-11 '54.

CAUCASUS—GEOLOGY, STRUCTURAL

Kadenskii, A. A. [Magmatic geology of the foremost mountain range of the northwestern Caucasus] Magmaticheskaia geologiia peredovogo khrebta Severo-Zapadnogo Kavkaza. Moskva, Izd-vo Akademii nauk SSSR, 1956. 201 p.

CAUCASUS—HEALTH RESORTS, WATERING PLACES, ETC.

[Mineral springs of the Caucasus; an album of views] Kavkazskie mineral'nye vody. Moskva, IZOGIZ, 1956. 76 p. [In Russian, English, French, and German.]

CAUCASUS—MINERAL WATERS

Geothermal conditions in the Caucasian mineral water region. F. A. Makarenko. Trudy Lab. gidrogeol. probl. 1:171-211 '40.

CAUCASUS—MOUNTAINEERING

In the mountains; notes of a mountain climber. I. Vietrov. Ukraina no. 14:30-31 Jl '56.

CAUCASUS—PARTRIDGES

Distribution of the Caucasian black partridge. P. F. Levitskii. Priroda 45 no. 7:116 Jl '56.

CAUCASUS—ROCKS, IGNEOUS

"Ultrabasites of the Greater Caucasus." N. D. Sobolev. Reviewed by A. A. Kadenskii, D. P. Serdiuchenko. Zap. Vsesoiuz. min. ob-va 85 no. 2:255-260 '56.

CAUCASUS—SEISMOMETRY

Distortions in seismic maps. E. F. Savarenskii. Izv. AN SSSR. Ser. geofiz. no. 7:745-754 Jl '56.

CAUCASUS—SHORE PROTECTION

Using flexible concrete mats in mountain rivers of the Caucasus. B. V. Pashchenko. Gidr. i mel. 8 no. 8: 29-32 Ag '56.

CAUCASUS, NORTHERN—AGRICULTURE

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954. ["Northern Caucasus" pavilion; a guidebook] Pavilion "Severnyi Kavkaz"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 31 p.

CAUCASUS, NORTHERN—CONGLOMERATE

Age of some conglomerate strata in the Northern Caucasus. K. V. Miklukho-Maklai. Mat. VSEGEI no. 6:127-130 '55.

CAUCASUS, NORTHERN—GEOLOGY, STRUCTURAL

Main tectonic features of northeastern Ciscaucasia on the basis of geophysical data. B. N. Viktorov, B. I. Iurchenko. Prikl. geofiz. no. 14:3-13 '56.

CAUCASUS, NORTHERN—LOESS

Age of loess strata in the Northern Caucasus. A. K. Larionov, V. P. Anan'ev. Dokl. AN SSSR 106 no. 2:309-312 My '56.

CAUCASUS, NORTHERN—PETROLEUM

Group composition of certain petroleum of the northeastern Caucasus and a new type of petroleum. A. I. Bogomolov, P. F. Andreev. Zhur. prikl. khim. 29 no. 6:957-960 Je '56.

CAUCASUS, NORTHERN—RIVERS

Formation of the river network in the Ciscaucasian plains. V. G. Chilovskoi. Trudy Inst. geog. 60:106-113 '56.

CAVE DRAWINGS see subdivision under Bostandykskiy District

CAVES see subdivision under Crimea

CAVITATION

Cavitation coefficient of hydraulic turbines as a function of the air content of water. L. S. Shmugliakov. Energomashinostroenie no. 5:11-14 My '56.

Cavitation in hydrodynamics. K. K. Shal'nev. Izv. AN SSSR. Otd. tekh. nauk no. 8:72-116 Ag '56.

Generalized cavitation characteristics for hydraulic turbines. G. F. Proskura. Sborn. trud. lab. prob. hydr. mash. 3:11-55 '53.

Investigation of the cavitation by electrical method. L. S. Shmugliakov. Sborn. trud. lab. prob. hydr. mash. 3: 112-120 '53.

Mechanism of cavitation erosion in surface films in an acoustic field. A. S. Bebchuk, L. O. Makarov, L. D. Rozenberg. Akust. zhur. 2 no. 2:113-117 Ap-Je '56.

CELL DIVISION (BIOLOGY)

Division of nerve cells in ganglia of Auerbach's plexus of the appendix in full-grown animals. Z. IA. Tkachenko. Fiziol. zhur. [Ukr.] 1 no. 2:130-133 Mr-Ap '55.

Effects of pain and its reactions on cell division in the corneal epithelium of mice. L. A. Utkin, L. P. Kozlchenko. Biul. eksp. biol. med. 41 no. 6:65-69 Je '56.

New submicroscopic cell structures revealed in the electron microscopy of ultrafine sections. G. M. Frank. Biofizika 1 no. 4:340-361 '56.

On the possibility of cell division in plants at temperatures below 0°. V. G. Grif. Dokl. AN SSSR 108 no. 4: 734-737 Je '56.

CELLS

In the Academy of Medical Sciences of the U. S. S. R. F. G. Krotkov. Voen.-med. zhur. no. 5:56-64 My '56.

CELLULOID

Experience in organizing rhythmic work according to a daily chart in a celluloid plant. Z. M. Tarusova, A. S. Inakov, A. A. Suchkov. Trudy LIEI no. 9:5-19 '55.

CELLULOSE

Chemical conversions of the cellulose macromolecule by oxidizers. Part 11. Causes of the chemical instability of cellulose oxidized by nitrogen dioxide. L. D. Kaverznova, S. A. Kist'. Izv. AN SSSR. Otd. khim. nauk no. 5:604-614 My '56.

Composition of hemicellulose and cellulose fractions of cottonseed coats. M. A. Ter-Karapetian, A. M. Ogand zhanian. Dokl. AN Arm. SSR 23 no. 5:209-211 '56.

Separation of cellulose from grain husk and its properties. M. S. Dudkin, N. G. Shkantova. Zhur. prikl. khim. 29 no. 6:923-926 Je '56.

Study of the configuration and properties of cellulose. Part 56. Study of the comparative reactivity of hydroxyl groups in cellulose. Distribution of methoxyl groups in partially methylated cellulose prepared in alkali. V. Derevitskaia, IU. Kozlova, Z. Rogovin. Zhur. ob. khim. 26 no. 6:1466-1471 My '56.

Thermal conversion of cellulose into an easily hydrolyzed state. V. I. Sharkov, O. A. Dobosh, N. G. Kochkina. Zhur. prikl. khim. 29 no. 6:927-929 Je '56.

CELLULOSE—SPECTRA

Spectrum analysis of the products and mechanism of the oxidation reaction of cellulose and nitrogen dioxide. M. M. Pavliuchenko, L. N. Krasnoluzko. Izv. AN SSSR Ser. fiz. 20 no. 5:546-551 My '56.

CEMENT

Cement-clay plugging solutions. G. B. Vatsel'. Trudy Nii gan. i fund. no. 17:93-101 '52.

Producing basalt cement and an investigation of its properties. P. P. Budnikov, Z. S. Kosyreva, I. P. Kuznetsova. Trudy MKHTI no. 21:155-161 '56.

Speeding up the process of autoclave hardening of cement products by introducing crystallic primers. IU. M. Butt. Trudy MKHTI no. 21:144-146 '56.

Study of the effect of strong stabilization on the properties of cement and concrete. B. D. Tsitsker. Zhur. prikl. khim. 29 no. 6:858-863 Je '56.

Toropov, N. A. [Cement chemistry] Khimiia tsementa. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 270 p.

CEMENT—ANALYSIS

High-speed determination of the quantity of gypsum in cement by the cation-exchange method. I. V. Bogdanova. TSement 23 no. 2:37-38 Mr-Ap '56.

High-speed method for determining the amount of hydraulic admixture and gypsum in cement on the basis of one batch. T. I. Matorov, V. A. Ermakova. TSement 23 no. 2:29-30 Mr-Ap '56.

CEMENT—TESTING

Apparatus for making cement paste. S. S. Ogandzhanova, A. M. Petrenko. TSement 23 no. 2:31 Mr-Ap '56.

Resistance to abrasion in hydraulic concretes. V. N. IUng and others. Trudy MKHTI no. 21:147-154 '56

CEMENT—TRANSPORTATION

Experience with introducing mechanized unloading of cement. B. V. Ivanov. Mekh. stroi. 13 no. 7:24-26 Jl '56.

CEMENT INDUSTRIES
(see also subdivision under France; Krivoy Rog, Tatung China)

Speediest fulfillment of directives given by the 20th Congress of the Communist Party of the Soviet Union. TSement 23 no. 2:1-3 Mr-Ap '56.

Types of electric motors used as drive for the main equipment at cement mills. N. S. Irinarkhov. TSement 23 no. 2:15-16 Mr-Ap '56.

CEMENT INDUSTRIES—BIBLIOGRAPHY see Bibliography—Cement industries

CEMENT INDUSTRIES—EQUIPMENT AND SUPPLIES

New technological equipment for cement mills. K. V. Nikulin, IU. S. Lur'e. TSement 23 no. 2:4-11 Mr-Ap '56.

CEMENTATION (METALLURGY)

High-temperature gas cementation of steels. G. M. Sisoval, L. S. Lupakov, I. A. Fel'dman. Metalloved. i obr. met. no. 6:46-52 Je '56.

Nitriding titanium in ammonia gas. A. N. Minkevich, A. B. Talmen, IU. A. Zav'iev. Metalloved. i obr. met. no. 7:39-48 Jl '56.

Study of tempering processes in the iron-nitrogen system. V. G. Permiakov. Metalloved. i obr. met. no. 7:2-9 Jl '56.

CENSUS see subdivision under China

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRIFUGES
Advanced methods for operating PS-1200 self-unloading centrifugals in centrifuging massecuites for the first crystallization. B. N. Tereshin. Sakh. prom. 30 no. 5:21-24 My '56.
Reaction centrifuge for purifying lubricating oil in D-54 engines. IU. Kosichenko. MTS 16 no. 5:39-41 My '56.
Selecting the weight of the shoe for the centrifugal coupling of the drive of the centrifuge. K. A. Bortnovskii. Sakh. prom. 30 no. 5:17-21 My '56.

CERAMIC INDUSTRIES see subdivision under Great Britain, Ukraine

CERAMIC INDUSTRIES—EQUIPMENT AND SUPPLIES
Shaping attachments of a conveyer-belt press. P. P. Rost, V. S. Fadeeva. Stek. i ker. 13 no. 7:19-23 Jl '56.

CERAMIC MATERIALS
Clinkering aluminum oxide with talc and titanium dioxide additives and the properties of sintered clayware body. I. A. Belavin, I. A. Zakharov. Trudy MKHTI no. 21:86-93 '56.

CERAMIC MATERIALS—TESTING
Methods of determining bending strength of ceramic materials. D. N. Poluboiarinov, G. N. Volosevich. Trudy MKHTI no. 21:80-85 '56.

CEREBELLUM
Effect of X-ray irradiations of the cerebellar region on conditioned reflex activity in dogs. N.N.Livshits. Trudy Inst. biol. fiz. no. 1:50-62 '55.

CEREBRAL CORTEX
Analysis of bioelectric phenomena produced in the cerebral cortex by direct electric stimulation. A. I. Roitbak. Uch. zap. Len. un. no. 170:256-272 '54.
Conditioned reflex activity in dogs as affected by continuous ionizing irradiation of the head. N. N. Livshits. Biofizika 1 no. 3:221-231 '56.
Considerations on Penfield's hypothesis of the interrelations between the cerebral cortex and subcortex in the mechanism of memory. G. A. Vasil'ev. Zhur. nevr. i psikh. 56 no. 7:567-591 '56.
Disorders in the higher nervous activity in experimental renal hypertension. M. I. Hurovych. Fiziol. zhur. [Ukr.] 1 no. 2:62-71 Mr-Ap '55.
Effect of functional disorders in the cerebral cortex on the development of senilism. IE. D. Ilenis. Fiziol. zhur. [Ukr.] 1 no. 3:7-16 My-Je '55.
Experimental data on the reflex regulation of the tonus of the eye. M. M. Zniko, S. M. Mints. Fiziol. zhur. [Ukr.] 1 no. 2:70-85 Mr-Ap '55.
In vivo investigation of the physicochemical properties of the cerebral cortex in various functional states. N.A. Aladzhalova. Trudy Inst. biol. fiz. no. 1:14-20 '55.
New data on the cortical "switching" in pups and adult dogs in connection with various injuries to tracts of the spinal cord. T. G. Urgandzhian. Dokl. AN Arm. SSR 22 no. 5:227-233 '56.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBRAL LOCALIZATION see Brain—Localization of functions

CERESIN
Cleaning insulators. O. N. Grushvitskaia. Elek. sta. 27 no. 6:61 Je '56.

CERIUM
Gravimetric determination of cerium by the periodate method. G. P. Aleksandrov, V. S. Tikhonova. Ukr. khim. zhur. 22 no. 3:379-382 '56.
Volumetric determination of trivalent cerium with the aid of tartrates. V. V. Oshcapovskii. Ukr. khim. zhur. 22 no. 3:383-386 '56.

CESTODA
(see also subdivision under Dniester River; Kaliningrad Province)
Fixation of cestodes in the intestines of vertebrates. R. S. Chebotar'ov. Trudy Inst. zool. AN URSR 3:36-42 '52.

CHABUKIANI, VAKHTANG MIKHAILOVICH, 1910-
An interesting book on an important subject ("Vakhtang Chabukiani." V. M. Krasovskaia. Reviewed by B. Fenster). Neva no. 8:179-180 Ag '56.

CHAIKOVSKII, PETR IL'ICH, 1840-1893
Remarks on an edition of Chaikovskii's "Variations on a rococo theme." Sov. muz. 20 no. 7:150-152 Jl '56.

CHALCOPYRITE
Investigating the adhesion stability of xanthogenates on the surfaces of chalcopyrite grains. I. N. Plaksin, V. I. Tiurnikova. Izv. AN SSSR. Otd. tekh. nauk no. 8: 140-142 Ag '56.

CHALTYR—RED CROSS
Cooperation. S. Lazarev. Sov. kras. krest 6 no. 3:9-10 My-Je '56.

CHAMPAGNE (WINE)
Determining the sugar content in sweetening liqueurs. V. K. Fertman. Vin. SSSR 16 no. 4:19-21 '56.

CHANDAR, KRISHAN
A story by Krishan Chanar ("Selected works." Krishan Chandar. Translated from the Urdu. Reviewed by L. Simonian). Novyi mir 32 no. 7:261-263 Jl '56.

CHAPAEV IN LITERATURE AND ART
Portrayal of a national hero. B. Babochkin. Belarus' 13 no. 8:26-27 Ag '56.

CHAPAYEVKA—SPORTS
If you see a geranium on the window sill. Mikh. Andronnikov. Sov. zhen. 12 no. 8:14-20 Ag '56.

CHARDZHOU PROVINCE—TICKS
On the distribution of ixodid ticks in Chardzhou Province [with English summary in insert]. Z. M. Zhmaeva, K. P. Vorobiev, V. A. Arkhipova. Zool. zhur. 35 no. 5:700-704 My '56.

CHARNYSHEVICH, ARKADZ'.
In the struggle against remnants of old times ("Neighbors." Arkadz' Charnyshevich. Reviewed by S. Mikhol'chuk). Rab. i sial. 32 no. 6:11 Je '56.

CHASTUSHKI
(see also subdivision under Uzbekistan)
[Chastushki of farm youth] Chastushki kolkhoznoi molodezhi. [Omsk] Omskoe obl. kn-vo, 1956. 77 p.

CHECKERS
Checkers. Ogonek 25 no. 46:32 N '47.
Checkers. Ogonek 25 no. 52:32 D '47.
Results of the problem contest. A. Kulichikhin. Shakh. v SSSR 33 no. 7:220 Jl '56.

CHECKERS—TOURNAMENTS see subdivision under Moscow, Ukraine

CHEKHOV, ANTON PAVLOVICH, 1860-1904
A watermelon but not a watermelon... A. I. Novyi mir 32 no. 7:283 Jl '56.

CHEKHOV, NIKOLAI PAVLOVICH, 1858-1889
Painter Nikolai Chekhov. N. Podorol'skii. Ogonek 34 no. 34:20 Ag '56.

CHEKHOV, ANTON PAVLOVICH, 1860-1904—BIBLIOGRAPHY see Bibliography—Chekhov, Anton Pavlovich, 1860-1904

CHEKLIN, NIKOLAI IVANOVICH, d. 1956
N. I. Cheklin; obituary. Vnesh. torg. 20 no. 6:30a Je '56.

CHELATES
Sulfanilamide chelate compounds. TS. I. Shakh. Ukr. khim. zhur. 22 no. 3:336-340 '56.

CHELKAR-IRGIZ REGION—STOCK AND STOCKBREEDING
Specialization and the distribution of stock raising in the Chelkar-Irgiz region. A. F. Chernysheva. Izv. Vses. geog. ob-va 88 no. 3:262-270 My-Je '56.

CHELYABINSK—BLAST FURNACES
Technology of screening iron ores in blast-furnace plants. V. I. Markin, A. K. Shaposhnikov. Metallurg no. 6:12-14 Je '56.

CHELYABINSK—MACHINERY—DESIGN
Assistance to designers. A. A. Solnikov. Standartizatsiia no. 3:69-71 My-Je '56.

CHELYABINSK—OPEN-HEARTH PROCESS
Open-hearth furnace practices at the Chelyabinsk and Transcaucasian Metallurgical Plants. M. M. Privalov. Metallurg no. 1:22-24 Ja '56.

CHELYABINSK—ROLLING MILLS
Conducting courses on advanced techniques at the plant. N. I. Loi. Metallurg no. 6:37-38 Je '56.

CHELYABINSK—TECHNICAL EDUCATION
Industrial training of students in an electrode-wire plant. A. R. Gakson. Khim. v shkole 11 no. 4:62-65 Jl '56.

CHELYABINSK—TRACTOR INDUSTRY
Why do they do it that way? P. Popelenskii. Part. zhizn' no. 12:69-70 Je '56.

CHELYABINSK BASIN—COAL MINES AND MINING
Friendly group. V. Kichigin. Mast. ugl. 5 no. 7:10 Jl '56.

CHELYABINSK BASIN—MINE RAILROADS
Dumping device for the repair of mine cars. N. Shadskaia. Mast. ugl. 5 no. 7:20-21 Jl '56.

CHEMICAL BONDS
Nature of the intramolecular hydrogen bond. D. N. Shigorin and others. Dokl. AN SSSR 108 no. 4:672-675 Je '56.

CHEMICAL DENUDATION see subdivision under Oka Valley, Volga Valley

CHEMICAL ELEMENTS
New chemical elements. V. Gol'danskii. Oktiabr' 33 no. 6:140-143 Je '56.
Use of the concealment of ions in simultaneous polarographic determination of elements with coinciding reduction potentials. F. K. Baev, P. N. Kovalenko. Trudy Kom. anal. khim. 7:119-135 '56.

CHEMICAL GEOLOGY see Geochemistry

CHEMICAL INDUSTRIES
("The economics of the socialist chemical industry." N. N. Kolmykov, S. A. Vaishein. Reviewed by N. Vaisberg and others). Vop. ekon. no. 7:150-153 Jl '56.

CHEMICAL INDUSTRIES—PRODUCTION STANDARDS
Valuable books on the establishment of work norms and the organization of wages in the chemical industry ("Technical norms in the chemical industry," and "The economics and organization of chemical production." S. Pegostin. Reviewed by A. Leoshkin). Sots. trud. no. 6:118-122 Je '56.

CHEMICAL REACTION, RATE OF
Reply to B. V. Erofeev's remarks on the paper "Kinetics and mechanism of heterogeneous chemical reactions with the participation of solids." M. M. Pavliuchenko. Zhur. fiz. khim. 30 no. 5:1169-1172 My '56.
Theory of degenerate branching chains. Part I. Kinetic equations of reactions with degenerate chain branching (with English summary in insert). N. S. Enikolopian. Zhur. fiz. khim. 30 no. 4:769-783 Ap '56.

CHEMICAL REACTIONS
Competitive reactions proceeding with the participation of isomeric active particles. V. V. Voevodskii, M. I. Kabachnik. Zhur. fiz. khim. 30 no. 4:945-948 Ap '56.
N. N. Semenov and the contemporary doctrine of the chemical process. V. V. Voevodskii, N. M. Chirkov. Khim. nauka i prom. 1 no. 2:224-227 '56.
Regularity of chemical reactions in the "boiling" layer. K. P. Lavrovskii, A. L. Rozental'. Khim. i tekh. topl. no. 2:27-30 F '56.
Some problems in the study of chain reactions (problems of initiation). N. N. Semenov. Vest. AN SSSR 26 no. 7: 3-15 Jl '56.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL STRUCTURE
Distribution of the $\pi$-electron densities and interatomic distances. Report no. 3. Confirmation of the hypotheses. G. V. Bykov. Izv. AN SSSR. Otd. khim. nauk no. 5:531-537 My '56.

CHEMICAL TESTS AND REAGENTS
Efficient carbon-alkaline reagent (USHCHR). M. M. Gurvich. Izv. AN Azerb. SSR no. 3:43-55 Mr '56.

CHEMISTRY
[Chemistry and chemical technology; translations from foreign periodical literature]. Khimiia i khimicheskaia tekhnologiia 7 no. 8 '56. 203 p.
[Chemistry and chemical technology; translations from foreign periodical literature]. Khimiia i khimicheskaia tekhnologiia 7 no. 9 '56. 200 p.
[Chemistry and chemical technology; translations from foreign periodical literature]. Khimiia i khimicheskaia tekhnologiia 7 no. 10 '56. 161 p.
In the Department of Chemical Sciences (general assembly). L. I. Potkov. Vest. AN SSSR 26 no. 6:122-123 Je '56.
In the Department of Chemical Sciences (reports on important problems in chemistry). Vest. AN SSSR 26 no. 7:71-73 Jl '56.
News in science and technology. Khim. nauka i prom. 1 no. 3:352-359 '56.
V. V. Markovnikov's scientific legacy ("Selected works." V. V. Markovnikov. Reviewed by V. V. Razumovskii). Vest. AN SSSR 26 no. 6:130-133 Ag '56.
Vasiuchenko, S.I. [Chemistry for technical schools] Khimiia; dlia tekhnikumov. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 302 p.
Ways of developing chemical science in the sixth five-year plan. M. M. Dubinin. Khim. nauka i prom. 1 no. 2: 122-124 '56.

CHEMISTRY—ABSTRACTS
News in science and technology. Khim. nauka i prom. 1 no. 2:232-236 '56.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES
(see also subdivision under Hungary)
Annual meeting of the Department of Chemistry of the Academy of Sciences of the U.S.S.R. Izv. AN SSSR. Otd. khim. nauk no. 6:749-752 Je '56.
In the Department of Chemical Sciences; reports on trips abroad. Vest. AN SSSR 26 no. 6:93-98 Ag '56.
Scientific conferences and conventions. Khim. nauka i prom. 1 no. 2:238 '56.

CHEMISTRY—NOMENCLATURE

Committee for the nomenclature of chemical compounds at the Department of Chemistry of the Academy of Sciences of the U.S.S.R. Usp. khim. 25 no.5:662-664 My '56.

Committee on chemical compound nomenclature at the Department of Chemistry of the Academy of Sciences of the U.S.S.R. Ukr.khim.zhur. 22 no.3:411-413 '56.

Committee on nomenclature of chemical compounds of the Department of Chemical Sciences of the Academy of Sciences of the U.S.S.R. Khim.v shkole 11 no.4:79-80 Jl '56.

From the Committee on the nomenclature of chemical compounds at the Department of Chemistry of the Academy of Sciences of the U.S.S.R. Koll.zhur. 18 no.3: 383-384 My-Je '56.

CHEMISTRY—PERIODICALS

Accepted abbreviations for titles of journals. Ukr.khim. zhur. 17 no.2:292-293 '51.

CHEMISTRY—STUDY AND TEACHING
(see also subdivision under Moscow)

Controlled experiments in secondary school chemistry as a means of testing knowledge and skills. A.P. Khar'iu. Uch.zap.Ped.inst.Gerts. 119:115-134 '56.

Dispense with the pedantic in chemistry laboratory work. T.F.Gorb. Vest.vys.shkoly 14 no.8:61 Ag '56.

Experiments with honey and beeswax conducted in school chemical club. A.I.Styshnov. Khim.v shkole 11 no.4:59-61 Jl '56.

Improve the secondary school program in chemistry. O.H.Makohon. Rad.shk. 35 no.7:56 Jl '56.

Letters from readers. Khim.v shkole 11 no.4:69-74 Jl '56.

Polytechnical training in the teaching of chemistry. O.I. Sukhanova. Khim.v shkole 11 no.4:67-68 Jl '56.

Reference book for the teacher and the student ["Reader on chemistry" Part 1. K.IA. Parmenov and L.M.Smorgonskii. Reviewed by P.V.Sushkov]. Khim.v shkole 11 no.4:75-76 Jl '56.

Using topics on the 20th Congress of the Communist Party of the Soviet Union in teaching chemistry. S.D. Davydov. Khim.v shkole 11 no.4:26-36 Jl '56.

CHEMISTRY, AGRICULTURAL see Agricultural chemistry

CHEMISTRY, ANALYTICAL

Certain debatable problems in the teaching of analytical chemistry. IU.V.Morachevskii. Vest.Len.un. 11 no.10:75-86 '56.

Nadeinskii, B.P. [Theoretical foundations and calculations in analytical chemistry] Teoreticheskie obosnovaniia i raschety v analiticheskoi khimii. Izd.2-oe, perer. i dop. Moskva, Gos.izd-vo "Sovetskaia nauka," 1956. 446 p.

Sensitivity of the determination of trace quantities of elements. Comparison of the activation analysis with other methods. W.W.Meinke [Translated from Science, 121, no.3137, 177-184 (1955) by N.G.Polianskii]. Usp.khim. 25 no.6:770-780 Je '56.

Use of basic dyes from the diaminotriphenylmethane series for the detection of very small amounts of antimony, gold, and thallium. L.N.Lapin, V.O.Gein. Trudy Kom.anal.khim. 7:217-222 '56.

Works of N.N.Efremov on the physicochemical analysis of organic substances. G.B.Ravich. Izv.Sekt.fiz.-khim.anal. 27:15-22 '56.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Emulsion method for the determination of fats in the food. V.P.Fedotov. Vop.pit. 15 no.4:51-52 Jl-Ag '56.

Method for the volumetric determination of analgin. M.E.Shub, N.A.Kobzareva. Apt.delo 5 no.4:46-49 Jl-Ag '56.

Quantitative determination of alkaloids in the leaves of Himalayan scopolia. E.S.Gritsaeva, A.S.Prozorovskii. Apt.delo 5 no.4:25-29 Jl-Ag '56.

Quantitative determination of bigumal. M.I.Pechenyi. Apt.delo 5 no.4:41-42 Jl-Ag '56.

Quantitative determination of corrosive sublimate and sodium chloride when present simultaneously. A.A. Medvedovskii. Apt.delo 5 no.4:44-48 Jl-Ag '56.

Quantitative determination of synthomycin and levomycetin in preparations and medicinal compounds. G.A. Vaisman, M.D.Kislaia. Apt.delo 5 no.4:19-25 Jl-Ag '56.

CHEMISTRY, BIOLOGICAL see Biochemistry

CHEMISTRY, INORGANIC

Fundamental principles of scientific-research work in inorganic chemistry. IA.A.Fialkov. Ukr.khim.zhur. 22 no.3:277-286 '56.

CHEMISTRY, LEGAL

Fourth group in the project of advanced training for forensic chemists at the Moscow Pharmaceutical Institute. A.P.Khodasevich. Apt.delo 5 no.4:37-38 Jl-Ag '56.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL
(see also subdivision under Tashkent)

"Problems in medical chemistry." Reviewed by H.I. Sylakova. Ukr.biokhim.zhur. 28 no.2:245-247 '56.

Study of aqueous solutions of antipyrine, pyramidone, and analgine from their surface tensions. M.A.Etinger, M.S.Baron. Ukr.khim.zhur. 17 no.5:781-785 '51.

CHEMISTRY, METALLURGIC

Interaction equilibria of cobalt, nickel and copper chlorides with oxygen. V.I.Smirnov, A.I.Tikhonov. Izv.AN SSSR.Otd.tekh.nauk no.9:48-54 S '56.

Kinetics of the reduction of metal oxides. S.I.Filippov. Sbor.Inst.stali no.31:5-13 '53.

Methodology of removing and analyzing nonmetallic inclusions in molten steel. I.I.Ansheles. Sbor.Inst. stali no.31:60-78 '53.

CHEMISTRY, MINERALOGICAL see Mineralogical chemistry

CHEMISTRY, ORGANIC

A.M.Butlerov's theory of the structure of organic compounds. Z.M.Barysheva, E.S.Rynkevich, F.M.Lineikina. Trudy LIEI no.9:140-148 '55.

Effect of active nitrogen on organic substances. Part 1. P.M.Aronovich, B.M.Mikhailov. Izv.AN SSSR.Otd. khim.nauk no.5:544-549 My '56.

Viscosity, density, and binding energy of molecules in certain binary systems. A.P.Toropov. Zhur.ob.khim. 26 no.5:1285-1288 My '56.

CHEMISTRY, ORGANIC—SYNTHESIS

Catalytic action of certain silicate minerals in the synthesis of carbon monoxide and hydrogen oxide. A.N.Bashkirov and others. Khim.i tekh.topl. no.3:38-42 Mr '56.

CHEMISTRY, PHOTOGRAPHIC see Photographic chemistry

CHEMISTRY, PHYSICAL AND THEORETICAL

Beketov, N.N. [Selected papers on physical chemistry] Izbrannye proizvedeniia po fizicheskoi khimii. Pod red.i so vstup.stat'ei N.A.Izmailova. Khar'kov, Izd-vo Khar'kovskogo gos.univ.im.A.M.Gor'kogo, 1955. 274 p.

Nature of the chemical form of the movement of matter. V.A.Shtoff. Vest.Len.un. 11 no.11:68-80 '56.

CHEMISTRY, PHYSIOLOGICAL see Physiological chemistry

CHEMISTRY, SURFACE see Surface chemistry

CHEMISTRY, TECHNICAL
(see also subdivision under Kirghizistan)

[Chemistry and chemical technology; translations from foreign periodical literature]. Khimiia i khimicheskaia tekhnologiia 7 no.8 '56, 203 p.

[Chemistry and chemical technology; translations from foreign periodical literature]. Khimiia i khimicheskaia tekhnologiia 7 no.9 '56, 200 p.

[Chemistry and chemical technology; translations from foreign periodical literature]. Khimiia i khimicheskaia tekhnologiia 7 no.10 '56, 181 p.

"Chemistry in the national economy at the U.S.S.R." N.N.Nekrasov. Reviewed by S.Pervushin. Plan.khoz. no.3:87-91 '56.

Development of industrial organic synthesis. V.P.Bibishev. Khim.nauka i prom. 1 no.3:242-247 '56.

CHEREMKHOVO—THEATER

The theater of a small city. An.Grebnev. Teatr 17 no.7:110-116 Jl '56.

CHEREMKHOVO BASIN—COAL MINING MACHINERY

The VPM-1 cutter-loader in a development stope. L.Danilenko. Mast.ugl. 5 no.7:14-16 Jl '56.

CHEREMKHOVO BASIN—STRIP MINING

Excavator mechanic. Boris Remezov. Mast.ugl. 5 no.7:27 Jl '56.

CHEREMUSHNY—TOMBS

Kurgans near the village of Cheremushny. P.D.Liberov Krat.soob.IIMK no.63:98-102 '56.

CHEREPOVETS—METALLURGICAL PLANTS

Great changes in a small town. S.Fridtland. Sov.mor. no.5:8-8b Mr '56.

CHEREPOVETS—SOCIAL CONDITIONS

They are building communism; a report. B.Malishevskii, V.Skugorov, I.Chekhov. Klub 9 no.5:2-8 My '56.

CHEREPOVETS—STEEL INDUSTRY

Birth of a giant. G.Metel'skii. Zvezda no.9:114-123 S '56.

CHERIKOVSKIY DISTRICT—WALL NEWSPAPERS

Wall newspaper and its editors. N.Sekushenko. Kul't.-pros.rab. 17 no.8:18 Ag '56.

CHERKASSY—LIBRARIES

Methodological work in the library. M.Bulyhin. Sots. kul't. 10 no.8:32-33 Ag '56.

CHERKASSY—MUSIC—INSTRUCTION AND STUDY

Accordion. N.Golyshev. Mol.kolkh. 23 no.6:20 Je '56.

CHERKASSY—NEWSPAPER AND PERIODICAL CIRCULATION

Problems which must be solved. M.Shpilevoi. Pomper. pech. no.8:20 Ag '56.

CHERKASSY PROVINCE—RECLAMATION OF LAND

We are extending the acreage of drained lands. IA.H. Balakshii. Mekh.sil'.hosp. 7 no.6:7-8 Je '56.

CHERKESS A.S.S.R.—RUSSIAN LANGUAGE—STUDY AND TEACHING

Teaching the phonetics of Russian in Kabardian-speaking schools. M.Kumakhov. Rus.iaz.v shkole 17 no.3:89-92 My-Je '56.

CHERNIAVSKII, SERGEI PAVLOVICH

Honorary miner. Mast.ugl. 5 no.7:27 Jl '56.

CHERNIGOV—LANTERN PROJECTION

Communist Youth League newsreel. N.Lebanov. Mol. komm. 14 no.7:79-80 Jl '56.

CHERNIGOV—TEXTILE INDUSTRY

The Polesye Ivanovo. Mykola Romanika. Ukraina no.11:9 Je '56.

CHERNIGOV DISTRICT—STOCK AND STOCKBREEDING

Installation of windmills on stockbreeding farms. H.D. Haryha. Mekh.sil'.hosp. 7 no.9:26-27 S '56.

CHERNIGOV DISTRICT—WINDMILLS

Installation of windmills on stockbreeding farms. H.D. Haryha. Mekh.sil'.hosp. 7 no.9:26-27 S '56.

CHERNIGOV PROVINCE—WEED CONTROL

Using herbicides on the collective farms of Chernigov Province. O.Stoichev. Kolkh.proizv. 16 no.5:39 My '56.

CHERNOGORSK—MINING ENGINEERING—STUDY AND TEACHING

The Chernogorsk school of mining. Mast.ugl. 5 no.7: 26 Jl '56.

CHERNOVTSY PROVINCE—AERONAUTICS—RELIEF SERVICE

Medical aviation station. M.Donigevich. Grazhd.av. 13 no.5:30 My '56.

CHERNOVTSY PROVINCE—ARTISTS

Artists of Bucovina. H.Leichenko. Ukraina no.11:24 Je '56.

CHERNOZEM SOILS

Carbonate formations in soils and soil-forming rocks of the central Chernozem region [with German summary in insert]. V.V.Dobrovol'skii. Pochvovedenie no.5:31-42 My '56.

Effect of arborescent plants on the structure of Chernozem soils. P.P.Pokhilko. Dop.AN URSR no.6:409-411 '54.

Fundamental problems concerning the system of agriculture in the central Chernozem zone. V.P.Balko, P.F.Kotov, I.A.Skachkov. Zemledelie 4 no.7:14-24 Jl '56.

CHERNUKHA—ZOOLOGICAL MUSEUMS

Village museum. S.Trofimov. Okh.i okh.khoz. no.7: 13-14 Jl '56.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

N.G.Chernyshevskii on satire. Aziz Mirakhmedov. Izv.AN Azerb.SSR no.3:109-116 Mr '56.

CHERRY

Chlorophyll concentration in the chloroplasts of sweet cherry leaves as affected by the light regime. T.N. Godnev, N.S.Sudnik. Fiziol.rast. 3 no.4:352-354 Jl-Ag '56.

Vegetative variation in cherries. V.IA.Mastov. Sad.vin.Mold. 11 no.3:23-25 My-Je '56.

CHERSONESE—ANTIQUITIES

Old discoveries from Chersonese in the light of new data. A.B.Bank. Viz.vrem. 9:186-192 '56.

CHESS
(see also subdivision under Finland; Kirghizistan; Moldavia; Rostov-on-Don; Yugoslavia)

Chess. Kul't.-pros.rab. 17 no.7:62 Jl '56.

Chess. Kul't.-pros.rab. 17 no.8:62 Ag '56.

Chess. Pionerita 33 no.7:32 Jl '56.

Chess. Zmina no.5:24 My '56.

Chess and checkers. Sots.kul't. 9 no.6:46-47 Je '56.

Chess tournament of "Smena." Smena 33 no.12:24 Je '56.

For mass participation and mastery. Shakh.v SSSR 33 no.8:225-226 Ag '56.

Games and endings. Shakh.v SSSR 33 no.6:166-170 Je '56.

CHESS (Continued)

Hygiene of the chess player. V. Rozenblat. Shakh. v SSSR 33 no. 6:240-241 Ag '56.

Improve the quality of reference materials. G. Geller. Shakh. v SSSR 33 no. 6:182-183 Je '56.

Interesting collection ("Chess during 1954; a collection." L. Abramov. Reviewed by IA. Rokhlin). Shakh. v SSSR 33 no. 7:218-219 Jl '56.

Is an automatic chess player machine possible? V. Smilga. Shakh. v SSSR 33 no. 6:176-177 Je '56.

"Smena" chess Olympiad. Smena 33 no. 14:22-23 Jl '56.

Variant of Krasnodar's chess players. L. Radchenko. Shakh. v SSSR 33 no. 6:173 Je '56.

CHESS—BIBLIOGRAPHY see Bibliography—Chess

CHESS—END GAMES

Games and endings. Shakh. v SSSR 33 no. 7:201-207 Jl '56.

Games and endings. Shakh. v SSSR 33 no. 8:233-238 Ag '56.

CHESS—MIDDLE GAMES

Games and endings. Shakh. v SSSR 33 no. 7:201-207 Jl '56.

Games and endings. Shakh. v SSSR 33 no. 8:233-238 Ag '56.

CHESS—OPENINGS

Openings in the Amsterdam tournament. T. Petrosian. Shakh. v SSSR 33 no. 8:229-232 Ag '56.

What opening to choose? I. Lypnyts'kyi. Ukraina no. 13:32 Jl '56.

CHESS—STUDY AND TEACHING

Courses for teachers and trainers. E. Uzun. Shakh. v SSSR 33 no. 6:178 Je '56.

CHESS—TOURNAMENTS
(see also subdivision under Amsterdam; Azerbaijan; Dresden; Erivan; Finland; Georgia, Hamburg, Iceland; Kaunas; Latvia; Leningrad; Moscow, Norway; Ukraine; Uppsala, Sweden; Yugoslavia)

All-Union competitions. A. Vinderman. Shakh. v SSSR 33 no. 6:186 Je '56.

And now - Smyslov and Botvinnik. I. Lypnyts'kyi. Ukraina no. 11:31 Je '56.

Brief news. Shakh. v SSSR 33 no. 7:221 Jl '56.

Brief news. Shakh. v SSSR 33 no. 8:240 Ag '56.

Chess. Sov. zhen. 12 no. 8:48 Ag '56.

Competition for the world championship. Shakh. v SSSR 33 no. 6:181 Je '56.

Competition of etudes for the first half of 1955. Shakh. v SSSR 33 no. 6:189-190 Je '56.

Correspondence tournaments. Shakh. v SSSR 33 no. 7:215 Jl '56.

Correspondence tournaments. Shakh. v SSSR 33 no. 8:239 Ag '56.

Five hundred tournaments. IA. Eventov. Shakh. v SSSR 33 no. 8:239 Ag '56.

The international chess tournament of Slavic countries has been concluded. Ogonek 25 no. 52:12 D '47.

Swiss method of conducting competitions. B. Vainshtein. Shakh. v SSSR 33 no. 6:174-175 Je '56.

Tournaments by correspondence. Shakh. v SSSR 33 no. 6:184 Je '56.

Victory of the Latvian team. E. Poliak, E. Fridliand. Shakh. v SSSR 33 no. 6:162-163 Je '56.

CHESS PROBLEMS

Competition for beginners, 1955. Shakh. v SSSR 33 no. 6:192-193 Je '56.

Contest for authors who have not received any awards (1955). Shakh. v SSSR 33 no. 7:223-224 Jl '56.

Developing Saavedra's idea. T. Gorgiev. Shakh. v SSSR 33 no. 8:256 Ag '56.

Popular competition in solving problems. Shakh. v SSSR 33 no. 6:191 Je '56.

Problems and studies. Shakh. v SSSR 33 no. 8:254 Ag '56.

Readers about the chess problems and exercises. Shakh. v SSSR 33 no. 6:190-191 Je '56.

Solution of problems and studies. Shakh. v SSSR 33 no. 7:224 Jl '56.

Technique of composing problems. L. Loshinskii. Shakh. v SSSR 33 no. 8:255-256 Ag '56.

Two rooks against rook and bishop. G. Kasparian. Shakh. v SSSR 33 no. 7:222-223 Jl '56.

CHEST—RADIOGRAPHY

Radiography study of the chest with extra hard rays. R. P. Zil'berman. Voen.-med. zhur. no. 9:72 S '55.

CHEST—WOUNDS AND INJURIES

Penetrating stab wounds of the thorax. M. V. Murav'ev. Sov. med. 20 no. 6:68-72 Je '56.

CHETVERIKOV, NIKOLAI SERGEEVICH, 1896-

From the editors. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:89 Ja-Mr '56.

CHEWING see Mastication

CHICKEN COOPS see Poultry houses and equipment

CHICKENS see Poultry

CHILD STUDY

Conscious acts and habits. S. IA. Rubinshtein. Sem'ia i shkola 11 no. 7:4-6 Jl '56.

Psychological peculiarities of constructure activity of 7th class students. P. M. IAkobson. Vop. psikhol. 2 no. 3:73-86 My-Je '56.

Special problems in the development of self-knowledge in children. P. R. Chamata. Rad. shk. 35 no. 7:11-19 Jl '56.

Teachers should be equipped with a profound knowledge of child psychology. E. I. Radina. Vop. psikhol. 2 no. 3:87-90 My-Je '56.

CHILDBIRTH

Born in the skies. V. Poliksha. Ukraina no. 11:17 Je '56.

CHILDBIRTH—PSYCHOLOGY

All-Union conference on the further use of psychoprophylactic preparation of pregnant women for childbirth. N. N. Grigor'eva, E. I. Stantso. Vop. okh. mat. i det. 1 no. 2:88-90 Mr-Ap '56.

Look, what nice babies we are. Sov. zhen. 12 no. 8:23 Ag '56.

Without suffering and fear. A. Vakurova. Sov. zhen. 12 no. 8:21-22 Ag '56.

CHILDREN
(see also subdivision under China; Moscow; Nepal)

Happiness of children is in the hands of the peoples. Doshk. vykh. 17 no. 6:1-4 Je '56.

Happiness of mankind. G. Speranskii. Sov. kras. krest 6 no. 3:1-2 My-Je '56.

In defense of children's happiness. Sem'ia i shkola 11 no. 6:1-3 Je '56.

CHILDREN—CARE AND HYGIENE
(see also subdivision under Korea, North)

Antropova, M.V., L.V. Mikhailova, and G.P. Sal'nikova. [Hygiene in Pioneer camps] Gigiena pionerskogo lagerlia. Moskva, Izd-vo Akademii nauk RSFSR, 1956, 75 p.

The care of children in seasonal collective farm nurseries. I. P. Furmenko. Vop. okh. mat. i det. 1 no. 4:81-83 Jl-Ag '56.

Conditioning preschool children with cold water baths and its hygienic effectiveness. O. T. Tarasova. Gig. i san. 21 no. 7:30-34 Jl '56.

The essential is missing ["The health center of a pioneer camp during marches." I. D. Kester. Reviewed by N. Bunkin]. Sov. kras. krest 6 no. 3:31 My-Je '56.

Exudative diathesis. S. G. Zvinglinskaya. Zdorov'e 2 no. 8:18-19 Ag '56.

How to take care of the child's hearing. T. E. Perchikova. Ucheb.-vosp. rab. v dets. dom. no. 39:119-123 '55.

Improve prosthetic-orthopedic aids for children. F. Kopylov, L. Rukhman. Sots. obesp. 17 no. 7:47-48 Jl '56.

Medical nurse in a children's hospital. S. Shumakova. Sov. kras. krest 6 no. 3:15 My-Je '56.

Water treatment. E. Zabludovskaia. Sem'ia i shkola 11 no. 6:20-30 Je '56.

CHILDREN—CLOTHING see Clothing and dress

CHILDREN—COSTUME

For the New Year's carnival. I. Chikanikov. Pioner no. 12:76-77 D '53.

CHILDREN—DISEASES

Analysis of the causes of late hospitalization of children with tuberculous meningitis. N. A. Volova, E. G. Vagina. Vop. okh. mat. i det. 1 no. 1:66-70 Ja-F '56.

Etiology of acute intestinal diseases in infants. E. M. Novgorodskaia, G. A. Nemzer. Vop. okh. mat. i det. 1 no. 2:25-30 Mr-Ap '56.

Infectious hepatitis (Botkin's disease) in children. S. IA. Flekser, M. A. Naumova. Vop. okh. mat. i det. 1 no. 4:38-44 Jl-Ag '56.

Materials on clinical and microbiological characteristics of Salmonella infections in children. G. A. Nemzer, A. G. Loseva, E. S. Kuntsman. Vop. okh. mat. i det. 1 no. 2:53-60 Mr-Ap '56.

Morphological changes in the central nervous system in various forms of dysentery in children. L. O. Vishnevetskaia. Vop. okh. mat. i det. 1 no. 2:45-53 Mr-Ap '56.

"Physical therapy and physical prophylaxis of children's diseases." E. A. Ginzburg, D. V. Messel'. Reviewed by I. P. Khlystova. Vop. okh. mat. i det. 1 no. 4:95-96 Jl-Ag '56.

"Physiotherapy and physioprophylaxis of children's diseases." E. IA. Ginzburg, D. V. Messel'. Reviewed by S. S. Lepskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:78-80 Ja-Mr '56.

Report of an interinstitutional conference on infections in children. B. G. Shirvindt. Vop. okh. mat. i det. 1 no. 1:90-94 Ja-F '56.

Role of Escherichia coli in the origin of gastrointestinal diseases in children of early age. V. P. Davydov. Vop. okh. mat. i det. 1 no. 2:17-24 Mr-Ap '56.

Some problems in establishing a regimen in nurseries for children with chronic dysentery. S. E. Levintova. Vop. okh. mat. i det. 1 no. 2:74-76 Mr-Ap '56.

Some problems in the control of dysentery in children. B. G. Shirvindt. Vop. okh. mat. i det. 1 no. 2:3-9 Mr-Ap '56.

Treatment of dysentery in children with ensynthomycin, a tasteless synthomycin. I. L. Gusarskaia. Vop. okh. mat. i det. 1 no. 2:40-43 Mr-Ap '56.

CHILDREN—EDUCATION see Education of children

CHILDREN—GROWTH

Physical development of preschool children and children of school age. A. G. TSeitlin. Vop. okh. mat. i det. 1 no. 4:68-74 Jl-Ag '56.

CHILDREN—HOSPITALS
(see also subdivision under Peiping)

Physical therapy rooms in children's homes. I. Landsman. Sots. obesp. 17 no. 3:40-41 Mr '56.

CHILDREN—LAW

"Protecting the interests of children in Soviet domestic relations and civil law." G. M. Sverdlov. Reviewed by A. I. Pergament. Sov. gos. i pravo no. 5:134-138 '56.

CHILDREN—MANAGEMENT

A book on education ("Selected pedagogical works." A. S. Makarenko. Reviewed by V. Kolbanovskii). Ogonek 25 no. 46:25 N '47.

Books on training in the family. V. A. Ezikeeva. Doshk. vosp. 20 no. 8:45-48 Ag '56.

Brief news. Sem'ia i shkola 11 no. 6:36 Je '56.

Can one joke with children? Sem'ia i shkola 11 no. 7:22-23 Jl '56.

A hundred thousand "whys." G. Prozorov. Sem'ia i shkola 11 no. 6:12-13 Je '56.

Liamina, G. M. [The training of little children] O vospitanii malen'kikh detei. Moskva, Gos. izd-vo med. lit-ry, 1956. 19 p. (Sovety roditeliam)

N. K. Krupskaia on children's games. Marlia Sheiko. Rad. zhin. 11 no. 7:24 Jl '56.

Parent's diary. V. Syrkina. Sem'ia i shkola 11 no. 7:7-8 Jl '56.

The position, gestures, and mimicry of children. E. Medynskii. Sem'ia i shkola 11 no. 6:15-17 Je '56.

Work with exceptional children. A. Bakharieva. Doshk. vykh. 17 no. 6:24-29 Je '56.

Young farmers. A. Kotikov. Sem'ia i shkola 11 no. 7:12-13 Jl '56.

CHILDREN—NUTRITION

Cooking for children. Sem'ia i shkola 11 no. 6:36 Je '56.

"Diet for children." V. B. Kiseleva. Reviewed by Z. L. Dich. Vop. pit. 15 no. 4:86 Jl-Ag '56.

Kozhevnikova, N. G. [Nutrition of children in the kindergarten; work practice of kindergarten no. 617 in Moscow] Pitanie detei v detskom sadu; iz opyta raboty detskogo sada no. 617 g. Moskvy. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenlia RSFSR, 1955. 107 p.

Organization of nutrition for participants in the first all-Union sports tournament for school children. N. N. Zakharov, E. I. Lakhman. Vop. pit. 15 no. 4:23-27 Jl-Ag '56.

Planning the menu and portions in a kindergarten. I. Startsev. Doshk. vykh. 17 no. 7:29-44 Jl '56.

CHILDREN—OCCUPATIONS AND BUSY WORK

Construction work on the farm of the children's home. I. S. Mel'nikov, A. S. Shastov. Ucheb.-vosp. rab. v dets. dom. no. 39:61-77 '55.

Work as a means of education. M. V. Lysenko. Ucheb.-vosp. rab. v dets. dom. no. 39:57-60 '55.

CHILDREN, ABNORMAL AND BACKWARD

Studying retarded children in the school. A. P. Lurlia. Nach. shkola 24 no. 9:6-11 S '56.

CHILDREN IN LITERATURE AND ART

Problem of childhood in I. IA. Franko's works. S. Kh. Chavdarov. Rad. shk. 35 no. 8:40-50 Ag '56.

CHILDREN'S CLUBS
(see also subdivision under Peiping; Riga)

Children are not bored here. A. Evgen'eva. Smena 33 no. 13:24 Jl '56.

Children from Lev Tolstoi street. I. Sevast'ianov. Vozhatyi 32 no. 7:25 Jl '56.

Homeless section. G. Tarasova. Vozhatyi 32 no. 7:23 Jl '56.

CHILDREN'S LITERATURE
(see also subdivision under Bulgaria; Ukraine)

Belinskii on the reading of children. L. Trainina. Sem'ia i shkola 11 no. 6:26 Je '56.

Children's literature in the sixth five-year plan. M. Amshinskii. Ogonek 34 no. 37:4 S '56.

Results of the contest for the best children's book in science fiction and popular science. Geog. v shkole 19 no. 3:70 My-Je '56.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S LITERATURE—HISTORY AND CRITICISM

Dom detskoi knigi, Moscow. [Children's literature and problems of craftsmanship; a collection of articles] Detskaia literatura i voprosy masterstva; sbornik statei. Moskva, 1956. 229 p.

CHILDREN'S LITERATURE—HISTORY AND CRITICISM (Continued)

A dream. F. Svetov. Znamia 26 no. 8:166-173 Ag '56.

In the world of books. Pioner no. 6:73-79 Je '56.

In the world of books and magazines. Pioner no. 12:68-71 D '53.

Love for children. Oles' Donchenko. Sov. Ukr. 6 no. 6:173-175 Je '56.

Meeting difficulties; notes on children's prose. V. Bavina. Zvezda no. 7:164-178 Jl '56.

CHILDREN'S PERIODICALS

The journal "Koster" (Campfire). N. Grigor'ev. Neva no. 7:190 Jl '56.

CHILDREN'S PLAYS see subdivision under Leningrad; Moscow

CHILE—STRIKES AND LOCKOUTS

"Our unity will break the policy of repression"; a letter from Chile. Vsem. prof. dvizh. no. 6:9-15 Je '56.

CHIMNEYS

Smokestacks added to buildings. L. Ranevskii, Arkhit. i stroi. Mosk. 5 no. 7:11 Jl '56.

CHINA

Brief news. Nar. Kit. no. 6:36 My '56.

First Russian book on China. E. Rivesh. Dal'. Vost. 34 no. 2:175-177 Mr-Ap '56.

CHINA—AGRICULTURAL PESTS—EXTERMINATION

An entomologist's story. Li Chi-yen. Nar. Kit. no. 9: 32-35 My '56.

CHINA—AGRICULTURE

Springtime in the fields. Kitai no. 5:16-17 My '56.

Utilization of virgin and waste lands in the Chinese People's Republic. I. Vlasiuk. Zemledelie 4 no. 7: 102-103 Jl '56.

CHINA—AGRICULTURE, COOPERATIVE

A day on a cooperative farm. Kitai no. 5:26-27 My '56.

Great changes ("The development of socialism in the Chinese village" [in Chinese]. 3 vols. Reviewed by A. Sergiev). Mezhdunar. zhizn' no. 6:130-140 Je '56.

Hsin min. Savva Kozhevnikov. Ogonek 34 no. 27:6-8 Jl '56.

On the "Krasnoe Znamia" cooperative farm. Kitai no. 6:12-14 Je '56.

Popular literature for farmers. Nar. Kit. no. 12:37 Je '56.

Secretaries of the party organizations are responsible for the cooperatives and the entire party is responsible for managing them. Nar. Kit. no. 9:7-10 My '56.

Socialist reorganization of Chinese agriculture. M. Meikontian. Otv. na. vop. trud. no. 06:23-34 '56.

CHINA—ANTIBIOTICS—CONGRESSES

Conference on antibiotics in China. N. A. Krasil'nikov. Vest. AN SSSR 26 no. 6:101-103 Je '56.

CHINA—ARCHAEOLOGY

Achievements of Chinese archaeology in the past four years. In' Da. Krat. soob. IIMK no. 63:3-13 '56.

CHINA—AUTOMOBILE INDUSTRY

Automobiles will soon come off the assembly lines. Ch'e Mu-ch'i. Nar. Kit. no. 9:23-26 My '56.

CHINA—BOOKS—PRICES

Prices reduced on books. Nar. Kit. no. 9:36-37 My '56.

CHINA—BOOKSELLERS AND BOOKSELLING

Book trade in the new China. A. Shirokov. Sov. knizh. torg. no. 7:17-20 Jl '56.

CHINA—BUDGET

Budget of socialist construction. Chu Chi-hsin. Nar. Kit. no. 14:3-6 Jl '56.

CHINA—BUILDING

Architecture and construction in China. B. N. Kulikov. Arkhit. i stroi. Len. no. 2:42-44 Je '56.

CHINA—BUILDING, IRON AND STEEL

Metal construction plant. Nar. Kit. no. 13:27-28 Jl '56.

CHINA—CENSUS

How was the census in China made? Ukraina no. 11:10 Je '56.

CHINA—CHILDREN

Give children the best. Sung Ch'ing-ling. Nar. Kit. no. 12:9-10 Je '56.

CHINA—COAL MINES AND MINING

The struggle for coal. Chou Hsi'eh-sheng. Nar. Kit. no. 9/10:32-33 My '51.

CHINA—COKE INDUSTRY

Made in China; coke drawer. Nar. Kit. no. 9:31 My '56.

CHINA—COMMERCE

Crisis of the blockade policy. M. Pankin. Mezhdunar. zhizn' no. 7:33-45 Jl '56.

CHINA—COMMERCE—GERMANY, WEST

The embargo must end. Nov. vrem. 14 no. 29:10 Jl '56.

CHINA—COMMUNISM

From the history of the dissemination of Marxist-Leninist ideas in China (1917-1924) [with English summary in insert]. M. S. Rapitun. Sov. vostokoved. no. 2:34-44 '56.

The importance of Lenin's book "Two tactics of social democracy in the democratic revolution" for the people's democratic revolution in China [with English summary in insert]. Fan Ju yat. Sov. vostokoved. no. 3:20-33 '56.

CHINA—COMMUNIST PARTY

Glorious fighting vanguard of the Chinese people. V. Grigor'ev. Komm. Vol. 20 no. 7:92-98 Jl '56.

CHINA—COOPERATIVE SOCIETIES

Development of cooperatives in the domestic craft industry of China. Ch'en Ch'i-hai. Nar. Kit. no. 14 10-14 Jl '56.

CHINA—COTTON—VARIETIES

Perennial cotton in southern China. Ch'en Yi-ting. Khlopkovodstvo 6 no. 7:56-57 Jl '56.

CHINA—CULTURAL RELATIONS

Cultural ties with foreign countries. Nar. Kit. no. 9: 37 My '56.

CHINA—CULTURE

Art. Kitai no. 6:40 Je '56.

CHINA—DESCRIPTION AND TRAVEL

By land and by sea (conclusion); excerpt from a book of essays "With my own eyes." Wanda Wasilewska. Nad. vlhu. 11 no. 7:10-13 Jl '56.

In China (conclusion). Wanda Wasilewska. Translated from the Polish by Wasilewska. Novyi mir 32 no. 6: 104-125 S '56.

CHINA—ECONOMIC CONDITIONS

Glorious path. Krest'ianka 35 no. 7:16-17 Jl '56.

Glorious seventh anniversary. L. Delluain. Iliak. agit no. 26:27-35 S '56.

New China's progress. Sung Ch'ing-ling. Nar. Kit. no. 9/10:10-20, 25-28 My '51.

Through the eyes of western journalists ("China is a part of the world" [in Italian]. F. Chiaretti; "Mandarin red. A journey behind the 'bamboo curtain'" [in English]. J. Cameron). Reviewed by O. A. Arturova). Sov. vostokoved. no. 2:184-189 '56.

CHINA—ECONOMIC POLICY

New stage in the socialist transformation of China [with English summary in insert]. V. IA. Sutkhanovich. Sov. vostokoved. no. 2:3-14 '56.

CHINA—EFFICIENCY, INDUSTRIAL

All-Chinese rally of production leaders. V. Gel'bras. Sots. trud. no. 6:122-127 Je '56.

The honor roll. Kitai no. 5:6-7 My '56.

CHINA—FASHION

Manufacturing beautiful and comfortable clothes. Kitai no. 5:28-29 My '56.

CHINA—FOREIGN RELATIONS

The present international situation, the foreign policy of the Chinese People's Republic, and the liberation of Formosa. Chou En-lai. Mezhdunar. zhizn' no. 8:11-27 Ag '56.

Restore China's legal rights in the U. N. G. Slavin. Nov. vrem. 14 no. 30:7-10 Jl '56.

CHINA—FOREIGN RELATIONS—EGYPT

Establishing diplomatic relations between China and Egypt. Yeh Chi-chuang. Nar. Kit. no. 13:3-5 Jl '56.

In the interests of friendly cooperation. Mezhdunar zhizn' no. 6:130 Je '56.

CHINA—FOREIGN RELATIONS—RUSSIA

From the history of Russian-Chinese relations in the first half of the 19th century. /E. V. Bunskov. Sov. vostokoved. no. 2:98-104 '56.

CHINA—GINSENG

Ginseng; answers to readers' questions. Nar. Kit. no. 13:38-39 Je '56.

CHINA—GLIDING (AERONAUTICS)

School for glider pilots. Kitai no. 5:34-35 My '56.

CHINA—GOVERNMENT OWNERSHIP

The British Shell Company property is requisitioned. Nar. Kit. no. 9/10:42 My '51.

CHINA—GUNPOWDER

History of the invention of gunpowder; answers to readers' questions. Nar. Kit. no. 14:37-40 Jl '56.

CHINA—HEMORRHOIDS

Treatment of hemorrhoids with methods of Chinese medicine; answers to readers' questions. Chien Chih-tian. Nar. Kit. no. 13:38-41 Je '56.

CHINA—HISTORY

"Chinese Modern history" [with English summary insert]. Reviewed by [illegible]. Vop. istorii no. 7 [illegible]

[illegible] (Chinese Revolution of 1911 [with English summary insert]). Reviewed by [illegible]. Vop. istorii no. 7 [illegible]

I. Caroline [in Romanian with English abstract]. Reviewed by [illegible]. Studii [illegible] no. 1:[illegible] '56.

Heroic epic of the Chinese people [illegible] China, collection, 1840-1949. Pao Wei-ta. Reviewed by [illegible] from the Chinese. Voprosy ist. no. 7:264 Jl '56.

CHINA—INDUSTRIES

The industrial development of China by years [illegible] Chinese People's Republic. Moscow, [illegible] 131 132 Jl '56.

CHINA—INLAND WATER TRANSPORTATION

River fleet [illegible] Rech. transport 15 no. 7:31-32 Jl '56.

CHINA—INSURANCE, SOCIAL

Workers' insurance [illegible] Nar. Kit. no. 9:34-35 My '56.

CHINA—LABOR AND LABORING CLASSES

All-Chinese rally of [illegible] Sots. trud no. 6:122-127 Je '56.

Immediate tasks of the [illegible] yat Nar. Kit no. 9:7-9 My '56.

CHINA—LAND TENURE

How the peasants [illegible] Nar. Kit no. 9:45-51 My '56.

CHINA—MAY DAY (LABOR HOLIDAY)

The May Day [illegible] Nar. Kit 41 My '51.

CHINA—MEDICINE

Trip of Soviet medical [illegible] P. G. Brodaty. Vest. Akad. med. n. no. 11:18-19 Je '56.

Visiting the capitals of the [illegible] no. 11:18-19 Je '56.

CHINA—MINORITIES

Self government for national minorities. Kitai no. 9/10:32 My '51.

CHINA—MOTION PICTURE CARTOONS

Animated cartoon motion pictures. Nar. Kit. no. 9:36 My '56.

CHINA—MOTION PICTURE PLAYS

Motion picture about a hero of the Chinese People's Republic. Ogonek no. 8:14 Je '56.

CHINA—NATIONALITIES

"A collection of materials on the nationalities policy" [in Chinese]. Reviewed by V. I. Pershits. Vop. ist. no. 7 127-128 My '56.

CHINA—NEWSPAPER AND PERIODICAL CORRESPONDENTS

In the People's Republic of China. Yen Hsiao-lung Haupt'perch no. 7:2 Jl '56.

CHINA—PEACE

The campaign in defense of peace is growing. Nar. [illegible] no. 9/10:32 My '51.

CHINA—PEASANT UPRISINGS

Peasant revolt in China in 209-208 B. C. [with English summary in insert]. L. S. Perelomov. Ucen. zapiski [illegible] no. 3/69:75 '56.

CHINA—PETROLEUM INDUSTRY

The British Shell Company property is requisitioned. Nar. Kit. no. 9/10:42 My '51.

CHINA—PHARMACOLOGY—PERIODICALS

Pharmaceutical periodicals of the All-Chinese [illegible] Pharmaceutical Society. Apt. delo 4 no. 6:54-56 N.-D. Ag '56.

CHINA—PHYSICAL GEOGRAPHY

Useful book on the geography of China ("Northeastern China; physical geographical description." E. M. Murzaev. Reviewed by Shen Yu-chang). Vest. AN SSSR 26 no. 6: 103-105 Jl '56.

CHINA—POLITICS AND GOVERNMENT

The draft Constitution of the Chinese People's Republic; report at the first session of the Chinese National People's Congress on September 15, 1954 in Peiping. Kommunist Vooruzh. Sil no. 19:15-46 O '54.

Important decisions. Mezhdunar. zhizn' no. 8:127 Ag '56.

Introductory speech of Comrade Mao Tse-tung at the first session of the Chinese National People's Congress on September 15, 1954 in Peiping. Komm. Vooruzh. Sil no. 19:13-14 O '54.

Through the eyes of western journalists ("China is a part of the world" [in Italian]. F. Chiaretti; "Mandarin red. A journey behind the 'bamboo curtain'" [in English]. J. Cameron. Reviewed by O. A. Arturova). Sov. vostokoved. no. 2:184-189 '56.

CHINA—PUBLISHERS AND PUBLISHING
Popular literature for farmers. Nar.Kit. no.12:37 Je '56.

CHINA—RAILROADS
Paoki - Chengtu railroad line. Nar.Kit. no.14:31-33 Jl '56.

CHINA—RAILROADS—EMPLOYEES
Women's railway work team. Su Ming. Nar.Kit. no.9/10:39-40 My '51.

CHINA—REINFORCED CONCRETE
Experience making and using centrifuged tubular reinforced concrete elements in China. N.M.Kolokolov, K.S.Silin. Bet.i zhel.-bet. no.7:249-253 Jl '56.

CHINA—RELATIONS (GENERAL) WITH FOREIGN COUNTRI
Brief news. Kitai no.5:36-38 My '56.
China's international cultural relations. Mezhdunar. zhizn' no.6:130-131 Je '56.
Gifts from foreign friends. Kitai no.5:20-21 My '56.
Our guests. Kitai no.6:34-37 Je '56.

CHINA—RELATIONS (GENERAL) WITH GREAT BRITAIN
British delegation arrives in Peking. Nar.Kit. no.9/10:42 My '51.
In the Anglo-Chinese Friendship Society. Nar.Kit. no.9/10:42 My '51.

CHINA—RELATIONS (GENERAL) WITH KOREA, NORTH
Agreement on cultural cooperation between the Korean People's Democratic Republic and the Chinese People's Republic. Nov.Kor. no.6:41 Je '56.

CHINA—RELATIONS (GENERAL) WITH RUSSIA
Friendship. N.Lagunova. Smena 33 no.14:24 Jl '56.
Friendship. Ogonek 34 no.31:4-5 Jl '56.
Unforgettable five days. Wu Ping-chen, Ting Fu-hai. Nar.Kit. no.14:28-30 Jl '56.
With Chinese journalists in the U.S.S.R. N.Vorob'ev. Sov.pech. no.7:49-52 Jl '56.

CHINA—RELATIONS (GENERAL) WITH THE UKRAINE
A single family. Ukraina no.12:8 Je '56.

CHINA—RESERVOIRS
In the Liuchiahsia Canyon. Kao Ke-chin. Nar.Kit. no.12:27-30 Je '56.

CHINA—SCIENCE
U.S.S.R. helps China to reach the standard of world science. Nar.Kit. no.14:7-10 Jl '56.

CHINA—SOCIAL CONDITIONS
A meeting with youth. Arkadii Perventsev. Nov.vrem. 14 no.27:23-26 Je '56.
Under the Chinese sky; from a book of literary sketches. Wanda Wasilewska. Translated from the Polish by E.Wasilewska. Druzh.nar. no.6:105-122 Je '56.
What's new? Carlo Menna. Vsem.stud.nov. 10 no.6/7:35 Je-Jl '56.

CHINA—SOILS
Studies on soil plasticity in China [with English summary in insert]. K.Hou, S.Chang. Pochvovedenie no.5:17-24 My '56.

CHINA—SPORTS
Sports. Kitai no.5:38-40 My '56.
Sports. Kitai no.6:39 Je '56.
Sports tournaments in China. V.Aduevskii. Fizk.i sport 26 no.7:8 '56.

CHINA—STALIN PRIZES
Declaration by Sung Ch'ing-ling. Nar.Kit. no.9/10:43 My '51.

CHINA—SWIMMING—COMPETITIONS
New swimming records. Nar.Kit. no.6:37 My '56.

CHINA—TAIPING REBELLION, 1850-1864
Discovery of new material on the Taiping state. Vop.ist. no.6:220 Je '56.
Letters about China. V.A.Rimskii-Korsakov. Publication, preface and notes by A.Gozenpud. Novyi mir 32 no.6:167-178 Je '56.

CHINA—TECHNICAL ASSISTANCE, RUSSIAN
U.S.S.R. helps China to reach the standard of world science. Nar.Kit. no.14:7-10 Jl '56.

CHINA—THEATER
The first all-China festival of modern plays. Kitai no.5:30-33 My '56.
Modern Chinese drama. T'ien Han. Nar.Kit. no.13:6-11 Jl '56.

CHINA—TOYS
Children's toys. Kitai no.6:32-33 Je '56.
Secret of the Chinese "duck". Tekh.mol. 24 no.8:40 Ag '56.

CHINA—VEGETABLE GARDENING
Vegetable growing in China. A.N.Ivanova. Nauka i pered.op.v sel'khoz. no.6:87-90 Je '56.

CHINA—WAR CRIMINALS
Justice and generosity. Tuan Lien-ch'eng. Nar.Kit. no.14:19-27 Jl '56.

CHINA—WOMEN—EMPLOYMENT
Women's railway work team. Su Ming. Nar.Kit. no.9/10:39-40 My '51.

CHINA—YOUTH
Chinese youth day. Nar.Kit. no.9/10:42 My '51.
Happy youth of China. Schastlivaia kitaiskaia molodezh'. [Pekin, "Kitaiskaia molodezh'," 1955] 1 v. (chiefly illus.)
(NNC)

CHINA—YOUTH—CONGRESSES
To our Chinese friends. Mol.mira no.5:16 '56.

CHINA—ZOOLOGICAL RESEARCH
Chinese-Soviet faunal and floral research in Yunnan and Szechwan. O.L.Kryzhanovskii, V.V.Popov. Zool.zhur. 35 no.7:1108-1111 Jl '56.

CHINA, NORTHEAST—SOILS
Genesis, development and general properties of Chernozems, turf-Podzolic and swampy soils in Northeastern China [with German summary in insert]. Sung Ta-ch'eng. Pochvovedenie no.4:43-46 Ap '56.

CHINAZ DISTRICT—COLLECTIVE FARMS
At a field workers' camp. D.Glinberg. Sots.Uz. 15 no.6:12-13 Je '56.

CHINESE ARCHITECTURE see Architecture, Chinese

CHINESE ART INDUSTRIES see Art industries, Chinese

CHINESE AUTHORS see Authors, Chinese

CHINESE FOLKSONGS see Folksongs, Chinese

CHINESE INTELLECTUALS see Intellectuals, Chinese

CHINESE JOURNALISTS see Journalists, Chinese

CHINESE LANGUAGE—ALPHABET
Project for a phonetic alphabet of the Chinese language. I.N.Gal'tsev. Sov.vostokoved. no.3:104-109 '56.

CHINESE LANGUAGE—WRITING
Ch'u hieroglyphs. Nar.Kit. no.13:40-41 Jl '56.
In the Institute of Oriental Studies (report of the Chinese scholar, Hu Yu-chi. B.I.Potapovskii. Vest.AN SSSR 26 no.7:76-79 Jl '56.

CHINESE LITERATURE
Influence of Soviet literature on modern Chinese literature. A.V.Chicherin. Dop.ta vop.L'viv.un. no.3, pt.1:10-12 '52.

CHINESE LITERATURE—PERIODICALS
Literature and a plan. L.Eidlin. Novyi mir 32 no.7: 204-207 Jl '56.

CHINESE MUSIC see Music, Chinese

CHINESE NEWSPAPERS
Readers' letters. Yüan Hsien-lu. Nar.Kit. no.13:20-26 Jl '56.

CHINESE PAINTING see Painting, Chinese

CHINESE POTTERY see subdivision 'Pottery, Chinese' under Azerbaijan

CHINESE SCULPTORS see Sculptors, Chinese

CHIRVINSKII, PETR NIKOLAEVICH, 1880-1955
Petr Nikolaevich Chirvinskii. E.K.Lazarenko. Min. sbor. no.9:401-403 '55.

CHKALOV—AMATEUR THEATRICALS
In four languages. B.Liubimov. Ogonek 25 no.48:27 N '47.

CHKALOV PROVINCE—AGRICULTURE
In the Orenburg steppes. Sel'khoz.Pavol. no.7:28-29 Jl '56.

CHKALOV PROVINCE—ECONOMIC CONDITIONS
In the Orenburg steppe. A.Sofronov. Ogonek 34 no.31: 26-29 Jl '56.

CHKALOV PROVINCE—SOCIAL CONDITIONS
In Orenburg steppes; a reportage. A.Sofronov. Ogonek 34 no.30:15-17 Jl '56.

CHLORAL
Effect of chloral hydrate and medinal on oxidative phosphorylation in the crushed liver tissues of guinea pigs. K.I.Strachitskii, L.A.TSeitlin. Vop.med.khim. 2 no.2:83-86 Mr-Ap '56.

CHLORIDES
(see also subdivision under Konka Valley)
Complex compounds of phosphorus pentachloride with chlorides of certain elements. Part 4. System: phosphorus pentachloride -- stannic chloride. IA.B.Bur'lanov. Zhur.ob.khim. 26 no.5:1363-1367 My '56.
Complex compounds of tri- and pentavalent antimony with iodine chloride. I.L.Abarbarchuk. Dop.AN URSR no.5:22-26 '49.
Determination of chloride and bromide concentrations by means of chronometric titration. E.K.Nikitin, E.N. Ponomareva. Trudy Kom.anal.khim. 7:234-245 '56.
Diagrams of phase transitions for RbCl -- $ZnCl_2$ and CsCl -- $ZnCl_2$. B.F.Markov, I.D.Panchenko, T.G. Kostenko. Ukr.khim.zhur. 22 no.3:287-291 '56.
Direct synthesis of alkylpolysilane chlorides. A.D.Petrov, and others. Zhur.ob.khim. 26 no.5:1248-1254 My '56.
Direct synthesis of silane chlorides from vinylallyl-type chlorides. A.D.Petrov, and others. Zhur.ob.khim. 26 no.5:1255-1258 My '56.
Dissociation energies of C—Cl bonds in various chlorides (with English summary in insert). V.I.Vedeneev, V.V. Voevodskii. Zhur.fiz.khim. 30 no.4:789-793 Ap '56.
Heterogeneous equilibriums in aqueous ternary systems of beryllium chloride with chlorides of metals from the first group. V.P.Blidin. Zhur.ob.khim. 26 no.5: 1281-1285 My '56.
Interaction of sodium and potassium chlorides with magnesium sulfate during heating and in a flow of steam. S.D.Shargorodskii, O.I.Shor. Ukr.khim.zhur. 17 no.5:676-687 '51.
Review of data on the system: $CaCl_2$ -- $BaCl_2$. P.P. Budnikov, P.L.Volodin, S.G.Tresviatskii. Ukr.khim. zhur. 22 no.3:292-294 '56.
Road concrete with chlorides added. D.E.Gorbachev. Avt.dor. 19 no.6:30-31 Je '56.
Surface tension of melts in the system: KCl - NaCl - $MgCl_2$. O.G.Desiatnikov. Zhur.prikl.khim. 29 no.6:870-878 Je '56.
Use of thermography in studying the interaction of potassium or sodium chlorides with magnesium sulfate during heating. S.D.Shargorodskii, O.I.Shor. Ukr. khim.zhur. 17 no.1:136-148 '51.
Vapor pressure in ternary solutions: $MeCl_2$ -- HCl -- $H_2O$. L.S.Lilich, V.I.Timofeev. Vest.Len.un. 11 no.10:68-74 '56.

CHLORINATION
Certain regularities in thermal chlorination of n-dodecane. R.S.Galanina, A.S.Nekrasov. Dokl.AN SSSR 108 no.2: 251-252 My '56.
Chlorination of alkanes in presence of nitrogen dioxide. V.A.Nekrasova, N.I.Shutkin. Izv.AN SSSR. Otd.khim. nauk no.5:583-586 My '56.
Photochemical chlorination of phenyltrichlorosilane. A.D.Petrov, and others. Zhur.ob.khim. 26 no.5: 1229-1233 My '56.

CHLORINE
Mechanism of the electrochemical formation of oxygen compounds of chlorine at the smooth platinum electrode. Part 1. Anode-polarographic investigation of the electrochemical oxidation kinetics of $Cl^-$ and $ClO_3^-$ ions (with English summary in insert). E.I.IAkovleva, K.I. Rozental', T.S.Filippov. Zhur.fiz.khim. 30 no.4: 937-944 Ap '56.

CHLORITES
Potentiometry of chlorite solutions. I.E.Flis, T.M.Vasil'eva. Zhur.ob.khim. 26 no.5:1272-1277 My '56.

CHLOROACRYLIC ACID—TOXICOLOGY
Materials on the toxicology of methylchloracrylate. B.D. Karpov. Farm.i toks. 19 no.3:60-62 My-Je '56.

CHLOROMYCETIN
Eusynthomicin. K.D.Sedova. Nauka i zhizn' 23 no.8: 64 Ag '56.
Fungous intertrigo in a child following external application of synthomycin. A.M.Arlevich, L.I.Kukoleva. Pediatriia 39 no.3:53-54 My-Je '56.
Late results of synthomycin therapy for children contracting dysentery during infancy. L.M.Eretnova. Vop. okh.mat.i det. 1 no.4:92-93 Jl-Ag '56.
Quantitative determination of synthomycin and levomycetin in preparations and medicinal compounds. G.A. Vaismen, M.D.Kislaia. Apt.delo 5 no.4:19-25 Jl-Ag '56.
Resistance of Shigella paradysenteriae and Escherichia coli to synthomycin. A.V.Levina. Vop.okh.mat.i det. 1 no.2:43-45 Mr-Ap '56.
Result of treating thermal burns with synthomycin and biomycin. I.V.Danilov, L.G.Fishman, B.N.Lein. Khirurgiia no.5:9-12 My '56.
Synthomycin emulsion in the hygiene subjects excreting dysentery bacteria. N.P.Pichugina. Pediatriia 39 no.3:44-45 My-Je '56.
Synthomycin therapy for blepharitis and conjunctivitis. P.A.Mil'rud. Voen.-med.zhur. no.4:64-65 Ap '56.
Synthomycin therapy for dysentery in young children. A.A.Gorshkova. Pediatriia 39 no.3:88 My-Je '56.
Treatment of acute dysentery in children by rectal administration of synthomycin (in suppositories). G.A. Timofeeva. Vop.okh.mat.i det. 1 no.4:92 Jl-Ag '56.
Treatment of dysentery in children with ensynthomycin, a tasteless synthomycin. I.L.Gusharskaia. Vop.okh. mat.i det. 1 no.2:40-43 Mr-Ap '56.
Treatment of gonorrheal urethritis with levomycetin. V.M.Pobegailo, B.T.Glukhen'kii. Vest.ven.i derm. no.3:58 My '56.

CHLOROMYCETIN (Continued)

Use of synthomycin in treating pullorum disease of chicks. A. V. Koronnyi. Ptitsevodstvo 6 no. 6:31-33 Je '56.

Variation in the sensitivity of dysentery bacteria to synthomycin during a number of years. O. G. Birder, A. D. Guseva. Pediatriia 39 no. 3:25-28 My-Je '56.

CHLOROPHYLL

Chlorophyll concentration in the chloroplasts of sweet cherry leaves as affected by the light regime. T. N. Godnev, N. S. Sudnik. Fiziol. rast. 3 no. 4:352-354 Jl-Ag '56.

Determining the winter evaporation surface of the birch. E. A. Miroslavov. Bot. zhur. 41 no. 4:534-537 Ap '56.

Effect of light on the oxidation-reduction transformations of cytochrome and sensitization of these reactions by chlorophyll and bacteriochlorophyll. A. A. Krasnovskii, K. K. Voinovskaia. Biofizika 1 no. 2:120-126 '56.

Effect of some acidic and basic substances on the absorption spectra of chlorophyll and chlorophyllide. T. N. Godnev, R. V. Efremova, L. A. Kravtsov. Izv. AN SSSR. Ser. fiz. 20 no. 5:540-545 My '56.

The physiological role of chlorophyll in tomato fruits [with English summary in insert]. A. L. Kursanov, B. B. Karapetian. Fiziol. rast. 3 no. 3:214-224 My-Je '56.

Spectral investigation of the state of chlorophyll in the red alga Phyllophora. A. A. Krasnovskii, E. A. Nesterovskaia, A. B. Gol'denberg. Biofizika 1 no. 4:328-333 '56.

State of chlorophyll in the leaves of green plants. D. I. Sapozhnikov, T. G. Maslova. Trudy Bot. inst. Ser. 4 no. 11:97-115 '56.

Storage of light energy during the photochemical reaction of chlorophyll and its analogs (with English summary in insert). A. A. Krasnovskii. Zhur. fiz. khim. 30 no. 5: 968-985 My '56.

Structure of a chlorophyll-protein-lipoid complex. T. N. Godnev. Izv. AN SSSR. Ser. fiz. 20 no. 5:537-539 My '56.

CHLOROPHYLL—SPECTRA

Effect of inorganic ions on absorption spectra of chlorophyll. M. S. Ashkinazi, T. S. Glikman, T. M. Abramova. Ukr. khim. zhur. 17 no. 2:176-180 '51.

CHLOROSULFONIC ACID

Acidity function of the $H_2SO_4$-$HSO_3Cl$ system. V. A. Pal'm. Dokl. AN SSSR 108 no. 2:270-273 My '56.

CHLORPROMAZINE

Aminazine therapy for adolescents at a psychiatric clinic; preliminary report. A. N. Korganova. Zhur. nevr. i psikh. 56 no. 7:567-570 '56.

Arrest of psychomotor excitation with aminazine. G. K. Ushakov and others. Zhur. nevr. i psikh. 56 no. 7:571-574 '56.

Results of using aminazine in psychiatric clinical practice. E. A. Popov, T. A. Nevzorova. Zhur. nevr. i psikh. 56 no. 7:559-566 '56.

Use of aminazine in the psychiatric clinic. I. I. Lukomskii, E. F. Pavlenkova. Zhur. nevr. i psikh. 56 no. 7: 575-576 '56.

CHOKRAK—MINERAL WATERS

Chokrak hydrogen sulfide springs. M. M. Fomichev. Trudy Lab. gidrogeol. probl. 1:221-232 '48.

CHOLERA

History of the control of cholera in Russia in 1829-1830. N. F. Kramchaninov. Sov. zdrav. 15 no. 4:46-49 Jl-Ag '56.

CHOLESTERASES

Cholesterin esterase of the bone marrow. E. N. Morozova Biul. eksp. biol. med. 41 no. 6:36-39 Je '56.

CHOLESTEROL

Determining the protein fractions of blood serum and the distribution of cholesterol in them. L. S. Tarasova, H. V. Troits'kyi. Ukr. biokhim. zhur. 28 no. 2:177-182 '56.

Effect of nicotine on experimental atherosclerosis. K. K. Maslova. Biul. eksp. biol. med. 41 no. 6:20-23 Je '56.

CHOPIN, FRYDERYK FRANCISZEK, 1810-1849

Liszt, Franz. [F. Chopin. Translated from the French] F. Shopen. [Perevod i primechaniia S. A. Semenovskogo.] Izd. 2-oe, perer. Moskva, Gos. muzykal'noe izd-vo, 1956. 426 p.

CHOPOVICHI DISTRICT—LIBRARIES, RURAL

In order to increase the number of readers. M. Stretovych. Sots. kul't. 10 no. 8:19 Ag '56.

CHORAL MUSIC see subdivision under Moscow

CHORAL SOCIETIES see subdivision under Lvov; Molodechno

CHORION—TUMORS

Vesicular mole. A. L. Kaplan. Fel'd. i akush. 21 no. 6: 52-58 Je '56.

CHORNY, KUZ'MA, 1900-1944

Great love and great hatred ("Kuz'ma Chorny; ideas and artistic forms of his works." Ivan Kudrautsau. Reviewed by IA. Hertsovich). Belarus' 13 no. 6:30-31 Je '56.

CHRISTIAN DEMOCRATIC PARTY see subdivision under Italy

CHROMATOGRAPHIC ANALYSIS

Chromatographic analysis. O. V. Sdobnikova. Vest. AN Kazakh. SSR 12 no. 7:86-97 Jl '56.

Chromatographic method for determining fractional composition of high polymers. B. V. Losikov, N. I. Kaverina, A. A. Fediantseva. Khim. i tekh. topl. no. 3:51-53 Mr '56.

Chromatographic separation of molybdenum and rhenium. D. I. Riabchikov, A. I. Lazarev. Trudy Kom. anal. khim. 7:41-63 '56.

Chromatography of carotene pigments in medicinal muds. A. A. Mikhailovnina, S. A. Shapiro. Ukr. khim. zhur. 17 no. 1:50-58 '51.

Chromatography of insulin on ion-exchanging resins [with English summary in insert]. G. V. Samsonov, M. D. Faddeeva. Biokhimiia 21 no. 3:403-411 My-Je '56.

Multicolored appearance of amino acids in paper chromatograms. A. N. Boiarkin. Fiziol. rast. 3 no. 4:381-386 Jl-Ag '56.

Paper partition chromatography in studying the forms of nitrogen in humus substances [with French summary in insert]. M. M. Kononova, I. V. Aleksandrova. Pochvovedenie no. 5:86-92 My '56.

Role of the structure of adsorbents in molecular chromatography of vapors. I. E. Neimark, F. I. Khatset. Dop. AN URSR no. 2:24-29 '49.

Separation of rhenium from vanadium and tungsten by means of ion-exchange chromatography. D. I. Riabchikov, A. I. Lazarev. Trudy Kom. anal. khim. 7:64-76 '56.

Tracer atom study of the inversion of adsorption series in the ultra micro-concentration range (with English summary in insert). S. IU. Elovich, L. G. Kuz'mina. Koll. zhur. 18 no. 3:268-275 My-Je '56.

Use of paper chromatography for the detection of cation impurities in inorganic preparations. M. S. Ivanova. Trudy Kom. anal. khim. 7:77-83 '56.

Use of radioactive isotopes in paper partition chromatography for inorganic compounds. E. S. Burkser, G. D. Eliseeva. Trudy Kom. anal. khim. 7:84-88 '56.

CHROMATOPHORES

Nature of proteins of chloroplasts [with English summary in insert]. N. M. Sisakian, S. S. Malik-Sarkisian. Biokhimiia 21 no. 3:329-339 My-Je '56.

CHROMIUM—ANTIMONY ALLOYS—ELECTRIC PROPERTIES

The thermoelectric properties of $CrSb_2$. N. Kh. Abrikosov, V. F. Bankina. Dokl. AN SSSR 108 no. 4:627-628 Je '56.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-IRON-MANGANESE ALLOYS see Iron-Chromium-Manganese alloys

CHROMIUM-IRON-NICKEL ALLOYS see Iron-Chromium-Nickel alloys

CHROMIUM-NICKEL-STEEL

Smelting of chromium-nickel-steel having a 1.5% chromium content in the burden. P. K. Morokov, B. G. Petukhov. Metallurg no. 6:20-23 Je '56.

CHROMIUM-NICKEL-TITANIUM ALLOYS see Nickel-Chromium

CHROMIUM ORES

Mineralogical composition of the roasted mass in bichromate manufacture. O. I. Pudovkina, M. V. Kireeva. Zhur. prikl. khim. 29 no. 6:828-833 Je '56.

CHROMIUM PLATING

Investigating the effect of porosity characteristics of chromium plating on cast iron wear. D. N. Garkunov, A. A. Poliakov. Tren. i izn. mash. no. 11:108-120 '56.

CHROMIUM STEEL

Distribution of chromium between metal and slag of variable composition. B. V. Stark, E. G. Pereverzeva. Sbor. Inst. stali no. 31:14-39 '53.

Smelting chromium steel from chrome iron ores. B. G. Petukhov, N. I. Shirokov. Stal. proizv. no. 1:5-22 '56.

CHROMIUM SULFATES

Thermography of chromium sulfate. L.D.Muzyka, O.I. Shor. Zhur. ob. khim. 26 no. 5:1277-1280 My '56.

CHRONAXIA

Peculiarities of chronoximetric indicators in the treatment of traumatic contractions by physical method. S. B. Aronova. Vop. kur. fizioter. i tech. fiz. kul't. 21 no. 2:42-48 Ap-Je '56.

CHRONOGRAPH

Experiments with a self-made chronograph. A. A. Peraidskii. Fiz. v shkole 16 no. 4:69-70 Jl-Ag '56.

CHRYSOLITE

Black chrysolite-asbestos and its transformation into light colored chrysolite-asbestos. G. N. Vertushkov, P. IA. IArosh. Zap. Vses. min. ob-va 85 no. 2:224-228 '56.

CHU VALLEY—AFFORESTATION

Karafa-Korbut, I. G. [Afforestation experience in dry farming areas of the plains and foothills in the Chu valley] Opyt oblesenita bogarnykh zemel' ravnin i predgorii Chuiskoi doliny. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 34 p.

CHU VALLEY—RECLAMATION OF LAND

Rocky soils in the bottom lands of the Chu River and possibilities for their reclamation. N. K. Bazhenov. Izv. AN Kir. SSR no. 1:141-145 '55.

CHU VALLEY—SOILS—ANALYSIS

Rocky soils in the bottom lands of the Chu River and possibilities for their reclamation. N. K. Bazhenov. Izv. AN Kir. SSR no. 1:141-145 '55.

CHUCKS

Rapid-action clamping chucks used on internal grinding machines. M. Z. Lur'e. Stan. i instr. 27 no. 6:25-30 Je '56.

CHUFA

Chufa in the Southeast. M. M. Trofimov. Selkhoz. Povol. no. 6:78-79 Je '56.

CHUKCHI NATIONAL AREA—DESCRIPTION AND TRAVEL

Sun above the tundra. N. Kozlov. Dal'. Vost. 24 no. 3: 153-159 My-Je '56.

CHUKCHI PENINSULA—SUN BATHS

Sun baths on the Chukchi Peninsula. D. N. Shchupak. Vop. kur. fizioter. i tech. fiz. kul't. 21 no. 1:69-70 Ja-Mr '56.

CHUKCHI PENINSULA—TUNDRA

Natural growth of sod in strips. A. V. Ermakov. Priroda 45 no. 8:113-114 Ag '56.

CHUPROV, ALEKSANDR IVANOVICH, 1842-1908

A. I. Chuprov's importance in the development of Russian statistics. S. Ostroumov. Vest. stat. no. 3:59-66 My-Je '56.

CHURCH ARCHITECTURE see subdivision under Crimea

CHURCH CALENDAR

Orthodox Eastern Church, Russian. Patriarch. [Orthodox Church calendar for 1956] Pravoslavnyi tserkovnyi kalendar' na 1956 god. [n. p.] Izd. Moskovskoi Patriarkhii [n. d.] 71 p.

CHURCH PROPERTY see subdivision under Kirghizistan

CHURCHES see subdivision under Echmiadzin; Kiev; Ryazan; also subdivision 'Churches, Orthodox Eastern' under Kharkov, Vladimir

CHUVASHIA—FORAGE PLANTS

How we strengthen the feed supply in animal husbandry. E. Vasil'eva, A. Kuz'minn. Kolkh. proizv. 16 no. 5:23-24 My '56.

CHUVASHIA—FRUIT CULTURE

Improving clones of fruit plants. V. V. Batalov. Sad i og. no. 6:56-57 Je '56.

CHUVASHIA—ROTATION OF CROPS

Practice of using grassland crop rotation in Chuvashia. IA. F. Luk'ianenko. Sel'khoz. Povol. no. 6:10-14 Je '56.

CHUVASHIA—SUDAN GRASS

Sudan grass in Chuvashia. A. A. Kozlov. Sel'khoz. Povol. no. 7:43-46 Jl '56.

CHUYA VALLEY—AMBARY HEMP

Growing ambary hemp in the Lower Chuya Valley. A. Sidorov. Len i konop. no. 5:21-23 Jl '56.

CHYMOTRYPSIN

Enzymatic activity of decomposition products of trypsin, chymotrypsin, and pepsin. M. P. Chernikov. Vop. med. khim. 2 no. 1:59-63 Ja-F '56.

CILICIA—HISTORY

Mikaelian, G.G. [History of the Armenian state of Cilicia] Istoriia kilikiiskogo armianskogo gosudarstva. Erevan, Izd-vo AN Armianskoi SSR, 1952. 534 p. (NN)

CINEMATOGRAPHY

For new camera technique. IA. Tolchan. Isk. kino no. 5: 40-45 My '56.

CINEMATOGRAPHY—FILMS

Film which doesn't burn. P. V. Kozlov. Nauka i zhizn' 23 no. 6:23-24 Je '56.

Formulas for moistening fluids. Kinomekhanik no. 7:33 Jl '56.

Pay attention to the moistening of films on a triacetate base. I. Dmitriev. Kinomekhanik no. 7:32-33 Jl '56.

Preserve the film! A. Shenkman, S. Shpektor. Kinomekhanik no. 7:11-14 Jl '56.

CINEMATOGRAPHY—FILMS (Continued)
Protective lacquer coat for film copies. F. Sherman. Kinomekhanik no. 7:39-40 Jl '56.
25 years behind an assembly table. V. Belik, D. Liutin. Kinomekhanik no. 7:5-6 Jl '56.

CINEMATOGRAPHY—SCIENTIFIC APPLICATIONS
Cinematographic study of the process of coke burning. M. IA. Ostroukhov, L. Z. Khodak, V. V. Lebedev. Priroda 45 no. 7:70-81 Jl '56.

CINEOLE—TOXICOLOGY
Toxicity of cineole for animals. F. D. Dzhumagalieva. Trudy Inst. fiziol. AN Kazakh. SSR 1:134-137 '56.

CIRCUIT BREAKERS, ELECTRIC see Electric circuit breakers

CIRCUITS, ELECTRIC see Electric circuits

CIRCUMSTANTIAL EVIDENCE see Evidence, Circumstantial

CIRCUS
(see also subdivision under Hungary; Moscow)
Bear circus. V. Shakhovskii. Sov. Soiuz no. 4:34 Ap '56.
Mister Clown is 150 years old. Tristan Rémy. V zashch. mira no. 61:65-72 Je '56.

CITIES AND TOWNS
(see also subdivision under Byzantine Empire; Europe, Eastern; Gorkiy; Hungary; Rumania; Soviet Central Asia; Ural Mountain region)
[Our city; a collection] Nash gorod; sbornik. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 215 p.
Study of cities by American geographers ("American geography" [in English]. Reviewed by N. N. Baranskii). Vop. geog. no. 38:257-261 '56.
Study of cities from the point of view of economic geography. I. M. Maergoiz. Vop. geog. no. 38:5-27 '56.
Typology of settling in groups of cities and small villages of the U. S. S. R. V. G. Davidovich. Vop. geog. no. 38: 27-77 '56.

CITIES AND TOWNS—BIBLIOGRAPHY see Bibliography—Cities and towns

CITIES AND TOWNS—BOOK REVIEWS
Geographical literature on industrial center towns. G. M. Lappo. Vop. geog. no. 38:261-265 '56.
Local publications devoted to individual towns. Reviewed by M. N. Stepanov, V. V. Vorob'ev. Vop. geog. no. 38: 266-270 '56.
New foreign books on cities. Books reviewed by N. N. Baranskii. Vop. geog. no. 38:248-257 '56.

CITIES AND TOWNS—GROWTH
Study of migration relations of cities of the U. S. S. R. S. A. Kovalev, E. A. Liamin, A. I. Pakel'. Vop. geog. no. 38:196-210 '56.

CITIES AND TOWNS, RUINED, EXTINT, ETC. see subdivision under Parkhar District

CITRIC ACID
Organic acid content of tomato leaves during the development of the plant [with English summary in insert]. R. IA. Shkolnik. Fiziol. rast. 3 no. 3:253-258 My-Je '56.
Study of oxyacid complexes. Part 1. Potentiometry and polarography of solutions of bismuth complexes with citric acid. I. V. Piatnitskii. Ukr. khim. zhur. 22 no. 3:320-320 '56.

CITRUS FRUITS
Experiment in supplementary pollination of citrus plants. N. L. Burnaeva. Agrobiologiia no. 3:124-126 My-Je '56.

CITY PLANNING see subdivision under Leningrad; Moscow Rostov-on-Don

CIVIL LAW
(see also subdivision under Great Britain)
The Soviet legal system. I. L. Braude. Uch. zap. VIIUN no. 4:3-27 '55.

CIVIL PROCEDURE
The subject of Soviet civil procedure. M. A. Gurvich. Uch. zap. VIIUN no. 4:28-69 '55.

CLASSIFICATION—MANUSCRIPTS
Classifying and establishing headings for letters patent. S. M. Koshtanov. Ist. arkh. no. 3:211-217 My-Je '56.

CLASSIFICATION—MEDICINE
Using the classification of chronic gastritis adopted in the Soviet Army. A. M. Zybov. Voen.-med. zhur. no. 3:25-30 Mr '56.

CLAY
(see also subdivision under Georgia)
Electro-consolidation of weak clayey and oozy subsoils in installation bases. L. I. Kurdenkov. Trudy NII osn. i fund. no. 17:73-92 '52.
Electroosmosis in soils having different degrees of clay content. L. K. Tervinskaia. Trudy NII osn. i fund. no. 17:63-72 '52.
Mechanism of the action of an electric current on a waterlogged cohesive clay mass. V. S. Sharov. Trudy NII osn. i fund. no. 17:47-62 '52.
Study of clay minerals. K. K. Khazanovich. Priroda 45 no. 7:91-93 Jl '56.

CLAY MODELING see Modeling

CLEANING COMPOUNDS
Synthetic anionic cleaning compounds. A. I. Gershenovich. Khim. nauka i prom. 1 no. 3:298-311 '56.

CLEARING OF LAND
Clearing fields of rocks. T. Borshchov. MTS 16 no. 7: 31-32 Jl '56.
Hook for uprooting tree stumps. D. P. Sidorov. Torf. prom. 33 no. 5:35-36 '56.

CLEARINGHOUSE
Problems in the theory and practice of clearing payments. A. Kosoi. Den. i kred. 14 no. 6:17-24 Je '56.

CLIMATE see subdivision under Turkmenistan

CLIMATE AND SOILS see Soils and climate

CLIMATOLOGY
(see also subdivision 'Climate' under Yakutia; Kislovodsk Russia)
Basis of the method of genetic classification of climates. A. G. Bulabuev. Trudy Inst. geofiz. AN Gruz. SSR 12:95-156 '53.

CLOCKMAKING AND WATCHMAKING see subdivision under Minsk

CLOSTRIDIUM NOVYI
Hexokinase of Clostridium oedematiens and certain of its properties [with English summary in insert]. G. F. Shemanova, V. A. Blagoveshchenskii. Biokhimiia 21 no. 3:356-368 My-Je '56.

CLOSTRIDIUM PERFRINGENS
The dehydrogenizing activity of Cl. welchii. M. K. Karpenko. Mikrobiol. zhur. 13 no. 2:62-79 '51.
Effect of a specific bacteriophage on the morphological, cultural, and enzymatic nature of Cl. welchii. B. I. Klein, V. M. Shur-Shul'ts. Mikrobiol. zhur. 9 no. 2/3: 81-87 '48.

CLOTHING, PROTECTIVE
Evaluation of the effectiveness of protective metallized clothing in the electrolysis shop of an aluminum factory. E. V. Gotlib. Gig. i san. 21 no. 7:48-51 Jl '56.

CLOTHING AND DRESS
Attractive and comfortable summer clothes for children. L. Malakhova'ka. Doshk. vykh. 17 no. 6:38-40 Je '56.
Children's fashions. V. Mukhar. Sov. Soiuz no. 6:23 Ag '56.

CLOTHING INDUSTRY see subdivision under Serpukhov

CLOUDS
Characteristics of noctilucent clouds. I. A. Khvostikov. Izv. AN SSSR, Ser. geofiz. no. 7:869-871 Jl '56.
Conditions of formation of cumulus in a mountainous region. N. I. Vul'fson. Izv. AN SSSR, Ser. geofiz. no. 7:821-830 Jl '56.
Noctilucent clouds. V. G. Teifel'. Nauka i zhizn' 23 no. 7:40-50 Jl '56.
Noctilucent clouds in 1955. Astron. tsirk. no. 166:23 '56.
Origin of noctilucent clouds. V. M. Morozov. Izv. AN SSSR, Ser. geofiz. no. 7:865-869 Jl '56.

CLOVER
Clover is the best crop to precede flax. A. Chevzhik. Len i konop. no. 5:19-21 Jl '56.
Effect of the length of the day on the growth and development of red clover. V. F. Koriakina. Trudy Bot. inst. Ser. 4 no. 11:288-317 '56.
Foliar feeding of red clover. P. A. Sergeev. Zemledelie 4 no. 7:115-117 Jl '56.
How molybdenum effects the increase of clover yields on Podzolic soils. V. V. IAkovleva, V. F. Skvortsov. Ud. i ur. 1 no. 5:29-30 My '56.
Studying the root system of red clover. A. F. Terekhova. Bot. zhur. 41 no. 4:553-558 Ap '56.
Surface ensilage of clover. A. Konovalov. Kolkh. proizv. 16 no. 6:31 Je '56.

CLUB MOSSES
Alkaloids of the club mosses. IA. IA. Mushinskii. Apt. delo 5 no. 4:22-26 Jl-Ag '56.

CLUBHOUSES
Concern for the welfare of man should be put above everything. P. Mel'nikov. Kul't.-pros. rab. 17 no. 8: 2-4 Ag '56.
Model plans for a club. G. Vinogradov. Klub 5 no. 5: 16-18 My '56.
The time has come. IA. Sapunkov. Kul't.-pros. rab. 17 no. 8:4-5 Ag '56.

CLUBS see subdivision under Donets Basin

CLUTCHES (MACHINERY)
Cleaning clutch disks. I. Riazantsev. MTS 16 no. 7:37 Jl '56.
Maximum torque of the electromagnetic asynchronous clutch. N. N. Aleksandrov. Elektrichestvo no. 6:22-25 Je '56.
Stepless speed regulation by means of electromagnetic sliding clutches. IA. B. Rozman. Stan. i instr. 27 no. 8:27-31 '56.
Transient and steady-state processes in electric drives with magnetic particle clutches operating under viscous friction. T. A. Glazenko. Shor. nauch. rab. LIMSKII 9: 273-287 '53.

COACERVATES
Ultraviolet microscopy in studying coacervates. T. N. Evreinova. Biofizika 1 no. 2:167-169 '56.

COAGULATION
Kinetics of coagulation and of particle enlargement in sols. O. M. Todes. Probl. kin. i kat. 7:137-172 '40.
Kinetics of the coagulation of sulfur sols (with English summary in insert). S. E. Kharin, I. V. Chalkovskaia. Koll. zhur. 18 no. 3:350-361 My-Je '56.

COAL
(see also subdivision under Soviet Far East)
Agroskin, A. A., and others. [Increase of the weight of coal per cubic meter by microadditives of liquid hydrocarbon; a collection of articles] Uvolichenie nasypnogo vesa uglia mikrodobavkami uglevodorodnykh zhidkostei; sbornik rabot. Predisl. G. M. Krzhizhanovskogo. Moskva, Izd-vo Akademii nauk SSSR, 1947. 398 p.
Bactericidal properties of coal which causes eye injuries in blast accidents in miners. L. B. Zats. Oft. zhur. 11 no. 1:4-8 '56.
Ruppeneit, K. V. [Mechanical characteristics of rock] Mekhanicheskie svoistva gornykh porod. Moskva, Ugletekhizdat, 1956. 321 p.
Sladnikov, G. L. [Spontaneously combustible coal and rock, their geochemical characteristics and methods of indentification] Samovozgoraiushchiesia ugli i porody, ikh geokhimicheskaia kharakteristika i metody opoznavaniia. Moskva, Ugletekhizdat, 1956. 276 p.

COAL—ANALYSIS
(see also subdivision under Kirghizistan)
Changes in the properties of coal during oxidation and heating. A. I. Khrisanfova, G. N. Soboleva. Khim. i tekh. topl. no. 2:45-53 F '56.
Chemical composition of coals and their change in the process of oxidation. V. I. Zabavin and others. Khim. i tekh. topl. no. 5:23-31 My '56.
Unified nomenclature in coal petrology (all-Union conference in Moscow). I. V. Eromin. Vest. AN SSSR, 26 no. 7:85 Jl '56.

COAL—CARBONIZATION
Effect of rate of heating in semicoking of coals on the quality of initial tar. IU. I. Turskii. Khim. i tekh. topl. no. 3:59-70 Mr '56.
Expansion of the coke channel in the electric treatment of coal. G. I. Barenblatt. Dokl. AN SSSR 108 no. 2:230-242 My '56.
Expansion of the conducting channel during the processing of solid mineral fuel by electric current. G. I. Barenblatt. Izv. An SSSR, Otd. tekh. nauk no. 7:125-128 Jl '56.
Experimental coking of coals enriched by centrifugal separation. G. V. Speranskaia, A. S. TSynovnikov, B. I. Shtromberg. Koks i khim. no. 4:8-11 '56.
Industrial coking of Transcaucasian coals. D. A. Charniak. Koks i khim. no. 4:3-8 '56.

COAL—COSTS
Evaluation of developed deposits and the cost of coal in open pit mining. V. V. Rzhevskii, N. A. Malusheva. Ugol' 31 no. 7:19-23 Jl '56.

COAL—ELECTRIC PROPERTIES
Change in the electric resistance of coal varieties in the course of thermal and dielectric heating. IU. B. Tiutiunnikov. Khim. i tekh. topl. no. 6:20-25 Je '56.
Expansion of the conducting channel in processing solid fuel deposits by using electric current. S. T. Bondarenko. Izv. AN SSSR, Otd. tekh. nauk no. 6:108-112 Je '56.
Temperature field in heating coal by electric current. V. K. Krukovskii, I. L. Farberov. Izv. AN SSSR, Otd. tekh. nauk no. 6:101-107 Je '56.

COAL—STANDARDS
Standardizing the method of determination of the oxygen content of coal. M. IU. Grigor'ev. Standartizatsiia no. 3:36-40 My-Je '56.

COAL, PULVERIZED
Air chute for feeding pulverized coal. A. V. Agafonov. Elek. sta. 27 no. 6:40 Je '56.
The blow-in of pulverized coal through tuyeres to the blast furnace hearth. V. I. Loginov and others. Metallurg. no. 4:10-12 Ap '56.

COAL GASIFICATION

Producing power-plant gas from Angren coal in fountain-type generators. I. G. Druzhinin, N. D. Taskaev. Izv. AN Kir. SSR no. 1:37-46 '55.

Production of water gas from anthracite. K. E. Makhorin, N. N. Dobrokhotov. Trudy Inst. isp. gaza AN URSR 3:3-17 '55.

COAL GASIFICATION, UNDERGROUND

Underground gas producers. Ogonek 34 no. 30:14 Jl '56.

COAL GEOLOGY see subdivision under Kuznetsk Basin

COAL-HANDLING MACHINERY
(see also subdivision under Donets Basin)

Mechanized feeding of coal into an external boiler furnace. A. Protsenko. Moloch. prom. 17 no. 5:35-36 '56.

The operation of SKR-11 conveyers with two drives. N. Furmanenko. Mast. ugl. 5 no. 7:6-7 Jl '56.

COAL INDUSTRY—FINANCE

Budnitskii, I.M. [Working capital in the coal industry] Oborotnye sredstva ugol'noi promyshlennosti. Moskva, Ugletekhizdat, 1956. 58 p. (Nauchno-prolzvodstvennaia literatura po voprosam ekonomiki)

COAL MINERS see subdivision under Donets, Basin; Germany, West; Japan; Kuznetsk Basin

COAL MINES AND MINING
(see also subdivision under Angren Basin; Chelyabinsk Basin; China; Donets Basin; Kiangsi Province; Moscow Basin; Norilsk; Raichikhinsk; Ukraine; Ural Mountains)

Changing the wage system in coal mining. G. IA. Burshtein. Ugol' 31 no. 7:36-39 Jl '56.

Five hundred and ninety-three million tons. L. E. Grafov. Sov. Soiuz no. 7:5 Jl '56.

Griner, A.S., and M.N. Geleskul. [Engineering essentials for beginning miners] Tekhminimum dlia nachinaiushchikh rabotat' na shakhte. Moskva, Ugletekhizdat, 1956. 137 p.

How to organize coal miners' wages. A. Gogin. Sots. trud. no. 6:63-64 Je '56.

Kar'kov, Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva. [Organization diagrams for working horizontal and inclined shafts] Skhemy organizatsii provedeniia gorizontal'nykh i naklonnykh gornykh vyrabotok. Moskva, Ugletekhizdat, 1955. 143 l.
[MICROFILM]

Kulikov, P.K. [Methods of exploring dislocations of strata] Metody poiskov smeshchennogo kryla plasta. Moskva, Ugletekhizdat, 1956. 31 p.

More coal for our country ("More coal in the sixth five-year plan." Reviewed by N. Litvinenko). Komm. Kazakh. 26 no. 8:58-62 Ag '56.

New method of developing sloping faces. G. M. Liakhov. Vest. AN SSSR 26 no. 7:43-44 Jl '56.

A radical reorganization is indispensable. A. Grinev. Sots. trud. no. 6:6-62 Je '56.

Reinforced concrete supports. L. Iaskov. Nauka i zhizn' 23 no. 6:51 Je '56.

Some figures and conclusions to be drawn from them. A. Dovba, V. Nikol'skii. Sots. trud. no. 6:57-60 Je '56.

["Sun stone"; a sketch of the film] Solnechnyi kamen'; ocherk o fil'me. [Moskva] Iskusstvo [1956] 24 p. (Biblioteka sovetskogo kinozritelia)

The textbook ("The opening and systems of working coal deposits." I. P. Rybakov. Reviewed by S. I. Kotliarov). Sred. spets. obr. no. 8:62-63 Ag '56.

We shall celebrate the miner's day in a worthy manner. Mast. ugl. 5 no. 7:1-2 Jl '56.

"Working thick pitching seams by using hydraulic filling of mined areas." B. M. Vorob'ev. Reviewed by V. V. Dobrovol'skii, A. G. Malyshev. Ugol' 31 no. 7:44-45 Jl '56.

COAL MINES AND MINING—ACCIDENTS
(see also subdivision under Marcinelle, Belgium)

Bactericidal properties of coal which causes eye injuries in blast accidents in miners. L. B. Zats. Ofi. zhur. 11 no. 1:4-6 '56.

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Screw jack. A. Krakhmalev, I. Sinitsa. Mast. ugl. 5 no. 7:24 Jl '56.

COAL MINES AND MINING—EXPLOSIVES

Effect of the explosive charge shape on the area to be demolished. P. S. Danchev. Izv. AN Kir. SSR no. 1:69-80 '55.

COAL MINES AND MINING—PERIODICALS

"Ugol'" during 1955. Ugol' 31 no. 7:45-46 Jl '56.

COAL MINES AND MINING—STUDY AND TEACHING
see subdivision under Sverdlovsk, Verkhniy

COAL MINES AND MINING—STATISTICS

The coal industry in the sixth five-year plan (facts and figures). Blok. sgit. vod. transp. no. 14:43-46 Jl '56.

COAL MINING MACHINERY
(see also subdivision under Cheremkhovo Basin; Karaganda Basin)

Cooperation among efficiency workers and machine builders. Mast. ugl. 5 no. 7:26 Jl '56.

The "Donbass-2" cutter-loader. I. Vinnikov. Mast. ugl. 5 no. 7:22-23 Jl '56.

Dorokhov, M.I., and K.I.Ivanov. [Mechanization and organization of drifting in coal mines] Mekhanizatsiia i organizatsiia provedeniia podgotovitel'nykh vyrabotok. Moskva, Ugletekhizdat, 1956. 215 p.

For overall mechanization of the process of production. Mekh. trud. rab. 10 no. 7:3-4 Jl '56.

Increasing labor productivity is a most important task for the coal industry. A. K. Kharchenko. Ugol' 31 no. 7:31-35 Jl '56.

New equipment for development openings. C. Kh. Klorik'ian. Ugol' 31 no. 7:2-10 Jl '56.

A pamphlet about foreign loading machines. Reviewed by I. L'vov. Mast. ugl. 5 no. 7:31 Jl '56.

Reduce labor expenditure in every workshift. L. Kopeika. Mast. ugl. 5 no. 7:5-6 Jl '56.

Sikov, A.L., and G.E.Shevchenko. [K-14 cutter-loader] Ugol'nyi kombain K-14. Moskva, Ugletekhizdat, 1956. 46 p. (Novaia tekhnika)

This is the new equipment. A. Arkhangel'skii. Tekh. mol. 24 no. 6:11-12 Je '56.

COAL PREPARATION

Artiushin, S.P. [Dewatering and dust separation in coal preparation plants] Obezvozhivanie i pyleulavlivanie na ugleobogatitel'nykh fabrikakh. Moskva, Ugletekhizdat, 1956. 74 p.

Closed-cycle sludge-water system. V. N. Shlomov, K. D. Voronov, V. N. Perov. Koks i khim. no. 4:19-22 '56.

Desulfuration of unclassified coal fines by the combined gravity-flotation method. I. M. Verkhovskii, I. I. Vinogradov. Koks i khim. no. 4:11-17 '56.

Dynamics of coal drying. M. G. Reznik, E. IA. Eidel'man. Khim. i tekh. topl. no. 7:36-44 Jl '56.

Economic effectiveness of preparing coal for use in power engineering. P. A. Chekhovskoi. Ugol' 31 no. 7:23-31 Jl '56.

Emel'ianov, D.S. [Coal flotation] Flotatsiia uglia. Moskva, Ugletekhizdat, 1956. 112 p.

Enrichment of coal fines. P. A. Kopychev. Koks i khim. no. 4:17-19 '56.

Interplant school of flotation. G. F. Voznyi. Koks i khim. no. 4:23-27 '56.

Khva, V.L. - [Jigging coal in an aqueous medium] Otsadka uglia v vodnoi srede. Moskva, Ugletekhizdat, 1956. 115 p.

Poliakov, L.L., P.P.Babin, and V.IA. Anilovich. [AG dewatering screens; their theory, construction and operation] Obezvozhivaiushchie amortizatsionnye grokhoty AG; teoriia, konstruktsiia, ekspluatatsiia. Khar'kov, Gos. nauchno-tekhn. izd-vo lity-ry po chernoi i tsvetnoi metallurgii, 1956. 116 p.

Sudenko, A.M., and A.F.TSarevskii. [Problems of economizing electric power in coal preparation plants] Voprosy ekonomii elektroenergii na ugleobogatitel'nykh fabrikakh. Moskva, Ugletekhizdat, 1956. 70 p.

COAL-TAR COLORS

Use of butyl acetate in the purification of aniline-dye industrial effluents. A. M. Koganovskii, P. N. Taran. Ukr. khim. zhur. 22 no. 3:401-404 '56.

COAL-TAR INDUSTRY

Moscow. Tsentral'nyi institut informatsii chernoi metallurgii. [Steel industry of capitalist countries] Chernaia metallurgiia kapitalisticheskikh stran. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Pt. 6. Levin, E.B. [Coal-tar chemical industry] Koksokhimicheskoe proizvodstvo. 1956. 351 p.

COAL-TAR PRODUCTS

Causes of emulsion formation in naphthalene oil. A. E. Eidel'man, A. M. Kaznacheev. Koks i khim. no. 4:53-54 '56.

COAL TRADE see subdivision under Italy

COAL WEATHERING

Coal weathering characteristics in connection with the petrographic composition. T. A. Kukharenko, Z. A. Ryzhova. Khim. i tekh. topl. no. 4:20-30 Ap '56.

COAXIAL CABLES

Demodulation of modulated television signals having unsymmetrical side bands. A. K. Oksman. Elektrosviaz' 10 no. 7:3-21 Jl '56.

Investigation of the effect of an accompanying flow on the quality of the television image and normalizing the magnitude of the accompanying flow. V. M. Shtein. Sbor. nauch. rab. po prov. sviazi. no. 5:9-24 '56.

COBALT

Polarographic determination of nickel and cobalt ions in absolute ethyl alcohol. IA. I. Turian, G. E. Teper, L. F. Redchenko. Trudy Kom. anal. khim. 7:162-169 '56.

Separation of cobalt during electrolysis of zinc solutions. Z. A. Sheka. Ukr. khim. zhur. 22 no. 3:394-400 '56.

Some characteristics of the feeds of Kazakhstan and their effect on the productivity of animals. P. N. Kozenkov. Zhivotnovodstvo no. 6:60-63 Je '56.

COBALT—ISOTOPES

Adjustable container for gamma-ray flaw detectors using radioactive cobalt. I. F. Kuznetsov. Sudostroenie 22 no. 4:37-39 Ap '56.

Comparision of the biological action of roentgen irradiation and that of irradiation with radioactive cobalt. S. N. Aleksandrov, K. P. Galkovskaia, IU. G. Zil'berg. Med. rad. 1 no. 2:80-87 Mr-Ap '56.

Treatment of cancer of the cervix uteri with radiocobalt in a gamma-ray apparatus in association with intracavitary irradiation. M. G. Shcherbina, L. M. Stukova. Vest. rent. i rad. 31 no. 3:26-31 My-Je '56.

COBALT-NICKEL-PALLADIUM ALLOYS see Palladium-cobalt-nickel alloys

COCARBOXYLASE

The thiochrome method for determining vitamin $B_1$ and cocarboxylase in biological substances. Report no. 2: Determining cocarboxylase in urine, blood, and tissues. H. D. IEfimicheva. Ukr. biokhim. zhur. 23 no. 4:376-381 '51.

COCCOLITHOPHORIDAE, FOSSIL

Palaeogenic coccolithophoridae and their stratigraphic importance. I. A. Shumral, E. P. Lazarova. Dokl. AN SSSR 108 no. 4:711-714 Je '56.

CODIFICATION—LAW see Law—Codification

CODLING MOTH

Yellow Trichogramma in the control of the codling moth. V. F. Volkov, N. P. Dindochko. Sad i og. no. 6:51-52 Je '56.

COGNAC see Brandy

COILS, ELECTRIC see Electric coils

COINS, ANCIENT see subdivision under Tajikistan

COKE

Agroskin, A.A., and others. [Increase of the weight of coal per cubic meter by microadditives of liquid hydrocarbon; a collection of articles] Uvelichenie nasypnogo vesa uglia mikrodobavkami uglevodorodnykh zhidkostei; sbornik rabot. Predisl. G. M. Krzhizhanovskogo. Moskva, Izd-vo Akademii nauk SSSR, 1947. 308 p.

Catalytic cracking of vapor-gas products of coal semi-coking. V. A. Zhukov and others. Trudy LIEI no. 8:97-108 '55.

Change in the electric resistance of coal varieties in the course of thermal and dielectric heating. IU. B. Tiutiunnikov. Khim. i tekh. topl. no. 6:20-25 Je '56.

Cinematographic study of the process of coke burning. M. IA. Ostroukhov, L. Z. Khodak, V. V. Lebedev. Priroda 45 no. 7:76-81 Jl '56.

Expansion of the coke channel in the electric treatment of coal. G. I. Barenblatt. Dokl. AN SSSR 108 no. 2:239-242 My '56.

Expansion of the conducting channel in processing solid fuel deposits by using electric current. S. T. Bondarenko. Izv. AN SSSR. Otd. tekh. nauk no. 6:108-112 Je '56.

Increasing the content of the 60-80 mm fraction in metallurgical coke. V. L. Krol'. Koks i khim. no. 4:32-40 '56.

Preparation of pitch for pitch coke production. M. A. Stepanenko, N. I. Matusiak. Koks i khim. no. 4:55-58 '56.

Temperature field in heating coal by electric current. V. K. Krukovskii, I. L. Farberov. Izv. AN SSSR. Otd. tekh. nauk no. 6:101-107 Je '56.

COKE INDUSTRY see subdivision under China

COKE INDUSTRY—EQUIPMENT AND SUPPLY
(see also subdivision under Kharkov; Zaparozhye)

Automatic control of saturators. A. S. Benevol'skii. Koks i khim. no. 4:64 '56.

COKE-OVEN GAS

Removal of hydrogen sulfide from coke gas by circulating washing under pressure ("Gluckauf" no. 91 August 1955). Koks i khim. no. 4:3 of cover '56.

COKE OVENS

All-Union conference of coke-oven plant workers. Metallurg no. 3:23-24 Mr '56.

Comments on the article of R. Z. Lerner "Changing the coking unit layout for a considerable increase in the number of ovens per battery." Koks i khim. no. 4:40-44 '56.

New construction of coke ovens. I. M. Smorodo. Koks i khim. no. 4:59-61 '56.

Temperature control of ovens with wide-open top dampers. A. I. Pliner, V. A. Kushnarev. Koks i khim. no. 4:63 '56.

COLCHIS—PROSPECTING—GEOPHYSICAL METHODS

The state of seismic investigation of Colchis. G. M. Prangishvili. Trudy Inst. geofiz. AN Gruz. SSR 14:103-112 '55.

COLCHIS—SEISMOLOGY

The state of seismic investigation of Colchis. G. M. Prangishvili. Trudy Inst. geofiz. AN Gruz.SSR 14: 103-112 '55.

COLD—PHYSIOLOGICAL EFFECT

Conditioning preschool children with cold water baths and its hygiene effectiveness. O. T. Tarasova. Gig. i san. 21 no. 7:30-34 Jl '56.

Effect of low temperatures on isolated epithelial cells of white mice and frogs. V. P. Troshina, V. A. Shturm. Biul. eksp. biol. med. 42 no. 7:63-66 Jl '56.

COLD (DISEASE)

Role of colds in the etiology of digestive disturbances in children. M. S. Data-Epshtein. Pediatriia 39 no. 3:88 My-Je '56.

Role of microclimate in the dynamics of colds. N. A. Rinbko. Voen.-med. zhur. no. 4:48-51 Ap '56.

COLD STORAGE—HYGIENIC ASPECTS

Hygienic measures in cold storage warehouses. N. M. Ginzburg. Veterinariia 33 no. 8:54-57 Ag '56.

COLD STORAGE—INSULATION

Life of insulated elements of cold-storage units for storing sausages in meat combines. P. Pirog. Mias. ind.SSSR 27 no. 3:27-32 '56.

COLD STORAGE WAREHOUSES see subdivision under France; United States

COLITIS

Chronic colitis. O. L. Gordon. Zdorov'e 2 no. 6:14-15 Ag '56.

COLLAGEN

Structure and specific properties of collagen. A. L. Zaides. Biofizika 1 no. 3:270-283 '56.

COLLECTIVE FARMS

(see also subdivision under Altai Territory; Bragin District; China District; Kazakhstan, Khakhass Autonomous Province; Korolichi District; Medvenka District; Novo-Mirhorod District; Odessa Province; Rostov Province; Stalinabod; Tajikistan; Tambov Province; Tyumen' Province; Ukraine; Uzbekistan; Vilkiya District; White Russia; Zhlobin District)

Amendments to the regulations of our artel. O. A. Koshel'kov. Mosk. kolkh. 5 no. 6:28 Je '56.

Bocharov, A. T. [Advance payment of collective farm employees] Avansirovanie kolkhoznikov. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 33 p. (DS)

Calculating the cost of collective farm productions. M. Chernovetskii. Vop. ekon. no. 7:115-120 Jl '56.

Closer to collective farm production. F. Bondarenko. Sots. kul't. 0 no. 6:21 Je '56.

The club and activities of the collective farm. A. Nemchenok. Kul't.-pros. rab. 17 no. 7:8-10 Jl '56.

The club is helping the collective farm. A. R. Morozov. Nauka i pered. op. v sel'khoz. no. 6:62 Je '56.

[Collective farm calendar] Kalendar' kolkhoznika na 1956 god. Moskva, Sel'khozgiz, 1955. 1 v. (DS)

Collective farm leaders. T. Nekrasov. Mosk. kolkh. 5 no. 6:39-40 Je '56.

Collective farm pensioners. Sov. Soiuz no. 7:26-29 Jl '56.

Collective farmers review the statutes. M. Sheko. Kolkh. proizv. 16 no. 7:2-4 Jl '56.

Composite crews on collective farms. P. Lapilov. Kolkh. proizv. 16 no. 7:12-13 Jl '56.

Consultation. Sel'. stroi. 11 no. 7:30-31 Jl '56.

The cost of collective farm production. S. Dzarasov. Vop. ekon. no. 8:105-113 Ag '56.

Dissemination of great party plans. V. Tishchenko. Sots. kul't. 0 no. 6:0-11 Je '56.

The economy of the collective farm is gaining strength. I. Pshenichnyi, A. Dragomiretskii. Kolkh. proizv. 16 no. 5:6-7 My '56.

The flood. Vladimir Pribytkov. Mol. kolkh. 23 no. 7: 9-10 Jl '56.

From the pages of newspapers and periodicals. Blok. agit. no. 20:31-36 O '56.

How labor expense is lowered and increased production attained on collective farms. I. Satin. Otv. na vop. trud. no. 60:32-40 '56.

Improve the collective farm economy in every way possible. Kolkh. proizv. 16 no. 7:1 Jl '56.

In the struggle for the fulfillment of the five-year plan of the collective farm. T. Semenikhin, G. Ustiugov. Kolkh. proizv. 16 no. 6:11 Je '56.

The industry of collective farmers is the basis of our successes. B. Babenko, M. Mel'nik. Kolkh. proizv. 16 no. 7:8-9 Jl '56.

Kamaletdinov, S. [In a consolidated collective farm] V ukrupnennom kolkhoze. Kazan', Tatgosizdat, 1952. 45 p. (DA)

Labor resources are being misused. G. Doroshchenkov. Kolkh. proizv. 16 no. 5:7-8 My '56.

The law of collective farm life. Adyl Normatov. Zvezda Vostu 24 no. 6:106-110 Je '56.

Let's fulfill the five-year plan in two years. M. Annenko. Kolkh. proizv. 16 no. 6:7-9 Je '56.

Let's increase the output of agricultural products. S. Solov'ev. Kolkh. proizv. 16 no. 6:9-10 Je '56.

Lively stories on the experience of the thirty thousand ("First steps of the thirty thousand." Reviewed by I. Petrova). Nauka i pered. op. v sel'khoz. no. 6:95 Je '56.

Melbom, B. G. [The Stalin collective farm livestock sections] Zhivotnovodcheskie fermy kolkhoza imeni Stalina. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1952. 49 p. (DA)

More production and lower costs. S. S. Leitan. Nauka i pered. op. v sel'khoz. no. 6:57-59 Je '56.

Mutual aid. V. Efimov. Sov. zhen. 12 no. 10:45 O '56.

New life on the Kuibyshev Collective Farm at Shilda, Kvareli District. I. V. Chkonia. Mat. po etn. Gruz. no. 7:5-29 '55.

Pensioning on a collective farm. L. Dolzhanskii. Sots. obesp. 17 no. 3:18-21 Mr '56.

Planning and construction of central settlements of collective farms on virgin lands. M. Mikhalchenkov. Sel'. stroi. 11 no. 6:24-27 Je '56.

Sdobnov, S. I. [Origin and development of collective farm property in the U. S. S. R.] Vozniknovenie i razvitie kolkhoznoi sobstvennosti v SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 190 p.

Serving cultural and practical needs of the collective farmers. Kolkh. proizv. 16 no. 7:14-15 Jl '56.

Socialist competition in action. A. S. Ivanov. Mosk. kolkh. 5 no. 7:30 Jl '56.

Studying the economic efficiency of various sectors of the communal economy of collective farms. G. Kotov. Vop. ekon. no. 8:94-104 Ag '56.

Statutes of a collective farm. Part. zhizn' no. 13:10-18 Jl '56.

Trifonova, T. K. [Collective farm villages in contemporary literature] Kolkhoznaia derevnia v sovremennoi literature. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 17)

Use of horses on a leading collective farm. S. Karpov. Konevodstvo 26 no. 9:14-15 S '56.

Using the workday to measure labor productivity on collective farms. M. Lola. Vop. ekon. no. 7:121-131 Jl '56.

Vladimir draft horses on the "Put' Il'icha" Collective Farm. E. Chernysheva. Konevodstvo 26 no. 9:25-26 S '56.

We live and work according to new regulations. L. N. Shmidt. Mosk. kolkh. 5 no. 7:30-40 Jl '56.

With us on the "Krasnyi Orongoi." Dashinima TSyrenzhapov. Svet nad Baik. no. 3:3-10 My-Je '56.

COLLECTIVE FARMS—ACCOUNTING

(see also subdivision under Bronnitsy District; Ukraine; White Russia)

Amortization funds on collective farms. Z. Gor'kaeva. Vop. ekon. no. 8:147-150 Ag '56.

Changes in the collective farm accounting. Kolkh. proizv. 16 no. 6:40-44 Je '56.

How collective farm drivers are paid. Mekh. sil'. hosp. 7 no. 6:3 of cover Je '56.

Introduces the fundamentals of business accounting. M. S. Lin. Sots. tvar. 26 no. 6:7-11 Je '56.

Keeping records on the working capital of the collective farm. Kolkh. proizv. 16 no. 7:30 Jl '56.

Method of calculating cost of production on collective farms. V. Slobodin, E. Fishman. Sots. sel'khoz. 27 no. 5:53-65 '56.

Mitiushkin, T. S. [Analyzing the economic management of collective farms] Analiz khoziaistvennoi deiatel'nosti kolkhozov. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 4)

"Operational accounting of collective farms," I. Levitin. Reviewed by N. Goncharov. Vest. stat. no. 3:91-95 My-Je '56.

Recording workdays. Kolkh. proizv. 16 no. 7:37-38 Jl '56.

COLLECTIVE FARMS—FINANCE

Monthly advance payments to collective farmers. N. Sidelkin. Kolkh. proizv. 16 no. 5:5 My '56.

COLLECTIVE FARMS—HISTORY see subdivision under Tajikistan

COLLECTIVE FARMS—PRODUCTION STANDARDS

Setting up work norms for weeding and harvesting. L. Ionkina, A. Khludenev. Kolkh. proizv. 16 no. 5: 9-10 My '56.

COLLECTIVE LABOR AGREEMENTS see subdivision under France; Sweden

COLLEGE AND SCHOOL DRAMA see subdivision under Moscow

COLLEGE AND SCHOOL PERIODICALS see subdivision under United States

COLLISIONS (NUCLEAR PHYSICS)

Accounting for the effect of noncentral forces on bremsstrahlung in neutron-proton collisions. B. L. Timan. Zhur. eksp. i teor. fiz. 30 no. 5:881-883 My '56.

One-meson and nonmeson annihilation of antinucleons. B. M. Pontecorvo. Zhur. eksp. i teor. fiz. 30 no. 5:947-948 My '56.

Production of nuclear "stars" by $\gamma$-quanta. IU. A. Vdovin. Zhur. eksp. i teor. fiz. 30 no. 5:955-957 My '56.

COLLISIONS AT SEA—PREVENTION

On Captain P. Vasilevskii's article. G. Plotko. Mor. flot 16 no. 6:14-15 Je '56.

Using course angle grids to define the course and speed of a vessel located by radar. P. Vasilevskii. Mor. flot. 16 no. 6:12-13 Je '56.

COLLOIDS

Bounded inhomogeneous surfaces of disperse systems. B. P. Bruns. Probl. kin. i kat. 7:436-451 '49.

Colloidal minerals and their role in paleogeographical study of the Neocene period in the southern Tajikistan lowland. S. Usupova. Dokl. AN Tadzh. SSR no. 14: 23-29 '55.

Experimental problems in statistics of dispersion for course disperse systems. N. A. Figurovskii. Probl. kin. i kat. 7:9-27 '49.

Gelation of dilute sols and suspensions (with English summary in insert). I. F. Efremov. Koll. zhur. 18 no. 3:270-284 My-Je '56.

Kinetics of coagulation and of particle enlargement in sols. O. M. Todes. Probl. kin. i kat. 7:137-172 '49.

X-ray analysis of dispersivity. G. A. Khachkuruzov. Probl. kin. i kat. 7:26-58 '49.

COLONATE

The colonate in the Eastern Roman Empire during the 5th and 6th centuries. A. R. Korsunskii. Viz. vrem. 9:45-77 '56.

COLONIES

Although visas were refused, the seminar took place. Ibnu Musteri. Vsem. stud. nov. 10 no. 6/7:21-23 Jo-Jl '56.

The crisis and disintegration of the colonial system of imperialism requires a deep and thorough study [with English summary in insert]. A. A. Guber. Sov. vostokoved. no. 3:3-14 '56.

COLONIES—LAW

Downfall of the colonial system and its influence on international law. S. V. Molodtsov. Sov. gos. i pravo no. 5: 79-80 '56.

COLOR

Fundamental features in the field of color contrast; concerning M. S. Smirnov's and M. M. Bongard's article "On contrasting colors." N. T. Fedorov. Biofizika 1 no. 2:178-182 '56.

On contrasting colors. M. S. Smirnov, M. M. Bongard. Biofizika 1 no. 2:174-177 '56.

COLOR BLINDNESS

Movements of the eye in achromates. A. L. IArbus. Trudy Inst. biol. fiz. no. 1:160-171 '55.

COLOR PHOTOGRAPHY

Defense of dissertations. K. V. Chibisov. Zhur. nauch. i prikl. fot. i kin. 1 no. 3:236 My-Je '56.

Special case of vertical effect in the development of multilayer color films. IU. B. Vilenskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 3:206-208 My-Je '56.

COLOR REACTIONS

Color reaction for phenols with ferric chloride. V. I. Kuznetsov. Trudy Kom. anal. khim. 7:174-193 '56.

New color reaction of antipyrine. N. P. IAvorskii. Apt. delo 5 no. 4:40-41 Jl-Ag '56.

COLOR SENSE

Hypothesis of the clusters of color receptors. M. S. Smirnov, M. M. Bongard. Trudy Inst. biol. fiz. no. 1: 158-161 '55.

New classification of the forms of color sense. G. N. Rautian. Biofizika 1 no. 3:245-253 '56.

Threshold and colorimetric methods for studying color sense. M. S. Smirnov, M. M. Bongard. Biofizika 1 no. 2:158-162 '56.

COLOR TELEVISION

Color television. Mol. mira no. 5:6 '56.

COLORIMETRY

Application of qualitative reactions to the colorimetric determination of copper and nickel. M. M. Raines, IU. A. Larionov. Trudy Kom. anal. khim. 7:295-299 '56.

Colorimetric determination of aniline based on diazotization and formation of azo compounds. B. V. Ponomarenko. Trudy Kom. anal. khim. 7:289-294 '56.

Determining the thoroughness of the washing of oils. A. G. Stiazhkina. Masl.-zhir. prom. 22 no. 4:18-20 '56.

New colorimetric reactions for the determination of antimony. A. I. Kokorin, N. A. Polotebnova. Trudy Kom. anal. khim. 7:205-210 '56.

COLORIMETRY (Continued)

Preparation of solid narrow-banded light filters for colorimetry in the spectral region of 3100 - 3600 Å. S. N. Andreyev, V. G. Khaldin. Trudy Kom. anal. khim. 7:201-204 '56.

Rating Schbatin's method for determining ammonia. G. M. Eglazarov. Vest. sanit. khar. no. 6:37 Je '51.

Use of dithizone in the colorimetric determination of zinc in drinking water. M. D. Manita. Trudy Kom. anal. khim. 7:304-309 '56.

COLORING OF METALS see Metals—Coloring

COMBINES (AGRICULTURAL MACHINERY)
(see also subdivision under Great Britain)

Avoid losses in harvesting corn. L. S. Kuzhel. Mekh. kolkh. 5 no. 9:9-10 Ag '56.

Cost of combine harvesting. A. Belozertsev. MTS 16 no. 5:23-24 My '56.

For productive results in operating the KU-2 combine. T. T. Ilyichenko. Mekh. sil'. hosp. 7 no. 7:7-8 Jl '56.

Harvesting corn with grain combines in Krasnodar Territory. N. Kuznetsov. MTS 16 no. 7:24-25 Jl '56.

Harvesting peas with self-propelled combines. P. Inaov, S. Bychkov. MTS 16 no. 7:29-30 Jl '56.

How we obtained high productivity with combine-type beet harvesters. G. A. Klimenko, A. K. Mel'nik. Sakh. svekl. no. 4:32-36 Je '56.

Hydraulic machine for controlling the combine reel. O. I. Petrunov, V. Ш. Komaritsov. Mekh. sil'. hosp. 7 no. 6: 32-3 of cover Je '56.

Kurnyshov, V. M. [Over-all mechanization of harvesting] Komplekennata mekhanizatsiia uborki. Kazan', Tatknigoizdat, 1955, 41 p.
DA)

Lost motion on turns and the coefficient of working runs in harvesting with tractor-drawn combines. S. A. Iofinov. Shor. nauch. rab. LIMSKH 9:100-202 '53.

Mechanized harvesting of corn. I. Ershikin. Tekhanv. MTS 17 no. 13:1-12 Jl '56.

Mechanized harvesting of peas. G. V. Gultaev, A. I. Pomogaeva. Sel'khoz. Povol. no. 6:60-62 Je '56.

My experience in the highly productive use of combines. V. G. Morev. Sovkhoz. proizv. no. 7:61-64 Jl '56.

My work practice with the pull-type combine. N. Chamara. MTS 16 no. 7:7-8 Jl '56.

My work with the SKEM-3 combine. O. L. Thytiuryk. Mekh. sil'. hosp. 7 no. 8:1-1 Ag '56.

New corn and ensilage harvester. N. Ш. Resnik. Mekh. sil'. hosp. 7 no. 6:28-30 Ag '56.

Operating combines in groups. S. O. Karpenko. Mekh. sil'. hosp. 7 no. 6:14 Je '56.

Operating ensilage harvesters in the Zadnakaya Machine-Tractor Station. N. Kubrak. MTS 16 no. 7:26-27 Jl '56.

Practice of combine group work. P. V. Medvedev. Mekh. sil'. hosp. 7 no. 7:6-8 Jl '56.

[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer non. 9-10 S-O '56.

Theory of the topping mechanisms in beet-harvesting machines. P. M. Vasylenko, V. O. Kutakovskyi. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 4:51-60 '54.

Threshing hemp with the C-4 combine. I. Andriashchenko, P. Gorlatnov. Len i konop. no. 5:34-35 Jl '56.

Using the KKP-2 potato combine. P. M. Nautenko. Mekh. sil'. hosp. 7 no. 7:16-17 Jl '56.

We shall harvest rapidly and without losses. P. A. D'iakonov. Sel'khoz. Povol. no. 7:7-10 Jl '56.

Work practice in operating the flax combine. A. V. Smakhov, I. A. Panchenko. Len i konop. no. 5:20-22 Jl '56.

COMBINES (AGRICULTURAL MACHINERY)—TRANSMISSION DEVICES

Studying differentials for high-efficiency machines. M. S. Gorbunov. Shor. nauch. rab. LIMSKH 9:170-197 '53.

COMBUSTION

Changes in the properties of coal during oxidation and heating. A. I. Khrisanfova, G. N. Soboleva. Khim. i tekh. topl. no. 3:46-53 F '56.

Chemical composition of coals and their change in the process of oxidation. V. I. Zabavin and others. Khim. i tekh. topl. no. 5:23-31 My '56.

Cinematographic study of the process of coke burning. M. IA. Ostroukhov, L. Z. Khodak, V. V. Lebedev. Priroda 45 no. 7:78-81 Jl '56.

Combustion of coal in a test cyclone furnace. M. A. Nadzharov. Teploenergetika 3 no. 7:45-49 Jl '56.

Intensifying the combustion of moist block peat. A. P. Smirnov. Elek. sta. 27 no. 6:13-14 Je '56.

Investigating the combustion of gaseous mixtures in a piston engine. A. I. Bleshinskii. Trudy Inst. inp. gaza AN URSR 3:105-113 '55.

Reduction of losses in burning anthracite on chain grates. I. I. Lovin. Energetik 4 no. 7:12-16 Jl '56.

Study of mixing processes in an axis of symmetry flame jet. S. D. Stark. Shor. Inst. stali no. 35:318-341 '53.

COMET, ARREST'S (1851 II)

D'Arrest's periodic comet. Astron. tsirk. no. 168 1 '56

COMET, BROOKS' II (1940 IV)

Return of Brooks' (2) periodic comet in 1956. A. D. Dubiago. Astron. tsirk. no. 169:6 7 '56

COMET, JOHNSON'S (1949 II)

Johnson's periodic comet (1949 II). Astron. tsirk. no. 168:1 '56.

COMET, OLBERS'

Olbers' periodic comet (1956a). Astron. tsirk. no. 167 F '56

COMET, TEMPEL'S II

Tempel's (2) periodic comet. Astron. tsirk. no. 162 4 '56.

COMETS

Importance of comets' radiants. D. Ye. Kramer. Biul. VAGO no. 17:39-45 '56.

Observations of comets at the Engel'gardt Observatory. Ш. A. Popyshev. Astron. tsirk. no. 167:3-4 F '56

Photometric observations of Schwassmann's (1954 I), Harrington's (1953 e), Pons-Brooks' (1953 c) and Abell's (1954 g) comets. V. G. Batten. Astron. tsirk. no. 168 9-10 '56.

Study of comets and meteors at the Stalinabad observatory. L. A. Katanev. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:27-33 '54.

Zigel', F. Iu. [What are comets?] Chto takoe komety. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 39 p. (Nauchno-populiarnaia biblioteka, no. 10)

COMETS—1939

Bludov-Akhmarov-Hassel's comet (1939 III). L. M. Rekuns. Astron. tsirk. no. 168:1 6 '56

COMETS—1940

Physical characteristics of the Honda-Bernasconi's comet (1940 g). F. Iu. Zigel. Biul. VAGO no. 17:78 19 '56.

COMETS—1955

Observations of Babakaev-M. Farkhat Kirzhak's (1955f) and Honda's (1955g) comets at the mountain observatory of the Institute of Astrophysics of the Academy of Sciences of Kazakh S. S. R. V. N. Mattagin. Astron. tsirk. no. 166:5-6 '56.

COMETS, SCHWASSMANN-WACHMANN'S (1943 VII)

Observation of Schwassmann-Wachmann's comet 7(1954g) at the Engel'gardt Observatory. Sh. T. Khabibullin, Ш. A. Popyshev. Astron. tsirk. no. 167:6 F '56

COMETS, TAYLOR'S (1916 I)

Taylor's periodic comet (1916 I). Astron. tsirk. no. 167 F '56.

COMIC BOOKS, STRIPS, ETC.—MORAL AND RELIGIOUS ASPECTS see subdivision under United States

COMMERCE

Development and strengthening of the socialist world economy. P. Figurnov. Mashinostr. stroi. no. 6:31 41 Je '56.

Official department. Vnesh. torg. 28 no. 7:19 Jl '24

COMMERCE—FINANCE

Ushakov, V. I. [The financing of commercial organizations] Kreditovanie torgovykh organizatsii. Moskva, Gosfinizdat, 1956. 62 p.

COMMERCE—PERIODICALS

Bulletin on problems of foreign trade ("International trade," nos. 1-12, 1955; nos. 1-3, 1956. Reviewed by A. Zhelnikov). Vnesh. torg. 36 no. 6:30 Je '56.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL PRODUCTS

Sergeev, M. P., and others, eds. [Industrial wares; a commercial guide] Tovarovedenie promyshlennykh tovarov. Moskva, Goskontorizdat, 1949-, 1954. 3 v. (MdJD)

COMMONWEALTH OF NATIONS

Conference of countries in the British Commonwealth of Nations. Mezhdunar. zhizn' no. 8:129-138 Ag '56.

COMMUNE DE PARIS, 1871 see Paris—Commune, 1871

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICABLE DISEASES—DIAGNOSIS

"Tables for studying microbiological diagnosis of communicable diseases." Reviewed by O. A. Orlov. Zhur. mikrobiol. epid. i immun. 27 no. 7:164-166 Jl '56.

COMMUNICABLE DISEASES—PREVENTION

Report of an interinstitutional conference on infections in children. B. O. Shirvindt. Vop. okh. mat. i det. 1 no. 1:90-94 Ja-F '56.

Zhdanov, V. M., and M. I. Meravina, eds. [Discussion of epidemiological studies, papers read at the organizational and methodological conference of the organizational-methodological materials. Moscow, Medgiz, 1956. [Various authors] 1956. 311 p. (Ministerstvo zdravookhraneniia SSSR. Vsesoiuznoe obshchestvo epidemiologov, mikrobiologov i infektsionistov. Trudy, vyp. 24)
(DAYM)

COMMUNICATION AND TRAFFIC

Study of industrial [illegible]

COMMUNISM
(see also subdivision under Ethical)

[illegible]

[illegible]

[illegible]

Lenin's great work [illegible]

Main features [illegible]

Marxism-Leninism on the role of the masses [illegible]

The power of the people's system [illegible]

Scientific conference [illegible]

Unity of the international [illegible]

Unity of theory and practice [illegible]

Zakharov, N. I. [Lenin's theory of the development of the bourgeois democratic revolution into the socialist revolution] Leninskaia teoriia peremeshchenia burzhuazno-demokraticheskoi revoliutsii v revoliutsiiu sotsialisticheskuiu. Moskva, Izd-vo "Znanie," 1956. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 24) 956

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM—HISTORY

Mikhailov, M. I. [The union of Communists and the Communist international organizations of the labor movement] Soiuz Kommunistov i pervaia mezhdunarodnaia organizatsiia rabochego klassa. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 25)

COMMUNIST EDUCATION
(see also subdivision under Enterprise, Work Bonus)

Communist training of workers. B. Dikanov. Ves. sov. vosp. trud. no. 8:2-14 '56.

Improve the study of the history of the Communist Party of the Soviet Union in correspondence schools. A. S. Tishkov. Vest. vys. shkoly 16 no. 7:30-34 Jl '56.

The next admission of workers to party schools. Part. shkol' no. 13:82 Jl '56

"Observations on party work in schools." A. Vlasenko. Reviewed by I. V. Popov. Nach. shk. 16 no. 7:92-95 My '56.

School for agitators. N. Dementsev. Klass. i shk. no. 10 37-40 O '56

Spread ideological propaganda more widely. Part. shk. no. 8:3-9 Ag '56

Tal'alaev, A. I. [Remarks on party work in the schools] Zametki o partiinoi rabote v shkole. Moskva, Gos. ped.-uch. pedagog. izd-vo, 1956. 61 p. (Iz opyta raboty partiinykh organizatsii)

The 20th Congress of the Communist Party of the Soviet Union and ideological tasks. Prep. ed. v shkole 20 no. 3:3-11 My-Je '56

COMMUNIST ETHICS

Rules for a socialist community. A. Berezkin. Klass. shk. no. 27:18-23 5 '56

COMMUNIST PARTY
(see also subdivision under China; France; Germany; Germany, West)
For peace, democracy, and national independence. V. Kortunov. Mezhdunar. zhizn' no. 6:55-67 Je '56.

COMMUNIST PARTY—CONGRESSES see subdivision under Korea, North

COMMUNIST PARTY—HISTORY see subdivision under Armenia; Transcaucasia

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Dnepropetrovsk; Latvia; Tumanovo District; White Russia)
The all-conquering force of the ideas of Marxism-Leninism. Mezhdunar. zhizn' no. 8:3 10 Ag '56.
Great unity between the Communist Party and the Soviet people. Komm. Bel. 28 no. 7:2-10 Jl '56.
The municipal committee and workers' living conditions. N. Dmitriev. Part. zhizn' no. 13:19-27 Jl '56.
Overcome completely the consequences of the cult of personality. Kommunist 33 no. 10:3-13 Jl '56.
Overcome the consequences of the cult of personality completely. Kom. Ukr. 32 no. 8:1-9 Ag '56.
Overcoming the cult of the individual and its consequences. Part. zhizn' no. 13:3-9 Jl '56.
Party news. Part. zhizn' no. 13:78-79 Jl '56.
The party organization does not tolerate squabblers. Part. zhizn' no. 13:66 Jl '56.
The policy of the Communist Party is the policy of building communism. I. Petrov. Mol. komm. 14 no. 7:8-18 Jl '56.
Procedure for rewarding full-time party, trade-union, and Communist Youth League workers. Part. zhizn' no. 12:77-78 Je '56.
"Reach every man." Part. zhizn' no. 13:64-65 Jl '56.
Resolution of the Central Committee of the Communist Party of the Soviet Union: On overcoming the cult of the individual and its consequences. Nov. vrem. 14 no. 28:insert:11 Jl '56.
Some examples of an organizational approach. I. Gladnev. Part. zhizn' no. 13:54-59 Jl '56.
The struggle against the personality cult and its consequences. S. G. Klintskin. Biok. agit. vod. transp. no. 14:18-25 Jl '56.
Tkarenko, S.L. [Why we are internationalists] Pochemu my internatsionalisty. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 46 p.

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES
Comrade I. V. Stalin's speech at the 19th Congress of the party. Visnyk AN URSR 24 no. 10:3-5 O '52.
Kofesnikov, A. K. [Thirteenth Congress of the Russian Communist Party] Trinadtsatyi s"ezd RKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1956. 96 p. (S"ezdy i konferentsii KPSS)
Popularization of decisions of the 20th Congress of the Communist Party of the Soviet Union and the progress in workers' industrial activity. L. Achapovskii, G. Verkhovskii. Komm. Bel. 28 no. 6:37-42 Je '56.
Twentieth Congress of the Communist Party of the Soviet Union. Voen.-med. zhur. no. 3:3-10 Mr '56.

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union—Congresses

COMMUNIST PARTY OF THE SOVIET UNION—HISTORY
(see also subdivision under White Russia)
For a creative working out of the history of the Communist Party of the Soviet Union. Kommunist 33 no. 10:14-26 Jl '56.
From the history of the struggle to build the Bolshevik party. S. I. Gusev. Vop. ist. no. 5:17-33 My '56.
Ordzhonikidze, G. K. [Articles and speeches; in two volumes] Stat'i i rechi; v dvukh tomakh. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 1. (1910-1926 gg.) 1956. 516 p.
Practice consistently Leninist principles of party leadership. Komm. Ukr. 31 no. 4:1-12 Ap '56.
Recommended subject plan for groups and seminars studying the history of the Communist Party of the Soviet Union. Komm. Bel. 29 no. 9:77-81 S '56.
V. I. Lenin's unpublished documents. Komm. Bel. 28 no. 7:11-23 Jl '56.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Bobruysk District; Lida District; Karaganda Province; Kazakhstan; Moscow; Moscow Province; Ukraine; White Russia)
Activity of communists is the real strength of party organizations. I. Shevtsov. Komm. Bel. 29 no. 6:25-28 Ag '56.
Collective farm leaders. T. Nekrasov. Mosk. kolkh. 5 no. 6:39-40 Je '56.
Follow-up on material in "Moskovskii propagandist." Mosk. prop. 13 no. 5:80 My '56.
Initiative of collective farm party organizations. F. Burganov. Part. zhizn' no. 12:16-22 Je '56.
Must a secretary of a party organization make a report when transfered to other work? Part. zhizn' no. 12:78 Je '56.
Party assignments. Part. zhizn' no. 13:31-32 Jl '56.
Party news. Part. zhizn' no. 12:79-80 Je '56.
Party organizations and the dissemination of progressive experience. E. Borisov. Mosk. prop. 13 no. 7:55-60 Jl '56.
Respect the rights of primary party organizations. Part. zhizn' no. 12:37-39 Je '56.
The rural district group. G. Denisov. Kommunist 33 no. 10:93-104 Jl '56.
The secretary of the party organization is a leader and comrade; a review of letters. Part. zhizn' no. 13:47-54 Jl '56.
TSil'shtein, A. I. [Remarks on party work in the schools] Zamotki o partiinoi rabote v shkole. Moskva, Gos. izd-vo polit. lit-ry, 1955. 61 p. (Iz opyta raboty partiinykh organizatsii)

COMMUNIST YOUTH LEAGUE
(see also subdivision under Dnepropetrovsk Province; Kiev; Kirov; Molotov; Novosibirsk; Tyumen', Vladimir)
Communist Youth and Pioneer camps on collective farms. Z. L'vov. Nar. obr. no. 6:46-47 Je '56.
Communist Youth camp. A. Glebov. Nar. obr. no. 6:41-45 Je '56.
Improve educational work among young people. Mosk. prop. 13 no. 5:3-9 My '56.
Introduce experience of the Ural institute to all institutes of higher education; Communist Youth League organization of the Ural Technical Institute struggles to strengthen ties between learning and industrial practices. A. Oborotov. Mol. komm. 14 no. 7:63-67 Jl '56.
Irresponsible approach. O. Gumberidze. Mol. komm. 14 no. 7:80 Jl '56.
In primary organizations of the Communist Youth League; brief news. Mol. komm. 14 no. 7:76 Jl '56.
Not following the pattern; developing the initiative of active members of the Communist Youth League. V. Kudriakov. Mol. komm. 14 no. 7:47-53 Jl '56.
The Rozvenanov case. G. Kalugin, V. Vinogradov. Mol. komm. 14 no. 7:81-82 Jl '56.
Thirty-eighth anniversary of the Lenin Communist Youth League. A. Tregubov. Biok. agit. vod. transp. no. 18:23-35 S '56.

COMMUNISTS—HISTORY
Interpretation of the activities of outstanding Bolsheviks in the Large Soviet Encyclopedia. G. M. Denisov. Vop. ist. no. 5:141-145 My '56.

COMMUNISTS IN LITERATURE AND ART
Portrayal of Communists in André Stil's novels. M. Shapovalova. Dop. ta pov. L'viv. un. no. 4, pt. 1:44-46 '53.

COMMUNITY CENTERS
(see also subdivision under Albania; Astrakhan Province; Komarovo; Kirovograd; Moscow; Moscow Province; Oktyabr'skiy District (Nikolaev Province); Perovo; Petrozavodsk; Samara District, Shostkinskiy District; Siberia; Stalingrad Province; Ukraine)
Brief news. Klub 6 no. 6:31 Ag '56.
Brief news. Kul't.-pros. rab. 17 no. 7:56 Jl '56.
The club and activities of the collective farm. A. Nemchenok. Kul't.-pros. rab. 17 no. 7:8-10 Jl '56.
Club evening "Bring the future closer." Kul't-pros. rab. 17 no. 7:52-53 Jl '56.
The club is helping the collective farm. A. R. Morozov. Nauka i pered. op. v sel'khoz. no. 6:82 Je '56.
Comments and letters. Kul't.-pros. rab. 17 no. 7:34-38 Jl '56.
Comments and letters. Kul't.-pros. rab. 17 no. 8:27-28 Ag '56.
Delegates to the congresses speak. Klub 5 no. 5:14-15 My '56.
During the days of the field work. V. Zavdovyeyev. Sots. kul't. 9 no. 6:19-20 Je '56.
Strengthen the material basis of cultural institutions. Sots. kul't. 9 no. 6:32-33 Je '56.

COMMUNITY CENTERS—EXHIBITIONS see subdivision under Moscow

COMMUNITY CENTERS, STUDENT see subdivision under Poyresq, France

COMPARATIVE PATHOLOGY see Pathology, Comparative

COMPASS
Analysis of lessons in the third grade on the topic "The compass and its use in determining directions." M. V. Zvereva. Nach. shkola 24 no. 9:32-36 S '56.

COMPASS, RADIO see Radio compass

COMPETITION, SOCIALIST see Socialist competition

COMPLEMENTS (IMMUNITY)
Dynamics of the blood complement titer in radiation sickness combined with other lesions. L. F. Volkov, A. P. Egorova. Voen.-med. zhur. no. 4:27-30 Ap '56.
Thermostabile components of complement ($C^3$ and $C^4$) in different kinds of animals. L. H. Morhun. Mikrobiol. zhur. 9 no. 2/3:71-80 '48.

COMPOSERS
History of international relations of Slavic peoples ("History of Russian-Polish musical bonds," Igor' Belza; "History of Russian-Czech musical bonds. Correspondence of M. A. Balakirev and N. A. Rimskii-Korsakov with Boleslav Kalensky," Reviewed by IU. Shaporin). Slaviane no. 7:60 Jl '56.

COMPOSERS, RUSSIAN
Artistic development. Sov. mor. 16 no. 8:17 Ap '56.

COMPOSITION (MUSIC)
More about the training of youth. E. Denisov. Sov. muz. 20 no. 7:28-32 Jl '56.

COMPOUNDS, COMPLEX
Complex compounds of phosphorus pentachloride with chlorides of certain elements. Part 4. System: phosphorus pentachloride -- stannic chloride. IA. B. Burlianov. Zhur. ob. khim. 26 no. 5:1363-1367 My '56.
Complexing in binary fused salts. L. N. Antipin. Usp. khim. 25 no. 5:632-642 My '56.
Complexing in the system: $NaNO_3$ - $CO(NH_2)_2$ - $H_2O$. N. N. Khitrova, V. A. Khitrov. Izv. Sekt. fiz.-khim. anal. 27:328-336 '56.
Influence of the outer sphere anions upon the character of substitution in the inner sphere of complex compounds. A. A. Grinberg, Kh. I. Gil'dengershel'. Dokl. AN SSSR 108 no. 2:256-258 My '56.
Role of complex compound formation in the radioresistance of myosin. A. M. Kuzin, E. G. Plyshevskaia. Biofizika 1 no. 3:141-142 '56.
Study of complexing in solutions of ternary systems by means of physicochemical analysis. E. IA. Gorenbein, P. I. Smolentsev. Ukr. khim. zhur. 17 no. 1:149-155 '51.
Study of oxyacid complexes. Part 1. Potentiometry and polarography of solutions of bismuth complexes with citric acid. I. V. Piatnitskii. Ukr. khim. zhur. 22 no. 3:320-329 '56.
Study of vanadyl complex compounds. Part 2. Citrate complexes. V. I. Zolotavin, N. N. Kalugina. Zhur. ob. khim. 26 no. 5:1365-1382 My '56.
Topology of quaternary reciprocal systems with complexing. A. G. Bergman, G. A. Bukhalova. Izv. Sekt. fiz.-khim. anal. 27:36-49 '56.

COMPOUNDS, HIGH MOLECULAR WEIGHT see High molecular weight compounds

COMPRESSED AIR
The use of compressed air to intensify the flame jet in open-hearth furnaces. M. G. Kozhanov, G. B. Rogov. Metallurg no. 7:18-19 Jl '56.

COMPRESSIBILITY
The problem of the compressibility of liquids. D. M. Mamedov. Trudy Azerb. ind. inst. no. 7:102-113 '54.

COMPRESSORS
(see also subdivision under Odessa)
Effect of the high-speed coefficient on the efficiency of stages of axial compressors. S. A. Parshchik. Sborn. trud. lab. prob. hydr. mash. 3:133-143 '53.
New foreign equipment. K. K. Puzikov. Energomashinostroenie no. 6:28 Je '56.
Performance of axial flow compressors under variable-load conditions. N. I. Nikol'skii. Sudostroenie 22 no. 6:9-16 Je '56.
TSydzik, V. E. [A study of compressing machinery; collected papers] Issledovanie kompressornykh mashin; sbornik nauchnykh rabot. Moskva, Mashgiz, 1955. 114 p. (NNC)

COMPRESSORS, AIR see Air compressors

COMPULSORY MILITARY SERVICE see subdivision 'Military service, Compulsory' under Germany, West

CONCENTRATION see Attention

CONCENTRATION CAMPS see subdivision 'World War, 1931-1945—Prisoners and prisons, Russian' under Germany

CONCERTO (VIOLIN)
Khokhlov, IU. N. [The Soviet violin concerto] Sovetskii skripichnyi kontsert. Moskva, Gos. muzykal'noe izd-vo, 1956. 230 p. (Sovetskaia muzykal'naia kritika)

CONCERTS
(see also subdivision under Europe, Western; Grozny; Kharkov; Kiev; Leningrad; Lvov; Moscow; Riga; Semipolatinsk; Tallinn; Teheran)
Chronicle of concert life. Sov. muz. 20 no. 8:124-128 Ag '56.
Music in the club. N. Brodianskaia. Sov. muz. 20 no. 7:114-117 Jl '56.
To virgin land regions. Kul't.-pros. rab. 17 no. 7:39 Jl '56.

CONCRETE
(see also subdivision under France)
Aluminum sulfate as an accelerator for setting and hardening non-autoclave foam concrete. L. M. Rozenfel'd. Rats. i izobr. predl. v stroi. no. 137:28-30 '56.
Alumosulfonaphthene compound as a frothing agent for cellular concretes. L. M. Rozenfel'd, A. T. Baranov. Rats. i izobr. predl. v stroi. no. 137:24 '56.

CONCRETE (Continued)

Calcium saccharates as plasticizer for cement mortars and concretes. IU. E. Kornilovich, L. G. Gulinova. Rats. i izobr. predl. v stroi. no. 137:18-19 '56.

Chloroalumocalcium as a hardening accelerator and agent for decreasing water permeability of mortars and concretes. Rats. i izobr. predl. v stroi. no. 137:31-32 '56.

Compound GK (hydrolyzed blood) as a frothing agent for cellular concretes. L. M. Rozenfel'd. Rats. i izobr. predl. v stroi. no. 137:22-23 '56.

Concentrates of sulfite-alcohol slops as a plasticizer for cement mortars and concretes. Rats. i izobr. predl. v stroi. no. 137:4-6 '56.

Concrete for protection against radiation. S. A. Mironov, K. K. Ponomarev. Bet. i zhel.-bet. no. 7:259-262 Jl '56.

Denov, A. E. [Vibration concrete] Vibrirovannyi beton. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 228 p.

Heat conductivity coefficient of slag concretes prepared with granulated blast-furnace slag and slag binders. Biul. stroi. tekh. 13 no. 7:31-32 Jl '56.

Heat-resistant concrete for lining furnaces. I. T. Antonova, S. IU. Barit, I. B. Veprik. Stroi. pred. neft. prom. 1 no. 6:16-18 Ag '56.

Improving the heat-moisture treatment of concrete and reducing the consumption of steam in the chambers. S. D. Krongauz. Bet. i zhel.-bet. no. 7:242-244 Jl '56.

Infrared heating in concrete production. B. V. Spektor. Bet. i zhel.-bet. no. 7:264-266 Jl '56.

Interaction of portland cement and crystalline silica during treatment in autoclaves. IU. M. Butt, L. N. Rashkovich. TSement 22 no. 2:21-26 Mr-Ap '56.

Kornilovich, IU. E., and M. G. Verzhbitskaia. ["Keramzit" concrete, a progressive building material] Keramzitobeton - progressivnyi stroitel'nyi material. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekture USSR, 1955. 65 p.

Nekal as a frothing agent for cellular concretes. I. A. Arshinov. Rats. i izobr. predl. v stroi. no. 137:20-21 '56.

New high heat-resistant concrete. L. F. IAnkelev. Stroi. pred. neft. prom. 1 no. 3:30-32 My '56.

Perhydrol as a gasifier for cellular concretes. Rats. i izobr. predl. v stroi. no. 137:25-27 '56.

Pitch soap as a plasticizer for mortars and concrete. E. I. Arieli, V. I. Soroker. Rats. i izobr. predl. v stroi. no. 137:8-10 '56.

Recommended inventions and technical improvements. Concrete dispenser with varying volume bunker. Nov. tekh. i pered. op. v stroi. 18 no. 7:29-31 Jl '56.

Resistance of hydraulic engineering concretes to water attrition. V. N. IUng and others. Gidr. stroi. 25 no. 4: 34-38 My '56.

Sedimentation in cement paste and possibilities of its control. Part 1. Role of sedimentation in the structural formation of concrete and current research tasks. M. Z. Simonov. Izv. AN Arm.SSR. Ser. FMET nauk 6 no. 4: 65-84 Jl-Ag '53.

Sodium aluminate as a stabilizing and thickening additive for mortars and concretes. Rats. i izobr. predl. v stroi. no. 137:33-35 '56.

Study of the effect of strong stabilization on the properties of cement and concrete. B. D. Trinker. Zhur. prikl. khim. 29 no. 6:856-862 Je '56.

Two-stage heat-moisture processing of concrete. Bet. i zhel.-bet. no. 7:266 Jl '56.

Viktorov, A. M. [On-the-site research in concrete at hydraulic structures] Naturnye issledovaniia betona v gidrotekhnicheskikh sooruzhenifakh, Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 29 p.

CONCRETE—TESTING

[illegible] yth of concrete. B. V. 8-30 Je '56.

[illegible] of concrete N. Radin.

CONCRETE CONSTRUCTION
(see also subdivision under Europe, Western)

Concreting the building of hydroelectric power stations with the aid of concrete pumps. G. M. Vainshtein. Bet. i zhel.-bet. no. 7:237-241 Jl '56.

Experience in installing and operating concreting combines. N. S. Rogozhkin. Bet. i zhel.-bet. no. 7:232-234 Jl '56.

Improve the technology of concrete work. M. A. Lipovetskii. Mekh. trud. rab. 10 no. 7:19-21 Jl '56.

International conference on concrete for hydraulic structures. V. V. Stol'nikov. Gidr. stroi. 25 no. 3: 58-60 Ap '56.

On using cable cranes in building hydraulic structures. A. G. Zolotarev. Gidr. stroi. 25 no. 5:49-50 Je '56.

Set of devices for transporting concrete mortar with the use of concrete pumps. L. E. Podboreskii, O. P. Samoilov, G. M. Semenov. Gidr. stroi. 25 no. 3:22-25 Ap '56.

Sizing blocks by concreting. A. A. Zagrianzhskii. Gidr. stroi. 25 no. 4:28-33 My '56.

Using cold concrete in construction work. E. I. Ivanov. Stroi. pred. neft. prom. 1 no. 6:19-20 Ag '56.

CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS
(see also subdivision under Copenhagen)

Investigation under natural conditions of "cold" concreting. T. G. Kurinnyi, V. M. Medvedev, G. A. Shisho. Gidr. stroi. 25 no. 6:14-18 Jl '56.

CONCRETE CONSTRUCTION—CONGRESSES see subdivision under Copenhagen

CONCRETE CONSTRUCTION—FORMWORK

Making reinforced concrete products in tipping forms. Rats. i izobr. predl. v stroi. no. 135:6-8 '56.

Using metal screen forms. A. A. Tikhomirov. Bet. i zhel.-bet. no. 7:262-264 Jl '56.

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE CONSTRUCTION, REINFORCED see Reinforced concrete construction

CONCRETE FLOORS see Floors, Concrete

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PILING

Reinforced concrete pile designed with a widened base. G. D. Bodrov, D. I. Vasil'ev. Stroi. prom. 34 no. 6: 44-46 Je '56.

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS

Experience with operating concrete plants of periodic activity. A. S. Poletaev. Mekh. stroi. 13 no. 7:8-14 Jl '56.

Experience with running a continuous operation concrete plant. B. V. Ivanov. Mekh. stroi. 13 no. 7:18-20 Jl '56.

CONCRETE PLANTS—QUALITY CONTROL

Efficient quality control of concrete mortar put into practice in a concrete plant. F. M. Ivanov, N. G. Mannanov Avt. dor. 19 no. 6:8-9 Je '56.

CONCRETE SLABS

Limit equilibrium of reinforced concrete plates. O. Khalas. Izv. AN SSSR. Otd. tekh. nauk no. 8:42-54 Ag '56.

Using large panel walls made of gypsum concrete. I. IA. Briman. Nov. tekh. i pered. op. v stroi. 18 no. 7:17-18 Jl '56.

CONDENSATION

Condensation of vapor mixtures in deep freezing. G. P. Golovinskii. Zhur. tekh. fiz. 26 no. 6:1309-1328 Je '56.

Temperature limits of formation of ice particles in supersaturated water vapor. L. G. Kachurin, N. A. Zaitseva, S. I. Lomanova. Izv. AN SSSR. Ser. geofiz. no. 7:857-861 Jl '56.

CONDENSATION PRODUCTS (CHEMISTRY)

Differential titration of tripeptides and diketopiperazines in the products of polycondensation of the ethyl ester of glycine. K. T. Poroshin, T. D. Kozarenko, IU. I. Khurgin. Izv. AN SSSR. Otd. khim. nauk no. 5:626-628 My '56.

Kinetics of the condensation of oxybenzoic aldehydes with hydroxylamine and phenylhydrazine hydrochlorides in aqueous alcohol solutions (with English summary in insert). D. G. Knorre. Zhur. fiz. khim. 30 no. 4:753-762 Ap '56.

Synthesis of polycyclic compounds related to steroids. Part 35. Condensation of cyclic allyl halo derivatives with cyclic 2-methyl-1,3-diketones and intramolecular cyclization of resulting compounds into ketones with hydrogenated skeletons of phenathrene, chrysene, and cyclopentanophenathrene containing an angular methyl group. I. N. Nazarov, and others. Zhur. ob. khim. 26 no. 5:1482-1495 My '56.

CONDENSERS (ELECTRICITY)
(see also subdivision under Berlin)

Automatic control of high-voltage power capacitors a K. F. Solov'ev. Prom. energ. 11 no. 6:18-20 Je '56.

CONDENSERS (STEAM)

Electromechanical regulator of the level and recirculation of condensate in a turbine condenser. S. M. Avsaie Elek. sta. 27 no. 6:53-55 Je '56.

Simplified starting of propeller-type circulation pumps. V. I. Ohnarian. Elek. sta. 27 no. 6:55-57 Je '56.

CONDITIONED RESPONSE

Alimentary-canal motor conditioned reflex in dogs under conditions of successive elimination of the peripheral endings of three distance analyzers. L. V. Lubanova Dokl. AN SSSR 108 no. 2:363-366 My '56.

Analysis of the conditioned reflex arc to the heart. K. P. Topchiieva. Fiziol. zhur. [Ukr.] 1 no. 1:33-39 Ja-F '55.

Characteristics of interoceptive reflexes during ontogenesis. N. A. Moiseeva. Dokl. AN SSSR 108 no. 4: 750-753 Je '56.

Conditioned and unconditioned responses in poliomyelitis. Z. M. Frantsuzova. Vop. okh. mat. i det. 1 no. 1:30-33 Ja-F '56.

Conditioned reflex activity in dogs as affected by continuous ionizing irradiation of the head. N. N. Livshits. Biofizika 1 no. 3:321 231 '56.

Diurnal fluctuations of body temperature in man during the polar day. B. N. Shchupak. Fiziol. zhur. [Ukr.] 1 no. 2:47-54 Mr-Ap '55.

Dynamics of reflex transformation in the excitability and lability of human analyzers. P. O. Makarov. Ukh. zap. Len. un. no. 176:307-310 '54.

Effect of conditioned reflex excitation of the central nervous system on the adenosinetriphosphoric and adenosinediphosphoric acid content of the brain. F. A. Vladimirova. Vop. med. khim. 2 no. 1:47-52 Ja-F '56.

Effect of light and darkness on conditioned reflex activity. N. M. Shcherbakov, IE. A. Sokolova. Fiziol. zhur. [Ukr.] 1 no. 1:16-24 Ja-F '55.

Effect of narcotics on the change of conditioned reflex activity in dogs during analgesia. T. G. Melikova. Dokl. AN Azerb. SSR 12 no. 5:341-345 '56.

Effect of promedol on conditioned reflexes in mice. Hsu Ping. Farm. i token. 19 no. 3:33-36 My-Je '56.

Effect of repeated total X-ray irradiation on conditioned food reflexes in dogs. N. N. Livshits. Trudy Inst. biol. fiz. no. 1:63-78 '55.

Effect of X-ray irradiations of the cerebellar region on conditioned reflex activity in dogs. N. N. Livshits. Trudy Inst. biol. fiz. no. 1:50-62 '55.

Formation of a conditioned reflex connection between visual and motor analyzers with respect to the color and weight of objects. G. K. Gurtovoi, O. F. Telegina. Trudy Inst. biol. fiz. no. 1:200-204 '55.

Methods for studying conditioned and unconditioned reflex activity in patients with nervous and psychic diseases. N. M. Shcherbakov, K. V. Monkott. Ukh. zap. Len. un. no. 176:290-296 '54.

Nature of the conditioned connection in motor orientation and exploratory reactions in children. L. Lengart. Vop. psikhol. 2 no. 3:55-72 My-Je '56.

Objective acoumetric method using a conditioned motor reflex reaction. S. E. Parenko. Voen.-med. zhur. no. 3:65-66 Mr '56.

On the role of conditioned-reflex stimuli in milk excretion by cows. IU. M. Olenov, M. G. Zaks. Dokl. AN SSSR 108 no. 4:754-756 Je '56.

Peculiarities of chronaximetric indicators in the treatment of traumatic contractions by physical methods. S. B. Aronova. Vop. kur. fizioter. i fiech. fiz. kul't. 21 no. 2:42-48 Ap-Je '56.

Simultaneous study of specialized and general motor reactions in man by means of a "direflexometer." V. IA. Kriazhev. Vop. psikhol. 2 no. 3:122-128 My-Je '56.

Study of new methods of experimental therapy based on "destruction" of pathological conditioned reflex bonds. A. V. Napalkov. Biul. eksp. biol. med. 42 no. 7:22-25 Jl '56.

CONDUCT OF LIFE

It concerns you too. N. Rikovskii. Klub 5 no. 5:9 My '56.

Let's talk about will. A. Konovalov, IU. Petrov. Mol. komm. 14 no. 7:102-106 Jl '56.

We are speaking about culture... Rud. Borshadskii. Ogonek 26 no. 46:20 N '47.

CONDUCTION OF HEAT see Heat—Conduction

CONDUCTORS, ELECTRIC see Electric conductors

CONFECTIONARY—EXHIBITIONS see subdivision under Vienna

CONFESSION (LAW)

Confession in Soviet criminal procedure. S. G. Krivitskii. Dop. ta pov. L'viv. un. no. 4, pt. 1:15-18 '53.

CONFORMAL MAPPING
Continuity in a closed circle of functions regular in an open circle. G. D. Suvorov. Usp. mat. nauk 11 no. 3:177-179 My-Je '56.

CONFORMAL REPRESENTATION OF SURFACES see Surfaces, Representation of

CONGLOMERATE see subdivision under Caucasus, Northern

CONIFERAE see subdivision under White Russia

CONJUNCTIVITIS
The market fly and its role in spreading epidemic conjunctivitis. L. F. Paradoksov. Dokl. AN Tadzh. SSR no. 2: 41-45 '52.
Synthomycin therapy for blepharitis and conjunctivitis. P. A. Mil'rud. Voen.-med. zhur. no. 4:64-65 Ap '56.

CONSTITUTION see subdivision under Adzharistan

CONSTITUTION OF MATTER see Matter—Constitution

CONSTRUCTION INDUSTRY
(see also subdivision under Gomel'; Kiev; Kiev Province; Krasnodar; Moscow; Moscow Province; TSarichanka District; Ukraine)
The ability to build. M. Shass. Oktiabr' 33 no. 6:116-124 Je '56.
Baryshev, M. I. [Legal control of capital construction at machine-tractor stations and on state farms and collective farms] Pravovoe regulirovanie kapital'nogo stroitel'stva v MTS, sovkhozakh i kolkhozakh. Moskva, Gos. izd-vo iurid. lit-ry, 1956, 102 p.
Conference of young builders. A. Shabalinski. Belarus' 13 no. 6:24 Je '56.
For further development of construction. A. K. Kortunov. Stroi. pred. neft. prom. 1 no. 1:1-3 Mr '56.
Group conference of oil-field construction workers. Stroi. pred. neft. prom. 1 no. 3:22 My '56.
In the All-Union Scientific Research Institute of Transportation Construction. E. V. Pustovalov. Transp. stroi. 6 no. 6:28-29 Je '56.
Instructors in progressive work methods. F. Mal'tsev. Sots. trud. no. 6:75-80 Je '56.
Liubimov, S.E. [For the industrialization of construction] Za industrializatsiiu stroitel'stva. Moskva, Gos. izd-vo polit. lit-ry, 1956, 60 p.
Methods for reducing cost and time of construction of industrial bases for petroleum refineries. G. L. Ovruchskii. Stroi. pred. neft. prom. 1 no. 4:3-7 Je '56.
Model regulations for construction organizations serving more than one collective farm. Sel'. stroi. 11 no. 6:28 My '56.
More attention to the creation of construction organizations serving more than one collective farm. Sel'. stroi. 11 no. 5:1-2 My '56.
The most important tasks of industrial construction. Stroi. pred. neft. prom. 1 no. 3:1-2 My '56.
Plan of a building-assembly trust. Stroi. pred. neft. prom. 1 no. 4:26 Je '56.
("Planning capital construction," B. M. Smekhov; "Reducing the cost of construction work," M. E. Shass. Reviewed by B. Sokolov). Vop. ekon. no. 7:141-145 Jl '56.
Unified regional unit rates. V. S. Bagirov. Stroi. pred. neft. prom. 1 no. 3:15-16 My '56.
We will achieve new success in construction. V. Ruzakov. Sel'. stroi. 11 no. 5:6 My '56.

CONSTRUCTION INDUSTRY—ACCOUNTING
Conference on the amortization rate to be used in making deductions for construction machinery and equipment. V. Shafranskii. Vop. ekon. no. 8:150-156 Ag '56.
The journal-voucher form of bookkeeping in construction. S. Belonov, A. Serebriakov. Bukhg. uchet 15 no. 7:9-14 Jl '56.
New account forms in capital construction. A. Kartsev. Bukhg. uchet 15 no. 7:43-46 Jl '56.
Trakhtengerts, A.IA., and V.F.Kobaenkov. [Accounting for the material and equipment supply in major construction] Uchet predmetov material'no-tekhnicheskogo snabzheniia v kapital'nom stroitel'stve. Pod obshchei red. F.A.Moskovskogo. Moskva, Gos. energ. izd-vo, 1956. 136 p.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—COSTS
Business accounting is a method of reducing costs of construction. I. M. Il'in. Stroi. pred. neft. prom. 1 no. 1:23-25 Mr '56.
Dymshits, V. E. [Ways of reducing construction costs] Puti snizheniia stoimosti stroitel'stva. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8. Ekonomika promyshlennosti, vyp. 1, no. 6)
Expressing the volume of construction on collective farms in terms of cost. Z. Ravdel'. Sel'. stroi. 11 no. 5:16-17 My '56.
More attention to problems of organization and economy in construction work. S. Raikhenberg. Arkhit. SSSR no. 6:24-26 '56.
Planning overhead costs according to construction organizations. Stroi. pred. neft. prom. 1 no. 5:21-22 Jl '56.
Some ways of decreasing the cost of housing construction. V. M. Karro. Arkhit. i stroi. Len. no. 2:18-20 Je '56.
Strive to reduce construction costs. A. Kunnov. Mosk. prop. 13 no. 5:53-58 My '56.

CONSTRUCTION INDUSTRY—EXHIBITIONS see subdivision under Moscow

CONSTRUCTION INDUSTRY—FINANCE
(see also subdivision under Ukraine)
Lunev, V. E. [Financing capital construction] Finansirovanie kapital'nogo stroitel'stva. Moskva, Ugletekhizdat, 1956. 100 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)
Strengthen the financial structure of subsidiary organizations. A. Ignatov. Fin. SSSR 17 no. 7:61-63 Jl '56.

CONSTRUCTION INDUSTRY—STATISTICS
Make wider use of classification groups in construction statistics. L. Kogan. Vest. stat. no. 2:48-55 Mr-Ap '56.

CONSTRUCTION INDUSTRY—TABLES, CALCULATIONS, ETC.
Glebov, A. M. [Calculation tables; a builder's manual] Raschetnye tablitsy; v pomoshch' stroiteliam. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 309 p.

CONSTRUCTION WORKERS
(see also subdivision under Stalinabad)
Outstanding work methods. L. I. Blank. Mekh. stroi. 13 no. 6:38-39 Je '56.
Piecework payment system for construction workmen. N. A. Denisov. Stroi. pred. neft. prom. 1 no. 3:26-27 My '56.

CONSUMERS' GOODS see Russia—Manufactures

CONSUMPTION (ECONOMICS)
Purchasing power and production under socialism (an economic dogma). A. Cherniak, A. Stanislavskii. Part. zhizn' no. 12:40-45 Je '56.

CONTACT LENSES
Contact lenses. D. G. Sverdlov. Oft. zhur. 11 no. 1:50-52 '56.

CONTAINERS
Transportation of sugar beets and bagasse in containers. L. I. Smakovskii. Sakh. prom. 30 no. 6:35-36 Je '56.

CONTRACT LABOR—HISTORY see subdivision under White Russia

CONTRACTS
(see also subdivision under Great Britain)
Obligations which cannot be maintained in a suit in Soviet civil law. V. A. Bek. Dop. ta pov. L'viv. un. no. 4, pt. 1: 21-22 '53.

CONTROL EQUIPMENT see Automatic control

CONTROLLERS, ELECTRIC see Electric controllers

CONVECTION OF HEAT see Heat—Convection

CONVERGENCE
An application of Lobachevskii's generalized convergence attribute. G. L. Lunts. Ist.-mat. issl. no. 9:209-214 '56.
Convergence of asymptotic series. K. IA. Latysheva. Dop. AN URSR no. 4:55-58 '49.
Convergence of singular integrals for certain general classes of summable functions. B. I. Korenblium. Zbir. prats' inst. mat. AN URSR no. 11:60-92 '48.
Theorem of the convergence of twice differentiated eigenfunction expansion of the Sturm-Liouville operator. B. M. Levitan, I. S. Sargsian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 3:3-15 '56.

CONVEYING MACHINERY
Automatic signaling and block system for conveyer with feeder of a slag block unit. A. B. Topolianskii. Rats. i izobr. predl. v stroi. no. 130:23-25 '56.
Belt conveyer with a large angle of incline. V. K. D'iachkov. Mekh. trud. rab. 10 no. 7:46 Jl '56.
Continuous-operation volumetric belt batcher. IU. D. Vidineev. Gidr. stroi. 25 no. 5:17-19 Je '56.
Engineer Cherneto's conveyor. Sov. Soiuz no. 7:26 Jl '56.
Interoperation part conveyance. A. V. Gandler. Avt. i trakt. prom. no. 6:33-34 Je '56.
Kilns with conveyer calcinators put in operation at the Krivoy Rog cement mill. IU. N. Mikol'skii, A. M. Belevitskii, E. S. Vinshtein. TSement 22 no. 2:12-14 Mr-Ap '56.
One-line suspended overhead trolley on stockbreeding farms. F. M. Riaboshtan. Mekh. sil'. khosp. 7 no. 6:26-27 Je '56.
Shaping attachments of a conveyer-belt press. P. P. Rost, V. S. Fadeeva. Stek. i ker. 13 no. 7:16-23 Jl '56.
Single-rail track for hauling loads. I. Sovisov. MTS 16 no. 7:45 Jl '56.
Tractor-driven loader. P. K. Smoliar, V. S. Chemus. Mekh. sil'. khosp. 7 no. 8:22 Ag '56.

CONVULSIONS
"Application of 'artificial hybernation' in eclampsia" (Arch. f. Gynaekologie no. 186:102-105 '55). A. Fewnemann, G. Wolf. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:86 My-Je '56.
"Clinical aftereffects of eclampsia and their prevention" (Arch. f Gynaekologie no. 186:168-171, '55). Klees. Abstracted by E. Vikhlineva. Akush. i gin. 32 no. 3:85 My-Je '56.

COOKERY
Answers to the readers' questions. Rab. i sial. 32 no. 6:23 Ag '56.
Cookery. P. Grigor'ev. Rabotnitsa 34 no. 8:31 Ag '56.
Cookery. Rab. i sial. 32 no. 9:24 S '56.
Cookery. Sov. zhen. 12 no. 8:47 Ag '56.
Cookery. Sov. zhen. 12 no. 10:47 O '56.
Dietetic stuffed squash. S. IAzerskaia. Rab. i sial. 32 no. 8:24 Ag '56.
Exchange of experience. Rad. zhin. 11 no. 7:30 Jl '56.
Today's dinner menu. Galina Avdeenko. Sov. Soiuz no. 6:36 Je '56.

COOKERY (VEGETABLES)
Methods for processing garden rhubarb. M.S.Mordkovich. Sad i og. no. 6:32-33 Je '56.

COOKERY, BULGARIAN
Bulgarian cuisine. Noviana Kiuranova. Rabotnitsa 34 no. 7:31 Jl '56.

COOKERY, LITHUANIAN
How to prepare food. Krest'ianka 35 no. 7:32 Jl '56.

COOPERATIVE SOCIETIES
(see also subdivision under China; Hungary; Moscow)
Conduct the reorganization of work in producers' cooperatives in a planned manner. Prom. koop. no. 6:1-3 My '56.
Follow-up of our publication. Prom. koop. no. 5:40 My '56.

COOPERATIVE SOCIETIES—TAXATION
Some problems in the tax rate of producers' cooperatives. A. Magazanik. Fin. SSSR 17 no. 6:65-68 Je '56.

COORDINATES
Correctness of the formulation of the Cauchy problem and properties of harmonic coordinates in the general theory of relativity. F. I. Frankl'. Usp. mat. nauk 11 no. 3:189-196 My-Je '56.
Remark on the paper of F. I. Frankl' "Correctness of the formulation of the Cauchy problem and properties of harmonic coordinates in the general theory of relativity." V. A. Fok. Usp. mat. nauk 11 no. 3:197-198 My-Je '56.

COPENHAGEN—CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS
International congress on winter concrete construction. S. A. Mironov. Stroi. pred. neft. prom. 1 no. 2:30-31 Ap '56.
The international congress on wintertime concrete construction. S. A. Mironov. Stroi. prom. 34 no. 7:30-41 Jl '56.

COPENHAGEN—CONCRETE CONSTRUCTION—CONGRESSES
International congress on wintertime concrete work. V. V. Stol'nikov. Gidr. stroi. 25 no. 6:53-57 Jl '56.

COPEPODA
(see also subdivision under Black Sea)
Specific differences in Cyclops larvae [with English summary in insert]. V. V. Dukina. Zool. zhur. 35 no. 5: 680-690 My '56.

COPERNICUS, NICOLAUS, 1473-1543
A portrait of Copernicus. B. Alekseev. Ogonek 34 no. 26:32 Je '56.

COPPER
Application of qualitative reactions to the colorimetric determination of copper and nickel. M. M. Roines, IU. A. Larionov. Trudy Kom. anal. khim. 7:295-299 '56.
Phototurbidimetric determination of copper in aluminum alloys by means of hydrorubeanic acid. I. V. Tananaev, Kh. IA. Levitman. Trudy Kom. anal. khim. 7:21-26 '56.

COPPER—ELECTROMETALLURGY see subdivision under Baikhash

COPPER—METALLOGRAPHY
Structural transformations of polymetallic mattes during the converter process. M. A. Abdeev, I. A. Stroitelev, O. G. Miller. TSvet. met. 29 no. 6:24-30 Je '56.

COPPER ALLOYS
Solubility of zinc in metallic compounds $Cu_2Mg$ and $Cu_2Cd$. E. I. Gladyshevskii, P. I. Kriptakevich. Izv. Sekt. fiz.-khim. anal. 27:209-211 '56.

COPPER INDUSTRY see subdivision under United States

COPPER-MAGNESIUM-TIN ALLOYS

Study of the system: copper - magnesium - tin in the region of Cu - $Cu_2Mg$ - CuMgSn. E. E. Cherkashin, E. I. Gladyshevskii, M. IU. Tesliuk. Izv. Sekt. fiz.-khim. anal. 27:212-216 '56.

COPPER MINES AND MINING see subdivision under Dzhezkazgan

COPPER ORES see subdivision under Dzhezkazgan; Kazakhstan; Kirghizistan

COPPER OXIDES—SPECTRA

Emission spectrum of excitons. E. F. Gross, M. A. IAkobson. Zhur. tekh. fiz. 26 no. 6:1369-1371 Je '56.

COPPER PLATING

Copper plating of iron objects in acid electrolytes. Part 1. Contact deposition of copper on iron. L. I. Kadaner. Ukr. khim. zhur. 17 no. 2:224-234 '51.

Copper plating of iron objects in acid electrolytes. Part 2. Contact deposition of copper on tinned iron. L. I. Kadaner. Ukr. khim. zhur. 17 no. 2:235-238 '51.

Copper plating of iron objects in acid electrolytes. Part 3. Study of factors influencing the electrolytic deposition of copper on an iron cathode. L. I. Kadaner. Ukr. khim. zhur. 17 no. 5:723-726 '51.

Copper plating of iron objects in acid electrolytes. Part 4. Effect of compound processing of the surface on the continuity and strength of adhesion of copper coatings. L. I. Kadaner. Ukr. khim. zhur. 17 no. 5:727-735 '51.

COPPER-PLATINUM ALLOYS see Platinum-copper alloys

COPPER SALTS

Inactivation of phytoamylase by lead and copper salts and reactivation of enzymes from metal-enzyme compounds. L. I. Vigorov. Ukr. biokhim. zhur. 28 no. 2:183-192 '56.

COPTIC LANGUAGE

Elements of south Egyptian Coptic in the Middle Greek vocabulary. P. V. Ernshtedt. Viz. vrem. 9:154-158 '56.

COPYRIGHT

Relationship between copyright and labor law. B. S. Antimonov, E. A. Fleishits. Sov. gos. i pravo no. 5:48-57 '56.

CORDIERITE

Fritted cordierite porcelain. S. I. Sil'veatrovich. Trudy MKHTI no. 21:100-112 '56.

COREMAKING

A new method for knocking out rods from molds. D. E. Beletskii. Metallurg no. 2:39-40 F '56.

CORN

Bellaeva, V. A. [Home use of corn in foreign countries] Pishchevoe ispol'zovanie kukurusy v zarubezhnykh stranakh. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 103 p.

CORN (MAIZE)

(see also subdivision under Germany, East; Kazakhstan; Kirghizistan; Kuban; Kuybyshev Province; Lukhovitsy District; Lvov Province; Moscow Province; Ossetia; Russia, Southern; United States)

Amino acid content of aerial roots of corn [with English summary in insert]. V. P. Dadykin, Z. S. Igumnova. Fiziol. rast. 3 no. 3:258-262 My-Je '56.

Aspects of using corn as feed. A. A. Bashkirov, M. V. Malakhov, I. Bakulov. Veterinariia 33 no. 8:82-84 Ag '56.

Careful cultivation is a guarantee for high corn yields. N. A. Teterin. Sovkhoz. proizv. no. 6:46-48 Je '56.

Consolidate successes, study shortcomings. A. I. Skrepinskii. Sel'khoz. Povol. no. 7:31-33 Jl '56.

Converting machinery for cultivating between corn rows. S. F. Stryzhel'chuk. Mekh. sil'. hosp. 7 no. 6:20-21 Je '56.

Corn cultivation and soil moisture [with French summary in insert]. D. V. Druzhinin. Pochvovedenie no. 5:43-48 My '56.

Corn fertilizing. A. Antipov. Kolkh. proizv. 16 no. 5: 16 My '56.

Corn-growing experience of state farms that are participants in the All-Union Agricultural Exhibition. E. Vishniakova. Sovkhoz. proizv. no. 8:31-36 Ag '56.

Corn has come into its own. L. M. Efremov. Sel'khoz. Povol. no. 7:30-31 Jl '56.

Corn threshing machines. O. H. Ostapenko. Mekh. sil'. hosp. 7 no. 9:3 of cover S '56.

Decisive period in the cultivation of corn. Mosk. kolkh. 5 no. 7:1-2 Jl '56.

Determining the soil temperature on the basis of the air temperature during planting and germination of corn. IU. I. Chirkov. Meteor. i gidrol. no. 6:32-34 Je '56.

Drying ear corn with heated air in the installation used for mechanical grain ventilation. M. Likhosherstov, V. Kokarovtseva. Muk.-elev. prom. 22 no. 5:5-7 My '56.

Effect of boron fertilizers and organomineral mixtures on corn yields. E. L. Klimashevskii. Agrobiologiia no. 3:108-109 My-Je '56.

Effect of plowing depth on the weediness of soil and corn stands. A. A. Bocharova. Zemledelie 4 no. 7: 114-115 Jl '56.

Ensiling corn by machinery. A. H. Toropov. Mekh. sil'. hosp. 7 no. 6:6-7 Je '56.

Ensiling ear corn. S. IA. Zafren. Svinovodstvo no. 4: 22-25 Je '56.

Feeding corn to horses. P. Shumskii. Konevodstvo 26 no. 9:36-37 S '56.

Feeding swine meat-making rations containing various quantities of corn. V. A. Nazarenko. Svinovodstvo no. 4:16-17 Je '56.

Foliar feeding of corn and vegetables. N. P. Krasinskii. Sel'khoz. Povol. no. 6:23-26 Je '56.

From the notes of a corn grower. Mark Ozernyi. Sov. Ukr. 6 no. 7:116-123 Jl '56.

Giving careful attention to corn. A. A. Golovnev, I. N. Elagin. Nauka i pered. op. v sel'khoz. no. 6:27-30 Je '56.

Letter from Rumania. Virgil Savin. Zhivotnovodstvo no. 6:93 Je '56.

Measures for furthering the transition of collective and state farms for the use of hybrid seed material. Kolkh. proizv. 16 no. 5:12 My '56.

Mechanized diagonal transfer of check wire in corn planting. M. V. Krechetov. Dokl. Akad. sel'khoz. 21 no. 6:40-44 '56.

Mechanized harvesting of corn. I. Eroshkin. Tekhsov. MTS 17 no. 13:1-12 Jl '56.

Methods of fertilizing and the effect of summer precipitations on corn. S. F. Negovelov. Ud. i ur. 1 no. 6:36-43 Je '56.

Reduce the amount of labor involved in corn growing. IA. A. Kobzystyi. Mekh. sil'. hosp. 7 no. 7:10-11 Jl '56.

Regulating the yielding ability of corn by the application of fertilizers. A. F. Kalinkevich. Ud. i ur. 1 no. 6:32-35 Je '56.

Repin, A. [Drying and storing seed corn] Sushka i khranenie kukuruzy. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 48 p. (V pomoshch' agronomu na proizvodstvo) (DA)

Selectivity of fertilization in self-pollinated lines, hybrids, and varieties of corn. Z. I. Shchelokova, Chou Lin-k'ung. Agrobiologiia no. 3:3-10 My-Je '56.

Sowing sized seeds. P. A. Chernomaz. Nauka i zhizn' 23 no. 6:62 Je '56.

Sowing winter wheat after corn. I. L. Kolesnik. Zemledelie 4 no. 7:73-76 Jl '56.

Stalino Collective Farms produce hybrid corn. A. P. Nezhivoi. Nauka i pered. op. v sel'khoz. no. 6:56-57 Je '56.

Technological properties of corn varieties and hybrids. E. Koz'mina. Muk.-elev. prom. 22 no. 6:13-15 Je '56.

Using VP-4 moisture testers for determining the moisture in corn. V. Kisseleva. Muk.-elev. prom. 22 no. 5: 26-27 My '56.

The water cycle and productivity of corn under dry farming and irrigation conditions. L. G. Dobrunov, A. V. Starkova, G. M. Titev. Vest. AN Kazakh. SSR 12 no. 7: 34-44 Jl '56.

Yarovization stage in corn. V. F. Portianko. Agrobiologiia no. 3:28-30 My-Je '56.

CORN (MAIZE)—CONGRESSES

All-Union Conference on the Production of Hybrid Seed Corn. Kolkh. proizv. 16 no. 5:13 My '56.

CORN (MAIZE)—HARVESTING

Avoid losses in harvesting corn. L. S. Kushch. Mosk. kolkh. 5 no. 8:9-10 Ag '56.

Mobile tractor-drawn sledge for corn harvesting. I. H. Voitenko. Mekh. sil'. hosp. 7 no. 8:22 Ag '56.

Some problems in harvesting corn. V. D. Silaev. Mosk. kolkh. 5 no. 6:8-9 Ag '56.

CORN (MAIZE)—STORAGE

Barn for storing and drying seed corn. A. N. Repin. Sel'khoz. Povol. no. 7:78-79 Jl '56.

Shelling and drying corn upon delivery. S. Osadchii. Muk.-elev. prom. 22 no. 5:30 My '56.

CORN (MAIZE)—VARIETIES

"Podmoskovnaya" corn variety. V. E. Pisarev, M. D. Zhilkina. Sel. i sem. 21 no. 3:51-53 '56.

Seed production of VIR double crosses of corn. F. F. Sidorov. Sel. i sem. 21 no. 2:18-21 '56.

CORN BREEDING

Additional pollination of corn. E. G. Grinfel'd. Sel'khoz. Povol. no. 7:76-77 Jl '56.

Corn hybridization using free selective fertilization. Z. I. Shchelokova. Sel. i sem. 21 no. 2:24-28 '56.

Removing corn panicles on hybridization plots. S. Sivortsov. Kolkh. proizv. 16 no. 7:21 Jl '56.

Summer work on corn hybridization plots. I. N. Elagin. Sovkhoz. proizv. no. 7:44-46 Jl '56.

CORN PICKER (MACHINE)

Corn sheller. I. I. Shameka. Mekh. sil'. hosp. 7 no. 8: 5 Ag '56.

Use KU-2 corn-harvesting combines efficiently. O. V. Irodov. Mekh. sil'. hosp. 7 no. 8:14-16 Ag '56.

CORN SUGAR

Potentialities for increased sugar production. M. M. Sviatenko, L. B. Vainshtein. Sakh. prom. 30 no. 5: 34-35 My '56.

CORNCOBS

Utilizing fresh corncobs. V. K. Havryeh. Sots. tvar. 28 no. 8:38-39 Ag '56.

CORNEA

Effect of sulfonamides on regeneration processes in the cornea. P. L. Avgushevich. Oft. zhur. 11 no. 1:58-59 '56.

Effects of pain and its reactions on cell division in the corneal epithelium of mice. I. A. Utkin, L. P. Kondrashenko. Biul. eksp. biol. med. 41 no. 6:65-69 Je '56.

The two-phase reaction to strychnine of cells of Descemet's epithelium in male and female rodents. V. L. Levin. Uch. zap. Len. un. no. 176:125-135 '54.

CORNEA—TRANSPLANTATION

Therapeutic transplantation of the cornea in relapsing pterygium. V. V. Skorodinskaia. Oft. zhur. 11 no. 1: 52-54 '56.

CORNEILLE, PIERRE, 1606-1684

Pierre Corneille. S. Mokul'skii. Teatr 17 no. 6:185-189 Je '56.

Pierre Corneille; on the 350th anniversary of his birth. A. Atroshchanka. Belarus' 13 no. 6:31 Je '56.

CORNICE WORK

Device for placing cornice slabs. P. V. IUkhno. Stroi. i izobr. predl. v stroi. no. 130:15-16 '56.

CORONARY ARTERIES

Action of certain cardiac drugs on the coronary vessels in dogs; electrocardiographic studies using motion pictures. Z. G. Trofimova. Biul. eksp. biol. med. 42 no. 7:40-53 Jl '56.

Functional state of coronary circulation in hypertension; electrocardiographic examinations. R. D. Dibner. Terap. arkh. 28 no. 4:3-9 '56.

CORONARY ARTERIES—DISEASES

Vascular reactions in disorders of coronary blood circulation. R. M. Zaslavskaia. Terap. arkh. 28 no. 4:28-36 '56.

CORPULENCE

Functional state of the thyroid gland in obesity as determined by the radioactive indicator method. K. M. Proatiakov, A. P. Nesterova. Vop. pit. 15 no. 4:27-31 Jl-Ag '56.

CORPUS DELICTI

Examining the site of discovery of a corpse. K. M. Karatsev. Uch. zap. Tadzh. un. 8:117-128 '55.

CORRESPONDENCE SCHOOLS AND COURSES

Correspondence courses for forestry and forest industry workers. M. K. Bykov. Shor. VNITOLES Ukr. resp. sb. no. 1/2:129-131 '54.

Some aspects of organizing the study program correspondence technical school. M. IU. Zaichik. Sred. spets. obr. no. 8:46-50 Ag '56.

The work and needs of an educational consultation center. N. A. Puchkova. Sred. spets. obr. no. 6:26-30 Je '56.

CORROSION AND ANTICORROSIVES

Anticorrosive protection of pipes during transportation and storage. M. S. Goncharevskii, N. V. Bogolavlenskaia. Stal' 16 no. 7:619-623 Jl '56.

Corrosion of metals in the systems with medium degree of dispersion. V. N. Skvortsov. [Trudy]MVTU no. 36: 21-29 '55.

Corrosion protection for rotary diffusion apparatus using varnish and paint coatings. A. F. Chumakov, L. A. Makarenkova. Sakh. prom. 30 no. 5:26-27 My '56.

Damage to propeller shafts due to corrosion. E. A. IAnchevskii. Sudostroenie 22 no. 4:16-18 Ap '56.

Influence of the subsequent heating of the photolayer during action of an air oxidizable metal and hydrogen peroxide vapors. I. L. Roikh. Zhur. fiz. khim. 30 no. 4:954-956 Ap '56.

Labutin, A. L. [Corrosion and methods for protecting equipment in the synthetic rubber industry] Korroziia i sposoby zashchity oborudovaniia v promyshlennosti sinteticheskogo kauchuka. Pod red. G. V. Sagalaeva. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1955. 137 p. (Korroziia v khimicheskikh proizvodstvakh i sposoby zashchity, no. 3)

Mechanism of the electrochemical corrosion of metals in the soil. N. D. Tomashov, J. N. Mikhailovskii. Dokl. AN SSSR 108 no. 4:668-671 Je '56.

Problems of underground corrosion; all-Union conference in Moscow. N. D. Tomashov, P. V. Shchigolev. Vest. AN SSSR 26 no. 6:108-110 Ag '56.

Use of "algor" for corrosion prevention in steam boilers ("Zuker" no. 6 1956). Sakh. prom. 30 no. 6: 70-71 Je '56.

Use of tagged atoms in analyzing the mechanism of the action of anticorrosive additives on oils. IU. S. Zaslavskii and others. Khim. i tekh. topl. no. 4:37-39 Ap '56.

CORROSION AND ANTICORROSIVES (Continued)
Using heterocyclic and some other organic compounds as the inhibitors of atmospheric corrosion. N. A. Saverina. [Trudy]MVTU no. 36:40-54 '55.

CORTINA D'AMPEZZO, ITALY—OLYMPIC GAMES (WINTER)
Best results at Cortina. Charli Kutts. Mol. mira no. 4: 21 '56.
Kuleshov, A. P., and P. A. Sobolev. [The winter Olympics] Snezhnaia olimpiada. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 143 p.

CORYNEBACTERIUM DIPHTHERIAE
Growth inhibitors of Corynebacterium diphtheriae; effect of sulfamide and indole preparations on C. diphtheriae. S. I. Zelepukha. Mikrobiol. zhur. 9 no. 4:52-58 '48.
Growth promoting substances for C. diphtheriae. S. I. Zelepukha. Mikrobiol. zhur. 8 no. 2/3:88-92 '48.
Liponucleoproteins of Corynebacterium diphtheriae. E. K. Alimova. Ukr. biokhim. zhur. 28 no. 2:193-200 '56.

COSMIC RAYS
Cosmic ray generator. V. Petukhov. Sov. Soiuz no. 4: 12-15 Ap '56.
Cosmic ray intensity variations. L. I. Dorman, E. L. Feinberg. Usp. fiz. nauk 59 no. 2:189-228 Je '56.

COSMIC RAYS—SPECTRA
Ionization spectra of the soft components of cosmic rays at sea level. A. G. Meshkovskii, L. I. Sokolov. Zhur. eksp. i teor. fiz. 30 no. 5:840-849 My '56.

COSMOGONY
A book about "The universe." Reviewed by V. V. Bazykin. Nauka i zhizn' 23 no. 7:60-61 Jl '56.
Eternity of the universe. Oleksandra Serbieieva. Rad. zhin. 11 no. 7:25 Jl '56.
Radio astronomy and the study of the universe. S. E. Khaikin. Priroda 45 no. 8:5-14 Ag '56.

COST ACCOUNTING
Analysis of the variations in the consumption of materials as related to production costs. B. D. Tomilov. Trudy LIEI no. 8:107-113 '54.

COST AND STANDARD OF LIVING
(see also subdivision under Germany; Germany, West; United States; White Russia)
Ill-starred defenders of "people's capitalism." E. Varga. Nov. vrem. 14 no. 26:6-9 Je '56.
Where capital rules, high prices, unemployment, and poverty grow. Blok. agit. no. 10:15-22 Ap '54.

COSTS, INDUSTRIAL
How ministries and main administrations plan the cost of industrial production. IU. Margulis. Fin. SSSR 17 no. 7:75-84 Jl '56.
The importance of lowering production costs (statistics and facts). Part. zhizn' no. 12:46-51 Je '56.
Ways to reduce production costs. M. Sakov. Den. i kred. 14 no. 7:29-36 Jl '56.
What are the methods for lowering production costs. N. Tlapkin. Otv. na. vop. trud. no. 66:3-15 '56.

COSTS, INDUSTRIAL—STATISTICS
Use of the index method to reveal the influence of the movement of assortments of goods on the cost index. D. Savinskii. Vest. stat. no. 3:47-52 My-Je '56.

COTTON, EUGENE, 1881-
Great life. Marita Ovsiannikova. Sov. zhen. 12 no. 10: 31 O '56.

COTTON
Bee pollination as a means of increasing the yielding ability and improving the quality of cotton. A. V. Trushkin. Pchelovodstvo 33 no. 8:45-47 Ag '56.
Brief information. Khlopkovodstvo 6 no. 7:62-63 Jl '56.
Brief news from abroad. Khlopkovodstvo 6 no. 7:57 Jl '56.
Galstian, A. SH. [The distribution of nitrogen and phosphorus in the cotton plant] Raspredelenie azota i fosfora v khlopchatnike. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 103 p.
Increase in the salt tolerance of Egyptian cotton plants. A. T. Krapivina. Trudy Inst. fiziol. rast. 6 no. 1:166-179 '48.
Peculiarities of the phasic development of some varieties of cotton [with English summary in insert]. A. S. Kruzhilin, N. N. Nazirov. Fiziol. rast. 3 no. 3:199-203 My-Je '56.

COTTON—DISEASES AND PESTS
Big cotton aphids in Tajikistan. M. N. Narzikulov. Dokl. AN Tadzh. SSR no. 2:19-23 '52.

COTTON—VARIETIES see subdivision under Armenia; China

COTTON BAGGING see Bagging

COTTON BREEDING
Accelerating the union of stock and scion of the cotton plant with the aid of oxygen. A. A. Karapetian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:109-111 Je '56.

COTTON DYEING see Dyes and dyeing—Cotton

COTTON FINISHING
Mironov, I. A. [Safety engineering in dyeing and finishing cotton materials] Tekhnika bezopasnosti v krasil'no-otdelochnom khlopchatobumazhnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstel'noi promyshl. SSSR, 1956. 174 p.

COTTON GROWING
(see subdivision under Kirghizistan; Ordzhonikidzeabad District; Tajikistan; Uzbekistan)
Conference on the defoliation of cotton plants before harvesting. K. E. Ovcharov. Fiziol. rast. 3 no. 4:389-390 Jl-Ag '56.
Experiments in fertilizing cotton with liquid nitrogen fertilizers. I. Romanov. Khlopkovodstvo 6 no. 7: 30-34 Jl '56.
Letters from our readers. Khlopkovodstvo 6 no. 7:60-61 Jl '56.
Patronage of a cotton planting collective farm. I. F. Sukach. Vest. vys. shkoly 14 no. 8:30-31 Ag '56.
Radioactive substances increase cotton yields. V. Rubo. Grazhd. av. 13 no. 7:21 Jl '56.
Tasks of the All-Union Institute of Cotton Growing in the sixth five-year plan. S. Ryzhov. Kolkh. proizv. 16 no. 6:18-19 Je '56.
Vital problems in the over-all mechanization of cotton growing. A. Kolomeitsev. Khlopkovodstvo 6 no. 7: 41-44 Jl '56.

COTTON GROWING—BIBLIOGRAPHY see Bibliography—Cotton growing

COTTON GROWING—COSTS
Go deeper into the economy of cotton-growing collective farms. M. Cherkasskii, V. Zybin. Khlopkovodstvo 6 no. 7:1-4 Jl '56.

COTTON MACHINERY
Drying and cleaning units in cotton plants and the first findings on their work. Khlopkovodstvo 6 no. 7:52-55 Jl '56.

COTTON-PICKING MACHINERY
Restless machine. Gleb Golubev. Druzh. nar. no. 7:106-115 Jl '56.
System of machines for over-all mechanization of harvesting. N. Popov. Khlopkovodstvo 6 no. 7:45-51 Jl '56.

COTTON SPINNING
Russia (1923- U.S.S.R.) Ministerstvo tekstil'noi promyshlennosti. Tekhnicheskoe upravlenie. [Technical control in cotton spinning; instructions] Tekhnicheskii kontrol' v khlopkopriadenii; sbornik instruktsii. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1956. 250 p.

COTTON TRADE see subdivision under United States

COTTONSEED
Composition of hemicellulose and cellulose fractions of cottonseed coats. M. A. Ter-Karapetian, A. M. Ogandzhanian. Dokl. AN Arm. SSR 22 no. 5:209-213 '56.
New data on combined machine-sulfuric acid delinting of cottonseed. M. Golovan', I. Kruglyi. Khlopkovodstvo 6 no. 7:39-40 Jl '56.

COTTONSEED MEAL
Supplementary feed resources. M. E. Prakhin, A. M. Venediktov. Zhivotnovodstvo no. 6:55-60 Je '56.

COULOMB, CHARLES AUGUSTIN DE, 1736-1802
Charles Augustin Coulomb. O. A. Lezhneva. Nauka i zhizn' 23 no. 8:57 Ag '56.

COUMARIN
Dicumarin. Nonspecific serum. Voen.-med. zhur. no. 9:94-95 S '51.

COUNTING DEVICES
Automation and telemechanics-two sisters. O. Eromyis'kyi. Pionerita 33 no. 8:9-11 Ag '56.

COUPLINGS
Selecting the weight of the shoe for the centrifugal coupling of the drive of the centrifuge. K. A. Bortnovskii. Sakh. prom. 30 no. 5:17-21 My '56.
Studying tension unions of special parts. I. A. Mishin. Shor. nauch. rab. LIMSKH 9:71-93 '53.

COURTS, LABOR see Labor courts

COURTSHIP
Love should be proud and pure. Smena 33 no. 12:13-14 Je '56.

COW BARNS see Dairy barns

COWS
(see subdivision under Ukraine)
Measures for the prevention of barreness in cows. A. P. Koval'ov. Sots. tvar. 28 no. 8:58-61 Ag '56.
Prevention of barreness in cows. H. V. Samoilenko. Sots. tvar. 28 no. 6:27-28 Je '56.
Some distinctive features of the lactation reflex in cows showing different mobility and equilibrium of their cortical nerve processes. E. P. Kokorina. Dokl. AN SSSR 108 no. 4:748-749 Je '56.

COWS—WATERING
Methods for setting up the automatic watering of cows in enclosed pastures. M. P. Urchenko. Mekh. sil'. hosp. 7 no. 9:25-26 S '56.

COYPU
(see also subdivision under Daghestan)
Work experience of leading coypu farms. G. V. Sokolov. Kar. i zver. 9 no. 3:34-39 My-Je '56.

CRABS see subdivision under Black Sea

CRACKING PROCESS
Bondarenko, B. L., D. D. Nikulin, and V. P. Sukhanov. [Catalytic cracking] Kataliticheskii kreking. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 208 p.
Catalytic cracking of vapor-gas products of coal semi-coking. V. A. Zhukov and others. Trudy LIEI no. 9:97-106 '55.
Determining the quantity of circulating catalysts in cracking processes using moving powdered catalysts. N. M. Indiukov, M. I. Rustanov, G. M. Shteinshnaider. Khim. i tekh. topl. no. 4:1-6 Ap '56.
Effect of the chemical characteristics and composition of cracking catalysts on their action stability. L. I. Piguzova. Khim. i tekh. topl. no. 6:43-54 Je '56.
Formation of coke on aluminosilicate cracking catalysts. B. V. Klimenok, E. A. Andreev, V. A. Gordeeva. Izv. AN SSSR. Otd. khim. nauk no. 5:525-530 My '56.
Kinetics and mechanism of the decomposition of hydrocarbons. Part 1. Cracking of ethane initiated by additions of azomethane (with English summary in insert). A. D. Stepukhovich, E. G. Kaplan. Zhur. fiz. khim. 30 no. 4:928-933 Ap '56.

CRANE FLIES see subdivision under Tajikistan

CRANES, DERRICKS, ETC.
(see also subdivision under Europe, Western)
Apparatus for hoisting the removable part of transformers in substations. T. P. Musalov. Elek. sta. 27 no. 6:59-60 Je '56.
E-505 crane-excavator for loading logs. A. I. Leshkevich, A. E. Ratnovskii. Les. prom. 34 no. 7:8-11 Jl '56.
Hydraulic self-propelled crane. Stroi. pred. neft. prom. 1 no. 2:31 Ap '56.
Improve the utilization of tower cranes. E. V. Adamenko, I. N. Kleinerman. Mekh. stroi. 13 no. 6:14-17 Je '56.
Increasing the lifting power of a pouring crane ladle from 220 to 270 t. S. M. Ryzhov. Metallurg no. 1:28-29 Ja '56.
Loading tree-length logs by the tractor-mounted crane developed by the Central Scientific Research Institute of Logging. I. O. Osipenko. Les. prom. 34 no. 7:12-14 Jl '56.
New tower crane. A. Aleksandrov, K. Nikul'shin. Sel'. stroi. 11 no. 5:21 My '56.
On using cable cranes in building hydraulic structures. A. G. Zolotarev. Gidr. stroi. 25 no. 5:49-50 Je '56.
Testing reinforced trusses at the Gorkiy Hydroelectric Power Station. G. E. Mironov. Gidr. stroi. 25 no. 6: 51-52 Jl '56.
Truck-mounted hydraulic crane. Stroi. pred. neft. prom. 1 no. 4:30 Je '56.
Two-cantilever gantry crane. Mekh. trud. rab. 10 no. 7:41 Jl '56.

CRANES, DERRICKS, ETC.—REPAIRING
Overhauling the electric equipment of overhead cranes without down time. V. I. Boltushkin, I. E. Khaliuzev. Prom. energ. 11 no. 5:18-19 My '56.

CRANES, DERRICKS, ETC.—STANDARDS
All-Union State Standard for general-purpose electric single-beam suspension cranes. Biul. stroi. tekh. 13 no. 7:33 Jl '56.
Attaching the axis of a crane track to the axis of a series of columns. Biul. stroi. tekh. 13 no. 7:32-33 Jl '56.

CRANIUM—DISEASES
Fibrous dysplasia of the cranium. E. M. Gol'tsman. Vest. rent. i rad. 31 no. 3:47-50 My-Je '56.

CRANKS AND CRANKSHAFTS
Anode-mechanical processing of crankpins. L. P. Reva. Mekh. sil'. hosp. 7 no. 9:21-22 S '56.
Causes for the rupture of crankshafts of starting motors. M. H. Bondarenko. Mekh. sil'. hosp. 7 no. 8:7 Ag '56.

CREATINE
Creatinuria in women in childbirth. A. D. Braun, T. A. Akhmateli, N. I. Mirovich. Vop. med. khim. 2 no. 1:64-68 Ja-F '56.
Data on the experimental studies of muscular distrophy. Part 2. Creatine and carnosine contents and activity of adenosinetriphosphatase and phosphopherase in muscle of rabbits. A. IA. Mestechkina. Ukr. biokhim. zhur. 22 no. 2:166-175 '50.

CREDIT
Credit and ruble control in light industry and in the food industries. V. Lovtsov. Den. i kred. 14 no. 6:11-18 Je '56.
Improve credit and payment in the national economy. P. Nosko. Den. i kred. 14 no. 7:8-16 Jl '56.

CREDIT, AGRICULTURAL see Agricultural credit

CREEP OF MATERIALS
Creep in oval and variably walled pipes. L. M. Kachanov. Izv. AN SSSR. Otd. tekh. nauk no. 9:65-71 S '56.

CREEP OF METALS
Pure bending of beams with creep. N. N. Shchetinin. Izv. AN SSSR, Otd. tekh. nauk no. 8:37-41 Ag '56.

CRETE—HISTORY
European powers and the Crete question in 1908-1912. I. S. Galkin. Vop. ist. no. 5:126-140 My '56.

CRETE—MINOAN WRITING
Mystery of a script. Kh. I. Pekler. Nauka i zhizn' 23 no. 6:57-58 Je '56.

CRIME AND CRIMINALS see subdivision under Moscow

CRIME AND EDUCATION see Education and crime

CRIMEA—CAVES
Study of a buried cave in the Crimea. A. A. Formozov. Priroda 45 no. 7:102-104 Jl '56.

CRIMEA—CHURCH ARCHITECTURE
Medieval Armenian architecture in the Crimea. A. L. IAkobson. Viz. vrem. 8:166-191 '56.

CRIMEA—DERMATOPHYTES
Dynamics of dermatophytal microflora in the Crimea. R. I. TSybul'skaia. Vest. ven. i derm. no. 3:65 My-Je '56.

CRIMEA—FRUIT—DISEASES AND PESTS
Book on plant protection ("Controlling fruit pests and diseases in Crimea." L Livshits, N. Petrushova, S. Galetenko. Reviewed by E. E. Savzdarg). Agrobiologiia no. 3:155-156 My-Je '56.

CRIMEA—GUIDEBOOKS
In our country's spaces ("Through Crimea on foot," V. Shlaposhnikov, I. Kirillov; "Kerch," F. Gusarov, L. Chulistova. Reviewed by Pavlo Vyshnevyi). Vitchyzna 24 no. 7:185-187 Jl '56.

CRIMEA—HISTORY
Medvedeva, I. N. [Taurida; historical sketches and stories] Tavrida; istoricheskie ocherki i rasskazy. [Leningrad] Lenizdat, 1956. 441 p.

CRIMEA—LEAF ROLLERS
Time for controlling the first generation of the eudemis moth. E. K. Zass. Sad i og. no. 6:62 Je '56.

CRIMEA—MITES
Measures for controlling fruit mites in the Crimea. A. S. Krylova. Sad i og. no. 7:62-63 Jl '56.

CRIMEA—PLANT LICE
New preparations for aphid control. T. I. Rogova. Sad i og. no. 6:61 Je '56.

CRIMEA—Q FEVER
Clinical and epidemiological data on Q fever in Crimea. P. A. Korolev, A. P. Kolotygina. Zhur. mikrobiol. epid. i immun. 27 no. 7:10-15 Jl '56.

CRIMEA—ROSES
Crimean roses. L. Pozdniakova. Rad. zhin. 11 no. 7: 26-27 Jl '56.

CRIMEA—SEA AIR
Studying the physiological functions of the body in climatotherapy for tuberculosis on the southern shores of the Crimea. V. G. Boksha. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:13-17 Ja-Mr '56.

CRIMEA—SHORE LINES
Observations on the absolute rate of abrasion of the Crimean shore line. V. P. Zenkovich. Trudy Inst. geog. 68:147-165 '56.

CRIMEA—TILLAGE
Work of a collective farm experiment station. I. Egudin, N. Panevskii. Kolkh. proizv. 16 no. 5:39-40 My '56.

CRIMEA—TRANSPORTATION, AUTOMOTIVE
Organization of passenger conveyance at Crimean health resorts. A. Maksimov. Avt. transp. 34 no. 6:10-11 Je '56.

CRIMEA—TURKEYS
Raising turkeys in the Crimea. N. V. Kalugina. Ptitsevodstvo 6 no. 6:14-15 Je '56.

CRIMEA—WINE AND WINE MAKING
Wines of the "Solnechnaia dolina" State Farm. A. A. Egorov. Vin. SSSR 16 no. 4:13-14 '56.

CRIMEAN ASTROPHYSICAL OBSERVATORY
At the Crimean Astrophysical Observatory; expanded observation program. A. B. Severnyi. Vest. AN SSSR 26 no. 8:88-90 Ag '56.

CRIMES AGAINST HUMANITY
Trainin, A. N. [Safeguarding peace and fighting crimes against humanity] Zashchita mira i bor'ba s prestupleniiami protiv chelovechestva. Moskva, Izd-vo Akademii nauk SSSR, 1956. 298 p.

CRIMINAL ATTEMPT
Elements of an incomplete crime. I. S. Tishkevich. Sov. gos. i pravo no. 5:120-122 '56.

CRIMINAL INVESTIGATION
The case about the briefcase filled with money. IA. Margunov. Ogonek 34 no. 25:31 Je '56.

CRIMINAL LAW
(see also subdivision under Ukraine)
The components of crimes which constitute survivals of patriarchal life in connection with the draft of the criminal code of the U. S. S. R. IU. P. Kasatkin. Uch. zap. Tadzh. un. 8:105-115 '55.
Criminal law in the works of the Decembrist. N. I. Turgenev. I. I. Solodkin. Vest. Len. un. 11 no. 11: 116-126 '56.
"Soviet criminal law in the struggle against inefficiency and waste." T. L. Sergeeva. Reviewed by N. A. Beliaev. Sov. gos. i pravo no. 5:138-140 '56.

CRIMINAL PROCEDURE
Min'kovskii, G. M. [The limits of evidence in Soviet criminal procedure] Predely dokazyvaniia v sovetskom ugolovnom protsesse. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 114 p.
Polianskii, N. N. [Problems in the theory of Soviet criminal procedure] Voprosy teorii sovetskogo ugolovnogo protsessa. [Moskva] Izd-vo Moskovskogo univ., 1956. 271 p.
Review of sentences based on new evidence. I. B. Sternik. Sov. gos. i pravo no. 5:122-124 '56.
Russia (1917- R. S. F. S. R.) Laws, statutes, etc. [Code of criminal procedure of the R. S. F. S. R. Official text with amendments as of February 1, 1956, and with a supplement of materials classified by paragraphs] Ugolovno-protsessual'nyi kodeks RSFSR. Ofitsial'nyi tekst s izmeneniiami na 1 fevralia 1956 g. i s prilozheniem postateino-sistematizirovannykh materialov. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 264 p.

CRIMINAL PROCEDURE—STUDY AND TEACHING
"Case book for practical exercises in Soviet criminal procedure." Reviewed by A. L. Rivlin. Vest. Len. un. 11 no. 11:140-143 '56.

CRINOIDEA, FOSSIL
Classification of stems of sea lilies. R. S. Ehrysheva. Vest. Len. un. 11 no. 12:40-48 '56.

CRITICISM
Mournful notes. Zvezda no. 7:180-191 Jl '56.

CRITICISM, DRAMATIC see Dramatic criticism

CROP ROTATION see Rotation of crops

CROP YIELDS
Effect of various cultivation practices on crop yields and the cost of production. A. V. Komashchenko. Sel'khoz. Povol. no. 7:69-71 Jl '56.
How forest plantations affect the increase of crop yields on adjacent fields. V. F. Morozov, G. I. Kazakov. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:134-160 '55.
How the "Krasnoe Solntse" Collective Farm strives for increased crop yields. N. V. Popov, M. I. Kukhovarenko. Ud. i ur. 1 no. 5:48-50 My '56.

CROPS AND CLIMATE
Climatic conditions and nature of wintering forms developed from spring plants. O. T. Lysenko. Agrobiologiia no. 3:71-77 My-Je '56.

CROWS see subdivision under Oka Valley

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY
Experience in operating rock crushing plants. A. V. Gor'kov. Mekh. stroi. 13 no. 7:3 of cover Jl '56.
Regulating the productivity of a mill by sound measurement. E. L. Kritskii, IU. F. Nenarokov, M. G. Zabirov. Gor. zhur. no. 7:37-40 Jl '56.
The SMD hammer mill. A. I. Borisov. Torf. prom. 33 no. 4:31-34 '56.
Vibrational crushing of materials. M. L. Morgulis. Khim. nauka i prom. 1 no. 2:186-199 '56.

CRYSTAL DETECTORS
Direct volt-amper characteristics of large-area rectifiers at considerably strong currents. E. I. Rashba, K. B. Tolpygo. Zhur. tekh. fiz. 20 no. 7:1410-1427 Jl '50.

CRYSTAL LATTICES
Oscillation spectrum of nonordered crystal lattices. I. M. Lifshits, G. I. Stepanova. Zhur. eksp. i teor. fiz. 30 no. 5:938-946 My '56.
Relation between the mechanical properties and the atomic interaction in the crystal lattice of solids. B. M. Rovinskii. Izv. AN SSSR. Otd. tekh. nauk no. 9: 55-64 S '56.
"Smoothing" of charge density in the polaron theory. M. Sh. Giterman. Zhur. eksp. i teor. fiz. 30 no. 5:992-993 My '50.
Theory of polaron mobility. K. B. Tolpygo, Z. I. Urliskii. Zhur. eksp. i teor. fiz. 30 no. 5:929-937 My '56.

CRYSTALLINE LENS
Age-dependent changes in the water content of the crystalline lens in baths. V. G. Alekseev. Vop. med. khim. 11 no. 1:57 '56.
Soluble proteins of the crystalline lens of the eye. K. F. Firfarova. Vop. med. khim. 2 no. 1:60-72 Ja-F '56.

CRYSTALLIZATION
Kinetics of crystallization and condensation. G. M. Tsukerman. Probl. kin. i kat. 7:91-133 '40.
Rate of crystallization for gypsum from aqueous solutions of certain salts. N. V. Perfilova, K. P. Mishchenko. Probl. kin. i kat. 7:133-136 '40.
Recrystallization of minerals. D. P. Grigor'ev. Zap. Vses. min. ob-va 85 no. 2:147-170 '56.
Separation of synthetic acids by means of extractive crystallization with the aid of urea. N. G. Freidlin, K. D. Tamnik. Zhur. prikl. khim. 29 no. 6:933-943 Je '56.

CRYSTALLOCHEMISTRY
Certain adsorption peculiarities conditioned by "lattice disorder" on crystal surfaces. F. F. Vol'kenshtein. Probl. kin. i kat. 7:360-382 '49.
Determination of fibrous texture characteristics by means of ordinary slant cameras. M. A. Rumsh, N. G. Baklagina. Vest. Len. un. 11 no. 10:12-21 '56.
Elementary method for calculating the effect of the crystal-lattice field on ionic single-electron S- and P-functions. M. I. Petrashen', A. V. Ivanova, E. Ia. Vol'f. Vest. Len. un. 11 no. 10:29-36 '56.

CRYSTALLOGRAPHY
Arrangement of patterns of crystalline structural units and the projection of structures on planes of pseudosymmetry of crystal. III. V. Kazitsyn, G. V. Alekseeva. Zap. Vses. min. ob-va 85 no. 2:197-201 '56.
Determining the optical parameters of absorbing crystals. F. I. Fedorov. Izv. AN SSSR. Ser. fiz. 20 no. 5:548-550 My '56.
Development of crystallographic research; Leningrad session devoted to Fedorov. V. A. Mokievskii. Vest. AN SSSR 26 no. 8:112-113 Ag '56.
Irregular optical biaxiality of minerals. L. A. Vardaniants. Izv. AN Arm. SSR, Ser. FMET nauk 6 no. 4:41-44 Jl-Ag '53.
Notes on structural mineralogy. N. V. Belov. Min. sbor. no. 9:3-14 '55.
Principles for the empirical verification of the stereocosmopolic method. L. A. Vardaniants. Izv. AN Arm. SSR, Ser. FMI. nauk 6 no. 4:47-52 Jl-Ag '53.

CRYSTALLOGRAPHY—CONGRESSES see subdivision under Madrid

CRYSTALS
Edge forms of crystals. V. I. Mikheev, I. I. Shafranovskii. Min. sbor. no. 9:15-24 '55.
Growth conditions, geometry, and symmetry of skeletal crystals. I. I. Shafranovskii, V. A. Moktavskii. Zap. Vses. min. ob-va 85 no. 2:171-186 '56.
Role of water in crystals. J. D. Bernal. [Translated from the French by I. I. Lipilina] Usp. khim. 25 no. 5:647-661 My '56.
Study of the adsorption of vapors on crystal surfaces. B. P. Boring, V. V. Serpinskii. Probl. kin. i kat. 7:383-400 '49.

CUCUMBERS
Shoromotovskii, P. V. [Cucumbers] Ogurtsy. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 79 p. (Biblioteka ovoshchevoda) (DA)

CUCUMBERS—VARIETIES
Frost-resistant cucumbers. Nauka i zhizn' 23 no. 6:43 Je '56.

CULTIVATED PLANTS see Plants, Cultivated

CULTIVATORS
Converting machinery for cultivating between corn rows. S. F. Stryzhel'chuk. Mekh. sil'. hosp. 7 no. 5:30-31 Je '56.
Make full use of combination cultivators-hillers. V. A. Mel'nikov. Kartofel' no. 2:38-40 My-Je '56.

CULTURE
(see also subdivision under Armenia; Buryat-Mongolia; China; Kazakhstan; Kiev Province)
From month to month. Inostr. lit. no. 7:265-281 Jl '56.

CUMENE
Manufacture of phenol and acetone from isopropylbenzene. B. D. Kruzhalov, P. G. Sergeev. Khim. nauka i prom. 1 no. 3:287-297 '56.

CUNEIFORM INSCRIPTIONS, VANNIC
Remarks on Urartu cuneiform writing. N. Arutiunian. Izv. AN Arm. SSR Obshchestv. nauki no. 7:89-95 Jl '56.

CUPFERRON
Utilization of the immiscibility with water of organic solvents in analytical chemistry. Part 2. Extraction of cupferronates. F. G. Zharovskii. Ukr. khim. zhur. 17 no. 3:209-216 '51.

CURIE, PIERRE, 1859-1906

Fiftieth anniversary of the death of Pierre Curie. N. N. Stepanenko, N. A. Sokolov. Fel'd. i akush. 21 no. 6: 29-32 Je '56.

In memory of Pierre Curie, 1859-1906. Akust. zhur. 2 no. 2:223 Ap-Je '56.

CURRENCY see Money

CURRENCY QUESTION—HISTORY

Currency circulation and the financial situation in Russia (1904-1907). A. L. Sidorova. Ist. arkh. no. 3:88-123 My-Je '56.

CURZON LINE

The Curzon Line against the background of political events and territorial changes in Eastern Europe. Mikola Volaisich. Belaruski zbornik 3:60-130 '55.

CUSTOMARY LAW see subdivision under Kazakhstan

CUTLERY

Mechanizing the production of knives and scissors. A. Cherniak, L. Gai. Prom. koop. no. 5:8-11 My '56.

CUTTING FLUIDS

Selection of lubricants for metal cutting machines. Stan. i instr. 27 no. 8:44-45 Ag '56.

CUTTING OF METAL see Metal cutting

CUTTING TOOLS

Allowances for form cutting tools; letter to the editor. S. K. Darmanchev. Vest. mash. 36 no. 7:90-91 Jl '56.

Cutting-edge breakdown diagrams for evaluating the efficiency of hard-alloy cutting tools. A. N. Reznikov. Vest. mash. 36 no. 7:39-42 Jl '56.

Efficient organization of tool management. G. Kotin, S. Kheifman. Avt. transp. 34 no. 6:22-24 Je '56.

Electrochemical and chemical treatment to increase the durability of cutting tools. V. I. Smykova. [Trudy] MVTU no. 36:55-61 '55.

History of metalcutting tools. A. I. Cherepnev. Trudy Inst. ist. est. i tekh. 6:255-259 '56.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii instrumental'nyi institut. [Design of cutting tools] Konstruirovanie rezhushchego instrumenta. Pod red. G.I.Granovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 114 p.

CUTTING TOOLS—WELDING

Heat treatment of welded tools. I. I. Dzhevaga. Stan. i instr. 27 no. 6:24-25 Je '56.

Quality and precision of surfaces machined by ceramic cutting tools. V. I. Zhikharev. Vest. mash. 36 no. 7: 42-45 Jl '56.

Using waste high-speed steel at machine-tractor stations and interdistrict workshops for major repairs. H. I. Zaleta'kyi. Mekh. sil'. hosp. 7 no. 9:20-21 S '56.

CUTWORMS see subdivision under White Russia

CYANINE DYES

Cyanine dyes and styryls of the benzo-1, 4-thiazine series. A. I. Kiprianov, Z. N. Pazenko. Dop. AN URSR no. 3:15-21 '40.

CYBERNETICS

(see also subdivision under Namur, Belgium)

Machine and body. I. S. Bruk. Znan. sila 31 no. 7:37-38 Jl '56.

"Machines' rebellion" and cybernetics. A. Vladimirov. Znan. sila 31 no. 7:7-9 Jl '56.

On cybernetics. E. Kol'man. Znan. sila 31 no. 7:8-9 Jl '56.

Some problems in cybernetics. M. Bakhmet'ev. Znan. sila 31 no. 7:28-32 Jl '56.

CYCLOHEXANE

Research in the field of unsaturated cyclic hydrocarbons and of their derivatives. Part 19. Synthesis of 1,2,3-tribromocyclohexane and its interaction with quinoline. N.A.Domnin, M.A.Larionova. Zhur. ob. khim. 26 no. 5:1396-1400 My '56.

CYCLOHEXENE

Research in the field of stereochemistry of cyclic compounds. Part 10. Stereochemistry of the diene condensation of 1-vinyl-$\Delta^3$-cyclohexene with maleic anhydride. I. N. Nazarov, V. F. Kucherov, V. M. Andreev. Izv. AN SSSR. Otd. khim. nauk no. 6:715-722 Je '56.

Research in the stereochemistry of cyclic compounds. Part 9. Condensation of 1-vinyl-$\Delta^1$-cyclohexene with methyl acrylate. I. N. Nazarov, V. F. Kucherov, G. M. Segal'. Izv. AN SSSR. Otd. khim. nauk no. 5:559-568 My '56.

CYCLONES

Quantitative characteristics of cyclonic activity. A. V. Kunfis. Meteor. i gidrol. no. 6:28-30 Je '56.

CYCLOPROPANE

Cyclopropane derivatives and their isomeric conversions. T. A. Favorskaia. Vest. Len. un. 11 no. 10:93-102 '56.

CYPRUS—POLITICS AND GOVERNMENT

What is happening on the island of Cyprus? P. Donskoi. Otv. na vop. trud. no. 30:62-68 '56.

CYRENAICA

Pentapolis according to the letters of Synesius. M. V. Levchenko. Viz. vrem. 9:3-44 '56.

CYSTOSCOPY see Bladder—Exploration

CYSTS

Acute intestinal obstruction due to a cyst of the appendix. I. M. Popov. Khirurgiia no. 5:76 My '56.

Purulent pancreatic pseudocyst. S. B. Samarokov. Sov. med. 20 no. 6:74-75 Je '56.

CYTOCHROME OXIDASE

Data on characteristics of cytochrome oxidase in plants [with English summary in insert]. B. A. Rubin, M. E. Ladygina. Biokhimiia 21 no. 3:347-355 My-Je '56.

CYTOCHROMES

Effect of light on the oxidation-reduction transformations of cytochrome and sensitization of these reactions by chlorophyll and bacteriochlorophyll. A. A. Krasnovskii, K. K. Voinovskaia. Biofizika 1 no. 2:120-126 '56.

CYTOLOGY see Cells

CZECH LANGUAGE—ACCENTS AND ACCENTATION

Development of accents in the Czech language. M. A. Pushkar. Dop. ta pov. L'viv. un. no. 3, pt. 1:28-32 '52.

CZECH LANGUAGE—WORDS—HISTORY

Development of the Czech vocabulary in the light of I. V. Stalin's teachings on linguistics. M. Pushkar. Dop. ta pov. L'viv. un. no. 4, pt. 1:59-61 '53.

CZECH LITERATURE—HISTORY AND CRITICISM

The Czech ties of Ivan Franko. E. Grabar'. Slaviane no. 8:15-20 Ag '56.

CZECHOSLOVAKIA—AERONAUTICS, COMMERCIAL

Meeting of friends. V. Gol'tsov. Grazhd. av. 13 no. 6: 30 Je '56.

CZECHOSLOVAKIA—AGRICULTURAL MACHINERY

Mechanized cultivation and harvesting of sugar beets in Czechoslovakia. F. M. Solovei. Sakh. svekl. no. 3: 46-47 My '56.

CZECHOSLOVAKIA—BIOLOGY—PERIODICALS

"Biology," a journal of the Slovak Academy of Sciences; volume 6, nos. 5-6, 1953, vol. 9, nos. 1-6, 1954. Reviewed by I. P. Bilokin'. Ukr. bot. zhur. 13 no. 2: 112-115 '56.

CZECHOSLOVAKIA—BOTANY—PERIODICALS

"Preslia," journal of the Czechoslovakian Botanical Society; volume 26, nos. 1, 2, 3, 4, 1954. Reviewed by I. P. Bilokin'. Ukr. bot. zhur. 13 no. 1:107-111 '56.

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL

Czechoslovakian diary. Oleksii Poltorats'kyi. Vitchyzna 24 no. 7:100-131 Jl '56.

Popovkin, E. E. [Impressions of Czechoslovakia; travel notes] Chekhoslovatskie vpechatleniia; iz putevogo bloknota. Simferopol', Krymizdat, 1956. 30 p.

Trip to Prague; from a tourist's notebook. Ivan Melezh. Druzh. nar. no. 8:135-143 Ag '56.

CZECHOSLOVAKIA—ECONOMIC POLICY

Czechoslovak industry in the second five-year plan. Rene' Frühauf. Nov. vrem. 14 no. 27:8-11 Je '56.

Second five-year plan in Czechoslovakia. Mezhdunar. zhizn' no. 7:124-126 Jl '56.

CZECHOSLOVAKIA—FOREIGN ECONOMIC RELATIONS

Czechoslovakia extends its economic ties with the entire world [with summary in English]. G. Vekshin. Vnesh. torg. 26 no. 6:1-5 Je '56.

CZECHOSLOVAKIA—FOREIGN RELATIONS—POLAND

Negotiations at Warsaw. Mezhdunar. zhizn' no. 8:131-132 Ag '56.

CZECHOSLOVAKIA—GOVERNMENT, RESISTANCE TO

How to cause a sensation. Nov. vrem. 14 no. 32:17-18 Ag '56.

CZECHOSLOVAKIA—HISTORY

Czechoslovakia in the years of the economic crisis (1930-1933). S. I. Prasolov. Uch. zap. Inst. slav. 12:3-64 '56.

CZECHOSLOVAKIA—INSEMINATION, ARTIFICIAL

Organizing artificial insemination of cattle in Czechoslovakia. A. S. Velakikh. Zhivotnovodstvo no. 6:83-85 Je '56.

CZECHOSLOVAKIA—KINDERGARTENS

Kindergartens in Czechoslovakia. A. Hinieva'kyi. Doshk. vykh. 17 no. 6:33-34 Je '56.

CZECHOSLOVAKIA—LABOR LAWS AND LEGISLATION

"Czechoslovak labor law" [in Czech]. K. Witz, J. Hromada. Reviewed by V. K. Mironov. Sov. gos. i pravo no. 6: 146-149 '56.

CZECHOSLOVAKIA—MERCHANT MARINE

Czechoslovakia, a maritime power. Karel Bouda. Nov. vrem. 14 no. 26:21-23 Je '56.

CZECHOSLOVAKIA—MILITARY EDUCATION

Mass defense organization of Czechoslovak patriots. C. Hruska. Voen. zhur. 31[i.e. 32] no. 5:28 My '56.

CZECHOSLOVAKIA—MILL AND FACTORY BUILDINGS—MODELS

Modeling in designing machine-building plants in Czechoslovakia. E. N. Nasonov. Vest. mash. 36 no. 7:85-86 Jl '56.

CZECHOSLOVAKIA—MOTION-PICTURE CARTOONS

"Creation of the world." Isk. kino no. 5:109 My '56.

CZECHOSLOVAKIA—MOTION PICTURES, DOCUMENTARY

Czechoslovak popular science motion pictures. Isk. kino no. 5:110-111 My '56.

CZECHOSLOVAKIA—MICROBIOLOGY

Microbiology in Czechoslovakia. Ivan Malek. Priroda 45 no. 7:65-68 Jl '56.

CZECHOSLOVAKIA—ORIENTAL STUDIES

Work of the Institute of Oriental Studies of the Czechoslovak Academy of Sciences. L. Zgusta. Sov. vostokoved. no. 3:147-149 '56.

CZECHOSLOVAKIA—PRECAST CONCRETE CONSTRUCTION

Arched warehouse made of prestressed reinforced elements. A. G. Pogosov, E. A. Neevin, Iu. N. Afanas'ev. Stroi. prom. 34 no. 6:41-44 Je '56.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA

Guests from Czechoslovakia. Raspr. pech. no. 7:3 Jl '56.

Meeting of friends. V. Gol'tsov. Grazhd. av. 13 no. 6: 30 Je '56.

Meetings and impressions. L. Kirillova. Slaviane no. 7:46-49 Jl '56.

CZECHOSLOVAKIA—SCHOOLHOUSES

New school buildings in Czechoslovakia. Nar. obr. no. 6:80-81 Je '56.

CZECHOSLOVAKIA—SOIL RESEARCH

Present state and basic problems of soil science in Czechoslovakia. V. Kosil. Pochvovedenie no. 5:112-114 My '56.

CZECHOSLOVAKIA—SUGAR BEETS

Mechanized cultivation and harvesting of sugar beets in Czechoslovakia. F. M. Solovei. Sakh. svekl. no. 3: 46-47 My '56.

A trip to Czechoslovakia and France (from a notebook). A. L. Mazlumov. Sakh. svekl. no. 5:42-45 Jl '56.

CZECHOSLOVAKIA—TECHNICAL EDUCATION

In the technical schools of Czechoslovakia. Rudolf Lajfr, Gerhard Rener. Sred. spets. obr. no. 7:52-54 Jl '56.

CZECHOSLOVAKIA—TELECOMMUNICATION

Two weeks in Czechoslovakia. D. D. Erigin. Vest. sviazi 16 no. 4:31-33 Ap '56.

CZECHOSLOVAKIA—TELEVISION—RECEIVERS AND RECEPTION

"Tesla 4202A." Nauka i zhizn' 23 no. 7:56 Jl '56.

CZECHOSLOVAKIA—TELEVISION IN HEALTH EDUCATION

In the people's democracies. Fel'd. i akush. 21 no. 6: 63 Je '56.

CZECHOSLOVAKIA—THEATER

Old and unforgettable ties. G. Gulianitskaia. Nova no. 8: 154-157 Ag '56.

CZECHOSLOVAKIA—WAGES

Current wage problems in Czechoslovak industry. I. Gref. Sots. trud no. 7:20-28 Jl '56.

CZECHOSLOVAKIA—WOMEN—EMPLOYMENT

Hello, Prague! Turin is speaking. Roger Klein. Vsem. prof. dvizh. no. 6:39-41 Je '56.

CZECHOSLOVAKIA—YOUTH—HISTORY

Franko and Czech and Slovak youth. František Hlaváček. Dnipro 30 no. 8:102-104 Ag '56.

DDT (INSECTICIDE)

Control of ox warble fly of cattle. A. T. Kravets. Sovkhoz. proizv. no. 7:72-73 Jl '56.

Laboratory investigation of the toxic effect of DDT upon all development phases of Ixodes ricinus L. A. S. Lutta, R. E. Shul'man. Dokl. AN SSSR 108 no. 2:367-369 My '56.

Organization of tick control in the taiga. S. G. Gladkikh, S. A. Shilova, N. N. Tkachenko. Voen.-med. zhur. no. 3:67-69 Mr '56.

Results of introducing in the Ukraine the method of using DDT and benzene hexachloride dusts to protect pine seedling roots from the larvae of scarabs. D. F. Rudnev, N. F. Pashov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2: 94-100 '54.

DAGHESTAN—BOOKSELLERS AND BOOKSELLING

In a district store of Daghestan. A. Abdulaev. Sov. knizh. torg. no. 7:23 Jl '56.

DAGHESTAN—COYPU

Coypu in Daghestan. E. E. Syroechkovskii. Priroda 45 no. 7:99-101 Jl '56.

DAGHESTAN—NEWSPAPER AND PERIODICAL CIRCULATION

Working actively. M. Kamilov. Raspr. pech. no. 7:12 Jl '56.

DAIRIES see Dairy plants

DAIRY BARNS

Reinforced concrete in the building of cow barns. V. V. Zakharchenko. Sots. tvar. 28 no. 8:51-52 Ag '56.

DAIRY CATTLE
(see also subdivision under Kazakhstan; Moscow Province)

Effective method for raising the fat content of milk. N. Gerchikov. Kolkh. proizv. 16 no. 7:32 Jl '56.

From a zootechnician's notebook. N. P. Smirnov. Mosk. kolkh. 5 no. 7:35 Jl '56.

How we are going to develop dairy husbandry in the sixth five-year plan. I. Kalinichenko. Kolkh. proizv. 16 no. 7:27-29 Jl '56.

DAIRY CATTLE—FEEDING AND FEEDING STUFFS
(see also subdivision under Ukraine)

Green fodder plan is an important measure for increasing the productivity of cows. V. L. Sotov. Sovkhoz. proizv. no. 6:56-58 Je '56.

Improving summer feeding of cattle. A. Kalējs. Kolkh. proizv. 16 no. 5:24-25 My '56.

Successes of the "Novaia Zhizn'" Collective Farm cattle breeders. IA. Chugunkov. Kolkh. proizv. 16 no. 6:33 Je '56.

What we gain from the stall and field shelter system of keeping cattle. E. S. Rashchupkina. Sel'khoz. Povol. no. 7:51-54 Jl '56.

DAIRY INDUSTRY
(see also subdivision under Sweden)

Economic effectiveness of consolidated enterprises. M. Vovchenko, A. Kulebiakin. Moloch. prom. 17 no. 5:29-30 '56.

Letters from plants. Moloch. prom. 17 no. 5:38-39 '56.

Shortcomings of an important book ("Technology of milk and milk products." M. M. Kazanskii, G. V. Tverdokhleb. Reviewed by M. Kovalenko and others. Moloch. prom. 17 no. 5:40 '56.

Some data on the fulfillment of the semiannual plan. Moloch. prom. 17 no. 5:4 '56.

DAIRY INDUSTRY—BIBLIOGRAPHY see Bibliography—Dairy industry

DAIRY INDUSTRY—EQUIPMENT AND SUPPLIES

Equipment permitting the reduction of production space. N. Luk'ianov. Moloch. prom. 17 no. 5:6-7 '56.

Equipping plants of the Chernovtsy Trust. P. Agafonov. Moloch. prom. 17 no. 5:19 '56.

Mechanization of separator sections. A. Shaikevich. Moloch. prom. 17 no. 5:15-19 '56.

Use of ultrasounds for homogenization and emulsification. N. Baranovskii. Moloch. prom. 17 no. 5:44-46 '56.

DAIRY INDUSTRY—EXHIBITIONS

In the "Milk Plant pavilion." B. Sergeev. Moloch. prom. 17 no. 5:24-25 '56.

DAIRY INDUSTRY—FINANCE see subdivision under Rostov Province

DAIRY INDUSTRY—STUDY AND TEACHING

More about the work of the courses. N. Fedorov. Moloch. prom. 17 no. 5:46 '56.

DAIRYING
(see also subdivision under Sokol' District; Sumy Province; Voronezh Province)

[Dairy farm.] Molochnaia ferma nos. 8-10 S-O '56.

Dik, M.I. [For high milk production] Za vysokie nadoi moloka. Alma-Ata, Kazakhskoe gos. izd-vo, 1955, 15 p. (DA)

First successes. I. Z. Reznikov. Mosk. kolkh. 5 no. 7:32 Jl '56.

In the struggle for a high milk yield. A. Grishin. Mosk. prop. 13 no. 5:57-59 My '56.

Khvostova, K.V. [For high milk production] Za vysokie nadoi moloka. [Kuibyshev] Kuibyshevskoe kn-vo, 1955, 20 p. (Peredovoi opyt v sel'skom khoziaistvo) (DA)

Potentialities for increasing the productivity of labor in dairy farming. M. Rabinovich. Sel'khoz. Kirg. no. 4: 56-60 Ap '56.

Seventeen workers instead of twenty-five. D. P. Variagov. Nauka i pered. op. v sel'khoz. no. 6:63-65 Je '56.

Toward new successes. comrade stockbreeders. Blok. agit. no. 29:33-35 O '56.

Use pastures correctly, increase milk yields. T. G. Demina. Mosk. kolkh. 5 no. 7:33 Jl '56.

We strive for higher annual milk yields. M. P. Krivorot. Sel'khoz. Povol. no. 6:50-51 Je '56.

DAL', MIKHAIL KONSTANTINOVICH

The great-grandson of Vladimir Dal'. A. Palei. Smena 33 no. 14:24 Jl '56.

DAL', VLADIMIR IVANOVICH, 1801-1872

Take pity on the students! I. N. Novyi mir 32 no. 7: 282-283 Jl '56.

DAMPNESS IN BUILDINGS

Eliminating dampness in walls. I. Markov. Sel'. stroi 11 no. 6:29 Je '56.

DAMS
(see also subdivision under Missouri River; Syr Darya)

Calculating filtration in a three-layer medium. V. M. Shestakov. Gidr. stroi. 25 no. 4:52-54 My '56.

Drainage design using the wash method. B. A. Volnin. Gidr. stroi. 25 no. 5:15-17 Je '56.

Fitting the river channel dam of the Kuybyshev Hydroelectric Power Station. A. I. Ogurtsov. Gidr. stroi. 25 no. 6:5-8 Jl '56.

Filtration through a dam having a drainage bank on permeable and impermeable foundations. F. B. Nel'son-Skorniakov. Gidr. stroi. 25 no. 5:28-30 Je '56.

Evaluating the conditions for river damming and fill materials. S. V. Izbash, Kh. IU. Khaldre. Gidr. stroi. 25 no. 5:6-10 Je '56.

Experience with building the dam of the Irkutsk Hydroelectric Power Station. S. N. Moiseev. Gidr. stroi. 25 no. 5:1-6 Je '56.

Hydraulic calculation of the process of damming rivers by rock fill in the stream. B. T. Emtsev. Gidr. stroi. 25 no. 5:10-15 Je '56.

Sand-gravel dams. IA. P. Mirzaev. Gidr. stroi. 25 no. 6:13-14 Jl '56.

DANCERS

Stars of the Russian ballet. Sov. Soiuz no. 8:20-31 Ag '56.

DANCING—FOLK AND NATIONAL DANCES
(see also subdivision under Spain)

Folk dances of various nations. V. Okuneva, V. Svetinskaia. Vozhatyi 32 no. 7:32 Jl '56.

DANCING—PERIODICALS see subdivision under United

...IDR IAKOVLEVICH, 1839-1923

...Danilevskii and his role in the ...nporary biochemistry. L. I. Zhu... m. zhur. 22 no. 2:224-228 '56.

...-1321

...er and translator of Dante's lyric ...ove'kyi. Dop. ta pov. L'viv. un.

...tudrevatykh. Ogonek 34 no. 30:4-

...ics of the garland flower Daphne ...ianov. Priroda 45 no. 7:114-

...und ponds in fish hatcheries. ...V. Soldatova. Ryb. khoz. 32

...AND MINING

...e Darasun Mining Administration. ...zhur. no. 7:63 Jl '56.

...CTION

...L. Khvat. Ogonek 25 no. 48:

...1910

DAVYDOVA, SOFIIA OSIPOVNA

Glorious anniversary. Sov. muz. 20 no. 7:106 Jl '56.

DAWSON, GEOFFREY, 1874-1944

"The Times" in English political life ("Geoffrey Dawson and our times" [in English]. John Evelyn Wrench. Reviewed by S. Madzoevskii). Mezhdunar. zhizn' no. 6: 147-151 Je '56.

DAY NURSERIES
(see also subdivision under Kakhovka District; Komorova; White Russia)

Recording expenditures for the maintenance of day nurseries. P. Orlov. Kolkh. proizv. 16 no. 7:30 Jl '56.

DEAD NETTLES

Dead nettle. Pchelovodstvo 33 no. 8:54 Ag '56.

DEAF

Admitted to the ranks of labor. P. Sutiagin. Sots. obesp. 17 no. 3:36-38 Mr '56.

DEAF—EDUCATION

Isaenko, L.A., N.F. Slezina, and I.P. Akimenko. [Practical work for pupils in schools for the deaf and dumb] Prakticheskie raboty uchashchikhsia shkoly glukhonemykh. Pod red. S.A. Zykova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 168 p.

Kuz'mina, N.I., and L.P. Ushakova. [A collection of articles for exposition in schools for the deaf and dumb; teachers' manual] Sbornik statei dlia izlozhenila v shkole glukhonemykh; posobie dlia uchitelei. Izd. 2-oe, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 151 p.

DEAFNESS

Problem of preventing hearing disorders and deafness. H. Lovenfish. Vest. oto-rin. 18 no. 4:11-19 Jl-Ag '56.

DEATH

Resuscitation of the organism following clinical death in dogs with a denervated carotid sinus. V. Serafimov, I. Popdimitrov. Biul. eksp. biol. med. 41 no. 6:16-19 Je '56.

DEBTS, PUBLIC

Consolidate the success of the loan subscription. Fin. SSSR 17 no. 6:9-13 Je '56.

DECANE

Consecutive stages of formation of n-decane oxidation products (with English summary in insert). L. S. Vartanian, Z. K. Maizus, N. M. Emanuel'. Zhur. fiz. khim. 30 no. 4:862-870 Ap '56.

Kinetic characteristics of hydroperoxides as intermediate products of the n-decane oxidation reaction. (with English summary in insert). L. S. Vartanian, Z. K. Maizus, N. M. Emanuel'. Zhur. fiz. khim. 30 no. 4:855-861 Ap '56.

DECEMBRISTS

"Decembrists"; new materials. Reviewed by I. A. Mironova. Ist. arkh. no. 3:229-231 My-Je '56.

Schools formed by the Decembrists in Yalutorovsk. P. Voitik. Nar. obr. no. 7:54-56 Jl '56.

DECLARATORY JUDGMENTS see Judgments, Declaratory

DECORATION AND ORNAMENT see subdivision under White Russia

DECORATION AND ORNAMENT, ARCHITECTURAL see subdivision under Volga Valley

DECORATIVE LIGHTING see Lighting, Architectural and decorative

DEEP BORINGS see Borings

DEEP DRAWING (METALWORK)

Study of deep drawing processes. V. I. Zalesskii, M. S. TSibanova. Sbor. Inst. stali no. 31:140-170 '53.

DEEP-SEA SOUNDING

Prospects for studying the depth of unconsolidated marine deposits by seismo-acoustic methods. N. N. Sysoev and others. Biul. Sov. po seism. no. 2:52-58 '56.

DEER

Summer pasturing of Japanese deer outside fenced deeryards. V. S. Galkin. Kar. i zver. 9 no. 3:39-43 My-Je '56.

Vaccination of Japanese deer against pasteurellosis. A. M. Oslopovskikh. Kar. i zver. 9 no. 4:51-52 Jl-Ag '56.

DEFENSES see subdivision under Near East

DEFENSES (NATIONAL, ETC.) see subdivision 'Defenses' under Africa; Germany, West; Latin America; United States

DEFICIENCY DISEASES IN PLANTS

Magnesium deficiency in plants. K. P. Magnitskii. Mosk. kolkh. 5 no. 7:19 Jl '56.

DEFORMATIONS (MECHANICS)

Beam of great curvature on an elastic basis. D. V. Vainberg. Dop. AN URSR no. 2:134-39 '48.

Changes in the thermoelectromotive force of metals subjected to plastic deformation. N. F. Kunin. Fiz. met. i metalloved. 2 no. 2:237-243 '56.

DEFORMATIONS (MECHANICS) (Continued)
Correlation between coefficients of friction depending on the direction of displacement in shaping. I. M. Pavlov, V. G. D'iakov. Sbor. Inst. stali no. 31:221-241 '53.

Correlations between various characteristics of final elastoplastic deformations. G. P. Zaitsev. Fiz. met. i metalloved. 2 no. 2:351-356 '56.

Deformation of plastic materials during torsion tests. L. H. Afendyk. Dop. AN URSR no. 2:3-11 '40.

Effect of the shape of specimen cross sections on the magnitude of axial deforming strains due to compression. V. E. Panin. Fiz. met. i metalloved. 2 no. 2: 357-360 '56.

On plastic deformation and hardening in alternate-direction deformation. F. P. Rybalko. Fiz. met. i metalloved. 2 no. 2:376-377 '56.

Resistance to deformation in hot rolling of thin steel strips. V. P. Severdenko, I.G.Astakhov. Sbor.inst.stali no. 31:212 '53.

X-ray analysis of phenomena accompanying the protracted stretching of steel at elevated temperatures. M. IA. Fuks, N. V. Slonovskii, L. I. Lupinov. Fiz. met. i metalloved. 2 no. 2:328-338 '56.

DEHYDROGENATION
The dehydrogenizing activity of Cl. welchii. M. K. Karpenko. Mikrobiol. zhur. 13 no. 2:62-79 '51.

DELHI—GEOLOGY—EXHIBITIONS
Geological sections of exhibits in Geneva and Delhi. G. S. Gritsenko. Zap. Vses. min. ob-va 85 no. 2:265-269 '56.

DELINQUENCY, JUVENILE see Juvenile delinquency

DELIVERY OF GOODS (LAW)
Strengthen contract discipline. T. Gordon. Den. i kred. 14 no. 7:37-39 Jl '56.

DELPHINIUM
Experience in using elatin in mental clinics. M. P. Serkova. Farm. i toks. 19 no. 3:48-51 My-Je '56.

Pharacology of alkaloids of Dephinium elatum (elatin and eldelin). P. M. Dozortseva. Farm. i toks. 19 no. 3:42-46 My-Je '56.

DEMENT'EV, NIKOLAI
("The first letter" and "Sisters." Nikolai Dement'ev, Reviewed by A. Minchkovskii). Zvezda no. 7:179-180 Jl '56.

DENISENKO, VASILII
The navy is proud of such men. Sov. mor. 16 no. 6:14 Ap '56.

DENMARK—COMMERCE—RUSSIA
Soviet-Danish trade relations [with summary in English, p. 31]. V. Mikhailov. Vnesh. torg. 26 no. 7:1-2 Jl '56.

DENMARK—DESCRIPTION AND TRAVEL
What we saw in Denmark. D. Enipenko. Mol. kolkh. 23 no. 7:20 Jl '56.

DENMARK—TANK—VESSELS
Tankers "Apsheron" and "Tuapse." A. D. Aleshkin. Sudostroenie 22 no. 5:8-13 My '56.

DENTAL INSTRUMENTS AND APPARATUS
A device for melting and removing waxes from cuvettes. G. M. Ivashchenko. Stomatologiia 35 no. 3:59 My-Je '56.

DENTAL MATERIALS
Cleaning off hardened cement. IA. P. Vovchenko. Stomatologiia 35 no. 3:59 My-Je '56.

DENTAL PROSTHESIS
Clinical aspects and treatment of inflammatory symptoms of the oral mucosa due to the utilization of removable plastic prosthesis. A. V. Vysotskaia. Stomatologiia 35 no. 3:46-50 My-Je '56.

Simplified method for improving the surface of plastic dental prosthesis. P. E. Anisimov. Stomatologiia 35 no. 3:58 My-Je '56.

Use of magnets for better setting of dental prosthesis on toothless jaws. A. I. Doinikov. Stomatologiia 35 no. 3:50-52 My-Je '56.

DEPOSITION AND SEDIMENTATION see Sedimentation and deposition

DERMATOLOGY
(see also subdivision under Ukraine)
Determination of tasks in the scientific solution of problems in the field of dermatology and venereology. Vest. ven. i derm. no. 3:3-8 My-Je '56.

"Problems in dermatology." Reviewed by A. N. Fedorovskii. Vest. ven. i derm. no. 3:59 My-Je '56.

DERMATOMYCOSIS
Fungous intertrigo in a child following external application of synthomycin. A. M. Arievich, L. I. Kukoleva. Pediatriia 39 no. 3:53-54 My-Je '56.

Treatment and prevention of superficial dermatomycoses in the Sochi-Matsesta health resort. G. K. Andriasian. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:39-43 Ja-Mr '56.

DERMATOPHYTES see subdivision under Crimea

DESERT FLORA see subdivision under Soviet Central Asia

DESNA VALLEY—SNOW
Snow cover and thaw in the central forested part of the Desna River Basin. A. D. Magomedov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:76-80 '54.

DESOXYRIBONUCLEIC ACID
Change in the structural viscosity of nucleic acids of the brain and spleen under the effect of ionizing radiation. A.M.Kuzin, E.V.Budilova. Trudy Inst. biol. fiz. no. 1: 79-83 '55.

Viscosimetric determination of the molecular weight of desoxyribonucleic acid. D. M. Spitkovskii. Biofizika 1 no. 4:319-327 '56.

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DETROIT—CALCULATING MACHINES
First conference on training personnel as calculating-machine operators. N. A. Arkhangel'skii. Usp. mat. nauk 11 no. 3:227-230 My-Je '56.

DEUTERIUM
Deuterium atom reactions with alkenes. Relation of methane deuteration to the concentration of deuterium atoms in the system. R. E. Mardaleishvili and others. Izv. AN SSSR, Otd. khim. nauk no. 5:516-524 My '56.

DEUTERIUM BROMIDE
Method for the study of hydrogen exchange in liquid deuterium bromide (with English summary in insert). V. R. Kalinichenko, IA. M. Varshavskii, A. I. Shatenshtein. Zhur. fiz. khim. 30 no. 5:1140-1143 My '56.

DEUTERIUM OXIDE
Heavy water. Z. Tkachek. Tekh. mol. 24 no. 8:30-32 Ag '56.

What is "heavy water." G. IA. Minkishev. Nauka i zhizn' 23 no. 6:63 Je '56.

DEUTERONS—DECAY
Neutrino-induced disintegration of deuterons. A. B. Govorkov. Zhur. eksp. i teor. fiz. 30 no. 5:974-975 My '56.

DEUTERONS—SPECTRA
Pulse spectrum of deuterons in a vertical flow of cosmic radiation. M. T. Aivazian. Izv. AN Arm. SSR, Ser. FMET nauk 9 no. 3:91-101 '56.

DEVELOPMENT see Growth

DEVICES
Coats-of-arms of Russian cities during the 18th century as sources for the history of technology. A. A. Uranosov Trudy Inst. ist. est. i tekh. 7:225-232 '56.

DEXTRAN
Splitting of 1:6 bonds of dextran by animal tissue [with English summary in insert]. E. L. Rozenfel'd, I. S. Lukomskaia. Biokhimiia 21 no. 3:412-415 My-Je '56.

DIABETES
Absolute hemianopsia and hemiparesis in an 11-year old boy suffering from diabetes. F. R. Gol'dberg. Pediatriia 39 no. 3:47-48 My-Je '56.

Alloxan anemia. V. I. Teterina. Biul. eksp. biol. med. 41 no. 6:27-30 Je '56.

Effect of exercise therapy on patients with diabetes mellitus. B. G. Bazhanov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:57-59 Ap-Je '56.

Inhibition of the phosphorylation of glucose in the alloxan diabetes [with English summary in insert] A. N. Petrova, R. M. Bekina. Biokhimiia 21 no. 3:368-373 My-Je '56.

DIAGNOSIS
Diagnostic significance of some functional tests. K. M. Smirnov. Voen.-med. zhur. no. 6:45-51 Je '51.

DIAGNOSIS, FLUOROSCOPIC
Diagnostic advantages of fluorography over roentgenoscopy. G. N. Treister. Voen.-med. zhur. no. 3:85 Mr '56.

DIAGNOSIS, RADIOSCOPIC
Diagnostic advantages of fluorography over roentgenoscopy. G. N. Treister. Voen.-med. zhur. no. 3:85 Mr '56.

X-ray detection of foreign bodies within the eye according to Professor M. M. Balin's method (face upward). L. IA. Itsikson. Oft. zhur. 11 no. 1:8-11 '56.

DIALECTICAL MATERIALISM
Aspects of modern natural science in teaching dialectical materialism. I. B. Novik. Vest. vys. shkoly 14 no. 8:16-21 Ag '56.

Immortal work; on the 40th anniversary of the publication of "Materialism and empirio-criticism." O. M. Omel'ianova'kyi. Visnyk AN URSR 21 no. 1:15-23 Ja '49.

Some aspects of the theory of base and superstructure. M. Kammari. Kommunist 33 no. 10:42-58 Jl '56.

DIALYSIS
Electrochemistry of high polymer dispersions. 1. The influence of dialysis on the properties of synthetic latexes. (with English summary in insert). P. M. Panich, S. S. Voiutskii. Koll. zhur. 18 no. 3:326-331 My-Je '56.

DIAMOND MINES AND MINING see subdivision under Yakutia

DIAMONDS
Discussion on the characteristics of round diamonds. O. M. Ansheles. Zap. Vses. min. ob-va 85 no. 2:250-252 '56.

First results of the discussion on the nature of rounded forms of diamonds. O. M. Ansheles. Min. sbor. no. 9:346-356 '55.

Origin of inversely parallel triangular pits on faces of diamonds. M. A. Gnevushev. Min. sbor. no. 9:25-30 '55.

Some features of Mesozoic volcanic activity in Northern Kazakhstan with reference to its possible diamond capacity. P. G. Koreisho. Vest. AN Kazakh. SSR 12 no. 7: 26-33 Jl '56.

Synthesis of diamonds. A. V. Nemilova. Zap. Vses. min. ob-va 85 no. 2:202-204 '56.

DIAPHRAGM
Interoceptive influences from the large intestines and bladder on the function of the diaphragm. V. A. IEronkov. Fiziol. zhur. [Ukr.] 1 no. 2:93-98 Mr-Ap '55.

DIAPHRAGM-HERNIA
Cases of diaphragmatic hernia. I. V. Shmelev, IU. S. Gilevich. Sov. med. 20 no. 6:73-74 Je '56.

Confinement of the liver dome in diaphragmal hernia. P. S. Mironov. Khirurgiia no. 5:74 My '56.

DIARRHEA
How to prevent summer diarrhea in children. T. Sokolova. Krest'ianka 35 no. 7:30 Jl '56.

DIASTASE
Summary of E. M. Kozhukhar's article on the "Activity of amylase in athletes before the start of sports events." Teor. i prak. fiz. kul't. 19 no. 7:547 Jl '56.

DIATHERMY
Effect of ultrahigh-frequency therapy on the functional state of the nervous system in hypertension. L. I. Fisher. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2: 35-41 Ap-Je '56.

Therapy of acute local suppurative and inflammatory diseases of the skin and the cellular tissue by an ultrahigh frequency electric field and penicillin. I. G. Shemetilo. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:65 Ja-Mr '56.

DIATHESIS
Exudative diathesis. S. G. Zvelginiaeva. Zdorov'e 2 no. 8:18-19 Ag '56.

Pathogenic therapy in exudative diathesis. M. N. Nebytova-Luk'ianchikova, N. A. Pushinkova. Vop. okh. mat. i det. 1 no. 3:46-53 My-Je '56.

DIB, MOHAMMED
Algerian stories ("In the café," [in French]. Mohammed Dib. Reviewed by E. Gal'perina). Inostr. lit. no. 7: 254-255 Jl '56.

DICAINE
Quantitative determination of sovcaine and dicaine in aqueous solutions by measuring the surface tension. M. A. Etinger. Ukr. khim. zhur. 17 no. 5:777-780 '51.

DICTAMINE
Pharmacology of the preparations of Dictamnus Turcestanicus Wint. growing in Kazakhstan. F. D. Dzhumagalieva. Trudy inst. fiziol. AN Kazakh. SSR 1:23-41 '56.

Producing keratitis and conjunctivitis in dogs by introducing preparations of Dictamnus Turcestanicus Wint. growing in Kazakhstan. I. I. Sivertsev, F. D. Dzhumagalieva. Trudy Inst. fiziol. AN Kazakh. SSR 1:13-22 '56.

DICTIONARIES see Encyclopedias and dictionaries

DICTIONARY CATALOGS see Catalogs, Dictionary

DIE CASTING
Crystallization of liquid steel under pressure. P. N. Bidulia, I. I. Bobrov, K. N. Smirnova. Lit. proizv. no. 7:1-4 Jl '56.

Wall thickness precision in making hollow parts by die casting. E. G. Koposevich. Lit. proizv. no. 7:26-30 Jl '56.

DIELECTRICS
Dielectric properties of aluminum bromide solutions in certain organic substances. I.A.Sheka. Zhur. ob. khim. 26 no. 5:1340-1350 My '56.

Electrets. B. Riabkin. Nauka i zhizn' 23 no. 7:56 Jl '56.

High dielectric permeability of niobates and tantalates of divalent metals. G. A. Smolenskii, V. A. Isupov, A. I. Agranovskaia. Dokl. AN SSSR 108 no. 2:232-235 My '56.

DIELECTRICS (Continued)

Investigation of the dielectric properties of sleet and hoarfrost. G. N. Shimko. Elektrosviaz' 10 no. 7: 60-71 Jl '56.

Investigating the magnetization of structures simulating magnetodielectric materials. M. N. Grigor'ev, I. M. Kirko. Zhur. tekh. fiz. 26 no. 7:1501-1508 Jl '56.

Temperature and frequency dependence of the dielectric constant and loss angle of some solid dielectrics at a 3 cm. wave length. G. I. Skanavi, G. A. Lipaeva. Zhur. eksp. i teor. fiz. 30 no. 5:824-832 My '56.

Temperature dependence of thermion polarization. L. N. Syrkin. Zhur. tekh. fiz. 26 no. 6:1163-1165 Je '56.

Thermoelasticity of organosilicon dielectrics. K. A. Andrianov, N. N. Sokolov. Elektrichestvo no. 6:31-34 Je '56.

DIES (METALWORKING)

Adjustable inset dies in blanking machines. A. K. Bogorodskii. Stan. i instr. 27 no. 8:39 Ag '56.

Combined blanking dies with side cutters. A. K. Bogorodskii. Stan. i instr. 27 no. 8:38-39 Ag '56.

Die for spokez heading. N. V. Gladkov. Stan. i instr. 27 no. 8:40 Ag '56.

Shaposhnikov, D. E. [Dies for crank forging and stamping presses; the experience of the Moscow light automobile plant] Shtampy krivoshipnykh kovochno-shtampovochnykh pressov; opyt Moskovskogo zavoda malolitazhnykh avtomobilei. Pod red. O. I. Zalesskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 122 p.

DIESEL ENGINES

Design of a diesel-electric plant for a tugboat. I. A. Zaitsev. Sudostroenie 22 no. 4:11-16 Ap '56.

Diesel stopping device for cases of oil pressure drop in the main distributor. I. Shumilo, G. Kheifman. Mor. flot 16 no. 6:28-29 Je '56.

Effect of the rarefaction of exhaust gases on the performance of self-ignition engines. I. I. Dolitskii. Sbor. nauch. rab. LIMSKH 9:156-169 '53.

IAkobi, M. A., and V. K. Kravchenko. [Fuel feed and lubrication systems of diesel tractor engines] Sistemy pitaniia i smazki traktornykh dizelei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 173 p.

Manevskii, E. S., V. S. Muzylev, and N. D. Mushtakov. [Experience in operating diesel electric railroad power stations] Opyt obsluzhivaniia dizel'nykh zheleznodorozhnykh elektrostantsii. Pod obshchei red. S. A. Kolosova. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 82 p.

Operation of PK-30 engines. Energetik 4 no. 7:39 Jl '56.

Role of flame propagation in the combustion process of a diesel engine (with English summary in insert). V. IA. Basevich, A. S. Sokolik. Zhur. fiz. khim. 30 no. 4:729-734 Ap '56.

DIESEL ENGINES—MAINTENANCE AND REPAIR

Operation of marine diesel main engines having all-speed governors. A. Mirlushchenko, A. Kozminykh. Mor. flot 16 no. 6:16-19 Je '56.

DIESEL ENGINES—REPAIRING

Repairing the 88 h.p. engine. S. Dykhne. Muk.-elev. prom. 22 no. 5:27 My '56.

DIESEL LOCOMOTIVES

(see also subdivision under Great Britain)

Diesel locomotive goes to the east. Vasilii Titov, Ogonek 34 no. 30:6-7 Jl '56.

Prolonging the service of wheel rims for the TE1 and TE2 diesel locomotives. E. G. Stetsenko. Tekh. zhel. dor. 15 no. 4:25-26 Je '56.

DIESEL LOCOMOTIVES—TRANSMISSION DEVICES

Characteristics of electric transmission in the TE3 diesel locomotive. K. I. Rudaia. Tekh. zhel. dor. 15 no. 4:14-16 Je '56.

DIET

Some problems in establishing a regimen in nurseries for children with chronic dysentery. S. E. Leviniova. Vop. okh. mat. i det. 1 no. 2:74-76 Mr-Ap '56.

DIET IN DISEASE

"Diet for patients with tuberculosis undergoing sanitary and climatological therapy." E. G. Kesel'brener, V. K. Dargevich. Reviewed by S. M. Bremener. Vop. pit. 15 no. 4:58-60 Jl-Ag '56.

"Dietetic restaurant; restaurant for therapeutic nutrition." M. S. Marshak. Reviewed by B. D. Vladimirov, V. I. Kurko. Vop. pit. 15 no. 4:56-58 Jl-Ag '56.

Therapeutic nutrition in atherosclerosis. B. V. Il'inskii, M. P. Semenova. Sov. med. 20 no. 6:15-22 Je '56.

DIFFERENTIAL CALCULUS see Calculus, Differential

DIFFERENTIAL EQUATIONS

Asymptotic behavior of the solutions of nonlinear systems close to linear ones. D. M. Grobman. Dokl. AN SSSR 108 no. 4:571-574 Je '56.

Cauchy problem for nonlinear differential equations of the first order with discontinuous initial conditions. O. A. Oleinik. Trudy Mosk. mat. ob-va 5:433-454 '56.

Certain methods of qualitative study "in the large" of multivariate autonomous systems. V. V. Nemytskii. Trudy Mosk. mat. ob-va 5:455-492 '56.

Egorova, I. A. [Mathematical analysis: differential equations; a manual for students in pedagogical institutes] Matematicheskii analiz: Differentsial'nye uravneniia; uchebnoe posobie dlia studentov pedagogicheskikh institutov. Leningrad, Leningradskii gos. pedagog. institut im. A. I. Gertsena, 1956. 109 p.

Eigenfunction expansion of partial difference equations of the second order. IU. M. Berezanskii. Trudy Mosk. mat. ob-va 5:203-268 '56.

Integration of generalized Riccati equations. N. V. Sakharov. [Trudy] MVTU no. 50:367-381 '56.

Integration of the differential equation of a bent axis of a compound girder with an transverse load. L. I. Kormakov. Dop. AN URSR no. 6:439-444 '54.

On a theorem in the theory of differential equations and statistics said to be invariant in the mean. A. A. Zinger, IU. V. Linnik. Dokl. AN SSSR 108 no. 4:577-579 Je '56.

One problem in differential algebra resulting from mathematical statistics. IU. V. Linnik. Usp. mat. nauk 11 no. 3:169-170 My-Je '56.

Solution of the Cauchy problem for the equation $\Delta u - \gamma(x_1, x_2, \ldots, x_n) \frac{\partial^2 u}{\partial t^2} = 0$ by the method of S. L. Sobolev. B. M. Levitan. Izv. AN SSSR. Ser. mat. 20 no. 3:337-376 My-Je '56.

Solving type $x^{(n)}(t) = f(t)$ equations in some particular cases. A. N. Obmorshev. [Trudy] MVTU no. 50:97-101 '56.

Works of V. P. Ermakov on the theory of differential equations. K. IA. Latysheva. Ist.-mat. issl. no. 9: 691-722 '56.

DIFFERENTIAL EQUATIONS, LINEAR

Asymptotic reduction of integrals of linear ordinary differential equations containing a parameter. S. F. Feshchenko. Dop. AN URSR no. 1:11-16 '49.

Conditions for the regularity of a singular point of a differential equation. K. IA. Latysheva. Dop. AN URSR no. 4:51-54 '49.

Erugin, N. P. [The Lappo-Danilevskii method in the theory of linear differential equations] Metod Lappo-Danilevskogo v teorii lineinykh differentsial'nykh uravnenii. [Leningrad] Izd-vo Leningradskogo univ., 1956. 108 p.

First inquiries of J. D'Alembert and L. Euler into the theory of linear systems of differential equations with constant coefficients. N. I. Simonov. Ist.-mat. issl. no. 9:789-803 '56.

Solution of linear differential equations of the $n$-th order with variable coefficients. I. Shtokalo. Zbir. prats' Inst. mat. AN URSR no. 9:140-161 '46.

Theory of the generalized symbolic image for solutions of linear differential equations with quasi-periodic coefficients. I. Z. Shtokalo. Zbir. prats' Inst. mat. AN URSR no. 11:43-59 '46.

DIFFERENTIAL EQUATIONS, PARTIAL

Behavior of solutions for the equation of thermal conductivity in the neighborhood of an isolated singular point. S. D. Eidel'man. Usp. mat. nauk 11 no. 3:207-210 My-Je '56.

Eigenfunction expansion of a self-adjoint partial differential equation. B. M. Levitan. Trudy Mosk. mat. ob-va 5:269-298 '56.

Mappings accomplished by solutions of the Carleman system. B. V. Shabat. Usp. mat. nauk 11 no. 3:203-206 My-Je '56.

New method of partial derivative computations from roots of secular equations on parameters. I. F. Kovalev, L. S. Malants. Dokl. AN SSSR 108 no. 2:175-178 My '56.

Theorem of the Fragmen-Lindelöf type for a system of linear partial differential equations. G. E. Shilov. Trudy Mosk. mat. ob-va 5:353-366 '56.

DIFFUSERS

Compressible gas flow without separation in a diffuser at subsonic velocities. I. L. Rozova'kyi, A. M. Levin. Dop. AN URSR no. 4:50-55 '48.

Hydrodynamic method of calculating convergent and divergent passages. V. G. Sanoian. Izv. AN Arm. SSR, Ser. FMET nauk 9 no. 3:63-69 '56.

DIFFUSION

Characteristic of surface zones formed during the diffusion of chromium in iron. G. N. Dubinin. Zhur. tekh. fiz. 26 no. 6:1345-1350 Je '56.

Concerning S. D. Gertsriken's letter on the "Mechanism of diffusion." V. I. Arkharov. Fiz. met. i metalloved. 2 no. 2:379 '56.

Determining the activation energy of diffusion processes. M. A. Krishtal. Fiz. met. i metalloved. 2 no. 2:303-306 '56.

Diffusion of the polystyrene fraction in carbon tetrachloride. K. G. Kiseleva, I. A. Klzub. Vest. Len. un. 11 no. 10:6-11 '56.

Intercrystalline and volumetric diffusion of manganese in iron. D. S. Kazarnovskii. Izv. AN SSSR. Otd. tekh. nauk no. 7:94-102 Jl '56.

Investigating boron and carbon diffusion in some metals of the transition group. G. V. Samsonov, V. P. Latysheva. Fiz. met. i metalloved. 2 no. 2:309-319 '56.

Mechanism of diffusion in solid solutions of substitution. S. M. Herteriken, I. I. Dekhtiar. Dop. AN URSR no. 5:53-56 '49.

On the mechanism of diffusion. S. D. Gertsriken. Fiz. met. i metalloved. 2 no. 2:378-379 '56.

Self-diffusion in metals. S. M. Hertsriken, I. I. Dekhtiar. Dop. AN URSR no. 5:57-67 '49.

DIFFUSION—STUDY AND TEACHING

Experiments on diffusion. V. S. Polosin. Khim. v shkole 11 no. 4:49-51 Jl '56.

DIFFUSIVITY, THERMAL see Thermal diffusivity

DIGESTERS (CHEMICAL ENGINEERING) see Autoclaves

DIGESTIVE ORGANS

Effect of ionizing radiation on the function of digestive organs. IU. N. Uspenskii. Med. rad. 1 no. 1:58-66 Ja-F '56.

Gastrointestinal absorption of certain antibiotics into the blood in radiation sickness. A. P. Duplishcheva. Med. rad. 1 no. 2:46-51 Mr-Ap '56.

DIGESTIVE ORGANS—DISEASES

Effect of radioactive phosphorus on the general condition and motor function of the gastrointestinal tract in dogs. N. A. Zhoha. Fiziol. zhur. [Ukr.] 1 no. 3:102-108 My-Je '55.

Etiology and pathogenesis of gastroenteric colics in horses. R. S. Chebotar'ov. Trudy Inst. zool. AN URSR 9:10-26 '52.

Results of prophylaxis of intestinal diseases in workers employed in constructing the Stalingrad Hydroelectric Power Station. A. N. Murlov, M. A. Kirkorova. Sov. zdrav. 15 no. 4:44-45 Jl-Ag '56.

Role of colds in the etiology of digestive disturbances in children. M. S. Dats-Epshtein. Pediatriia 39 no. 3:65 My-Je '56.

Vitamin $B_{12}$ in the treatment of acute and chronic digestive disturbances. A. Kh. Khamidulina. Pediatriia 39 no. 3:90-91 My-Je '56.

DIGESTIVE ORGANS—INNERVATION

Data on the effect of stimulation of interoceptors of the gastrointestinal system on unconditioned defense reflexes. Report no. 1: Relation of effects from interoceptors to the nature of the stimulus. Biul. eksp. biol. med. 42 no. 7:13-18 Jl '56.

Reflex effect from oral and abdominal cavities on the blood pressure level in dogs. K. V. Myronchyk. Fiziol. zhur. [Ukr.] 1 no. 1:57-62 Ja-F '55.

DIGESTIVE ORGANS—TUBERCULOSIS

Surgery in tuberculosis of the gastrointestinal system. M. O. Makhachev. Khirurgiia no. 5:70-73 My '56.

DIISOBUTYLENE

Depolymerizing action of the Volsk kieselguhr. N. N. Griazev, N. I. Kuvshinova, L. A. Tarkhanova. Zhur. prikl. khim. 29 no. 6:841-847 Je '56.

DIKES (GEOLOGY) see subdivision under Bugakar Valley

DIKOVSKII, SERGEI VLADIMIROVICH, 1907-1940

Bard of courage and deed. A. Makarov. Znamia 26 no. 7:169-173 Jl '56.

DIMENSIONAL ANALYSIS

Application of the theory of similitudes to geological modeling. B. L. Shneerson. Trudy Inst. teor. geofiz. 3:94-100 '47.

DIMOV, DMITUR

Chronicle of a people's struggle ("Tobacco," Dmitur Dimov. Reviewed by G. Grachev). Oktiabr' 33 no. 6:179-182 Je '56.

DINOSAURIA

Unusual find. P. Ilidin. Smena 33 no. 12:24 Je '56.

DIONINE

Significance of the dionine test as an index of vegetative asymmetry in organic lesions of the nervous system. I. A. Soustina. Zhur. nevr. i psikh. 56 no. 7:552-554 '56.

DIONYSIUS AREOPAGITA

The identity of the pseudo-Dionysius Areopagita. S. I. Danelia. Viz. vrem. 8:377-384 '56.

DIORAMA

Easy way of making a scenic diorama. A. V. Kotel'nikov. Voen.-med. zhur. no. 9:75-76 S '51.

Visual aids in planning the process of study. L. V. Kitlorenko. Voen.-med. zhur. no. 9:78-79 S '51.

DIOXANE

Physicochemical study of systems containing dioxane. Part 10. Certain physicochemical properties of dioxane solutions of pyrosulfuric acid. IA. F. Mozhennyi. Zhur. ob. khim. 26 no. 5:1371-1375 My '56.

Research in the field of cyclic acetals. Part 1. Condensation of styrene and of its homologs with aldehydes in presence of hydrochloric acid and reactions of 4-phenyl-1,3-dioxane with $SOCl_2$, PCl and with fatty acids. N. V. Shorygina. Zhur. ob. khim. 26 no. 5:1460-1465 My '56.

DIPENTENE

Irreversible liquid-phase catalysis of dipentene on Raney nickel. G. L. Dranishnikov. Zhur. ob. khim. 26 no. 5: 1390-1393 My '56.

DIPHTHERIA

The adenosinetriphosphatase activity of the heart muscle in guinea pigs with diphtherial myocarditis. V.IE. Sokolova. Ukr. biokhim. zhur. 28 no. 2:201-206 '56.

Clinical diagnosis and treatment of diphtheria of the eyes in children. V.S. Kazarin. Vop. okh. mat. i det. 1 no. 4:7-13 Jl-Ag '56.

Diphtheria index for 1955. M.E. Sukhareva and others. Vop. okh. mat. i det. 1 no. 4:3-7 Jl-Ag '56.

White blood picture and erythrocyte precipitation reaction in children ill with toxic diphtheria. T.P. Laguno-va. Vop. okh. mat. i det. 1 no. 4:90 Jl-Ag '56.

DIPHTHERIA—DIAGNOSIS

Serological diagnosis of diphtheria. V.A. Khrushcheva, F.M. Teitel'baum, A.A. Markova. Vop. okh. mat. i det. 1 no. 4:13-17 Jl-Ag '56.

DIPHTHERIA—PREVENTIVE INOCCULATION

Effectiveness of intranasal revaccination against diphtheria. N.I. Volovich, R.D. Zlatopol'skaia, IU.V. Romashko. Pediatriia 39 no. 3:85 My-Je '56.

DIPTERA

(see also subdivision under Azerbaijan)

Gutsevich, A.V. [Biting midges; bloodsucking Diptera of the Heleidae family] Mokretsy; krovososushchie dvukrylye semeistva Heleidae. Moskva, Izd-vo Akademii nauk SSSR, 1956, 50 p. (V pomoshch' rabotaiushchim po zoologii v pole i laboratorii, 3)

DIRECT CURRENT MACHINERY see Electric machinery—Direct current

DISABILITY EVALUATION

Adapt your work to the new conditions. A. Tret'iakov. Sots. obesp. 17 no. 7:20-34 Jl '56.

Evaluating pains in the cardiac region in determining working capacity. F. IA. Notkina, M. M. Shenderovich. Sov. med. 20 no. 6:20-26 Je '56.

DISABLED—REHABILITATION, ETC. see subdivision unde Riga

DISABLED VETERANS—DISEASES AND HYGIENE

Ten years of therapeutic and prophylactic services for disabled veterans of World War II by general public health organization. A. M. Dvorkin. Sov. med. 20 no. 5:86-90 My '56.

DISARMAMENT

Are you for or against disarmament? I. Sotnikov. Nov. vrem. 14 no. 20:7-9 Jl '56.

Contrary to facts. O. Bogdanov. Nov. vrem. 14 no. 27: 5-8 Je '56.

Disarmament above all. V zashch. mira no. 60:15-18 My '56.

Disarmament program is solvable under existing conditions. A. Belokon'. Kommunist 33 no. 11:79-93 Jl '56.

Example of peaceableness. N. Sergeeva. Rabotnitsa 34 no. 8:9 Ag '56.

From declarations of the U.S.S.R. government on disarmament problems. Sov. Soiuz no. 6:2 Je '56.

The fifth session of the fourth meeting of the Supreme Soviet of the U.S.S.R. Nov. vrem. 14 no. 30:supplement Jl '56.

Highly original contribution to military science. Nov. vrem. 14 no. 27:16 Je '56.

More about the "open sky." Nov. vrem. 14 no. 30:17 Jl '56.

A most immediate problem. Kommentator. Mezhdunar. zhizn' no. 6:31-39 Ag '56.

N.A. Bulganin's messages. Sov. Soiuz no. 7:4 Jl '56.

Parliaments and disarmament. Nov. vrem. 14 no. 32: 1-2 Ag '56.

Session of the Supreme Soviet of the U.S.S.R. Nov. vrem. 14 no. 30:1-2 Jl '56.

The Soviet Union and the disarmament problem. IA. Viktorov. Mezhdunar. zhizn' no. 6:42-49 Je '56.

A way to solve the problem of disarmament. I. Evgen'ev, P. Fedorov. Mezhdunar. zhizn' no. 7:14-24 Jl '56.

We shall remain friends. M. Podkliuchnikov. Ogonek 34 no. 27:4-5 Jl '56.

DISCOVERIES (IN SCIENCE) see Patents

DISEASES—CAUSES AND THEORIES OF CAUSATION

Methodology of studying the incidence of disease among troops. E. L. Notkin. Voen.-med. zhur. no. 3:38-41 Mr '56.

Reflex theory and diseases. A. V. Napalkov. Nauka i zhizn' 23 no. 6:27-30 Je '56.

DISEASES OF CHILDREN see Children—Diseases; Infants—Diseases

DISINFECTION AND DISINFECTANTS

Enlarged scientific conference on problems of disinfection. B. P. Fedtaev. Voen.-med. zhur. no. 3:90-92 Mr '56.

Organization of disinfection measures in units. M. K. Timofeev. Voen.-med. zhur. no. 4:61-63 Ap '56.

Tasks of scientific research work in the field of disinfection. V. I. Vashkov. Zhur. mikrobiol. epid. i immun. 27 no. 7:91-95 Jl '56.

Use of mounted tank vessels in veterinary medicine. R. A. Nuraev, V. I. Laptev. Veterinariia 33 no. 8: 80-81 Ag '56.

Use of sea water for disinfection. B. L. Shura-Bura. Voen.-med. zhur. no. 3:55-57 Mr '56.

Use of ultraviolet radiation in disinfection. M. M. Danilov. Veterinariia 33 no. 8:47-53 Ag '56.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISPENSING APPARATUS

Recommended inventions and technical improvements. Concrete dispenser with varying volume bunker. Nov. tekh. i pered. op. v stroi. 18 no. 7:29-31 Jl '56.

DISPERSION

Anomalous dispersion of light in solutions of dyes. I.S. Gorban', A.A. Shishlovskii. Dokl. AN SSSR 108 no. 2: 210-213 My '56.

DISPLAY OF MERCHANDISE

Strogov, N.I. [Work practices of specialty stores in foreign countries] Iz opyta raboty zarubezhnykh spetsializirovannykh magazinov. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 56 p.

DISPOSAL OF REFUSE see subdivision 'Refuse and refuse disposal' under Moscow

DISSERTATIONS, ACADEMIC

(see also subdivision under Ukraine)

List of subjects of dissertations in ophthalmology to be defended for the academic degree of Doctor or Candidate of Medical, Biological and Veterinary Sciences in 1954. E.G. Ershkovich. Oft. zhur. 11 no. 1:62-63 '56.

DISSOCIATION

Thermographic determination of the dissociation pressure for certain salts. L.G. Berg, I.S. Rassonskaia, E.V. Buris. Izv. Sekt. fiz.-khim. anal. 27:239-250 '56.

DISTILLATION

Theory of continuous molecular distillation in the case of sufficiently short columns. E. Rukenshtein. Dokl. AN SSSR 108 no. 4:665-667 Je '56.

DISTILLATION, FRACTIONAL

Calculating peak stripper conditions in complex columns. S.A. Bagaturov. Khim. i tekh. topl. no. 6:67-72 Je '56.

Calculating peak stripper conditions in complex columns. Part 2. S.A. Bagaturov. Khim. i tekh. topl. no. 7:68-71 Jl '56.

Synthetic fatty acids and method for calculating the continuous distillation. A. IA. Koldovskii, A. N. Bodan. Khim. i tekh. topl. no. 6:1-8 Je '56.

DISTOMATOSIS

Panova, L.G. [Distomatosis in farm animals] Fastsioliez sel'skokhoziaistvennykh zhivotnykh, Moskva, Gos. izd-vo selkhoz lit-ry, 1955, 32 p. (DA)

DISTRIBUTION (PROBABILITY THEORY)

Applicability limits for statistical methods in the analysis of adsorption phenomena. S.Z. Roginskii, O.M. Todes. Probl. kin. i kat. 7:248-262 '49.

Asymptotic expansions for the distribution of maximum deviations in the Bernoulli scheme. V.S. Korolluk. Dokl. AN SSSR 108 no. 2:183-186 My '56.

Experimental problems in statistics of dispersion for course disperse systems. N.A. Figurovskii. Probl. kin. i kat. 7:9-27 '49.

One characteristic property of the normal law of distribution. B.V. Gnedenko, K.L. Rvachova. Dop. AN URSR no. 3:3-5 '48.

One characteristic property of the normal law of distribution. B.V. Gnedenko, E.L. Rvacheva. Zbir. prats' inst. mat. AN URSR no. 11:36-42 '48.

Statistical method in the theory of adsorption and catalysis. V.I. Levin. Probl. kin. i kat. 7:205-237 '49.

Statistical study of photographic emulsions. K.S. Liatikov. Probl. kin. i kat. 7:174-202 '49.

Statistical theory of the adsorption of mixtures. S.Z. Roginskii, O.M. Todes. Probl. kin. i kat. 7:336-359 '49.

Theory of adsorption on inhomogeneous surfaces. Determination of the distribution law for sections of sorbent surface from heats of sorption using experimental observations of sorption isotherms. O.M. Todes, A.K. Bondareva, G.A. Khachkuruzov. Probl. kin. i kat. 7: 263-296 '49.

DISTRIBUTIVE EDUCATION

They learn how to sell. V. Shumov. Ogonek 34 no. 24: 28 Je '56.

DITCHES

Mechanized turning-over and breaking of furrow slices in small-scale forest improvements. IU.M. Komarov. Sbor. nauch. rab. inst. lesa AN BSSR no. 6:194-200 '55.

DIURETICS AND DIURESIS

Effect of weak mineral waters of "Naftusia" spring no. 2 at the Truskavets resort on diuresis and calcium, chloride and nitrogen excretion. I.A. Budchanov, M.A. Budchenko. Vop. kur. fizioter. i tech. fiz. kul't. 21 no. 2:32-34 Ap-Je '56.

DIVING, SUBMARINE

Submarine world. N. Pavlov. Vokrug sveta. no. 6:17-20 Je '56.

DMITRII, Archbishop, 1881-1956

Archbishop Dimitrii (monastic name: Lazar'); obituary. N. Pongil'skii. Zhur. Mosk. Patr. no. 5:7-9 My '56.

DNEPRODZERZHINSK—BLAST FURNACES

A blast-furnace is built in 6 months. V. Bielniev. Ukraina no. 13:8 Jl '56.

The blow-in of pulverized coal through tuyeres to the blast furnace hearth. V.I. Loginov and others. Metallurg. no. 4:10-12 Ap '56.

Work experience of P.P. Lygun, head furnace attendant. V.D. Kichko. Metallurg no. 6:14-16 Je '56.

DNEPROPETROVSK—COMMUNIST PARTY OF THE SOVIET UNION

Concerning a plenum. Part. zhizn' no. 13:63 Jl '56.

DNEPROPETROVSK—FRUIT JUICES

Semi-mechanized production line for juices. V. Semlikov. Prom. koop. no. 5:17 My '56.

DNEPROPETROVSK—MACHINERY INDUSTRY

Victory of Soviet machine builders. S. Akhmatov. Ogonek 25 no. 48:11 N '47.

DNEPROPETROVSK—METALLURGICAL PLANTS

Our plant, our work, our trade union. IA. Khalip. Sov. Soiuz no. 7:14-17 Jl '56.

DNEPROPETROVSK—METALLURGICAL RESEARCH

The Dnepropetrovsk Metallurgical Institute. A.D. Gotlib. Metallurg. no. 4:9 Ap '56.

DNEPROPETROVSK—SCHOOL DISCIPLINE

A good start. B. Blagman. Prof.-tekh. obr. 13 no. 6: 21-22 Je '56.

DNEPROPETROVSK PROVINCE—COMMUNIST YOUTH LEAGUE

Together with the Communist Youth League. I. Eremenko. Raspr. pech. no. 7:11 Jl '56.

DNEPROPETROVSK PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

Together with the Communist Youth League. I. Eremenko. Raspr. pech. no. 7:11 Jl '56.

DNEPROPETROVSK PROVINCE—PETROLEUM GEOLOGY

Appearance of salt tectonics at the Pereshchepino station of the Dnepropetrovsk Province. M.P. Balukhova'kyi. Dop. AN URSR no. 3:11-14 '48.

DNEPROPETROVSK REGION—SMELTING

Experience in manufacturing E320 electrical steel. G.M. Borodulin, G.F. Morenko, V.P. Frantsov. Metallurg no. 3:14-16 Mr '56.

DNIEPER LOWLAND—GEOLOGY, STRATIGRAPHIC

Upper Cretaceous deposits in the northern region of the Dnieper-Donets Lowland between the Dosna and Psel Rivers. I.P. Chernets'kyi. Geol. zhur. 16 no. 2:30-43 '56.

DNIEPER RIVER

Ancient names of the Dnieper. I. Samoilova'kyi. Ukraina no. 12:32 Je '56.

DNIEPER RIVER—FRESH WATER FLORA

Studying plant growth in the middle reaches of the Dnieper. K.K. Zerov. Trudy Inst. gidrobiol. AN URSR no. 23:36-54 '49.

DNIEPER RIVER—ZOOPLANKTON

Division of Dnieper fauna. IU.M. Ma' URSR

DN'

Me

Re

Re

Us

DNIEPER VALLEY—BOTANY

Vegetation on lower Dnieper sands and its effect on pine plantations. G. M. Il'kun. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:194-205 '54.

DNIEPER VALLEY—GEOLOGY, STRATIGRAPHIC

Structure of the Dnieper Terraces in the region of the Lenin Water Reservoir and on the Quaternary undulatory motions occurring in this region. N. V. Izmailova. Dokl. AN SSSR 108 no. 4:701-703 Je '56.

DNIEPER VALLEY—PINE

Subtillage as means of deepening the root bed of pine in the afforestation of lower Dnieper sands. P. A. Skripka. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:182-193 '54.

DNIEPER VALLEY—SOIL BINDING

Results of experiments in stabilizing lower Dnieper sands with a bituminous emulsion. N. G. Zakharov, I. B. Revut, L. S. Dolsenko. Sbor. VNITOLES Ukr. resp. otd. no. 1/2: 206-221 '54.

DNIESTER RIVER—CESTODA

New species of Gyrodactylus (Monogenea) among the fishes of the Upper Dniester. O. P. Kulakiva'ka. Trudy Inst. zool. AN URSR 8:121-123 '52.

DNIESTER VALLEY—AMPHIBOLITE

Pyroxene amphibolites in the Dniester Valley. A. I. Proskurko. Dokl. AN Tadzh. SSR no. 14:13-17 '55.

DNIESTER VALLEY—PHYSICAL GEOGRAPHY

Division of the Vinnitsa region of the Dniester Valley into geomorphological districts. V. I. Radzlieva'kyi. Geol. zhur. 16 no. 2:74-77 '56.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861. FICTION

"The student Dobroliubov", a tale. S. Marvich. Reviewed by IU. Mann. Lit. v shkole 17 no. 4:64-66 Jl-Ag '56.

DOCKS

Nosovskii, E. M. [Experience of collective Stakhanovite work in a port] Opyt kollektivnoi stakhanovskoi raboty porta. Moskva, Izd-vo Ministerstva rechnogo flota SSSR, 1951. 69 p.
(NNC)

DOCUMENTARY FILMS see Motion pictures, Documentary

DOCUMENTS, LEGAL see Legal documents

DODECANE

Certain regularities in thermal chlorination of n-dodecane. R. S. Galanina, A. S. Nekrasov. Dokl. AN SSSR 108 no. 2: 251-252 My '56.

DOGS

A dog as a boat hauler. N. Rozina. Ogonek 34 no. 30: 32 Jl '56.

How wolves became dogs. N. Rakovskaia. IUnt. nat. no. 4:35-37 Jl '56.

Mazover, A. P. [Raising dogs for farm use] Sobakovodstvo v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 196 p.
(DA)

Strange behavior in dogs. G. Imnadze, P. Mantelfel'. Okh. i okh. khoz. no. 7:59 Jl '56.

DOGS—DISEASES AND PESTS

Rickets in puppies. G. Zotova. Okh. i okh. khoz. no. 7: 34-35 Jl '56.

DOGWOOD see subdivision under Armenia

DOKUCHAEV, VASILII VASIL'EVICH, 1846-1903

V. V. Dokuchaev and A. N. Engel'gardt. L. L. Balashev. Pochvovedenie no. 5:93-97 My '56.

DOLINA—OPALS

Profile of menilitic deposits of the Dolina structure. H. N. Dolenko, S. P. Vitryk. Geol. zhur. 16 no. 2:65-69 '56.

DOLINA—PETROLEUM GEOLOGY

Profile of menilitic deposits of the Dolina structure. H. N. Dolenko, S. P. Vitryk. Geol. zhur. 16 no. 2:65-69 '56.

DOMESTIC ANIMALS

Conference on the problem of individual development of farm animals. I. A. Baryshnikov, I. F. Shul'zhenko. Zhivotnovodstvo no. 6:74-77 Je '56.

DOMESTIC ANIMALS—DISEASES see Veterinary medicine

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DON-MAIN IRRIGATION CANAL

Don-Main Irrigation Canal. K. M. Petrov, N. I. Gubankov. Gidr. i mel. 8 no. 3:3-10 Ag '56.

DON RIVER—FISHES

Positive effect of damming on the stock of vimba in the Don River. S. K. Troitskii. Ryb. khoz. 32 no. 6:45-47 Je '56.

DON VALLEY—BALLADS

Gromov, P. T. [Don region folklore] Narodnoe tvorchestvo Dona. Rostov-na-Donu., Rostizdat, 1952. 1 v.
(MH)

DON VALLEY—LABOR AND LABORING CLASSES—HISTORY

Inozemtsev, G. A. [The beginning of the workers' movement in the Don region] U istokov rabochego dvizhenila na Donu. Rostov-na-Donu, Rostovskoe kn-vo, 1956. 54 p.

DON-VOLGA CANAL see Volga-Don Canal

DONETS BASIN

New boundaries of the Donets Basin. Geog. v shkole 19 no. 3:61 My-Je '56.

DONETS BASIN—BARITE

Discovery of barite in quartz-carbonate veins of the Nagol'nyy ridge of the Donets Basin. E. K. Lazurenko. Min. sbor. no. 9:314-315 '55.

DONETS BASIN—CARBONATES (MINERALOGY)

Concretionary formations in the productive deposits in the western part of the Donets Basin. P. V. Zaritskii. Dokl. AN SSSR 108 no. 2:329-332 My '56.

DONETS BASIN—CLUBS

Mine auditorium. Mast. ugl. 5 no. 7:28 Jl '56.

DONETS BASIN—COAL HANDLING MACHINERY

High-speed conveyer transfer. I. Nikolaev, I. Sereda. Mast. ugl. 5 no. 7:8-9 Jl '56.

DONETS BASIN—COAL MINERS

By means of the miners' own talents. Mast. ugl. 5 no. 7:31 Jl '56.

In the Donets steppe; photos. Rad. zhin. 11 no. 7:14-15 Jl '56.

Men of the Donets Basin. K. Lidina. Mast. ugl. 5 no. 7: 16a-16d Jl '56.

Young miner generation. Mast. ugl. 5 no. 7:25 Jl '56.

DONETS BASIN—COAL MINES AND MINING

Growing enterprise. Mast. ugl. 5 no. 7:27 Jl '56.

In the Donets steppe. I. Mel'nikov. Ukraina no. 15:16-19 Ag '56.

On a discontinuous work-week schedule. Mast. ugl. 5 no. 7:25 Jl '56.

Reduce labor expenditure in every workshift. L. Kopeika. Mast. ugl. 5 no. 7:5-6 Jl '56.

Results of clever leadership in a sector. V. Diadyk. Mast. ugl. 5 no. 7:3-5 Jl '56.

Some problems in the over-all mechanization of Donets Basin mines. V. Alekseiev, V. Liashenko. Kom. Ukr. 32 no. 8:33-42 Ag '56.

Working Donets Basin coal seams with inclined winzes. B. K. Kuklin, D. IA. Prognimak. Ugol' 31 no. 7:10-16 Jl '56.

DONETS BASIN—GEOLOGICAL MUSEUMS

Depths tell us their secrets. Ukraina no. 15:32 Ag '56.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC

Upper Cretaceous deposits in the northern region of the Dnieper-Donets Lowland between the Desna and Psel Rivers. I. P. Chernets'kyi. Geol. zhur. 16 no. 2:30-43 '56.

DONETS BASIN—GEOLOGY, STRUCTURAL

Tectonics of greater Donets Basin and the origin of trenchlike faults of platforms. V. II. Bondarchuk. Geol. zhur. 16 no. 2:3-12 '56.

DONETS BASIN—HISTORY

Work of Stalino historians. I. IA. Omel'ianenko. Vop. ist. no. 5:208-209 My '56.

DONETS BASIN—MIGRATION, INTERNAL

Communist Youth League members on the move. Zmina no. 7:4-5 Jl '56.

DONETS BASIN—NATURAL HISTORY

Natural history of a coal region ("Natural history of the Donets Basin." A. Sliusarev. Reviewed by V. P. Zamkovoi). Priroda 45 no. 7:117-118 Jl '56.

DONETS BASIN—PHYSICAL EDUCATION AND TRAINING

Mass training for the Spartakiada of the peoples of the U. S. S. R. Mast. ugl. 5 no. 7:30 Jl '56.

DONETS BASIN—RECONSTRUCTION

Reconstruction of industry in the Donets Basin during the Great Patriotic War. A. F. Khavin. Vop. ist. no. 5:116-126 My '56.

DONETS BASIN—SHAFT SINKING

Exemplary shaft sinking in the Butovskaia-Glubokaia mine. A. S. Zori. Gor. zhur. no. 7:40-45 Jl '56.

DONETS BASIN—SOCCER

Soccer in the Donets Basin. Mast. ugl. 5 no. 7:31 Jl '56.

DONETS BASIN—TORBANITE

First location of boghead coal in the Donets Basin. A. M. Ishchenko. Dop. AN URSR no. 3:15-18 '48.

DONETS BASIN—WRESTLING

A wrestler team in the "Kochegarka" mine. Mast. ugl. 5 no. 7:30 Jl '56.

DORMANCY (PLANTS)

Dormancy in plants as a process of cell protoplasm division. P. A. Genkel', E. Z. Oknina. Trudy Inst. fiziol. rast. 6 no. 1:95-102 '48.

Dormancy in stoloniferous weeds. B. M. Smirnov. Agrobiologiia no. 3:137-139 My-Je '56.

DOROZHEVO—FOLK MUSIC

Three trips to Dorozhevo. L. Kulakovskii. Sov. muz. 20 no. 8:73-82 Ag '56.

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881

A. N. Matkov's story of F. M. Dostoevskii and Petrashevskii's followers. N. P. Ovsiannikova. Ist. arkh. no. 3: 223-226 My-Je '56.

Bourgeois critics on Dostoevskii. D. Zaslavskii. Inostr. lit. no. 7:170-174 Jl '56.

"Dostoevskii lived here." M. Nikitin. Reviewed by N. Stepanov. Oktiabr' 33 no. 7:186-188 Jl '56.

In memory of Kalidasa, Heine, and Dostoevskii. Nar. Kit. no. 12:33-36 Je '56.

DOUBLE STARS see Stars, Double

DOUGLASS, FREDERICK, 1817-1895

"The life and writings of Frederick Douglass," vols. 1-4 [in English]. Philip S. Foner. Reviewed by B. P. Kanevskii. Vop. ist. no. 5:199-200 My '56.

DRAFT HORSES

Vladimir draft horses on the "Put' Il'icha" Collective farm. E. Chernysheva. Konevodstvo 26 no. 8:25-26 S '56.

DRAINAGE

(see also subdivision under Near East)

Draining of trenches in building the Kakhovka Hydroelectric Power Station. E. E. Alias. Gidr. stroi. 25 no. 3:8-13 Ap '56.

International Irrigation and Drainage Commission. Gidr. i mel. 8 no. 8:64 Ag '56.

Lower the cost of draining swamps and swampy lands by subsurface drains. A. M. Romanenko. Gidr. i mel. 8 no. 7:23-26 Jl '56.

Mechanism of the action of an electric current on a waterlogged cohesive clay mass. V. S. Sharov. Trudy NII osn. i fund. no. 17:47-62 '52.

Mechanization of mole drainage work in meadows and pastures. A. M. IAnbol', I. V. Stolanov. Mekh. sil'. hosp. 7 no. 8:20-22 Ag '56.

Use drainage systems correctly. I. F. Rusinov. Mosk. kolkh. 6 no. 7:27 Jl '56.

DRAINAGE—BIBLIOGRAPHY see Bibliography—Drainage

DRAINAGE, HOUSE

Khmel'nitskii, G. S. [Table for hydraulic calculations of drainage installations] Tablitsy gidravlicheskogo rascheta vodootvodnykh sooruzhenii. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 61 p.

DRAMA—HISTORY AND CRITICISM

Thoughts about the drama. Bernard Shaw. Translated from the English by A. Obraztsova, S. Shlapoberskata. Oktiabr' 33 no. 7:170-174 Jl '56.

DRAMATIC CRITICISM

Young critics meet in the editor's office. Teatr 17 no. 6:183 Je '56.

DRAMATIC EDUCATION see Acting—Study and teaching

DRAMATISTS

The dramatist and the theater. A. Arbuzov. Teatr 17 no. 7:58-66 Jl '56.

DRAVITE see subdivision under Krivoy Rog region

DRAWING

The pencil is a tourist's weapon. E. Rubtsova, Dm. Sobolev. Pioner no. 7:60-61 Jl '56.

DRAWING—INSTRUCTION

"Drawing lessons in the elementary school." G. Labunskaia, G. Nazarevskaia, E. Rozhkova. Reviewed by I. P. Glinskaia. Nach. shkola 24 no. 7:59-60 Jl '56.

Our remarks about the secondary school program in mathematics and drawing. V. T. Horbatiuk. Rad. shk. 35 no. 7:56 Jl '56.

Some ways to teach drawing. O. Fadieieva. Doshk. vykh. 17 no. 7:5-9 Jl '56.

DRAWING (METALWORK)

(see also subdivision under Magnitogorsk)

Conference on steel wire production. Metallurg. no. 4:37 Ap '56.

Draw plate manufacture methods. I. I. Voronov. Metallurg no. 6:36 Je '56.

The use of multigrooved boxes. P. P. Tulankin. Metallurg. no. 4:38-40 Ap '56.

DRAWING, MEXICAN

Mexican graphic arts. E. Kibrik. Inostr. lit. no. 7:245-249 Jl '56.

DRAWING-ROOM PRACTICE

Double printing of tracing-paper plan copies. V. M. Ivanov. Rats. i izobr. predl. v stroi. no. 129:40-41 '56.

Improving the working board of the engineer-designer. L. A. Shcherbinina. Rats. i izobr. predl. v stroi. no. 129: 42-43 '56.

Standards for design problems of municipal water supply and sewerage systems. Rats. i izobr. predl. v stroi. no. 129:35-37 '56.

Writing texts and inscriptions on tracing paper with the typewriter. S. A. Chubkovata. Rats. i izobr. predl. v stroi. no. 134:23-24 '56.

DREDGING

Breaking down banks with explosives to facilitate the operation of hydraulic pipeline dredges. V. M. Tavrizov. Gidr. stroi. 25 no. 3:13-15 Ap '56.

Correct planning and cost reduction in waterway maintenance. V. M. Tavrizov. Rech. transp. 15 no. 6:24-26 Je '56.

Hydromechanical methods in winning sapropels deposited in lakes. A. V. Smirnov, E. D. Tomin. Gidr. i mel. 8 no. 7:29-36 Jl '56.

Hydromechanization on the projects of the Ministry of Construction of the U. S. S. R. N. M. Arnol'd, E. G. Kunakov. Nov. tekh. i pered. op. v stroi. 18 no. 7:7-10 Jl '56.

More on expenditures per one kilometer of waterway. A. S. Vil'pert. Rech. transp. 15 no. 6:21-23 Je '56.

Reducing expenditures per one kilometer of guaranteed-depth waterway. I. Kovrigin. 15 no. 6:23-24 Je '56.

Utilizing the characteristics of combined use of pump dredge and spoil pipe for setting up economic operating conditions for hydromechanical installations. G. N. Roer. Gidr. stroi. 25 no. 5:45-50 Ap '56.

DREDGING MACHINERY

Device for timing the operation of hydraulic pipeline dredges. N. P. Posel'skii. Transp. stroi. 6 no. 6:30 Je '56.

Ravinskii, L.M. [Use of the suction dredge apparatus 1000-80 in the construction of the Kakhov hydroelectric power station] Opyt raboty zemlesosnogo snariada 1000-80 na stroitel'stve Kakovskoi GES. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 52 p.

Rotary-pressure suction dredge ZGM-1. V. A. Moroz. Mekh. trud. rab. 10 no. 7:23-26 Jl '56.

DREES, WILLEM, 1886-

People and events; biographical notes. Nov. vrem. 14 no. 29:31 Jl '56.

DRESDEN—CHESS—TOURNAMENTS

International tournament in Dresden. A. Sokol'skii. Shakh. v SSSR 33 no. 6:164-165 Je '56.

DRESSMAKING see subdivision under Minsk

DRIBERG, THOMAS EDWARD NEIL, 1905-

Thomas Diberg in Moscow. K. Nopomnishchii. Ogonek 34 no. 37:3 S '56.

DRILL (AGRICULTURAL IMPLEMENT)

SON-2, 8 drill used for checkrowing vegetables. I. Anikin. MTS 16 no. 6:30-32 My '56.

DRILLING AND BORING MACHINERY

Accelerated turning of holes in the rear axle. F. D. Sobol'. Mekh. sil'. hosp. 7 no. 9:22 S '56.

Evaluating the rigidity of boring machines. E. V. Ryzhov. Stan. i instr. 27 no. 8:20-23 Ag '56.

New technological processes and material handling techniques used in the continuous production of radial drilling machines. M. V. Khoruzhenko. Stan. i instr. 27 no. 8:12-16 Ag '56.

Semiautomatic drilling of holes with crossing axes. M. M. Rudylin. Stan. i instr. 27 no. 8:35-37 Ag '56.

The 2A53 radial drilling machine. B. M. Bromberg. Stan. i instr. 27 no. 8:10-12 Ag '56.

DRINKING FOUNTAINS

Fountain for a drinking container. S. L. Bernshtein. Voen.-med. zhur. no. 6:80 Je '56.

DROBOV, VASILII PETROVICH, d. 1955

Professor Vasilii Petrovich Drobov; on his 70th birthday. F. Kh. Dzhangurazov, S. Kh. Chevrenidi. Bot. zhur. 41 no. 4:597-602 Ap '56.

DROGOBYCH PROVINCE—TELECOMMUNICATION

Combining communication offices is an important economy measure. P. I. Lysykh, P. M. Krytsyn. Vest. sviazi 16 no. 7:25-26 Jl '56.

DROPS

Scattering of water drops in an air current (with English summary in insert). V. I. Arabadzhi. Koll. zhur. 18 no. 3:262-262a My-Je '56.

DROZHZHIN, SPIRIDON DMITRIEVICH, 1848-1930

Grandpa Drozhzhin. L. Il'in. Mol. kolkh. 23 no. 7:25 Jl '56.

DRUG INDUSTRY

Some problems in the organization of industrial practice in the technology of drugs. G. S. Mikhallova. Apt. delo 5 no. 4:36-37 Jl-Ag '56.

State of the system of supplying people and therapeutic and preventive institutions of the R. S. F. S. R. with drugs and methods for its improvement. M. S. Kislov. Apt. delo 5 no. 4:3-11 Jl-Ag '56.

DRUGS

Scientific research in the field of drug technology. R. K. Aliev. Apt. delo 5 no. 4:11-14 Jl-Ag '56.

DRUGS—ADULTERATION AND ANALYSIS

"Materials on the analysis of concentrates and medicinal compounds"; published by the Central Analytical Control Laboratory of the Moscow city branch of the Main Pharmaceutical Administration of the Ministry of Public Health of the R. S. F. S. R. Reviewed by TS. I. Shakh, L. I. Rapaport, I. I. Zorokhovich. Apt. delo 5 no. 4:63-64 Jl-Ag '56.

DRY ICE

(see also subdivision under Leningrad)

Refrigeration of food served on planes. G. Gubkina. Grazhd. av. 13 no. 5:27-28 My '56.

DRYING

Investigating the kinetics of drying processes. A. V. Lykov, M. S. Smirnov. Izv. AN SSSR, Otd. tekh. nauk no. 8:10-16 Ag '56.

Sterile drying by the spraying method. V. Butlagin. Mias. ind. SSSR 27 no. 3:15-16 '56.

DRYING APPARATUS

Attention to the storage and drying of seeds in oil mills. Masl.-zhir. prom. 22 no. 4:3-4 '56.

Calculation of a cylindrical inductor with a closed magnetic circuit. I. T. Talyshinskii. Elektrichestvo no. 8:11-15 Je '56.

Transportable wood-drying installations. I. V. Krechetov, B. S. TSarev. Der. prom. 5 no. 7:5-7 Jl '56.

DRYING APPARATUS—FOOD

Drying potatoes, vegetables, and fruit. V. Shustrov. Kolkh. proizv. 16 no. 7:25-26 Jl '56.

DUBROVNIK—DESCRIPTION

Pearl of the Adriatic Sea. M. Almazov. Kul't.-pros. rab. 17 no. 7:50-51 Jl '56.

DUBROVNIK, YUGOSLAVIA—THEATER

Summer festival in Dubrovnik. Gerald Cazaubon, Marko Ristić. V zashch. mira no. 62/63:26-31 Jl-Ag '56.

DUCKS

(see also subdivision under Astrakhan Province; Berezan' (Kiev Province); Ukraine)

River ducks. V. Larionov, A. Chel'tsev. Okh. i okh. khoz. no. 7:18-22 Jl '56.

DUCKS—FEEDING AND FEEDING STUFFS

Duckweed as feed for waterfowl. A. M. Nikolaeva. Ptitsevodstvo 6 no. 6:24-27 Je '56.

Raising ducklings. K. V. Kalmykov, I. A. IU. Fishelev. Sots. tvar. 28 no. 8:44-46 Ag '56.

DUCKWEED

Duckweed as feed for waterfowl. A. M. Nikolaeva. Ptitsevodstvo 6 no. 6:24-27 Je '56.

DUCTUS ARTERIOSUS

Results of surgical treatment of patent ductus arteriosus. Bor Imrikh. Pediatriia 39 no. 3:3-10 My-Je '56.

DUMICH, DMITRO, 1935-

Difficult fellow. Sh. Isakov. Fizk. i sport 28 no. 7: 16-17 '56.

DUMPING APPLIANCES

Installing truck dumpers in old grain-receiving establishments. S. Karetnikov. Muk.-elev. prom. 22 no. 7:25 Jl '56.

Tripping device for conveyors. R. Gorban'. Muk.-elev. prom. 22 no. 7:26-27 Jl '56.

DUNITES

Schistose banded dunite-peridotite. G. M. Vinogradskaia. Zap. Vses. min. ob-va 85 no. 2:232-235 '56.

DURALUMIN—WELDING

Heat expansion of metals as a control parameter in spot welding of duralumin. IU. A. Pachentsev. Avtom. svar. 9 no. 3:65-71 My-Je '56.

DURBAN—PETROLEUM—REFINING

New petroleum refinery in Durban. Stroi. pred. neft. prom. 1 no. 4:28 Je '56.

DUROV, VLADIMIR LEONIDOVICH, 1863-1934

Naturalist and animal trainer. V. A. Kimriakov, M. A. Gerd. Est. v shkole no. 4:21-25 Jl-Ag '56.

DUSHECHKIN, ALEKSANDR IVANOVICH, 1874-1956

Aleksandr Ivanovich Dushechkin; obituary. A. Peterburgskii. Sakh. sveki. no. 8:46-47 Je '56.

Aleksandr Ivanovich Dushechkin; obituary. Ud. i ur. 1 no. 6:57-59 Je '56.

DUSHETI—TERRESTRIAL ELECTRICITY

Daily variations of earth electric currents according to data of the Dusheti Geophysical Station. V. V. Kebuladze, A. S. Lashkhi. Trudy Inst. geofiz. AN Gruz. SSR 12:37-55 '53.

Organization of station observations on earth electric currents in Dusheti and TSikhisdzhvari. V. V. Kebuladze, A. V. Bukhnikashvili, A. S. Lashkhi. Trudy Inst. geofiz. AN Gruz. SSR 12:5-36 '53.

DUST COLLECTORS

Increasing the capacity of C-140 electric filters. P. IA. Kuleshov. Koks i khim. no. 4:45-49 '56.

Maintenance and repair of KhK-45 Cottrell precipitators in sulfuric acid plants. V. N. Uzhov. Prom. energ. 11 no. 5:35 My '56.

DUST RADIOACTIVE see Radioactive fallout

DUST REMOVAL

Dust elimination in crushing and grinding plants. A. Gervas'ev. Sots. trud no. 7:85-90 Jl '56.

Removing dust from mail by means of a central exhaust system. N. A. Lodzik, V. A. Bruker. Vest. sviazi 16 no. 7:22-23 Jl '56.

DVATSATI VOS'MI GVARDEITSEV DISTRICT—HARVESTING

District party organization during the harvesting period. I. Grishagin. Komm. Kazakh. 26 no. 8:19-24 Ag '56.

DWARF FRUIT TREES see subdivision under Moscow Province

DWELLINGS see subdivision under Georgia; Moscow Province

DYES AND DYEING

Nepodine from Tien Shan dock (Rumex tianschanicus A. Los) and horse dock (Rumex confertus Willd). K. V. Taraskina, T. K. Chumbalov. Vest. AN Kazakh. SSR 12 no. 7:107-111 Jl '56.

Preparation of highly dispersed dyes and determination of their granularity. D. S. Sominskii, R. L. Kniushina. Khim. nauka i prom. 1 no. 2:205-208 '56.

Reversible photochemical decolorizing of dyes adsorbed on microporous glass (with English summary in insert). A. V. Karlakin. Zhur. fiz. khim. 30 no. 5:986-994 My '56.

DYES AND DYEING—CHEMISTRY

Causes for the lessened sensitizing activity of dyes when using nondiffusing color components. S. V. Natanson, E. B. Lifshits, I. I. Levkoev. Zhur. nauch. i prikl. fot. i kin. 1 no. 3:174-182 My-Je '56.

Condensation of $\beta,\beta$-bis(p-dimethylaminophenyl)-acrolein with heterocyclic compounds containing an active methyl or methylene group. G. M. Oksengendler, A. I. Kipriianov. Ukr. khim. zhur. 17 no. 5:744-750 '51.

Mechanism of the organic dye sensitization of the internal photoeffect of silver and thallium iodides (with English summary in insert). I. A. Akimov. Zhur. fiz. khim. 30 no. 5:1007-1018 My '56.

Research in the field of polycyclic dyes. N. S. Dokunikhin, A. M. Fomicheva, N. I. Abramova. Zhur. prikl. khim. 29 no. 6:930-935 Je '56.

DYES AND DYEING—COTTON

Mironov, I. A. [Safety engineering in dyeing and finishing cotton materials] Tekhnika bezopasnosti v krasil'no-otdelochnom khlopchatobumazhnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promysh. SSSR, 1956. 174 p.

DYES AND DYEING—HYGIENE ASPECTS

Industrial hygiene in the production and use of benzanthron. V. G. Piskunova and others. Gig. i san. 21 no. 7:22 26 Jl '56.

DYES AND DYEING—SPECTRA

Absorption spectra of sublimated dye layers (with English summary in insert). A. T. Vartanian. Zhur. fiz. khim. 30 no. 5:1026-1043 My '56.

DYMER DISTRICT—AMATEUR THEATRICALS

With Communist Youth League courage. M. Matvielov. Sots. kul't. 10 no. 8:30 Ag '56.

DYNAMICS

Limit center of a dynamic system. G. I. Kats, S. G. Krein. Zbir. prats' Inst. mat. AN URSR no. 11:121-124 '48.

DYSENTERY

Adrenaline metabolism in children ill with dysentery. N. E. Ozeretskovskaia, A. P. Chernikova. Vop. okh. mat. i det. 1 no. 4:56-62 Jl-Ag '56.

"Bacillary dysentery in children." A. L. Lihov. Reviewed by V. P. Davydov. Vop. okh. mat. i det. 1 no. 2:85-87 Mr-Ap '56.

Bacterial dysentery and dyspepsia in infancy. B. O. Andzhelov. Pediatriia 39 no. 3:46-47 My-Je '56.

Biomycin treatment for chronic dysentery in children. L. M. Khitrova. Pediatriia 39 no. 3:41-44 My-Je '56.

Capillaroscopy of children in dysentery. F. A. Bogomolova. Pediatriia 39 no. 3:85-86 My-Je '56.

Carrying of dysentery bacteria by healthy children in a kindergarten (author's abstract). E. N. Mertsalov, L. A. Savicheva, L. P. Travina. Pediatriia 39 no. 3:48-49 My-Je '56.

Clinical and bacteriological analysis of dysentery in children from whom isolated atypical dysentery bacilli were recovered. V. A. Timchenko, Z. N. Vakhrusheva. Pediatriia 39 no. 3:89 My-Je '56.




412071 O - 57 - 12

DYSENTERY (Continued)

Clinical aspects and diagnosis of dysentery in children during their first three months of life. O. N. Molnikova. Pediatriia 30 no. 3:33-37 My-Je '56.

Comparative rating of the effectiveness of modern methods of treating acute dysentery. N. N. Faerman. Pediatriia 30 no. 3:31 My-Je '56.

Comparative rating of the effectiveness of some methods of vaccine therapy for acute dysentery. O. S. Mironov. Voen.-med. zhur. no. 4:33-36 Ap '56.

Compound therapy of acute dysentery in children and the prevention of protracted and recurrent forms. E. N. Rhekhal. Sov. med. 20 no. 6:47-52 Je '56.

Diagnosis and treatment of dysentery in children. M. M. Kosiura. Fel'd. i akush. 21 no. 6:7-10 Je '56.

Dispensary treatment of convalescents following dysentery. N. S. Protsiditova, V. A. Minkina. Vop. okh. mat. i det. 1 no. 2:70-74 Mr-Ap '56.

Dysentery in newborns. E. P. Nikolina. Vop. okh. mat. i det. 1 no. 3:30-33 Mr-Ap '56.

Early exacerbation and relapses of intestinal disorders in dysentery. I. M. Matberg. Pediatriia 30 no. 3:20-32 My-Je '56.

Effectiveness of streptomycin in a compound method of treating toxic forms of dysentery and toxic dyspepsia in young children. A. B. Lev. Pediatriia 30 no. 3:60 My-Je '56.

Effectiveness of therapeutic measures in nurseries for children ill with chronic dysentery. I. I. Ginzer, E. A. Shubina. Vop. okh. mat. i det. 1 no. 4:79-81 Jl-Ag '56.

Etiology of sloantritis in dysentery in infants. F. I. Shovban, P. I. Gerasimenman. Vest. oto-rin. 18 no. 4:63-65 Jl-Ag '56.

Exacerbations in dysentery in children. E. D. Hellneva. Vop. okh. mat. i det. 1 no. 4:91 Jl-Ag '56.

Genesis of secondary toxicoses during dysentery in infants. A. P. Chernikova. Vop. okh. mat. i det. 1 no. 2: 34-39 Mr-Ap '56.

Immunologic reaction to dysentery peculiar to various age groups. I. V. Ovsiovskaia. Pediatriia 30 no. 3:20-25 My-Je '56.

Immunological changes in dysentery in children. B. G. Shirvindt, M. S. Dobkina. Pediatriia 30 no. 3:13-20 My-Je '56.

Late results of synthomycin therapy for children contracting dysentery during infancy. L. M. Feniuova. Vop. okh. mat. i det. 1 no. 4:93-99 Jl-Ag '56.

Morphological changes in the central nervous system in various forms of dysentery in children. I. G. Vishneva-iakata. Vop. okh. mat. i det. 1 no. 2:45-53 Mr-Ap '56.

New procedures in caring for children ill with dysentery. A. P. Poznak. Vop. okh. mat. i det. 1 no. 4:75-79 Jl-Ag '56.

Opsonocytophagic reaction in bacillary dysentery in children. M. Z. Liubetskaia, A. G. Gelinovich, D. A. Zlatkovskaia. Pediatriia 30 no. 3:39-41 My-Je '56.

Present-day state of works on dysentery research. G. N. Spermakti. Pediatriia 30 no. 3:10-11 My-Je '56.

Prevention of dysentery. M. Kashtanova. Sov. krasnoarmeets 6 no. 3:23-24 My-Je '56.

Role of Landsia intestinalis in bacillary dysentery. O. G. Badagova. Pediatriia 30 no. 3:88-89 My-Je '56.

Role of the water factor in the epidemiology of bacillary dysentery. A. A. Chamovskov. Voen.-med. zhur. no. 3:48-53 Mr '56.

Some data on the epidemiology of dysentery in pregnant women, in women recently confined, and in children. N. S. Cherkasova, G. N. Smirnov, N. A. Petushinskaia. Pediatriia 30 no. 3:89-90 My-Je '56.

Some data on the role of the water factor in the epidemiology of dysentery. I. M. Nikiforov, A. B. Lev. Voen.-med. zhur. no. 4:59-60 Ap '56.

Some problems in establishing a regimen in nurseries for children with chronic dysentery. B. E. Levintova. Vop. okh. mat. i det. 1 no. 2:74-76 Mr-Ap '56.

Some problems in the pathogenesis and treatment of dysentery. A. F. Bilibin. Voen.-med. zhur. no. 6:10-

...mulsion in the hygiene subjects excreting ...teria. N. P. Pichugina. Pediatriia 30 ...

n.

DYSENTERY--DIAGNOSIS

Diagnosis of dysentery. M. F. Fel'dshchuk. Fel'd. i akush. 20 no. 6:53-57 Je '55.

Quick bacteriological diagnosis of dysentery by means of a combined carbohydrate-alcohol medium. D. M. Lapram, L. I. Tsvetkova. Vrach. delo, kiev. no. 3:53-55 Mr '56.

DYSENTERY--PREVENTION

Important tasks in the reorganization of the prevention of dysentery. M. N. Manlov. Vop. okh. mat. i det. 1 no. 2:10-17 Mr-Ap '56.

Some problems in the control of dysentery in children. B. G. Shirvindt. Vop. okh. mat. i det. 1 no. 2:3-9 Mr-Ap '56.

System of preventitive measures against dysentery. A. L. Libov. Vop. okh. mat. i det. 1 no. 4:84-87 Jl-Ag '56.

DYSPEPSIA

Bacterial dysentery and dyspepsia in infants. B. D. Andrzheiev. Pediatriia 30 no. 3:40-47 My-Je '56.

Effectiveness of streptomycin in a compound method of treating toxic forms of dysentery and toxic dyspepsia in young children. A. B. Lev. Pediatriia 30 no. 3:23 My-Je '56.

DYSTROPHY, MUSCULAR

Biochemical changes in deprivated muscles caused by repeated daily electric stimulations. I. M. Yakovlev. Ukr. biokhim. zhur. 28 no. 2:223-230 '56.

Data on the experimental studies of muscular dystrophy. Part 2. Creatine and carnosine contents and activity of adenosinetriphosphatase and phosphophorase in muscle of rabbits. A. IA. Mustafakina. Ukr. biokhim. zhur. 22 no. 2:168-175 '50.

Data on the study of experimental muscular dystrophy. Report no. 5. Glycolytic processes in muscles in experimental muscular dystrophy. V. A. Hrdlicka-Ukr. biokhim. zhur. 23 no. 4:388-397 '51.

Effect of a preparation of adenosinetriphosphoric acid on the development and course of experimental muscular dystrophy, histologic part of the study. I. V. Lavrova, Fiziol. zhur. [Ukr.] 1 no. 3:95-101 My-Je '55.

DZERZHINSK--BLAST FURNACES

First smelting has been made. A. [Alaud] Ogonek 34 no. 37 [29] S '56.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926

Dzerzhinets. K. Radovskii. Ogonek 34 no. 28,37 Jl '56.

F. E. Dzerzhinskii on the education of children and youth. N. M. Chekh. Nar. obr. 12 no. 7:3-10 Jl '56.

A glorious son of the party ("Selected letters" [in Polish] Feliks Dzerzhinskii. Reviewed by M. Marakhovs'. Nov. Ukr. 8 no. 7:168-170 Jl '56.

Letters by Feliks Dzerzhinskii. Translated from the Polish by A. Gorskii. Zvezda no. 7:144-150 Jl '56.

DZHABAEV, DZHAMBUL, 1846-1945

Memorable meetings. Vs. Rozhdestvenskii. Sov. muz. no. 8:83-85 Jl-Ag '56.

DZHALAL-ABAD PROVINCE--ANTHROPOGEOGRAPHY

Particularities of geographical distribution of population of the Dzhalal-Abad Province of the Kirgiz SSR. K. G. Gurbanov. Izv. AN Kir. SSR no. 7:61-72 '56.

DZHALAL-ABAD PROVINCE--GRAIN

Grain crops in dry-farming areas. N. Sattol'-Mullaker. Sel'khoz. Kirg. no. 4:7-10 Ap '56.

DZHALIL', MUSA, 1906-1944

Iskhak, Akhmet, [The hero poet Musa Dzhalil'] Poet-geroi Musa Dzhalil', Moskva, Izd-vo "Znanie," 1956, 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 6, no. 16)

DZHAMBUL--EXCAVATIONS (ARCHAEOLOGY)

Excavations on the territory of the ancient city Taras in 1949. G. I. Patsevich. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:73-86 '56.

DZHANASHIA, NIKOLAI SEMENOVICH, 1872-1918

N. S. Dzhanashia; a biographical and bibliographical sketch. Kh. S. Ilgazhba. Trudy Abkh. inst. iaz., lit. i ist. no. 25: 13-26 '54.

DZHANASHIA, SIMON NIKOLAEVICH, 1900-

Problems of Abkhasian history in Academician S. N. Dzhanashia's works. Z. V. Anchabadze. Trudy Abkh. inst. iaz., lit. i ist. no. 25:347-351 '54.

DZHELO FALLS

Dzhelo Falls. P. P. Kheresh'kh. Priroda 45 no. 7:111-112 Jl '56.

DZHERMUK--MINERAL WATERS

Effect of Dzhermuk mineral waters on the secretion and excretory of bile. B. A. Mirzoian, S. V. Davitaia. Vop. kur. fizioter. i fizich. ku'tr. 21 no. 1:7-12 Ja-Mr '56.

Mineral waters of Dzhermuk (Jermuk) in Armenia. M. V. Tagneva. Trudy Lab. gidrogeol. problem. 14:212-220 '48.

Treatment of [illegible] with Dzhermuk [illegible] mineral waters. [illegible] Vop. kur. fizioter. i fizich. ku'tr. 21 no. 1:12-16 Ja-Mr '56.

DZHETY-OGUZ, KIRGIZ REPUBLIC

[illegible] Priroda 45 no. 7:32-34 Jl '56.

DZHEZKAZGAN--COPPER MINES AND MINING

In the interest of [illegible] Vest. AN SSSR 26 no. 7: [illegible] Jl '56.

DZHEZKAZGAN--COPPER ORES

Materials on the origin of [illegible] Dokl. AN SSSR 110 no. 5: [illegible] Mosk. ob-va ispytatelei prirody, Otd. geol. 31 no. 5:111-112 S-O '56.

DZHEZKAZGAN--MINING ENGINEERING

Calculating the safe dimensions of [illegible] Trudy Inst. gornogo dela AN Kazakh. SSR 1:111-122 '56.

DZHUGDYR MOUNTAINS--DEER, WILD--MIGRATIONS

[illegible] Priroda 45 no. 7:32-33 Jl '56.

DZHUNGARIAN ALA-TAU--GLACIERS

New data on the dynamics of [illegible] Ala-Tau. B. N. Mamaev, A. V. [illegible] Dokl. AN SSSR 97 no. 6:1051-1054 Ap 20 '54.

EAR

Conditions of the ear and [illegible] in agricultural [illegible] M. A. [illegible] Vest. oto-rin. 18 no. 4:59-62 Jl-Ag '56.

Morphology of the [illegible] Trudy Inst. morfologii zhivotnykh [illegible] no. 17:[illegible] '56.

EAR--BLOOD SUPPLY

Effect of the dropping of [illegible] permeability of blood vessels of the [illegible] Materials. Vest. oto-rin. 18 no. 4:11-15 Jl-Ag '56.

EAR--DISEASES

"Acute otitis and its complications." [A. G. Tumarkin.] Reviewed by V. K. Bogdanov. Vest. oto-rin. 18 no. 4: 88-89 Jl-Ag '56.

Acute otitis media in newborn infants. [illegible] Vest. oto-rin. 18 no. 4:52-58 Jl-Ag '56.

Etiology of [illegible] in dysentery in infants. [illegible] Inst., F. I. Gerasimenman. Vest. oto-rin. 18 no. 4:91-92 Jl-Ag '56.

How to take care of the [illegible] Bishop. resp. vrach s detskim [illegible] no. 3:[illegible] '56.

Tissue therapy in [illegible] Vrach. delo no. 3:[illegible] '56.

Treating chronic purulent otitis media. [illegible] Vest. oto-rin. 18 no. 4:15-20 Jl-Ag '56.

Treating purulent chronic otitis media. [illegible] Vest. oto-rin. no. 3:15-20 '56.

EAR--FOREIGN BODIES

On the problem of the pathological processes [illegible] bodies in the ear canal, and [illegible] Vrachebnoe [illegible] no. 3:[illegible] '56.

EAR--SURGERY

Tympanoplasty as a method for improving hearing in chronic otitis media. G. M. Dotsenko. Vest. oto-rin. 18 no. 4:19-25 Jl-Ag '56.

EARTH

Distribution of elements in the earth's crust and hypothesis on the origin of the earth. V. I. Lebedev. Priroda no. 9:38-49 '55.

EARTH--INTERNAL STRUCTURE

First meeting on geothermal reserves in the [illegible] A. IE. Batygina'. Geol. zhur. 16 no. 5:63-65 '56.

Geospheres and chemical properties of masses. [illegible] Geokhimiia no. 5:53-61 '56.

Internal structure of the earth. V. A. Magnitskii. Priroda 45 no. 7:3-15 Jl '56.

The nature of the transitional layer of the earth's crust at a depth of 400-900 kilometers. V. A. Magnitskii. Izv. AN SSSR. Ser. geofiz. no. 6:830-835 Je '56.

EARTH--ROTATION

Determination of falling body deviation caused by the earth's rotation and the theory of Foucault's pendulum. I. N. Vesselovskii. [Trudy] MIIGAiK no. 32:123-127 '56.

EARTH--SURFACE

Some basic issues of the modern theory of development of the earth's crust. V. I. Popov. Sbor. Tr. vost. Yaro. gos. ob-va no. 7:5-20 '55.

EARTH MOVEMENTS

(See also subdivision under Bay May-Kuka; Volga Valley)

The role of movements of the earth's crust in the formation of underground water in continental strata and in gas deposits of the Volga Valley. A. B. Ronov. Trudy Lab. geol. gorn. 2:55-84 '47.

EARTH MOVEMENTS (Continued)

Slow movements of the earth's crust during strong earthquakes. A. E. Ostrovskii. Biul. Sov. po seism. no. 1: 40-45 '55.

EARTH TEMPERATURE
(see also subdivision under Caucasus)

At the all-Union conference on geothermics. A. M. Zhirmunskii. Priroda 45 no. 7:105-107 Jl '56.

Practical use of the heat of the earth's interior. Vest. AN SSSR 26 no. 9:93 Ag '56.

Results of the First All-Union Conference on Geothermal Investigations in the U. S. S. R. Ugol' 31 no. 7:42-43 Jl '56.

Theoretical and applied research in the field of geothermy (first all-Union conference). I. D. Dergunov. Vest. AN SSSR 26 no. 6:135-137 Je '56.

Utilizing the earth's heat ("Possibilities of utilizing the deep heat of the earth. S. A. Kraskovskii. Reviewed by V. A. Obruchev). Priroda 45 no. 7:118-119 Jl '56.

EARTHMOVING MACHINERY

Leveling of irrigated areas. D. S. Lastochkin. Gidr. i mel. 8 no. 7:18-22 Jl '56.

The PT-4A and PS-4B graders. Mekh. trud. rab. 10 no. 7:40 Jl '56.

EARTHQUAKE, 1953 see subdivision under Gori District

EARTHQUAKES
(see also subdivision under Frunze; Gissar Valley; Kazbek; Khibiny Mountains; Kirghizistan; Soviet Central Asia; Tajikistan)

Present state and prospects in the field of earthquake prediction. G. A. Gamburtsev. Biul. Sov. po seism. no. 1:7-14 '35.

Slow movements of the earth's crust during strong earthquakes. A. E. Ostrovskii. Biul. Sov. po seism. no. 1: 40-45 '55.

EARTHQUAKES AND BUILDING

Akademiia nauk Gruzinskoi SSR, Tiflis. Institute stroitel'nogo dela. [Album of details of earthquake-proof construction elements for apartment houses and public buildings] Al'bom detalei seismostoikikh konstruktsii dlia zhilykh i grazhdanskikh zdanii. Razrabotali Sh. A. Dzhabua, Sh. G. Napetvaridze, A. L. Churaian. Tbilisi, 1952. 33 p.
(CU)

Some considerations of earthquake resistance of underground pipes. R. M. Mukurdumov. Vod. i san. tekh. no. 5:12-16 My '56.

EARTHS, RARE

Potentiometric determination of lanthanum, cerium, praseodymium, neodymium, and samarium. L. IA. Poliak, F. M. Shemiakin. Trudy Kom. anal. khim. 7: 276-288 '56.

Solution of certain analytical problems in the field of rare earths by means of radioactivation analysis. G. I. Born, K. F. Vaiss, M. G. Kobalndze. Trudy Kom. anal. khim. 7:104-118 '56.

EARTHWORK

Cement-clay plugging solutions. G. B. Vaisfel'd. Trudy NII osn. i fund. no. 17:93-104 '52.

Combined work teams for earthwork. E. I. Samoilov. Mekh. stroi. 13 no. 6:40 Je '56.

Meeting of innovators-equipment operators. Stroi. pred. neft. prom. 1 no. 2:23 Ap '56.

EARTHWORK—COLD WEATHER CONDITIONS

Earthwork during the winter. A. V. Zagumennyi. Stroi. pred. neft. prom. 1 no. 6:20-21 Ag '56.

EAST (MIDDLE EAST) see Near East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EASTERN EMPIRE see Byzantine Empire

EASTERN EUROPE see Europe, Eastern

EASTERN ORTHODOX CHURCH—RELATIONS—PROTESTANT CHURCHES

Reply telegram. Zhur. Mosk. Patr. no. 4:4 Ap '56.

EBERTHELLA TYPHOSA

Role of indole formation by Escherichia coli in its antagonism for Salmonella typhosa. M. O. Shvaiher. Mikrobiol. zhur. 9 no. 4:46-51 '48.

Study of the growth factors and growth inhibitors of Bact. typhi abdominalis. Report no. 4: Complex growth factors and selection of substances interfering with them. V. H. Drobot'ko, B. E. Aizenman. Mikrobiol. zhur. 9 no. 2/3:93-97 '48.

ECCLESIASTICAL CALENDAR see Church calendar

ECHMIADZIN—CHURCHES

Eremian, A. B. [The Ripsime temple] Khram Ripsime. Erevan, Armgiz, 1956. 177 p., illus.

ECKO RANGING see Sonar

ECLAMPSIA see Convulsions

ECLIPSES, LUNAR—1955

Observations of the partial lunar eclipse of November 29, 1955. V. G. Teifel. Astron. tsirk. no. 169:21-22 '56.

Observations of the partial lunar eclipse of November 29, 1955 at the Irkutsk Observatory. G. V. Kuklin, E. A. Bryzgalova, L. M. Eltsov. Astron. tsirk. no. 168:19-21 '56.

Radius of the earth umbra during the lunar eclipse of November 29, 1955. S. M. Kozik. Astron. tsir. no. 167:25-26 F '56.

ECLIPSES, SOLAR

Change of meteorological elements during a solar eclipse. A. A. Dmitriev, T. V. Bonchkovskaia, T. A. Kalinina. Trudy MGI 7:93-119 '56.

ECLIPSES, SOLAR—1954

Behavior of certain animals during the solar eclipse of June 30, 1954. G. V. Modin. Zool. zhur. 35 no. 7:1094-1095 Jl '56.

ECOLOGY

Significance of N. E. Vvedenskii's theories in solving the problem of specificity in connection with ontogenic stages. I. A. Arshavskii. Uch. zap. Len. un. no. 176: 68-85 '54.

ECONOMIC ASSISTANCE

Socialist countries cooperate. I. Laponogov. Nov. vrem. 14 no. 26:15-16 Je '56.

ECONOMIC ASSISTANCE, AMERICAN
(see also subdivision under Asia, Southeastern; Egypt)

Fictitious aid. Mezhdunar. zhizn' no. 7:123-124 Jl '56

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Korea, North

ECONOMIC BOTANY see Botany, Economic

ECONOMIC CONDITIONS

The economic road to peace. Lord Boyd Orr. Vop. ekon. no. 7:95-98 Jl '56.

Some problems in the economic development of modern capitalism. A. Nesterenko. Kom. Ukr. 31 no. 6:49-50 Je '56.

ECONOMIC GEOGRAPHY see Geography, Economic

ECONOMIC POLICY
(see also subdivision under Korea, North)

Congress dedicated to great achievements. I. Baikov. Sov. mor. 16 no. 5:2-3 Mr '56.

ECONOMICS

Economic problems of socialism in the U. S. S. R. I. Stalin. Visnyk AN URSR 24 no. 10:6-52 O '52.

I. V. Stalin on nature of economic laws of socialism. O. O. Nesterenko. Visnyk AN URSR 24 no. 11:26-31 N '52.

Outstanding contribution to Marxist-Leninist teachings. Visnyk AN URSR 24 no. 11:17-25 N '52.

Speeches by foreign economists at Moscow University. Vest. Mosk. un. 11 no. 4:155-157 Ap '56.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economic

ECONOMICS—STUDY AND TEACHING
(see also subdivision under Kazakhstan; White Russia)

Aspects of modern history in A. A. Vagin's book "Economic problems in the history course for classes 8-10." N. M. Gol'dberg, V. A. Orlov. Prep. ist. v shkole 11 no. 4:87-90 Jl-Ag '56.

Conference in Leningrad to discuss A. A. Vagin's book "Economic problems in the history course for classes 8-10." N. V. Andreevskaia and others. Prep. ist. v shkole 11 no. 4:99-101 Jl-Ag '56.

Conference in Moscow to discuss A. A. Vagin's book "Economic problems in the history course for classes 8-10." G. V. Zakharova, V. E. Stepanova. Prep. ist. v shkole 11 no. 4:90-99 Jl-Ag '56.

Economic training of agricultural specialists. G. Loza. Sots. sel'khoz. 27 no. 5:34-42 '56.

Important medium for the study of economics. V. Golovkin, P. Fadiun'kin, V. Chashnikov. Mosk. prop. 13 no. 7:53-56 Jl '56.

Improve the economic education of students in technical colleges. N. Arzhanikov. Kommunist 33 no. 11:58-66 Jl '56.

Increase the economic knowledge of financial and bank workers. Fin. SSSR 17 no. 7:3-7 Jl '56.

Recommended curriculum for two-year schools of economics. Komm. Bel. 29 no. 9:72-77 S '56.

Selection and training of propagandists. A. Razubaev. Mosk. prop. 13 no. 7:48-52 Jl '56.

Utilize all possibilities for increasing economic knowledge. D. Pudikov. Fin. SSSR 17 no. 7:65-68 Jl '56.

EDEL'SHTEIN, VITALII IVANOVICH, 1881-

Professor V. I. Edel'shtein' on his 75th birthday. Sad i og. no. 6:34 Je '56.

EDEMA

Acute pancreatic edema caused by ascariasis. Ton Thhat Tung, Khoang Su, Nglen Van Van. Khirurgiia no. 5:35-47 My '56.

"Cation treatment of edemas in toxicoses of pregnancy" (Arch. f. Gynaekologie no. 186:115-120 '55). H. K. Zinser. Abstracted by E. Vikhlaeva. Akush. i gin. 32 no. 3:87 My-Je '56.

Electrophoretic examination of blood proteins and edematous fluid in experimental pulmonary edema in dogs. I. I. Islamov. Dokl. AN Tadz. SSR no. 12:65-69 '54.

Local neurological disorders and modifications of the optic nerve in angioneurotic disorders (Quincke's edema). B. S. Vilenskii. Zhur. nevr. i psikh. 56 no. 7: 536-539 '56.

Therapeutic effects of hypertonic solutions in traumatic edema of the brain. K. N. Badmaev. Biul. eksp. biol. med. 41 no. 6:30-35 Je '56.

EDITING see subdivision under White Russia

EDUCATION
(see also subdivision under Egypt; Germany, East; Gorkiy Province; Groznyy Province; India; Leningrad Province; Poland; Syria)

All-Russian conference on public education. Nach. shkola 24 no. 3:62-63 Ag '56.

Basic tasks for the new academic year. N. Naumov. Nar. obr. no. 8:13-20 Ag '56.

Conference on educational work in the school. I. Mar'enko. Nar. obr. no. 7:74-76 Jl '56.

Educational and training problems at the 20th Congress of the Communist Party of the Soviet Union. R. Karcha. Obz. vazhn. sob. v SSSR 3 no. 91:1-11 My '56.

Educational significance of the sponsoring of younger by older students. V. V. Aldonina. Sov. pedag. 20 no. 7: 33-46 Jl '56.

The foreign press. Nar. obr. no. 6:62-63 Je '56.

Good initiative and useful activities. Nar. obr. no. 6:73-74 Je '56.

Good initiative, useful deeds. Nar. obr. no. 8:76 Ag '56.

Good initiative, useful activities. Nar. obr. no. 7:77-78 Jl '56.

"Hand book of instruction and training in schools." E. I. Perovskii. Reviewed by F. IA. Mamaiev. Rad. shk. 35 no. 7:50 Jl '56.

Improve trade-union work among teachers. Z. S. Nechyporuk. Rad. shk. 35 no. 5:3-10 My '56.

In the Ministry of Education of the R. S. F. S. R. All-Russian Conference of Public Educators. Nar. obr. no. 7: 71-73 Jl '56.

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 8:75 Ag '56.

The live and the dead. L. Aizerman. Novyi mir 32 no. 7:16-30 Jl '56.

Paging through the foreign press. Nar. obr. no. 8:70 Ag '56.

Persistently put the decisions of the 20th Party Congress into effect. Nar. obr. no. 6:3-10 Je '56.

Read it yourself and recommend it to teachers. Nar. obr. no. 8:71 Je '56.

Read it yourself and recommend it to a teacher. Nar. obr. no. 8:74 Ag '56.

Read it yourself and recommend it to teachers. Nar. obr. no. 7:70 Jl '56.

The school year is over. Sov. Soiuz no. 7:40 Jl '56.

Strengthening the base of material aid for education in the sixth five-year plan. I. Padezhnov. Nar. obr. no. 8: 9-12 Ag '56.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—HISTORY
(see also subdivision under Yalutorovsk)

Activities of N. I. Lobachevskii in the field of public education. P. F. IAkunin. Ist.-mat. issl. no. 9:139-144 '56.

EDUCATION—STUDY AND TEACHING
(see also subdivision under Ukraine)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [The study and dissemination of pedagogical experience; based on the practice of directors and methodologists] Izuchenie i rasprostranenie pedagogicheskogo opyta; iz praktiki rukovoditelei shkol i metodistov. Pod red. A. M. Gel'monta. Moskva, 1956. 254 p.

Publications of province institutes of advanced training for teachers. M. P. Margulis. Rad. shk. 35 no. 5:54-56 My '56.

EDUCATION, AGRICULTURAL see Agricultural education

EDUCATION, COMMUNIST see Communist education

EDUCATION, COOPERATIVE

Cooperation between a technical school and a factory. A. A. Panarina, V. I. Anishchenko. Sred. spets. obr. no. 6:51-53 Je '56.

On a new course. V. Aleksandrovskii, G. Frolova, I. Bogdanov. Nar. obr. no. 7:37-43 Jl '56.

School and factory. E. Reminnik. Nar. obr. no. 6:48-49 Je '56.

Work training of Pioneers and students during the summer vacation. Nach. shkola 24 no. 7:62 Jl '56.

Work training of students. L. I. Libov. Rad. shk. 35 no. 5:21-27 My '56.

EDUCATION, DISTRIBUTIVE see Distributive education

EDUCATION, ELEMENTARY

Russia (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Elementary school programs for the 1956/57 school year] Programmy nachal'noi shkoly na 1956/57 uchebnyi god. Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 117 p.

Testing pupil achievments while teaching three grades. A. TSymbaliuk. Nach. shkola 24 no. 7:30-32 Jl '56.

The transition from grade 4 to grade 5. I. Tarsov, I. Vilichinskii. Nar. obr. no. 6:37-40 Je '56.

Transition from the 4th to the 5th grade. M. V. Godlevskaia. Nach. shkola 24 no. 8:28-30 Ag '56.

The work of one-room elementary schools. Nach. shkola 24 no. 7:63 Jl '56.

EDUCATION, HIGHER
(see also subdivision under Vietnam, North)

Brief news. Vest. vys. shkoly 14 no. 7:63-64 Jl '56.

Brief news. Vest. vys. shkoly 14 no. 8:64 Ag '56.

The education of students is the joint responsibility of the entire organization of higher institutions of learning. A. I. Lutchenko. Vest. vys. shkoly 14 no. 8:5-9 Ag 56.

Joint academic conferences of institutions of higher learning. Vest. vys. shkoly 14 no. 8:56-58 Ag '56.

EDUCATION, INDUSTRIAL see Technical education

EDUCATION, MEDICAL see subdivision 'Medical colleges' under Kiev; Plovdiv, Bulgaria;

EDUCATION, MILITARY see Military education

EDUCATION, MORAL see Moral education

EDUCATION, PHYSICAL see Physical education and training

EDUCATION, PRESCHOOL
(see also subdivision under Poland)

The comprehension of artistic illustrations by older preschool children. V. A. Ezikeeva. Doshk. vosp. 29 no. 7:6-12 Jl '56.

K. D. Ushinskii on preschool education. IE. Sukhenko. Doshk. vykh. 17 no. 6:5-9 Je '56.

Let us fulfill the decisions of the 20th Congress of the Communist Party of the Soviet Union on preschool education. Doshk. vosp. 29 no. 7:1-5 Jl '56.

Teaching older preschool children to tell a story about a picture. K. Leshchenko. Doshk. vykh. 17 no. 6:10-15 Je '56.

EDUCATION, PRIMARY

Transition from the kindergarten to school. A. A. Liublinskaia. Nach. shkola 24 no. 8:23-27 Ag '56.

EDUCATION, RURAL

Pedagogical practice in rural schools. K. Semenova. Nar. obr. no. 7:24-29 Jl '56.

nited States)

Je '56.

ition of the
il secondary
eshkol'nogo
ei shkoly.
inisterstva

ce a year;
3:53-54 Je '56.

secondary
he end of the
f 1917] Ocherki
nye uchili-
olutsii 1917
s. uchebno-
nila RSFSR,

1

, 13 no. 6;

EDUCATION OF CHILDREN
(see also subdivision under Kamyshlov)

Burning problems in the work of teachers. Ogonek 34 no. 28:14-15 Jl '56.

Children's reading. H. Prozarau. Rab. i sial. 32 no. 8: 7 Ag '56.

The class newspaper as the guiding spirit of the children's group. G. G. Aksiutina. Sov. pedag. 20 no. 7:49-56 Jl '56.

"Double-dealing" in pedagogics. A. Marchenko, B. Khotimskii. Ogonek 34 no. 26:13 Je '56.

The educational transition from grade 4 to grade 5. N. Markov, N. Koval', I. Boginskii. Nar. obr. no. 7:44-47 Jl '56.

Educational transition from the kindergarten to the first grade. A. V. IAnkovskaia-Baidina. Sov. pedag. 20 no. 7:17-26 Jl '56.

How to make up a lesson schedule in a one-room school. M. N. Rozanov. Nach. shkola 24 no. 8:37-42 Ag '56.

Improve the level of guidance in the school. Nach. shkola 24 no. 9:1-5 S '56.

Incentives for collective groups. B. T. Likhachev. Nach. shkola 24 no. 7:5-10 Jl '56.

Individual approach to the development of attention in young pupils. M. S. Gorbach. Nach. shkola 24 no. 7: 11-15 Jl '56.

The machine-tractor station and the elementary school. P. Petrov. Nar. obr. no. 7:52 Jl '56.

One-room schools. Nach. shkola 24 no. 8:1-5 Ag '56.

Peace to children. Klub 5 no. 5:1 My '56.

The transition in teaching and learning between gradee 4 and 5. A. Lankov, E. Sapriko, G. Mastriuk. Nar. obr. no. 8:50-52 Ag '56.

EDUCATION OF CHILDREN—OCCUPATIONS AND BUSY WORK

List of objects which can be made of paper and cardboard in manual training classes. Nach. shkola 24 no. 9:supplement [insert] S '56.

Objects made of paper and cardboard and methods of working with them in manual training classes. A. N. Kolokol'nikov. Nach. shkola 24 no. 9:45-48 S '56.

Socially useful work of students as a means of instilling the Communist attitude toward work. R. Gurova, V. Petrova. Nar. obr. no. 8:53-62 Ag '56.

EDUCATIONAL ADMINISTRATION see School management and organization

EDUCATIONAL PSYCHOLOGY

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut psikhologii. [Problems in the psychology of instruction and training in the schools] Voprosy psikhologii obucheniia i vospitaniia v shkole. Pod red. Z.I. Kalmykovoi. Moskva, 1956. 95 p. (Pedagogicheskie chteniia)

EFANOV, GRIGORII NIKOLAEVICH

Innovator-driver G. N. Efanov. A. Varavva. Avt. transp. 34 no. 5:35 My '56.

EFFICIENCY, INDUSTRIAL
(see also subdivision under China)

Certain problems in determining the labor requirement of the production; based on the tire industry. Trudy LIEI no. 9:20-36 '55.

Develop a mass movement of efficiency promoters and inventors. Komm. Bel. 29 no. 9:38-43 S '56.

Develop the activity of efficient workers. Prom. koop. no. 5:26 My '56.

Efficiency work and material encouragement of innovations. A. Demeshko. Sots. trud. no. 6:48-56 Je '56.

Experience in organizing rhythmic work according to a daily chart in a celluloid plant. Z. M. Turusova, A. M. Isakov, A. A. Suchkov. Trudy LIEI no. 9:5-19 '55.

Greater attention to inventions and suggestions for efficiency. A. Garmashev. Mosk. prop. 13 no. 7:18-22 Jl '56.

How to determine economic effects of technical improvements and efficiency suggestions. P. S. Hervits. Mekh. stl'. hosp. 7 no. 8:9-10 Ag '56.

In honor of the 39th anniversary of the Great October Revolution. Blok. agit. no. 28:1-10 O '56.

The influence of technological progress on economic aspects of labor in machine building ("Assimilating modern technology and improving the economic functions of enterprises." Reviewed by E. Pel'tsman). Sots. trud. no. 6:112-118 Je '56.

More efficient workers and inventors in our enterprises. V. Nikolaev. Blok. agit. no. 24:1-8 Ag '56.

The most important. Sov. Soiuz no. 4:8-9 Ap '56.

Party organizations and the dissemination of progressive experience. E. Borisov. Mosk. prop. 13 no. 7:55-60 Jl '56.

Youth in shops and laboratories. Tekh. mol. 24 no. 8: 26 Ag '56.

EFREMOV, NIKOLAI NIKOLAEVICH, 1886-1947

Nikolai Nikolaevich Efremov; biographical sketch. S. A. Pogodin. Izv. Sekt. fiz.-khim. anal. 27:7-14 '56.

Research of N. N. Efremov in the field of mineral salts. I. N. Lepeshkov. Izv. Sekt. fiz.-khim. anal. 27:23-27 '56.

Works of N. N. Efremov in the field of electrochemistry. M. A. Klochko. Izv. Sekt. fiz.-khim. anal. 27:20-29 '56.

Works of N. N. Efremov on the physicochemical analysis of organic substances. G. B. Ravich. Izv. Sekt. fiz.-khim. anal. 27:15-22 '56.

EFREMOV DISTRICT—AGRICULTURAL CHEMISTRY

Work experience of the Efremov Agrochemical Laboratory. A. D. Sheviakov. Ud. i ur. 1 no. 5:51-56 My '56.

EGGPLANT

Mechanizing the processing of eggplants for seeds. M. S. Katarzhin. Sad i og. no. 7:26-27 Jl '56.

Summer planting of eggplant and pepper. S. P. Dikii. Sad i og. no. 6:19-20 Je '56.

EGGS—GRADING

Mechanized grading of eggs. IU. K. Kovnatskii. Ptitsevodstvo 6 no. 6:28-30 Je '56.

EGGS—PRODUCTION

Effect of discontinuous artificial lighting on the egg production of chickens. E. V. Naitoll. Sol'khoz. Kirg. no. 4:63-64 Ap '56.

EGGS, DRIED

Effect of diet with an increased egg content on the physical development and conditioned reflex activities of healthy children of preschool age. E. I. Arshinovskaia, V. F. Vedrashko, O. N. Ratmanova. Vop. pit. 15 no. 4: 13-18 Jl-Ag '56.

Effect of storage conditions on the quality of dried egg products. M. A. Podlegaev, F. I. Pankova, P. O. Dulikova. Trudy VNIIP 5:78-85 '54.

Optimum conditions for drying egg white and yolk. F. I. Pankova, L. P. Starikova. Trudy VNIIP 5:61-66 '54.

EGIAZARIAN, GRIGORII IL'ICH

G. Egiazarian's ballet "Sevan." G. Tigranov. Sov. muz. 20 no. 7:17-22 Jl 56.

EGYPT—ART

Relation of the art of ancient Egypt to the art in the countries of Asia Minor [with English summary in insert]. S. I. Khodzhash. Sov. vostokoved. no. 3:109-118 '56.

EGYPT—ECONOMIC ASSISTANCE, AMERICAN

Extortion. Nov. vrem. 14 no. 31:16 Jl '56.

EGYPT—ECONOMIC CONDITIONS

"Crisis of Egypt's economy" [with English summary in insert]. Abd al-Razi k Muhammad Hasan. Reviewed by A. F. Sultanov. Sov. vostokoved. no. 3:174-176 '56.

The Egyptian Republic on the path to economic independence [with English summary in insert]. M. F. Gatsulin, M. V. Malinkovskii. Sov. vostokoved. no. 3:119-126 '56.

EGYPT—EDUCATION

The future of Egypt. Nikolai Drachinskii. Ogonek 34 no. 34:7-8 Ag '56.

EGYPT—FOREIGN RELATIONS

Nasser's three trump cards. Paul-Marie de la Gorce. V zashch. mira no. 62/63:15-20 Jl-Ag '56.

EGYPT—FOREIGN RELATIONS—CHINA

Establishing diplomatic relations between China and Egypt. Yeh Chi-chuang. Nar. Kit. no. 13:3-5 Jl '56.

In the interests of friendly cooperation. Mezhdunar. zhizn' no. 8:130 Je '56.

EGYPT—FOREIGN RELATIONS—RUSSIA

The Soviet Union and Egypt. F. Mutiukov. Mezhdunar. zhizn' no. 8:40-48 Ag '56.

EGYPT—HISTORY

"Land of the great Hapi." N. Petrovskii, A. Belov. Reviewed by I. S. Katsnel'son. Prep. ist. v shkole 11 no. 3: 116-119 My-Je '56.

Vorob'ev-Desiatovskii, V. S., and others. [Outline history of the ancient East] Ocherki istorii drevnego Vostoka. Pod red. V. V. Struve. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 275 p.

What Egyptian hieroglyphics have told us ("The country of the great Nile." N. Petrovskii, A. Belov. Reviewed by R. Kinzhalov). Novyi mir 32 no. 6:268-269 Je '56.

EGYPT—POLITICS AND GOVERNMENT

The Egyptian Republic on the path to independent development. L. Vatolina. Mezhdunar. zhizn' no. 6:68-77 Je '56.

EGYPT—RELATIONS (GENERAL) WITH RUSSIA

"I love you"! Sov. Soiuz no. 6:20-21 Je '56.

I open my diary. Galina Korshunova. Sov. zhen. 12 no. 10:41 O '56.

EGYPT—SOCIAL CONDITIONS

In the land of pyramids. Nikolai Drachinskii. Ogonek 34 no. 24:17-19 Je '56.

EGYPT—SPORTS

Sport in Egypt. V. Sinitsyn. Fizk. i sport 20 no. 7: 32-33 '56.

EIGENFUNCTIONS

Eigenfunction expansion of a self-adjoint partial differential equation. B.M.Levitan. Trudy Mosk. mat. ob-va 5:269-298 '56.

Eigenfunction expansion of partial difference equations of the second order. IU.M.Berezanskii. Trudy Mosk. mat. ob-va 5:203-268 '56.

Solution of the Cauchy problem for the equation $\Delta u - \gamma(x)u = \frac{\partial^2 u}{\partial t^2}$ by the method of S. L. Sobolev. B. M. Levitan. Izv. AN SSSR. Ser. mat. 20 no. 3:337-376 My-Je '56.

EIZEN, ARTUR

Artur Eizen. Sov. muz. 20 no. 7:104 Jl '56.

ELASTIC PLATES AND SHELLS

Bend of a thin plate. O. A. IUshchenko. Dop. AN URSR no. 6:431-434 '54.

Bending of a thin triangular plate with a reinforced circular aperture. B. M. Savin, N. P. Fleishman. Dop. AN URSR no. 1:3-10 '49.

Bending of thin plates weakened by a curvilinear aperture the edge of which is reinforced by an elastic ring. M. P. Sheremet'ev. Dop. AN URSR no. 4:3-10 '49.

Contact problem for the bending of plates. D. V. Vainberg. Dop. AN URSR no. 1:33-38 '49.

Cylindrical shell compressed in the middle by two forces. L. G. Tikhonova. [Trudy] MVTU no. 50:245-260 '56.

The development of the theory of elastic shells in the U.S.S.R. I. G. Vasil'ev. Trudy Inst. ist. est. i tekh. 7:137-163 '56.

Effect of the elasticity of edge fastening on the stability of a compressed circular plate. A. A. Fel'dman. Dop. AN URSR no. 4:34-38 '49.

Limit equilibrium of reinforced concrete plates. O. Khalas. Izv. AN SSSR. Otd. tekh. nauk no. 8:42-54 Ag '56.

Minor vibrations of thin elastic conical shells. E. I. Grigoriuk. Izv. AN SSSR. Otd. tekh. nauk no. 6:36-44 Je '56.

Nonmirror reflection of sound waves at thin cylindrical shells. L. M. Liamshev. Akust. zhur. 2 no. 2:180-183 Ap-Je '56.

Pressure of a rigid circular cylinder on the inner surface of a circular cylindric cavity in an orthotropic body. D. V. Hrylyts'kyi. Dop. AN URSR no. 6:419-423 '54.

Rigidity of thin-walled circular cylindrical sheells. R. M. Finkel'shtein. Izv. AN SSSR. Otd. tekh. nauk no. 7:37-42 Jl '56.

Selection of the initial surface in the problem of nonuniform shells. E. I. Grigoriuk. Izv. AN SSSR. Otd. tekh. nauk no. 8:120-121 Ag '56.

Strains and stresses in cylindrical shells and thin-walled bars having nonbuckling profile cross-sections. E. N. Nikol'skii. Izv. AN SSSR. Otd. tekh. nauk no. 6:46-54 Je '56.

Stresses in an anisotropic plane weakened by rectilinear grooves. P. A. Zahubyzhenko. Dop. AN URSR no. 6:424-430 '54.

Supporting power of circular anisotropic cylindrical shells subjected to axially-symmetric loads. M. Sh. Mikeladze. Izv. AN SSSR. Otd. tekh. nauk no. 8:105-108 S '56.

ELASTIC RODS AND WIRES

Approximate theory of the hindered torsion of closed thin-walled rods accounting for distortion in the cross sections. M. K. Kozhevnikova, V. V. Novozhilov. Izv. AN SSSR. Otd. tekh. nauk no. 9:72-83 S '56.

Stability of rods with variable cross sections. O. S. Bondarchuk. Dop. AN URSR no. 2:40-44 '48.

ELASTICITY

Bolotin, V. V. [Dynamic stability of elastic systems] Dinamicheskaia ustoichivost' uprugikh sistem. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 600 p.

Dynamic problems in the theory of elasticity. G. I. Petrashen'. Uch. zap. Len. un. no. 208:3 '56.

Efficient method for solving problems in the dynamic theory of elasticity in cases of laminated isotropic media with plane-parallel boundary divisions. G. I. Petrashen'. Uch. zap. Len. un. no. 208:5-57 '56.

Generalized biharmonic problem in the theory of elasticity. D. V. Vainberg. Dop. AN URSR no. 1:27-32 '49.

Jumps in discontinuous solutions of dynamic equations in the theory of elasticity. G. A. Skuridin. Izv. AN SSSR. Ser. geofiz. no. 6:625-633 Je '56.

Moscow. TSentral'nyi Nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. [Studies on problems of construction mechanics and the theory of plasticity; a collection of articles] Issledovaniia po voprosam stroitel'noi mekhaniki i teorii plastichnosti; sbornik statei. Pod red. A.R. Rzhanitsyna. Moskva, Gos. izd.-vo lit-ry po stroit. i arkhitekture, 1956. 326p.

One contact problem in the theory of elasticity in the sense of H. N. Savin. N. P. Fleishman. Dop. AN URSR no. 2:12-16 '49.

Quantitative analysis of wave processes in elastic semispace subjected to various effects. K. I. Ogurtsov. Uch. zap. Len. un. no. 208:142-220 '56.

Stability of plane flexure beyond the elastic limits with arbitrary reinforcement. K. S. Chobanian. Izv. AN Arm. SSR. Ser. FMET nauk 6 no. 4:1-20 Jl-Ag '53.

"Theory of elasticity" [in Polish]. M. T. Huber. Reviewed by A. I. Lur'e. Izv. AN SSSR. Otd. tekh. nauk no. 6:172-174 Je '56.

Transition to geometric approximation in the theory of elasticity. M. L. Levin, S. M. Rytov. Akust. zhur. 2 no. 2:173-176 Ap-Je '56.

Volume elasticity of elements at superhigh pressures. IU. N. Riabinin. Fiz. met. i metalloved. 2 no. 2:225-236 '56.

Volume elasticity of some ionic crystals. V. A. Gladkovskii, K. P. Rodionov. Fiz. met. i metalloved. 2 no. 2:222-224 '56.

Wave propagation in laminated isotropic elastic media. Part 1. G. I. Petrashen', I. N. Uspenskii. Uch. zap. Len. un. no. 208:58-141 '56.

ELECTION LAW—HISTORY see subdivision under Galicia

ELECTIONS
(see also subdivision under Austria; Iceland; Korea, South; Moscow; Netherland; United States)

Election day. IA. Mileiskii. Ogonek 25 no. 52:10 D '47.

Nomination of candidates for deputies of municipal and rural soviets. Ogonek 25 no. 48:9 N '47.

ELECTRIC ANESTHESIA

Effect of rectolinear impulses of rectified current on the central nervous system in dogs. M. D. Stetsenko. Fiziol. zhur. [Ukr.] 1 no. 2:30-37 Mr-Ap '55.

"Electronarcosis" IU. B. Khudyi. Nauka i zhizn' 23 no. 7:63 Jl '56.

ELECTRIC APPARATUS AND APPLIANCES

Demands on the electrical industry in connection with industrial methods in electric installation work. K. D. Kofman, G. E. Khromchenko. Prom. energ. 11 no. 5: 29-30 My '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Electric equipment industry.] Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' nos. 30-32 Jl-Ag '56.

High-voltage circuit breakers, disconnects, current transformers and arresters. Prom. energ. 11 no. 5:39 My '56.

High-voltage circuit breakers, disconnects, current transformers and lightning arresters (continuation). Prom. energ. 11 no. 6:39 Je '56.

Introduce new electrical equipment without delay. A. P. Belonov. Prom. energy. 11 no. 5:26-28 My '56.

Line clamp. N. I. Rumiantsev. Torf. prom. 33 no. 5: 36-37 '56.

ELECTRIC APPARATUS AND APPLIANCES, DOMESTIC

Dobrynin, I. F. [Electrical appliances for home use] Elektropribory v bytu. Izd. 2-oe, tekhniko-teoret. lit-ry, 1956. 56 p. (Nauchno-populiarnaia biblioteka, no. 35)

ELECTRIC ARMATURES see Armatures

ELECTRIC BOOSTERS see Boosters, Electric

ELECTRIC BUS BARS

Use of steel bus bars in electrified machine assemblies. V. V. Glabov. Torf. prom. 33 no. 5:34-35 '56.

ELECTRIC CABLES

Instrument for matching elements in balancing a cable. Vest. sviazi 16 no. 4:30 Ap '56.

Jointing of GTSh 6 kv. three-strand flexible cables with rubber insulation. E. A. Proshchin. Energetik 4 no. 7:35-37 Jl '56.

Maintenance of gas pressure cables. V. O. Shvartsman. Elektrosviaz' 10 no. 7:72-78 Jl '56.

Pestov, G. N. [Mechanization of labor-consuming work in the laying of cables without using trenches] Mekhanizatsiia trudoemkikh rabot pri bestranshseinom vypolnenii kabel'nykh perekhodov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 60 p. (Leksii po tekhnike sviazi)

Privezentsev, V. A. [The production of power cables] Proizvodstvo silovykh kabelei. Izd. 5-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 488 p.

Russia (1923- U.S.S.R.) Ministerstvo sviazi. [Interdepartmental norms and estimates in construction and installation work] Mezhduvedomstvennye normy i rastsenki na stroitel'nye i montazhnye raboty. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture.
Sec. 64. [Installation of cable communication equipment] Montazh oborudovaniia provodnoi sviazi. 1956. 101 p.

Ten and thirty-five kv. gas-filled cables. D.B. Bykov. Elek. sta. 27 no. 6:62 Je '56.

ELECTRIC CIRCUIT BREAKERS

Some aspects of the adjustment of VM-35 circuit breakers. B. M. Zetserov. Energetik 4 no. 7:26-27 Jl '56.

Use of pneumatic operating mechanisms. A. IA. Kleshchinskii. Elek. sta. 27 no. 6:60-61 Je '56.

Using maximum current protection methods shunting a circuit-breaker trip coil by relay contacts. P. M. Mel'nyk. Visnyk AN URSR 27 no. 6:43-45 Je '56.

ELECTRIC CIRCUIT BREAKERS—TESTING

Plants for testing high-voltage circuit breakers. A. I. Gershengorn. Elektrichestvo no. 6:84-88 Je '56.

ELECTRIC CIRCUITS

Correcting signal distortion according to time characteristics. G. I. TSemel'. Shor. nauch. rab. po prov. svinzi. no. 5:104-117 '56.

Kaller, M. IA. [The theory of electric circuits] Teoriia elektricheskikh tsepei. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 254 p.

Transient phenomena in linear circuits when switching in irregular e. m. f. IU. I. Samoilenko. Radiotekhnika 11 no. 5:73-79 My '56.

ELECTRIC COILS

Formless winding of coils. IU. Zakharov. Radio no. 7: 63 Jl '56.

Gerashchenko, G. V. [A reference manual on the preparation of coils for electric apparatus] Spravochnoe rukovodstvo po izgotovleniiu katushek elektroapparatov. Moskva, Gos. energ. izd-vo, 1956. 86 p.

ELECTRIC CONDUCTORS

Calculation of reactance in connection with selecting conductor cross sections in low-voltage power systems. F. F. Vorontsov. Prom. energ. 11 no. 6:32-33 Je '56.

ELECTRIC CONTROLLERS

AST-4 automatic synchronizer with fixed advance. B. IA. Vintskin, S. A. Kuznetsov, A. P. Mikhailova. Elek. sta. 27 no. 6:29-31 Je '56.

Setting up the contacts of mercury controllers used in hydraulic accumulators. K. A. Pozdniakov, A. I. Aksel'rod, S. P. Bakumenko. Vest. mash. 36 no. 7: 58 Jl '56.

ELECTRIC CRANES

Semiautomatic and remotely controlled electric cranes with single-engine drive for the three-drum windlass designed for use in ports. M. IA. Khabenskii. Rech. transp. 15 no. 7:11-13 Jl '56.

ELECTRIC CURRENT COLLECTORS

Precast concrete poles for street lighting and contact wires for streetcars and trolley buses. S. IA. Maksimov. Gor. khoz. Mosk. 30 no. 6:10-17 Je '56.

ELECTRIC CURRENT CONVERTERS

Construction and calculation of electron-bridge control circuits with ionic rectifiers. V. N. Aksenov. Elektrosviaz' 10 no. 7:31-41 Jl '56.

Group connection of electron tubes as a means for increasing the reliability of high-power converters. L. R. Neiman and others. Elektrichestvo no. 6:54-59 Je '56.

Overturn of inverters. V. P. Pimenov, A. V. Posse. Elektrichestvo no. 6:65-70 Je '56.

ELECTRIC CURRENT RECTIFIERS

Automatic current stabilization in electrolysis. R. I. Shindel'man. Prom. energ. 11 no. 6:10-14 Je '56.

Calculating selenium rectifiers having capacity-input filters. IU. E. Nosovitskii. Radiotekhnika 11 no. 5: 66-72 My '56.

Conference on semiconductor rectifiers. S. S. Meskin, I. Kh. Geller. Elektrichestvo no. 6:93-94 Je '56.

Determining the components of an equivalent electric circuit of semiconductor rectifiers. G. B. Abdullaev. Izv. AN Azerb. SSR no. 3:3-10 Mr '56.

Importance of mercury drops in the occurrence of arcbacks. G. N. Golubchin, L. A. Sena. Elektrichestvo no. 6:60-65 Je '56.

Selenium rectifiers. I. Zavlazkin. Prom. koop. no. 5: 19 My '56.

Use of selenium rectifiers under varying loads with voltage control. I. IA. Raikh, A. I. IAvnik. Prom. energ. 11 no. 5:14-15 My '56.

ELECTRIC CURRENTS

Diagram of the current of the motor for auxiliary equipment of rolling mills. K. I. Kozhevnikov. Elektrichestvo no. 6:15-22 Je '56.

ELECTRIC CURRENTS—GROUNDING

Naifel'd, M. R. [Protective grounding in electric engineering establishments] Zashchitnye zazemleniia v elektrotekhnicheskikh ustanovkakh. Moskva, Gos. energ. izd-vo, 1956. 159 p.

ELECTRIC CURRENTS, ALTERNATING—STUDY AND TEACHING

School excursions with the topic "Alternating current." A. D. Dementsev. Fiz. v shkole 16 no. 4:76-78 Jl-Ag '56.

ELECTRIC DISCHARGES

On one case of conformity with the law for the transition of unipolar corona discharge into spark discharge. N. N. Tikhodeev. Zhur. tekh. fiz. 26 no. 7:1493-1496 Jl '56.

ELECTRIC DISCHARGES THROUGH GASES

Feasibility of producing thermonuclear reactions in gaseous discharges. I. V. Kurchatov. Atom. energ. no. 3:65-75 '56.

ELECTRIC DISCHARGES THROUGH GASES (Continued)

Hard radiation emitted by pulse discharges. L. A. Artsimovich and others. Atom. energ. no. 3:84-87 '56.

Hard X-ray emission accompanying discharges in gases. S. IU. Luk'ianov, I. M. Podgornyi. Atom. energ. no. 3: 97-106 '56.

High-voltage impulsive discharges in gases; session of the Section of Physical and Mathematical Sciences, S. M. Osovets, I. M. Podgornyi. Vest. AN SSSR 26 no. 8:106-108 Ag '56.

Investigating pulse discharges at thigh currents. L. A. Artsimovich and others. Atom. energ. no. 3:76-80 '56.

Light emission stabilization of gaseous discharge sources. V. I. Shirokov. Izv. AN SSSR. Ser. fiz. 20 no. 5:605-607 My '56.

Mobility and space charge of ions in a non-uniform field. IU. M. Kagan, V. I. Perel'. Dokl. AN SSSR 103 no. 2:222-225 My '56.

On the theory of wave motion of electron plasma. A. I. Akhiezer, R. V. Polovin. Zhur. eksp. i teor. fiz. 30 no. 5:915-926 My '56.

Pressure mechanism of the current in rapid and powerful gaseous discharges. M. A. Leontovich, S. M. Osovich. Atom. energ. no. 3:81-83 '56.

Spectroscopic investigations of powerful pulse discharges in hydrogen. S. IU. Luk'ianov, V. I. Sinitsyn. Atom. energ. no. 3:88-96 '56.

Spreading of space charge blobs. O. P. Beguchev. Zhur. tekh. fiz. 26 no. 7:1483-1486 Jl '56.

Theory of the low-voltage arc zone. A. V. Nedospasov. Zhur. tekh. fiz. 26 no. 6:1202-1207 Je '56.

ELECTRIC DRIVING

Assembly for attaching track-limit switches on type B electric drives. I. I. Gress. Energetik 4 no. 7:27-28 Jl '56.

Diagram of the current of the motor for auxiliary equipment of rolling mills. K. I. Kozhevnikov. Elektrichestvo no. 6:15-22 Je '56.

"Electric equipment of concentrating mills." I. L. Koval'skii. Reviewed by M. V. Greisukh. Elektrichestvo no. 6:96 Je '56.

"Electric shaft" in modern electric drives. L. B. Geller. Prom. energ. 11 no. 6:5-9 Je '56.

Transient and steady-state processes in electric drives with magnetic particle clutches operating under viscous friction. T. A. Glazenko. Sbor. nauch. rab. LIMSKII 9: 273-287 '53.

Types of electric motors used as drive for the main equipment at cement mills. N. S. Irinarkhov. TSement 22 no. 2:15-16 Mr-Ap '56.

ELECTRIC ENGINEERING

Amendments and additions to the "Regulations for the operation of electrical equipment in industrial establishments" (conclusion). Prom. energ. 11 no. 6:37-38 Je '56.

Amendments in directives. Elek. sta. 27 no. 6:63 Je '56.

Avaev, S. A., S. V. Gartung, and A. N. Shmelev. [Electric substations, networks, and illumination in light industry] Podstantsii, seti i osveshchenie predpriiatii legkoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 439 p.

Eliminating excesses in planning electric power plants and equipment. S. IA. Andreev. Elektrichestvo no. 6: 1-4 Je '56.

Markelov, V. V. [Installation of electric power and lighting equipment] Montazh silovogo i osvetitel'nogo elektrooborudovaniia. Izd. 2-oe, ispr. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 133 p.

Starting and adjusting electric equipment at the time of installation. S. F. Gershkovich. Prom. energ. 11 no. 5:34 My '56.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering; abstracts nos. 11717-13996] Referativnyi zhurnal: Elektrotekhnika no. 7 Jl '56.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—LABORATORY MANUALS

Necessary explanation. N. P. Antropov. Elektrichestvo no. 6:96 Je '56.

ELECTRIC ENGINEERING—LAWS AND LEGISLATION

Amendments in the "Regulations for the Operation of Industrial Electric Equipment." Prom. energ. 11 no. 5:36-38 My '56.

Publication of the Compilation of Directives of the State Inspection Agency for Industrial Power Engineering and Control. Prom. energ. 11 no. 5:38-39 My '56.

ELECTRIC ENGINEERING—PERIODICALS

Conference of readers of "Elektrichestvo" in Rostov-on-Don. E. P. Mironov. Elektrichestvo no. 6:92-93 Je '56.

ELECTRIC ENGINEERING—PROBLEMS, EXERCISES, ETC

Luknitskii, V. V. [A manual of problems for heat technicians of electric power plants] Zadachnik po teplovym elektricheskim stantsiiam. Izd. 2-oe, perer. i dop. Moskva, energ. izd-vo, 1956. 232 p.

ELECTRIC ENGINEERING—SAFETY MEASURES

Some questions of electrical safety. M. I. Kireev. Prom. energ. 11 no. 6:20-24 Je '56.

ELECTRIC ENGINEERING—STUDY AND TEACHING (see also subdivision under Berezniki)

Concerning a recommendation. S. O. Andrieva'kyi. Rad. shk. 35 no. 5:59 My '56.

Electrotechnical practicum in rural schools. A. V. Nikitin. Fiz. v shkole 16 no. 4:73-76 Jl-Ag '56.

Experience in conducting electrotechnical practicum. S. E. Kamenetskii. Fiz. v shkole 16 no. 4:71-73 Jl-Ag '56.

ELECTRIC FENCES

Electric fence. H. S. Kvachov. Mekh. sil'. hosp. 7 no. 7: 25-26 Jl '56.

Electric fences. A. Ermakov. Kolkh. proizv. 16 no. 5: 33-34 My '56.

ELECTRIC FILTERS

Attenuation of high- and low-frequency type m filters. K. A. Semenov. Elektrosviaz' 10 no. 7:50-59 Jl '56.

Narrow band piezoelectric filters. E. V. Zeliakh, IA. I. Velikin. Elektrosviaz' 10 no. 8:39-51 Ag '56.

Using inductance coils with outlets in electric filters. Kh. I. Cherne. Elektrosviaz' 10 no. 8:52-59 Ag '56.

ELECTRIC FURNACES

Experience in calcium carbide production in a sugar factory. A. IA. Rozhchenko, A. IA. Novirovskii, V. T. Dement'ev. Sakh. prom. 30 no. 5:49-52 My '56.

Induction furnace for melting [magnesium] alloys; suggestion by V. A. IAkovlev and others. Prom. energ. 11 no. 6:28-30 Je '56.

New-type vacuum furnace. (From "Canadian Metals" no. 2, 1956). Stal' 16 no. 7:663-664 Jl '56.

ELECTRIC GENERATORS

Analyzing methods used in the calculation of strain changes in synchronous generators caused by sudden loads. V. S. Lelkin. Sudostroenie 22 no. 4:19-25 Ap '56.

Compounding a generator with automatic suppression of the field without disconnecting the rotor winding. V. V. Pesliakas. Elek. sta. 27 no. 6:58 Je '56.

Cosmic ray generator. V. Petukhov. Sov. Soiuz no. 4: 12-15 Ap '56.

Improving the reliability of exciters. S. IU. Gritsenluk, I. I. TSelikovskii. Energetik 4 no. 7:22-23 Jl '56.

Long operation of hydrogenerator with a nonsynchronous load. L. G. Dubinin. Elek. sta. 27 no. 6:50-59 Je '56.

Repairing hydraulic-turbine generators in which the fastening of active steel to the stator is faulty. N. B. Dubinskii, V. M. Kochetkov. Elek. sta. 27 no. 6: 57-58 Je '56.

Soldering the commutator risers of the armature winding of an exciter without dismantling the hydrogenerator. S. I. Sumishevskii. Energetik 4 no. 7:22 Jl '56.

ELECTRIC HEATING

Seeding hotbeds with air electric heating. M. M. Olinyk. Mekh. sil'. hosp. 7 no. 1:31-32 Ja '56.

ELECTRIC INDUSTRIES see subdivision under Kharkov

ELECTRIC INSTRUMENTS

Conference on electric measurements and instrument making. V. P. Sigorskii. Izm. tekh. no. 3:84-86 My-Je '56.

Instrument for matching elements in balancing a cable. Vest. sviazi 16 no. 4:30 Ap '56.

Instruments for measuring stray currents. L. M. Zaks, I. V. Strizhevskii. Izm. tekh. no. 3:45-49 My-Je '56.

New electric instruments for the automatic control of linear measures. V. M. Kiselev. Izm. tekh. no. 3: 22-24 My-Je '56.

ELECTRIC INSTRUMENTS—STANDARDS

Preparation of international standards for electric measuring instruments and counters. M. A. Bykov. Izm. tekh. no. 3:87-88 My-Je '56.

ELECTRIC INSULATORS AND INSULATION

Cleaning insulators. O. N. Grushvitskaia. Elek. sta. 27 no. 6:61 Je '56.

Determining the voltage of thermal breakdowns in cylindrical insulators. A. M. Zalesskii. Zhur. tekh. fiz. 26 no. 6:1194-1201 Je '56.

Glass insulation and its use in electric machinery. V. V. Skipetrov. Prom. energ. 11 no. 5:8-14 My '56.

Winding wire. V. A. Privezentsev. Elektrichestvo no. 6:39-43 Je '56.

ELECTRIC INSULATORS AND INSULATION—TESTING

Testing the insulation of large electric machines. V. N. Zvezdkin, G. B. Izraelit. Elek. sta. 27 no. 6:32-35 Je '56.

Thermoelasticity of organosilicon dielectrics. K. A. Andrianov, N. N. Sokolov. Elektrichestvo no. 6:31-34 Je '56.

Ultrasonic method of determining defects in large insulators. M. V. Ivanov, A. E. Kolesnikov. Elektrichestvo no. 6:95 Je '56.

ELECTRIC LIGHTING

Artificial lighting of large open construction sites. V. A. Chaadaev. Elek. sta. 27 no. 6:46-47 Je '56.

Efficient lighting for X-ray darkrooms. B. S. Vinogradov. Voen.-med. zhur. no. 9:73-75 S '51.

ELECTRIC LIGHTING, FLUORESCENT

Cold light. V. Levshin. Sov. Soiuz no. 7:22-23 Jl '56.

ELECTRIC LINES (see also subdivision under United States)

Attenuation of phase along a three-wire line used for communication purposes. V. I. Kovalenkov. Sbor. nauch. rab. po prov. sviazi. no. 5:5-8 '56.

Higher harmonics of even frequency multiples in long transmission lines. M. S. Libkind. Izv. AN SSSR. Otd. tekh. nauk no. 7:3-16 Jl '56.

Mechanizing the construction of electric power lines. P. A. Semenov. Mekh. trud. rab. 10 no. 7:26-28 Jl '56.

Using the KT-12 tractor in installing transmission lines. A. Panteleev. Sel'. stroi. 11 no. 6:37-38 Je '56.

ELECTRIC LINES—POLES

Calculation of straight-line flexible wooden poles in connection with abnormal transmission line conditions. O. G. Vekselman. Elek. sta. 27 no. 6:23-26 Je '56.

Model form for making block foundations for contact system power line poles. N. V. Makarov. Bets. i izobr. predl. v stroi. no. 135:19-20 '56.

Overhead communication and radio transmission line poles made of asbestos cement pipes. G. V. Shuletkin, E. I. Poverennyi. Vest. sviazi 16 no. 7:6-11 Jl '56.

Precast concrete poles for street lighting and contact wires for streetcars and trolley buses. S. IA. Maksimov. Gor. khoz. Mosk. 30 no. 6:16-17 Je '56.

Preservation of wooden poles for transmission lines. A. Krivonos. Sel'. stroi. 11 no. 5:10-11 My '56.

Reinforced concrete poles and columns. B. G. Skvortsov. Gor. khoz. Mosk. 30 no. 6:36-37 Je '56.

ELECTRIC LINES, UNDERGROUND

Blocking off trenches during electric cable repairs. I. M. Meksin. Prom. energ. 11 no. 5:35 My '56.

Regulation of tramway drain systems. E. V. Chebotarev. Elektrichestvo no. 6:70-73 Je '56.

ELECTRIC MACHINERY

Direct-current machine without brush devices in feed circuits [Revue Générale d'Electricité no. 3 1955]. Prom. energ. 11 no. 6:34-35 Je '56.

Selecting the number of phases of winding for generating sinusoidal rotating magnetic fields. A. L. Vinogradov. Sbor. nauch. rab. LIMSKII 9:267-272 '53.

ELECTRIC MACHINERY—BIBLIOGRAPHY see Bibliography—Electric machinery

ELECTRIC MACHINERY—DIRECT CURRENT

Tolvinskii, V. A. [Direct current electric machinery] Elektricheskie mashiny postoiannogo toka. Moskva, Gos. energ. izd-vo, 1956. 468 p.

ELECTRIC MACHINES—STANDARDS

Principles of drawing up standards for widely used electric machines. G. S. Plis. Standartizatsiia no. 3: 18-22 My-Je '56.

ELECTRIC MEASUREMENTS

Contact electrodes for measuring electrical current and voltage in the ocean. S. IA. Turlygin, L. A. Korneva. Trudy MGI 7:3-14 '56.

Direct current differential bridge. G. I. Berlcev. Izv. AN Kir. SSR no. 1:61-67 '56.

Errors in measuring tg δ and the capacitance of transformer windings due to the effect of inductance. M. V. Lokshin. Elek. sta. 27 no. 6:35-37 Je '56.

Measurement of ground resistance. A. Kh. Rapoport. Vest. sviazi 16 no. 4:13 Ap '56.

Nonpolarizing diffusion electrodes for measuring weak currents occurring in any medium. S. IA. Turlygin, N. A. Karelina. Trudy MGI 7:15-26 '56.

Testing electric contact transmitter elements for precision. V. A. Chudov. Stan. i instr. 27 no. 6:30-32 Je '56.

ELECTRIC METERS

Arutiunov, V. O., and others. [Atlas of construction elements for direct measurement electric meters] Atlas konstruktsii elektroizmeritel'nykh priborov neposredstvennoi otsenki. Pod red. V. O. Arutiunova. Moskva, Gos. energ. izd-vo, 1956. 235 p.

ELECTRIC MOTORS

Klement'ev, S. D. [Low powered homemade electric motors] Samodel'nye elektrodvigateli maloi moshchnosti. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 125 p.

Modernization of the KT type crane motor. G. A. Ivanov. Energetik 4 no. 7:25-26 Jl '56.

Stopping device for the drive motor of a machine; suggestion by A. E. Rivkin. Prom. energ. 11 no. 6:30-31 Je

ELECTRIC MOTORS—STARTING DEVICES

Inductive self-regulating starting rheostat for asynchronous motors with wound rotor. A.G. Abramov, V.N. Shmakov. Energetik 4 no. 7:23-25 Jl '56.

ELECTRIC MOTORS, INDUCTION

Minimum starting torque of an asynchronous motor with contactor control. A.I. Iliukhin. Elektrichestvo no. 6: 26-30 Je '56.

Zherve, G.K. [Calculating the rewinding of asynchronous motors] Raschet nainkhronnogo dvigatelia pri peremotke. Izd. 2-oe. Moskva, Gos. energ. izd-vo, 1956. 151 p.

ELECTRIC MOTORS, SYNCHRONOUS

More about the use of synchronous motors. S.M. Livshits. Elek. sta. 27 no. 6:26-29 Je '56.

Synchronous motor with compound excitation. V.L. Inosov, V.E. Kratikova. Elektrichestvo no. 6:25-29 Je '56.

ELECTRIC NETWORKS

Calculation and reduction of losses of electrical energy in city networks. B.L. Aizenberg, M.M. Zarkhin, V.E. Manoilov. Trudy LIEI no. 7:129-141 '54.

Neutral system in the distribution networks of industrial plants. B.L. Aizenberg, V.E. Manoilov. Trudy LIEI no. 7:150-162 '54.

Problem of the most advantageous operation of urban medium-voltage networks. V.M. Dmitriev. Trudy LIEI no. 7:141-150 '54.

Theory of the linear quadripole and the multipole. G.G. Belonogov. Elektrichestvo no. 6:51-53 Je '56.

ELECTRIC POTENTIAL see Potential, Theory of

ELECTRIC POWER
(see also subdivision under Austria; Germany, West)

In the Electric Energy Committee of the United Nations. G.V. Serbinovskii. Elektrichestvo no. 6:92 Je '56.

Indexes of the make-up of regional power supply. E.R. Sivakov. Trudy LIEI no. 7:45-59 '54.

Method for tabulating power supply in industrial establishments. I.V. Gofman. Trudy LIEI no. 7:5-35 '54.

Sudenko, A.M., and A.F.TSarovskii. [Problems of economizing electric power in coal preparation plants] Voprosy ekonomii elektroenergii na ugleobogatitel'nykh fabrikakh. Moskva, Ugletekhizdat, 1956. 70 p.

ELECTRIC POWER DISTRIBUTION
(see also subdivision under France)

Capacitive power take-off from electric transmission lines and possibilities for using this system to supply agricultural loads. V.IU. Gessen. Sbor. nauch. rab. LIMSKH 0:210-238 '53.

Distribution cabinets up to 10 kv., 1500 a. Energetik 4 no. 7:3 of cover Jl '56.

Economic comparison of the transmission of electric energy and the transportation of fuel by rail with respect to the distribution of condensing power plants. R.IA. Bril'. Trudy LIEI no. 7:35-44 '54.

Smirnov, L.P., and N.P. Smirnov. [Operation of electric power systems in cities] Ekspluatatsiia gorodskoi elektricheskoi seti. Moskva, Gos. energ. izd-vo, 1956. 270 p.

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

The first of its type in the world. Nauka i zhizn' 23 no. 7:8 Jl '56.

ELECTRIC POWER PLANTS
(see also subdivision under Heilbronn, Germany; Korea, North, Ukraine; Vasilevichi)

Advantages of using a reductor in the KES-6 power plant and the transmission ration of the reductor. Kinomekhanik no. 7:40 Jl '56.

[Automatic control in electric power stations; the experience of electric stations of the Molotov power system in automatization of thermal processes] Avtomatika na elektrostantsiiakh; iz opyta avtomatizatsii teplovykh protsessov na elektrostantsiiakh Molotovenergo. Molotov, Molotovskoe kn-vo, 1955. 94 p.

Development of new power plants. IA. Lisianskii. Kinomekhanik no. 7:17-23 Jl '56.

Luknitskii, V.V. [A manual of problems for heat technicians of electric power plants] Zadachnik po teplovym elektricheskim stantsiiam. Izd. 2-oe, peror. i dop. Moskva, Gos. energ. izd-vo, 1956. 232 p.

Main building of the electric power plant made of precast reinforced concrete. P.M.Sverdlov, IU.R.Ioffe. Stroi. prom. 34 no. 6:20-24 Je '56.

Manevskii, E.S., V.S.Muzylev, and N.D.Mushtakov. [Experience in operating diesel electric railroad power stations] Opyt obsluzhivaniia dizel'nykh zheleznodorozhnykh elektrostantsii. Pod obshchei red. S.A.Kolosova. Moskva, Gos. transp. zhel.-dor. izd-vo, 1956. 62 p.

Mobile gas turbine power plants. V.G.Tyryshkin, M.M. Ivashchenko. Energomashinostroenie no. 5:27-30 My '56.

Power advantages of the steam-gas cycle for electric power plants. G.B. Leventsl'. Trudy LIEI no. 7:97-122 '54.

White coal; sketch. M. Stepichev. Pionerila 33 no. 6: 11-13 Je '56.

Work practice of N. Iurin, motion-picture operator, with the "Kiev-2" power plant. I. Mikhailov. Kinomekhanik no. 7:23-25 Jl '56.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

The DG50-4 diesel generator. I.O. Tryndin. Mekh. sil'. hosp. 7 no. 9:28-29 S '56.

Economic problems of fuel supply for electric power stations. N.G. Bulanov. Trudy LIEI no. 7:59-69 '54.

System of drainage in power stations. Energetik 4 no. 7:38-39 Jl '56.

ELECTRIC POWER PLANTS—LOAD

Calculation of load and emergency reserves. A.A. Morozov. Elektrichestvo no. 6:43-46 Je '56.

ELECTRIC POWER PRODUCTION

Data on power production and consumption in other countries in 1954. Prom. energ. 11 no. 5:33 My '56.

Principal tasks in lowering the cost of power in the sixth five-year plan. A.IA. Avrukh. Elek. sta. 27 no. 6:20-23 Je '56.

ELECTRIC POWER PRODUCTION FROM CHEMICAL ACTION—MEASUREMENT

Apparatus for measuring the capacity of chemical sources generating electricity. I.I. Fabionavichus. Izm. tekh. no. 3:79 My-Je '56.

ELECTRIC RAILROADS
(see also subdivision under Korea, North)

Golovanov, L.L., and M.I.Fridman. [Electric traction and its efficacy] Elektrovoznaia tiaga i ee effektivnost'. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 50 p. (Populiarnaia bibliotechka po ekonomike zheleznodorozhnogo transporta)

ELECTRIC RAILROADS—BRAKES

Approximate determination of the efficiency of train current during the use of recuperative braking. G.G. Mrakvardt. Tekh. zhel. dor. 15 no. 4:19-20 Je '56.

ELECTRIC RELAYS

Designing fully practicable switch systems. A.D. Kharkevich. Sbor. nauch. rab. po prov. sviazi. no. 5:79-92 '56.

Determining the minimum number of intermediate relays in designing multicontact circuits. V.G. Lazarev. Sbor. nauch. rab. po prov. sviazi. no. 5:93-103 '56.

Setting up multicontact relay circuits with inclusion of condensers. V.N. Roginskii. Sbor. nauch. rab. po prov. sviazi. no. 5:65-78 '56.

Stability of the time lag of electromagnetic time relays. G.A. Bugaev. Elektrichestvo no. 6:81-82 Je '56.

Vilenberg, M.I. [Computation for electromagnetic relays of automatic control and telecommunication systems] Raschet elektromagnitnykh rele dlia apparatury avtomatiki i sviazi. Moskva, Gos. energ. izd-vo, 1956. 464 p.

ELECTRIC RESISTANCE

On the accuracy of measuring impedances with the aid of long lines. R.M. Dombrugov. Radiotekhnika 11 no. 6: 66-67 Je '56.

ELECTRIC RESONATORS

Lebedev, I.V. [The technique and instruments for ultra-high roquency] Tekhnika i pribory sverkhvysokikh chastot. Moskva, Moskovskii energ. institut im. V.M.Molotova.

Sec. 2. [Wave guide technique and hollow resonators] Tekhnika volnovodov i polykh rezonatorov. 1956. 174 p.

Quartz resonator good above 10 millions. A.F. Pionskii, A.G. Smagin, B.K. Shembel'. Izm. tekh. no. 3: 51-52 My-Je '56.

ELECTRIC SPARK

Effect of the electric spark on changes in the microstructure of steel. E.A. Kutsyn. Dop. AN URSR no. 1: 30-47 '49.

ELECTRIC SUBSTATIONS

Coefficient of demand in the determination of the power of substations. L.L. Gorinshtein. Torf. prom. 33 no. 4:25-27 '56.

Designing substations for the electrification of agriculture. N.N. Beliakov. Elek. sta. 27 no. 6:37-40 Je '56.

Inverter equipment of railroad traction substations. M.D. Treivas. Elektrichestvo no. 6:87-90 Je '56.

Operation of 6-10 kw unit-type distribution systems for outside installation. B.K. Savych-Zablots'kyi, I.M. Zemlianoi. Mekh. sil'. hosp. 7 no. 8:27-28 Ag '56.

Ventilated distribution cabinets for explosion-hazardous buildings [Schweizerische technische Zeitschrift no. 10 1956]. Prom. energ. 11 no. 6:36 Je '56.

ELECTRIC SWITCHGEAR

Assembly for attaching track-limit switches on type B electric drives. I.I. Gross. Energetik 4 no. 7:27-28 Jl '56.

Device for limiting height of lift on electric pulley hacks. V.S. Gavrilov. Energetik 4 no. 7:26-28 Jl '56.

Kuznetsov, P.V. [Installation of high tension distributors] Montazh raspredelitel'nykh ustroistv vysokogo napriazheniia. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 223 p.

Kuznetsov, R.S. [Low tension distributors] Apparaty raspredelitel'nykh ustroist nizkogo napriazheniia. Moskva, Gos. energ. izd-vo, 1956. 335 p.

Testing a 35 kv. disconnecting switch for breaking no-load current of the 1800 kv.-a. transformer. L.S. Belen'kii. Elek. sta. 27 no. 6:60 Je '56.

Unprotected apparatus for explosion-hazardous buildings [Schweizerische technische Zeitschrift no. 10 1956]. Prom. energ. 11 no. 6:35 Je '56.

ELECTRIC SWITCHGEAR—TESTING

Resonance circuits with loss compensation. V.S. Lugovoi. Izv. AN Kir. SSR no. 1:47-59 '55.

ELECTRIC TRANSFORMERS

Apparatus for hoisting the removable part of transformers in substations. T.P. Musatov. Elek. sta. 27 no. 6:59-60 Je '56.

Barzilovich, V.M. [High voltage transformers] Vysokovol'tnye transformatory toka. Moskva, Gos. energ. izd-vo, 1956. 167 p.

Dry-type transformers for shop substations in metallurgical plants [Iron and Steel Engineer 32 no. 10 1955]. Prom. energ. 11 no. 6:36-37 Je '56.

Errors in measuring tg$ and the capacitance of transformer windings due to the effect of inductance. M.V. Lokshin. Elek. sta. 27 no. 6:35-37 Je '56.

Gas relay protection of power transformers. M.E. Milakov and others. Elek. sta. 27 no. 6:41-45 Je '56.

Short circuit resistance in transformers with symmetrical discoidal windings for use in resistance welding. V.K.Lebedev. Avtom. svar. 9 no. 3:44-51 My-Je '56.

ELECTRIC TRANSFORMERS—TESTING

Preventive testing of single-phase power transformers. F.G. Guseinov. Trudy Azerb. ind. inst. no. 7:81-93 '54.

ELECTRIC WAVES

Wave propagation along an infinite-length spiral. N.N. Smirnov. Dokl. AN SSSR 103 no. 2:243-246 My '56.

ELECTRIC WELDING

Calculating conditions for spot welding of crossing reinforcement bars. A.IA.Brodskii. Avtom. svar. 9 no. 3 52-57 My-Je '56.

Consultation. A.M. Kitaev. Svar. proizv. no. 7:3 of cover Jl '56.

Electric plug welding in a carbonic acid atmosphere. N.M. Novozhilov, A.M. Sokolova. Svar. proizv. no. 7: 10-13 Jl '56.

Experimental study of certain factors determining a sustained welding arc under flux. G.I.Leskov. Avtom. svar. 9 no. 3:17-25 My-Je '56.

Intensification of metal heating in resistance butt welding by means of stepped-up oxidation reaction. V.K.Lebedev, S.I.Kuchuk-IAtsenko. Avtom.svar. 9 no. 3:36-43 My-Je '56.

Operation of the 10-60 electric pipe-welding machine. IU. A. Mednikov. Metallurg no. 3:21-23 Mr '56.

Physical processes in repeated striking of an alternating-current arc. I.V.Kirdo. Avtom. svar. 9 no.3:1-16 My-Je '56.

Powder electrode for building up by welding under flux. IE. I. Leinachuk. Mekh. sil'. hosp. 7 no. 8:23-24 Ag '56.

Pulse method of arc striking in shielded and manual arc welding. B.E.Paton, V.A.Zavadskii. Avtom.svar. 9 no. 3:26-35 My-Je '56.

Repairing machine parts by means of aluminum alloys. M.P. Us. Mekh. sil'. hosp. 7 no. 8:24-25 Ag '56.

Role of substance adsorption during arc welding of metals. V.N. Skvortsov. [Trudy]MVTU no. 36:16-20 '55.

Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. Tekhnicheskoe upravlenie. [Provisional instructions for electric slag vat welding of armatures for reinforced concrete construction] Vremennye ukazaniia po dugovoi vannoi i elektroshlakovoi svarke stykov armatury zhelezobetonnykh konstruktsii. (U 141-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 43 p.

Spot welding for the repair of worn parts in ship machinery. L.IA. Popilov. Sudostroenie 22 no. 5:31-35 My '56.

Study of certain processes in roller welding. V.A. Grigor'ev. Svar. proizv. no. 7:13-15 Jl '56.

Study of characteristics of electric butt welds. V.D. Taran, V.L. Berezin. Stroi. pred. neft. prom. 1 no. 2: 13-17 Ap '56.

Using the Sv-08 wire in manufacturing electrodes for welding ship structures. N.L. Lushkov, F.I. Razdul. Sudostroenie 22 no. 5:27-30 My '56.

Welding of blanks for engine casings by the submerged-melt process. A.V. Shadrin. Svar. proizv. no. 7:16-18 Jl '56.

ELECTRIC WELDING (Continued)

Welding one-dimensional and three-dimensional reinforcement frames on the MTP-75 and MTP-100 welding machines. G. A. Grechushnikov, N. F. Shoffa. Stroi. prom. 34 no. 6:8-10 Je '56.

Zheleznlak, D.M. [Electrodes with steel powder in their coating] Elektrody so stal'nym poroshkom v pokrytii. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1956. 55 p. (Novatory stroitel'noi industrii)

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Improved electromagnetic assembly and welding stands. A.A.Kazimirov, V.Kh.Bondar'. Avtom. svar. 9 no. 3: 102-107 My-Je '56.

Modernization of mass-produced butt welding machines used in the boiler construction industry. V. M. Korsunov. Svar. proizv. no. 7:22-26 Jl '56.

Portable PTKM-1 spot-welding condenser machine for welding thin metal parts in assembling operations. V. E. Moravskii. Svar. proizv. no. 7:27-28 Jl '56.

The SI-60A electric riveter. V. I. Lomakin, N. I. Fishkova. Svar. proizv. no. 6:31-32 Je '56.

Some physical and mechanical properties of welding fluxes in the solid state. A.I.Chvertko. Avtom. svar. 9 no. 3:79-87 My-Je '56.

Welding at the All-Union Industrial Exhibition. P. G. Rybalka. Svar. proizv. no. 7:28-31 Jl '56.

ELECTRIC WIRE, INSULATED

Selection of electric wires and their use. M. Evsiratov. Moloch. prom. 17 no. 5:37-38 '56.

Winding wire. V. A. Privezentsev. Elektrichestvo no. 6:39-43 Je '56.

ELECTRIC WIRING

Metallic cleats for fastening wire to concrete foundations. E. G. Korobova. Prom. energ. 11 no. 6:33-34 Je '56.

ELECTRICIANS

Ship electricians. S. Aleksandrov. Sov. mor. no. 5:7 Mr '56.

ELECTRICITY—EFFECT ON PLANTS see Plants, Effect of electricity on

ELECTRICITY—STUDY AND TEACHING

"Methods and practice of demonstrational experiments in electricity at secondary schools." M. M. Bondarova'kyi. Reviewed by B. IU. Myrhorods kyi. Rad. shk. 35 no. 7:51-52 Jl '56.

ELECTRICITY, ATMOSPHERIC see Atmospheric electricit

ELECTRICITY, TERRESTRIAL see Terrestrial electricity

ELECTRICITY IN AGRICULTURE
(see also subdivision under Switzerland)

Follow-up on materials printed in "Mekhanizatsiia sil's'koho hospodarstva." Mekh. sil'. hosp. 7 no. 1:3 of cover Ja '56.

For new achievements in the mechanization and electrification of agriculture. Sbor. nauch. rab. LIMSKH 9:3-4 '53.

Karasev,N.E. [Electricity on the collective farm] Elektrichestvo v kolkhoze. [Kuibyshev] Kuibyshevskoi kn-vo, 1956. 40 p. (Peredovoi opyt v sel'skom khoziaistve) DA)

On the ways to general electrification of agriculture. G. Krzhizhanovskii. Ogonek 34 no. 25:4 Je '56.

ELECTRICITY IN AGRICULTURE—BIBLIOGRAPHY see Bibliography—Electricity in Agriculture

ELECTRICITY IN FISHING

Electric blocking device for fish. A. Startova. Nauka i zhizn' 23 no. 7:64 Jl '56.

ELECTRICITY IN MINING

Ways to automatize electric railroads in mining. A. V. Rys'ev. Gor. zhur. no. 7:7-12 Jl '56.

ELECTRICITY ON SHIPS

Analyzing methods used in the calculation of strain changes in synchronous generators caused by sudden loads. V. S. Leikin. Sudostroenie 22 no. 4:19-25 Ap '56.

Booster system for the electric drive of deck machinery. A. Frik. Mor. flot 16 no. 6:20-22 Je '56.

ELECTRICITY ON SHIPS—EXHIBITIONS see subdivision under Leningrad

ELECTRIFICATION
(see also subdivision under Darkhany)

Electrification and labor resources in Eastern Siberia. L. Semenov. Sots. trud no. 7:13-19 Jl '56.

Vinter, A.V., and A.B. Markin. [The electrification of our country] Elektrifikatsiia nashei strany. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 275 p.

ELECTRIFICATION, RURAL see subdivision 'Rural Electrification' under Orel Province

ELECTROCARDIOGRAPHY

Action of certain cardiac drugs on the coronary vessels in dogs; electrocardiographic studies using motion pictures. Z. G. Trofimova. Biul. eksp. biol. med. 42 no. 7:49-53 Jl '56.

Effects of I. P. Pavlov's accelerator nerve on coronary circulation. M. E. Raiskina, Z. T. Samoilova. Biul. eksp. biol. med. 41 no. 6:3-7 Je '56.

Functional state of coronary circulation in hypertension; electrocardiographic examinations. R. D. Dibner. Terap. arkh. 28 no. 4:3-9 '56.

The physiological mechanisms of a method for clinical electrocardiographic determination of the functional state of the myocardium and coronary blood circulation. IE. S. Brusylovs'kyi, M. IE. Kvitnyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 3:86-99 My-Je '55.

ELECTROCHEMISTRY

Works of N. N. Efremov in the field of electrochemistry. M. A. Klochko. Izv. Sekt. fiz.-khim. anal. 27:28-29 '56.

ELECTRODES

Casting protective plates and welding rods (electrodes) from cobalt stellite. V. V. Semenov. Energomashinostroenie no. 6:24-26 Je '56.

Electrode for potentiometric microtitration. B. I. Frid. Trudy Kom. anal. khim. 7:170-173 '56.

Electrodes for welding EI 257 steels. K. V. Liubavskii, B. I. Lazarev. Svar. proizv. no. 7:1-6 Jl '56.

Industrial training of students in an electrode-wire plant. A. R. Sakson. Khim. v shkole 11 no. 4:62-65 Jl '56.

New electrodes. Stroi. pred. neft. prom. 1 no. 1:30 Mr '56.

On the letter by IU. A. Zaidenman. E. A. Kanevskii. Zhur. fiz. khim. 30 no. 5:1184 My '56.

Zheleznlak, D.M. [Electrodes with steel powder in their coating] Elektrody so stal'nym poroshkom v pokrytii. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1956. 55 p. (Novatory stroitel'noi industrii)

ELECTRODES, CARBON

Using graphite electrodes in electric glass kilns. M. G. Manvelian and others. Stek. i ker. 13 no. 7:1-7 Jl '56.

ELECTRODYNAMICS

Topological problem connected with problems in quantum electrodynamics. V. A. Borovikov. Usp. mat. nauk 11 no. 3:113-118 My-Je '56.

ELECTROENCEPHALOGRAPHY

Analysis of bioelectric phenomena produced in the cerebral cortex by direct electric stimulation. A. I. Roitbak. Uch. zap. Len. un. no. 176:256-272 '54.

Biotics of the brain. A. Rusinov, E. Zhirmunskaia. Znan. sila 31 no. 7:33-36 Jl '56.

Some problems in the theory of the electroencephalogram. V. S. Rusinov. Uch. zap. Len. un. no. 176:236-255 '54.

Superslow rhythmical changes in the electrical potential of the brain. N. A. Aladzhalova. Biofizika 1 no. 2:127-136 '56.

ELECTROLYSIS

Automatic current stabilization in electrolysis. R. I. Shindel'man. Prom. energ. 11 no. 6:10-14 Je '56.

Electrical operating conditions of electrolytic cells in aluminum plants. S. M. Meshcheriakov. Prom. energ. 11 no. 6:14-18 Je '56.

X-ray study of anodic slurry and cathodic sediments formed during the electrolysis of silver-tellurium alloys. Z. S. Medvedeva, A. N. Khlapova. Izv. Sekt. fiz.-khim. anal. 27:141-149 '56.

ELECTROLYTES

Electrostatic theory of concentrated electrolyte solutions. Part 2. Theory, allowing for the diminishing dielectric constant of the solvent in the neighborhood of ions. G. I. Mikulin. Ukr. khim. zhur. 22 no. 3:295-308 '56.

Regeneration of metals and salts in worn-out electrolytes. A. I. Popova, I. M. Shcherbakov. [Trudy] MVTU no. 36:41-48 '56.

Regulating the feed of neutral electrolytes in electrolytic baths used in the zinc industry. I. L. Polsakhov, V. F. Denisov. TSvet. met. 29 no. 6:36-41 Je '56.

ELECTROLYTIC CORROSION

Apparatuses for protecting pipelines against corrosion caused by stray currents. P. G. Doroshenko. Stroi. pred. neft. prom. 1 no. 3:8-10 My '56.

Cathodic protection station with a semiconducting thermoelectric generator. V. I. Glazkov, V. G. Kotik. Stroi. pred. neft. prom. 1 no. 5:7-10 Jl '56.

Electrical protection of pipelines against corrosion. V. V. Borisov. Energetik 4 no. 7:21-22 Jl '56.

Regulation of tramway drain systems. E. V. Chebotarev. Elektrichestvo no. 6:70-73 Je '56.

ELECTROLYTIC POLISHING see Polishing, Electrolytic

ELECTROMAGNETISM—STUDY AND TEACHING

Rotation of the current conductor around a magnet. I. L. Khazanov. Fiz. v shkole 16 no. 4:66-67 Jl-Ag '56.

ELECTROMAGNETISM IN MEDICINE

Sterile cover for an interpolar electromagnet. V. S. Chernenko. Voen.-med. zhur. no. 9:63-64 S '55.

ELECTROMAGNETS

Electromagnetic punching machinery. S. IAkovlev. Nauka i zhizn' 23 no. 6:52 Je '56.

Investigating the topography of the inhomongeneous-plane magnetic field of a six-pole electromagnet. M. I. Korsunskii and others. Zhur. tekh. fiz. 26 no. 6:1223-1232 Je '56.

ELECTROMETALLURGY
(see also subdivision under France)

The $CO_2$ content in anodic gases as a method of checking the electrolytic process of alumina-cryolite smelting. G. V. Forsblom, R. A. Sandler. TSvet. met. 29 no. 5: 47-56 Je '56.

Particular case of an electric arc discharge. K. K. Khrenov. Dop. AN URSR no. 3:56-59 '48.

ELECTROMOTIVE FORCE

Changes in the thermoelectromotive force of metals subjected to plastic deformation. N. F. Kunin. Fiz. met. i metalloved. 2 no. 2:237-243 '56.

Electromotive force induction in wires while measuring electric currents in the ocean. L. A. Korneva. Trudy MGI 7:27-31 '56.

ELECTRON MICROSCOPE

An electron on microscope-projector. Ukraina no. 12: 19 Je '56.

ELECTRON MICROSCOPY

The darkfield method in electron microscopy. I. G. Stoianova. Biofizika 1 no. 4:362-369 '56.

Electron microscopy in the study of the ontogenesis of viruses. K. I. Draganov. Biofizika 1 no. 4:370-375 '56.

Electronoscopic investigation of the macromolecular structure of serum albumins and globulins. G. M. Malhoroda. Biofizika 1 no. 2:170-173 '56.

Electronoscopic observation of particles in the sap of plants affected by virus diseases. A. E. Protsenko. Biofizika 1 no. 4:376-378 '56.

New submicroscopic cell structures revealed in the electron microscopy of ultrafine sections. G. M. Frank. Biofizika 1 no. 4:340-361 '56.

Some problems connected with present-day methods of investigation in electron microscopy. A. I. Fritner. Biofizika 1 no. 3:274-278 '56.

Use of electron microscopy in the study of statistical characteristics of active solids. S. Z. Roginskii. Probl. kin. i kat. 7:72-88 '49.

ELECTRON-TUBE AMPLIFIERS see Amplifiers, Electron-Tube

ELECTRON TUBES

Dismountable X-ray tube for close-focus irradiations of biological objects. K.N.Emel'ianov. Trudy Inst. biol. fiz. no. 1:293-297 '55.

Group connection of electron tubes as a means for increasing the reliability of high-power converters. L. R. Neiman and others. Elektrichestvo no. 6:54-59 Je '56.

Investigating the distribution of the emission process on the surface of oxide cathodes. D. G. Bulyginskii, L. N. Dobretsov. Zhur. tekh. fiz. 26 no. 6:1141-1149 Je '56.

Investigations on the scintillation effect. A. N. Malakhov, V. E. Dubrovin. Zhur. tekh. fiz. 26 no. 7:1451-1455 Jl '56.

Use of mass spectrometer to investigate the activation process of oxide cathode. N. D. Nozgulis, G. IA. Pikus. Zhur. tekh. fiz. 26 no. 6:1174-1176 Je '56.

Using powerful beam tetrodes in shortwave transmitters. N. V. Zarianov, N. V. IUlovskii. Vest. sviazi 16 no. 7: 3-5 Jl '56.

ELECTRON TUBES—BIBLIOGRAPHY see Bibliography—Electron tubes

ELECTRONIC CALCULATING MACHINES

British digital computers. I. S. Mukhin. Vest. AN SSSR 26 no. 7:55-56 Jl '56.

Calculating machine employing semiconductors. Nauka i zhizn' 23 no. 7:56 Jl '56.

Calculating with lightning speed. V. Pekelis. Znan. sila 31 no. 7:10-16 Jl '56.

Eight thousand calculations in one second. S. A. Lebedev. Sov. Soiuz no. 4:25 Ap '56.

Electronic calculating machines; at the All-Union Scientific-Technical Conference. E. I. Marmonov. Priroda 45 no. 7:47-49 Jl '56.

How programs are set up. Znan. sila 31 no. 7:24 Jl '56.

A machine with "university education." B. Malynova'kyi. Zmina no. 5:17 My '56.

"Pogoda," "Ural," "Kristall," and "Strela." V. Pekelis. Tekh. mol. 24 no. 6:7 Je '56.

20,000 calculations in a second. B. V. Iniedenko. Ukraina no. 12:26 Je '56.

The use of computing machines in automatic control. B. Sotskov. Mosk. prop. 13 no. 5:55-60 My '56.

ELECTRONIC INSTRUMENTS
(see also subdivision under Hungary)

Catalog and reference book. Izm. tekh. no. 3:92 My-Je '56.

ELECTRONIC INSTRUMENTS (Continued)
Instrument for the control of frequency characteristics of video amplifiers. Z. V. Margachev. Izm. tekh. no. 3:56-59 My-Je '56.

ELECTRONIC INSTRUMENTS—EXHIBITIONS see subdivision under Moscow

ELECTRONIC OPTICS
Physical principles of electron-optical chronography. E. K. Zavoiskii, S. D. Fanchenko. Dokl. AN SSSR 106 no. 2:216-221 My '56.

ELECTRONICS—CONGRESSES
Conference on cathode electronics. V. M. Gavriliuk. Usp. fiz. nauk 59 no. 2:363-374 Je '56.

ELECTRONOGRAPHY
Electron diffraction analysis of the texture of films produced by vaporization in vacuo. M. A. Rumsh, IU. G. Baklagina. Zhur. tekh. fiz. 26 no. 7:1497-1500 Jl '56.

ELECTRONS
Distribution of the $\pi$-electron densities and interatomic distances. Report no. 3. Confirmation of the hypotheses. G. V. Bykov. Izv. AN SSSR. Otd. khim. nauk no. 5:531-537 My '56.
Investigating thermoelectric emission during transition from the solid to the liquid state. V. G. Bol'shov. Zhur. tekh. fiz. 26 no. 6:1150-1162 Je '56.
Measuring the dose of slow electrons in equipment roentgens. K. N. Emel'ianov. Trudy Inst. biol. fiz. no. 1: 288-292 '55.
On the theory of wave motion of electron plasma. A. I. Akhiezer, R. V. Polovin. Zhur. eksp. i teor. fiz. 30 no. 5:915-928 My '56.
Pisarzhevskii, L. V. [The electron in chemistry; selected works] Elektron v khimii; izbrannye trudy. Kiev, Izd-vo Akademii nauk USSR, 1956. 188 p.
"Smoothing" of charge density in the polaron theory. M. Sh. Giterman. Zhur. eksp. i teor. fiz. 30 no. 5:992-993 My '56.
Theory of polaron mobility. K. B. Tolpygo, Z. I. Uritskii. Zhur. eksp. i teor. fiz. 30 no. 5:929-937 My '56.

ELECTRONS—SCATTERING
Electron scattering in a liquid due to the violation of long-range order. A. I. Gubanov. Zhur. eksp. i teor. fiz. 30 no. 5:862-872 My '56.
Solution of the Schwinger equation for the Bloch-Nordsieck model. R. V. Tevikian. Zhur. eksp. i teor. fiz. 30 no. 5:949-951 My '56.

ELECTRONS—SPECTRA
Electron spectra of $Pu^{239}$, $Pu^{240}$ and $Pu^{241}$. K. N. Shlagin. Zhur. eksp. i teor. fiz. 30 no. 5:817-823 My '56.

ELECTROOSMOSIS
Electroosmosis in soils having different degrees of clay content. L. K. Tervinskaia. Trudy NII osn. i fund. no. 17:63-72 '52.
Modeling electroosmotic water level drop. A. V. Netushil, N. M. Burdak. Zhur. tekh. fiz. 26 no. 7:1595-1598 Jl '56.
Using electroosmosis in lowering ground water level. G. M. Lomize, A. V. Netushil. Gidr. stroi. 25 no. 3: 26-31 Ap '56.

ELECTROPHORESIS
Ionophoresis and electrophoresis in the treatment of pulmonary tuberculosis. V. I. El'nik. Vop. kur. fizioter. i loch. fiz. kul't. 21 no. 2:53 Ap-Je '56.
Mechanism of the skin reaction in electrophoresis of histamine. N. A. Vinogradov. Vop. kur. fizioter. i loch. fiz. kul't. 21 no. 1:44-50 Ja-Mr '56.

ELECTROPHYSIOLOGY
Biochemical changes in denervated muscles caused by repeated daily electric stimulations. P. M. Zubenko. Ukr. biokhim. zhur. 28 no. 2:223-230 '56.
Cathodic threshold parabiosis of a peripheral nerve depending on the functional state of the central nervous system. L. L. Vasil'ev, E. T. Gal'vas. Uch. zap. Len. un. no. 176:136-154 '54.
Changes in the volumetric and elastic properties of the nerve during the conduction of excitation and their connection with bioelectric potentials. L. P. Kaiushin, R. G. Liudkovskaia. Trudy Inst. biol. fiz. no. 1:40-49 '55.
Effect of rectilinear impulses of rectified current on the central nervous system in dogs. M. D. Stetsenko. Fiziol. zhur. [Ukr.] 1 no. 2:30-37 Mr-Ap '55.
Effect of temperature on low- and high-frequency electric conductivity of blood and its connection with the structure of erythrocytes. K. S. Trincher. Biofizika 1 no. 2: 113-119 '56.
Electric activity of the muscles of children with congenital spastic cerebral paralysis during spontaneous contractions and changes in this activity following a treatment with tropacin. S. I. Fudel'-Osypova, IE. P. Mezhenina. Fiziol. zhur. [Ukr.] 1 no. 2:7-14 Mr-Ap '55.
Electrophysiological data on the parabiosis of the muscle during contractions. L. N. Khaenko. Uch. zap. Len. un. no. 176:108-118 '54.
General electrographic investigation of anaphylactic shock. M. I. Rafiki. Uch. zap. Len. no. 176:203-217 '54.
Importance of the investigation of electric potentials of the active points of the skin in obstetrical work practice. S. P. Vyshradova, L. V. Tymoshenko. Fiziol. zhur. [Ukr.] 1 no. 1:104-108 Ja-F '55.
In vivo investigation of the physicochemical properties of the cerebral cortex in various functional states. N. A. Aladzhalova. Trudy Inst. biol. fiz. no. 1:14-29 '55.
Method for simultaneous measuring of the ohmic and capacitative components of impedance during a rapid nonstationary process. N. A. Aladzhalova. Trudy Inst. biol. fiz. no. 1:298-310 '55.
Semiconductors and the problem of excitation. E. Ernst. Biofizika 1 no. 3:296-300 '56.
Some remarks concerning the physiological properties of nerves and muscles of the anodonta. S. M. Sverdlov. Biofizika 1 no. 4:313-318 '56.
Topographic changes in the electric potentials of the skin in some mental diseases. A. K. Podshybiakin, V. M. Vasheiko. Fiziol. zhur. [Ukr.] 1 no. 3:16-26 My-Je '55.

ELECTROPLATING
Anode-mechanical processing of crankpins. L. P. Reva. Mekh. sil'. hosp. 7 no. 9:21-22 S '56.
Determining consumption coefficient of chemicals in electroplating shops. V. N. Skvortsov. [Trudy] MVTU no. 36:6-15 '55.
Electrodeposition of alloys. Part 2. Investigation of the shift in the ionic discharge potentials during alloy formation (with English summary in insert). IU. M. Polukarov, K. M. Gorbunova. Zhur. fiz. khim. 30 no. 4:871-877 Ap '56.
Electrodeposition of alloys. Part 3. Conditions for nearing of metal deposition potentials at the expense of alloying energy (with English summary in insert). IU. M. Polukarov, K. M. Gorbunova. Zhur. fiz. khim. 30 no. 4: 878-881 Ap '56.
More efficient use of power in electroplating sections. M. I. Trekhov. Prom. energ. 11 no. 6:20-22 My '56.

ELECTROSTATICS—STUDY AND TEACHING
Two electrostatic experiments. G. I. Zharekhov. Fiz. v shkole 16 no. 4:67-69 Jl-Ag '56.

ELECTROTHERAPEUTICS
Collar electrode for franklinization. V. N. Berdnikov. Voen.-med. zhur. no. 5:80-81 My '56.

ELEMENTARY PARTICLES see Particles, Elementary

ELEMENTS, CHEMICAL see Chemical elements

ELEPHANTS
The first winter. Sergei Baruzdin. IUn. nat. no. 1:38-39 Ap '56.

ELEVATORS
(see also subdivision under Moscow)
Elevators for carrying loads and personnel in construction work. A. I. Kodkin. Mekh. stroi. 13 no. 6:36-38 Je '56.
The main thing in a correct organization of preventive and routine repair work. M. G. Korotov. Gor. khoz. Mosk. 30 no. 6:28-29 Je '56.

ELEVATORS, GRAIN see Grain elevators

ELISABETH, Queen of Belgium, 1876-
People and events. Nov. vrem. 14 no. 34:31 Ag '56.

EL'TON, LAKE—SALT
Round crystallization of salts. M. N. Pol'skii. Priroda 45 no. 7:110 Jl '56.

EMBANKMENTS
Low-pressure earth embankments without reinforcement of upper slopes. IE. S. TSaitz. Mekh. sil'. hosp. 7 no. 7:23 Jl '56.

EMBARGO
Crisis of the blockade policy. M. Pankin. Mezhdunar. zhizn' no. 7:33-45 Jl '56.

EMBOLISM
Air embolism in wounds of the liver. D. I. Drozdov, K. P. Mordovskii. Voen.-med. zhur. no. 3:83-84 Mr '56.
Problems of fat excretion in the urine caused by fat embolism. T. I. Akhmeteli, D. I. Kandelaki. Soob. AN Gruz. SSR 17 no. 4:351-357 '56.

EMBROIDERY
Advice for embroideresses. E. Krasichkova. Rab. i sial. 32 no. 8:21 Ag '56.
White satin stitch with the design. H. Krasichkava. Rab. i sial. 32 no. 6:24 Je '56.

EMEL'IANOVA, NINA ALEKSANDROVNA, 1896-
Sources of light ("Springs." N. Emel'ianova. Reviewed by Vl. Nikolaev). IUnost' no. 7:74-75 Jl '56.

EMPLOYEES, DISMISSAL OF
Liability of officials for the unjustified dismissal of workers and employees. S. D. IAstrubetskii. Dop. ta pov. L'viv. un. no. 4, pt. 1:22-24 '53.

EMPLOYEES, TRAINING OF
Where did the people go? Sov. Soiuz no. 5:26-27 My '56.

EMPLOYMENT OF WOMEN see Women—Employment

EMULSIONS
Dielectric constants of emulsions. A. V. Dumanskii, O. D. Kurilenko, G. B. Barashenkov. Ukr. khim. zhur. 17 no. 1:118-122 '51.
Phase inversion in emulsions (with English summary in insert). R. M. Dvoretskaia. Koll. zhur. 18 no. 3:263-267 My-Je '56.

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAKIEVO—PARENT AND CHILD
Parents come to the club. S. Mekhedova. Klub. 5 no. 5:12 My '56.

ENCAUSTIC PAINTING
Eternal colors. V. Khvostenko. Neva no. 6:191 Je '56.

ENCEPHALITIS
Acute hemorrhagic encephalitis following administration of osarsol. I. P. Shvartsvasser, L. G. Vaingrib. Sov. med. 20 no. 5:76-77 My '56.
Clinical and epidemiological characteristic of a natural reservoir with two infections. B. L. Ugriumov, N. N. Solomin. Voen.-med. zhur. no. 4:54-59 Ap '56.

ENCEPHALOMYELITIS
Encephalomyelitis with bulbar disturbances. Tracheotomy. Recovery. D. S. Futer, N. I. Zakharova, L. F. Tal'pis. Vop. okh. mat. i det. 1 no. 1:78-80 Ja-F '56.

ENCYCLOPEDIAS AND DICTIONARIES
Explanations which are enigmatic, ridiculous, and even offensive. Novyi mir 32 no. 6:278 Je '56.
Interpretation of the activities of outstanding Bolsheviks in the Large Soviet Encyclopedia. G. M. Denisov. Vop. ist. no. 5:141-145 My '56.

ENDOCARDITIS
"Endocarditis." S. A. Gillarovskii. Reviewed by B. P. Kushelevskii. Sov. med. 20 no. 6:90-92 Je '56.

ENERGY see Force and energy

ENESCO, GEORGES, 1881-1955
A friend of the Soviet Union. Belarus' 13 no. 8:24 Ag '56.
G. Enesco. I. IAmpol'skii. Sov. muz. 20 no. 8:147-148 Ag '56.

ENGEL'GARDT, ALEKSANDR NIKOLAEVICH, 1832-1893
V. V. Dokuchaev and A. N. Engel'gardt. L. L. Baiashev. Pochvovedenie no. 5:93-97 My '56.

ENGELS, FRIEDRICH, 1820-1895
"Recollections about Marx and Engles." Reviewed by G. Fridlender. Neva no. 8:177-179 Ag '56.
"Recollections about Marx and Engels." Reviewed by I. Makar'ev. Novyi mir 32 no. 6:260-263 Je '56.

ENGINEERING—EXHIBITIONS see subdivision under Moscow

ENGINEERING—STUDY AND TEACHING
(see also subdivision under Sverdlovsk)
The Department of Mechanics in Moscow Technical College; brief outline of the work of the department for 125 years. V. V. Dobronravov. [Trudy] MVTU no. 50: 3-8 '56.
Preparing projects to be presented for a diploma is creative work. Smena 33 no. 12:4-5 Je '56.

ENGINEERING, ELECTRICAL see Electric engineering

ENGINEERING, HYDRAULIC see Hydraulic engineering

ENGINEERING, MECHANICAL see Mechanical engineering

ENGINEERING, MINING see Mining engineering

ENGINEERING, SANITARY see Sanitary engineering

ENGINEERING DRAWING see Mechanical drawing

ENGINEERING GEOLOGY
Determining the elements of a sharply dipping stratum on the basis of the anomaly curve of the force of gravity. E. A. Mudretsova. Razved. i okhr. nedr 22 no. 9:32-36 My '56.
Engineering electric prospecting at a hydroelectric power construction site in the Georgian S. S. R. D. A. TSitsishvili. Trudy Inst. geofiz. AN Gruz. SSR 14:211-216 '56.
Geological services in the road-building industry. M. V. Studenetskii. Avt. dor. 19 no. 6:21 Je '56.
Mapping zones having varied fractured rock on the basis of borehole cores. B. I. Orekhov. Razved. i okhr. nedr 22 no. 5:39-42 My '56.

ENGINEERING GEOLOGY (Continued)

"Principles of geology for railroad builders." F. A. Nikitenko, Sh. M. Shnaider. Transp. stroi. 6 no. 6:32 Je '56.

Results of using the correlation method of refracted waves for solving some engineering geological problems. G. K. Tvaltvadze, G. I. Murusidze. Trudy Inst. geofiz. AN Gruz. SSR 13:141-147 '54.

Sag of loess strata in the Northern Caucasus. A. K. Larionov, V. P. Anan'ev. Dokl. AN SSSR 108 no. 2:309-312 My '56.

Using electric prospecting to solve some engineering geological problems. Sh. M. Chkhenkeli, D. A. TSitsishvili. Trudy Inst. geofiz. AN Gruz. SSR 13:105-117 '54.

ENGINEERING STANDARDS see Standards, Engineering

ENGINES

Modernized PD-10M starting motor. L. H. Haiduk. Mekh. sil'. hosp. 7 no. 9:9-10 S '56.

ENGINES—TESTING

Brakeless testing and characteristics of automobile and tractor carburetor engines when not coupled to a brake. N. S. Zhdanovskii. Shor. nauch. rab. LIMSKH 9:127-147 '53.

ENGLISH LANGUAGE

Ways to translate Russian single-unit sentences with indefinite and generalized subjects into English. K. A. Pobedimova. Uch. zap. 1 LGPIIIA no. 3:140-154 '56.

ENGLISH LANGUAGE—ADJECTIVE

Suffixal formation of adjectives in modern English. I. R. Gerbach. Uch. zap. Len. un. no. 180:119-171 '55.

ENGLISH LANGUAGE—ADVERB

Morphological development of English adverbs. E. V. Prokof'eva. Uch. zap. 1 LGPIIIA no. 3:55-60 '56.

ENGLISH LANGUAGE—GRAMMAR

Category of state in modern English. B. M. Lelkina. Uch. zap. Len. un. no. 180:223-253 '55.

ENGLISH LANGUAGE—HISTORY

Brunner, Karl. [A history of the English language. Translated from the German] Istoriia angliiskogo iazyka. Perevod s nemetskogo S. Kh. Vasil'evoi. Pod red. B. A. Il'isha. Moskva, Izd-vo inostrannoi lit-ry.
Vol. 2, 1956. 391 p.

ENGLISH LANGUAGE—NOUN

Semantic change in the possessive case of English nouns. S. P. Balashova. Uch. zap. 1 LGPIIIA no. 3:39-54 '56.

ENGLISH LANGUAGE—PREPOSITION

Aksenenko, B. N. [Prepositions of the English language] Predlogi angliiskogo iazyka. Pod red. i so vstup. stat'ei I. E. Antichkova. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 318 p.

ENGLISH LANGUAGE—STUDY AND TEACHING

Oral language in advanced classes. N. K. Liupersol'skaia. Inostr. iaz. v shkole no. 4:91-99 Jl-Ag '56.

ENGLISH LANGUAGE—SUFFIXES AND PREFIXES

Suffixal formation of adjectives in modern English. I. R. Gerbach. Uch. zap. Len. un. no. 180:119-171 '55.

ENGLISH LANGUAGE—SYNTAX

Concept of introductory constructions in the syntax of modern English. E. P. Sedun. Inostr. iaz. v shkole no. 4:11-16 Jl-Ag '56.

The demarcation of incomple, single-unit sentences in modern English. K. A. Meitsel'man. Uch. zap. 1 LGPIIIA no. 3:155-165 '56.

English complex sentences without coordinating conjunctions. S. N. Sakharova. Uch. zap. 1 LGPIIIA no. 3: 166-175 '56.

The English imagined direct speech unit in context. N. S. Bukhtiarova. Uch. zap. 1 LGPIIIA no. 3:126-139 '56.

Problem of the parenthetical element in a sentence based on English language material. R. L. Kovner. Uch. zap. 1 LGPIIIA no. 3:86-101 '56.

Visual training in the use of constructions in English with the meaning "isn't it"? Inostr. iaz. v shkole no. 4:100-101 Jl-Ag '56.

ENGLISH LANGUAGE—TERMS AND PHRASES

The English combination "to be over." L. O. Pipast. Uch. zap. 1 LGPIIIA no. 3:116-125 '56.

The place of detached adverbial phrases expressed by a prepositional phrase based on modern English language materials. K. IA. Petrovskaia. Uch. zap. 1 LGPIIIA no. 3:102-115 '56.

Some features of the adverbial phrase of manner within the sentence. V. V. Men'kova. Uch. zap. 1 LGPIIIA no. 3:75-85 '56.

ENGLISH LANGUAGE—TRANSLATIONS INTO RUSSIAN

Organizing a contest for the best literary translation. M. S. Zisman. Inostr. iaz. v shkole no. 4:126-127 Jl-Ag '56.

Terpigoreva, V. D., and S. D. Matveev. [Mining engineering; a textbook for translating mining engineering literature from English to Russian] Mining mechanical engineering. Gornaia mekhanika; uchebnoe posobie po perevodu s angliiskogo na russkii iazyk gornotekhnicheskoi literatury. Moskva, Ugletekhizdat.
Vol. 3. 1956. 326 p.

ENGLISH LANGUAGE—VERB

Development of English copulative verbs meaning "to become." T. M. Beltaeva. Uch. zap. 1 LGPIIIA no. 3: 27-38 '56.

The meaning and use of progressive forms in 17th century English. L. P. Vinokurova. Uch. zap. 1 LGPIIIA no. 3:61-74 '56.

Transitiveness and intransitiveness of verbs in modern English. V. N. Zhigadlo. Uch. zap. Len. un. no. 180: 209-222 '55.

ENGLISH LANGUAGE—WORD FORMATION

Words with a simplified morphological composition in modern English. N. N. Amosova. Uch. zap. Len. un. no. 180:90-118 '55.

ENGLISH NEWSPAPERS

"The Times" in English political life ("Geoffrey Dawson and our times" [in English]. John Evelyn Wrench. Reviewed by S. Madzoevskii). Mezhdunar. zhizn' no. 6: 147-151 Je '56.

ENGLISH PERIODICALS

A laborite journal on the unity of the labor movement. E. Cherniak. Novyi mir 32 no. 6:264-266 Je '56.

ENGRAVING

Problems in engraving. V. Kasiian. Iskusstvo 19 no. 3:25-26 '56.

ENSILAGE
(see also subdivision under Rumania)

Chemical preservation of feeds in the U. S. S. R. and abroad. P. I. Rimsha. Zhivotnovodstvo no. 6:51-55 Je '56.

Ensiling corn by machinery. A. H. Toropov. Mekh. sil'. hosp. 7 no. 6:6-7 Je '56.

Ensiling ear corn. S. IA. Zafren. Svinovodstvo no. 4: 22-25 Je '56.

Ensiling feed in surface silos. P. G. Karaerov. Sovkhoz. proizv. no. 9:53-57 Ag '56.

High-quality feed is the best prophylactic measure. V. A. Alikaev. Veterinariia 33 no. 7:80-85 Jl '56.

Laying in the feed supply in bad weather. L. Nikolaeva. Blok. agit. no. 24:44-46 Ag '56.

Operating ensilage harvesters in the Zaobskaya Machine-Tractor Station. N. Kubrak. MTS 16 no. 7:26-27 Jl '56.

Self-feeding of silage. F. Tiflei. Kolkh. proizv. 16 no. 6:45 Je '56.

Silage hoist. S. H. Luchkevych. Mekh. sil'. hosp. 7 no. 7:30-31 Jl '56.

Silage should consist of one component only. M. Brin. Kolkh. proizv. 16 no. 6:45 Je '56.

Surface ensilage of clover. A. Konovalov. Kolkh. proizv. 16 no. 6:31 Je '56.

Surface ensilage of feed. S. Zafren. Kolkh. proizv. 16 no. 6:29-30 Je '56.

Surface ensilage of wild grasses. P. Oparin. Kolkh. proizv. 16 no. 6:30-31 Je '56.

Zubrilin, A. A. [Ensiling forage crops] Silosovanie kormovykh kul'tur. Moskva, Izd-vo "Znanie," 1956. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnyk znanii. Ser. 5, no. 23)

ENTROPY

Entropy of thermodynamic systems. R. G. Gevorkian. Trudy MATI no. 26:71-99 '55.

ENZYMES

Biochemistry of the mammary gland. Part 2. Activity of mammary gland enzymes in blood. I. P. Okhrimenko. Ukr. biokhim. zhur. 22 no. 2:205-214 '50.

Data on the experimental studies of muscular distrophy. Part 2. Creatine and carnosine contents and activity of adenosinetriphosphatase and phosphopherase in muscle of rabbits. A. IA. Mestechkina. Ukr. biokhim. zhur. 22 no. 2:168-175 '50.

Enzyme secreting processes in the intestines of newborn children. L. S. Fomina. Vop. med. khim. 2 no. 2:109-114 Mr-Ap '56.

Potassium as a regulator of enzymatic processes in plants. Report no. 2: Some features of enzyme distribution in pea sprouts. A. P. Shcherbakov. Trudy Inst. fiziol. rast. 6 no. 1:180-192 '48.

Relation of action to adenosinetriphosphate-creatinephosphorase. E. T. Soreni, R. H. Dehtiar. Ukr. biokhim. zhur. 22 no. 2:135-143 '50.

EOSINOPHILES

Observations of eosinophilia in some forms of dermatosis. I. IA. Markin. Vest. ven. i derm. no. 3:54 My-Je '56.

EPIC LITERATURE see subdivision under Tajikistan

EPIC POETRY, ABKHAZIAN

The Abkhazian heroic epic. Kh. S. Bgazhba. Trudy Abkh. inst. iaz., lit. i ist. an. 26:233-247 '55.

EPIDEMIOLOGY

Clinical and epidemiological characteristic of a natural reservoir with two infections. B. L. Ugrimov, N. N. Solomin. Voen.-med. zhur. no. 4:54-59 Ap '56.

"Course in special epidemiology." V. A. Bashenin. Reviewed by P. N. Burgasov, N. S. Gurin. Voen.-med. zhur. no. 4:89-92 Ap '56.

"Course in special epidemiology." V. A. Bashenin. Reviewed by V. D. Belikova-Aldakova, V. N. Dodonov. Sov. med. 20 no. 6:92-95 Je '56.

EPIDEMIOLOGY—ABSTRACTS

Foreign literature. Zhur. mikrobiol. epid. i immun. 27 no. 7:120 Jl '56.

EPILEPSY

Investigating blood pressure and respiration in experimental epilepsy. V. V. Shatlapin, IE. A. Stunko. Fiziol. zhur. [Ukr.,] 1 no. 3:43-50 My-Je '55.

What a nurse should know about the epileptic and hysterical attacks. I. Z. Kopshitner. Med. sestra 15 no. 6: 9-12 Je '56.

What one should know about convulsions in epilepsy. A. K. Mikhailov. Med. sestra 15 no. 6:13-14 Je '56.

EPINEPHRIN see Adrenaline

EPITHELIUM

Effect of low temperatures on isolated epithelial cells of white mice and frogs. V. P. Troshina, V. A. Shturm. Biul. eksp. biol. med. 42 no. 7:63-66 Jl '56.

Experimental histological research on the epithelium in the anal region of rats. A. Zh. Blumberg. Biul. eksp. biol. med. 41 no. 6:70-73 Je '56.

Histogenesis of ectopic bone tissue formed under the influence of transitional epithelium. A. IA. Fridenshtein. Dokl. AN SSSR 108 no. 2:359-361 My '56.

EQUATIONS, DIFFERENCE see Difference equations

EQUATIONS, DIFFERENTIAL see Differential equations

EQUATIONS, INTEGRAL see Integral equations

ERGOSTEROL

Effect of ergosterin oxidation upon the stability of its protein complexes. G. A. Deborin. Dokl. AN SSSR 108 no. 4:680-682 Je '56.

ERIOMETER

Determining the dimensions of erythrocytes by the light diffraction method in connection with the biological effect of ionizing radiation. B. K. Lomazhikhin, G. M. Frank. Trudy Inst. biol. fiz. no. 1:270-287 '55.

ERIVAN—BALLET

"Sevan." Teatr 17 no. 6:141-142 Je '56.

ERIVAN—CHESS—TOURNAMENTS

With the chess players of Armenia. A. Akopian, V. Simagin. Shakh. v SSSR 33 no. 7:208-209 Jl '56.

ERIVAN—GEOLOGY, STRATIGRAPHIC

Main lithological and petrological features of middle Eocene deposits in the Erivan region. V. P. Asratian. Nauch. trudy Erev. un. 52:63-81 '55.

ERIVAN—STRAWBERRIES

Best strawberry varieties for the suburban lowlands near Erivan [in Armenian with summary in Russian]. O. N. Shaginian. Izv. AN Arm. SSR. Biol. i sel'khoz. naukl 9 no. 6:45-54 Je '56.

ERIVAN—THEATER

Sundukian Theater. Derenik Demirchian. Ogonek 34 no. 24:24 Je '56.

ERMAKOV, VASILII PETROVICH, 1845-1922

Vasilii Petrovich Ermakov. L. N. Gratsianskaia. Ist.-mat. issl. no. 9:607-690 '56.

EROSION

Controlling soil erosion. G. Presniakova. Kolkh. proizv. 16 no. 7:42-43 Jl '56.

Research work on controlling soil erosion. Vest. AN SSSR 26 no. 8:83-84 Ag '56.

Study of eroded forms of the relief by the experimental method. E. A. Nefed'eva, N. V. Khmeleva. Trudy Inst. geog. 66:5-36 '56.

EROSION—BIBLIOGRAPHY see Bibliography—Erosion

EROSION—CONGRESSES

Interdepartmental conference on erosion control. G. Presniakova. Pochvovedenie no. 4:99-102 Ap '56.

ERSHOV, ALEKSANDR STEPANOVICH, 1818-1867

Professor A. S. Ershov. V. I. Prokof'ev. Trudy Inst. ist. est. i tekh. 8:209-229 '56.

ERYSIMUM

Effect of erysimine on cardiovascular insufficiency. N. I. Solomchenko. Sov. med. 20 no. 6:57-61 Je '56.

ERYTHROCYTES
Determining the dimensions of erythrocytes by the light diffraction method in connection with the biological effect of ionizing radiation. B.K.Lemazhikhin, G.M. Frank. Trudy Inst. biol. fiz. no. 1:276-287 '55.
Distribution of glutamine between erythrocytes and blood plasma under normal conditions and in hypoxemia. A.I. Sylakova, K. H. Kharkevych. Ukr. biokhim. zhur. 23 no. 4:398-406 '51.
Effect of temperature on low- and high-frequency electric conductivity of blood and its connection with the structure of erythrocytes. K.S. Trincher. Biofizika 1 no. 2: 113-119 '56.
Transfusion of erythrocytes in isosensibilized newborn infants. R.S. Mirsagatova, B.I. Matorova. Vop. okh. mat. i det. 1 no. 3:13-15 My-Je '56.
Using the radioactive isotope method for studying the intensity of phosphorus metabolism of erythrocytes in tuberculosis. Kh. K. Norman. Vest. rent. i rad. 31 no. 3:3-6 My-Je '56.

ESCHERICHIA COLI
Resistance of Shigella paradysenteriae and Escherichia coli to synthomycin. A.V. Levina. Vop.okh. mat. i det. 1 no. 2:43-45 Mr-Ap '56.
Role of Escherichia coli in the origin of gastrointestinal diseases in children of early age. V.P. Davydov. Vop. okh. mat. i det. 1 no. 2:17-24 Mr-Ap '56.
Role of indole formation by Escherichia coli in its antagonism for Salmonella typhosa. M.O. Shvaikor. Mikrobiol. zhur. 9 no. 4:46-51 '48.

ESKIMO DOGS
Why have the Eskimo dogs been neglected? I. Uraev. Okh. i okh. khoz. no. 7:36 Jl '56.

ESOPHAGUS—SURGERY
Gorki. Gor'kovskii gosudarstvennyi meditsinskii institut. [Problems in the surgery of the stomach and esophagus] Voprosy khirurgii zheludka i pishchevoda. Pod red. E.L. Berezova. Gor'kii, 1956. 467 p. (DAFM)
A newborn's life was saved. V. Kurganov. Ogonek 34 no. 24:16 Je '56.

ESSENCES AND ESSENTIAL OILS
Camphor laurel as a national source of safrole. U.V. Volkhovskaia. Masl.-zhir. prom. 22 no. 4:14-15 '56.

ESTERIFICATION
Esterification in presence of boric acid and the synthesis of its esters. V.K. Kuskov, V.A. Zhukova. Izv. AN SSSR. Otd. khim. nauk no. 6:733-738 Je '56.

ESTHETICS see Aesthetics

ESTONIA—FARM EQUIPMENT
In the area served by the Poltsamaa Machine-Tractor Station. A. Starova. MTS 16 no. 7:34-36 Jl '56.

ESTONIA—HORSE BREEDING
Estonian State Stable. H. Koppel. Konevodstvo 20 no. 9: 22-25 S '56.

ESTONIA—JOURNALISM
Current operations or an obsession with campaigns? M. Veisman. Sov. pech. no. 6:12-13 Je '56.

ESTONIA—MINERAL WATERS
Prospects of obtaining mineral waters in the Estonian S.S.R. A.I. Verte. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:60-62 Ja-Mr '56.

ESTONIA—PHYTOGEOGRAPHY
Botanical expedition in the Estonian S.S.R. G.S. Sabardina. Bot. zhur. 41 no. 4:616-617 Ap '56.

ESTONIA—POULTRY HATCHERIES
In Estonian and Latvian hatcheries. Ptitsevodstvo 6 no. 6:45 Je '56.

ESTONIA—SCABIES
Fox mange in the Estonian S.S.R. [with English summary in insert]. Kh. I. Ling. Zool. zhur. 35 no. 7:1072-1083 Jl '56.

ESTONIA—STOCK AND STOCKBREEDING
In the area served by the Poltsamaa Machine-Tractor Station. A. Starova. MTS 16 no. 7:34-36 Jl '56.

ESTONIA—STUDENTS
Festival of student friendship. N. Khrabrova. Ogonek 34 no. 31:14 Jl '56.

ESTONIA—SWINE BREEDS
Valuable strain of bacon-type swine. V.E. Laanmäe. Zhivotnovodstvo no. 6:41-45 Je '56.

ESTRUS
Histophysiological changes in the genital tract in mammals during estrus. Report no. 2: Morphophysiological changes in sperm in the genital tract of the female. A.V. Dokukin. Biul. eksp. biol. med. 42 no. 7:61-63 Jl '56.

ETHANE
Dehydrochlorination of di- and monochloralkylalkane chlorides. Rearrangement of 1, 2-bis-(trichlorosilyl) chloroethane during the dehydrochlorination with aluminum chloride. A.D. Petrov, V.F. Mironov, D. Mashantsker. Izv. AN SSSR. Otd. khim. nauk no. 5:550-558 My '56.
Kinetics and mechanism of the decomposition of hydrocarbons. Part 1. Cracking of ethane initiated by additions of azomethane (with English summary in insert). A.D. Stepukhovich, E.G. Kaplan. Zhur. fiz. khim. 30 no. 4:928-933 Ap '56.
Kinetics of the oxidation of ethane in presence of hydrogen bromide. M.F. Sedova, N.M. Emanuel'. Izv. AN SSSR. Otd. khim. nauk no. 6:650-657 Je '56.

ETHANOL
Effect of di- and triethanol amines on auto-oxidation of fats [with English summary in insert]. G.V. Kamalian, S.M. Arakelian. Biokhimiia 21 no. 3:313-316 My-Je '56.
Purification of water gas by triethanolamine. K.I. Lopatin and others. Masl.-zhir. prom. 22 no. 4:12-13 '56.

ETHERS
Continuous saponification of boric ethers of higher fatty alcohols with simultaneous extraction and regeneration of boric acid. N.I. Gol'perin, K.N. Solopenkov. Khim. nauka i prom. 1 no. 3:324-331 '56.
Synthesis and properties of polyatomic phenol ethers. P.I. Sanin, A.V. Ul'ianova. Dokl. AN SSSR 109 no. 2: 274-276 My '56.
Synthesis of silicon-containing ethers and diethers. S.I. Sadykhzade, I.I.TSetlin, A.D.Petrov. Zhur. ob. khim. 26 no. 5:1239-1243 My '56.

ETHICS, PRACTICAL see Conduct of life

ETHNOLOGY
(see also subdivision under Lechkhumi Range)
Ethnographic conference. Nauka i zhizn' 23 no. 7:34 Jl '56.

ETHYLAMINE
The effect of B-mercaptoethylamine (hecaptan) on blood circulation and some functions of the central nervous system. I.I. Baryshnikov, V.I. Generalov, E.A. Mukhin. Farm. i toks. 19 no. 3:53-59 My-Je '56.

ETHYLENE
Addition of $CH_3SiHCl_2$ and $C_2H_5SiHCl_2$ to vinyl chloride, perfluorovinyl chloride, and tetrafluoroethylene. V.A. Ponomarenko, B.A. Sokolov, A.D. Petrov. Izv. AN SSSR. Otd. khim. nauk no. 5:628-630 My '56.
Kinetics of the oxidation of ethylene to ethylene oxide on a silver catalyst. M.IA. Rubanik, IU.O. Snihurova'ka, M.A. Piontkova'ka. Dop. AN URSR no. 2:37-40 '49.
Plastic flow of polyvinylchloride under the action of large forces. V.A. Kargin, T.I. Sogolova. Dokl. AN SSSR 109 no. 4:802-804 Je '56.
Present state and future possibilities in the development of polyethylene manufacture. N.M. Egorov. Khim. nauka i prom. 1 no. 3:313-316 '56.
State of the manufacture of unsaturated gaseous hydrocarbons and the synthesis of ethyl alcohol by direct hydration of ethylene. M.A. Dalin. Khim. nauka i prom. 1 no. 3:250-272 '56.
Thermal conversion of tetrachloroethylene at super-high pressures. M.G. Gonikberg, V.M. Zhulin, V.P. Batuzov. Izv. AN SSSR. Otd. khim. nauk no. 6:730-732 Je '56.

ETHYLENIMINE
Phosphororganic ethylenimine derivatives. Report n Interaction of ethylenimine with dialkylphosphoryl chlorides. N.P. Grechkin. Izv. AN SSSR. Otd. khim nauk no. 5:538-543 My '56.

ETIQUETTE
How to act in society. G. Puzis. Sem'i no. 7:9-11 Jl '56.
How to behave at a party. G. Puzis. Ra 9:22-24 S '56.

EUCALIPTUS see subdivision under Blac

EUCHARIST see Lord's Supper

EUCOMMIA
Fusarium in eucommia. IA. I. Korbonsk Tadzh. SSR no. 12:69-64 '54.

EURATOM (PROPOSED)
France and Euratom. Mezhdunar. zhizi Ag '56.

EUROPE—ARCHAEOLOGY
In the Institute of the History of Materia of the Czech archaeologist, J. Bem). 20 no. 7:81 Jl '56.

EUROPE—ATOMIC POWER
Prospects for atomic development in Eu chanov. Nov. vrem. 14 no. 31:7-11 J

EUROPE—ATOMIC POWER INDUSTRY
Conference of six ministers in Venice. Mezhdunar. zhizn' no. 7:115-116 Jl '56.

EUROPE—COMMERCE
Results of the 11th session of the U.N. Economic Commission for Europe [with summary in English, p. 31]. V. Alkhimov. Vnesh. torg. 26 no. 7:3-7 Jl '56.

EUROPE—DESCRIPTION AND TRAVEL
Around Europe. V. Iordanskii. Nov. vrem. 14 no. 30: 19-24 Jl '56.

EUROPE—TRACK ATHLETICS
Track athletics season in indoor stadiums of Europe and U.S.A. B. L'vov. Leg. atl. no. 5:30-31 My '56.

EUROPE, EASTERN—BIBLIOGRAPHY see Bibliography—Europe, Eastern

EUROPE, EASTERN—CITIES AND TOWNS
Towns that have not been on the map. I. Livanov. Blok. agit. vod. transp. no. 14:33-43 Jl '56.

EUROPE, EASTERN—DESCRIPTION AND TRAVEL
Vorob'ev, Evgenii. [Facing the sun; travel sketches] Litsom k solntsu; putevye ocherki. Moskva, Sovetskii pisatel', 1956. 326 p.

EUROPE, EASTERN—ECONOMIC CONDITIONS
"Economic development in the European people's democracies." Reviewed by I. Dudinskii. Nov. vrem. 14 no. 33:29-32 Ag '56.
Survey of the carrying out of state plans for the development of the national economies of the European people's democracies. Vest. stat. no. 3:87-90 My-Je '56.

EUROPE, EASTERN—FOREIGN RELATIONS—GERMANY, WEST
Reprimands don't help. Nov. vrem. 14 no. 33:10 Ag '56.

EUROPE, EASTERN—INDUSTRIES
Towns that have not been on the map. I. Livanov. Blok. agit. vod. transp. no. 14:33-42 Jl '56.

EUROPE, EASTERN—SOCIAL CONDITIONS
The indestructibility of free peoples' social conquests. I. Il'inskii, IA. Shavrov. Mezhdunar. zhizn' no. 8:85-95 Ag '56.

EUROPE, WESTERN—AGRICULTURAL EXTENSION WORK
Relation between agricultural extension work and science in western European countries. V.M. Litvin. Nauka i perod. op. v sel'khoz. no. 6:91-92 Je '56.

EUROPE, WESTERN—ARCHITECTURE—DESIGNS AND PLANS
The problem of the role of plans in building practice in medieval western Europe. V.P. Zubov. Trudy Inst. ist. est. i tekh. 7:233-250 '56.

EUROPE, WESTERN—CONCERTS
Central Europe in the summer of 1956. L. Bezymenskii. Nov. vrem. 14 no. 33:22-25 Ag '56.

EUROPE, WESTERN—CONCRETE CONSTRUCTION
Coarse porous concrete practice abroad. B.G. Skramtaev. Bet. i zhel.-bet. no. 7:253-256 Jl '56.

EUROPE, WESTERN—CRANES, DERRICKS, ETC.
Modern gantry cranes in west European ports. P. Samoilovich. Mor. flot 16 no. 6:29-32 Je '56.

EUROPE, WESTERN—ECONOMIC CONDITIONS
Report of Louis Saillant, General Secretary of the World Federation of Trade Unions, on economic conditions in

EURYGASTERS

Attempts to determine invasion characteristics of Eurygaster integroceps [with English summary in insert]. K. V. Arnol'di. Zool. zhur. 35 no. 7:990-1003 Jl '56.

EVALUATION OF DISABILITY see Disability evaluation

EVAPORATING APPLIANCES

Modification of evaporators in state district power stations. L. S. Sterman. Prom. energ. 11 no. 5:22-23 My '56.

EVAPORATION

Evaporation of hot liquid droplets. V. A. Fedoseev, D. I. Polishchuk. Zhur. tekh. fiz. 26 no. 7:1509-1518 Jl '56.

Investigating the process of evaporation of heavy cylinder oils. A. I. Piskunova. Khim. i tekh. topl. no. 4:50-55 Ap '56.

EVENING AND CONTINUATION SCHOOLS
(see also subdivision under Zhdanov)

Some aspects of the work of a school for working youth. I. H. Zlochevs'kyi. Rad. shk. 35 no. 5:32-36 My '56.

Some aspects of work in the evening division. B. A. Charyshev, P. I. IAnkevich. Sred. spets. obr. no. 6:31-38 Je '56.

Urgent questions of evening school education. Sred. spets. obr. no. 7:3-6 Jl '56.

EVERGREENS see subdivision under Tiflis

EVIDENCE (LAW)

Min'kovskii, G. M. [The limits of evidence in Soviet criminal procedure] Predely dokazyvaniia v sovetskom ugolovnom protsesse. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 114 p.

EVIDENCE, CIRCUMSTANTIAL

Circumstantial evidence in Soviet criminal procedure. G. M. Min'kovskii. Uch. zap. VIIUN no. 4:78-108 '55.

EVOLUTION

How to religious dogmas. G. V. Platonov. Nauka i zhizn' 23 no. 6:37-40 Je '56.

EXAMINATIONS

Are transfer and course examinations in pedagogical schools necessary? M. N. Liubimtsev. Sred. spets. obr. no. 8:54-55 Ag '56.

EXANTHEMATA

Limited recurrent bullous eruptions in patients with pronounced porphyrinuria. V. A. Laptev, I. N. Vedrova. Vest. ven. i derm. no. 3:15-18 My-Je '56.

EXCAVATING MACHINERY
(see also subdivision under Stavropol)

Drag for excavation work. Sel'. stroi. 11 no. 7:28 Jl '56.

E-505 crane-excavator for loading logs. A. I. Leshkevich, A. E. Ratnovskii. Les. prom. 34 no. 7:5-11 Jl '56.

Excavators, ditch diggers and scrapers used abroad. N. A. Liashenko. Biul. stroi. tekh. 13 no. 6:35-40 Je '56.

Machinery for land improvement work. I. I. Mer. Gidr. i mel. 8 no. 8:44-55 Ag '56.

[Model E-2001 excavator] Ekskavator model' E-2001. Moskva, Vses. ob"edinenie mashinoeksport [n. d.] [14] p. [Parallel texts in Russian and English.]

Modifying the "P-5-35" plow for digging trenches. Sel'. stroi. 11 no. 5:22 My '56.

New types of pipe layers and rotor excavators. Stroi.

...shizn' 23

Physical culture therapy in diseases of the peripheral vessels of the type of thromboangiitis obliterans. D. N. Vilenskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:51-54 Ja-Mr '56.

EXHIBITIONS
(see also subdivision under Liubertsy; Shanghai)

At industrial and agricultural exhibitions. Nauka i zhizn' 23 no. 7:1-4 Jl '56.

EXHIBITIONS, AGRICULTURAL see Agricultural exhibitions

EXPANSION (HEAT)

Heat expansion of metals as a control parameter in spot welding of duralumin. IU. A. Pechentsev. Avtom. svar. 9 no. 3:65-71 My-Je '56.

Thermal expansion of silicon and its iron alloys. P. V. Gel'd, N. N. Serebrennikov, P. M. Sokharev. Fiz. met. i metalloved. 2 no. 2:244-253 '56.

EXPEDITIONS, ANTARCTIC see Antarctic regions

EXPERIMENTAL MEDICINE see Medicine, Experimental

EXPLORATION OF THE DEEP-SEA SOUNDING see Deep-sea sounding

EXPLORERS, GEORGIAN

Maruashvili, L. I. [Vakhushti Bagrationi; his predecessors and contemporaries; geographical works and travels] Vakhushti Bagrationi, ego predshestvenniki i sovremenniki; geograficheskie trudy i puteshestviia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. p. 135.

EXPORT PREMIUMS

Export premiums [with summary in English, p. 32]. E. Menzhinskii. Vnesh. torg. 36 no. 7:24-28 Jl '56.

EXTREMITIES (ANATOMY)—WOUNDS AND INJURIES

Intraosseous anesthesia in gunshot wounds of the limbs. R. I. Murazian. Voen.-med. zhur. no. 6:37-41 Je '56.

EYE

Plethysmography of the eyeball. A. L. IArbus. Biofizika 1 no. 3:242-244 '56.

EYE—ACCOMMODATION AND REFRACTION

Anatomico-optical principle of studying eye refraction. A. I. Dashevskii. Oft. zhur. 11 no. 1:35-41 '56.

Changes in the refraction in aviation school students. A. P. Chekanov. Voen.-med. zhur. no. 9:55-56 S '55.

Classification of the forms of spherical refraction. A. A. Malinovskii. Oft. zhur. 11 no. 1:42-50 '56.

EYE—DISEASES AND DEFECTS

Changes in the eyes in goiter. T. N. Gerasimenko. Oft. zhur. 11 no. 1:55-56 '56.

Clinical diagnosis and treatment of diphtheria of the eyes in children. V. S. Kazarin. Vop. okh. mat. i det. 1 no. 4:7-13 Jl-Ag '56.

Ophthalmomyiasis. I. V. Bugaeva. Oft. zhur. 11 no. 1:59-60 '56.

Producing keratitis and conjunctivitis in dogs by introducing preparations of Dictamnus Turczestanicus Wint. growing in Kazakhstan. I. I. Sivertsev, F. D. Dzhumagalieva. Trudy Inst. fizol. AN Kazakh. SSR 1:13-22 '56.

Reasons for visual disorders in prolonged accelerations. V. V. Usachev. Voen.-med. zhur. no. 4:19-21 Ap '56.

Role of the Botian antigen in eye diseases. O. Palics-Szanto. Translated from the German by F. I. IUzefova. Oft. zhur. 11 no. 1:29-34 '56.

Syndrome of microphakia and spherophakia combined with brachydactylia. V. O. Mazina. Oft. zhur. 11 no. 1:59 '56.

Visual functions in patients with late aftereffects from brain and skull injuries. T. I. Samsonova. Oft. zhur. 11 no. 1:11-14 '56.

EYE—FOREIGN BODIES

"Glass and stone splinters in the eye." M. B. Chutko. Reviewed by I. E. Barbel'. Oft. zhur. 11 no. 1:60-61 '56.

X-ray detection of foreign bodies within the eye according to Professor M. M. Baltin's method (face upward). L. IA. Itsikson. Oft. zhur. 11 no. 1:8-11 '56.

EYE—INFLAMMATION

Prevention of photo-ophthalmia when using ultraviolet rays for lighting. N. M. Dantsig, A. P. Zabalueva. Oft. zhur. 11 no. 1:26-29 '56.

EYE—INNERVATION

Experimental data on the reflex regulation of the tonus of the eye. M. M. Zaiko, S. M. Mints. Fiziol. zhur. [Ukr.] 1 no. 2:78-85 Mr-Ap '55.

EYE—MOVEMENTS

Movements of the eye during the perception of images of stereoscopic motion pictures. A. L. IArbus, N. L. Gol'tsman. Trudy Inst. biol. fiz. no. 1:172-177 '55.

Movements of the eye during the shifting of fixation points. A. L. IArbus. Trudy Inst. biol. fiz. no. 1:162-165 '55.

Movements of the eye in achromates. A. L. IArbus. Trudy Inst. biol. fiz. no. 1:166-171 '55.

EYE—SURGERY

Advice to oculists in the country. S. F. Kal'fa. Oft. zhur. 11 no. 1:61 '56.

Experimental expulsive hemorrhage. V. P. Filatov, L. F. Linnik. Oft. zhur. 11 no. 1:3-4 '56.

EYE—TUMORS

Advice to oculists in the country. S. F. Kal'fa. Oft. zhur. 11 no. 1:61 '56.

EYE—WOUNDS AND INJURIES
(see also subdivision under Ichnya District)

Bactericidal properties of coal which causes eye injuries in blast accidents in miners. L. B. Zats. Oft. zhur. 11 no. 1:4-6 '56.

Eye injuries in some groups of agricultural workers and its prevention. A. I. Bykova. Oft. zhur. 11 no. 1:21-24 '56.

Lesions of the eyes induced by penetrating radiation. B. L. Politk. Voen.-med. zhur. no. 9:13-16 S '55.

Penetrating eye wounds. V. A. Paneva, V. I. Kokrialskaia. Oft. zhur. 11 no. 1:14-17 '56.

Penicillin treatment for perforating wounds of the eyes, complicated by pyogenic infection. I. F. Verol'ov. Oft. zhur. 11 no. 1:24-26 '56.

EYELIDS—DISEASES

Combined gramicidin and sulfonilamide therapy for blepharitis. I. E. Ksenzenko. Voen.-med. zhur. no. 4:65-66 Ap '56.

Synthomycin therapy for blepharitis and conjunctivitis. P. A. Mil'rud. Voen.-med. zhur. no. 4:64-65 Ap '56.

FACE—DISEASES

Local neurological disorders and modifications of the optic nerve in angioneurotic disorders (Quincke's edema). B. S. Vilenskii. Zhur. nevr. i psikh. 56 no. 7:536-539 '56.

FACE—SURGERY

Treatment of chronic inflammatory diseases of the skin and subcutaneous cellular tissue by surgical removal of the inflammatory focus. P. I. Vakhrameev. Voen.-med. zhur. no. 6:81 Je '51.

FACIAL NEURALGIA see Neuralgia, Facial

FACTORIES—DESIGN AND CONSTRUCTION

"Norms and specifications for planning factory buildings of industrial enterprises." Biul. stroi. tekh. 13 no. 6:22-23 Je '56.

Overall dimensions for all-purpose industrial buildings of principal and auxiliary shops of machinery construction plants. IA. IA. Driving, N. V. Malinin. Biul. stroi. tekh. 13 no. 7:4-9 Jl '56.

Standard plans for precast concrete factories and plants. P. V. Nikitin, V. S. Il'ichev. Bot. i zhel.-bet. no. 7:229-231 Jl '56.

Unified construction parameters and dimensions for shop buildings of steel plants. M. G. Kostiukovskii, N. S. Dobromyslov, N. A. Ushakov. Stroi. prom. 34 no. 7:27-30 Jl '56.

FACTORIES—HEATING AND VENTILATION

Baturin, V. V. [Principles of factory ventilation] Osnovy promyshlennoi ventiliatsii. Izd. 2-oe, dop. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 526 p.

FACTORS (ALGEBRA)

Teaching the subject "factoring." T. N. Denisova. Mat. v shkole no. 4:19-23 Jl-Ag '56.

FACTORY AND TRADE WASTE

Recovery of metallic gold from industrial wastes by means of synthetic resins. A. B. Davankov, V. M. Laufer. Zhur. prikl. khim. 29 no. 6:952-955 Je '56.

FACTORY MANAGEMENT

Characteristics of production scheduling in foundry shops. L. M. Lipkind. Trudy LIEI no. 8:78-92 '54.

A feeling for the new and the party loyalty in the work of managers. Part. zhizn' no. 13:64 Jl '56.

Improving assembly-room operations in a shipbuilding plant. F. I. Ostashevich. Sudostroenie 22 no. 5:40-42 My '56.

Methods for the selection and apportionment of machine parts to be manufactured by specialized divisions on the basis of the classification of production. V. A. Petrov. Trudy LIEI no. 8:34-44 '54.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956

Aleksandr Fadeev; obituary. Sov. Soiuz no. 6:4 Je '56.

In connection with the death of A. Fadeev. Nov. Kor. no. 6:41 Je '56.

In memory of A. A. Fadeev. Konstantin Simonov. Novyi mir 32 no. 6:3-6 Je '56.

In memory of A. A. Fadeev. Neva no. 6:3-4 Je '56.

Romanenko, D. I. [Aleksandr Fadeev; a critical and biographical sketch] Aleksandr Fadeev; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 189 p.

FAIRS see subdivision under Poznan

FALLOUT, RADIOACTIVE see Radioactive fallout

FANNING MILLS
Grain thresher and winnower for breeding work. S. A. Zakharchenko. Sel. i sem. 21 no. 2:60-62 '56.

FANS, MECHANICAL
Blower for movable pneumatic grain-handling equipment. M. Laskin. Muk.-elev. prom. 22 no. 5:20-21 My '56.
Conference on improving the quality of ventilators used for sanitary engineering purposes. Ved. i san. tekh. no. 5:38-39 My '56.
Fan with an impactless blade inlet. I. P. Dik. TSvet. met. 29 no. 6:66-69 Je '56.
Hydraulic resistances in exhaust ventilators. S. N. Sviatkov. Der. prom. 5 no. 6:14-15 Je '56.
Louvers for axial fans. A. Karpulia. Khol. tekh. 33 no. 2:63 Ap-Je '56.

FAR EAST, SOVIET see Soviet Far East

FARM BUILDINGS
(see also subdivision under Bashkiria; Kiev Province; Oshmyany District; Rostov Province; Sweden)
Construction on the "Ideia Lenina" Collective Farm. K. Belenov. Sel'. stroi. 11 no. 5:7 My '56.
Construction work on state fur farms in 1956. P. F. Vokhlakov, V. F. Agapov. Kar. i zver. 9 no. 3:24-31 My-Je '56.
Cooperative construction work on state farms. D. E. Shibaev. Sovkhoz. proizv. no. 6:30-32 Je '56.
Derelization of farm animal houses. M. IA. Marvin. Veterinariia 33 no. 8:79-80 Ag '56.
Follow-up on our articles. Sel'. stroi. 11 no. 7:27 Jl '56.
Mechanized grain-cleaning barn. G. Shall'. Tokhsov. MTS 17 no. 14:8-9 Jl '56.
More fireproof building materials for collective farm construction. N. Zakharov. Sel'. stroi. 11 no. 6:17 Je '56.
New standard plans for farm buildings. E. Minukhin. Sel'. stroi. 11 no. 7:11 Jl '56.
Our practice in building with clay and straw mortar. V. Shepulevich. Sel'. stroi. 11 no. 6:18-19 Je '56.
Standard building plans for livestock buildings published in gross lots in 1956. Sel'. stroi. 11 no. 5:3 of cover My '56.
The teaching manual "Agricultural industrial buildings and installations." P. P. Arkhipov, N. V. Krylov. Reviewed by A. S. Konikov. Sred. spets. obr. no. 7:56-57 Jl '56.

FARM BUILDINGS—HEATING AND VENTILATION
(see also subdivision under Moscow Province)
Furnace heating in livestock buildings. N. Obednin. Sel'. stroi. 11 no. 5:16-19 My '56.

FARM CROPS see Field crops

FARM EQUIPMENT
(see also subdivision under Estonia; Kirovograd Province)
Automatic conveyor feeder for cattle. Sovkhoz. proizv. no. 7:76 Jl '56.
Methods for setting up the automatic watering of cows in enclosed pastures. M. P. IUrchenko. Mekh. sil'. hosp. 7 no. 9:25-26 S '56.
New methods of fastening automatic stock waterers. S. N. Mel'nikov. Mekh. sil'. hosp. 7 no. 7:29-30 Jl '56.
Single-rail track for hauling loads. I. Sovtsov. MTS 16 no. 7:45 Jl '56.

FARM LIFE
Brief news on cultural life. Mosk. kolkh. 6 no. 7:43 Jl '56.
Reconnaissance in the right direction. Vl. Kovalevskii. Sov. Ukr. 6 no. 7:152-160 Jl '56.

FARM MACHINERY see Agricultural machinery

FARM MANAGEMENT see subdivision under Bessonovka District

FARM MECHANIZATION
(see also subdivision under Polesye)
For new achievements in the mechanization and electrification of agriculture. Sbor. nauch. rab. LIMSKH 9:3-4 '53.
Machinery for the over-all mechanization of agricultural production. V. M. Kazanskii. Sovkhoz. proizv. no. 8: 67-72 Ag '56.
Mechanization is an important condition for increasing farm profitableness. V. A. Lebedenko. Sovkhoz. proizv. no. 8:60-66 Ag '56.
Over-all mechanization and reduction of the cost of grain production. G. A. Malekhon'kov. Sovkhoz. proizv. no. 7:8-13 Jl '56.
Over-all mechanization is a most important means in lowering production cost. V. A. Behma. Mekh. sil'. hosp. 7 no. 6:9-10 Je '56.

FARM MECHANIZATION—STUDY AND TEACHING
(see also subdivision under Azov; Krodenets; Odessa)
Jacks-of-all-trades. A. Pominov. Mol. kolkh. 23 no. 6:8 Je '56.
Malaya Yelizavetinskaya. K. Cherovkov. Ogonek 34 no. 33:20-21 Ag '56.
Practical laboratory work in the mechanization and electrification of agriculture. V. F. Labunskii. Sred. spets. obr. no. 6:10-14 Je '56.
Practical training of agricultural mechanics. M. M. Gertsmann, S. D. TSymbal. Sred. spets. obr. no. 6:14-17 Je '56.
They will operate machines. V. Leonov. Mol. kolkh. 23 no. 6:16-17 Je '56.

FARM PRODUCE
Development of fruit and vegetable supply areas. E. Rudakova. Sots. sel'khoz. 27 no. 5:75-84 '56.
Pay more attention to the procurement of farm products. G. Demin, V. Speranskii. MTS 16 no. 7:20-21 Jl '56.

FARM PRODUCE—ACCOUNTING
Accounting and bookkeeping for state procurement and purchases of agricultural products. Z. Tresorukova. Vest. stat. no. 2:66-77 Mr-Ap '56.

FARM PRODUCE—COSTS
Method of calculating cost of production on collective farms. V. Slobodin, E. Fishman. Sots. sel'khoz. 27 no. 5:53-65 '56.
Production costs on collective farms. F. D. Pozdnokhyrin. Sots. tvar. 28 no. 8:7-10 Ag '56.
Reduce state costs on each centner used as payment in kind. M. M. Shnukalo. Mekh. sil'. hosp. 7 no. 8:8-9 Ag '56.

FARM PRODUCE—MARKETING see subdivision under Ukraine

FARM PRODUCE—TAXATION
What ensured fulfillment of the plan ahead of schedule. Z. Kosareva. Fin. SSSR 17 no. 7:68-70 Jl '56.

FARM PRODUCE—TRANSPORTATION
Centralize the haulage of farm produce. IA. Mazorov. Avt. transp. 34 no. 6:8-10 Je '56.
For model transport of the 1956 harvest. Avt. transp. 34 no. 6:1-3 Je '56.

FARMHOUSES
Problems of standardizing and mass producing rural housing construction. A. Aksel'rod. Arkhit. SSSR no. 6: 17-24 '56.

FARMING see Agriculture

FASHION
(see also subdivision under Bulgaria; China; France)
Dress handsomely. L. Blasmortnaia. Rab. i sial. 32 no. 9:16-17 S '56.
Dress nicely. L. Efremova. Mol. kolkh. 23 no. 7:31 Jl '56.
Dresses for the summer. Ogonek 34 no. 25:32 Je '56.
English fashion. Ogonek 34 no. 27:28 Jl '56.
Fashions. Krest'ianka 35 no. 7:31 Jl '56.
Fashions. Mol. mira no. 4:4 '56.
Fashions. Rab. i sial. 32 no. 6:3 of cover Je '56.
Fashions. Rad. zhin. 11 no. 7:31 Jl '56.
Fashions. Sov. Soiuz no. 6:3 of cover Je '56.
Fashions. Sov. Soiuz no. 7:36 Jl '56.
Fashions. Sov. zhen. 12 no. 8:42-44 Ag '56.
[Fashions of the season; autumn - winter, 1956/1956] Modeli sezona; osen'-zima 1956-56 g. [Moskva] Glavlegprom [n. d.] 21 p.
Let us speak about fashion. O. Sierova, N. Kalashnikova. Ukraina no. 15:31 Ag '56.
Plain and elegant. L. Efremova. Sov. zhen. 12 no. 10: 42-44 O '56.

FASTENINGS
Metallic cleats for fastening wire to concrete foundations. E. G. Korobova. Prom. energ. 11 no. 6:33-34 Je '56.

FASTOV—WALL NEWSPAPERS
"Newspaper for parents" at a factory. I. K. Karas'. Rad. shk. 35 no. 7:41-46 Jl '56.

FATH 'ALĪ, ÂKHŪND-ZĀDA, 1812-1878
First translations of M. F. Akhundov's comedies into the German language. B. L. Kandel'. Sov. vostokoved. no. 3:138-140 '56.

FATIGUE
Changes in the capacity for muscular work in people of various ages during and after static work. O. F. Makeymova. Fiziol. zhur. [Ukr.] 1 no. 1:91-97 Ja-F '55.
Changes in the secretory function of salivary glands in connection with fatigue and restoration. R. S. Zlatin. Fiziol. zhur. [Ukr.] 1 no. 1:70-75 Ja-F '55.
Characteristics of active relaxation during dynamic work. I. M. Trakhtenberg, I. V. Savyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 1:76-82 Ja-F '55.
Effect of mental and physical fatigue on the oxidation of blood in man. G. E. Viller, N. A. Tolokova. Dokl. AN Tadzh. SSR no. 2:69-71 '58.
Morphological changes in different sections of the spinal arc. D. K. Mihunova. Fiziol. zhur. [Ukr.] 1 no. 1: 109-114 Ja-F '55.

FATS
Effect of di- and triethanol amines on auto-oxidation of fats [with English summary in insert]. G. V. Kamalian, S. M. Araksian. Biokhimiia 21 no. 3:313-316 My-Je '56.
Emulsion method for the determination of fats in the food. V. P. Fedotov. Vop. pit. 15 no. 4:51-52 Jl-Ag '56.

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Baikal, Lake

FEAR
Childhood fear. T. Simeon. Sem'ia i shkola 11 no. 7: 14-15 Jl '56.

FEATHERS
Effect of supplementary sulfur feeding of chickens on the growth of feathers. V. K. Baumanis. Ptitsevodstvo 6 no. 8:38-39 Ag '56.

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-
Problem of art and the revolution in K. A. Fedin's novels "First joys" and "Unusual summer." TS. S. Karasik. Dop. ta pov. L'viv. un. no. 3, pt. 1:6-9 '52.

FED'KOVYCH, IURII, 1834-1888
Analyze literary style more profoundly ("IUrii Fed'kovych." M. P. Pyvovarov. Reviewed by Stepan Pinchuk). Zhovten' 6 no. 7:109-112 Jl '56.

FEDOROV, EVGRAF STEPANOVICH, 1853-1919
Problems in complete bibliography of E. S. Fedorov's works. K. I. Shafranovskii, A. M. Sorkin. Zap. Vses. min. ob-va 85 no. 2:247-250 '56.

FEDOSOVA, I. A.
"The folk poetess I. A. Fedosova." K. V. Chistov. Reviewed by V. P. Adrianova-Peretz. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:265-268 My-Je '56.
"The free protesting word" ("The folk poetess I. A. Fedosova." K. Chistov. Book review). Druzh. nar. no. 6:184-185 Je '56.

FEED GRINDERS
Mechanical poultry feed grinder. G. P. Adminis. Ptitsevodstvo 6 no. 8:26-27 Ag '56.
Mechanical vegetable grinder for poultry farms. M. I. Vorobkalo. Mekh. sil'. hosp. 7 no. 9:5 S '56.
Preparing hay meal with feed grinders. M. A. Stepaniuk. Mekh. sil'. hosp. 7 no. 9:23-25 S '56.

FEED MILLS
Determining the productive capacity of feed mills. A. Fainblit, P. Brukhis. Muk.-elev. prom. 22 no. 6: 15-16 Je '56.
Increasing the productivity of hammer mills. E. Mal. Muk.-elev. prom. 22 no. 7:23-24 Jl '56.
Means for increasing the production of feed mills. A. Zhigalov. Muk.-elev. prom. 22 no. 6:16-18 Je '56.
New feed mills. V. Fediaev, N. Trigub. Muk.-elev. prom. 22 no. 7:17-19 Jl '56.

FEED WATER
Use of juice vapor condensate for feeding steam boilers. A. E. Kutsenko. Sakh. prom. 30 no. 6:30-34 Je '56.

FEEDING AND FEEDING STUFFS
(see also subdivision under Kazakhstan; Krasnodar Territory; Ukraine; White Russia)
Conserving green forage. N. Shmanenkov, M. Taranov. Blok. agit. no. 25:45-4 of cover S '56.
Cost of one feed unit. S. A. Popov. Nauka i pered. op. v sel'khoz. no. 6:60-61 Je '56.
Farm heating plant without distributing mains. A. Chernyadev. Sel'. stroi. 11 no. 5:19-20 My '56.
For more extensive fattening of cattle and the establishment of a stable feed supply. Mias. ind. SSSR 27 no. 3: 43-45 '56.
Influence of different feeding of animals on their growth and the quality of their offspring. P. D. Pshenychnyi. Sots. tvar. 28 no. 8:31-33 Ag '56.
Laying in the feed supply in bad weather. L. Nikolaeva. Blok. agit. no. 24:44-46 Ag '56.
Let's speed up the procurement of feeds. Ovisevodstvo no. 7:1-2 Jl '56.
Methods for the treatment of coarse fodder. S. O. Kovaleva'kyi. Mekh. sil'. hosp. 7 no. 1:27-28 Ja '56.
More variety in feeding farm animals. Blok. agit. no. 10: 22-25 Ap '54.
Most efficient equipment for the preparation of feeding stuffs on collective farms. A. IE. Miand. Sots. tvar. 28 no. 6:37-38 Je '56.
New species of fungi found on fodder. Report no. 1. M. M. Pidoplichka. Mikrobiol. zhur. 9 no. 2/3:53-62 '48.
Pay more attention to stubble crops. N. Kapitanenko. MTS 16 no. 7:33 Jl '56.
Procure feed without wasting time. F. Velikanov. Blok. agit. no. 27:11-17 S '56.
Protein problem in animal husbandry. I. S. Popov. Zhivotnovodstvo no. 8:1-10 Je '56.
Scientific conference on the proper feeding of farm animals and poultry. Ptitsevodstvo 6 no. 6:43-45 Je '56.

FEEDING AND FEEDING STUFFS (Continued)

Self-feeding of silage. F. Tillel. Kolkh. proizv. 16 no. 6:45 Je '56.

Silage should consist of one component only. M. Brin. Kolkh. proizv. 16 no. 6:45 Je '56.

Transformation of nitrogenous and carbohydrate fractions in concentrated and coarse feeds during fermentation by yeasts. Sh. A. Avakian and others. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:3-14 Je '56.

Unsolved scientific problems in the feeding of farm animals. E. T. Matorova. Zhivotnovodstvo no. 6:94-95 Je '56.

Using local mineral feeds in stock raising. V. V. Atipov. Sel'khoz. Povol. no. 7:55-58 Jl '56.

Veterinary measures in commercial fattening of cattle. Veterinariia 33 no. 8:3-7 Ag '56.

We are going to fulfill milk and meat production tasks of the sixth five-year plan in two years. V. P. Semenov. Sel'khoz. Povol. no. 6:69-71 Je '56.

What bad organization in feed supply leads to. K. Rozhdestvenskii. Sovkhoz. proizv. no. 8:58-59 Ag '56.

FEEDING AND FEEDING STUFFS—ANALYSIS

Best time for cutting camel's thorn for hay in the desert of Uzbekistan. S. I. Kedrova. Kar. i zver. 9 no. 4:13-15 Jl-Ag '56.

FEIGIN, GERASIM

Soldier of the revolution. S. Korzinkin. Mol. kolkh. 23 no. 7:29 Jl '56.

FELDSPAR

Determination of the number of plagioclase by immersion method. V. B. Tatarskii. Zap. Vses. min. ob-va 85 no. 2:204-208 '56.

FENCES

Fences made of decorative blocks. I. M. Morozov. Rats. i izobr. predl. v strol. no. 130:26-27 '56.

FENCING

On the battle strip. A. Galinitskii. Smena 33 no. 14:23 Jl '56.

FEOFAN GREK see Theophanes, the Greek, fl. 14th century

FERGANA—GEOLOGY, STRATIGRAPHIC

Authigenous tourmaline in Cenozoic Molasse deposits in Northern Fergana. L. N. Vertunov. Dokl. AN Tadzh. SSR no. 14:29-30 '55.

FERGANA—PALEONTOLOGY

Description of fauna of Silurian formations in Isfara (Southern Fergana). V. D. Chekhovich. Dokl. AN Tadzh. SSR no. 14:19-21 '55.

FERGANA—PALEONTOLOGY, STRATIGRAPHIC

Discovery of rudistids in Senoman deposits of the western section of the Tajik Depression. N. N. Bobkova. Mat. VSEGEI no. 9:114-119 '55.

FERGANA VALLEY—BRONZE AGE

Bronze age sepulcher in the Fergana Valley; preliminary report. B. Z. Gamburg, N. G. Gorbunova. Krat. soob. IIMK no. 63:85-93 '56.

FERMENTATION

Effect of temporary strengthening of anaerobic processes on the rate of fruit ripening. IU. V. Rakitin. Trudy Inst. fiziol. rast. 6 no. 1:207-211 '48.

Theory of alcoholic fermentation applied in wine making. N. N. Prostoserdov. Sad. vin. Mold. 11 no. 3:49-50 My-Je '56.

Transformation of nitrogenous and carbohydrate fractions in concentrated and coarse feeds during fermentation by yeasts. Sh. A. Avakian and others. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:3-14 Je '56.

FERNS

Comparative study of the effect of ultraviolet and infrared rays on the prothallium of ferns (Dryopteris spinulosum). L. P. Breslavets, L. N. Bell. Biofizika 1 no. 3:237-241 '56.

FERNS, FOSSIL see subdivision under Ural Mountain region

FERRITE

Ultrasonic emitter made of nickel ferrite. I. P. Goliamina. Akust. zhur. 2 no. 2:225-228 Ap-Je '56.

FERROELECTRIC SUBSTANCES

Effect of unilateral mechanical pressure on the dielectric permeability of ceramic ferroelectric substances. M. S. Lur'e, A. I. Medovoi. Zhur. tekh. fiz. 26 no. 7:1437-1442 Jl '56.

Variconds [highly nonlinear seignetioelectric ceramics]. T. N. Verbitskaia. Elektrichestvo no. 6:90-92 Je '56

FERROMAGNETISM

Collective description of magnetic interactions. P. S. Zyrianov, V. M. Eleonskii. Fiz. met. i metalloved. 2 no. 2:206-214 '56.

Investigating the magnetization of structures simulating magnetodielectric materials. M. N. Grigor'ev, I. M. Kirko. Zhur. tekh. fiz. 26 no. 7:1501-1508 Jl '56.

Measuring the Hall-Kikoin effect. N. V. Volkenshtein, G. V. Fedorov. Fiz. met. i metalloved. 2 no. 2:377-378 '56.

Theory of antiferromagnetism. S. V. Tiablikov. Fiz. met. i metalloved. 2 no. 2:193-205 '56.

Theory of ferro-, para- and ferrimagnetism. N. S. Akulov. Dokl. AN SSSR 108 no. 4:603-606 Je '56.

Theory of ferromagnetism in nonideal lattices. V. L. Bonch-Bruevich. Fiz. met. i metalloved. 2 no. 2:215-221 '56.

FERSMAN, ALEKSANDR EVGEN'EVICH, 1883-1945

"Selected works of A. E. Fersman." Reviewed by L. V. Tausov. Geokhimiia no. 1:122 '56.

FERTILIZATION OF PLANTS

Additional pollination of seed plants. Z. P. Semenova. Sakh. svekl. no. 3:44-45 My '56.

Apple plantations for seed. V. N. Popov. Sad i og. no. 7:48-50 Jl '56.

Effect of planting time on the formation of potato berries. E. A. Ivanchenko. Agrobiologiia no. 3:119-121 My-Je '56.

Effect of pollination methods and plant forms on the formation of fruit in buckwheat. G. G. Ashkrumov. Uch. zap. Bash. gos. ped. inst. no. 4:164-172 '55.

Experiment in supplementary pollination of citrus plants. N. L. Burnaeva. Agrobiologiia no. 3:124-128 My-Je '56.

Fertilization of grape by pollen of stock-vine varieties. E. B. Ivanova. Sad. vin. Mold. 11 no. 3:34-37 My-Je '56.

Results of pollinating rye and wheat with a pollen mixture containing pollen of other grass species. S. I. IAnushkevich. Agrobiologiia no. 3:15-22 My-Je '56.

Selectivity of fertilization in self-pollinated lines, hybrids, and varieties of corn. Z. I. Shchelokova, Chou Lin-k'ung. Agrobiologiia no. 3:3-10 My-Je '56.

FERTILIZER INDUSTRY

(see also subdivision under Korea, North; Minsk)

Indexes for the usage of basic materials in the mineral-fertilizer industry. E. N. Osipova. Trudy LIEI no. 9:48-55 '55.

State of the fertilizer industry and its immediate tasks. K. M. Malin. Khim. nauka i prom. 1 no. 2:125-128 '56.

FERTILIZER SPREADERS

Device for applying liquid fertilizer to corn and vegetables. A. M. Pospelov. Mosk. kolkh. 5 no. 7:25-27 Jl '56.

KRN-4, 2 cultivator and fertilizer spreader. I. Vlasov. MTS 16 no. 5:41-42 My '56.

Liquid fertilizer spreaders. A. Dmitriev. MTS 16 no. 7:41-44 Jl '56.

Mechanized spreading of liquid manure. A. I. Ngvikov. Ud. i ur. 1 no. 6:52-56 Je '56.

Placement of liquid fertilizers for corn and vegetables. A. Pospelov. MTS 16 no. 5:32-34 My '56.

FERTILIZERS AND MANURES

(see also subdivision under Sweden; Vologda Province)

Apply supplementary fertilizers to winter grain crops. A. Antipov. Btok. agit. no. 28:21-24 O '50.

Assimilation of carbon from organic fertilizers by plants. A.M.Kuzin, V.I.Morenova. Trudy Inst. biol. fiz. no. 1:247-255 '55.

Combined application of phosphate and superphosphate fertilizers. M. M. Mazaeva. Mosk. kolkh. 5 no. 7:20 Jl '56.

Congress on minor elements. IA. V. Peive. Nauka i zhizn' 23 no. 8:55-56 Ag '56.

Corn fertilizing. A. Antipov. Kolkh. proizv. 10 no. 6:10 My '56.

D. N. Prianishnikov and the problem of fertilizers; on the 90th anniversary of his birth. E. I. Shkonde. Khim. nauka i prom. 1 no. 2:228-231 '56.

Determining the economic effectiveness of mineral fertilizers given to wheat on the Meis Mazra Collective Farm in Basargachar District. V. G. Zubietian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:91-99 Je '56.

Effect and aftereffect of fertilizers on corn yields on sandy soils of Polesye. A. B. Rubashov. Ud. i ur. 1 no. 5:37-41 My '56.

Effect of boron fertilizers and organomineral mixtures on corn yields. E. L. Klimashevskii. Agrobiologiia no. 3:108-109 My-Je '56.

Effect of fertilizers and methods of sowing on the yield of alfalfa seeds. T. A. Kruzhilin. Sel'khoz. Povol. no. 6:60 Je '56.

Effect of fertilizers on grain crops. M. S. Kononov. Sel'khoz. Povol. no. 6:19-22 Je '56.

Effect of fertilizing on the content of food substances in meadow grasses. I. P. Pavlov. Ud. i ur. 1 no. 6:48-51 Je '56.

Effect of organomineral mixtures on potatoes. A. V. Zhukovskii and others. Agrobiologiia no. 3:107-108 My-Je '56.

Effectiveness of fertilizers applied to forage plants growing in floodland meadows. G. IA. Semchenkov. Ud. i ur. 1 no. 6:44-47 Je '56.

Effectiveness of using the preparation 2, 4-DU in mixtures with mineral fertilizers. M. Kovtaniuk. Sovkhoz. proizv. no. 6:72-73 Je '56.

Enlarged plenum of the Fertilizer Section of the All-Union Lenin Academy of Agricultural Sciences. N. V. Smirenskii. Dokl. Akad. sel'khoz. 21 no. 6:45-48 '56.

Experiment in fertilizing winter wheat on sandy loam turf-Podzolic soils ("Kolos" Collective Farm) [with French summary in insert]. V. K. Krutikhovskii. Pochvovedenie no. 5:50-56 My '56.

Experiments in fertilizing cotton with liquid nitrogen fertilizers. I. Romanov. Khlopkovodstvo 6 no. 7:30-34 Jl '56.

Fertilizers ensured high flax yields on the "Novaia Zhizn'" Collective Farm. N. I. Ivanov, A. I. Filatova. Ud. i ur. 1 no. 5:44-47 My '56.

"Fertilizing plants with carbon dioxide." V. A. Chesnokov, A. M. Stepanova. Reviewed by A. F. Kleshnin. Fiziol. rast. 3 no. 4:388 Jl-Ag '56.

Fertilizing winter wheat grown after sunflowers and corn. P. V. Drogalin, A. B. Glukhovskii. Zemledelie 4 no. 7:45-48 Jl '56.

Foliar feeding is an effective method for fertilizing potatoes. V. Usol'tsev. Sovkhoz. proizv. no. 6:71 Je '56.

Foliar feeding of apple trees in nurseries. V. I. Zuev. Sad i og. no. 6:75 Je '56.

Foliar feeding of corn and vegetables. N. P. Kraatskii. Sel'khoz. Povol. no. 6:23-26 Je '56.

Foliar feeding of flax. V. S. Zhadaev. Mosk. kolkh. 5 no. 6:15 Je '56.

Foliar feeding of red clover. P. A. Sergeev. Zemledelie 4 no. 7:115-117 Jl '56.

Growing potatoes on floodlands and peat soils. V. F. Il'in. Kartofel' no. 2:26-28 My-Je '56.

How the "Krasnoe Solntse" Collective Farm strives for increased crop yields. N. V. Popov, M. I. Kukhovarenko. Ud. i ur. 1 no. 5:48-50 My '56.

How to apply side-dressing fertilizers to potatoes. A. I. Tamman. Kartofel' no. 2:23-26 My-Je '56.

How we ensured the hauling of peat and manure to the fields. B. P. Tyshchenko. Mekh. sil'. hosp. 7 no. 1:5-6 Ja '56.

Influence of fertilizer placement methods on root vitality and yield of summer wheat [with English summary in insert]. M. T. IAstrebov. Fiziol. rast. 3 no. 3:233-242 My-Je '56.

Liquid fertilizer applicator for sugar beets. V. I. Ilnevshev. Mekh. sil'. hosp. 7 no. 6:21-22 Je '56.

Liquid fertilizers. D. IU. Gamburg. Nauka i zhizn' 23 no. 8:10-11 Ag '56.

Make a wider use of fertilizer mixtures. A. M. Likhachev. Mosk. kolkh. 5 no. 6:25 Ag '56.

Make wider use of bacterial fertilizers. E. F. Berezova. Mosk. kolkh. 5 no. 7:21-22 Jl '56.

Mechanized winning of peat for fertilizer. I. Z. Galenchik. Kartofel' no. 2:20-23 My-Je '56.

Methods of fertilizing and the effect of summer precipitations on corn. S. F. Negovelov. Ud. i ur. 1 no. 6:36-43 Je '56.

Molybdenum fertilizers. V. F. Skvortsov. Nauka i zhizn' 23 no. 7:51-52 Jl '56.

Nitrogen fertilizers in capitalistic countries. A. F. Ivanov. Khim. nauka i prom. 1 no. 2:213-221 '56.

[Organomineral mixtures for all crops] Organo-mineral'nye smesi pod vse kul'tury. [Moskva Moskovskii rabochii, 1956. 110 p.

Physiological basis for the placement of fertilizers in potato hills [with English summary in insert]. A. F. Kalinkevich, V. A. Aleksandrovskaia. Fiziol. rast. 3 no. 3:263-271 My-Je '56.

Problem of microfertilizers (minor elements). M. V. Katalymov. Khim. nauka i prom. 1 no. 2:155-159 '56.

Regulating the yielding ability of corn by the application of fertilizers. A. F. Kalinkevich. Ud. i ur. 1 no. 6:32-36 Je '56.

Results of foliar feeding. S. E. Fridman. Sakh. svekl. no. 5:25-27 Jl '56.

Susceptibility of wheat to fungus diseases as affected by nutrition. V. O. Gulkanian, S. G. Ognesian, A. A. Oganesian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:59-76 Je '56.

Two-layer placement of mineral fertilizers at the time of sowing. E. A. Mikhailenko. Sakh. svekl. no. 3:41-43 My '56.

Using methane on farms. V. M. Litvin. Nauka i zhizn' 23 no. 6:55-56 Je '56.

Using organic fertilizers for forest plantations on lower Dnieper sands and in districts in the vicinity of the Kakhovka Hydroelectric Power Station. L. A. Khristeva. Sbor. VNITOLES Ukr. respub. otd. no. 1/2:169-181 '54.

Using organomineral mixtures in connection with increasing the plowing depth. E. M. Frenkel'. Dokl. Akad. sel'khoz. 21 no. 6:32-36 '56.

FERTILIZERS AND MANURES—BIBLIOGRAPHY see Bibliography—Fertilizers and manures

FERTILIZERS AND MANURES—PRESERVATION AND STORAGE

Improving the storage of mineral fertilizers. L. I. Povoloteskii, A. A. Vlasova. Standartizatsiia no. 3:72-74 My-Je '56.

FERULA
(see also subdivision under Kazakhstan)

One-legged jumper. P. Marikovskii. Vokrug sveta. no. 6:57 Je '56.

FESTIVALS see subdivision under Moscow

FEUDALISM

Porshnev, B.F. [Study on the political economy of feudalism] Ocherk politicheskoi ekonomii feodalizma. Moskva, Gos. izd-vo polit. lit-ry, 1956, 205 p.

FEVER

Interoceptive reflexes in experimental fever in dogs. T. V. Popova. Biul. eksp. biol. med. 42 no. 7:33-38 Jl '56.

FEVER THERAPY

Results of pyreto therapy in primary and secondary forms of syphilis. I. I. Khokhutkin. Vest. ven. i derm. no. 3:32-33 My-Je '56.

FIBERS

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut novykh lubianykh kul'tur. [A scientific report of the All-Union Scientific Research Institute of New Fiber Crops for 1941-1942] Nauchnyi otchet. . . za 1941-1942 gg. Pod red. IA. M. Tollochko. Moskva, Gos. izd-vo selkhoz. lit-ry, 1946. 157 p.

FIBRIN

Enzymatic reaction of the transformation of fibrinogen into fibrin. IE. L. Khodorova. Ukr. biokhim. zhur. 23 no. 4:439-446 '51.

Physicochemical properties of fibrinogen and fibrin. IE. L. Khodorova. Ukr. biokhim. zhur. 22 no. 2:176-187 '50.

FIBRINOGEN

Enzymatic reaction of the transformation of fibrinogen into fibrin. IE. L. Khodorova. Ukr. biokhim. zhur. 23 no. 4:439-446 '51.

Physicochemical properties of fibrinogen and fibrin. IE. L. Khodorova. Ukr. biokhim. zhur. 22 no. 2:176-187 '50.

FICTION

The theory of the novel. V. Dneprov. Zvezda no. 9:160-172 S '56.

FIELD CROPS
(see also subdivision under Kuban)

Cultivation practices for field crops. B. M. Smirnov. Sel'khoz. Povol. no. 6:83-84 Je '56.

Pay more attention to stubble crops. N. Kaptianenko. MTS 16 no. 7:33 Jl '56.

Penskoi, I. K. [Reclaiming leached soils for agricultural purposes] Sel'skokhoziaistvennoe osvoenie promyvaemykh i promytykh zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 131 p.
(DA)

FIELD PEA

Mechanized harvesting of peas and vetch. B. V. Fedoseev, V. I. Busov. Zemledelie 4 no. 7:95-95 Jl '56.

FIELD THEORY

Close approximations in the self-consistent field method of the meson theory. E. L. Feinberg, D. S. Chernavskii. Dokl. AN SSSR 108 no. 4:619-622 Je '56.

Collective description of magnetic interactions. P. S. Zyrianov, V. M. Eleonskii. Fiz. met. i metalloved. 2 no. 2:206-214 '56.

Generalized method of calculating damping in the relativistic quantum field theory. V. I. Grigor'ev. Zhur. eksp. i teor. fiz. 30 no. 5:873-880 My '56.

Self-energy conservation in the nonrelativistic field theory. M. M. Boholiubov, S. V. Tiablikov. Dop. AN URSR no. 5:10-16 '49.

Theory of interaction between an exciton and phonon field. V. A. Moskalenko. Zhur. eksp. i teor. fiz. 30 no. 5:959-961 My '56.

FIELDS, ALGEBRAIC

Highest commutative subalgebras of a complete linear algebra. D. A. Suprunenko. Usp. mat. nauk 11 no. 3:181-184 My-Je '56.

Pairs of quadratic forms over a complete discrete-normed field with a finite field of residue classes. V. B. Dem'ianov. Izv. AN SSSR. Ser. mat. 20 no. 3: 307-324 My-Je '56.

FIGWORT see subdivision under White Russia

FIJI ISLANDS—TRADE UNIONS

The growth of the trade-union movement on the Fiji Islands. A. Braun. Vsem. prof. dvizh. no. 6:43-46 Je '56.

FIKRET, MEHMET TEVFIK, 1870-1915

"Tevfik Fikret's ideology and philosophy." [In Turkish with English summary in insert]. S. Serid. Reviewed by L. O. Al'kaeva. Nov. vostokoved. no. 3:187-191 '56.

FILARIA AND FILARIASIS see subdivision under Georgia

FILATOV, VLADIMIR PETROVICH, 1875-

Vladimir Petrovich Filatov; on his 80th birthday. N. B. Medvedieva. Fiziol. zhur. [Ukr.] 1 no. 2:3-6 Mr-Ap '55.

FILM MUSIC see Motion-picture music

FILMS ON ART see Art in motion pictures

FILMSTRIPS
(see also subdivision under Kalinin Province; Lyublino)

More filmstrips based on the program of Communist Youth League political groups. IA. Kokushkin. Mol. komm. 14 no. 7:101 Jl '56.

New filmstrips. Kul't.-pros. rab. 17 no. 8:50 Ag '56.

FILTER PRESSES

Filter-press with hydraulic removal of sediment ("Gazeta Cukrownicza" no. 2 1956). Abstracted by V. M. Kats. Sakh. prom. 30 no. 5:66-67 My '56.

FILTERS, ELECTRIC see Electric filters

FILTERS AND FILTRATION

Construction of filters used for equipping wells in the United States. V. M. Gavrilko. Gidr. i mel. 8 no. 8: 59-63 Jl '56.

Coolant filter for metal cutting machines. A. I. Rivkin. Stan. i instr. 27 no. 8:31-32 Ag '56.

Metal-ion absorption on filter paper from highly diluted solutions. K. V. Trotiskii. Trudy Kom. anal. khim. 7:96-103 '56.

New types of filters. E. A. Mogilnyi. Sakh. prom. 30 no. 6:63-70 Je '56.

On the use of asphalt concrete filters. V. M. Gavrilko. Gidr. stroi. 25 no. 4:39-41 My '56.

Porous concrete filters for dug wells. I. F. Tikhonov. Gidr. i mel. 8 no. 7:46-50 Jl '56.

Self-cleaning pressure filter for pumping stations. T. A. Raitsis. Prom. energ. 11 no. 5:23-25 My '56.

FINANCE
(see also subdivision under Tajikistan)

Concern for the welfare of the people. Fin. SSSR 17 no. 6:3-6 Je '56.

Ensure improvement of control and auditing work. A. Pugolovkin. Fin. SSSR 17 no. 7:36-38 Jl '56.

Financial control within departments should be put in order. V. Kovalevskii. Fin. SSSR 17 no. 6:66-70 Je '56.

Financial planning and control through the ruble. B. Krichevskii. Fin. SSSR 17 no. 6:23-30 Je '56.

Follow-up on our articles. Fin. SSSR 17 no. 7:73-74 Jl '56.

A follow-up on our material. Fin. SSSR 17 no. 6:77 Je '56.

In the Board of the U. S. S. R. Ministry of Finance. Fin. SSSR 17 no. 6:93-95 Je '56.

Increase the economic knowledge of financial and bank workers. Fin. SSSR 17 no. 7:3-7 Jl '56.

Readers' suggestions. Fin. SSSR 17 no. 7:71-73 Jl '56.

A review of state finances. K. Chizhov. Fin. SSSR 17 no. 6:78-88 Je '56.

Suggestions of our readers. Fin. SSSR 17 no. 6:73-76 Je '56.

FINANCE—BIBLIOGRAPHY see Bibliography—Finance

FINANCE—HISTORY

Currency circulation and the financial situation in Russia (1904-1907). A. L. Sidorova. Ist. arkh. no. 3:88-123 My-Je '56.

FINANCE—STUDY AND TEACHING

Graduation of young specialists. Fin. SSSR 17 no. 6:95 Je '56.

Seminar of Moscow financial and bank employees. Fin. SSSR 17 no. 7:95 Jl '56.

FINGERS—ABNORMITIES AND DEFORMITIES

Syndrome of microphakia and spherophakia combined with brachydactylia. V. O. Mazina. Oft. zhur. 11 no. 1:50 '56.

FINGERS—WOUNDS AND INJURIES

Intravenous anesthesia below a tourniquet in the treatment of hand and finger wounds. Z. I. Rovinskii, IU. F. Lototskii. Voen.-med. zhur. no. 3:81-82 Mr '56.

FINLAND—CHESS

Letter from Finland. A. Salolla. Shakh. v SSSR 33 no. 6:187 Je '56.

FINLAND—CHESS—TOURNAMENTS

Soviet chess players in Finland. I. Kan. Shakh. v SSSR 33 no. 8:227 Ag '56.

FINLAND—COMMERCE—RUSSIA

Soviet-Finnish economic relations. B. Fedorov. Nov. vrem. 14 no. 33:11-14 Ag '56.

FINLAND—DESCRIPTION AND TRAVEL

The land of late spring. Bohdan Chalyi. Ukraina no. 12:22-23 Je '56.

FINLAND—FOREIGN RELATIONS—RUSSIA

Our Finnish neighbor. Nov. vrem. 14 no. 34:1-2 Ag '56.

Pattern for peaceful coexistence. Goran von Bonsdorff. Nov. vrem. 14 no. 35:8-11 Ag '56.

A worthy reply. Nov. vrem. 14 no. 28:16-19 Jl '56.

FINLAND—PEAT INDUSTRY

Winning and utilization of peat in Finland. Torf. prom. 33 no. 5:33 '56.

FINLAND—RELATIONS (GENERAL) WITH LITHUANIA

Lithuanian tourists as guests of northern neighbors. M. Liubeckis. V zashch. mira no. 62/63:142-147 Jl-Ag '56.

FINLAND—RELATIONS (GENERAL) WITH RUSSIA

Letters from Finland. N. Dedkov. Zvezda no. 7:151-163 Jl '56.

Passengers of the peace train. K. Nepomniashchii. Ogonek 34 no. 28:6 Jl '56.

FINLAND—SOCIAL CONDITIONS

Letters from Finland. N. Dedkov. Zvezda no. 7:151-163 Jl '56.

Through southern Finland. Gennadii Fish. Nash. sovr. 2:232-248 '56.

FIREBRICK

Generalizing operation practices of open-hearth furnaces with magnesite chrome crowns. IU. M. Maksimov, S. S. Levitin. Metallurg no. 7:10-21 Jl '56.

The use of dinas bricks in regenerator chambers. I. D. Lychak. Metallurg no. 5:37-38 My '56.

The use of high-alumina bricks in air preheaters. A. I. Kulik and others. Stal' 16 no. 7:582-585 Jl '56.

FIREPROOF BUILDING see Building, Fireproof

FIRES AND FIRE PREVENTION see subdivision under Moscow

FIRST AID IN ILLNESS AND INJURY

First aid at home. Rab. i sial. 32 no. 8:23 Ag '56.

First aid in the polyclinic and at home. N. G. Golovko. Voen.-med. zhur. no. 3:89-90 Mr '56.

FISH, FROZEN

Freezing hot smoked fish. E. K. Klement'eva. Ryb. khoz. 32 no. 6:26-28 Je '56.

FISH, SMOKED

Effect of mustard phytoncides on lengthening preservation periods of hot smoked fish. P. G. Zhukovskii. Ryb. khoz. 32 no. 6:28-30 Je '56.

Freezing hot smoked fish. E. K. Klement'eva. Ryb. khoz. 32 no. 6:26-28 Je '56.

FISH CULTURE
(see also subdivision under Aral Sea; Kakhovka Reservoir; Nikopol' District; Ukraine; Vakhsh Valley)

Biotechnics of long maintenance of Kura breeder salmon in river channel nursery ponds. A. A. Protasov. Ryb. khoz. 32 no. 6:42-44 Je '56.

Breeding daphnia in ground ponds in fish hatcheries. I. F. Vel'tishcheva, E. V. Soldatova. Ryb. khoz. 32 no. 6:49-50 Je '56.

"Increasing fish fertility in ponds." V. M. Il'in. Reviewed by V. S. Kirpichnikov. Zool. zhur. 35 no. 5: 788-790 My '56.

Method of individual research on breeder fish. A. I. Irikhimovich, A. M. Zelenin. Ryb. khoz. 32 no. 6:40-41 Je '56.

FISH PONDS
(see also subdivision under Ukraine)

Phytoplankton of newly built fish ponds of the Ukrainian S. S. R. during the first year after they have been filled with water. D. A. Radzimovskii. Trudy Inst. gidrobiol. AN URSR no. 32:48-66 '55.

Zooplankton of newly built ponds of the forest steppe and steppe regions of the Ukrainian S. S. R. A. Z. Miroshnichenko. Trudy Inst. gidrobiol. AN URSR no. 32: 67-90 '55.

FISH TRADE

Twenty-five years of the fishery consumers' cooperative. N. Uporov, M. Ginzburg. Ryb. khoz. 32 no. 6:91-92 Je '56.

FISHERIES
(see also subdivision under Azov, Sea of; Canada; Kurile Islands; North Atlantic; Tarashcha District; Volga Delta)

Brief news. Ryb. khoz. 32 no. 6:92-93 Je '56.

Greater use of control measuring instruments and automatic regulators in the industry. A. A. Vershinin. Ryb. khoz. 32 no. 6:24-26 Je '56.

In the advanced school for fishermen and fishery workers. V. Shuin. Ryb. khoz. 32 no. 6:89-90 Je '56.

Items from newspapers. Ryb. khoz. 32 no. 6:86 Je '56.

Pay more attention to problems of improving the material and equipment supply system of the industry. S. P. Gastev. Ryb. khoz. 32 no. 6:34-37 Je '56.

FISHERIES (Continued)

Socialist competition among fishermen during the first quarter of 1956. Ryb. khoz. 32 no. 6:6-7 Je '56.

Trade news. Ryb. khoz. 32 no. 6:87-88 Je '56.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—RESEARCH

Fishery research in the sixth five-year plan. Ryb. khoz. 32 no. 6:1-5 Je '56.

FISHERMEN—EDUCATION AND TRAINING

In the advanced school for fishermen and fishery workers. V. Shuin. Ryb. khoz. 32 no. 6:89-90 Je '56.

FISHERY PRODUCTS see subdivision under Astrakhan; Canada

FISHERY PRODUCTS—PRESERVATION

Freezing fish in an alginate solution. E. G. Pavlov. Ryb. khoz. 32 no. 6:73 Je '56.

New method of sorting sprat for preservation. N. A. Petrishchev. Ryb. khoz. 32 no. 6:56-57 Je '56.

Possibilities of using antibiotics in the fishing industry. IU. A. Ravich-Shcherbo. Ryb. khoz. 32 no. 6:75-77 Je '56.

Russia (1923- U. S. S. R.) Glavrybtorg. [A collection of technological instructions, recipes and technical specifications for fish products] Sbornik tekhnologicheskikh instruktsii, retseptur i tekhnicheskikh uslovii na rybnuiu kulinariiu. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 223 p.

FISHES
(see also subdivision under Amur River; Black Sea; Don River; Neman River; Ob River; Pripet River)

Power dynamic a of a moving fish. L. A. Kovalevskaia. Trudy MGI 7:161-165 '56.

Sixth organ of sense in the fish. G. Blok. Pioner no. 12:75 D '53.

A sixth sense. IA. Korsh. IUnt. nat. no. 4:32-33 Jl '56.

Study of fish sounds. E. V. Shishkova. Ryb. khoz. 32 no. 6:81-86 Je '56.

Why and how? Pioner no. 6:66-67 Je '56.

FISHES—PARASITES see Parasites—Fishes

FISHES, FOSSIL

Remains of Dinichthys (Arthrodira) from the upper Devonian of the U. S. S. R. O. P. Obrucheva. Dokl. AN SSSR 108 no. 2:333-336 My '56.

FISHING
(see also subdivision under Ruhr River)

"Advice to the young fisherman." Mikhail Zaborskii. Book review. Smena 33 no. 12:20 Je '56.

Fish, get caught! A. Mikitau. Biarozka 32 no. 7:28 Jl '56.

Manual for beginning anglers. Sem'ia i shkola 11 no. 7: 38 Jl '56.

Suction-pump for fishing. Ogonek 25 no. 52:32 D '47.

FISHING BOATS

Brief news. Ryb. khoz. 32 no. 6:92-93 Je '56.

Operation of ships equipped with fish pumping apparatus. P. G. Marochkin. Ryb. khoz. 32 no. 6:89 Je '56.

Permanent bases and transport ships. B. D. Shank'ko. Ryb. khoz. 32 no. 6:17-24 Je '56.

Some particularities in the design of fishing vessels. L. M. Nogid. Sudostroenie 22 no. 4:1-10 Ap '56.

FISSION PRODUCTS

Moderation of fission neutrons by uranium-water lattices. L. M. Barkov, A. P. Venediktov, K. N. Mukhin. Atom. energ. no. 3:40-44 '56.

Moderation of fission neutrons by water. L. M. Barkov, K. N. Mukhin. Atom. energ. no. 3:31-32 '56.

FISTULA

New method for making a fistula of the parotid gland in farm animals. O. V. Kvasnyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 1:120-123 Ja-F '55.

FLAME

Combustion of mixtures of nitric oxide and hydrogen. Part I. Kinetics of the reaction in the flame (with English summary in insert). A. I. Rozlovskii. Zhur. fiz. khim. 30 no. 4:912-921 Ap '56.

Radiation from a luminous flame. A. M. Gurvich, V. V. Mitor, V. D. Terent'ev. Teploenergetika 3 no. 7:35-39 Jl '56.

Role of flame propagation in the combustion process of a diesel engine (with English summary in insert). V. IA. Basevich, A. S. Sokolik. Zhur. fiz. khim. 30 no. 4:729-734 Ap '56.

FLAX
(see also subdivision under Germany, East; Kalinin Province; Tolochin District; White Russia)

Advantages of dew retting and water retting of freshly-pulled flax straw. V. T. Orlov. Len i konop. no. 5:23-24 Jl '56.

Clover is the best crop to precede flax. A. Chevzhik. Len i konop. no. 5:19-21 Jl '56.

Collective farm's advantage in a preliminary sorting of retted flax straw. N. I. Sitiuk. Mosk. kolkh. 5 no. 7: 18 Jl '56.

Fertilizers ensured high flax yields on the "Novaia Zhizn'" Collective Farm. N. I. Ivanov, A. I. Filatova. Ud. i ur. 1 no. 5:44-47 My '56.

Foliar feeding of flax. V. S. Zhadaev. Mosk. kolkh. 5 no. 6:15 Je '56.

Harvesting and raw processing of flax and hemp. V. I. Buianov. Mekh. sil'. hosp. 7 no. 6:17-18 Je '56.

Kostiuchenko, A. D. [Experience in raising high yields of flax; "Novaia zhizn'" Collective Farm in Bezhetsk district, Kalinin Province] Opyt poluchenila vysokogo urozhaia l'na; kolkhoz "Novaia zhizn'" Bezhetskogo raiona Kalininskoi oblasti, Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 21)

Preliminary processing of flax. V. G. Korolev. Mosk. kolkh. 5 no. 8:21-22 Ag '56.

Quick processing of flax. A. Smirniagina. Pioner no. 12:74-75 D '53.

Seed flax stems for fiber. F. F. Stroganov. Len i konop. no. 5:43-47 Jl '56.

Seed growing system and varietal rotations of fiber flax. M. F. Poperekov. Len. i konop. no. 5:25-28 Jl '56.

Vegetative hybridization in breeding fiber flax. A. R. Rogash. Agrobiologiia no. 3:89-94 My-Je '56.

Work practice in operating the flax combine. A. V. Smekhov, I. A. Panchenko. Len i konop. no. 5:29-32 Jl '56.

FLAX—HARVESTING

Highly productive use of equipment is the basis of successful harvesting. Len. i konop. no. 5:1-4 Jl '56.

FLAXSEED

Cleaning flaxseed with the grain cleaner. V. N. Riabtsev. Len i konop. no. 5:35-36 Jl '56.

FLEAS see subdivision under Carpathian Mountain region

FLEXURE

Bending of an infinite beam in a solid ground foundation. T. T. Arakelian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 3:45-61 '56.

Bending of some tubular cantilever bars. L. K. Kapantan. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 3:33-43 '56.

Pure bending of beams with creep. N. N. Shchetinin. Izv. AN SSSR. Otd. tekh. nauk no. 8:37-41 Ag '56.

FLIES
(see also subdivision under Tajikistan)

How to eliminate flies in preschool institutions. V. V. Timoshkov. Doshk. vosp. 29 no. 7:42-43 Jl '56.

FLIES AS CARRIERS OF CONTAGION

The market fly and its role in spreading epidemic conjunctivitis. L. F. Paradoksov. Dokl. AN Tadzh. SSR no. 2: 41-45 '52.

FLIGHT

Mechanics of bird flight [with English summary in insert]. G. S. Shestakova. Zool. zhur. 35 no. 7:1043-1050 Jl '56.

FLIGHT CREWS

The commander trains the crew. M. Lebedinskii, S. Frolov. Grazhd. av. 13 no. 5:14-15 My '56.

Training jet airplane crews. Grazhd. av. 13 no. 7:6-7 Jl '56.

Weekdays of a crew. D. Ivanov. Grazhd. av. 13 no. 5: 10-13 My '56.

FLOATING BODIES

Treatise of Archimedes "On floating bodies." I. G. Bashmakova. Ist.-mat. issl. no. 9:769-788 '56.

FLOATING CRANES

New-model rail grip for the "Staryi Burlak" crane. N. A. Chinch, V. V. Karmazo. Rech. transp. 15 no. 7:11 Jl '56.

FLOODS see subdivision under Rostov Province

FLOORS, CONCRETE

Making four-cavity reinforced concrete flooring. Kuz'menko, Lopukh. Rats. i izobr. predl. v stroi. no. 135: 3-5 '56.

FLORICULTURE see subdivision under Moscow; Yakutsk

FLOTATION

About the article "Kinetic equations of the flotation process." O. S. Bogdanov, B. V. Kizeval'ter. TSvet. met. 29 no. 6:83 Je '56.

Akademiia nauk SSSR. Institut gornogo dela. [Flotation reagents and their characteristics] Flotatsionnye reagenty i ikh svoistva. Moskva, 1956. 138 p.

Collector effect of certain frothers during the flotation of sphalerite. I. N. Plaksin, F. N. Khazhinskaia. Izv. AN SSSR. Otd. tekh. nauk no. 8:121-123 S '56.

High-speed flotation and problems of over-all intensification of the flotation process. O. A. Shumkov. TSvet. met. 29 no. 6:1-10 Je '56.

Interaction of polar flotation agents and carbons. V. I. Klassen, L. A. Kochanova. Izv. AN SSSR. Otd. tekh. nauk no. 7:121-123 Jl '56.

Investigating the adhesion stability of xanthogenates on the surfaces of chalcopyrite grains. I. N. Plaksin, V. I. Tiurnikova. Izv. AN SSSR. Otd. tekh. nauk no. 8: 140-142 Ag '56.

Investigating the effect of combinations of collectors on their absorption by copper, silver and gold-silver-copper alloy. S. P. Zaitseva, I. N. Plaksin. Izv. AN SSSR. Otd. tekh. nauk no. 7:117-121 Jl '56.

Studying the effect of sodium sulfide on the interaction between xanthogenate and the surfaces of precious metals. S. F. Luptov, I. N. Plaksin. Izv. AN SSSR. Otd. tekh. nauk no. 6:126-135 Je '56.

Using a flow diagram in crushing and flotation. E. I. Ioffe. TSvet. met. 29 no. 6:11-17 Je '56.

FLOUR MILLS
(see also subdivision under Rostov)

Plan for milling with three roller mills at procurement stations. L. Borokhovskii. Muk.-elev. prom. 22 no. 7:20-23 Jl '56.

What flour mills gained by joining the factory administration. M. Kashkurevich. Muk.-elev. prom. 22 no. 6:30-31 Je '56.

Work experience of flour mills at grain procurement stations. S. Blalyi and others. Muk.-elev. prom. 22 no. 6:24-26 Je '56.

FLOUR MILLS—EQUIPMENT AND SUPPLIES

Electric circuit for DVM-100 weighing and sacking machines has been changed. M. Tevelev, M. IArtaev. Muk.-elev. prom. 22 no. 7:27-28 Jl '56.

Machine for gluten washing. Muk.-elev. prom. 22 no. 7:32 Jl '56.

FLOUR MILLS—SAFETY MEASURES

For the further improvement of labor protection and safety engineering. S. Meshakin. Muk.-elev. prom. 22 no. 5:11-12 My '56.

FLOW METERS

Single-point velocity measurement for measuring fluid flow in pipelines. A. D. Al'tshul'. Izm. tekh. no. 3: 40-42 My-Je '56.

FLOWER SHOWS
(see also subdivision under Moscow)

Festival of flowers. L. Lunts. Kul't.-pros. rab. 17 no. 7:54-55 Jl '56.

FLOWERING OF PLANTS see Plants, Flowering of

FLOWERS

From spring to snow. V. Korchagina. IUn. nat. no. 1:8 Ap '56.

It seems... IUnt. nat. no. 4:34 Jl '56.

FLOWMETERS

Automatic gauge for water flow level. G. F. Kamnev, I. I. Nadporozhskii. Sudostroenie 22 no. 6:31-33 Je '56.

Electric inductance flow meters. O. G. Kalnel'son, A. S. Edel'shtein. Khim. nauka i prom. 1 no. 3:332-336 '56.

Measuring consumption of gas and liquids by means of electromagnetic meters. I. L. Varshavskii, A. L. Zhdanov, V. A. Lur'e. Trudy lab. dvig. no. 1:108-113 '55.

Use of radioactive substances to measure the flow of a liquid. S. A. Kursin, V. N. Mikhailovskii. Gidr. i mel. 8 no. 6:33-36 Je '56.

FLUID DYNAMICS

Checking calculations of unsteady motion in an open channel. Gidr. i mel. 8 no. 7:51-52 Jl '56.

Hydrodynamic method of calculating convergent and divergent passages. V. G. Sanoian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 3:83-90 '56.

Problems of heat exchange and friction resistance in turbulent streams. S. S. Kutateladze. Teploenergetika 3 no. 7:40-45 Jl '56.

Vortex layer method for solving problems on flow past bodies. A. I. Borisenko. Sborn. trud. lab. prob. bystr. mash. 3:89-111 '53.

FLUID MECHANICS

Characteristics of wave motions in a channel having an underwater baffle. A. A. Dmitriev, T. V. Bonchkovskaia. Trudy MGI 7:72-92 '56.

Laboratory apparatus for studying wave motion of fluids. A. A. Dmitriev, T. V. Bonchkovskaia. Trudy MGI 7:67-71 '56.

Power balance of a sediment-bearing stream. M. A. Velikanov. Izv. AN SSSR. Ser. geofiz. no. 6:726-734 Je '56.

Power dynamics of a moving fish. L. A. Kovalevskaia. Trudy MGI 7:161-165 '56.

A three-dimensional boundary layer on an arbitrary surface. V. V. Struminskii. Dokl. AN SSSR 108 no. 4:595-598 Je '56.

FLUORESCENCE

Fluorescent reactions for the fluorine ion. A. K. Babko, P. V. Khodulina. Ukr. khim. zhur. 17 no. 2:191-197 '51.

Investigating the fluorescence and phosphorescence capacities of complex organic molecules. V. V. Zelinskii and others. Izv. AN SSSR. Ser. fiz. 20 no. 5:507-513 My '56.

FLUORESCENCE MICROSCOPY
Fluorescence microscopic investigation of early changes in the bone marrow and blood of irradiated animals. M. N. Meisel', V. A. Sondak. Biofizika 1 no. 3:262 273 '56.
Fluorescence microscopy in paleobotany. V. IA. Aleksandrov, I. N. Sveshnikova. Biofizika 1 no. 4:390 '56.
Investigating the pigments of tumor cells with the ultraviolet microscope. M. P. Bukhman, L. I. Kostina. Biofizika 1 no. 4:387-389 '56.
Preliminary data with regard to fluorescence microscopy of neurons. D. D. Ivanov. Biofizika 1 no. 4:391-395 '56.
Ultraviolet microscopy in studying coacervates. T. N. Evreinova. Biofizika 1 no. 2:167-169 '56.

FLUORESCENT ELECTRIC LIGHTING see Electric lighting, Fluorescent

FLUORIDES
Fluoride content in the food intake and endemic fluorosis of the skeleton. R. D. Gabovich. Vop. pit. 15 no. 4:31-37 Jl-Ag '56.
Fluoride content of the soil and vegetables in the district of a superphosphate factory. Z. IA. Lindberg. Vop. pit. 15 no. 4:41-45 Jl-Ag '56.

FLUORINE
Fluorescent reactions for the fluorine ion. A. K. Babko, P. V. Khadulina. Ukr. khim. zhur. 17 no. 2:101-107 '51.
"Fluorine chemistry." Vol. 1. J. Simons, ed. [Translated by I. L. Knunyants and others]. Reviewed by V. A. Ginsburg. Khim. nauka i prom. 1 no. 3:360 '56.

FLUORITE—SPECTRA
On two types of luminescence spectra of rare earths in artificial fluorite crystals. I. V. Stepanov, P. P. Feofilov. Dokl. AN SSSR 108 no. 4:615-618 Je '56.

FLUOROMETER
Measuring the duration of fluorescence by means of a phase fluorometer. A. M. Bonch-Bruevich. Izv. AN SSSR. Ser. fiz. 20 no. 5:501-505 My '56.
A new phase fluorometer. A. M. Bonch-Bruevich, V. A. Molchanov, V. I. Shirokov. Izv. AN SSSR. Ser. fiz. 20 no. 5:506-510 My '56.

FLUOROMETRY
Fluorometric determination of vitamin $B_2$ in urine. H. D. IEllsoleva. Ukr. biokhim. zhur. 22 no. 2:154-159 '50.

FLUOROSCOPIC DIAGNOSIS see Diagnosis, Fluoroscopic

FODDER see Feeding and feeding stuffs

FOL'BORT, GEORGII VLADIMIROVICH, 1885-
G. V. Fol'bort; on his 70th birthday. Fiziol. zhur. [Ukr.] 1 no. 1:5-6 Jn-F '55.

FOLDS (GEOLOGY)
(see also subdivision under Soviet Central Asia)
Conditions for the formation of idiomorphous folding. V. V. Belousov. Trudy Inst. teor. geofiz. 3:46-67 '47.
Mechanical interpretation of folding. I. V. Kirillova. Trudy Inst. teor. geofiz. 3:85-93 '47.

FOLK DANCES see Dancing—Folk and national dances

FOLK LITERATURE, UDEGE
A fairy tale about fairy tales ("Udege fairy tales," B. Mozhaev. Book review). Druzh. nar. no. 7:184-186 Jl '56.

FOLK MUSIC
(see also subdivision under Dorozhevo)
Pure polyphony and folk music. B. A. Gulisashvili. Soob. AN Gruz. SSR 17 no. 4:377-382 '56.
Unsolved problems of folk-music studies. L. Khristiansen. Sov. muz. 20 no. 8:24-33 Ag '56.

FOLKLORE
Akademiia nauk SSSR. Institut russkoi literatury. [Problems in Soviet literature] Voprosy sovetskoi literatury. Moskva.
Vol. 4. [Folklore in Soviet Russian literature] Fol'klor v russkoi sovetskoi literature, 1956. 423 p.
Educational ideas in folklore. IU. Stupak. Doshk. vykh. 17 no. 6:41-44 Je '56.
Study of the history of Russian folklore. V. E. Gusev. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:239-249 My-Je '56.

FOLKLORE OF AGRICULTURE see subdivision under Georgia

FOLKSONGS, ALBANIAN
Albanian folk songs ("Folk songs" [in Albanian]. Reviewed by V. G'echi. Inostr. lit. no. 7:250-251 Jl '56.

FOLKSONGS, CHINESE
The song as a story and a role. Sergei Obraztsov. V zashch. mira no. 62/63:32-37 Jl-Ag '56.

FOLKSONGS, GEORGIAN
The Kartalinian-Kakhetian song "urmuli" [in Georgian with summary in Russian]. T. S. Mamaladze. Mat. po etn. Gruz. no. 7:199-221 '65.

FOLKSONGS, INDIC
India's folk songs. Bkhupendra K. Khazarika. Ogonek 34 no. 25:21 Je '56.

FOLKSONGS, KOMI
"Komi folk songs." A. K. Mikushev. Book review). Druzh. nar. no. 6:185-186 Je '56.

FOLKSONGS, MALAYAN
"Malayan pantuns" [in Malayan]. Reviewed by V. Ostrovskii. Inostr. lit. no. 7:257-258 Jl '56.

FOLKSONGS, MORDVINIAN
Songs of the Mordvinian people ("Mordvinian folk songs." Book review). Druzh. nar. no. 7:183-184 Jl '56.

FONSECA, RICARDO, 1906-1949
Partido Comunista de Chile. Comité Central. [The way of a revolutionary; the life and work of the Chilean communist Ricardo Fonseca] Put' revoliutsionera; zhizn' i delatel'nost' chilliskogo kommunista Rikardo Fonseka. Sokr. perevod s ispanskogo B. V. Kostritsyna. Pod red. V. I. ermolaeva. Moskva, Izd-vo inostrannoi lit-ry, 1955, 157 p.
(CSt-H)

FOOD
D. V. Kashin's book "Encyclopedia of nutrition"; on the 70th anniversary of its publication. P. V. Simakov. Vop. pit. 15 no. 4:48-50 Jl-Ag '56.

FOOD—ANALYSIS
(see also subdivision under Moscow)
Based on progressive science. A. Davydova. Nauka i zhizn' 23 no. 8:25, 30 Ag '56.

FOOD—DRYING see Drying apparatus—Food

FOOD—PRESERVATION
Consultations. V. I. Trofimova, B. D. Vladimirov. Vop. pit. 15 no. 4:61-62 Jl-Ag '56.
The instructions on food preservation technology should be revised. T. Suntseva. Khol. tekh. 33 no. 2:32-34 Ap-Je '56.
Refrigeration of food served on planes. G. Gubkina. Grazhd. av. 13 no. 5:27-29 My '56.

FOOD, CANNED
Change in the ascorbic acid content of canned tomatoes. A. T. Markh, IE. H. Krotov. Ukr. biokhim. zhur. 28 no. 2:235-241 '56.
A new kind of canned dairy product called "curd dumplings in sour cream." N. Mazokhina. Moloch. prom. 17 no. 5:31-32 '56.

FOOD, FROZEN
Chizhov, G. B. [Problems in the theory of freezing foods] Voprosy teorii zamorazhivaniia pishchevykh produktov. Moskva, Pishchepromizdat, 1956. 130 p.

FOOD ADULTERATION AND INSPECTION
Assuring ample vitamin nutrition. K. S. Petrovskii. Voen.-med. zhur. no. 4:41-47 Ap '56.
Checking the caloric value of daily food rations. V. V. Shiba. Voen.-med. zhur. no. 3:69-70 Mr '56.
Radiography as a method for detecting metallic foreign matter in food. K. E. Bulan. Voen.-med. zhur. no. 9: 73 S '55.

FOOD INDUSTRY
(see also subdivision under Polesye)
Brief news. Moloch. prom. 17 no. 5:47 '56.

FOOD INDUSTRY—CONGRESSES
Interuniversity scientific conference on mechanization and automatization of the processing of food products. V. P. Mitrofanov. Sakh. prom. 30 no. 6: 17-18 Je '56.

FOOD INDUSTRY—PRODUCTION STANDARDS
Correct the methods of calculating labor productivity. I. Vol'per. Sots. trud no. 7:87-89 Jl '56.

FOOD POISONING
Characteristic of food poisoning caused by Salmonella enteriditis. R. A. Tararin. Voen.-med. zhur. no. 4: 60-61 Ap '56.

FOOT—CARE AND HYGIENE
Prevention of excessive perspiration of the feet. N. V. Beliaev. Voen.-med. zhur. no. 6:83-84 Je '51.

FOOT—DISEASES
Treating excessive perspiration of the feet. G. D. Liubiev. Voen.-med. zhur. no. 6:83 Je '51.

FORAGE PLANTS
(see also subdivision under Chuvashia; Moscow Province; Transcarpathia)
Eliminate shortcomings in the seed production of forage crops. M. P. Elsukov. Zhivotnovodstvo no. 6:28-31 Je '56.
[Grain and forage crops.] Zernovye i kormovye kul'tury no. 9 S '56.
[Grain and forage crops.] Zernovye i kormovye kul'tury no. 10 O '56.
Green fodder plan. M. A. Alekseev. Nauka i pered. op. v sel'khoz. no. 6:33-35 Je '56.
Green fodder plan is an important measure for increasing the productivity of cows. V. L. Sotov. Sovkhoz. proizv. no. 6:56-59 Je '56.
IAkushkin, I.V. [Feed production] Proizvodstvo kormov. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 302 p. (Populiarnaia sel'skokhoziaistvennaia biblioteka) (DA)

FORAMINIFERA, FOSSIL
(see also subdivision under Caucasus)
Some data on the mouth evolution in species of the genus Siphonina. IE. IA. Kraieva. Geol. zhur. 16 no. 2:44-50 '56.

FORBECH, RAGNAR
Address to Pastor Ragnar Forbech. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 4:20-21 Ap '56.
In Norway. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 4:22-25 Ap '56.

FORCE AND ENERGY
Self-energy conservation in the nonrelativistic field theory. M. M. Boholiubov, S. V. Tiablikov. Dop. AN URSR no. 5:10-16 '49.

FORCED LABOR
Glink, E., comp. Eight years in Soviet camp, 1934-1942. [n. p.] 1955. 47 l. [In Russian.]

FORCEPS
Forceps for suturing deep wounds. P. S. Kozachek. Voen.-med. zhur. no. 9:62 S '55.

FORD, HENRY, 1863-1947
"Ford. The times, the man, the company" [in English]. Allan Nevins. Reviewed by V. M. Gol'dberg. Vop. ist. no. 6:191-192 Je '56.

FORECASTING, WEATHER see Weather forecasting

FOREIGN AID PROGRAM see Economic assistance

FOREIGN INVESTMENTS see subdivision 'Investments, Foreign' under Turkey

FOREIGN STUDENTS see subdivision 'Students, Foreign' under Moscow

FORENSIC CHEMISTRY see Chemistry, Legal

FOREST FAUNA see subdivision under Peru

FOREST FIRES—PREVENTION AND CONTROL
Use of backfires for extinguishing crown fires and strong ground fires. V. P. Molchanov. Les. khoz. 9 no. 6:41-44 Je '56.

FOREST INFLUENCES
Average annual streamflow in connection with changes in the extent of forests. N. I. Kostiukevich. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:109-127 '55.
How forest plantations affect the increase of crop yields on adjacent fields. V. F. Morozov, G. I. Kazakov. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:134-160 '55.
More about the role of forests in the formation of soils. N. P. Remezov. Pochvovedenie no. 4:70-79 Ap '56.

FOREST MANAGEMENT
Establishing a working plan for mechanized working circles. A. A. Senkevich. Les. khoz. 9 no. 6:45-51 Je '56.

FOREST MANAGEMENT—CONGRESSES
Conference on forest management. Les. khoz. 9 no. 6: 95 Je '56.

FOREST PROTECTION
(see also subdivision under White Russia)
Strokov, V. V. [The technique of using fauna in forest protection; forest biotechnique] Tekhnika ispol'zovaniia fauny dlia zashchity lesa; lesnaia biotekhnika. Moskva, Goslesbumizdat, 1956. 65 p.

FOREST ROADS
Torgonskii, M. N. [Structures for forest roads] Iskusstvennye sooruzheniia lesovoznykh dorog. Moskva, Goslesbumizdat, 1956. 151 p.

FOREST SOILS see subdivision under Ukraine

FOREST SOILS—BIBLIOGRAPHY see Bibliography—Forest soils

FOREST THINNING
Effect of improvement cuttings in mossy spruce-red bilberry forests on the soil humus content. A. V. Boiko. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:184-193 '55.

FORESTATION see Afforestation; Reforestation

FORESTRY SCHOOLS AND EDUCATION
Correspondence courses for forestry and forest industry workers. M. K. Bykov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:129-131 '54.

FORESTS AND FORESTRY
(see also subdivision under Germany, East; Lithuania; Polesye; Staryi Oskol District; Ukraine; Votkinsk District; White Russia; Zolotonosha District)
For efficient utilization of forest resources. E. P. Sysoev. Les. khoz. 9 no. 6:15-19 Je '56.

FORESTS AND FORESTRY (Continued)

Furthering the natural regeneration of forests. A. P. Grachev. Les. khoz. 9 no. 6:5-9 Je '56.

Promoting the growth of oak in the first years and lowering the cost of growing forest crops. V. P. Golovashchenko. Shor. VNITOLES Ukr. resp. otd. no. 1/2:120-126 '54.

Readers' correspondence. Les. khoz. 9 no. 6:91-93 Je '56.

Seventh edition of "Forestry." M. K. Turskii. Reviewed by V.K. Les. khoz. 9 no. 6:79-80 Je '56.

Short review of articles received on forest types. Les. khoz. 9 no. 6:25-29 Je '56.

Take care of forests. Les. khoz. 9 no. 6:90-91 Je '56.

FORESTS AND FORESTRY—ACCIDENTS

Trauma in forestry. IU. M. Lubenskii. Sov. med. 20 no. 6:76-80 Je '56.

FORESTS AND FORESTRY—BIBLIOGRAPHY see Forests and forestry

FORESTS AND FORESTRY—CONGRESSES

Conference in the City of Bryansk. Les. khoz. 9 no. 6:95-96 Je '56.

FORESTS AND FORESTRY—ECONOMIC ASPECTS

Economic theories of forestry. V. I. Perekhod. Shor. nauch. rab. Inst. lesa AN BSSR no. 6:3-17 '55.

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES

Mechanized turning-over and breaking of furrow slices in small-scale forest improvements. IU. M. Komarov. Shor. nauch. rab. Inst. lesa AN BSSR no. 6:194-200 '55.

Recent articles on the mechanization of forestry. Les. khoz. 9 no. 6:80 Je '56.

FORESTS AND FORESTRY—EXHIBITIONS

Forestry at the All-Union Industrial Exhibition. Les. khoz. 9 no. 6:3-4 Je '56.

FORESTS AND FORESTRY—MENSURATION

New methods in studying the form of tree trunks and compiling tables of volume and taper. V. K. Zakharov. Shor. nauch. rab. Inst. lesa AN BSSR no. 6:28-46 '55.

FORESTS AND FORESTRY—TABLES AND READY-RECKONERS

Kosharnovskii, N. A. [Forest mensuration handbook; tables for conversion into cubic meters, cubic feet and Leningrad standards] Spravochnik po taksatsii lesomaterialov; tablitsy ob"ema lesomaterialov v kubometrakh, kubofutakh i leningradskikh standartakh. Izd. 11-oe, dop. i perer. Moskva, Goslesbumizdat, 1956. 503 p.

FORGERY

Concept and types of documents in Soviet criminal law. A. V. Kuznetsov. Uch. zap. VIIUN no. 4:109-125 '55.

FORGING

Mechanization and automatization of production in hot forging shops. A. M. Mansurov. Avt. i trakt. prom. no. 6:24-27 Je '56.

Saving metal in forging and stamping plants in the U. S. S. R. P. V. Kamnev. Trudy LIEI no. 8:114-142 '54.

FORGING MACHINERY

Co-operative effort to increase the efficiency of the heat-power system in machine-building plants. A. L. Ashkinazi, IA. I. Frenkel'. Trudy LIEI no. 7:69-80 '54.

Improving repair techniques for steam-pneumatic forging hammers. K. G. Vorob'ev, IU. N. Sychev. Stan. i instr. 27 no. 6:32-35 Je '56.

Modern trends in the development of drop hammer design in foreign countries. E. N. Moshin. Vest. mash. 36 no. 7:76-84 Jl '56.

Safe eccentric load diagrams for horizontal forging machines. I. I. Girsh. Vest. mash. 36 no. 7:49-56 Jl '56.

FORK LIFT TRUCKS

Transporting heavy loads with ZIO loaders. N. M. Geller, E. F. Antonevich. Mekh. trud. rab. 10 no. 7: 37-39 Jl '56.

FORMIC ACID

Physiochemical analysis of the interaction of amines with acids. Part 3. Thermal analysis of the ternary system: urea -- formic acid -- water. M.N.Kuznetsova, A.G. Bergman. Zhur. ob. khim. 26 no. 5:1326-1335 My '56.

Study of branched chain polymers obtained by the reaction between natural rubber and azodicarboxylates (with English summary in insert). S. S. Ivanov and others. Koll. zhur. 18 no. 3:285-292 My-Je '56.

FORMOSA

Imperialist aggression. Nar. Kit. no. 9/10:43 My '51.

FORMOSA—FOREIGN RELATIONS—UNITED STATES

Formosa under the domination of the armed forces of the U. S. A. Yeh Sheng. Nar. Kit. no. 9:16-18, 23 My '56.

FORMS, QUADRATIC

Pairs of quadratic forms over a complete discrete-normed field with a finite field of residue classes. V. B. Dem'ianov. Izv. AN SSSR. Ser. mat. 20 no. 3: 307-324 My-Je '56.

Quadratic forms for regular functions. Sh. E. Mikeladze. Soob. AN Gruz. SSR 17 no. 4:289-296 '56.

FORRESTAL (SHIP)

The U. S. aircraft carrier, "Forrestal" (From "Marine Engineering" no. 11, 1955). Sudostroenie 22 no. 4:48 Ap '56.

FORTIFICATIONS, ATTACK AND DEFENSE OF see Attack and defense (Military science)

FOSTER HOME CARE

Consultation on the protection of the rights of mother and child. I. IA. Bychkov. Vop. okh. mat. i det. 1 no. 3:94-95 My-Je '56.

FOSTER HOME CARE—HISTORY see subdivision under Abkhazia

FOUNDATIONS

Building trenches in water saturated soils. G. T. Dadaev. Gidr. stroi. 25 no. 4:56-57 My '56.

Calculating excentrically loaded foundations allowing for conjoint wall loading. N. K. Kananov. Stroi. prom. 34 no. 6:30-32 Je '56.

Calculating foundations for tower installations. S. N. Lampeko, V. V. Avrametа. Stroi. pred. neft. prom. 1 no. 4:12-15 Je '56.

Control of the settlement of foundations of industrial and public buildings and structures. Biul. stroi. tekh. 13 no. 6:23-25 Je '56.

Economical prefabricated foundations. A. Nekrasov. Sel'. stroi. 11 no. 5:11-13 My '56.

Effect of loading on the dilution of water saturated sandy foundations. P. L. Ivanov. Gidr. stroi. 25 no. 6:42-45 Jl '56.

Filippov, N. A. [Mixed team in the construction of large blocks foundations] Kompleksnaia brigada na montazhe krupnoblochnykh fundamentov. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 21 p. (Novatory stroitel'noi industrii)

Flames under the ground. Sergei Gushchev. Tekh. mol. 24 no. 6:34-38 Je '56.

Industrial precast foundations. E. B. Sokolova. Biul. stroi. tekh. 13 no. 6:41-46 Je '56.

New type precast thin-walled hollow concrete foundation element. V. A. Litvinov. Nov. tekh. i pered. op. v stroi. 18 no. 7:15-16 Jl '56.

Physicochemical methods of transforming subsoils. B. A. Rzhanitsyn. Trudy NII osn. i fund. no. 17:5-14 '52.

Precast hollow foundations. A. G. Varzhitskii. Stroi. pred. neft. prom. 1 no. 6:11-12 Ag '56.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Engineering instructions for construction and installation work] Tekhnicheskie ustovilia na proizvodstvo i priemku stroitel'nykh i montazhnykh rabot. Moskva, izd-vo lit-ry po stroit. i arkhitekture, Section 10. [Special foundations] Ustroistvo spetsial'nykh osnovanii. 1955. 90 p.

FOUNDING

(see also subdivision under Liubokhna)

Casting protective plates and welding rods (electrodes) from cobalt stellite. V. V. Semenov. Energomashinostroenie no. 6:24-26 Je '56.

Computational determination of deadheads. N. K. Ipatov, V. A. Fateev. Lit. proizv. no. 7:20-26 Jl '56.

Dubinin, N.P. [Cast-iron founding in metal forms] Chugunnoe lit'e v metallicheskikh formakh. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 310 p.

Konovalov, A. V., and P. G. Kalinin. [Experience in organizing a business accounting system in a factory] Opyt organizatsii khozialstvennogo raschета na zavode. Pod obshchei red. S. K. Tatura. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh in nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti, vyp. 1, no. 5)

Stress-relief theory in the formation of cracks in cast-iron molds. D. E. Beletskii. Stal' 16 no. 7:660-661 Jl '56.

Ural'skii mashinostroitel'nyi zavod, Sverdlovsk. [Machine building technology; foundry production] Tekhnologiia mashinostroeniia; liteinoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroeniia; liteinoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 50 p. (Obmen tekhnicheskim opytom)

[MICROFILM]

Use of radioactive isotopes to study the mechanics of the formation of inclusions in castings. P. P. Berg, M. A. Studnits, B. IU. Feigelson. Lit. proizv. no. 7:18-19 Jl '56.

FOUNDING—BIBLIOGRAPHY see Bibliography—Founding

FOUNDRIES

Characteristics of production scheduling in foundry shops. L. M. Lipkind. Trudy LIEI no. 8:70-92 '54.

FOUNDRY MACHINERY AND SUPPLIES

Mechanical removal of dross. (From foreign journals). A. Shpanir. Stal' 16 no. 7:665-667 Jl '56.

Mechanized ramming of large-sized molds. P. A. Arykov. Lit. proizv. no. 7:12-13 Jl '56.

FOURIER, FRANCOIS MARIE CHARLES, 1772-1837

Charles Fourier's "social philosophy" as a subject of historical study. I. I. Zil'berfarb. Vop. ist. no. 5:59-70 My '56.

FOURIER'S SERIES

Absolute convergence of Fourier's series. Part 3. S. B. Stechkin. Izv. AN SSSR. Ser. mat. 20 no. 3: 385-412 My-Je '56.

Singular evaluation of trigonometric sums. I. M. Vinogradov. Izv. AN SSSR. Ser. mat. 20 no. 3:289-302 My-Je '56.

FOURTH OF JULY see subdivision under United States

FOWLING

German, V. E. [Bird hunting in spring] Vesennaia okhota po peru. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 40 p.

FOXES—DISEASES AND PESTS

Fox mange in the Estonian S. S. R. [with English summary in insert]. Kh. I. Ling. Zool. zhur. 35 no. 7:1072-1083 Jl '56.

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTURES

Effect of radioactive isotopes of strontium on consolidation of fractures. L. M. Kapitsa, A. D. Fedorova. Vest. rent. i rad. 31 no. 3:18-21 My-Je '56.

Penicillin therapy for open infected fractures of the long bones. D. I. Drozdov, K. P. Mordovskii. Voen.-med. zhur. no. 3:63 Mr '56.

FRAMES (STRUCTURES) see Structural frames

FRANCE—AIRPLANES

SIPA-300, light French airplane. Kryl. rod. 7 no. 6: 23 Je '56.

FRANCE—ATOMIC POWER

Atomic power in France. G. Chernikov. Nov. vrem. 14 no. 27:27-29 Je '56.

FRANCE—BARNS

Barn without stalls for keeping cows. G. Kate'va. Sel'. stroi. 11 no. 7:26-27 Jl '56.

FRANCE—BOOKS

People and books. Lev Nikulin. V zashch. mira no. 61: 28-31 Je '56.

FRANCE—BRIDGES, CONCRETE

Bridge in Trégnier, Brittany (France). Avt. dor. 19 no. 6:3 of cover Je '56.

FRANCE—CEMENT INDUSTRIES

Cement industries in France. E. B. Kochanova. Tsement 22 no. 2:32 Mr-Ap '56.

FRANCE—COLD STORAGE WAREHOUSES

Some solutions of technical problems in France's cold storage plants. P. Maksimov. Khol. tekh. 33 no. 2: 39-44 Ap-Je '56.

FRANCE—COLLECTIVE LABOR AGREEMENTS

Collective agreements in France. Livio Maccarolla. Vsem. prof. dvizh. no. 6:16-19 Je '56.

FRANCE—COMMUNIST PARTY

A mighty demonstration of force and solidarity. Mezhdunar. zhizn' no. 6:139-140 Ag '56.

For social progress, peace, and glory of France. Maurice Thorez. Kommunist 33 no. 11:24-41 Jl '56.

FRANCE—CONCRETE

Cellular concretes. I. A. IAkub. Nov. tekh. i pered. op. v stroi. 18 no. 7:26-28 Jl '56.

FRANCE—DESCRIPTION AND TRAVEL

Two weeks in France. V. Kochetov. Ogonek 34 no. 25: 27-29 Je '56.

FRANCE—ECONOMIC CONDITIONS

Features of the postwar cycle in France. E. Manzhinskii. Vop. ekon. no. 8:114-129 Ag '56.

FRANCE—ELECTRIC POWER DISTRIBUTION

Electrical networks in France. N. IA. Tarasov. Energetik 4 no. 7:10-12 Jl '56.

FRANCE—ELECTROMETALLURGY

Electromagnetic stirring of steel. (From "Iron Coal Trades Review" no. 4, 1955). Stal' 16 no. 7:664 Jl '56.

FRANCE—FASHION

Inventiveness, patience, taste. E. IAkovleva. Rabotnitsa 34 no. 7:28-29 Jl '56.

FRANCE—FOREIGN RELATIONS—POLAND

Favorable prospects. Mezhdunar. zhizn' no. 6:115-116 Je '56.

FRANCE—FOREIGN RELATIONS—RUSSIA

Important contribution to the peaceful coexistence of peoples. Mezhdunar. zhizn'. no. 6:10-14 Je '56.

A visit which strengthens a traditional friendship. Sov. Soiuz no. 6:1 Je '56.

FRANCE—FOREIGN RELATIONS—UNITED STATES

France and U. S. A. Mezhdunar. zhizn' no. 8:123-124 Ag '56.

FRANCE—FOREIGN RELATIONS—YUGOSLAVIA

Franco-Yugoslav talks. Mezhdunar. zhizn' no. 6:113-114 Je '56.

FRANCE—HISTORY

"Formation of the French nation; from the 10th century to the beginning of the 19th century" [in French]. Germaine and Claude Willard. Reviewed by L. V. Venkstern. Vop. ist. no. 5:198-199 My '56.

FRANCE—HISTORY—COMMUNE, 1871 see Paris—Commune 1871

FRANCE—HOURS OF LABOR—HISTORY

Lessons of the events of 1936 in France. Marcel Caille. Vsem. prof. dvizh. no. 6:24-26 Je '56.

FRANCE—INDUSTRIAL MANAGEMENT

The influence of capitalist rationalization on the situation of the French workers. A. Sergeeva. Sots. trud no. 7: 29-30 Jl '56.

FRANCE—INSURANCE, SOCIAL

"National fund for old age assistance" in France. V. Sedykh. Sots. obesp. 17 no. 7:57-60 Jl '56.

FRANCE—JET PLANES

Flying tube. K. Maliutin. Nauka i zhizn' 23 no. 8:54 Ag '56.

FRANCE—LABOR AND LABORING CLASSES

The influence of capitalist rationalization on the situation of the French workers. A. Sergeeva. Sots. trud no. 7:29-30 Jl '56.

On vacation. Fernand Loriche. Nov. vrem. 14 no. 33: 20-22 Ag '56.

FRANCE—LITERATURE—PERIODICALS

Interlaced roots. N. Razgovorov. Novyi mir 32 no. 6: 214-217 Je '56.

FRANCE—MOTION PICTURES

Notes on French motion pictures. B. L'vov-Anokhin. Iek. kino no. 5:94-103 My '56.

FRANCE—MOTION PICTURES, DOCUMENTARY

Picasso recognized Picasso; to H. G. Clouzot's motion picture was awarded a special prize at the Cannes festival. André Verdet. V zashch. mira no. 61:45-50 Je '56.

FRANCE—PEASANT UPRISINGS

Rebellion of "herdsmen" in the southern Netherlands and France in 1251. V. L. Kerov. Vop. ist. no. 6: 115-123 Je '56.

FRANCE—PEASANTRY

History of the peasant movement during the first years of the French bourgeois revolution at the end of the 18th century. A. V. Ado. Vest. Mosk. un. 11 no. 4:41-56 Ap '56.

FRANCE—PETROLOGY—CONGRESSES

International colloquium on petrology. K. A. Vlasov, N. A. Semenenko. Geokhimiia no. 1:119-120 '56.

FRANCE—POLITICS AND GOVERNMENT

For social progress, peace, and glory of France. Maurice Thorez. Kommunist 33 no. 11:24-41 Jl '56.

France and Euratom. Mezhdunar. zhizn' no. 6:132-133 Ag '56.

What is the political situation in France? A. Alekseev. Otv. na vop. trud. no. 60:50-61 '56.

FRANCE—POTATOES

Followers of I. V. Michurin in France. S. IA. Rusakovskii. Kartofel' no. 2:59 My-Je '56.

FRANCE—RELATIONS (GENERAL) WITH RUSSIA

Know each other better. P. Efimov. Sov. pech. no. 6:44-49 Je '56.

FRANCE—RELATIONS (GENERAL) WITH THE UKRAINE

In the name of peace and friendship. Ukraina no. 11:7 Je '56.

FRANCE—SOCIETIES

Union of Rationalists in France. Ernest Kahne. Nauka i zhizn' 23 no. 7:45-46 Jl '56.

FRANCE—SUGAR BEETS

Particularities in sugar-beet growing in France. M. IA. Parshikov. Sakh. prom. 30 no. 6:54-59 Je '56.

Special problems in sugar beet growing in France. M. IA. Parshikov. Sakh. svekl. no. 4:39-45 Je '56.

A trip to Czechoslovakia and France (from a notebook). A. L. Mazlumov. Sakh. svekl. no. 5:42-45 Jl '56.

FRANCE—TECHNICAL EDUCATION

Vocational training in France. Henri Levar. Mol. mira no. 4:6-7 '56.

FRANCE—THEATER

L. Tolstoi's "Power of darkness" on the French stage. O. V. Timofeeva. Dop. ta pov. L'viv. un. no. 4, pt. 1:40-42 '53.

FRANCE—TRUSTS, INDUSTRIAL

A book about the financial oligarchy in France ("France and trusts." Reviewed by R. Avakov). Vop. ekon. no. 7:153-156 Jl '56.

FRANCE—URANIUM

"Materials for the study of secondary uranium minerals in France" [in French] (From: Science de la Terre, III, no. 1-2, 1-190, 1955. J. Cherwet, G. Branche). Reviewed by V. V. Shcherbina. Geokhimiia no. 3:87-88 '56.

FRANCE—WOMEN—EMPLOYMENT

Still another problem. Mol. mira no. 6:5 '56.

FRANCE—WORLD PEACE COUNCIL

Protest the prohibition of the activities of the World Peace Council. Nar. Kit. no. 9/10:42 My '51.

FRANCE—YOUTH

"House of youth" in France. A. Leger. Mol. mira no. 6: 10-11 '56.

FRANCOIS, SAMSON

Samson Francois. Sov. muz. 20 no. 8:121-123 Ag '56.

FRANK, LEONHARD, 1882-

Heart on the left. L. Kopelev. Inostr. lit. no. 7:182-186 Jl '56.

FRANKO, IVAN, 1856-1916

About my father. Taras Franko. Sov. Ukr. 6 no. 7:124-134 Jl '56.

At the crossroads ("Highways and byways" [in Ukrainian]. I. Franko. Reviewed). Druzh. nar. no. 8:188-189 Ag '56.

Biletskii, O. I., ed. [A work on the Great Mason; a collection of articles on the centenary of Ivan Franko's birth] Slovo pro velykoho Kameniara; zbirnyk statei do 100-littia z dnia narodzhennia Ivana Franka. Kyiv, Derzh. vyd-vo khudozh. lit-ry,
Vol. 1, 1956, 510 p.
Vol. 2, 1956, 594 p.

Canadians get ready for the anniversary. Ukraina no. 14:7 Jl '56.

Courageous fighter against religion. I. Hurzhii. Sots. kul't. 9 no. 6:6-8 Je '56.

The Czech ties of Ivan Franko. E. Grabar'. Slaviane no. 8:16-20 Ag '56.

Dramatic works of Ivan Franko. L. Dmyterko. Kom. Ukr. 32 no. 8:52-59 Ag '56.

First satiric works of Ivan Iakovych Franko. A. M. Khalimonchuk. Dop. ta pov. L'viv. un. no. 3, pt. 1:9-10 '52.

Folk poetic influences in Ivan Franko's early works, 1874-1878. O. I. Dei. Nauk. zap. Inst. susp. nauk AN URSR 3: 16-38 '54.

Franko and Czech and Slovak youth. František Hlavaček. Dnipro 30 no. 8:102-104 Ag '56.

Franko as the historian of working classes. Ivan Hurzhii. Vitchyzna 24 no. 8:147-159 Ag '56.

Great champion of friendship among peoples ("Ivan Franko, uncompromising fighter against Ukrainian bourgeois nationalism." Pavlo Tychyna. Reviewed by Ivan Bolchak). Dnipro 30 no. 8:125-127 Ag '56.

A great son of the Ukrainian people; on the 100th anniversary of Ivan Franko's birth. IU. L. Pshyrov. Belarus' 13 no. 8:9-10 Ag '56.

A great writer and revolutionary. Rad. shk. 35 no. 8: 36-40 Ag '56.

Great writer of the Ukrainian people. Mykola Bazhan. Kommunist 33 no. 11:67-78 Jl '56.

The greatness of Ivan Franko. Aleksandr Beletskii. Druzh. nar. no. 8:159-171 Ag '56.

Important problems for Soviet studies on Franko. M. Parkhomenko. Komm. Ukr. 31 no. 4:65-74 Ap '56.

In honor of the anniversary; selected notes. Sots. kul't. 10 no. 8:9-10 Ag '56.

The 100th anniversary of I. IA. Franko's birth (1856-1956). A. I. Pantiliova, M. I. D'iachenko. Ist. arkh. no. 3:218-222 My-Je '56.

Ivan Franko. A. Gromova. Sov. Soiuz no. 8:40 Ag '56.

Ivan Franko. Aleksandr Deich. Pioner no. 8:24-26 Ag '56.

Ivan Franko. L. Makhnavets'. Rab. i slal. 32 no. 8:14-15 Ag '56.

Ivan Franko; 100th anniversary of his birth. Semen Skliarenko. V zashch. mira no. 62/63:121-125 Jl-Ag '56.

Ivan Franko; on the 100th anniversary of his birth. Biarozka 32 no. 8:11 Ag '56.

Ivan Franko; on the 100th anniversary of his birth. Kul't.-pros. rab. 17 no. 8:49-50 Ag '56.

Iv. Franko as interpreter and translator of Dante's lyric poetry. O. M. Dombrova's'kyi. Dop. ta pov. L'viv. un. no. 4, pt. 1:43-44 '53.

Ivan Franko and Bulgaria. P. Atanasov. Slaviane no. 7:32-33 Jl '56.

Ivan Franko and Russian literature. IE. Kyryliuk. Kom. Ukr. 31 no. 6:22-32 Je '56.

Ivan Franko and the Slavic world. M. Ryl'skii. Slaviane no. 7:28-31 Jl '56.

Ivan Franko as a critic of Veselovskii's folklore studies. M. F. Matvichuk. Nauk. zap. Inst. susp. nauk AN URSR 3:63-74 '54.

Ivan Franko in Krivorivnya. M. Mandybura. Zmina no. 5:11 My '56.

Ivan Franko in pictorial art. I. Katrushenko. Rad. zhin. 11 no. 7:13 Jl '56.

Ivan Franko in school textbooks. M. M. Hryshchenko. Rad. shk. 35 no. 8:50-55 Ag '56.

Ivan Franko on literary work. Arsen Kaspruk. Vitchyzna 24 no. 7:149-157 Jl '56.

Ivan Franko on literature; on the 100th anniversary of his birth. Oktiabr' 33 no. 8:164-172 Ag '56.

Ivan Franko's ethnographic works. M. T. Lomova. Nauk. zap. Inst. susp. nauk AN URSR 3:80-97 '54.

Ivan Franko's poetic mastership. Petro Volyns'kyi. Vitchyzna 24 no. 8:129-146 Ag '56.

Ivan Franko's views in 1883-1884 on the Polish problem. M. S. Vozniak. Nauk. zap. Inst. susp. nauk AN URSR 3: 3-15 '54.

Ivan IAkovlevich Franko. A. Kunina. Bibliotekar' no. 8:12-16 Ag '56.

Ivan IAkovych Franko, great son of the Ukrainian people. Kom. Ukr. 32 no. 8:10-21 Ag '56.

Kyryliuk, IE. P. [Ivan Franko; a biographical sketch] Ivan Franko; biografichnyi narys. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 123 p.

Letters of I. Franko to O. Kovalenko. Iosyp Kurylenko. Dnipro 30 no. 8:99-101 Ag '56.

Living traditions. Iosif Kiselev. Druzh. nar. no. 6: 149-159 Je '56.

Monuments to Ivan Franko. Zmina no. 7:13 Jl '56.

Museum of the great mason. D. TSmokalenko. Sots. kul't. 10 no. 8:6-8 Ag '56.

On the pathways of his native land; reminiscences about Ivan Franko. Taras Franko. Ukraina no. 13:11-12 Jl '56.

Pathos of the truth. Illia Stebun. Vitchyzna 24 no. 8: 172-184 Ag '56.

Predicative phrases in Iv. Franko's prose works. I. Z. Petlychnyi. Dop. ta pov. L'viv. un. no. 3, pt. 1:21-23 '52.

Problem of childhood in I. IA. Franko's works. S. Kh. Chavdarov. Rad. shk. 35 no. 8:49-50 Ag '56.

Psychological problems in I. IA. Franko's works. M. K. Hodyna. Rad. shk. 35 no. 8:55-59 Ag '56.

Realism of Ivan Franko. IEvhen Kyryliuk. Dnipro 30 no. 8:105-111 Ag '56.

Shevchenko traditions in Franko's poetry. Ivan Pil'huk. Vitchyzna 24 no. 8:160-171 Ag '56.

Singer of friendship between the peoples. M. N. Parkhomenko. Nauka i zhizn' 23 no. 8:58 Ag '56.

Some results and tasks in studying Ivan Franko's works; on the 100th anniversary of his birth. I. P. Eremin. Vest. AN SSSR 26 no. 8:53-57 Ag '56.

Sources of "Prince Sviatoslav's dream"- a historical drama by Ivan Franko. M. F. Nechytaliuk. Nauk. zap. Inst. susp. nauk AN URSR 3:39-62 '54.

Stories about my father. T. Franko. IUnost' no. 8:76-77 Ag '56.

Style of Ivan Franko's satire. Viktor Osmolova's'kyi. Zhovten' 6 no. 7:48-56 Jl '56.

Who was the author of "The publishers preface" to Ivan Franko's translation of Gogol's "Dead souls." M. S. Voznik. Nauk. zap. Inst. susp. nauk AN URSR 3:75-79 '54.

The writer and fighter. N. Karabutenko. Raboinitsa 34 no. 8:10-11 Ag '56.

Writer-fighter. T. Kozachuk, E. Kravchenko. Sov. otch. no. 4:96-102 Jl-Ag '56.

FRANKO, IVAN, 1856-1916—MUSEUMS, RELICS, ETC.

Franko's apple trees. Vasyl' Berezhnyi. Ukraina no. 14:6-7 Jl '56.

FRAXINELLA see subdivision under Kazakhstan

FREEZE-DRYING

Vacuum dehydration of frozen tissues. IA. V. Mamul', L. V. Orlova. Trudy Inst. biol. fiz. no. 1:268-275 '55.

FREIGHTERS see subdivision under Volga River

FRENCH LANGUAGE—ACCENTS AND ACCENTUATION

Accentuation in modern French. N. A. Shigarevskaia. Uch. zap. Len. un. no. 180:254-272 '55.

FRENCH LANGUAGE—PREPOSITION

Synonymy of French prepositions. I. I. Obukhovskaia. Dop. ta pov. L'viv. un. no. 4, pt. 1:72-74 '53.

FRENCH LANGUAGE—STUDY AND TEACHING

The new French language textbook for class 6. K. P. Parchevskii, E. B. Reizenblit. Inostr. iaz. v shkole no. 4:39-44 Jl-Ag '56.

FRENCH LANGUAGE—STYLE

Piotrovskii, R. G. [Essays on grammatical stylistics of the French language; morphology] Ocherki po grammaticheskoi stilistike frantsuzskogo iazyka; morfologiia. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 198 p. (Biblioteka filologa)

FRENCH NEWSPAPERS

Poison ivy is uprooted. Nov. vrem. 14 no. 29:18 Jl '56.

A poisoned flower. V. Zagladin. Nov. vrem. 14 no. 28: 14-16 Jl '56.

FRENCH UNION

The political and juridical nature of the French Union. L. M. Entin. Uch. zap. Tadzh. un. 8:129-147 '55.

FREQUENCY MODULATION, RADIO see Radio frequency modulation

FRESH-WATER BIOLOGY

(see also subdivision under Sevan, Lake; Ukraine)

Collected works on the biology of reservoirs ("'Trudy' of the 'Borok' Biological Station," no. 2. Reviewed by L. A. Zenkevich). Vest. AN SSSR 26 no. 6:143-146 Je '56.

FRETWORK

Learn to carve with a fretsaw. N. Zakharov. Pionerila 33 no. 8:30-31 Ag '56.

FRICTION

Dry sliding friction. M. F. Khromeenkov. [Trudy] MVTU no. 50:272-289 '56.

Interaction of friction surfaces in mechanical wear processes. A. I. Nisnevich. Izv. AN SSSR. Otd. tekh. nauk no. 8:122-125 Ag '56.

Methods for elimination of friction in measuring units of testing machines and instruments. I. S. Bogatyrev. Tren. i izn. mash. no. 7:195-204 '53.

Parkerizing for improving the running-in of machine parts. A. A. Novik. Vest. mash. 36 no. 7:63-64 Jl '56.

Slippage in the contact zone in rolling friction. A. IU. Ishlinskii. Izv. AN SSSR. Otd. tekh. nauk no. 6:3-15 Je '56.

Study of the microstructure of friction surfaces. B. D. Hrozin, B. I. Kostets'kyi. Dop. AN URSR no. 2:26-33 '48.

Theory of solids sliding with intermittent stops (frictional natural vibration of the first type). B. V. Deriagin, V. E. Push, D. M. Tolstoi. Zhur. tekh. fiz. 26 no. 6: 1329-1342 Je '56.

FRICTION—BIBLIOGRAPHY see Bibliography—Friction

FRIENDLY SOCIETIES

Is it always necessary for loans to be nonrepayable? M. Niksheva, A. Ivanov, E. Timasheva. Sots. obesp. 17 no. 7:41-42 Jl '56.

The mutual aid fund is without rights. IA. Boev. Sots. obesp. 17 no. 7:40-41 Jl '56.

FRIENDSHIP

Can one "propose" friendship? IUnost' no. 8:89 Ag '56.

FRIT FLIES

Some data on the ecology and harmfulness of the frit fly [with English summary in insert]. A. I. Karpova. Zool. zhur. 35 no. 5:729-740 My '56.

FROGS

A little about everything. Biarozka' 32 no. 7:32 Jl '56.

FRONTIER GUARD see Border guard

FROST ...ITRIC PROPERTIES

...f the dielectric properties of sleet and ...3. N. Shimko. Elektrosviaz' 10 no. 7: ...

...as. G. L. Frankel. Izv. AN Kir. SSR no. ...

...ee Food, Frozen

...ee Meat, Frozen

...ower and Jerusalem artichoke and the ...third sugar. I. I. Marchenko. Visnyk ...no. 11:56-62 N '52.

...Y

...ture of the pericarp of cultivated melons ...3. T. Matienko. Bot. zhur. 41 no. 4:558-...

...S AND PESTS

...ision under Crimea)

...er species and the danger of importing ...S. S. R. M. P. Umnov. Sad i og. no. 7: ...

Measures for controlling fruit mites in the Crimea. A. S. Krylova. Sad i og. no. 7:62-63 Jl '56.

FRUIT—PRESERVATION

Drying potatoes, vegetables, and fruit. V. Shustrov. Kolkh. proizv. 16 no. 7:25-26 Jl '56.

Simple methods for processing vegetables and fruit on collective farms. N. Saburov. Kolkh. proizv. 16 no. 7:24-25 Jl '56.

FRUIT—RIPENING

Change in carboxylase activity in ripening fruit. IU. V. Rakitin. Trudy Inst. fiziol. rast. 6 no. 1:201-206 '48.

Effect of temporary strengthening of anaerobic processes on the rate of fruit ripening. IU. V. Rakitin. Trudy inst. fiziol. rast. 6 no. 1:207-211 '48.

FRUIT CULTURE

(see also subdivision under Chuvashia; Ishimbay; Kalarach District; Maritime Territory; Moldavia; Molotov Province; Moscow Province; Oziaki District; Slobodzeya District)

Calendar for vegetable gardening, fruit culture and viticulture. Sad i og. no. 6:76-77 Je '56.

Calendar for vegetable gardening, fruit culture, and viticulture. Sad i og. no. 7:76-77 Jl '56.

Carrying out budding in an organized manner. R. B. Iskol'dskaia. Sad i og. no. 6:38-41 Je '56.

Combined method for the irrigation of orchards. T. I. Gorin. Sad i og. no. 7:35-37 Jl '56.

Conference of agronomists, fruit growers and viticulturists of machine-tractor stations. Sad. vin. Mold. 11 no. 3:62-63 My-Je '56.

Cultivation of interrows in orchards. L. E. Rybak. Sad. vin. Mold. 11 no. 3:19-22 My-Je '56.

Device for picking fruit from the top branches. S. I. Nabokov. Sad i og. no. 7:77 Jl '56.

Enikeev, Kh. K., and P. N. IAkovlev, comps. [Ivan Vladimirovich Michurin, the great transformer of nature; an album of visual instructional aids] Ivan Vladimirovich Michurin - velikii preobrazovatel' prirody; al'bom nagliadnykh posobii. [Moskva] Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 78 l. (in portfolio)

———— [Explanatory text to accompany the album] Poiasnitel'nyi tekst k al'bomu. 1956. 45 p.

From the experience of an agronomist-horticulturist. M. I. Spirin. Sad. vin. Mold. 11 no. 3:15-16 My-Je '56.

How to increase the germinating power of stone fruit seeds. M. G. Gurgenidze. Sad i og. no. 6:45-46 Je '56.

How to improve the quality of transplants. V. F. Koltunov. Sad. vin. Mold. 11 no. 3:16-18 My-Je '56.

Let's establish high-yielding and long-bearing orchards. K. G. Kirilliuk. Sad. vin. Mold. 11 no. 3:30-32 My-Je '56.

Oknina, E. Z., and E. I. Barskaia. [Practical manual for determining the planting readiness of stratified seeds of the principal fruits] Prakticheskoe rukovodstvo po opredeleniiu gotovnosti semian osnovnykh plodovykh kul'tur k posevu pri stratifikatsii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 24 p.

Orchard of the Michurin Collective Farm. V. Podkovyrova. Kolkh. proizv. 16 no. 6:46 Je '56.

A question raised in good time. A. S. IAtsyna and others. Sad i og. no. 6:46-50 Je '56.

Raise more fruit and grape transplants. Sad. vin. Mold. 11 no. 3:1-2 My-Je '56.

Rybakov, A. A., ed. [Manual of norms for fruit growing, viticulture, and vegetable gardening] Normativnyi spravochnik po plodovodstvu, vinogradarstvu i ovoshchevodstvu. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 289 p.

FRUIT CULTURE—EXHIBITIONS see subdivision under Moscow

FRUIT JUICES

(see also subdivision under Dnepropetrovsk)

How to extract juice from berries. V. Zolotarev. Mosk. kolkh. 5 no. 8:46-47 Ag '56.

Preparation of juices rich in vitamins. B. D. Zitkiene. Sad i og. no. 6:58-59 Je '56.

FRUIT TRADE see subdivision under Moscow

FRUIT TREES

Clonal variation in fruit trees. IA. S. Nesterov. Agrobiologiia no. 3:112-113 My-Je '56.

Dormancy in fruit trees. IA. S. Nesterov. Dokl. AN SSSR 108 no. 4:736-741 Je '56.

FRUIT TREES—DISEASES AND PESTS

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Control of fruit and grape pests and diseases] Zashchita plodovykh kul'tur i vinograda ot vreditelei i boleznei. Pod red. L. N. Zotsenko. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 239 p. (DA)

FRUITS, CITRUS see Citrus fruits

FRUNZE—EARTHQUAKES

Seismic characteristics of the city of Frunze region. E. A. Rosova, V. G. Korolev. Izv. AN Kir. SSR no. 2:45-...

FRUNZE—TELEVISION

Television in Frunze. N. Tikhanovich. Kirgizatan 17 no. 4:74 Jl-Ag '56.

FRUNZE PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

Post office workers help us. V. Novak. Raspr. perch. no. 7:19 Jl '56.

FUEL

Development of the fuel industry in the U. S. S. R. D. I. Notkin. Khim. i tekh. topl. no. 3:1-7 Mr '56.

Economic problems of fuel supply for electric power stations. N. G. Bulanov. Trudy LIEI no. 7:59-69 '54.

Fuel in the sixth five-year plan. E. Pogrebitskii. Neva no. 8:119-124 Ag '56.

Riabisev, N. I. [Natural and synthetic gases] Estestvennye i iskusstvennye gazy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 327 p.

Using fuel in furnaces. V. F. Kopytov. Trudy Inst. fiz. gaza AN URSR 3:81-86 '55.

We economize on fuel. V. Merzliakov. Prom. koop. no. 5:32 My '56.

FUEL—TRANSPORTATION

Economic comparison of the transmission of electric energy and the transportation of fuel by rail with respect to the distribution of condensing power plants. R. IA. Brit'. Trudy LIEI no. 7:35-44 '54.

FUEL OIL see Petroleum as fuel

FUEL PUMPS

Standard gauge for installing fuel pumps. O. A. Hol'verk. Mekh. stil'. hosp. 7 no. 8:25 Ag '56.

FUEL RESEARCH

Methods for determining the humic acid content in solid combustible minerals. T. A. Kukharenko. Khim. i tekh. topl. no. 5:32-43 My '56.

FULMINATES

Influence of the sample weight on the delayed explosion of the oxalates and fulminates of mercury and silver (with English summary in insert). V. V. Boldyrev. Zhur. fiz. khim. 30 no. 5:1088-1091 My '56.

FUMIGATION

Methallyl chloride as a fumigant for the disinfestation of grain. A. Cherkovskaia, N. Kuz'mina. Muk.-elev. prom. 22 no. 7:9 10 Jl '56.

FUNCTIONAL ANALYSIS

(see also subdivision under Ukraine)

All-Union conference on functional analysis and its applications. Usp. mat. nauk 11 no. 3:223-225 My-Je '56.

Linear totally continuous operators in functional spaces with two norms. M. G. Krein. Zbir. prats' Inst. mat. AN URSR no. 9:104-129 '48.

FUNCTIONAL ANALYSIS—BIBLIOGRAPHY see Bibliography—Functional analysis

FUNCTIONAL EQUATIONS

Certain general methods in the theory of functional equations of one variable. New applications of functional equations. J. Aczél. Usp. mat. nauk 11 no. 3:3-68 My-Je '56.

Principle of majorants for Chebyshev's method. V. E. Mirakov. Usp. mat. nauk 11 no. 3:171-174 My-Je '56.

FUNCTIONS

Continuity in a closed circle of functions regular in an open circle. G. D. Suvorov. Usp. mat. nauk 11 no. 3:177-179 My-Je '56.

Power nonresidues and zeroes of $L$-functions. K. A. Rodosskii. Izv. AN SSSR. Ser. mat. 20 no. 3:303-308 My-Je '56.

Remarks on the theory of spherical functions on symmetrical Riemann manifolds. F. A. Berezin, I. M. Gel'fand. Trudy Mosk. mat. ob-va 5:311-351 '56.

FUNCTIONS, ANALYTIC

Functions monogenic on closed sets and sets of type Fσ. A. Seleznev. Dokl. AN SSSR 108 no. 4:591-594 Je '56.

Integral representations of analytical functions which are mapping the upper halfplane onto its part. I. S. Kats. Usp. mat. nauk 11 no. 3:130-144 My-Je '56.

Method of proximity systems in spaces of analytical functions and its application to interpolation. M. A. Evgrafov. Trudy Mosk. mat. ob-va 5:89-201 '56.

FUNCTIONS, BESSELIAN see Bessel's functions

FUNCTIONS, CONTINUOUS

Best approximations and differential properties of two conjugate functions. N. K. Bari, S. B. Stechkin. Trudy Mosk. mat. ob-va 5:483-522 '56.

Representation of continuous functions of several variables by superpositions of continuous functions of a smaller number of variables. A. N. Kolmogorov. Dokl. AN SSSR 108 no. 2:179-182 My '56.

FUNCTIONS, ENTIRE

Levin, B. IA. [Distribution of roots of entire functions] Raspredelenie kornei tselykh funktsii. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 632 p.

FUNCTIONS, ENTIRE (Continued)
New problem of quasi-analyticity and the transformation of Fourier's entire functions. K.I.Babenko. Trudy Mosk. mat. ob-va 5:523-542 '56.

FUNCTIONS, HARMONIC see Harmonic functions

FUNCTIONS, MODULAR
Modular functions of the second degree. A.I. Lapin. Izv. AN SSSR. Ser. mat. 20 no. 3:325-336 My-Je '56.

FUNCTIONS, POTENTIAL see Potential, Theory of

FUNCTIONS OF COMPLEX VARIABLES
One generalized boundary value problem of Carleman for several unknown functions. N. P. Vekua. Izv. AN SSSR. Ser. mat. 20 no. 3:377-384 My-Je '56.

FUNGI
(see also subdivision under Ukraine)
New species of fungi found on fodder. Report no. 1. M. M. Pidoplichko. Mikrobiol. zhur. 9 no. 2/3:53-62 '46.
Studying the chemical composition of the cover of winter zoosporangia of the Synchytrium endobioticum fungus. I. Chyzhauskaia. Vestsi AN BSSR Ser. biial. nav. no. 1: 79-85 '56.
Using rosolic agar in mycological research. V. V. Vlodavets. Bot. zhur. 41 no. 4:537-539 Ap '56.

FUNGI, PATHOGENIC
Antibiotic effect of Actinomyces on parasitic fungi of human skin and hair. L. O. Karchenko. Vest. ven. i derm. no. 3:55 My-Je '56.
Developmental cycles of Otthia lycii sp. nov. and Cucurbitaria variana Hazsl. on Lycium barbarum L. M. IA. Zerova. Ukr. bot. zhur. 13 no. 1:75-91 '56.

FUNGI, POISONOUS see subdivision under Ukraine

FUNGI, POISONOUS—PHYSIOLOGICAL EFFECT
Effect of extracts of toxic fungi on animal and plant tissues. V. I. Bilai. Mikrobiol. zhur. 9 no. 2/3:121-128 '46.

FUNGI IN AGRICULTURE
Characteristic features of the biology of the fungus Pythium de Baryanum Hesse and ways for suppressing it in the soil. T. V. Pestinskaia. Bot. zhur. 41 no. 4: 571-575 Ap '56.
Susceptibility of wheat to fungus diseases as affected by nutrition. V. O. Gulkanian, S. G. Oganesian, A. A. Oganesian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6: 59-76 Je '56.

FUNGICIDES
New fungicides for controlling mildew in grapes. G. D. Levitskii. Vin. SSSR 16 no. 4:39-40 '56.

FUNGOUS DISEASES see Medical mycology

FUR
Curling of overhair tips in minks. K. V. Rostovskaia. Kar. i zver. 9 no. 4:26-30 Jl-Ag '56.
Curling of overhair tips in minks as affected by feeding. M. I. Titova, V. I. Pobedin. Kar. i zver. 9 no. 4:26-29 Jl-Ag '56.
How to take care of furs. I. Stefanovich. Sov. zhen. 12 no. 10:46 O '56.
Speeding up the aging of fur in young minks by changes in lighting conditions. N. P. Khronopulo. Kar. i zver 9 no. 4:30-34 Jl-Ag '56.

FUR-BEARING ANIMALS
(see also subdivision under Kirghizistan)
Abramov, M. D., V. A. Afanas'ev, and N. Sh. Perel'dik., eds. [Raising fur-bearing animals] Zverovodstvo, izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 615 p. (Trekhletnie kolkhoznyo agrozootekhnicheskie kursy. 2. i 3. gody obucheniia) (DA)

FUR-BEARING ANIMALS—DISEASES AND PESTS
The dosage of certain astringents in gastrointestinal diseases of fur-bearing animals. P. E. Radkevich, T. P. Veselova, L. M. Balakina. Kar. i zver. 9 no. 3: 50-51 My-Je '56.

FUR-BEARING ANIMALS—FEEDING AND FEEDING STUFFS
Feeding seal meat to fur-bearing animals. M. N. IUdin, S. A. Blarionov. Kar. i zver. 9 no. 3:43-44 My-Je '56.

FUR FARMING
(see also subdivision under Scandinavia)
Construction work on state fur farms in 1956. P. F. Vokhlakov, V. F. Agapov. Kar. i zver. 9 no. 3:24-31 My-Je '56.
Develop the raising of fur-bearing animals on collective farms. IU. K. Vol'f. Kar. i zver. 9 no. 4:35-37 Jl-Ag '56.
Increase labor productivity on rabbit and fur farms. M. V. Savin. Kar. i zver. 9 no. 3:21-24 My-Je '56.

FUR FARMING—EXHIBITIONS
National school of progressive experience. N. L. Kar. i zver. 9 no. 4:42-48 Jl-Ag '56.

FUR TRADE
(see also subdivision under Leningrad)
Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Unprocessed furs; spring varieties] Pushno-mekhovoe syr'e: Vesennie vidy; gosudarstvennye standarty. Izd. ofitsial'noe. Moskva, 1956. 63 p.

FURALDEHYDE
Polarographic method for determining furfurole in cognac. IA. E. Ekster. Vin. SSSR 16 no. 4:21-24 '56.

FURAN
Certain rearrangements in the furan series. A. L. Gershuns, L. I. Verkina. Ukr. khim. zhur. 17 no. 2:280-284 '51.
Disclosure of the tetrahydrofuran cycle with aluminum halides. N. I. Shuikin, I. F. Bel'skii. Izv. AN SSSR. Otd. khim. nauk no. 6:747-748 Je '56.

FURMANOV, DMITRII ANDREEVICH, 1891-1926
Dmitrii Furmanov. A. Makarov. Sov. mor. no. 5:15 Mr '56.
Problem of the positive hero in D. A. Furmanov's novel "Chapaev." M. S. Gurladi. Dop. ta pov. L'viv. un. no. 3, pt. 1:3-6 '52.

FURNACES
Combustion of coal in a test cyclone furnace. M. A. Nadzharov. Teploenergetika 3 no. 7:45-49 Jl '56.
Reduction of losses in burning anthracite on chain grates. I. I. Levin. Energetik 4 no. 7:12-15 Jl '56.
Temperature in furnaces. A. M. Gurvich, A. G. Blokh. Energomashinostroenie no. 6:11-15 Je '56.
Use of pipe furnaces in benzol plants. S. N. Lazorin, I. S. Soldatenko. Koks i khim. no. 4:49-52 '56.
Using fuel in furnaces. V. F. Kopytov. Trudy Inst. isp. goza AN URSR 3:61-66 '55.

FURNACES—MODELS
Testing open-hearth furnace ports on flame models. M. E. Savos'kin. Stal. proizv. no. 1:74-66 '56.

FURNACES, HEAT TREATING
Determining the heating time for long-size parts in convection furnaces. A. A. Neuatruev. Zhur. tekh. fiz. 26 no. 7:1556-1570 Jl '56.
Flame heating unit for steaming reinforced concrete elements. Sel'. stroi. 11 no. 6:30 Je '56.

FURNBERG, LOUIS
Insights; fragments from the narrative poem "The nameless brother." Louis Furnberg. Inostr. lit. no. 7:3-4 Jl '56.

FURNITURE
(see also subdivision under Gomel'; Riga)
Dear and respected. S. Morozov. Ogonek 34 no. 24:29 Je '56.

FURNITURE INDUSTRY
Increase the production of wicker furniture. A. L. Avetikov. Der. prom. 5 no. 6:6-8 Je '56.
Methods of producing bent frames with closed contours. V. L. Vladyshevskii. Der. prom. 5 no. 7:7-8 Jl '56.
Standardized matching parts for the mass production of furniture. V. A. Sizov. Der. prom. 5 no. 7:3-5 Jl '56.

FUSARIUM
Fusarium in cucommis. IA. I. Korbonskaia. Dokl. AN Tadzh. SSR no. 12:59-64 '54.
Synthesis of vitamin $B_1$ by Fusarium species. V. I. Bilai. Mikrobiol. zhur. 9 no. 4:32-37 '46.

FUSEL OIL
Effect of fusel oils on the acid-forming capacity of acetic acid bacteria in rapid manufacturing of vinegar. L. A. Liberman. Mikrobiol. zhur. 9 no. 2/3:139-142 '46.

FUSION, LATENT HEAT OF
Approximate theoretical solution for convection heat-exchange problems related to fusion and solidification. A. Tkachev. Khol. tekh. 33 no. 2:50-54 Ap-Je '56.

GABBRO see subdivision under Bargushatskiy Range

GADYACH DISTRICT—INSEMINATION, ARTIFICIAL
Organizing an inter-collective-farm station for artificial insemination. D. P. Vizyr. Sots. tvar. 28 no. 8: 26-27 Ag '56.

GAHNITE see subdivision under Azov region

GAIDAR, ARKADII PETROVICH, 1904-1941
Arkadii Gaidar, writer and fighter. K. Kiparisova. Klub 6 no. 8:29-30 Ag '56.

GALANIN, DMITRII DMITRIEVICH, 1886-
Seventieth birthday of professor D. D. Galanin, corresponding member of the Academy of Pedagogic Sciences of the RSFSR. S. I. Ivanov. Fiz. v shkole 16 no. 4:89-90 Jl-Ag '56.

GALAXY see Milky Way

GALENA
Displacement of lead from galena by means of iron. A. E. Gurlev. TSvet. met. 29 no. 6:41-43 Je '56.
Sander, IU. K. [Technology and equipment in galena production] Tekhnologiia i oborudovanie galenovykh proizvodstv. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 735 p.

GALICIA—ELECTION LAW—HISTORY
Class character of the law governing election to the Galician Regional Diet. V. S. Kul'chyts'kyi. Dop. ta pov. L'viv. un. no. 4: 31-34 '53.

GALINDEZ SUAREZ, JESUS, 1915-
The Galíndez affair. M. Kremnev. Nov. vrem. 14 no. 27:13-15 Je '56.

GALL see Bile

GALL BLADDER—DISEASES
Treatment of cholecystitis. F. M. Gavrilov, A. I. Belokurov. Khirurgiia no. 5:47-49 My '56.

GALL BLADDER—SURGERY
Treatment of acute cholecystitis. St. Dimitrov. Khirurgiia no. 5:49-53 My '56.

GALLERIES AND MUSEUMS see subdivision under Moscow

GALVANIZING
Effective way of preheating the galvanizing bath. (From "Stahl und Eisen" no. 6, 1954). A. Shpanir. Stal' 16 no. 7:667 Jl '56.

GAMALEIA, NIKOLAI FEDOROVICH, 1859-1949
"Nikolai Fedorovich Gamaleia." IU. I. Milenushkin. Reviewed by I. I. Rogozin. Voen.-med. zhur. no. 3:93-94 Mr '56.

GAMBURTSEV, GRIGORII ALEKSANDROVICH, 1903-1955
Grigorii Aleksandrovich Gamburtsev. Trudy Inst. geofiz. AN Gruz. SSR 14:241-242 '55.
Materials on the October meeting in Stalinabad, 1953. G. A. Gamburtsev. Biul. Sov. po seism. no. 1:3-4 '55.

GAME PROTECTION
(see also subdivision under Orel Province; Siberia)
The force of habit. Okh. i okh. khoz. no. 7:54 Jl '56.
Prohibit the hunting of capercaillies. I. Gulisov. Okh. i okh. khoz. no. 7:58 Jl '56.
Vital problems in game management. Okh. i okh. khoz. no. 7:3-5 Jl '56.

GAMES
Battle near the Silent River; a game. A. Khmelik. Vozhatyi 32 no. 7:50-51 Jl '56.
"Gay recreation." N. V. Studenetskii. Book review. Kul't.-pros. rab. 17 no. 7:63-64 Jl '56.
Letter from Tokyo. T. Markova. Sem'ia i shkola 11 no. 6:5-6 Je '56.
Summer games for school children. Rabotnitsa 34 no. 7:32 Jl '56.

GAMMA GLOBULIN
Commercial production of therapeutic hyperimmune horse serum against tick-borne and Japanese encephalitis. Report no. 2: Obtaining gammaglobulin from normal therapeutic antiencephalitic horse serum; author's abstract. I. M. Rodin and others. Zhur. mikrobiol. epid. i immun. 27 no. 7:58-59 Jl '56.

GAMMA RAYS
Comparative evaluation of rotary irradiation methods. A. V. Bibergal'. Biofizika 1 no. 2:146-154 '56.
Effect of gamma rays on grape wines and cognac alcohol. T. V. TSetskhladze, R. IA. Kipiani. Soob. AN Gruz. SSR 17 no. 4:303-308 '56.
Gamma rays examine the consistency of metals. A. Grigor'ev. Ogonek 34 no. 27:25 Jl '56.
Reproduction of the roentgen unit for gamma rays with the aid of an extrapolation camera. IA. L. Shekhtman, G. B. Radzievskii. Biofizika 1 no. 3:206-210 '56.

GAMMA RAYS—INDUSTRIAL APPLICATIONS
Adjustable container for gamma-ray flaw detectors using radioactive cobalt. I. F. Kuznetsov. Sudostroenie 22 no. 4:37-39 Ap '56.
Determining soil compactness by gamma ray investigation. K. V. IUr'ev, P. N. Kodochigov. Gidr. stroi. 25 no. 6:36-41 Jl '56.
Experiments in the use of atomic energy in the woodworking industry (From "Woodworking Industry" no. 1, 1956). Der. prom. 5 no. 6:32 Je '56.

GAMMA RAYS—MEASUREMENT
Method for determining the natural background of gamma-ray counters. V. L. Shashkin. Izv. AN SSSR. Ser. geofiz. no. 7:838-839 Jl '56.

GANGRENE
Incorporation of $S^{35}$-labeled methionine into the proteins of different organs and tissues of healthy guinea pigs and guinea pigs with gaseous gangrene. I. B. Fridiland. Vop. med. khim. 2 no. 1:19-24 Ja-F '56.

GAPRINDASHVILI, NONNA, 1941-
Chess. Sov. zhen. 12 no.10:47 O '56.

GARAGES
(see also subdivision under Vilnius)
Plans for 100 and 200-car garages. B. Afanas'ev, A. Moiseev. Avt. transp. 34 no.6:16-17 Je '56.

GARDENING
Filmstrips. I. Medvedovskii. Sad i og. no.6:77 Je '56.
A garden should flourish. S. Lipchin. Vozhatyi 32 no. 7:24-25 Jl '56.
Readers' comments on our periodical. Sad i og. no.6: 78 Je '56.

GARLIC—THERAPEUTIC USE
Achrichine and garlic phytoncides for treating giardiasis. M. P. Tvauri. Voen.-med. zhur. no. 5:67-70 My '56.

GARM PROVINCE—GEOPHYSICS
Data on the work of the Garm expedition. V. F. Bonchkovskii. Biul. Sov. po seism. no. 1:31-39 '55.

GARSKII, IL'IA ANATOL'EVICH
Long life. Teatr 17 no. 6:184 Je '56.

GAS
Artiukhov, I. M., and S. N. Shorin. [Gas supply] Gazosnabzhenie. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 325 p.
Purification of gases from sulfur organic compounds by means of activated clays from deposits in the Georgian S. S. R. IA. D. Zel'venskii, I. G. Sarishvili. Zhur. prikl. khim. 29 no. 6:833-841 Je '56.
Riabtsev, N. I. [Natural and synthetic gases] Estestvennye i iskusstvennye gazy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 327 p.

GAS, NATURAL
(see also subdivision under Germany, East; Ukraine)
Prepartion of carbon black by catalytic decomposition of natural gases containing methane. F. E. Mishel'. Trudy LIEI no. 9:107-122 '55.
Problems in the development of geological prospecting for oil and gas. M. F. Mirchink. Neft. khoz. 34 no. 6: 1-10 Je '56.
Relation of inert gases to nitrogen in natural gases. K. P. Florenskii. Geokhimiia no. 3:33-41 '56.
Riabtsev, N. I. [Natural and synthetic gases] Estestvennye i iskusstvennye gazy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 327 p.
The use of natural gas in open-hearth furnaces. V. I. Palant, B. N. Kurochkin. Metallurg no. 7:14-17 Jl '56.
Using natural gas for firing bricks. M. M. Zhukov, T. K. Kravchenko. Stroi. pred. neft. prom. 1 no. 5:22-23 Jl '56.

GAS, NATURAL—GEOLOGY see subdivision under Kobystan

GAS, NATURAL—PIPELINES
(see also subdivision under Moscow Basin)
Abolition of reinforcing couplings for joints of main pipelines. Stroi. pred. neft. prom. 1 no. 6:18-19 Ag '56.
Aerial pipeline crossing. Stroi. pred. neft. prom. 1 no. 4:30 Je '56.
Construction on wheels. S. Morozov. Ogonek 34 no. 33: 4 Ag '56.
New method of communication for main gas pipelines. P. A. Selivanov. Stroi. pred. neft. prom. 1 no. 1:11-13 Mr '56.
Notes from the leading section of the Stavropol'-Moscow gas pipeline. G. L. Kshondzer. Stroi. pred. neft. prom. 1 no. 2:24-26 Ap '56.
Organization of communications on the Stavropol-Moscow gas pipeline. P. A. Selivanov. Stroi. pred. neft. prom. 1 no. 5:17-20 Jl '56.

GAS, NATURAL—STORAGE
Underground storage of petroleum products and compressed gases in natural reservoirs. O. M. Ivantsov. Stroi. pred. neft. prom. 1 no. 1:28-30 Mr '56.

GAS, NATURAL—TRANSPORTATION
News from the republics; a review of newspapers. Druzh. nar. no. 7:124-128 Jl '56.

GAS AND OIL ENGINES
Akademiia nauk SSSR. Laboratoriia dvigatelei. [Internal combustion piston engines; proceedings of a conference on piston engines] Porshnevye dvigateli vnutrennego sgoraniia; trudy konferentsii po porshnevym dvigateliam. Moskva, 1956. 352 p.
[Internal combustion engines models 2D $\frac{10.5}{15}$ I and 2DSP $\frac{10.5}{15}$ I] Dvigateli vnutrennego sgoraniia tip 2D $\frac{10.5}{12}$ I i 2DSP $\frac{10.5}{12}$ I. Moskva, Vses. ob"edinenie mashinoeksport [n. d.] [8] p. [Parallel texts in Russian and English]
Investigating the combustion of gaseous mixtures in a piston engine. A. I. Stezhinskii. Trudy Inst. isp. gaza AN URSR 3:105-113 '55.
Oil consumption in KDM-46 engines. V. R. Hubko. Mekh. sil'. hosp. 7 no. 9:6-7 S '56.
Review of L. K. Kollerov's book "Piston-type gas engines." N. A. Aleshin. Energomashinostroenie no. 6:30-31 Je '56.
Special problems in mounting the oil pump and filter in KhTZ-B7 engines. I. M. Storchak, B. V. Klepats'kyi. Mekh. sil'. hosp. 7 no. 9:18-20 S '56.

GAS AND OIL ENGINES—FUEL SYSTEMS
Ivanov, D. N. [Feeding of engines consuming light liquid and gas fuel] Sistemy pitaniia dvigatelei legkogo zhidkogo i gazovogo topliv. Izd. 2-oe, dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 238 p.

GAS AND OIL ENGINES—IGNITION
Combustion with knock in compression-ignition engines. F. A. Lavrov, E. N. Sprintsina. Izv. AN SSSR. Otd. tekh. nauk no. 7:86-93 Jl '56.

GAS APPLIANCES
Gas apparatus for fusing tin on milk cans. A. S. Zarovnyi, V. P. Dzhuvago. Trudy Inst. isp. gaza AN URSR 3:114-117 '55.

GAS AS FUEL
Convective heat exchange in gas fuel combustion. V. N. Timofeev, V. A. Uspenskii. Izv. AN SSSR. Otd. tekh. nauk no. 9:111-114 S '56.

GAS BURNERS
Practice in using multinozzle injector burners for gas burning in steam boilers. K. A. Privalova. Trudy Inst. isp. gaza AN URSR 3:102-104 '55.
Study and calculation of injector gas burners for industrial furnaces. A. M. Levin. Trudy Inst. isp. gaza AN URSR 3:67-101 '55.

GAS FLOW
Adiabatic equation for real gases slightly deviating from the ideal. Z. A. Orudzhaliev. Trudy Azerb. ind. inst. no. 7:130-141 '54.
Certain considerations concerning the method of calculating heat exchange and hydraulic resistance at high-speed gas flow. P. V. Dvornichenko. Zhur. tekh. fiz. 26 no. 7:1571-1578 Jl '56.
Compressible gas flow without separation in a diffuser at subsonic velocities. I. L. Rozova'kyi, A. M. Levin. Dop. AN URSR no. 4:50-55 '48.
Distribution of gas pressure on walls in triple-fired holding furnaces. A. I. Vashchenko. Sbor. Inst. stali no. 31:242-284 '53.
Heat and mass transmission in granular layers. Part 1. M. E. Aerov, N. N. Umnik. Zhur. tekh. fiz. 26 no. 6: 1233-1242 Je '56.
Heat and mass transmission in granular layers. Part 2. M. E. Aerov, N. N. Umnik. Zhur. tekh. fiz. 26 no. 6: 1243-1250 Je '56.
Movement of gases in the hearth of open-hearth furnaces. M. A. Glinkov, M. IA. Rokhtman. Sbor. Inst. stali no. 31: 285-317 '53.
Theory of super-fluidity. M. M. Bogoliubov. Zbir. prats' Inst. mat. AN URSR no. 9:89-103 '48.
Twisted flow of compressed gases in ducts. G. G. Chernyi. Izv. AN SSSR. Otd. tekh. nauk no. 6:55-62 Je '56.

GAS INDUSTRY
(see also subdivision under Ukraine)
Petroleum and gas industries in the sixth five-year plan. P. Agukin, A. Shakhmatov. Plan. khoz. no. 3:31-44 '56.

GAS MANUFACTURE AND WORKS
Methods for efficient processing of shales for gas and liquid fuel production. V. A. Zhukov. Trudy LIEI no. 9:63-89 '55.

GAS POWER PLANTS
Producing power-plant gas from Angren coal in fountain-type generators. I. G. Druzhinin, N. D. Tasknev. Izv. AN Kir. SSR no. 1:37-46 '55.

GAS PRODUCERS
Cooling gas by air in stationary power gas generators. A. T. Tishchenko. Trudy Inst. isp. gaza AN URSR 3:58-60 '55.
Gasification of heavy liquid fuels. V. T. Vdovichenko. Trudy Inst. isp. gaza AN URSR 3:31-45 '55.
Gasification of peat in a generator with recirculating gases. A. T. Tishchenko. Trudy Inst. isp. gaza AN URSR 3:18-30 '55.
Installation for increasing the heat capacity of generator gas. S. N. Tuzov, V. T. Fronin. Stek. i ker. 13 no. 7:28-30 Jl '56.
Investigation of the process of water gas production in intermittent generators. K. E. Makhorin. Trudy Inst. isp. gaza AN URSR 3:46-57 '56.
Study of the gasification of peat brickets. N. G. IUdushkin. [Trudy] NATI no. 13:23-48 '56.

GAS TURBINE LOCOMOTIVES
Gas-turbine locomotive. I. Nekolaev. Oktiabr' 33 no. 6:145-146 Je '56.

GAS TURBINES
Analytical determination of the optimal rate of pressure increase in the TVRD unit. L. T. Shvets. Dop. AN URSR no. 2:50-54 '48.
Comparative investigation of the efficiency of open- and closed-cycle gas turbines. D. IA. Aleksapol'skii. Sborn. trud. lab. prob. bystr. mash. 3:79-88 '53.
Effect of the design of turbine receivers and jet devices on gas distribution in nozzles. P. V. Orekhov. [Trudy] MVTU no. 50:124-181 '56.
Establishing the characteristics of gas turbines. V. N. Ershov. Sborn. trud. lab. prob. bystr. mash. 3:124-132 '53.
Experimental investigation of thermal fields in the austenite casings of gas turbines in stationary and starting conditions. B. P. Mironov. Izv. AN SSSR. Otd. tekh. nauk no. 9:31-38 S '56.
GT-12-3 gas turbine installation developed by the Leningrad Metallurgical Plant. M. I. Grinberg and others. Energomashinostroenie no. 6:1-7 Je '56.
A glance into tomorrow. Mykola Symonovych. Ukraina no. 12:24-25 Je '56.
Investigation of the heat exchanger for a counterflow-type gas turbine with constant combustion. IU. M. Dedusenko. Sborn. trud. lab. prob. bystr. mash. 3:144-167 '53.
Mobile gas-turbine power plants. V. G. Tyryshkin, M. M. Ivashchenko. Energomashinostroenie no. 5:27-30 My '56.

GAS TURBINES—COOLING
Comparative investigation of the cooling of gas turbine disks in radial flow and in air blow through working blade bases. E. P. Dyban, N. M. Kondak, I. T. Shvets. Izv. AN SSSR. Otd. tekh. nauk no. 9:77-88 Je '56.

GAS TURBINES—ELECTROMECHANICAL ANALOGIES
Approximate method for modeling thermal and dynamic processes for gas-turbine blades. B. A. Uvarov. Izv. AN SSSR. Otd. tekh. nauk no. 9:39-47 S '56.

GAS WELDING AND CUTTING
Face gas welding. K. K. Khrenov. Dop. AN URSR no. 2: 53-55 '49.
Gas welding of L62 thin-sheet brass. V. V. Rykov. Svar. proizv. no. 7:26-27 Jl '56.
Variation of the form of the nozzle duct in order to reduce oxygen flow during gas cutting. A. E. Asnis. Dop. AN URSR no. 3:22-24 '49.

GAS WELDING AND CUTTING—BIBLIOGRAPHY see Bibliography—Gas welding and cutting

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES
Improving the performance of the ASSh-2 machine. A. B. Gatker. Svar. proizv. no. 7:32 Jl '56.
Truck on rollers for the ASSh-2 gas cutting machine. E. D. Dorofeev. Svar. proizv. no. 7:32 Jl '56.

GASES
Calculation of the fugacity of certain gases. D. S. TSiklis. Zhur. fiz. khim. 30 no. 5:1182-1183 My '56.
Cooling gas by air in stationary power gas generators. A. T. Tishchenko. Trudy Inst. isp. gaza AN URSR 3:58-60 '55.
Effect of temperature on the over-all values of the thermal conductivity of gases at atmospheric pressure. N. V. TSederberg. Teploenergetika 3 no. 7:7-11 Jl '56.
Graphic differentiation method of computing caloric values of real gases using p. v. T data. IA. Z. Kazavchinskii, O. I. Kaikhe. Teploenergetika 3 no. 7:23-26 Jl '56.
Mixing gas in a "fluidized" bed. K. P. Lavrovskii, A. L. Rozental'. Khim. i tekh. topl. no. 3:17-21 Mr '56.

GASES—ANALYSIS
Mass production of gas analyzers. I. Kudachkov. Khol. tekh. 33 no. 2:23-24 Ap-Je '56.

GASES, FLOW OF
Some features of gas flow in its own gravity field. K. P. Staniukovich. [Trudy] MVTU no. 50:101-119 '56.

GASES, RARE
Effect of noble gases on the sensitivity of spectrum analysis. E. N. Vinnichenko, A. N. Zaidel'. Vest. Len. un. 11 no. 10:22-28 '56.
Inert gases in geochemical research of natural gases. K. P. Florenskii. Vest. AN SSSR 26 no. 6:92-94 Je '56.
Relation of inert gases to nitrogen in natural gases. K. P. Florenskii. Geokhimiia no. 3:33-41 '56.

GASES IN METALS
Solubility of oxygen in liquid nickel and iron and nickel melts. A. M. Samarin, V. P. Fedotov. Izv. AN SSSR. Otd. tekh. nauk no. 6:119-125 Je '56.

GASHOLDERS see subdivision under Hanau, Germany

GASOLINE
Detonative combustion stability of automobile gasolines in ZIS-120 engine. N. F. Kaidash, S. M. Livshits. Khim. i tekh. topl. no. 4:30-36 Ap '56.
"A drop of gasoline." A. I. Krasnov. Reviewed by I. Paniarskii. Grazhd. av. 13 no. 6:32-33 Je '56.
Individual paraffin and pentamethyl hydrocarbons of the gasoline fraction produced from Romashkin (Minibayevo) petroleum. A. V. Topchiev and others. Khim. i tekh. topl. no. 3:8-10 Mr '56.
Stability of automobile and aviation gasoline in storage. B. A. Englin, E. N. Khaitan. Khim. i tekh. topl. no. 3: 21-31 Mr '56.

GASOLINE (Continued)
Stabilization of cracked gasoline by antioxidants. A. K. Seleznev. Khim. i tekh. topl. no. 6:37-39 Je '56.
Using hydrogen and carbon in the destructive hydrogenation of fuels. V. I. Karzhev, N. V. Shavolina. Khim. i tekh. topl. no. 2:30-34 F '56.

GASOLINE—ANALYSIS
Analysis of the composition of gasoline produced from Zhirnovskaia petroleum. V. G. Nikolaeva, K. I. Zimina, A. A. Potiakova. Khim. i tekh. topl. no. 2:23-26 F '56.
Determining the content of antioxidants of the aminophenol type in gasolines. I. V. Rozhkov, T. P. Rogacheva. Khim. i tekh. topl. no. 6:34-37 Je '56.

GASOLINE—ANTIKNOCK AND ANTIKNOCK MIXTURES
Correlation between automobile engines and the antiknock character of automobile gasoline. D. M. Aronov, A. P. Lebedinskii. Trudy lab. dvig. no. 1:33-60 '55.
Knock testing of automobile gasolines. D. M. Aronov, E. I. Zabrianskii, L. V. Mallavinskii. Trudy lab. dvig. no. 1:88-107 '55.

GASOLINE—STORAGE
Reinforced concrete tanks from coarse porous concrete for gasoline storage. K. P. Chalkin. Stroi. pred. neft. prom. 1 no. 2:18-20 Ap '56.

GASPARIAN, GOAR
Goar Gasparian. A. Medvedev. Sov. muz. 20 no. 8:106-110 Ag '56.

GASTEROPODA, FOSSIL see subdivision under Soviet Central Asia; Veda Valley

GASTROSCOPY
Diagnosis of gastric cancer. I. I. Sivkov. Terap. arkh. 28 no. 4:68-73 '56.

GATES, HYDRAULIC
Sluice gate with an air chamber. E. E. Peplov, N. V. Kokoin. Gidr. i mel. 8 no. 6:37-41 Je '56.
Some problems of design of the mechanical equipment of gate installations in river hydroelectric power stations. E. I. Zal'kindson. Gidr. stroi. 25 no. 3:31-36 Ap '56.

GAUGES
Checking feeler gauges used for the control of surface roughness. V. A. Egorov, B. S. Davydov. Izm. tekh. no. 3:64-66 My-Je '56.
"Waviness" gauge for spiral gears. F. P. Volosevich. Izm. tekh. no. 3:69-71 My-Je '56.

GAUGES—TESTING
Device for testing oil pressure gauges and water temperature indicators. Avt. transp. 34 no. 6:31-32 Je '56.

GAUSS, KARL FRIEDRICH, 1777-1855
Gauss and Lobachevskii. A. P. Norden. Ist.-mat. issl. no. 9:145-168 '56.
Letter of K. F. Gauss to I. M. Simonov. Ist.-mat. issl. no. 9:101-106 '56.

GAVRILIN FAMILY
With the Gavrilin family again; a sketch. M. Grineva. Ogonek 34 no. 30:28 Jl '56.

GDANSK see Danzig

GE, NIKOLAI NIKOLAEVICH, 1831-1894
A forbidden portrait. A. Vereshchagina. Nova no. 7:188 Jl '56.

GEAR-CUTTING MACHINES
The 5V12 gear shaper. P. I. Pereverailo. Stan. i instr. 27 no. 8:5-7 Ag '56.

GEARING
Aleksandrov, L. I., N. P. Artemenko, and D. I. Kostiuk. [Cylindrical gearing; theory, calculation and design] TSilindricheskie zubchatye kolesa; teoriia, raschet i proektirovanie. Khar'kov, Izd-vo Khar'kovskogo ordena trudovogo krasnogo znameni gos. univ. im. A. M. Gor'kogo, 1956. 317 p.
Experience in repairing high-speed gear drives. S. S. Vinogradov. Sudostroenie 22 no. 4:41-42 Ap '56.

GEARING—MEASUREMENT
Checking internal-contact gears. I. S. Vasilenko. Izm. tekh. no. 3:75-76 My-Je '56.
Cyclic defects in gears. N. N. Markov. Izm. tekh. no. 3:72-75 My-Je '56.
Device for checking face and radial beats in pinions. Z. M. Faingol'd. Izm. tekh. no. 3:76-78 My-Je '56.
Measuring worm cutters. L. IA. Vyshkind. Izm. tekh. no. 3:67-69 My-Je '56.
"Waviness" gauge for spiral gears. F. P. Volosevich. Izm. tekh. no. 3:69-71 My-Je '56.

GEARING, WORM
"Module limitations" in correcting gears cut by worm hobbing machines. M. B. Groman. Vest. mash. 36 no. 7:15-21 Jl '56.
On M. B. Groman's article: "Module limitations" in correcting gears cut by worm hobbing machines." IA. I. Diker, V. N. Kudriavtsev. Vest. mash. 36 no. 7:22-23 Jl '56.

GEESE
(see also subdivision under Kazakhstan)
A goose as taster. A. Dzitiau. Belarus' 13 no. 7:32 Jl '56.
Indirect indicators of egg production in geese breeding. TS. Kh. Ruus. Pititsevodstvo 6 no. 8:19-20 Ag '56.

GEESE—FEEDING AND FEEDING STUFFS
Dissemination of advanced practices in fattening geese. A. M. Kosilova, A. P. Vinogradova. Trudy VNIIP 5:31-36 '54.
Forced feeding of geese by machinery in summer. A. M. Kosilova, L. I. Kustova, G. V. Pankrat'ev. Trudy VNIIP 5:4-11 '54.

GEIGER-MÜLLER COUNTERS
Design of new Geiger-Muller type counters and study of their properties. N. M. Kocharian, A. A. Durgarian. Nauch. trudy Erev. un. 46 no. 2:71-78 '55.

GELATIN
Chemistry of gelatin tanning. V. A. Veldenbakh. Zhur. prikl. khim. 29 no. 6:918-922 Je '56.
Influence of the forms of bound water on the structural and mechanical properties of gelatin in the process of drying (with English summary in insert). L. A. Lopilkina. Koll. zhur. 18 no. 3:302-309 My-Je '56.

GELATION
Gelation of dilute sols and suspensions (with English summary in insert). I. F. Efremov. Koll. zhur. 18 no. 3:276-284 My-Je '56.
Hydrosol of aluminum hydroxide. 2. The influence of sodium chloride and ethyl alcohol on the thixotropic gelation of sols (with English summary in insert). P. V. Rufimskii. Koll. zhur. 18 no. 3:332-336 My-Je '56.

GEL'TSER, EKATERINA VASIL'EVNA
Defense of dissertations. Teatr 17 no. 6:174 Je '56.

GEMS
A gem with the depiction of Solomon. A. V. Bank. Viz. vrem. 8:331-337 '56.

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS, FEMALE—TUBERCULOSIS
Clinical aspects and treatment of tuberculosis of the female sexual organs. M. S. Ermina. Fel'd. i akush. 21 no. 6:11-15 Je '56.

GENERATORS, ELECTRIC see Electric generators

GENETICS
(see also subdivision under Poland)
Problems and tasks of radiation genetics. N. P. Dubinin. Vest. AN SSSR 26 no. 8:22-33 Ag '56.
Spiridonova, N. S. [How man changes the nature of plants and animals] Kak chelovek izmeniaet prirodu rastenii i zhivotnykh. [Sverdlovsk] Sverdlovskoe kn-vo, 1956. 43 p. (DA)

GENEVA—ATOMIC POWER—CONGRESSES
Problems of geochemistry at the Geneva Conference. V. V. Shcherbina. Geokhimiia no. 1:118-119 '56.

GENEVA—GEOLOGY—EXHIBITIONS
Geological sections of exhibits in Geneva and Delhi. G. S. Gritsaenko. Zap. Vses. min. ob-va 85 no. 2:265-269 '56.

GENITOURINARY ORGANS—CANCER
"Results of cytological examinations in the clinic and in practice" (Zbl. f. Gynaekologie no. 34A: 1554-1554 '54). H. Wenig. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:80 My-Je '56.

GENRE PAINTING
Concerning genre painting. B. Nikiforov. Iskusstvo 19 no. 3:17-21 '56.

GEOCHEMICAL PROSPECTING
(see also subdivision under Tuva Autonomous Province)
Geochemical methods of prospecting for mineral deposits. A. I. Perel'man. Priroda 45 no. 8:47-50 Ag '56.
Geochemical methods of prospecting for mineral resources. I. I. Ginzburg. Vest. AN SSSR 26 no. 6: 58-64 Je '56.

GEOCHEMISTRY
(see also subdivision under Gumbeyka region)
Distribution of elements in the earth's crust and hypotheses on the origin of the earth. V. I. Lebedev. Min. sbor. no. 9:36-49 '55.
Distribution regularity of chemical elements in the earth's crust. A. P. Vinogradov. Geokhimiia no. 1:6-52 '56.
First meeting on geothermal research in the U. S. S. R. A. IE. Babynets'. Geol. zhur. 16 no. 2:89-92 '56.
Geospheres and chemical properties of atoms. A. F. Kapustinskii. Geokhimiia no. 1:53-61 '56.
Possible hydrogeochemical cause of the leaching subzone formation. A. I. Germanov. Geokhimiia no. 1:113-117 '56.
Rare elements in rocks. L. V. Tauson. Priroda 45 no. 7:16-23 Jl '56.

GEOCHEMISTRY—SOCIETIES
Organization of geochemical societies in the West. A. V. Geokhimiia no. 3:84 '56.

GEODESY—ABSTRACTS
[Astronomy and geodesy; abstracts nos. 4860-5363] Referativnyi zhurnal: Astronomiia i geodeziia no. 9 S '56.

GEODESY—STUDY AND TEACHING
Geodetic practice for students. A. N. Gulbinskas, A. N. Krasnoshchekov. Sred. spets. obr. no. 7:27-31 Jl '56.
A sure knowledge of geodesy is necessary for construction engineers. N. G. Viduev and others. Vest. vys. shkoly 14 no. 7:31-35 Jl '56.

GEOGRAPHERS, GEORGIAN
Maruashvili, L. I. [Vakhushti Bagrationi, his predecessors and contemporaries; geographical works and travels] Vakhushti Bagrationi, ego predshestvenniki i sovremenniki; geograficheskie trudy i puteshestviia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 135 p.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHY
(see also subdivision under Iberian Peninsula)
Some urgent problems of Soviet geography. O. A. Konstantinov. Izv. Vses. geog. ob-va 88 no. 3:280-285 My-Je '56.

GEOGRAPHY—ABSTRACTS
[Geography; abstracts nos. 4854-7037] Referativnyi zhurnal: Geografiia no. 3 Mr '56.
[Geography; abstracts nos. 10186-10428] Referativnyi zhurnal: Geografiia no. 8 Ag '56.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—CONGRESSES see subdivision under India

GEOGRAPHY—PERIODICALS
Journal of abstracts, "Geografiia." Reviewed by I. Parkhomenko. Geog. v shkole 19 no. 3:75-76 My-Je '56.

GEOGRAPHY—STUDY AND TEACHING
"Book of readings in geography" for the 4th grade. Reviewed by N. I. Blonskaia, V. A. Raush. Nach. shkola 24 no. 8:51-54 Ag '56.
Establishment of a course in geography of cities in the Geography Department of the Moscow University. V. V. Pokshishevskii. Vop. geog. no. 38:223-231 '56.
Geographic excursions and trips. I. V. Kriakovskii. Geog. v shkole 19 no. 3:55-56 My-Je '56.
Geography meeting on the subject "Study and exploitation of the Arctic." K. I. Serova. Geog. v shkole 19 no. 3:58-60 My-Je '56.
Notebook work in geography. V. A. Raush. Geog. v shkole 19 no. 3:34-39 My-Je '56.
Russia (1917- R. S. F. S. R.) Glavnoe upravlenie shkol. [Assignments for students taking correspondence courses in secondary schools; geography] Zadaniia dlia uchashchikhsia zaochnoi srednei shkoly; geografiia, V klass. Sost. I. I. Zaslavskii. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenija RSFSR, 1956. 62 p.
Seminar of geography teachers. G. B. Aronov. Geog. v shkole 19 no. 3:70 My-Je '56.
Use of photography by geography teachers. I. B. Macheret. Geog. v shkole 19 no. 3:57-58 My-Je '56.

GEOGRAPHY, ANCIENT
The anonymous geographical treatise "A complete description of the universe and its peoples." Translation, comments, and index by S. V. Poliakova, I. V. Felenkovskaia. Article by S. V. Poliakova. Viz. vrem. 8:277-305 '56.

GEOGRAPHY, ECONOMIC
(see also subdivision 'Economic geography' under Leningrad)
Baranskii, N. N. [Economic geography. Economic cartography] Ekonomicheskaia geografiia. Ekonomicheskaia kartografiia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 366 p.
"Economic geography of the U. S. S. R." Reviewed by A. Preobrazhenskii. Geog. v shkole 19 no. 3:71-73 My-Je '56.
Engineer's pencil draws a new face of the planet. Tekh. mol. 24 no. 6:20-26 Je '56.
Twentieth Congress of the Communist Party of the Soviet Union and problems of geography teaching. K. F. Stroev. Geog. v shkole 19 no. 3:1-5 My-Je '56.

GEOGRAPHY, HISTORICAL—HISTORY
"Historical geography. The history of its beginning and development from the 14th to the 18th century." V. K. IAtsunskii. Reviewed by A. P. Levandovskii. Vop. ist. no. 6:172-176 Je '56.

GEOGRAPHY, HISTORICAL—MAPS
Historical contour maps. L. Kovalenko, A. Tychina. Prep. ist. v shkole 11 no. 3:116 My-Je '56.

GEOGRAPHY, PHYSICAL see Physical geography

GEOLOGICAL MODELING

Application of the theory of similitudes to geological modeling. B. L. Shneerson. Trudy Inst. teor. geofiz. 3:94-106 '47.

GEOLOGICAL MUSEUMS see subdivision under Donets Basin

GEOLOGICAL TIME

Periodicity observed in climate variations of past geologic epochs and some problems of geochronology. G. F. Lungersgausen. Dokl. AN SSSR 108 no. 4:707-710 Je '56.

GEOLOGICAL TIME—CONGRESSES

Fifth session of the Committee on determining the absolute age of geological formations. V. I. Baranov. Geokhimiia no. 3:86 '56.

GEOLOGY
(see also subdivision under Altai Mountains; Antarctic regions; Ladoga Lake; Sakhara; Ukraine; Ural Mountains; Volga Valley)

The history of geological research in connection with road building in Russia from 1817 to 1870. B. M. Gumenskii, N. S. Komarov, M. I. Voronin. Trudy Inst. ist. est. i tekh. 7:3-22 '56.

"Using the geobotanical method in geological and hydrogeological research." S. V. Viktorov. Reviewed by M. I. Kotov. Ukr. bot. zhur. 13 no. 1:111-113 '56.

GEOLOGY—CONGRESSES see subdivision under Mexico

GEOLOGY—EXHIBITIONS see subdivision under Delhi; Geneva

GEOLOGY—SURVEYS see subdivision under Yakutia

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Altai Mountains; Azerbaijan; Bukhtarma Valley; Caucasus; Dnieper Lowland; Dnieper Valley; Donets Basin; Erivan; Fergana; Gornaya Shoriya; Karabakh Upland; Kazakhstan; Lena Valley; Russian Platform; Shakh-Dag; Siberia; Siberian Platform; Stalingrad Province; Tajikistan; Transcarpathian Province; Ukraine; Ural Mountains; Ural Mountain region; Volga Valley)

Some characteristics of the lithology of Quaternary deposits and methods of studying them. E. V. Rukhina. Vest. Len. un. 11 no. 12:47-57 '56.

GEOLOGY, STRUCTURAL
(see also subdivision under Caucasus; Caucasus, Northern; Donets Basin; Kurile Trench; Pamir; Soviet Central Asia; Tajikistan)

Classification of structural upheavals according to their age characters. S. P. Kozlenko. Dokl. AN SSSR 108 no. 4:704-706 Je '56.

GEOMETRICAL DRAWING

Boltianskii, V. G. [Figures of equal size and construction] Ravnovelikie i ravnosostavlennye figury. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 62 p. (Populiarnye lektsii po matematike, no. 22)

On the construction of figures in solid geometry. A. A. Pankratov. Mat. v shkole no. 4:23-31 Jl-Ag '56.

Problems in construction in the solid geometry course. B. V. Men'shikh. Mat. v shkole no. 4:47-56 Jl-Ag '56.

Solution of problems in the construction of cross sections of polyhedra. M. B. Gel'fand. Mat. v shkole no. 4:42-47 Jl-Ag '56.

The use of models for drawing combinations of polyhedra and spherical bodies. A. I. Volkhonskii. Mat. v shkole no. 4:56-63 Jl-Ag '56.

What students in secondary schools should know about the drawing of three-dimensional figures. M. P. Liapin. Mat. v shkole no. 4:31-42 Jl-Ag '56.

Working with devices for the solution of geometrical problems on structure. P. F. Daniliuk. Rad. shk. 35 no. 7:28-30 Jl '56.

GEOMETRY—BIBLIOGRAPHY see Bibliography—Geometry

GEOMETRY—PROBLEMS, EXERCISES, ETC.

A new variant for the proof of the theorem about the existence of incommensurable segments. M. S. Matskin. Mat. v shkole no. 4:63-65 Jl-Ag '56.

GEOMETRY, NON-EUCLIDEAN

Interpretation of Lobachevskii's geometry. B. A. Rozenfel'd. Ist.-mat. issl. no. 9:169-208 '56.

On a construction problem of Lobachevskii's geometry. O. S. Smolorzheva'kyi. Dop. AN URSR no. 6:398-401 '54.

Penetration of Lobachevskii's ideas into secondary schools. V. D. Chistiakov. Ist.-mat. issl. no. 9: 247-270 '56.

Philosophic meaning of Lobachev's geometry. E. Kol'man. Vest. AN SSSR 26 no. 6:72-77 Je '56.

Shirokov, P. A. [A short sketch of the fundamentals of Lobachevskii geometry] Kratkii ocherk osnov geometrii Lobachevskogo. Moskva, Gos. izd-vo tekhn.-teoret. lit-ry, 1955. 87 p. (RPB)

Who was the author of the anonymous review of Lobachevskii's "Pan-geometrie" in "Otechestvennye zapiski"? V. P. Zubov. Ist.-mat. issl. no. 9:123-128 '56.

GEOMETRY, NON-EUCLIDEAN—BIBLIOGRAPHY see Bibliography—Geometry, Non-Euclidean

GEOMETRY, PLANE

New methods for the devision of an angle and circle. F. V. Kobylyns'kyi. Rad. shk. 35 no. 7:27-28 Jl '56.

GEOMETRY, PROJECTIVE

"Linear algebra and projective geometry." R. Baer. [Translated from the English by E. G. Shul'geifer] Reviewed by B. A. Rozenfel'd. Usp. mat. nauk 11 no. 3:231-234 My-Je '56.

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICS
(see also subdivision under Garm Province)

Dissertations defended in the Scientific Council of the Geophysical Institute of the Academy of Sciences of the U. S. S. R. in 1956. F. A. Kirillov. Izv. AN SSSR. Ser. geofiz. no. 7:876-879 Jl '56.

International Geophysical Year. V. Troitskaia. Oktiabr' 33 no. 7:165-169 Jl '56.

Jumps in discontinuous solutions of dynamic equations in the theory of elasticity. G. A. Skuridin. Izv. AN SSSR. Ser. geofiz. no. 6:625-633 Je '56.

Meeting with Polish geophysicists. IU. D. Butanzhe. Vest. AN SSSR 26 no. 7:53-54 Jl '56.

GEORGIA—AGRICULTURE

Division of lower Kartaliniya into agricultural districts. V. Sh. Dzhaoshvili. Soob. AN Gruz. SSR 17 no. 5: 401-408 '56.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Georgia" pavilion; a guidebook] Pavil'on "Gruzinskaia SSR"; putevoditel. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

GEORGIA—ANTHROPOLOGY

The anthropology of the Udins. M. G. Abdusheilishvili. Soob. AN Gruz. SSR 17 no. 5:455-462 '56.

GEORGIA—CATTLE—DISEASES AND PESTS

Role of filariae in the etiology of the "Khutili" disease. I. T. Chubabriia, G. I. Goderdzishvili. Soob. AN Gruz. SSR 17 no. 5:443-450 '56.

GEORGIA—CHESS—TOURNAMENTS

Anniversary championship. A. Busiaev. Shakh. v SSSR 33 no. 8:243-244 Ag '56.

GEORGIA—CLAY

Purification of gases from sulfur organic compounds by means of activated clays from deposits in the Georgian S. S. R. IA. D. Zel'venskii, I. G. Sarishvili. Zhur. prikl. khim. 29 no. 6:833-841 Je '56.

GEORGIA—CULTURE

A book about the interrelationship of cultures ("Cultural ties of the Georgian people with neighboring peoples" [in Georgian]. Levan Asatiani. Book review). Druzh. nar. no. 6:182-183 Je '56.

GEORGIA—DWELLINGS

New types of dwellings in Khevsuria [in Georgian with summary in Russian]. T. A. Ochiauri. Mat. po etn. Gruz. no. 7:31-49 '55.

GEORGIA—FILARIA AND FILARIASIS

Role of filariae in the eitiology of the "Khutili" disease. I. T. Chubabriia, G. I. Goderdzishvili. Soob. AN Gruz. SSR 17 no. 5:443-450 '56.

GEORGIA—FOLKLORE OF AGRICULTURE

Georgian ceremonial masks connected with agriculture [in Georgian with summary in Russian]. Dzh. A. Rukhadze. Mat. po etn. Gruz. no. 7:181-198 '55.

GEORGIA—GEOGRAPHY

"Georgian S. S. R.; physical and economic geography." G. G. Gvelesiani, B. A. Klopotovskii. Reviewed by A. A. Mints. Geog. v shkole 19 no. 3:76-78 My-Je '56.

GEORGIA—GRAVITY

Interpretation of the regional gravitational picture of Georgia. M. A. Aizenberg. Trudy Inst. geofiz. AN Gruz. SSR 14:229-236 '55.

GEORGIA—HEATING

Importance of estimated winter outdoor air temperatures for the communities of the Georgian SSR. O. I. Kvitsaridze, G. A. Kotetishvili. Soob. AN Gruz. SSR 17 no. 5: 417-421 '56.

GEORGIA—HISTORY

"Information of Byzantine writers on Georgia," vol. 4, no. 2. Reviewed by Sh. V. Abramidze. Viz. vrem. 8:373-374 '56.

GEORGIA—LAND TENURE

Land crisis of crown peasants in 1830-1850's. I. G. Antelava. Trudy Abkh. inst. iaz., lit. i ist. no. 25:29-83 '54.

GEORGIA—MILITARY EDUCATION

Public-spirited instructor. N. Bochin. Voen. znan. 31[i. e. 32] no. 5:23 My '56.

GEORGIA—PEASANTRY—HISTORY

Land crisis of crown peasants in 1830-1850's. I. G. Antelava. Trudy Abkh. inst. iaz., lit. i ist. no. 25:29-83 '54.

Taxes and duties of Georgian crown peasants before the introduction of a new tax system in 1843-1845. I. T. Antelava. Trudy Abkh. inst. iaz., lit. i ist. no. 26:23-83 '55.

GEORGIA—PHYSICAL GEOGRAPHY

Dzhavakhishvili, A., and I. Shakarishvili. [Physical geography of the Georgian S. S. R.; a textbook for class 7] Fizicheskaia geografiia Gruzinskoi SSR; uchebnik dlia VII klassa. Izd. 6-oe, perer. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 131 p.

GEORGIA—PROSPECTING—GEOPHYSICAL METHODS

Engineering electric prospecting at a hydroelectric power construction site in the Georgian S. S. R. D. A. TSitsishvili. Trudy Inst. geofiz. AN Gruz. SSR 14:211-216 '55.

GEORGIA—SAND

Concentration of feldspar silica sands and their industrial utilization. K. T. Vartanian, V. I. Lutsenko. Soob. AN Gruz. SSR 17 no. 5:409-416 '56.

GEORGIA—SANITATION, HOUSEHOLD

Importance of estimated winter outdoor air temperatures for the communities of the Georgian SSR. O. I. Kvitsaridze, G. A. Kotetishvili. Soob. AN Gruz. SSR 17 no. 5: 417-421 '56.

GEORGIA—SHEEP

Materials on the history of sheep raising in Georgia [in Georgian with summary in Russian]. A. Kalandze. Mat. po etn. Gruz. no. 7:167-179 '55.

GEORGIA—TAXATION

Taxes and duties of Georgian crown peasants before the introduction of a new tax system in 1843-1845. I. T. Antelava. Trudy Abkh. inst. iaz., lit. i ist. no. 26:23-83 '55.

GEORGIA—TEACHING

Defense of dissertations in the Scientific Research Institute of Pedagogical Sciences of the Georgian S. S. R. during 1955. Sov. pedag. 20 no. 7:120-127 Jl '56.

GEORGIA—TERRESTRIAL ELECTRICITY

Methods of some results based on stationary observations of earth's electric currents in Dusheti and TSikhisdzhvari, Georgian S. S. R. V. V. Kebuladze. Trudy Inst. geofiz. AN Gruz. SSR 14:171-197 '55.

GEORGIA—TRACK ATHLETICS

On the eve of the sports tournament in Georgia. A. Arkhangel'skii. Leg. atl. no. 5:5-6 My '56.

GEORGIA—VITICULTURE

Materials on the history of viticulture and wine making in Georgia "marani" [in Georgian with summary in Russian]. N. S. Topuriia. Mat. po etn. Gruz. no. 7:131-165 '55.

Vineyard valley. M. Ramishvili. Neva no. 7:183-189 Jl '56.

GEORGIA—VOLCANOES

Morphology and history of the evolution of recent volcanic structures in southern Georgia. L. I. Maruashvili. Soob. AN Gruz. SSR 17 no. 4:321-327 '56.

GEORGIA—WHEAT—VARIETIES

Study of intraspecific interrelations in wheat varieties grown in Georgia. A. A. Eritsian. Soob. AN Gruz. SSR 17 no. 5:435-442 '56.

GEORGIA—WHEAT BREEDING

Breeding work for improving local varieties and developing new varieties of winter wheat in Georgia. L. A. Dekapretevich. Trudy Inst. zeml. AN Azerb. SSR 3:29-36 '55.

GEORGIAN EXPLORERS see Explorers, Georgian

GEORGIAN FOLKSONGS see Folksongs, Georgian

GEORGIAN GEOGRAPHERS see Geographers, Georgian

GEORGIAN LANGUAGE

Cases of labialization of the vowel A in the Svanetian language. G. I. Machavariani. Soob. AN Gruz. SSR 17 no. 4:365-368 '56.

GEORGIAN LITERATURE—HISTORY AND CRITICISM

A book about the interrelationship of cultures ("Cultural ties of the Georgian people with neighboring peoples" [in Georgian]. Levan Asatiani. Book review). Druzh. nar. no. 6:182-183 Je '56.

GEORGIAN MANUSCRIPTS see Manuscripts, Georgian

GEORGIAN MYTHOLOGY see Mythology, Georgian

GEORGIAN NUMISMATICS see Numismatics, Georgian

GEORGIAN PROVERBS see Proverbs, Georgian

GERASIMOV, ALEKSANDR PAVLOVICH, 1869-1943

In memory of Aleksandr Pavlovich Gerasimov. N. N. Slavianov. Trudy Lab. gidrogeol. probl. 1:273-274 '48.

GERASIMOV, SERGEI VASIL'EVICH, 1885-

Sergei Gerasimov's works. N. Sokolova. Iskusstvo 19 no. 3:29-34 '56.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN LANGUAGE—ADVERB

Qualitative and adverbial adverbs in modern German. K. P. Akulova. Uch. zap. Len. un. no.180:273-290 '55.

GERMAN LANGUAGE—FOREIGN WORDS AND PHRASES

Slavic vocabulary borrowings in the German language. O. F. Ripeta'ka. Dop. in pov. L'viv. un. no. 4, pt. 1:66-67 '53.

GERMAN LANGUAGE—GRAMMAR

One instance of grammatical synonymy in the German language. S. E. Kashchit-Tomasheva'ka. Dop. in pov. L'viv. un. no. 4, pt. 1:67-68 '53.

Problems of the passive in the German language. P. S. Dortort. Dop. in pov. L'viv. un. no. 4, pt. 1:69-72 '53.

GERMAN LANGUAGE—PARTICLES

Modal particles in the German language. E. A. Krashenin-nikova. Inostr. iaz. v shkole no. 4:17-24 Jl-Ag '56.

GERMAN LANGUAGE—STUDY AND TEACHING

Development of oral language skills in advanced German classes. Z. I. TSyrlina. Inostr. iaz. v shkole no. 4:86-90 Jl-Ag '56.

How to begin work with the new German language text-book for class 6. O. E. Kudriavtseva, R. L. Zlatogor-skaia, L. M. Strodt. Inostr. iaz. v shkole no. 4:25-38 Jl-Ag '56.

GERMAN LANGUAGE—WORD FORMATION

Work on free word combination; based on materials of the German language. E. L. Bragina. Inostr. iaz. v shkole no. 4:50-60 Jl-Ag '56.

GERMAN LITERATURE—PERIODICALS

Spirit of the times. V. Stezhenskii. Novyi mir 32 no. 6: 216-221 Je '56.

GERMAN REUNIFICATION QUESTION (1949- )

No change in policy. Nov. vrem. 14 no. 28:18 Jl '56.

Reality and illusion in the German question. Nov. vrem. 14 no. 31:1-2 Jl '56.

Symptomatic step. Nov. vrem. 14 no. 27:16-17 Je '56.

GERMANIUM

Effect of admixtures on the lifetime of excess charge carriers in germanium. A. V. Rzhanov. Zhur. tekh. fiz. 26 no. 7:1389-1393 Jl '56.

To the history of the discovery of germanium (eka-silicon). B. B. Dobrotin. Vest. Len. un. 11 no. 10:55-59 '56.

GERMANIUM-SILICON ALLOYS—ELECTRIC PROPERTIES

Electric conductivity of germanium-silicon alloys in the liquid state. M. S. Ablova, O. D. Elpt'evskaia, A. R. Regel'. Zhur. tekh. fiz. 26 no. 6:1366-1368 Je '56.

GERMANY—COMMUNIST PARTY

"The history of the Communist Bund" [in German]. Karl Obermann. Reviewed by M. I. Mikhailov. Vop. ist. no. 5:182-186 My '56.

GERMANY—COST AND STANDARD OF LIVING

Two trends in price movements. Mezhdunar. zhizn' no. 7:118-119 Jl '56.

GERMANY—HISTORY

The politics of a national catastrophe ("German imperialism and its wars, the national misfortune of Germany" [in German, Paul Wandel; "Die for Germany?" E. Dzélépy. Translated from the French by E. Rubinin. Reviewed by A. Iglitskii). Novyi mir 32 no. 7:205-207 Jl '56.

Special features of the November revolution of 1918 in Germany. V. I. Billik. Vop. ist. no. 6:88-98 Je '56.

GERMANY—HUNTING—PERIODICALS

"Forest and hunting." Reviewed by A. Kozlovskii. Okh. i okh. khoz. no. 7:54 Jl '56.

GERMANY—REVOLUTIONS

The character and motive force of the November revolution in Germany. IA. S. Drabkin. Vop. ist. no. 5:77-90 My '56.

GERMANY—SOCIALIST PARTY

Seventh Congress of the Social Democratic Party of Germany. Mezhdunar. zhizn' no. 8:134-135 Ag '56.

GERMANY—SOILS

Excursion of German and Soviet soil scientists. V. M. Fridland. Vest. AN SSSR 26 no. 7:101-103 Jl '56.

GERMANY—WORLD WAR, 1939-1945

How far the plans of the Hitlerites extended. Nov. vrem. 14 no. 26:26 Je '56.

GERMANY—WORLD WAR, 1939-1945—HISTORY

The rebirth of German militarism. I. M. Maiskii. Vop. ist. no. 5:156-168 My '56.

GERMANY—WORLD WAR, 1939-1945—PRISONERS AND PRISONS, RUSSIAN

From the editor's mail; a letter to German miners. Nov. vrem. 14 no. 34:26-27 Ag '56.

GERMANY, EAST—ACCOUNTING

Accounting and economic analysis in the German Democratic Republic. M. Pizengol'ts. Bukhg. uchet 15 no. 7:53-56 Jl '56.

GERMANY, EAST—AGRICULTURAL MACHINERY

Some problems of agricultural mechanization in the German Democratic Republic. IU. S. Liubyns'kyi. Mekh. sil'. hosp. 7 no. 9:31-3 of cover S '56.

GERMANY, EAST—ALLIED OCCUPATION, 1945-

We shall remain friends. M. Podkliuchnikov. Ogonek 34 no. 27:4-5 Jl '56.

GERMANY, EAST—AUTOMOBILES—MAINTENANCE

Maintenance and repair of automobiles in the German Democratic Republic. Avt. transp. 34 no. 6:37-38 Je '56.

GERMANY, EAST—BUDGET

Finance and establishment of the foundation of socialism in the German Democratic Republic. N. Nikolaev. Fin. SSSR 17 no. 6:41-50 Je '56.

GERMANY, EAST—COMMERCE

Foreign trade of the German Democratic Republic during 1955 [with summary in English, p. 31]. V. Voitov. Vnesh. torg. 26 no. 7:8-13 Jl '56.

GERMANY, EAST—CORN (MAIZE)

Corn cultivation and breeding in the German Democratic Republic. G. V. Miuller. Priroda 45 no. 7:93-96 Jl '56.

GERMANY, EAST—DESCRIPTION AND TRAVEL

Beyond the Oder; sketches from a trip abroad. Leonid Sulerko. Zhovten' 6 no. 7:57-67 Jl '56.

GERMANY, EAST—ECONOMIC CONDITIONS

Development of the economy of the German Democratic Republic in the second five-year plan. G. Kharakhash'-ian. Vop. ekon. no. 7:132-140 Jl '56.

Finance and establishment of the foundation of socialism in the German Democratic Republic. N. Nikolaev. Fin. SSSR 17 no. 6:41-50 Je '56.

New information on the economic development of the German Democratic Republic. Mezhdunar. zhizn' no. 6: 112-113 Je '56.

GERMANY, EAST—EDUCATION

Fifth Pedagogical Congress of the Teachers of the German Democratic Republic. Sov. pedag. 20 no. 7:128 Jl '56.

GERMANY, EAST—FLAX

Important conditions for increasing the production of flax; from work practice in flax growing in the German Democratic Republic. Len i konop. no. 5:48 Jl '56.

GERMANY, EAST—FOREIGN RELATIONS

Interview given to "Mezhdunarodnaia zhizn'" by Lothar Bolz, Vice President of the Council of Ministers and Minister of Foreign Affairs of the German Democratic Republic. Mezhdunar. zhizn' no. 6:26-30 Ag '56.

GERMANY, EAST—FOREIGN RELATIONS—KOREA, NORTH

Signing of a protocol between the Korean People's Democratic Republic and the German Democratic Republic. Nov. Kor. no. 6:40 Je '56.

GERMANY, EAST—FOREIGN RELATIONS—RUSSIA

Full agreement on principles. Ogonek 34 no. 30:2 Jl '56.

Statement on the results of negotiations between the Soviet Union and German Democratic Republic. Nov. vrem. 14 no. 30:supplement Jl '56.

GERMANY, EAST—FORESTS AND FORESTRY

Two weeks in the German Democratic Republic. A. D. Ponomarev, A. B. Zhukov, V. I. Gorshechnikov. Les. khoz. 9 no. 6:81-87 Je '56.

GERMANY, EAST—GAS, NATURAL

Development of production and use of gas in the German Democratic Republic. Nauka i zhizn' 23 no. 6:32 Je '56.

GERMANY, EAST—INDUSTRIAL MANAGEMENT

Accounting and economic analysis in the German Democratic Republic. M. Pizengol'ts. Bukhg. uchet 15 no. 7:53-56 Jl '56.

GERMANY, EAST—OILS AND FATS

Notes on the oils and fats industry in the German Democratic Republic. A. M. Zharskii. Masl.-zhir. prom. 22 no. 4:30-33 '56.

GERMANY, EAST—PLANT BREEDING

Breeding agricultural crops in the German Democratic Republic. N. D. Mukhin. Sel. i sem. 21 no. 3:54-58 '56.

GERMANY, EAST—POLITICS AND GOVERNMENT

The German Democratic Republic. V. Shumkov. Otv. na vop. trud. no. 67:42-52 '56.

GERMANY, EAST—VETERINARY RESEARCH

Friedrich Löffler's scientific research Institute of Epizootiology on Rims Island. Potel'. Zhur. mikrobiol. epid. i immun. 27 no. 7:101-102 Jl '56.

GERMANY, WEST—AIR BASES, AMERICAN

Bach and jet planes. Nov. vrem. 14 no. 34:15 Ag '56.

GERMANY, WEST—ALLIED OCCUPATION, 1945

Dangerous "defenders." Nov. vrem. 14 no. 35:19-20 Ag '56.

GERMANY, WEST—ARMY—RECRUITING AND ENLISTMENT

"Operation fiasco." Nov. vrem. 14 no. 32:18 Ag '56.

GERMANY, WEST—COAL MINERS

From the editor's mail; a letter to German miners. Nov. vrem. 14 no. 34:26-27 Ag '56.

One of thousands. G. Muller. Mol. mira no. 6:2-6 '56.

GERMANY, WEST—COMMERCE

Expansion of West-German monopolies in the capitalist world market. B. Pichugin. Mezhdunar. zhizn' no. 7: 58-69 Jl '56.

Foreign trade of the German Federal Republic in 1955 [with summary in English, p. 31]. B. Pichugin. Vnesh. torg. 26 no. 6:10-15 Je '56.

GERMANY, WEST—COMMERCE—CHINA

The embargo must end. Nov. vrem. 14 no. 29:19 Jl '56.

GERMANY, WEST—COMMUNIST PARTY

Arbitrary and illegal act. Wolfgang Wagner. Nov. vrem. 14 no. 35:12-16 Ag '56.

GERMANY, WEST—COST AND STANDARD OF LIVING

The reverse side of West Germany's "economic miracle." D. Mel'nikov. Nov. vrem. 14 no. 32:12-15 Ag '56.

GERMANY, WEST—DEFENSES

Bonn is freightened. Nov. vrem. 14 no. 32:16-17 Ag '56.

From "cold war" positions. Mezhdunar. zhizn' no. 6:128-130 Je '56.

Knights of the "sword and shield." Nov. vrem. 14 no. 35: 18 Ag '56.

Predatory plans of West German militarists. O. Nakropin. Blok. agit. no. 10:26-34 Ap '54.

GERMANY, WEST—DESCRIPTION AND TRAVEL

Through West Germany. D. Mel'nikov. Mezhdunar. zhizn' no. 8:109-119 Ag '56.

A trip in a red bus (to be continued). Lev Ginzburg. Nov. vrem. 14 no. 31:19-23 Jl '56.

A trip in a red bus. Lev. Ginzburg. Nov. vrem. 14 no. 32:19-24 Ag '56.

GERMANY, WEST—ECONOMIC CONDITIONS

Gaikin, A. A., and O. M. Nakropin. [The German Federal Republic; economic and political situation] Federativ-naia Respublika Germanii; ekonomicheskoe i politiche-skoe polozhenie. Moskva, Gos. izd-vo polit. lit-ry, 1956. 81 p.

"The history of the situation of the worker in Germany from 1789 to the present." Vol. 2; part 2: West Germany since 1945 [in German]. Jürgen Kuczynski. Reviewed by G. Bespalov. Mezhdunar. zhizn' no. 7: 137-140 Jl '56.

GERMANY, WEST—ELECTRIC POWER

Figures on power consumption of industrial establishments in West Germany and Austria (Energie, no. 11, 1955). Prom. energ. 11 no. 5:30-32 My '56.

GERMANY, WEST—FOREIGN RELATIONS

Characteristic features of the foreign policy of the German Federal Republic. Otto Winzer. Mezhdunar. zhizn'. no. 8:49-60 Ag '56.

GERMANY, WEST—FOREIGN RELATIONS—EUROPE, EASTERN

Reprimands don't help. Nov. vrem. 14 no. 33:18 Ag '56.

GERMANY, WEST—FOREIGN RELATIONS—RUSSIA

Nonsense. Nov. vrem. 14 no. 33:18 Ag '56.

GERMANY, WEST—FOREIGN RELATIONS—UNITED STATES

Futile visit. Nov. vrem. 14 no. 26:18-19 Je '56.

In search of "moral support." Mezhdunar. zhizn' no. 7:120-122 Jl '56.

GERMANY, WEST—HOURS OF LABOR

Women in their turn demand a reduction in working time. Paliga. Vsem. prof. dvizh. no. 8:26 Je '56.

GERMANY, WEST—LOADING AND UNLOADING

Maneuverable loader of new design (From "Holzzentra-blatt, 1956). Der. prom. 5 no. 8:30-31 Je '56.

GERMANY, WEST—MILITARY SERVICE, COMPULSORY

Military laws in the parliament of the German Federal Republic. Mezhdunar. zhizn' no.6:114-115 Je '56.

New obstacle to German reunification. Nov. vrem. 14 no.29:16 Jl '56.

GERMANY, WEST—POLITICAL CRIMES AND OFFENSES

"Crime" of Lora Schacht. B.Kamins'kyi. Rad. zhin. 11 no.7:23 Jl '56.

GERMANY, WEST—REFUGEES

Another exaggerated sensation. Nov. vrem. 14 no.34: 16 Ag '56.

A trip in a red bus. Lev. Ginzburg. Nov. vrem. 14 no.32:19-24 Ag '56.

GERMANY, WEST—SLAVIC STUDIES

Scholarly contacts make it possible to work productively; interview with M. Vasmer. Slaviane no.8:12-13 Ag '56.

GERMANY, WEST—SUGAR—STATISTICS

Consumption of sugar in West Germany in 1954-1955 ["Zucker" no. 1 1956]. D.B. Sakh.prom. 30 no.5: 76 My '56.

GERMANY, WEST—TAXICABS

Rough passengers. Nov. vrem. 14 no.30:18 Jl '56.

GERMANY, WEST—TRUSTS, INDUSTRIAL

Economic expansion of the West German monopolies in the postwar period. M.K. Bunkina. Vest. Mosk. un. 11 no.4:83-99 Ap '56.

GERMANY, WEST—UKRAINIANS

Dobrians'kyi, Mykhailo. [The Association against the Institute; what is the meaning of the attack of the Association of Independent Soviet Studies against Ukrainians cooperating with the Institute for the study of the U.S.S.R.] Asotsiiatsiia proty instytutu; shcho oznachaie vystup Asotsiiatsii nezaleshnykh sovietoznavtsiv proty ukrains'koi privpratsi z Instytutom dlia vyvchennk. SSSR. V dodatku dlvpovid' ukrains'koi hrupy v Instytuti kerivnykam Asotsiiatsii. Miunkhen, Nakladom "Sobornoi Ukrainy," 1956. 42 p.

GERMANY, WEST—WIRE TAPPING

"Careful, your friends are listening." Nov. vrem. 14 no.31:17 Jl '56.

GERMICIDES see Disinfection and disinfectants

GERMINATION

Biology of the germination of maple seeds. V.G. IUdin. Trudy Bot. inst. Ser. 4 no.11:351-369 '56.

Characteristics of European ash seeds from various geographical sources. N.N. Varasova. Trudy Bot. inst. Ser. 4 no.11:370-387 '56.

How to increase the germinating power of stone fruit seeds. M.G. Gurgenidze. Sad i og. no.6:45-46 Je '56.

Methods for determining the viability of seeds of winter grain crops. Z.M. Kaloshina. Sel. i sem. 21 no.3: 16-20 '56.

Water cycle of spindle tree seeds in connection with stratification and germination. M.G. Nikolaeva. Trudy Bot. inst. Ser. 4 no.11:331-350 '56.

GERMS see Bacteriology

GERO, ERNO, 1898-

People and events. Nov. vrem. 14 no.32:29-30 Ag '56.

GERTSRIKEN, S.D.

Concerning S.D. Gertsriken's letter on the "Mechanism of diffusion." V.I. Arkharov. Fiz. met. i metalloved. 2 no.2:378 '56.

GEVELINGA, ALEKSANDR

In step with spring ("Rendezvous." A. Gevelinga. Reviewed by B. Kezhun). Neva no.7:180 Jl '56.

GEYSERS

Heat from the earth's depth. V. Ivanov. Smena 33 no.14:11 Jl '56.

GHENT—LIPIDS—CONGRESSES

Second International Conference on Lipids and the Third International Biochemical Congress. V.A. Belitser and others. Vop. med. khim. 2 no.1:73-79 Ja-F '56.

GIARDIASIS

Clinical aspects of lambliasis. S.A. Gleikhman. Voen.-med. zhur. no.6:23-28 Je '51.

GINSENG see subdivision under China

GIRDERS

Beam of great curvature on an elastic basis. D.V. Vainberg. Dop. AN URSR no.2:34-39 '48.

Bending of some tubular cantilever bars. L.K. Kapanian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no.3:33-43 '56.

Effect of impulse loads on a girder resting on a foundation having double elastic characteristics. B.G. Koreney, M.N. Ruchimskii. Izv. AN SSSR. Otd. tekh. nauk no.6:157-158 Je '56.

Formulas for the bimoment in the elasto-plastic state of an I-beam. O.I. Strel'byts'ka. Dop. AN URSR no.6:435-438 '54.

Integration of the differential equation of a bent axis of a compound girder with an transverse load. L.I. Kormakov. Dop. AN URSR no.6:439-444 '54.

Kalmanok, A.S. [The calculation of wall beams] Raschet balok-stenok. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956, 145 p.

Mastering the production of lightweight I-beams. N.F. Prostov, V.P. Khlebnikov. Metallurg. no.4:18-21 Ap '56.

New method of determining the deformation of beams resulting from bending. G.M. Mkhitarov. Sred. spets. obr. no.8:39-45 Ag '56.

Precast concrete girders with prestressed lower chord. N.P. Kuz'michev. Biul. stroi. tekh. 13 no.6:9-13 Je '56.

Prestressed reinforced elements for roofs of industrial buildings. I.G. Liudkovskii. Biul. stroi. tekh. 13 no.7:10-15 Jl '56.

Three-dimensional strength of certain types of beam girders. V.I. Reut. Izv. AN SSSR. Otd. tekh. nauk no.9:84-100 S '56.

Twenty-four meter prestressed reinforced concrete beam. A.I. Avakov, V.A. Kopchugov. Nov. tekh. i pered. op. v stroi. 18 no.7:3-6 Jl '56.

GIRDERS—TESTING

Testing reinforced trusses at the Gorkiy Hydroelectric Power Station. G.E. Mironov. Gidr. stroi. 25 no.6: 51-52 Jl '56.

GIRGOLAV, SEMEN SEMENOVICH, 1881-

Fiftieth anniversary of the pedagogical and social activities of Prof. S.S. Girgolav. Khirurgiia no.5:82-83 My '56.

GISSAR VALLEY—EARTHQUAKES

Seismotectonic conditions of the Gissar Valley. I.E. Gubin, L.B. Vasil'eva. Biul. Sov. po seism. no.1:67-84 '55.

GIZHITSKII, ALEKSANDR MARIANOVICH, 1878-1956

Aleksandr Marianovich Gizhitskii; obituary. Astron. tsir. no.167:32-33 F '56.

GLACIAL EPOCH

(see also subdivision under Baikal region)

The limit of the Valdai glaciation in the Russian Plain. A.M. Arkhangel'skii. Izv. Vses. geog. ob-va 88 no.3:286-291 My-Je '56.

GLACIER (SHIP)

Electric power plant on the American ship "Glacier." I.S. Dashevskii. Sudostroenie 22 no.5:49-51 My '56.

GLACIERS

(see also subdivision under Dzungarian Ala-Tau; Terskei Ala-Tau)

Temperature of ice in glaciers. G.A. Avsiuk. Trudy Inst. geog. no.67:63-141 '56.

GLADKOV, FEDOR VASIL'EVICH, 1883-

The elder's advice ("On literature." Fedor Gladkov. Reviewed by V. Beletskaia). Ogonek 34 no.20:13 Je '56.

GLANDS, MAMMARY see Mammary glands

GLANDS, SALIVARY see Salivary glands

GLASS

Calculating the compressibility of quartz glass. E.F. Pichugin. Trudy MKHTI no.21:45-48 '56.

Determining the speed of supersonic waves in glass by means of a composite piezoelectric crystal resonator. A.V. Gladkov. Trudy MKHTI no.21:34-38 '56.

Investigation of the structure of micro-heterogeneous glass and vitreous $B_2O_3$ by the low temperature heat capacity method. V.V. Tarasov, E.F. Stroganov. Trudy MKHTI no.21:26-33 '56.

New developments in science and technology. Mol. mira no.4:15 '56.

Obtaining and investigating glass of the anorthite-diopside-rhodonite system. I.I. Kitaigorodskii, V.A. Rishina. Trudy MKHTI no.21:61-66 '56.

Temperature, pressure and volume dependence of the kinetic properties of liquids and glasses. N.I. Shishkin. Zhur. tekh. fiz. 26 no.7:1461-1482 Jl '56.

GLASS—ANALYSIS

Rapid method for the chemical analysis of soluble glass. M.A. Maiveev, N.I. Gludina. Trudy MKHTI no.21:49-56 '56.

GLASS—DEFECTS

Causes for seeds and bubbles in the glass ribbon. K.IA. Ananichev. Stek. i ker. 13 no.7:27-28 Jl '56.

GLASS—TESTING

Method of determining maximum deformation of glass samples subjected to breakdown and the modulus of elasticity. I.I. Kitaigorodskii, T.N. Keshishian, A.I. Berezhnoi. Trudy MKHTI no.21:39-44 '56.

Methods of testing glass for strength. G.M. Bartenev, A.I. Ivanova. Stek. i ker. 13 no.7:12-15 Jl '56.

GLASS, PLATE see Plate glass

GLASS FIBERS

Effect of heat treatment on the mechanical strength of glass wool. I.I. Kitaigorodskii, T.N. Keshishian, M.D. Epel'baum. Trudy MKHTI no.21:67-73 '56.

GLASS MANUFACTURE

(see also subdivision under Gorkiy; Great Britain; United States)

Foam glass made of locally available raw materials. L.K. Kovalev, R.L. Shunter. Stek. i ker. 13 no.7: 15-16 Jl '56.

Using graphite electrodes in electric glass kilns. M.O. Manvelian and others. Stek. i ker. 13 no.7:1-7 Jl '56.

GLASS MANUFACTURE—CHEMISTRY

Chemical structures of refractory glass. R.L. Mueller. Zhur. fiz. khim. 30 no.5:1148-1150 My '56.

GLASS MANUFACTURE—STUDY AND TEACHING

Miasnikov, K.A., and I.S. Shur. [Principles governing the designing of glass factories] Osnovy diplomnogo proektirovaniia stekol'nykh zavodov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1955, 471 p.

———— [Collection of designs; a supplement to the text] Al'bom chertezhei; prilozhenie k uchebniku. 1955. 57 p.

GLAUBER'S SALT

Processing of salt rocks containing glauberite. IA.D. Fridman. Izv. AN Kir. SSR no.1:23-28 '55.

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936

Precocious child editor. Novyi mir 32 no.6:279-280 Je '56.

GLEBOV, IVAN TIMOFEEVICH, 1806-1864

I.T. Glebov, an outstanding man of Russian medicine; 150th anniversary of his birth. IU.P. Lisitsyn. Sov. med. 20 no.6:81-87 Je '56.

GLIDERS (AERONAUTICS)—MODELS

Adjustment and launching of soaring airplane-glider models supplied with motors. A. Ermakov. Kryl. rod. 7 no.6:20-21 Je '56.

GLIDING (AERONAUTICS)

(see also subdivision under China; Oblikar-Ola)

Into warm air currents with a mechanical start. V. Davydaitis. Kryl. rod. 7 no.15-16 Jl '56.

Makarov, V.N., and V.IA. Simonov. [Mechanically powered take-off for gliders] Mekhanizirovannyi vzlet planera. Moskva, Izd-vo DOSAAF, 1956, 140 p.

Winch for launching gliders. P. Nazarov. Kryl. rod. 7 no.6:19 Je '56.

GLIERE, REINHOLD MORITSEVICH, 1875-1956

R.M. Gliere; obituary. Ogonek 34 no.27:26 Jl '56.

R.M. Gliere. Sov. muz. 20 no.6:150 a-b Ag '56.

GLOBULINS

Electronoscopic investigation of the macromolecular structure of serum albumins and globulins. G.M. Malboroda. Biofizika 1 no.2:170-173 '56.

GLUBOCHEKSKAYA HYDROELECTRIC POWER STATION

Construction of a hydroelectric power station to serve more than one collective farm. IU. Dmitriev. Sel'. stroi. 11 no.5:5-6 My '56.

GLUCOSE

Inhibition of the phosphorylation of glucose in the alloxan diabetes [with English summary in insert]. A.N. Petrova, R.M. Bekina. Biokhimiia 21 no.3:369-373 My-Je '56.

Some indexes of the effectiveness of the transfusion of whole plasma and glucose in caring for premature infants. G.K. Gafarova. Vop. okh. mat. i det. 1 no.3: 15-19 My-Je '56.

GLUCOSIDES

New drugs for cardiovascular diseases. K.F. Vlasov. Voen.-med. zhur. no.9:7-12 S '55.

GLUE

Characteristics of carbamide resins used in the furniture industry abroad. A.G. Zabrodkin. Der. prom. 5 no.7:27-28 Jl '56.

High-viscosity iditol glue. M.B. Levin. Sudostroenie 22 no.4:39-40 Ap '56.

The making of resin glue for furniture veneering. G.V. Morushkin. Der. prom. 5 no.7:19-20 Jl '56.

The use of sulfite-protein glue in veneering. O.D. Volodina. Der. prom. 5 no.7:21-23 Jl '56.

GLUING

Krotova, N.A. [Gluing and adhesion] O sklelvanii i prilipanii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 164 p.

GLUSHCHENKO, NIKOLAI PETROVICH

The bard of Ukrainian nature. Mirra Goladze. Sov. Ukr. 6 no.7:187-190 Jl '56.

GLUTAMIC ACID

Glutamic (aminoglutaric) acid. Voen.-med. zhur. no. 9: 94 S '55.

Nitrogen metabolism in experimental nephritis. S. F. Epshtein. Ukr. biokhim. zhur. 23 no. 4:407-417 '51.

Participation of the nerve tissue proteins of the brain in the processes of excitation and inhibition. R. Vrba. Usp. sovr. biol. 41 no. 3:321-352 My-Je '56.

GLUTAMINE

Distribution of glutamine between erythrocytes and blood plasma under normal conditions and in hypoxemia. A. I. Sylakova, K. H. Kharkevych. Ukr. biokhim. zhur. 23 no. 4:398-406 '51.

GLUTEN

Machine for gluten washing. Muk.-elev. prom. 22 no. 7:32 Jl '56.

GLYCEROL

Improved method for the purification of sweet water. N. M. Bokov. Masl.-zhir. prom. 22 no. 4:22-24 '56.

Preparation of synthetic glycerin. P. G. Sergeev, A. A. Vinogradov, L. M. Bukreeva. Khim. nauka i prom. 1 no. 3:281-286 '56.

GLYCIDIC ACID

Research in the field of compounds containing a three-membered oxidic ring. Part 16. Study of the interaction of ammonia with esters of glycidic acids. V. F. Martynov, Zh. D. Vasilutina, L. P. Nikulina. Zhur. ob. khim. 26 no. 5:1405-1413 My '56.

GLYCINE

Differential titration of tripeptides and diketopiperazines in the products of polycondensation of the ethyl ester of glycine. K. T. Poroshin, T. D. Kozarenko, IU. I. Khurgin. Izv. AN SSSR, Otd. khim. nauk no. 5:620-626 My '56.

Radioactive products of the transformation of glycin-1-$C^{14}$ in the brain tissue of the rat. N. V. Sadikova, V. A. Skvortsevich. Vop. med. khim. 2 no. 2:128-132 Mr-Ap '56.

GLYCOGEN

Effect of X-ray irradiation and heat on the capacity of egg albumin to form complex compounds with glycogen. E. L. Rozenfel'd, E. G. Plyshevskaia. Biofizika 1 no. 2:143-145 '56.

Role of complex compound formation in the radioresistance of myosin. A. M. Kuzin, E. G. Plyshevskaia. Biofizika 1 no. 2:141-142 '56.

GLYCOLYSIS

Data on the study of experimental muscular dystrophy. Report no. 5: Glycolytic processes in muscles in experimental muscular dystrophy. V. A. Ilrihor'leva. Ukr. biokhim. zhur. 23 no. 4:390-397 '51.

Effect of magnesium anesthesia on the glycolysis of blood and the sugar content of blood and skin. M. D. Kiverin, Z. N. Makeeva, A. I. TSaregorodtsev. Vop. med. khim. 2 no. 2:103-108 Mr-Ap '56.

GLYCOSIDES

Distribution of colored glycosides in the tissues of the human and animal heart. I. I. Sivertsev. Trudy Inst. fiziol. AN Kazakh. SSR 1:5-12 '56.

Effect of erysimine on cardiovascular insufficiency. N. I. Solomchenko. Sov. med. 20 no. 6:57-61 Je '56.

GNATENKO, GRIGORII IVANOVICH

Courageous cutter commander. M. Abramov. Sov. mor. 16 no. 8:6 Ap '56.

GOA

What is Goa. S. Sergeeva. Otv. na vop. trud. no. 67:52-57 '56.

GOATS

Effect of shearing goats twice a year in increasing wool production. G. G. Zelenskii. Ovtsevodstvo no. 7:25-26 Jl '56.

GOBI—RAILROADS

Road through the Gobi. A. Avdeev. Nash. sovr. 2:249-251 '56.

GÖTTINGEN—SCIENCE

Göttingen Scientific Society and N. I. Lobachevskii. Ist.-mat. issl. no. 9:107-110 '56.

GOITER see subdivision under Stanislav Province

GOLD

Recovery of metallic gold from industrial wastes by means of synthetic resins. A. B. Davankov, V. M. Laufer. Zhur. prikl. khim. 29 no. 6:952-955 Je '56.

GOLD COAST

The Gold Coast; answers to readers' questions. Nov. vrem. 14 no. 34:29-30 Ag '56.

GOLD MINES AND MINING see subdivision under Darasun

GOLD ORES

(see also subdivision under Transbaikalia)

Precious finds. I. Rozhkov. Sov. Soiuz no. 5:36 My '56.

GOL'DMAN, IUNII

More accurately, profoundly, and actively ("Roll call." [Unii Gol'dman. Reviewed by L. Altaevl. Sib. ogni 35 no. 3:186-188 My-Je '56.

GOLUSHKEVICH, SERGEI SERGEEVICH, 1903-1956

Sergei Sergeevich Golushkevich. G. IU. Dzhanelidze, A. I. Lur'e, N. A. Talitskikh. Izv. AN SSSR. Otd. tekh. nauk no. 8:143-144 Ag '56.

GOLYNSKII, VASILII ANDREEVICH, 1854-1904

Riddle of the monogram. M. Gorelov. Neva no. 6:188 Ag '56.

GOMEL'—CONSTRUCTION INDUSTRY

A building goes up. M. Bury. Belarus' 13 no. 7:5 Jl '56.

GOMEL'—FURNITURE INDUSTRY

Methods for increasing labor productivity. L. Shkol'nikov. Prom. koop. no. 5:22-23 My '56.

GOMEL'—KNIT GOODS INDUSTRY

The heart of a workshop. M. Liubimova. Rab. i stal. 32 no. 9:6-7 S '56.

GONORRHEA

Streptomycin treatment for gonorrhea in women. A. P. Nevel'. Vest. ven. i derm. no. 3:58 My-Je '56.

Treatment of gonorrheal urethritis with levomycetin. V. M. Pobegailo, B. T. Glukhen'kii. Vest. ven. i derm. no. 3:58 My-Je '56.

GOOSE see Geese

GORBATOV, BORIS LEONT'EVICH, 1908-

Soviet youth ("My generation" and "Aleksei Gaidash." Boris Gorbatov. Reviewed by A. Pulinets, D. Medrish). Sov. Ukr. 6 no. 6:179-180 Je '56.

GORI DISTRICT—EARTHQUAKE, 1953

Earthquake, February 12, 1953, in the Gori District. T. M. Lebedeva, V. G. Papalashvili. Trudy Inst. geofiz. AN Gruz. SSR 13:140-157 '54.

GOR'KII, MAKSIM, 1868-1936

A. M. Gor'kii, great word artist. E. M. Galkina-Fedoruk. Rus. iaz. v shkole 17 no. 3:6-16 My-Je '56.

A. M. Gor'kii on V. I. Lenin. I. Hutarau. Belarus' 13 no. 6:1-2 Je '56.

"A. M. Gor'kii, propagandist of science." M. Unovich. Reviewed by G. Mendelevich. Novyi mir 32 no. 7:269-270 Jl '56.

A. M. Gor'kii's creative laboratory. B. Bialik. Novyi mir 32 no. 6:222-230 Je '56.

Aleksei Maksimovich Gor'kii. L. Rumanova. Ktub 5 no. 5:29-30 My '56.

The author and the reader. B. Bialik. Neva no. 6:161-168 Je '56.

Contrary to the author's intent. Novyi mir 32 no. 6:280 Je '56.

Correspondence between A. M. Gor'kii and M. E. Kol'tsov. Published by the A. M. Gor'kii Archive. Novyi mir 32 no. 6:149-160 Je '56.

Encounters; an article. Nikolai Anov. Sov. Kazakh 22 no. 6:110-114 Je '56.

Great achievement of a writer. M. F. Matvichuk. Visnyk AN URSR 27 no. 6:3-12 Je '56.

A half year in Sorrento. Fedor Bogorodskii. Oktiabr' 33 no. 6:154-165 Je '56.

An important precept; M. Gor'kii on ties between science and literature. G. Mendelevich. Nash. sovr. 2:220-231 '56.

Language of A. M. Gor'kii in "Spring melodies" and "Song of the petrel." G. G. Volkov. Rus. iaz. v shkole 17 no. 3:29-31 My-Je '56.

M. Gor'kii in Spain. S. IA. Brodskaia. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:230-236 My-Je '56.

M. Gor'kii; on the 20th anniversary of his death. Sots. Uz. 15 no. 6:14 Je '56.

Meaning and function of the social and political vocabulary and phraseology in "Mother," the novel by A. M. Gor'kii. I. A. Fedosov. Rus. iaz. v shkole 17 no. 3:17-24 My-Je '56.

Meetings with Gor'kii. V. Salanov. Neva no. 6:151-160 Je '56.

A new volume of the Gor'kii Archive ("A. M. Gor'kii. Letters to E. P. Peshkova, 1895-1906." Vol. 5. Reviewed by A. Shumakii). Novyi mir 32 no. 6:230-241 Je '56.

Our Gor'kii. Dal'. Vost. 24 no. 3:165-169 My-Je '56.

School study of the language in "Mother," the novel by A. M. Gor'kii. V. V. Litvinov. Rus. iaz. v shkole 17 no. 3:42-50 My-Je '56.

Shaliapin at Gorkii's. V. Rozhdestvenskii. Neva no. 6: 158-162 Ag '56.

Some syntactic features of the dialogue in "Mother," the novel by A. M. Gor'kii. S. M. Potapov. Rus. iaz. v shkole 17 no. 3:25-28 My-Je '56.

The stormy petrel; on the 20th anniversary of A. M. Gor'kii's death. Alena Lenau. Rabot. stal. 32 no. 6:10-11 Je '56.

Teacher and mentor of Soviet writers; on the 20th anniversary of M. Gor'kii's death. D. Shulenko. Sov. Ukr. 6 no. 6:167-172 Je '56.

That battle was won; an article. D. Nikolich. Sov. Kazakh 22 no. 6:114-115 Je '56.

Three encounters. S. Marshak. Translated from the Russian. Pionerila 33 no. 6:3-5 Je '56.

Unpublished letters by A. M. Gor'kii. Oktiabr' 33 no. 6: 150-153 Je '56.

We are the creators of life. B. Galin. Ogonek 34 no. 25: 17-19 Je '56.

GOR'KII, MAKSIM, 1868-1936—BIBLIOGRAPHY see Bibliography—Gor'kii, Maksim, 1868-1936

GORKIY—GLASS MANUFACTURE

Causes for seeds and bubbles in the glass ribbon. K. IA. Anan'ichev. Stek. i ker. 13 no. 7:27-28 Jl '56.

GORKIY—LANDSLIDES

At the "holy" well. N. A. Lebedev. Nauka i zhizn' 23 no. 6:45 Je '56.

GORKIY—METALLURGY

Conference of readers of the "Metallovedenie i obrabotka metallov" journal at the V. M. Molotov Automobile Plant in Gorkiy. Metalloved. i obr. met. no. 7:64 Jl '56.

GORKIY—OPERA

"The golden cockerel." Teatr 17 no. 6:142-143 Je '56.

GORKIY—THEATER

The Poloznov family. N. Pokrovskii. Ogonek 34 no. 26:16 Je '56.

GORKIY DISTRICT (MOGILEV PROVINCE)—SOVIET

Active members are the mainstay of rural soviets. E. Medvedskii. Komm. Bel. 29 no. 8:39-43 Ag '56.

GORKIY PROVINCE—CITIES AND TOWNS

Some remarks on L. L. Trube's book "Our cities." Reviewed by B. S. Khorev. Vop. geog. no. 38:265-266 '56.

GORKIY PROVINCE—EDUCATION

Conclusions drawn from progressive practice. V. Krishtafovich. Nar. obr. no. 6:15-22 Je '56.

GORKIY PROVINCE—RETTING

From dew retting to water retting. N. P. Lednev, I. I. Razumovskii. Len i konop. no. 5:37-40 Jl '56.

GORKIY PROVINCE—SUMMER RESORTS

The entire family is vacationing here. I. Il'icheva. Ogonek 34 no. 32:26 Ag '56.

GORKIY PROVINCE—TECHNICAL EDUCATION

A brigade of industrial training school graduates. V. Bystrov. Prof.-tekh. obr. 13 no. 6:27 Je '56.

GORNAYA SHORIYA—GEOLOGY, STRATIGRAPHIC

Flyschlike upper Cambrain formations along the B. Kaz Rivulet in the Shoria Highlands. V. I. Siniakov. Dokl. AN SSSR 108 no. 2:320-323 My '56.

GORNO-ALTAI AUTONOMOUS PROVINCE—POLITICS AND GOVERNMENT

Resolve to simplify and reduce the administrative apparatus. V. Makarov. Fin. SSSR 17 no. 6:57-60 Je '56.

GORNO-BADAKHSHAN AUTONOMOUS PROVINCE—PETROGLYPHS

Carvings on rocks in the Gorno-Badakhshan Autonomous Province. A. V. Gurskii. Dokl. AN Tadzh. SSR no. 3: 33-37 '52.

GORODKI (GAME)

[Gorodki; rules] Gorodki; pravila sorevnovanii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 20 p.

GOTHIC LANGUAGE—PHONOLOGY

Interchange of spirants in the Gothic language. B. M. Zadorozhnyi. Dop. ta pov. L'viv. un. no. 4, pt. 1:68-69 '53.

GOVERNMENT, RESISTANCE TO see subdivision under Czechoslovakia; Guatemala; Lvov; Poznan

GOVERNMENT OWNERSHIP

(see also subdivision under China)

The socialist transformation of industry in the U. S. S. R. V. P. Nasyrin. Vop. ist. no. 5:90-99 My '56.

GOVERNORS (MACHINERY)

Operation of marine diesel main engines having all-speed governors. A. Mirtushchenko, A. Koz'minykh. Mor. flot 16 no. 6:16-19 Je '56.

Stepless speed regulation by means of electromagnetic sliding clutches. IA. B. Rozman. Stan. i instr. 27 no. 8:27-31 Ag '56.

GOYA Y LUCIENTES, FRANCISCO JOSE DE, 1746-1828—FICTION

A novel about Goya ("Goya, or the painful path of knowledge." Lion Feuchtwanger. Reviewed by A. Gastev). Neva no. 6:179 Je '56.

GRABAR', IGOR EMMANUILOVICH, 1871-

Academician Igor Emmanuilovich Grabar'; on the occasion of the his 85th birthday. Vest. AN SSSR 26 no. 6:111-112 Je '56.

GRADING AND MARKING (STUDENTS)

"Accounting" in pedagogics. E. Afanasenko. Ogonek 34 no. 32:8 Ag '56.

Testing and grading students' knowledge. Est. v shkole no. 4:86-88 Jl-Ag '56.

GRAFTING

Accelerating the union of stock and scion of the cotton plant with the aid of oxygen. A. A. Karapetian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 9 no. 6:109-111 Je '56.

Formation of apple seedlings selected before fruiting. R. A. Pribavkina. Agrobiologiia no. 3:114-116 My-Je '56.

GRAFTING OF SKIN see Skin grafting

GRAIN

(see also subdivision under Azerbaijan; Dzhalal Abad Province; Kirovograd Province; Kustanay Province; Siberia)

Carbohydrate dynamics and protein accumulation as affected by the nutrition system of plants in grass-beet crop rotation. Z. M. Klymovyts'ka. Dop. AN URSR no. 3:59-67 '49.

Determining the quality of seed grain, its preparation for storage, and the rules for storage. Grain-cleaning machines. M. A. Kartuzova. Est. v shkole no. 4:60-64 Jl-Ag '56.

Effect of fertilizers on grain crops. M. S. Kononov. Sel'khoz. Povol. no. 6:19-22 Je '56.

For a wider use of daily average samples in receiving grain. N. Shaposhnikov, F. Dykhne. Muk.-elev. prom. 22 no. 6:30 Je '56.

[Grain and forage crops.] Zernovye i kormovye kul'tury no. 9 S '56.

[Grain and forage crops.] Zernovye i kormovye kul'tury no. 10 O '56.

Mechanized threshing floor. V. P. Sokolov. Mosk. kolkh. 5 no. 7:5-6 Jl '56.

Methods for determining the viability of seeds of winter grain crops. Z. M. Kaloshina. Sel. i sem. 21 no. 3:16-20 '56.

"New" methods for determining seeding rates for grain crops. V. A. Mikharev. Zemledelie 4 no. 7:122-124 Jl '56.

Sergeev, P.P. [For higher winter crop yields] Za vysokii urozhai ozimykh kul'tur. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1952. 36 p. (DA)

Some methodological problems in breeding grain crops. V. IA. IUr'ev. Sel. i sem. 21 no. 3:6-10 '56.

Using cytoembryological data for studying phasic development in plants (cytoembryological analysis of the phasic development of cereals). IA. S. Modyleva'kyi. Ukr. bot. zhur. 13 no. 1:41-55 '56.

Varieties of grain crops. M. G. Prutskova. Est. v shkole no. 4:11-16 Jl-Ag '56.

Vegetative hybridization in the breeding of plants of the grass family. A. E. Osipov. Agrobiologiia no. 3:78-88 My-Je '56.

Vinokurov, K. V. [Toward 11 billion poods of grain] Za odinnadtsat' milliardov pudov zerna. Moskva, Gos. izd-vo polit. lit-ry, 1956. 52 p.

GRAIN—CLEANING

Cleaning and sorting grain and technical crops. O. IA. Kovalenko. Mekh. sil'. hosp. 7 no. 1:19-21 Ja '56.

Collective farm combination grain-cleaning barn and elevator. S. V. Kaplun, M. K. Cherepakhin. Nauka i pered. op. v sel'khoz. no. 6:23-25 Je '56.

Continuous cleaning and drying of grain. L. Pravotorov, G. Losev. Muk.-elev. prom. 22 no. 5:7-9 My '56.

Electric drive for the TP-400 grain cleaner. F. N. Kulyk. Mekh. sil'. hosp. 7 no. 8:7 Ag '56.

Mechanization of grain cleaning and loading in threshing barns. P. M. IErukh. Mekh. sil'. hosp. 7 no. 6:22-24 Je '56.

Mechanized cleaning of grain on the Budennyi Collective Farm. I. V. Mironov. Sel'khoz. Povol. no. 6:57-59 Je '56.

Mechanized grain-cleaning barn. G. Shatl'. Tekhsov. MTS 17 no. 14:8-9 Jl '56.

Mechanized grain-cleaning unit. IU. A. Zinger. Mekh. sil'. hosp. 7 no. 7:22-23 Jl '56.

Mechanizing the cleaning of grain and the gathering of straw. A. Belozertsev. Kolkh. proizv. 16 no. 7:34-35 Jl '56.

New grain-cleaning machines. G. Shamaev. Tekhsov. MTS 17 no. 14:1-7 Jl '56.

Use of rotating horizontal cylindrical surfaces in cleaning and sorting grain (conclusion). M. N. Letoshnev. Sbor. nauch. rab. LIMSKH 9:5-31 '53.

Widely introduce over-all mechanization in grain cleaning on threshing floors. V. A. Zhluktin. Sovkhoz. proizv. no. 7:64-67 Jl '56.

GRAIN—DISEASES AND PESTS

Methallyl chloride as a fumigant for the disinfestation of grain. A. Cherkovskaia, N. Kuz'mina. Muk.-elev. prom. 22 no. 7:9-10 Jl '56.

Use of insecticidal fumes in controlling grain pests. O. D. Kozlova. Nauka i pered. op. v sel'khoz. no. 6: 26-27 Je '56.

GRAIN—DISINFECTION

High frequency current treatment for grain. Nauka i zhizn' 23 no. 7:54 Jl '56.

GRAIN—DRYING

Continuous cleaning and drying of grain. L. Pravotorov, G. Losev. Muk.-elev. prom. 22 no. 5:7-9 My '56.

Drying ear corn with heated air in the installation used for mechanical grain ventilation. M. Likhosherstov, V. Kokarovtseva. Muk.-elev. prom. 22 no. 5:5-7 My '56.

Efficiency of modern grain dryers. Muk.-elev. prom. 2 22 no. 5:31-32 My '56.

Installing grain dryers. V. Samochetov. Muk.-elev. prom. 22 no. 7:12-14 Jl '56.

Mechanical ventilation of grain. V. N. Ruchkin, K. G. Azlev. Nauka i pered. op. v sel'khoz. no. 6:21-22 Je '56.

Mechanized MZhS-6M shutter-type grain dryer. S. Cherepanov, N. Artem'ev. MTS 16 no. 7:38-40 Jl '56.

Productivity of grain dryers has been increased. I. Polianskii, G. Tverdokhleb, P. Sivach. Muk.-elev. prom. 22 no. 5:25-26 My '56.

Rapid conditioning of grain. G. Bardyshev. Muk.-elev. prom. 22 no. 6:31-32 Je '56.

Utilization of grain dryers has been improved. S. Karetnikov. Muk. elev. prom. 22 no. 6:26-28 Je '56.

GRAIN—HARVESTING

(see also subdivision under Kazakhstan)

Harvesting grain crops in stages. F. V. Voloshyn. Mekh. sil'. hosp. 7 no. 6:12-13 Je '56.

Separate harvest of grain crops in the wax stage. P. I. Kralin. Est. v shkole no. 4:54-59 Jl-Ag '56.

Youth, take part in the campaign for grain. Mol. komm. 14 no. 7:3-7 Jl '56.

GRAIN—STORAGE

Collective farm combination grain-clearning barn and elevator. S. V. Kaplun, M. K. Cherepakhin. Nauka i pered. op. v sel'khoz. no. 6:23-25 Je '56.

Prevention and elimination of troubles in single-pipe ventilating installations. B. Mel'nik, V. Ukolov. Muk. elev. prom. 22 no. 7:29-31 Jl '56.

Technology of grain processing and storage at procurement points of southern districts. V. Delidovich, G. Kreimerman. Muk.-elev. prom. 22 no. 7:5-8 Jl '56.

GRAIN—TRANSPORTATION

Device for the even loading of grain in railroad cars. S. Karabanov. Muk.-elev. prom. 22 no. 6:10-12 Je '56.

Eliminate lost time of trucks delivering new grain. A. Menn. Muk.-elev. prom. 22 no. 7:3-5 Jl '56.

Equipment for unloading grain from railroad cars. Muk.-elev. prom. 22 no. 7:32 Jl '56.

GRAIN ELEVATORS

(see also subdivision under Soviet Far East)

Automatic scales for weighing loose and bagged grain in a continuous operation. V. Mikhailitsin. Muk.-elev. prom. 22 no. 5:17-19 My '56.

Brief news. Muk.-elev. prom. 22 no. 6:3 of cover Je '56.

Calculating the number of truck scales necessary in grain procurement stations. G. Kreimerman. Muk.-elev. prom. 22 no. 5:9-11 My '56.

Eliminate shortcomings which prevent the increase of labor productivity and the reduction of operation costs. N. Trishchekin. Muk.-elev. prom. 22 no. 7:31 Jl '56.

For successful fulfillment of tasks required of the Ministry of Grain Products of the U. S. S. R. Muk.-elev. prom. 22 no. 6:1-2 Je '56.

Get the equipment ready for use in time. Muk.-elev. prom. 22 no. 5:1-2 My '56.

Improved inlet of round TSAGI deflectors. I. Kudachkov. Muk.-elev. prom. 22 no. 6:22-23 Je '56.

Make effective use of machinery in grain procurement stations. Z. Chukhar'ko, Kh. Shekhtman. Muk.-elev. prom. 22 no. 5:3-5 My '56.

Organize the receiving of new grain. Muk.-elev. prom. 22 no. 7:1-2 Jl '56.

Revise the system of planning and repair of equipment in grain procurement stations. G. Kapshuk. Muk.-elev. prom. 22 no. 6:30 Je '56.

Some problems in planning construction work. G. Osnovikov. Muk.-elev. prom. 22 no. 7:31-32 Jl '56.

Technology of grain processing and storage at procurement points of southern districts. V. Delidovich, G. Kreimermann. Muk.-elev. prom. 22 no. 7:5-8 Jl '56.

GRAIN ELEVATORS—FIRES AND FIRE PREVENTION

Inspection of voluntary fire brigades. I. Berlin. Muk.-elev. prom. 22 no. 6:28-29 Je '56.

GRAIN ELEVATORS—PRODUCTION STANDARDS

Review the planning of production norms for grain elevators. M. Kol'tsov. Muk.-elev. prom. 22 no. 7: 14-15 Jl '56.

GRAIN ELEVATORS—SAFETY MEASURES

For the further improvement of labor protection and safety engineering. S. Meshukin. Muk.-elev. prom. 22 no. 5:11-12 My '56.

GRAIN HANDLING

Advantages of direct transportation of grain from the fields. P. G. Bran'kov. Mosk. kolkh. 5 no. 7:20 Ag '56.

GRAIN-HANDLING MACHINERY

Automatic sack loader. M. Grishin, M. Sushkov. Muk.-elev. prom. 22 no. 5:21-22 My '56.

The decisive condition. IA. N. Fishman. Nauka i pered. op. v sel'khoz. no. 6:17-20 Je '56.

Make effective use of machinery in grain procurement stations. Z. Chukhar'ko, Kh. Shekhtman. Muk.-elev. prom. 22 no. 5:3-5 My '56.

Mechanized loading barge. P. Grechin. Muk.-elev. prom. 22 no. 5:20-20 My '56.

Power shovel with electromagnetic control. I. Grosman. Muk.-elev. prom. 22 no. 7:25-26 Jl '56.

Tripping device for conveyers. R. Gorban'. Muk.-elev. prom. 22 no. 7:26 27 Jl '56.

Using electric drive on threshing floors. S. P. Bondarenko. Mekh. sil'. hosp. 7 no. 7:24-25 Jl '56.

ZP-40 grain loader. L. Shtan'ko. MTS 16 no. 7:40 Jl '56.

GRAIN MILLING

Book on the historical development of the technology of grain milling. "Historical development of the technology of grain milling." N. A. Ponomarev. Reviewed by P. IAkovlev. Muk.-elev. prom. 22 no. 5:3 of cover My '56.

Brief news. Muk.-elev. prom. 22 no. 6:3 of cover Je '56.

Daily efforts for lower production costs in flour, groats and feed milling. I. Markhevka. Muk.-elev. prom. 22 no. 7:16-17 Jl '56.

Improving the process of enriching middlings in milling high-grade flour. N. Sokolov. Muk.-elev. prom. 22 no. 5:13-15 My '56.

GRAIN-MILLING MACHINERY

Improving the construction of brushes used for cleaning screens. B. Krichigin. Muk.-elev. prom. 22 no. 7: 24 Jl '56.

Shortcomings in the construction of the ZM roller mill. IA. Vasil'ev. Muk.-elev. prom. 22 no. 7:32 Jl '56.

Studying the efficiency of scouring machines. S. Lopatinskii. Muk.-elev. prom. 22 no. 5:15-17 My '56.

Vertical machine for finishing bran. L. Aizikovich, L. Naidin. Muk.-elev. prom. 22 no. 6:18-19 Je '56.

GRAIN TRADE

Improve the planning of the number of workers in grain procurement stations. A. Bulntov. Muk.-elev. prom. 22 no. 5:30 My '56.

GRAIN TRADE—STUDY AND TEACHING

Pay more attention to the production experience of students. M. Novomlinskii. Muk.-elev. prom. 22 no. 5:30-31 My '56.

GRAMICIDIN

Combined gramicidin and sulfanilamide therapy for blepharitis. I. E. Ksenzenko. Voen.-med. zhur. no. 4: 65-66 Ap '56.

GRAMICIDIN S

Configuration of gramicidin S. Part 3. Study of certain products of the hydrolysis of gramicidin S. N. A. Poddubnaia, M. I. Kiselev. Zhur. ob. khim. 26 no. 5:1508-1512 My '56.

Gramicidin S for treating the surgeon's hands. G. I. Riumshin. Voen.-med. zhur. no. 9:57-58 S '55.

GRAMMAR, COMPARATIVE AND GENERAL

Problem on the case of comparison. A. IA. Miuller. Dop. ta pov. L'viv. un. no. 4, pt. 1:63-65 '53.

GRANARIES

New design for precast reinforced concrete granaries. A. Nekrasov. Muk.-elev. prom. 22 no. 7:11-12 Jl '56.

GRANITE see subdivision under Kazakhstan; Ukraine; Varzob Valley

GRANOVSKII, TIMOFEI NIKOLAEVICH, 1813-1855

Life and works of T. N. Granovskii. E. A. Kosminskii. Vest. Mosk. un. 11 no. 4:119-128 Ap '56.

GRAPE CULTURE see Viticulture

GRAPES

Biological regularity in the number of fruit buds. I. V. Mikhailiuk. Sad. vin. Mold. 11 no. 3:40-44 My-Je '56.

Dates of sowing and the development of seedlings. V. R. Loladze. Sad. vin. Mold. 11 no. 3:44-46 My-Je '56.

Effect of tendrils on the quality of grapes. S. A. Mel'nik, V. K. Anisimova. Sad. vin. Mold. 11 no. 3:37-39 My-Je '56.

Fertilization of grape by pollen of stock-vine varieties. E. B. Ivanova. Sad. vin. Mold. 11 no. 3:34-37 My-Je '56.

GRAPES (Continued)

Pogosian, S. A. [The nature of seed bearers of old varieties of ungrafted grapevines and their hybrids] O prirode semennykh rastenii starodavnykh sortov kornesobstvennogo vinograda i ikh gibridov. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 197 p.

Variability in the type of the grape flower. P. V. Mikhailova. Bot. zhur. 41 no. 4:542-549 Ap '56.

GRAPES—DISEASES AND PESTS

Can dinitrorhodanbenzene be recommended for the control of mildew in grapes. V. A. Alymova. Vin. SSSR 16 no. 4:38-39 '56.

New fungicides for controlling mildew in grapes. G. D. Levitskii. Vin. SSSR 16 no. 4:39-40 '56.

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Control of fruit and grape pests and diseases] Zashchita plodovykh kul'tur i vinograda ot vreditelei i boleznei. Pod red. L. N. Zotsenko. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 239 p. (DA)

When to spray for the control of mildew in grapes. P. M. Shterenberg. Vin. SSSR 16 no. 4:35-38 '56.

GRAPES—VARIETIES

(see also subdivision under Azerbaijan; Soviet Central Asia; Ukraine)

"Ampelography of the U. S. S. R."; vol. 5. Book review. Sad. vin. Mold. 11 no. 3:64 My-Je '56.

Current problems in grape variety testing. N. N. Pilipenko. Sad i og. no. 6:63-64 Je '56.

GRAPHITE

Aqueous colloidal graphite preparations obtained by means of vibrational crushing. L. A. Feign. Khim. nauka i prom. 1 no. 2:210-212 '56.

GRASSES

Carbohydrate dynamics and protein accumulation as affected by the nutrition system of plants in grass-beet crop rotation. Z. M. Klymovyts'ka. Dop. AN URSR no. 3:59-67 '49.

Comparative ecologophysiological study of perennial grasses in pure and mixed stands. Report no. 11: Changes in the carbohydrate metabolism of some perennial grasses depending on their percentage in the mixture. A. I. Smetannikova, V. G. IUdin. Trudy Bot. inst. Ser. 4 no. 11:7-40 '56.

Effect of fertilizing on the content of food substances in meadow grasses. I. P. Pavlov. Ud. i ur. 1 no. 6:48-51 Je '56.

Grass mixtures in forage crop rotations. V. A. Rodionov. Zemledelie 4 no. 7:77-81 Jl '56.

Grasses in field crop rotations of the White Russian S. S. R. P. E. Prokopov. Zemledelie 4 no. 7:49-55 Jl '56.

Harvest grass seeds in time and without waste. M. D. Halenko. Mekh. sil'. hosp. 7 no. 7:10-10 Jl '56.

Physiologically active substances in the tissues of grasses. M. N. Moiseeva. Bot. zhur. 41 no. 4:560-568 Ap '56.

Production of meadow and pasture grass seeds. V. N. Kolesnikov. Mosk. kolkh. 5 no. 8:22-23 Ag '56.

Results of pollinating rye and wheat with a pollen mixture containing pollen of other grass species. S. I. IAnushkevich. Agrobiologiia no. 3:15-22 My-Je '56.

Some problems in the production of perennial grass seed. B. A. Karunin. Sel. i sem. 21 no. 2:20-23 '56.

Surface ensilage of wild grasses. P. Oparin. Kolkh. proizv. 16 no. 6:30-31 Je '56.

Time for plowing up grass in the forest-steppe region of Altai Territory. T. V. Rushkovskii, T. S. Orlova. Zemledelie 4 no. 7:56-59 Jl '56.

GRAVIMETER

Formula for computing errors of the gravimetric relation of two points in connection with frequent measurements accomplished with a group of gravimeters. IU. D. Bulanzhe. Izv. AN SSSR. Ser. geofiz. no. 7:755-764 Jl '56.

Results of a regional survey in the Caspian Sea with underwater gravimeters. A. M. Lozinskaia, I. O. TSimel'zon, V. V. Laskina. Prikl. geofiz. no. 14:115-128 '56.

Some results of calibrating SN-3 gravimeters. K. IA. Koz'iakova. Izv. AN SSSR. Ser. geofiz. no. 7:765-775 '56.

GRAVITY

(see also subdivision under Apsheron Peninsula; Georgia; Transcaucasia)

Determining the elements of a sharply dipping stratum on the basis of the anomaly curve of the force of gravity. E. A. Mudretsova. Razved. i okhr. nedr 22 no. 5:32-38 My '56.

Geological significance of different methods for computing gravity anomalies. E. N. Liustikh. Trudy Inst. teor. geofiz. 3:3-45 '47.

GRAVITY, SPECIFIC see Specific gravity

GRAY MULLET see subdivision under Black Sea

GRAZING

Simple and profitable method of fattening cattle. T. M. Rubtsova. Mosk. kolkh. 5 no. 7:10 Jl '56.

Summer pasturing of Japanese deer outside fenced deeryards. V. S. Galkin. Kar. i izver. 9 no. 3:39-43 My-Je '56.

GREAT BRITAIN—AGRICULTURE

"What we saw in England." I. Benediktov. Reviewed by M. Vasil'ev. Kolkh. proizv. 16 no. 6:47-48 Je '56.

GREAT BRITAIN—AUTHORSHIP—PERIODICALS

The author, the fee, and the book. Vl. Rubin. Novyi mir 32 no. 7:207-211 Jl '56.

GREAT BRITAIN—AUTOMOBILES—LUBRICATION

Graphite in lubricating automobile engines and chassis units. B. Konstantinov. Avt. transp. 34 no. 6:38 Je '56.

GREAT BRITAIN—BOXING

Friendly matches are useful; English boxers in Moscow. P. Petrusenko. Fizk. i sport 26 no. 8:3 '56.

GREAT BRITAIN—CERAMIC INDUSTRIES

The use of zirconium refractories in the fine ceramics industry. (From "Ceramics" July 1955). Stek. i ker. 13 no. 7:31 Jl '56.

GREAT BRITAIN—CIVIL LAW

Civil law in England. N. V. Rabinovich. Vest. Len. un. 11 no. 11:143-148 '56.

GREAT BRITAIN—COMBINES (AGRICULTURAL MACHINERY)

Grain combines in England. V. B. Babuk. Mekh. sil'. hosp. 7 no. 7:32-3 of cover Jl '56.

GREAT BRITAIN—CONTRACTS

Contracts in English civil law. R. O. Khalfina. Sov. gos. i pravo no. 5:99-110 '56.

GREAT BRITAIN—DESCRIPTION AND TRAVEL

Something new on the stage. K. Guzynin. Nova no. 8:190 Ag '56.

Three weeks in England; notes of a newspaperman. Valentyn Zorych. Ukraina no. 14:22-24 Jl '56.

GREAT BRITAIN—DIESEL LOCOMOTIVES

The "Deltic" diesel locomotive engine. L. IA. Leventa l'. Tekh. zhel. dor. 15 no. 4:32 Je '56.

GREAT BRITAIN—ECONOMIC CONDITIONS

The English economy and military expenditures. Mezhdunar. zhizn' no. 7:126-130 Jl '56.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—UNITED STATES

"Anglo-American conflicts since the Second World War." I. M. Lemin. Reviewed by V. V. Zagladin, S. M. Men'shikov. Vop. ist. no. 5:187-192 My '56.

GREAT BRITAIN—FOREIGN RELATIONS

British foreign policy. S. Madzoevskii. Mezhdunar. zhizn' no. 8:61-71 Ag '56.

GREAT BRITAIN—FOREIGN RELATIONS—RUSSIA

Friendship mission. Sov. Soiuz no. 5:2-3 My '56.

Let's be friends. Julius Silverman. Mezhdunar. zhizn' no. 6:50-54 Je '56.

An outstanding contribution to the cause of peace; the historical visit of N. A. Bulganin and N. S. Khrushchev to England. Sots. Uz. 15 no. 6:4-5 Je '56.

GREAT BRITAIN—GLASS MANUFACTURE

Economical small tank furnace. (From "Journal Society Glass Technol." and "Glass Industry"). Stek. i ker. 13 no. 7:31-32 Jl '56.

GREAT BRITAIN—HUNTING

Hunting in England. A. Kaplin. Okh. i okh. khoz. no. 7: 55-57 Jl '56.

GREAT BRITAIN—INSEMINATION, ARTIFICIAL

Artificial insemination of cows in England. N. I. Vienkova. Sots. tvar. 28 no. 6:50-60 Je '56.

GREAT BRITAIN—KRAVCHINSKII, SERGEI MIKHAILOVICH, 1852-1895

The English press on "Andrei Kozhukhov." V. Voronov, V. Zemskov. Novyi mir 32 no. 6:273-274 Je '56.

GREAT BRITAIN—LABOR AND LABORING CLASSES—ACCIDENTS

Cases of obvious negligence. Jerry Cummings. Vsem. prof. dvizh. no. 6:42-43 Je '56.

GREAT BRITAIN—LIME

Liming acid soils in some countries of the British Empire. S. N. Solov'ev. Ud. i ur. 1 no. 5:59-61 My '56.

GREAT BRITAIN—MOTION PICTURES

An evening devoted to the English motion picture. Isk. kino no. 6:119 Je '56.

GREAT BRITAIN—NUCLEAR REACTORS

Construction of research reactors in England. Atom. energ. no. 3:141-143 '56.

GREAT BRITAIN—PLYWOOD—TESTING

Experiments in the use of atomic energy in the woodworking industry (From "Woodworking Industry" no. 1, 1956). Der. prom. 5 no. 6:32 Je '56.

GREAT BRITAIN—POTATOES

Potato growing in England. I. A. Shchennikov. Kartofel' no. 2:57-59 My-Je '56.

GREAT BRITAIN—RADIOLOGY, MEDICAL

Trip to England. M. N. Fateeva. Med. rad. 1 no. 1:91-95 Ja-F '56.

GREAT BRITAIN—RELATIONS (GENERAL) WITH CHINA

In the Anglo-Chinese Friendship Society. Nar. Kit. no. 9/10:42 My '51.

British delegation arrives in Peking. Nar. Kit. no. 9/10: 42 My '51.

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA

Guests from England. G. Varnum and others. Sov. Soiuz no. 6:37 Je '56.

Interview with Lord Chorley. Nov. vrem. 14 no. 32:15-16 Ag '56.

Meetings with English journalists. Vl. Rogov. Sov. pech. no. 6:50-53 Je '56.

Mission of good will; visit of N. A. Bulganin and N. S. Khrushchev to England. Zmina no. 5:3 My '56.

Sources of Anglo-Russian scientific relations. M. I. Radovskii. Ist. arkh. no. 3:139-155 My-Je '56.

Visit of the delegation of the Royal Society of Great Britain to the Soviet Union. Vest. AN SSSR 26 no. 8: 79-80 Ag '56.

GREAT BRITAIN—RELATIONS (GENERAL) WITH THE UKRAINE

Cities-friends. I. Mel'nikov. Ukraina no. 11:9 Je '56.

GREAT BRITAIN—SOCIAL CONDITIONS

A friendship between great peoples ("On the British Isles." V. Maevskii. Reviewed by N. Novikova). Znamia 26 no. 7:189-192 Jl '56.

GREAT BRITAIN—STUDENTS

English student theater. Richard Courtney. Vsem. stud. nov. 10 no. 6/7:24-25 Je-Jl '56.

Report from Europe. I. T., S. D. Vsem. stud. nov. 10 no. 6/7:9 Je-Jl '56.

GREAT BRITAIN—SWINE

H. R. Davideon's book "Swine breeding." Reviewed by B. P. Volkopialov. Svinovodstvo no. 4:43-46 Je '56.

GREAT BRITAIN—SWINE—FEEDING AND FEEDING STUFFS

Artificial raising of young pigs. Sovkhoz. proizv. no. 6: 74-75 Je '56.

GREAT BRITAIN—TANK VESSELS

River and sea-going tankers. (From "The Marine engineer and naval architect" no. 936 and 943, and "The Shipbuilder and marine engine builder" no. 570, 1955). Rech. transp. 15 no. 6:31-32, 3 of cover Je '56.

GREAT BRITAIN—TELEVISION

Television under water (Journal of the British Institution of Radio Engineers December 1955). Radio no. 7:61 Jl '56.

GREAT BRITAIN—THEATER

English student theater. Richard Courtney. Vsem. stud. nov. 10 no. 6/7:24-25 Je-Jl '56.

GREAT BRITAIN—WOMEN—EMPLOYMENT

The delegate of English women says: "The basic problem facing us is the problem of equal wages." T. MacVinnoy. Vsem. prof. dvizh. no. 6:37-38 Je '56.

GREECE—FOREIGN RELATIONS—RUSSIA

The prospects of improving Greco-Soviet relations. Mezhdunar. zhizn' no. 8:124-125 Ag '56.

GREECE—MOTION PICTURES

Motion-picture story of Georgios Dzavellas. Ogonek 34 no. 37:25 S '56.

GREECE—POLITICS AND GOVERNMENT

Greece, the cradle of tragedy. Mel'po Akatioti. Ogonek 25 no. 48:21-22 N '47.

GREEK LANGUAGE, MEDIEVAL AND LATE

Elements of south Egyptian Coptic in the Middle Greek vocabulary. P. V. Ernshtedt. Viz. vrem. 9:154-158 '56.

GREEK MANUSCRIPTS see subdivision 'Manuscripts, Greek' under Leningrad

GREEK POTTERY see subdivision 'Pottery, Greek' under Nymphaeum

GREEN MANURING

Nodule formation in pulse crops sown for green manuring in the trans-Volga region. P. K. Lampovshchikov. Dokl. Akad. sel'khoz. 21 no. 6:27-31 '56.

GREENE, GRAHAM, 1904-

A discussion on Graham Greene's novel "The quiet American." Inostr. lit. no. 7:198-206 Jl '56.

GREENHOUSES

(see also subdivision under Kharkov Province)

"Factory" of greens. V. A. Zav'ialov. Sel'khoz. Povol. no. 7:38-41 Jl '56.

Heating hotbeds and greenhouses. D. D. Dobrielkov. Nauka i pered. op. v sel'khoz. no. 6:40-41 Je '56.

GREENHOUSES (Continued)

Nuesentov, D. I., and others. [Greenhouses, hotbeds, and heated soil] Teplitsy, parniki, uteplennyi grunt. [Moskva] Moskovskii rabochii, 1956. 246 p.

Phytotron. Jean Verdier. V. zashch. mira no. 60:53-56 My '56.

GREENHOUSES—HEATING AND VENTILATION

Poor execution of good projects "Supplying heat for suburban vegetable gardening." A. A. Antoniuk. Reviewed by V. A. Folomeev, V. IA. Sidorov). Sad i og. no. 7:78-79 Jl '56.

GREENWICH, ENGLAND—OBSERVATORIES

Greenwich Observatory in a new location. L. G. Kamanin. Priroda 45 no. 8:111-112 Ag '56.

GREMISLAVSKII, IVAN IAKOVLEVICH

The I. IA. Gremislavskii archive. Teatr 17 no. 7:178 '56.

GRIBOEDOV, ALEKSANDR SERGEEVICH, 1795-1829

Goncharov, I. A. [A million torments; a critical study] Mil'on terzanii; kriticheskii etiud. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 46 p.

Spitsyna, N. A. [Griboedov in the school; a teacher's experience] Griboedov v shkole; iz opyta raboty uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 130 p.

GRIGOR TATEVATSI, 1340-1411

Grigor Tatevatsi's doctrine of the soul. S. Arevshatian. Izv. AN Arm. SSR Obshchestv. nauki no. 7:65-79 Jl '56.

GRIGORIAN, GRANT

A song of friendship. N. Bazhov. Sov. muz. 20 no. 7: 23-25 Jl '56.

GRIGORIPOLISSKAYA—SPORTS

It is better to train together. N. Zeleranskii. Fizk. i sport 26 no. 6:14-15 '56.

GRINDING AND POLISHING

(see also subdivision under Gus'-Khrustal'nyy)

Fastening yokes with abrasive blocks used in superfinishing. A. D. Anipir. Stan. i instr. 27 no. 6:44 Je '56.

Lapping of cutting instruments by abrasive disks with graphite filling. I. K. Trushin. Stan. i instr. 27 no. 8: 39-40 Ag '56.

Machine for grinding the disks of shallow plows. M. M. Turchak. Mekh. sil'. hosp. 7 no. 6:31 Je '56.

Polishing intricate master forms. L. L Dodzin. Energomashinostroenie no. 5:25-26 My '56.

Precision grinding of involute surfaces. G. P. Bol'shakov. Stan. i instr. 27 no. 6:37-39 Je '56.

Special features in grinding processes. A. A. Matalin. Trudy LIEI no. 8:162-177 '54.

Substitute for hematite polishers. B. Ketslak. Prom. koop. no. 5:14 My '56.

GRINDING MACHINES

(see also subdivision under Moscow; Vitebsk)

Optical grinding machine. Energomashinostroenie no. 6:29 Je '56.

GRINDING WHEELS

Producing high-quality surface smoothness by using graphite-abrasive wheels for finish grinding. A. A. Sukhoparov. Trudy LIEI no. 8:178-181 '54.

GRINENKO, ANASTASIIA [illegible]

Certain types of elements of a semigroup invariant in a group. P. G. Kontorovich, A. D. Kaisman. Usp. mat. nauk 11 no. 3:145-150 My-Je '56.

Lie rings satisfying the Engel condition. A. I. Kostrikin. Dokl. AN SSSR 108 no. 4:580-582 Je '56.

Nilpotent products of topological groups. V. M. Glushkov. Usp. mat. nauk 11 no. 3:119-123 My-Je '56.

GROUSE

Prohibit the hunting of capercaillies. I. Gulisev. Okh. i okh. khoz. no. 7:58 Jl '56.

GROWTH

Characteristics of the reaction of the growing organism to massive doses of ionizing radiations. V. V. Kholin. Med. rad. 1 no. 2:75-80 Mr-Ap '56.

Conference on the problem of individual development of farm animals. I. A. Baryshnikov, I. F. Shul'zhenko. Zhivotnovodstvo no. 6:74-77 Je '56.

GROWTH (PLANTS)

Growth of oak and ash in plantations of the Chernyi Les forest massif. A. G. Soldatov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:17-53 '54.

How perennial lupine sown in interrows affects the growth of some woody plants. N. D. Nesterovich, N. I. Chekalinskaia. Sbor. nauch. rab. inst. lesa AN BSSR no. 6:128-133 '55.

Length of the vegetative season of hard spring wheat hybrids as affected by growing conditions. A. F. Shulyndin, V. T. Manziuk. Dokl. Akad. sel'khoz. 21 no. 6:10-14 '56.

Peculiarities of the phasic development of some varieties of cotton [with English summary in insert]. A. S. Kruzhilin, N. N. Nazirov. Fiziol. rast. 3 no. 3:199-203 My-Je '56.

Significance of the correlative influences of roots and leaves in the morphogenesis of plants. R. Dostal'. Fiziol. rast. 3 no. 4:355-367 Jl-Ag '56.

Some problems in the biology of the development of foxtail millet; preliminary report. T. Kh. Faizullina. Uch. zap. Bash. gos. ped. inst. no. 4:186-196 '55.

GROWTH PROMOTING SUBSTANCES

Effect of nitrogenous nutrition and growth promoting substances on the growth and acid formation of B. Schüzenbachii. L. IU. Medvyns'ka. Mikrobiol. zhur. 9 no. 2/3:129-137 '48.

Effect of growth promoting substances on cell intake of water and salts. N. I. IAkushkina. Trudy inst. fiziol. rast. 6 no. 1:193-200 '48.

Growth promoting substances for C. diphtherine, S. I. Zelepukha. Mikrobiol. zhur. 9 no. 2/3:88-92 '48.

On transformations of growth stimulators in plants. (1-alkylindolyl-3-acetic acids) [with English summary in insert]. IU. A. Baskakov, N. N. Melnikov. Fiziol. rast. 3 no. 3:208-213 My-Je '56.

Stimulating action of 5-bromouracil on higher plants [with English summary in insert]. Z. Shormova and others. Fiziol. rast. 3 no. 3:204-207 My-Je '56.

"Study of growth promoting substances. Results and problems in research on growth promoting substances." H. Söding. Reviewed by A. M. Brodzins'kyi, K. M. Sytnyk. Ukr. bot. zhur. 13 no. 2:115-118 '56.

Study of the growth factors and grwoth inhibitors of Bact. typhi abdominalis. Report no. 4; Complex growth factors and selection of substances interfering with them. V. H. Drobot'ko, B. E. Aizenman. Mikrobiol. zhur. 9 no. 2/3:93-97 '48.

Use of substances promoting the increase of weight and fat in [illegible]ling of cockerels. A. P. Vinogradova, [illegible] VNIIP 5:12-18 '54.

[illegible]

20 no. 7:113 Jl '56.

DRILLING—EQUIPMENT AND

[illegible]ll operations in the Grosnyy oil [illegible]n. Neft. khoz. 34 no. 6:25-27 Je

-EDUCATION

[illegible]ols in Groznyy Province. G. TSy-[illegible]ar. obr. no. 7:9-14 Jl '56.

[illegible]herophysin on the cardiovascular [illegible]tonomic ganglia. E. A. Mukhin. 3:16-21 My-Je '56.

[illegible]avino. Sov. muz. 20 no. 7:102-

[illegible]IMENT, RESISTANCE TO

Nov. vrem. 14 no. 28:10 Jl '56.

[illegible]ts heroes ("The glorious citadel," [illegible]ress on the Bug." S. S. Smirnov. [illegible]nsev). Druzh. nar. no. 6:171-

GUBINA, RAISA

Young artists of the Ermolova Theater. Teatr 17 no. 7:175 Jl '56.

GUDAUT DISTRICT—ANTIQUITIES

Ground graves with a Colchian-type inventory in Kulanurkhva village. M. M. Trapsh. Trudy Abkh. inst. iaz., lit. i ist. no. 25:174-211 '54.

GUDZENKO, SEMEN

Poet and soldier. Evg. Dolmatovskii. [Unost'] no. 7:72-74 Jl '56.

GUENSBERG, ALEKSANDR

The youngest participant. S. Samarian. Shakh. v SSSR 33 no. 6:188 Je '56.

GUIDEBOOKS see subdivision under Crimea

GUIDED MISSILES

Guided missiles. B. Liapunov. Kryl. rod. 7 no. 7:17-19 Jl '56.

Self-propelled missiles. G. Moirevell. Voen. znan. 31[i. e. 32] no. 5:14-15 My '56.

GULIA, DMITRII IOSIFOVICH, 1874-

The idea of friendship among nations in D. I. Gulia's works. M. K. Delba. Trudy Abkh. inst. iaz., lit. i ist. no. 25:358-371 '54.

GULONIC ACID

Study of the rates of conversion of 2-keto-L-gulonic acid and of its methyl ester to L-ascorbic acid in an aqueous medium. V. I. Veksler, F. E. Shaliyko. Zhur. ob. khim. 26 no. 5:1456-1460 My '56.

GUL'SHIN, G.

A new tale by G. Gul'shin ("When the leaves fall," G. Gul'shin. Reviewed by S. Likhodzievskii). Zvezda Vost. 24 no. 6:117-118 Je '56.

GUMBEYKA REGION—GEOCHEMISTRY

Some phenomena associated with the circumvein change of skarn of the Gumbeyka region in the Southern Urals. A. F. Korzhinskii. Zap. Vses. min. ob-va 85 no. 2:241-246 '56.

GUMS—DISEASES

Vitamin C ionophoresis for treating pyorrhea alveolaris. G. S. Mironenko. Voen.-med. zhur. no. 4:36-39 Ap '56.

GUNPOWDER see subdivision under China

GUNS see Rifles

GUNSHOT WOUNDS

Treatment of gunshot osteomyelitis in a sanatorium. A. D. Amonov. Voen.-med. zhur. no. 6:60-63 Je '51.

GURA, GRIGORII, 1931-

Grigorii Gura, a cutter-loader operator. I. Aleksandrov. Mast. ugl. 5 no. 7:17-18 Jl '56.

GUREVICH, ISAAK MARKOVICH, 1903-1956

Isaak Markovich Gurevich; obituary. Vest. stat. no. 2: 93 Mr-Ap '56.

GURLEY, FLYNN, ELIZABETH, 1891-

Heroine of the American people. B. Raiskii. Rabotnitsa 34 no. 7:14-15 Jl '56.

GUS'-KHRUSTAL'NYY—GRINDING AND POLISHING

Using "polirit" for the conveyer polishing of glass. IU. A. Brodskii, IU. M. Tiurin, R. I. TSol. Stek. i ker. 13 no. 7:8-11 Jl '56.

GUSEIN, MEKHTI

"The morning" and "Awakening"; novels by Mekhti Gusein. Dm. Minkevich. Lit. Azerb. 14 no. 6:66-78 Ag '56.

GUTOROV, IVAN VASIL'EVICH, 1906-

Scholar, literary critic, teacher. Belarus' 13 no. 6: 6 Je '56.

GUTTA-PERCHA

Method for the mass selection of spindle-tree shrubs for high gutta-percha content. M. M. Strel'nikova. Dop. AN URSR no. 1:46-55 '49.

GYMNASIUMS—APPARATUS AND EQUIPMENT

Abel'son, S. N., and IA. G. Arkin. [Sport supplies; equipment and supplies for gymnastics] Sportivnyi inventar'; oborudovanie i inventar' po gimnastike. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 109 p.

GYMNASTICS

(see also subdivision under Voronezh)

Advice for athletes. N. Popov, A. Kolianovskii. Fizk. i sport 26 no. 8:26-27 '56.

The Soviet gymnasts are the world's best. N. K. Popov. Teor. i prak. fiz. kul't. 19 no. 7:488-494 '56.

GYNECOLOGY

"Textbook of obstetrics." I. F. Zhordania. Reviewed by V. I. Konstantinov. Akush. i gin. 32 no. 3:91-94 My-Je '56.

GYPSUM

Hydrothermal process of crystallizing semiwater gypsum. P. P. Budnikov, V. I. Kotov. Trudy MKHTI no. 21:113-138 '56.

GYPSUM (Continued)
Mechanism of the effect of lime on the hardening process and the properties of building gypsum. IU. M. Butt, U. Alapov. Trudy MKHTI no. 21:162-173 '56.
Rate of crystallization for gypsum from aqueous solutions of certain salts. N. V. Deriabina, K. P. Mishchenko. Probl. kin. i kat. 7:123-136 '49.

GYPSY MOTH see subdivision under Altai Mountains

GYROSCOPE
Equation for vertical gyroscope motion. S. M. Ivin. [Trudy] MVTU no. 50:261-271 '56.

HABITS OF ANIMALS see Animals, Habits and behavior of

HADDOCK see subdivision under Barents Sea

HAIL
Present-day status of the study of hail phenomena. A. G. Balabuev. Trudy Inst. geofiz. AN Gruz. SSR 13:175-191 '54.

HAINAN—TROPICAL PLANTS
Gifts from the Chinese tropics. T. Shevchuk. Neva no. 8:187-188 Ag '56.

HAIR, REMOVAL OF
How to remove unnecessary hair. Rab. i sial. 32 no. 6: 24 Je '56.

HAIRDRESSING see subdivision under Kiev

HALAN, IAROSLAV, 1902-1949
"IAroslav Halan; outline of his life and works." Anatolii Elkin. Reviewed by R. Fish. Znamia 26 no. 8:199-202 Ag '56.

HALIDES
Cleavage of tri-$p$-tolyl antimony and tri-$\alpha$-naphthyl antimony by acid chlorides and alkyl halides in presence of aluminum chloride. M.S.Malinovskii, S.P.Olifirenko. Zhur. ob. khim. 26 no. 5:1402-1405 My '56.
Interaction of 1,4-dilithiumdihydrodiphenyl with alkyl halides. E.P.Kaplan, Z.I.Letina, A.D.Petrov. Zhur. ob. khim. 26 no. 5:1243-1246 My '56.
Interaction of 3-methyl-2-ethylidenebenzothiazoline with halo derivatives. F.S. Babichev, N.A. Volokhina. Ukr. khim. zhur. 17 no. 5:761-765 '51.
Interaction of zinc sulfate with thallium and cesium halides in melts. N. P. Luzhnaia, I. P. Vereshchetina. Izv. Sekt. fiz.-khim. anal. 27:286-295 '56.
Rapid nonionic reactions of exchange decomposition in nonaqueous media. IU. M. Kessler. Izv. AN SSSR. Otd. khim. nauk no. 5:513-516 My '56.

HALL EFFECT
Measuring the Hall-Kikoin effect. N. V. Volkenshtein, G. V. Fedorov. Fiz. met. i metalloved. 2 no. 2:377-378 '56.

HALOGENATION
Halogenation of aromatic silanes. Part 2. Preparation and properties of chloro derivatives of diphenyldichlorosilane. A.IA.IAkubovich, G.V.Motsarev. Zhur. ob. khim. 26 no. 5:1413-1425 My '56.

HALOGENS
Use of calcium hypochlorite in the determination of bromium and iodine by means of differentiated titration. G. P. Aleksandrov, T. F. Levchenko. Ukr. khim. zhur. 17 no. 5:793-795 '51.

HALOPHYTES
Water cycle of euhalophytes under natural circumstances. P. A. Genkel', N. I. Antipov. Fiziol. rast. 3 no. 4:337-342 Jl-Ag '56.

HAM
New method of preparing rolled ham. M. Petrov. Mias. ind. SSSR 27 no. 3:51 '56.

HAMBURG—CHESS—TOURNAMENTS
Match between P. Keres and V. Unzicker. V. Mikenas. Shakh. v SSSR 33 no. 8:228 Ag '56.

HAMMARSKJOLD, DAG, 1905-
People and events. Nov. vrem. 14 no. 28:31-32 Jl '56.

HAMMER THROWING
Training school children to throw the hammer. I.Shaevskii. Leg. atl. no. 5:18-19 My '56.

HAMMERS
Conduits and a new instrument for driving braces. K. K. Lipedat. Strol. pred. neft. prom. 1 no. 6:29-31 Ag '56.

HANAU, GERMANY—GASHOLDERS
High-pressure spherical gasholder with compressor and control devices constructed in Hanau ("Das Gas- und Wasserfach" no. 23 December 1955). Koks i khim. no. 4:3 of cover '56.

HAND—WOUNDS AND INJURIES
Intravenous anesthesia below a tourniquet in the treatment of hand and finger wounds. Z. I. Rovinskii, IU. F. Lototskii. Voen.-med. zhur. no. 3:81-83 Mr '56.

HANDICRAFT
(see also subdivision under Kirov Province)
Extend production of souvenirs. L. Rozova. Prom. koop. no. 5:34-35 My '56.

HANNOVER—TELECOMMUNICATION—EXHIBITIONS
Exhibits at the industrial exhibition in Hannover. TS. A. Bunin. Vest. sviazi 16 no. 7:33-34 Jl '56.

HANTSOV, VSEVOLOD, 1892-
Sherekh, IUrii, pseud. Vsevolod Hantsov. Olena Kurylo. Vinnipeg, Nakl. Ukr. narodn'ogo domu v Toronti, 1954. 74 p. (Ukrains'ka vil'na akademiia nauk. Serila: Ukrains'ki vcheni, pt. 5)

HARBORS
(see also subdivision under Moscow; Spain)
Development of harbors and wharves in the sixth five-year plan. Rech. transp. 15 no. 7:3-7 Jl '56.
Development of mechanization of cargo handling in sea ports. A. Obermeister. Mor. flot 16 no. 6:10-12 Je '56.

HARD FACING
Effect of carbon on the resistance of the hard-facing metal to abrasive wear. E.I.Leinachuk. Avtom. svar. 9 no. 3:58-64 My-Je '56.
Introduction of automatic hard facing of steel rolls. V. K. Petrichenko. Metallurg no. 6:5-9 Je '56.
Spot welding for the repair of worn parts in ship machinery. L. IA. Popilov. Sudostroenie 22 no. 5:31-35 My '56.

HARDBOARD
Hardboard. I. K. Prokhorov. Les. prom. 34 no. 8:30-32 Ag '56.

HARDNESS
Vickers and Rockwell hardness as a function of the plasticity parameter of metals and of experimental conditions. G. P. Zaitsev. Fiz. met. i metalloved. 2 no. 2:339-350 '56.

HARDNESS—MEASUREMENT
Conditional characteristics of hardness measurements. V. V. Varnello. Izm. tekh. no. 3:34-36 My-Je '56.

HARES see subdivision under Kazan

HARMONIC FUNCTIONS
Higher harmonics of even frequency multiples in long transmission lines. M. S. Libkind. Izv. AN SSSR. Otd. tekh. nauk no. 7:3-16 Jl '56.
Method of harmonic synthesis and its application to problems of radio engineering. A. M Zaezdnyi. Radiotekhnika 11 no. 5:44-55 My '56.

HARVESTING
(see also subdivision under Dvatsati Vos'mi Gvardeitsev District; Kazakhstan; Kherson Province; Kurgannaya District; Moscow Province; Oktiabr'skiy District (Crimea); Siberia; Ukraine; White Russia)
Advantages of harvesting in stages. E. A. Krikun. Nauka i zhizn' 23 no. 7:30-32 Jl '56.
Best way for eliminating losses. S. V. Grinev, V. M. Klimenko. Nauka i pered. op. v sel'khoz. no. 6:15-16 Je '56.
Carry out grain harvesting without losses. K. N. Godunova. Sol. i sem. 21 no. 3:36-39 '50.
Cost of combine harvesting. A. Belozertsev. MTS 16 no. 5:22-24 My '56.
Effectiveness of stage harvesting. V. Shaidurov, I. Bondarenko. Kolkh. proizv. 16 no. 5:34-35 My '56.
Effectiveness of stage harvesting of grain in the southern regions of the U. S. S. R. IA. M. Zhuk. Sel. i sem. 21 no. 2:44-46 '56.
Harvest rapidly and without losses on virgin and waste lands. MTS 16 no. 7:1-3 Jl '56.
Harvesting cereals in separate stages. G. F. Rudakov. Sovkhoz. proizv. no. 7: 53-60 Jl '56.
Harvesting in good time is a means for controlling weeds. T. Prodan. Zemledelie 4 no. 7:110-112 Jl '56.
Harvesting in separate operations. M. S. Svialogorov. Sel'khoz. Povol. no. 7:69-81 Jl '56.
Harvesting methods determine the quality of seeds. E. E. Geshele. Zemledelie 4 no. 7:105-106 Jl '56.
Harvesting unevenly ripening crops. B. V. Fedoseev. Zemledelie 4 no. 7:108-109 Jl '56.
Let's conduct harvesting on virgin lands in an organized manner. S. V. Kurilenko. Sovkhoz. proizv. no. 7:14-18 Jl '56.
Let's gather in the crops in the shortest time and without losses. Kolkh. proizv. 16 no. 6:1 Je '56.
Main task in harvesting. Part. zhizn' no. 12:3-8 Je '56.
Organization and technique of harvesting in separate operations. IA. M. Zhuk. Nauka i pered. op. v sel'khoz. no. 6:4-7 Je '56.
Rich harvest. P. S. Kuchumov. Sov. zhen. 12 no. 10:35 O '56.
System of harvesting in separate stages. A. P. Germatskii, B. A. Mogilevskaia, L. S. Kushch. Mosk. kolkh. 5 no. 7:3-4 Jl '56.
Timely harvesting is an important factor in increasing total yields of grain. A. G. Belozertsev. Sel'khoz. Povol. no. 6:66-69 Je '56.
Urgent problem in agriculture. IA. Fishman. Part. zhizn' no. 12:62-67 Je '56.
Wage system and production standards when harvesting grain in separate stages. Mosk. kolkh. 5 no. 8:7 Ag '56.
Ways of reducing losses in harvesting. I. Tryndin. MTS 16 no. 7:18-19 Jl '56.
Work plan for harvesting grain in separate operations. IA. Bichevoi, I. Shakhzadov, G. Gozman. Part. zhizn' no. 12:57-62 Je '56.
Working around the clock during the grain harvest. A. Kandibor. MTS 16 no. 7:9-12 Jl '56.

HARVESTING MACHINERY
Attachment for mechanized harvesting of vine crops. V. F. Belik. Sad i og. no. 7:21-22 Jl '56.
Gudzenko, I.P. [Potato harvesting machines] Kartofeleuborochnye mashiny. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956, 199 p.
I use the forage harvester efficiently. F. P. Nedozhdii. Mekh. sil'. hosp. 7 no. 8:4-5 Ag '56.
Improved "PKL" device for harvesting corn in separate stages. I. G. Demin. Sovkhoz. proizv. no. 8:72-73 Ag '56.
Mechanized harvesting of peas and vetch. B. V. Fedoseev, V. I. Basov. Zemledelie 4 no. 7:95-96 Jl '56.
Mechanized harvesting of pulse crops. I. G. Voropaev, M. F. Rogozheva. Zemledelie 4 no. 7:107-108 Jl '56.
Mechanizing the cleaning of grain and the gathering of straw. A. Belozertsev. Kolkh. proizv. 16 no. 7:34-35 Jl '56.
Mechanizing the harvesting of pulse crops. G.Voropaev, M. Rogozheva. Kolkh. proizv. 16 no. 6:30 Je '56.
New method for removing straw from the field. V. Papeta, A. Ocheretianyi. MTS 16 no. 7:27-29 Jl '56.
The TTP-12 trailer-transporter. M. P. Lebedev. Mekh. sil'. hosp. 7 no. 7:21-22 Jl '56.

HATCHETTINE see subdivision under Transcarpathia

HAUFF, WILHELM, 1802-1827
Do not impair good publications ("The dwarf Nose." Wilhelm Hauff. Translated from the German. Reviewed by S. Strashun). Sov. Ukr. 6 no. 7:176 Jl '56.

HAUPTMANN, GERHART JOHANN ROBERT, 1862-1946
Gerhart Hauptmann. I. Bernshtein. Teatr 17 no. 6: 189-190 Je '56.
A visit to Gerhart Hauptmann. G. Vais. Neva no. 6:171-176 Je '56.

HAVLÍČEK, KAREL, 1821-1856
A great son of the Czech people. Ivan Lozyns'kyi. Zhovten' 6 no. 7:118-122 Jl '56.
A Karel Havlicek-Borovsky letter. L. Kishkin. Slaviane no. 7:49-50 Jl '56.

HAVRYLENKO, MYKOLA IVANOVYCH
The falcon wings. H. Vollans'kyi. Ukraina no. 13:28-29 Jl '56.

HAWKS
A hawk failure. A. IAtsyna. Okh. i okh. khoz. no. 7:30 Jl '56.

HAY
(see also subdivision under Ternopol Province; Ukraine)
Advantages of early hay harvesting. V. N. Kitaev. Mosk. kolkh. 5 no. 6:19-20 Je '56.
Digestibility of cereal and varied-grass hay for camels. M. S. Karpov. Izv. AN Kazakh. SSR. Ser. osv. past. no. 2: 102-123 '51.
High-quality feed is the best prophylactic measure. V. A. Alikaev. Veterinariia 33 no. 7:80-85 Jl '56.
Preparing hay meal with feed grinders. M. A. Stepaniuk. Mekh. sil'. hosp. 7 no. 9: 23-25 S '56.

HAY—HARVESTING
For complete mechanization in hay harvesting. S. Popov. MTS 16 no. 5:20-21 My '56.
Hay harvesting in the non-Chernozem zone. N. Andreev. Kolkh. proizv. 16 no. 6:27-28 Je '56.
Make wide use of machinery in the procurement of hay. B. I. Bochkarev. Sovkhoz. proizv. no. 6:62-65 Je '56.
Treivas, A.B. [Over-all mechanization of haying] Kompleksnaia mekhanizatsiia uborki sena. Minsk, Gos. izd-vo BSSR, 1956, 115 p.

HAY FEVER
Using an endonasal novocaine block in some diseases. I. K. Gol'danfon. Voen.-med. zhur. no. 9:46-47 S '56.

HEADACHE
Headaches. I. I. Turevskii. Med. sestra 15 no. 6:3-6 Je '56.

HEALTH EDUCATION
How to conduct lessons on hygiene in the fourth grade. A. M. Kazanskii. Nach. shkola 24 no. 9:52-58 S '56.

HEALTH RESORTS, WATERING PLACES, ETC. (see also subdivision under Caucasus; Kamchatka; Krasnodar Territory; Latvia; Soviet Far East; Transcaucasia; Ukraine; White Russia)

Conference of the directors of organizational and methodological departments of scientific institutes of the health-resort system and of the head physicians of health resorts. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:89-91 Ja-Mr '56.

Health resorts of the U.S.S.R. noted for their climate. L. A. Chubukov. Priroda 45 no. 8:22-32 Ag '56.

Hydrogeological studies in the U.S.S.R. health resorts. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:95 Ja-Mr '56.

Problems in medical climatology and climatological therapy in sanatoria. G. P. Fedorov. Voen. -med. zhur. no. 5:45-51 My '56.

Some defects in the selection of patients for health resort treatment. V. A. Prokhorov. Voen. -med. zhur. no. 5:71 My '56.

Use of gradient observations for the examination of the surface air in the beach zone of a resort. E. M. Il'icheva, IU. N. Shvareva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:27-29 Ap-Je '56.

"Your son is in good health again." Ir. Il'icheva. Ogonek 34 no. 37:13 S '56.

HEALTH RESORTS, WATERING PLACES, ETC. — BIBLIOGRAPHY see Bibliography—Health resorts, watering places, etc.

HEARING

Determining average values of the minimum intensity of sounds perceptible in silence to man. B.E.Shelvekhman, G.V.Glekin, E.S.Meizerov. Trudy Inst. biol. fiz. no. 1: 238-246 '55.

Effect of low-frequency noise on the threshold of hearing in man. L.N.Tumarkina. Trudy Inst. biol. fiz. no. 1: 205-214 '55.

Formation of a conditioned reflex connection between visual and motor analysors with respect to the color and weight of objects. G.K.Gurtovoi, O.F.Telegina. Trudy Inst. biol. fiz. no. 1:200-204 '55.

Hearing disorders and vestibular function in hypertension. M. M. Frenkel'. Vest. oto-rin. 18 no. 4:44-47 Jl-Ag '56.

Masking by high-intensity wide-range noise. L.A.Varshavskii. Trudy Inst. biol. fiz. no. 1:215-237 '55.

Mechanism of sound conduction in fenestration of the labyrinth. V. R. Zbrozhek. Vest. oto-rin. 18 no. 4: 26-30 Jl-Ag '56.

Problem of preventing hearing disorders and deafness. H. Levenfish. Vest. oto-rin. 18 no. 4:11-19 Jl-Ag '56.

The role of the auditory analysor in the perception of rhythm and in rhythmical muscular activity. Biul. eksp. biol. med. 41 no. 6:7-13 Je '56.

HEARING—TESTING

Headpiece for testing the ability to hear whispered speech. V. P. Rykov, A. A. Kirushev. Voen. -med. zhur. no. 5:81-82 My '56.

Objective acoumetric method using a conditioned motor reflex reaction. S. E. Parnenko. Voen. -med. zhur. no. 3:55-56 Mr '56.

HEART

Actinomycosis of the heart. P. I. Vorotilkina. Sov. med. 20 no. 6:66-68 Je '56.

Botkin's cutaneocardiac reflex and variability of heart size. G. M. Pokalev. Terap. arkh. 28 no. 4:36-40 '56.

Distribution of colored glycosides in the tissues of the human and animal heart. I. I. Sivertsev. Trudy Inst. fiziol. AN Kazakh. SSR 1:5-12 '56.

HEART—BLOOD SUPPLY

Combined affections of the cerebral and cardiac vessels. M. I. Ostrovskii. Voen. -med. zhur. no. 5:41-44 My '56.

HEART—DISEASES

The adenosinetriphosphatase activity of the heart muscle in guinea pigs with diphtherial myocarditis. V. IE. Sokolova. Ukr. biokhim. zhur. 28 no. 2:201-206 '56.

Clinical aspects and pathological anatomy of chronic recurrent nonspecific (Fiedler's) myocarditis. Sov. med. 20 no. 5:50-54 My '56.

Diffuse myocarditis as a symptom of medicinal hypersensitivity. V. V. Sura, V. P. Sokolova, P. F. Kaliteevskii. Sov. med. 20 no. 5:45-49 My '56.

Effect of sea baths on atherosclerotic myocardiosclerosis. I. V. Danilov. Voen. -med. zhur. no. 6: 50-52 Je '56.

Effect of the meteorological factors of Kislovodsk on atherosclerotic cardiosclerosis. I. A. Prokof'ev. Voen. -med. zhur. no. 5:51-54 My '56.

The physiological mechanisms of a method for clinical electrocardiographic determination of the functional state of the myocardium and coronary blood circulation. IE. S. Brusylovs'kyi, M. IE. Kvitnyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 3:86-90 My-Je '55.

"Scarlet fever heart" according to electrocardiographic data. B. M. Elinson. Vop. okh. mat. i det. 1 no. 4:23 28 Jl-Ag '56.

Six known French cardiologists tell us about the human heart. Tekh. mol. 24 no. 8:34-37 Ag '56.

Treating cardiosclerosis at the Khosta health resort. P. A. Kharitonov. Voen. -med. zhur. no. 6:45-49 Je '56.

HEART—INFARCTION

Cerebrovascular diseases in myocardial infarct. V. V. Utkin. Voen. -med. zhur. no. 5:33-37 My '56.

HEART—INNERVATION

Analysis of the conditioned reflex arc to the heart. K. P. Topchilieva. Fiziol. zhur. [Ukr.] 1 no. 1:33-39 Ja-F '55.

Effects of I. P. Pavlov's accelerator nerve on coronary circulation. M. E. Raiskina, Z. T. Samoilova. Biul. eksp. biol. med. 41 no. 6:3-7 Je '56.

Sensory innervation of the venticular myocardium in the cat. S. P. Semenov. Dokl. AN SSSR 108 no. 4:732-733 Je '56.

HEART—SURGERY

Heart surgery. D. Khrabrovitskii. Mol. mira no. 6:16-17 '56.

HEART FAILURE

Effect of erysimine on cardiovascular insufficiency. N. I. Solomchenko. Sov. med. 20 no. 6:57-61 Je '56.

HEAT—CONDUCTION

Behavior of solutions for the equation of thermal conductivity in the neighborhood of an isolated singular point. S. D. Eidel'man. Usp. mat. nauk 11 no. 3:207-210 My-Je '56.

Effect of temperature on the over-all values of the thermal conductivity of gases at atmospheric pressure. N. V. TSederberg. Teploenergetika 3 no. 7:7-11 Jl '56.

Investigating the heat conductivity of boundary layers. M. G. Ramazanzade. Trudy Azerb. ind. inst. no. 7:57-62 '54.

Method of rapid determination of heat and temperature conductivity coefficients without taking samples. L. F. IAnkelev. Stroi. pred. neft. prom. 1 no. 5:14-17 Jl '56.

Nonstationary heat conduction in solids bounded by orthogonal surface coordinates. Part 1. Three-dimensional temperature fields. M. G. Kogan. Zhur. tekh. fiz. 26 no. 6:1185-1193 Je '56.

Nonstationary heat conductivity in solids bounded by orthogonal surface coordinates. Part 2. Temperature fields as functions of one coordinate. M. G. Kogan. Zhur. tekh. fiz. 26 no. 7:1525-1531 Jl '56.

Thermal conductivity of aqueous solutions of salts, acids, and alkalies. N. B. Vargaftik, IU. P. Os'minin. Teploenergetika 3 no. 7:11-16 Jl '56.

HEAT—CONVECTION

Approximate theoretical solution for convection heat-exchange problems related to fusion and solidification. A. Tkachev. Khol. tekh. 33 no. 2:50-54 Ap-Je '56.

Convective heat exchange in gas fuel combustion. V. N. Timofeev, V. A. Uspenskii. Izv. AN SSSR. Otd. tekh. nauk no. 9:111-114 S '56.

Determining the heating time for long-size parts in convection furnaces. A. A. Neustruev. Zhur. tekh. fiz. 26 no. 7:1556-1570 Jl '56.

Investigating heat exchange in a dead-end duct under natural convection conditions. A. G. Romanov. Izv. AN SSSR. Otd. tekh. nauk no. 6:63-76 Je '56.

HEAT—PHYSIOLOGICAL EFFECT

Effect of X-ray irradiation and heat on the capacity of egg albumin to form complex compounds with glycogen. E. L. Rozenfel'd, E. G. Plyshevskaia. Biofizika 1 no. 2:143-145 '56.

HEAT—RADIATION AND ABSORPTION

Effect of heat stream direction on the radiation coefficient value from a plane plate. IU. S. Likhnitskii. Sborn. trud. lab. prob. bystr. mash. 3:168-187 '53.

General solution of the problem for thermal boundary layers in diffusers. V. P. Shestopalov. Izv. AN SSSR. Otd. tekh. nauk no. 8:3-9 Ag '56.

Method for determining heat loss coefficients in porous-materials layers. N. M. Karavaev, V. P. Maikop. Izv. AN SSSR. Otd. tekh. nauk no. 6:89-100 Je '56.

HEAT—TRANSMISSION

Certain considerations concerning the method of calculating heat exchange and hydraulic resistance at high-speed gas flow. P. V. Dvornichenko. Zhur. tekh. fiz. 26 no. 7:1571-1578 Jl '56.

Crisis of heat removal in the flow of nonboiling water in an annular gap. V. S. Chirkin, V. P. IUkin. Zhur. tekh. fiz. 26 no. 7:1542-1555 Jl '56.

Defining method for the determination of heat transmission coefficients through casings of isothermal compressors. S.Gimpelevich. Khol. tekh. 33 no. 2:18-23 Ap-Je '56.

Heat and mass transmission in granular layers. Part 1. M. E. Aerov, N. N. Umnik. Zhur. tekh. fiz. 26 no. 6: 1233-1242 Je '56.

Heat and mass transmission in granular layers. Part 2. M. E. Aerov, N. N. Umnik. Zhur. tekh. fiz. 26 no. 6: 1243-1250 Je '56.

Heat conductivity coefficient of slag concretes prepared with granulated blast-furnace slag and slag binders. Biul. stroi. tekh. 13 no. 7:31-32 Jl '56.

Heat exchange between suspended particles of milled peat and the stream. T. F. Tagantseva. Torf. prom. 33 no. 5:30-32 '56.

Heat loss in a heated cylindrical tube subjected to transverse double-phase sprinkling. R. Z. Alimov. Zhur. tekh. fiz. 26 no. 6:1203-1205 Je '56.

Organosilicon heat-transfer media. A. M. Bakhareva, V. A. Grigor'ev. Prom. energ. 11 no. 6:1-4 Je '56.

Preheating dispersed media by gas flow. M. M. Shcherbanik. Izv. AN SSSR. Otd. tekh. nauk no. 9:115-116 S '56.

Problems of heat exchange and friction resistance in turbulent streams. S. S. Kutateladze. Teploenergetika 3 no. 7:40-45 Jl '56.

Temperature in furnaces. A. M. Gurvich, A. G. Blokh. Energomashinostroenie no. 6:11-15 Je '56.

Using a mixture of aluminum chloride and aluminum bromide as a heat-transfer agent. V. A. Bolsto. Teploenergetika 3 no. 7:27-34 Jl '56.

Volnik, A. I. [Technical thermodynamics and principles of heat transmission] Tekhnicheskaia termodinamika i osnovy teploperedachi. Pod red. A. A. Gukhmana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry chernoi i tsvetnoi metallurgii, 1956. 448 p.

HEAT ENGINEERING

Co-operative effort to increase the efficiency of the heat supply system in machinery-manufacturing plants. K. I. Michurina and others. Trudy LIKI no. 7:80-86 '56.

Kuz'min, P. I. [Selection and calculation of throttles for control units] Vybor i raschet drossel'nykh regulirushchikh organov. Moskva, Gos. energ. izd-vo, 1956. 111 p.

Lobodov, P. D., and A. A. Shchukin. [Industrial heat engineering] Promyshlennaia teplotekhnika. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 364 p.

Safonov, A. P. [Heating system problems] Zadachnik po teplovym setiam. Moskva, Gos. energ. izd-vo 1956. 191 p.

HEAT ENGINES

Investigation of the heat exchanger for a counterflow-type gas turbine with constant combustion. IU. M. Bedusenko. Sborn. trud. lab. prob. bystr. mash. 3:144-167 '53.

HEAT EXCHANGERS

Heat-exchanger installation and pipe fitting. N. V. Mel'nikov. Sudostroenie 22 no. 5:43 My '56.

How to operate plate heat exchangers. E. IU. Verbetich. Vin. SSSR 16 no. 4:49-51 '56.

HEAT OF SOLUTION

Studies on the orientation of high polymers. Part I. Amorphous Polymers (with English summary in insert) IU. S. Lipatov, V. A. Kargin, G. L. Slonimskii. Zhur. fiz. khim. 30 no. 5:1075-1091 My '56.

HEAT OF WETTING

Lyophily of disperse systems. Heats of wetting of silica gels with water, ethyl alcohol, and their solutions. A. V. Dumanskyi, IA. P. Mezhennyi, E. F. Nekriach. Dop. AN URSR no. 4:45-50 '49.

Wetting heats of variously hydrated silica gels when wetted by certain organic liquids. G. I. Alexandrova and others. Dokl. AN SSSR 102 no. 2:303-306 My '56.

HEAT PUMPS

Experimental installation for hydroelectric plant heating using refrigerating machines. L. Rozenfel'd, V. Ovsovskii, G. Serdakov. Khol. tekh. 33 no. 2:5-11 Ap-Je '56.

HEAT REGENERATORS

Improvements in the economics and productivity of open-hearth furnaces resulting from the installation of waste-heat boilers and evaporation cooling. I. I. Brak. Metallurg no. 2:17-22 F '56.

The use of dinas bricks in regenerator chambers. I. D. Lychak. Metallurg no. 5:37-38 My '56.

The use of high-alumina bricks in air preheaters. A. I. Kulik and others. Stal' 16 no. 7:582-585 Jl '56.

Utilizing waste heat in electric power stations. I. F. Il'. Mekh. stil', hosp. 7 no. 8:26-27 Ag '56.

HEAT RESISTANT ALLOYS

Composition and heat resistance for Ni-Cr-Ti ternary system alloys. I. I. Kornilov, L. I. Priakhina. Izv. AN SSSR. Otd. tekh. nauk no. 7:103-110 Jl '56.

Effect of alloying constituents on the heat-resisting properties of chromium stainless steels. G. P. Fedorisov-Lutikov, M. F. Shoshenov. Metalloved. i obr. met. no. 6:2-10 Je '56.

Pipes made of a heat resistant alloy. V. S. Mikheev. Vest. AN SSSR 26 no. 7:40-42 Jl '56.

HEAT RESISTANT ALLOYS—TESTING

Heat-resisting chromium steels to be used at 550-600°. L. IA. Liberman, A. V. Bosva. Metalloved. i obr. met. no. 6:16-25 Je '56.

HEAT TREATING FURNACES see Furnaces, Heat treating

HEAT TREATMENT OF METALS see Metals—Heat treatment

HEATING see subdivision under Georgia

HEATING—ELECTROMECHANICAL ANALOGIES
Model for the study of hydraulic conditions in heat supply systems. V.P.Kononov. Elektrichestvo no.6:78-81 Je '56.

HEAVY WATER see Deuterium oxide

HEDGEHOGS
Biological observations on the hedgehog Erinaceus auritus Gmelin as a reservoir of Leptospira [with English summary in insert]. D.I. Bibikov. Zool. zhur. 35 no.7:1059-1063 Jl '56.

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831
Oizerman, T.I. [Hegel's philosophy] Filosofiia Gegelia, Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 32)

HEILBRONN, GERMANY—ELECTRIC POWER PLANTS
Unit-plan electric power station at Heilbronn. V.IA. Girshfel'd. Teploenergetika 3 no.7:54-56 Jl '56.

HEINE, HEINRICH, 1797-1856
German language evening dedicated to the 100th anniversary of Heinrich Heine's death. T. Georgievskaia. Inostr. iaz. v shkole no.4:120 Jl-Ag '56.
In memory of Kalidasa, Heine, and Dostoevskii. Nar. Kit. no.12:33-36 Je '56.

HELIANTHUS
Sunflower-Jerusalem artichoke hybrid as a rubber plant. I.I. Marchenko. A.S. Sushkova. Dop. AN URSR no.4: 16-20 '48.

HELICOPTERS
New records of the MI-4 helicopter. Kryl. rod. 7 no.7: 8-9 Jl '56.
Special problems in operating helicopters under difficult meteorological conditions. G. Drobyshevskii, K. Makarov. Grazhd. av. 13 no.7:17-18 Jl '56.
Vertically rising flying machine. Kryl. rod. 7 no.6:23 Je '56.

HELIOSTAT
Heliostat with a large mirror. V.A. Timofeeva. Trudy MGI 7:153-160 '56.

HELIUM—ISOTOPES
Enrichment of helium with isotope $He^3$. V.P. Peshkov. Zhur. eksp. i teor. fiz. 30 no.5:950-954 My '56.
Fine structure of the $He^3$ II $\lambda$ 4607 Å line with allowance for Lamb shift of $\alpha^5$ terms. P.S. Kireev. Dokl. AN SSSR 108 no.2:226-227 My '56.

HELLEBORE
Times for collecting hellebore. P.I. Onitsev. Apt. delo 5 no.4:42-43 Jl-Ag '56.

HELLEBORE—PHYSIOLOGICAL EFFECT
White hellebore infusion for treating ear mange in rabbits. I.IU. Butkus. Kar. i zver. 9 no.4:52-53 Jl-Ag '56.

HELSINKI—JOURNALISM—CONGRESSES
After the international meeting in Helsinki. P. Pronin. Sov. pech. no.8:37-38 Ag '56.
Documents of the International Conference of Journalists. Sov. pech. no.7:39-41 Jl '56.
International conference of journalists. D. Kraminov. Sov. pech. no.6:41 Je '56.
International meeting of journalists. B. Izakov. Mezhdunar. zhizn no.7:103-107 Jl '56.

HELSINKI—YOUTH—CONGRESSES
Discussion in Helsinki. Andre Savaris. Mol. mira no.4: 1-2 '56.

HEMIANOPSIA
Absolute hemianopsia and hemiparesis in an 11-year old boy suffering from diabetes. F.R. Gol'dberg. Pediatriia 30 no.3:47-48 My-Je '56.

HEMINGWAY, ERNEST, 1898-
Man cannot struggle alone ("The old man and the sea," Ernest Hemingway. Translated from the English, Reviewed by N. Loziuk). Sov. Ukr. 6 no.7:171-173 Jl '56.

HEMOGLOBIN
Investigating the pigments of tumor cells with the ultraviolet microscope. M.P. Bukhman, L.I. Kostina. Biofizika 1 no.4:387-389 '56.
Particularities in the change of hemoglobin in children during their first year of life. T.V. Fokina. Vop. med. khim. 2 no.2:89-95 Mr-Ap '56.

HEMOLYSIS AND HEMOLYSINS
Features of the development of hemolysis in newborn infants. I.A. Shtern, A.M. Koroleva. Vop. okh. mat. i det. 1 no.3:6-12 My-Je '56.
Hemolytic disease in newborn animals. V.Z. Cherniak. Veterinariia 33 no.8:85-88 Ag '56.

HEMOPHILUS PERTUSSIS
Toxic characteristics of the pertussis microbe. Report no.3: Whooping cough anatoxin; combined whooping cough vaccine. E.F. Trushina-Tumanova. Zhur. mikrobiol. epid. i immun. 27 no.7:59-64 Jl '56.

HEMORRHAGE
Experimental expulsive hemorrhage. V.P. Filatov, L.F. Linnik. Oft. zhur. 11 no.1:3-4 '56.

HEMORRHAGE, CEREBRAL see Apoplexy

HEMORRHAGIC SEPTICEMIA—PREVENTIVE INOCULATION
Vaccination of Japanese deer against pasteurellosis. A.M. Ostopovskikh. Kar. i zver. 9 no.4:51-52 Jl-Ag '56.

HEMORRHOIDS see subdivision under China

HEMOSIDERIN
Investigating the pigments of tumor cells with the ultraviolet microscope. M.P. Bukhman, L.I. Kostina. Biofizika 1 no.4:387-389 '56.

HEMOSPORIDIA
The use of hemosporidin and trypaflavin in controlling hemosporidia in sheep. V.M. Eremin. Kar. i zver. 9 no.3:45-47 My-Je '56.

HEMOSTATICS
Lagochilus as a styptic in dacryorhinocystotomy. M.IA. Samutevich. Voen.-med. zhur. no.9:44 S '55.

HEMP
(see also subdivision under Adygey Autonomous Province)
Bernburg monoecious hemp. L. Vanzhura. Priroda 45 no.8:99-101 Ag '56.
Characteristics of primary bast fibers in hemp stalks. H.O. Sakalo. Ukr. bot. zhur. 13 no.1:63-73 '56.
Harvesting and raw processing of flax and hemp. V.I. Butanov. Mekh. sil'. hosp. 7 no.6:17-18 Je '56.
Improved retting ponds increase the returns in hemp growing. V.IA. Tikhonovich. Len. i konop. no.5:40-42 Jl '56.
Increasing the yields of hemp. E. Lukashevich. Sel'khoz. Kirg. no.4:11-14 Ap '56.
Some physiological characteristics of monoecious and dioecious hemp in ontogenesis. K.V. Riazanskaia. Trudy Bot. inst. Ser. 4 no.11:318-330 '56.
Threshing hemp with the C-4 combine. I. Andriushchenko, P. Gorianov. Len i konop. no.5:34-35 Jl '56.
Unit for the primary processing of hemp on collective farms. V.V. Sydlarenko. Mekh. sil'. hosp. 7 no.9: 14-15 S '56.

HEMP—HARVESTING
(see also subdivision under Pereshchepino District)
Highly productive use of equipment is the basis of successful harvesting. Len i konop. no.5:1-4 Jl '56.

HEPATIC VEINS—DISEASES
Obliterating phlebitis of the hepatic veins and its diagnosis in the living organism. L.I. Gefter, M.G. Morozova. Terap. arkh. 28 no.4:73-77 '56.

HEPATITIS, INFECTIOUS
Activity of aldolase and the heterohemagglutination reaction in Botkin's disease. E.L. Nazaretian, V.A. Anan'ev, E.N. Puzenkova. Sov. med. 20 no.5:66-71 My '56.
Infectious hepatitis (Botkin's disease) in children. S.IA. Flekser, M.A. Naumova. Vop. okh. mat. i det. 1 no.4: 38-44 Jl-Ag '56.
Nicotinic acid for treating Botkin's disease. N.V. Iunina. Voen.-med. zhur. no.6:41-43 Je '51.
Unconditioned secretion of the salivary glands in cases of infectious hepatitis (Botkin's disease). A.I. Makhtinger and others. Vop. okh. mat. i det. 1 no.4:44-48 Jl-Ag '56.

HERBICIDES
(see also subdivision under Tajikistan)
Chemical control of weeds. F.K. Vorob'ev. Zemledelie 4 no.7:30-37 Jl '56.
Chemical control of weeds in seeded fields. N.F. Vorob'eva. Sel'khoz. Povol. no.6:27-30 Je '56.
Chemical weed control in the United States. N.S. Sokolov. Zemledelie 4 no.7:96-101 Jl '56.
Chemical weeding. I.I. Gunar. IUn. nat. no.1:36-37 Ap '56.
Chemical weeding. Nauka i pered. op. v sel'khoz. no.6:83-84 Je '56.
Chemical weeding of fields. M. Berezovskii. Kolkh. proizv. 16 no.5:38 My '56.
Effectiveness of using the preparation 2, 4-DU in mixtures with mineral fertilizers. M. Kovtaniuk. Sovkhoz. proizv. no.6:72-73 Je '56.
Using herbicides in destroying tenacious vegetation on ponds. A.I. Bondur. Nauka i pered. op. v sel'khoz. no.6:45 Je '56.
Using herbicides on the collective farms of Chernigov Province. O. Stoichev. Kolkh. proizv. 16 no.5:39 My '56.

HEREDITY
Inheritance of acquired characteristics by organisms. M.V. Kulikov. Mat. VSEGEI no.9:222-228 '55.

HERRING see subdivision under Okhotsk, Sea of

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870
An unknown feuilleton by Hertzen. L. Lanskii. Novyi mir 32 no.9:278-279 S '56.

HERTZEN IN LITERATURE AND ART
A forbidden portrait. A. Vereshchagina. Neva no.7:188 Jl '56.

HETEROSIS
Heterosis in tobacco due to intervarietal hybridization [in Armenian with summary in Russian]. S.G. Barsegian, E.A. Gevorkian, F.M. Nubarian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no.7:37-48 Jl '56.

HEUSINGER, ADOLF, 1807-
People and events. Nov. vrem. 14 no.34:31 Ag '56.

HEXANE
Synthesis and study of nitro- and sulfo derivatives of 3,4-dimethyl-3,4-diphenylhexane. A.M. Khaletskii, A.N. Rudakova. Zhur. ob. khim. 26 no.5:1453-1456 My '56.

HEXOKINASE
Hexokinase of Clostridium oedematiens and certain of its properties [with English summary in insert]. G.F. Shemanova, V.A. Blagovoshchenskii. Biokhimiia 21 no.3:356-368 My-Je '56.

HEYERDAHL, THOR, 1914-
New expedition of Thor Heyerdahl. IUnost' no.8:111 Ag '56.

HIDES AND SKINS
(see also subdivision under United States)
Needed manual ("Skin diseases and defects in hides." M.G. Khatin, V.G. Leites. Reviewed by A. Mironov). Mias. ind. SSSR 27 no.3:58 '56.
Quality of rabbit pelts and ways of improving it. A.I. Kvapil'. Kar. i zver. 9 no.4:38-41 Jl-Ag '56.

HIGH BLOOD PRESSURE see Hypertension

HIGH MOLECULAR WEIGHT COMPOUNDS
Crystal-forming, high-molecular weight compounds found in petroleum. L.D. Melikadze, E.A. Usharauli, D.G. Chavchanidze. Soob. AN Gruz. SSR 17 no.4:317-320 '56.
Development of research in high molecular weight compounds (conference in Leningrad). M.V. Vol'kenshtein. Vest. AN SSSR 26 no.6:125-127 Je '56.

HIGHWAY TRANSPORT WORKERS
Shortcomings in wage organization at district automobile depots. M. Gordon. Sots. trud. no.6:98-100 Je '56.

HIGHWAY TRANSPORT WORKERS—CONGRESSES
Fifth congress of trade unions of the automotive transport and highway operation industries. Avt. transp. 34 no.5:3 My '56.

HILALI, d. 1528
Badr-ud-Din Hilali and his poem "Layla-u-Majnun." K.S. Aini. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no.6:135-140 '54.
Manuscript editions of the works of Badr-ud-Din Hilali. K.S. Aini. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no.7:29-49 '55.

HISTAMINASE
Mechanism of action of diamine oxidase (histaminase) [with English summary in insert]. E.V. Gorlachenkova. Biokhimiia 21 no.3:322-328 My-Je '56.

HISTAMINE
Mechanism of the skin reaction in electrophoresis of histamine. N.A. Vinogradov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no.1:44-50 Ja-Mr '56.

HISTORICAL FICTION
The historical theme. An. Shlakho. Novyi mir 32 no.7: 280 Jl '56.

HISTORICAL FICTION—COMPETITIONS
Results of the second round of the historical fiction book contest. Prep. ist. v shkole 11 no.3:120 My-Je '56.

HISTORICAL MUSEUMS see subdivision under Baku; Lvov; Moscow

HISTORICAL SOCIETIES see subdivision under Korea, North

HISTORIOGRAPHY
(see also subdivision under Mongolia; Tajikistan)
"Basic revision" of Soviet historiography on the nationalities question. P.K. Urban. Obz. vazhn. sob. v SSSR 3 no.84:19-26 Je '56.
Beginning of an important and useful work ("Outline history of the historical sciences in the U.S.S.R.," v.1. Reviewed by V. Mavrodin, S. Peshtich, E. Dudzinskaia). Kommunist 33 no.11:109-114 Jl '56.
Discussion on dividing the history of the countries of the East into periods. D.R. Vobilkov. Sov. vostokoved. no.3:141-147 '56.
Is it a "crisis of history" or a crisis of reactionary ideology? I. Kon. Nov. vrem. 14 no.26:10-14 Je '56.
Marxism-Leninism on the role of the masses and the individual in history. P. Gapochka. Mosk. prop. 13 no.5:29-36 My '56.

HISTORY
Brief notes. Vop. ist. no. 6:205, 221 Je '56.
A discussion of the proof copies of volumes five and six of the "Universal history" at the Institute of History of the Academy of Sciences of the U. S. S. R. Vop. ist. no. 5:202-204 My '56.
General meeting of the History Section of the Academy of Sciences of the U. S. S. R. IU. O. Bem. Vop. ist. no. 6:201-204 Je 56.
In the Department of Historical Sciences (meeting with Finnish historians). A. S. Protopopov. Vest. AN SSSR 26 no. 6:124 Je '56.
Sixth academic session of the Karelo-Finnish State University. G. M. Danilova. Vop. ist. no. 5:207-208 My '56.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CONGRESSES see subdivision under Rome

HISTORY—PERIODICALS
Important articles in the periodical "Voprosy istorii." Nar. obr. no. 6:64-69 Je '56.

HISTORY—PHILOSOPHY
V. I. Lenin on the role of the masses and individuals in history. N. Khalipov. Komm. Bel. 26 no. 6:10-21 Je '56.

HISTORY—SOURCES see subdivision under Kazakhstan

HISTORY—STUDY AND TEACHING
(see also subdivision under Moscow; Russia)
Answer to the editor of the periodical "Geschichte in der schule." Prep. ist. v shkole 11 no. 4:128 Jl-Ag '56.
Aspects of modern history in A. A. Vagin's book "Economic problems in the history course for classes 8-10." N. M. Gol'dberg, V. A. Orlov. Prep. ist. v shkole 11 no. 4:87-90 Jl-Ag '56.
Conference in Leningrad to discuss A. A. Vagin's book "Economic problems in the history course for classes 8-10." N. V. Andreevskaia and others. Prep. ist. v shkole 11 no. 4:99-101 Jl-Ag '56.
Conference in Moscow to discuss A. A. Vagin's book "Economic problems in the history course for classes 8-10." G. V. Zakharova, V. E. Stepanova. Prep. ist. v shkole 11 no. 4:90-99 Jl-Ag '56.
Develop more widely extracurricular work in history. Prep. ist. v shkole 11 no. 3:45-55 My-Je '56.
Further improvement of the ideological and theoretical element in the teaching of history. A. Kinkul'kin, E. Kostiukevich, P. Leibengrub. Nar. obr. no. 8:30-35 Ag '56.
Letter to the editor. Prep. ist. v shkole 11 no. 4:127-128 Jl-Ag '56.
Raise the ideological and theoretical level of teaching history in class 10. P. L. Ukhova'ka. Rad. shk. 35 no. 8:12-22 Ag '56.
Reply to a letter. Prep. ist. v shkole 11 no. 3:106 My-Je '56.
The science of history teaching methods; survey of materials published in the periodical "Geschichte in der schule" during 1955-1956. A. A. Vagin. Prep. ist. v shkole 11 no. 4:108-113 Jl-Ag '56.
The study and publicizing of the progressive experience of history teachers. K. V. Novopashennaia. Prep. ist. v shkole 11 no. 3:125-126 My-Je '56.
The tasks of history teaching and of the development of history teaching methods in the light of the decisions of the 20th Congress of the Communist Party of the Soviet Union. Prep. ist. v shkole 11 no. 4:3-11 Jl-Ag '56.
The 20th Congress of the Communist Party of the Soviet Union and tasks of the Soviet science of history. Vest. Mosk. un. 11 no. 4:143-150 Ap '56.
Work of a curriculum committee with reference to history. A. G. Grigor'ev. Prep. ist. v shkole 11 no. 4:125-127 Jl-Ag '56.

HISTORY, ANCIENT—STUDY AND TEACHING
Cliche expressions in ancient history classes. IU. N. Drugovskoi. Prep. ist. v shkole 11 no. 4:78-83 Jl-Ag '56.

HISTORY, MILITARY see subdivision 'Military history' under Russia

HISTORY, MODERN
Achievements and problems of the historiography of the modern period (16th-18th centuries). Vop. ist. no. 6: 206-218 Je '56.

HISTORY, MODERN—STUDY AND TEACHING
Efimov, A. V., ed. [Methods manual for modern history (1642-1870); for class 8 of the secondary school] Metodicheskoe posobie po novoi istorii (1642-1870); dlia VIII klassa srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 362 p.

HISTORY, UNIVERSAL see World history

HITCHHIKING see subdivision under United States

HITTITE LANGUAGE
Some non-Indo-European elements in the cuneiform Hittite (Nesite) language. T. V. Gamkrelidze. Soob. AN Gruz. SSR 17 no. 5:463-470 '56.

HODOGRAPH
Using unidirectional hodographs of reflected waves in seismic prospecting. G. IA. Murusidze. Trudy Inst. geofiz. AN Gruz. SSR 14:91-102 '55.

HOG HOUSES see Swine houses and equipment

HOGS see Swine

HOISTING MACHINERY
Clamp for hoisting large blocks. Sel'. stroi. 11 no. 5:23 My '56.
Device for limiting height of lift on electric pulley hacks. V. S. Gavrilov. Energetik 4 no. 7:28-29 Jl '56.
Grab transporter devices. L. A. Volkov. Nov. tekh. i pered. op. v stroi. 18 no. 7:25-26 Jl '56.
Pneumatic hoist for the storage tube of gamma ray source containers. V. N. Vasil'ev. Sudostroenie 22 no. 6:30 Je '56.
Semiautomatic sling ropes for mounting steel and reinforced concrete construction elements. S. I. Smal'. Stroi. prom. 34 no. 7:11-15 Jl '56.
Silage hoist. S. H. Luchkevych. Mekh. sil'. hosp. 7 no. 7:30-31 Jl '56.
Standard tubular transverse beam. N. I. Diubov. Rats. i izobr. predl. v stroi. no. 130:11-12 '56.

HOISTING MACHINERY—REPAIRING
Our experience in repairing coal elevator chains. G. A. Mezhlumov. Sakh. prom. 30 no. 5:48 My '56.

HOLLAND see Netherlands

HOLY WELLS
At the "holy" well. N. A. Lebedev. Nauka i zhizn' 23 no. 6:45 Je '56.

HOME AND SCHOOL
(see also subdivision under Kiev; Ukraine)
Don't restrict yourself to former experience. G. Nefedov. Sem'ia i shkola 11 no. 7:28 Jl '56.
First-year pupils. M. Stepanova. Sov. zhen. 12 no. 8: 45 Ag '56.
Prolonged day. A. Levshin. Raboinitsa 34 no. 8:25-26 Ag '56.
Readers' letters. Sem'ia i shkola 11 no. 6:32 Je '56.
Readers' letters. Sem'ia i shkola 11 no. 7:29-31 Jl '56.
Useful beginnings and suggestions. Sem'ia i shkola 11 no. 7:29 Jl '56.
The wall newspaper for parents. B. Panasiuk. Nar. obr. no. 7:53 Jl '56.
Work with parents of first-grade pupils. V. I. Ermolaeva, Nach. shkola 24 no. 9:49-51 S '56.

HOME ECONOMICS
Answers to our readers. Rad. zhiz. 11 no. 7:32 Jl '56.
Let us talk about thrift. A. Trafimava. Rab. i sial. 32 no. 8:22-23 Ag '56.

HOMES FOR THE AGED see Old age homes

HOMOGENTISIC ACID
Alkaptomuria in an eight-year-old child. V. V. Martynkina-Shitskova, G. P. Mitrofanova. Vop. okh. mat. i det. 1 no. 1:80-83 Ja-F '56.

HONAN PROVINCE—AGED—CARE AND HYGIENE
Protected old age. Kitai no. 6:18-19 Je '56.

HONCHARENKO, IVAN
Poetry of national heroism ("Verse and poems." Ivan Honcharenko. Reviewed by Vasyl' Lesun). Zhovten' 6 no. 7:106-109 Jl '56.

HONEY
Device developed by M. D. Orzhevskii for detecting honeydew in honey. B. M. Kzhevskii. Pchelovodstvo 33 no. 8:62-63 Ag '56.
Experiments with honey and beeswax conducted in school chemical club. A. I. Styshnov. Khim. v shkole 11 no. 4:59-61 Jl '56.

HONEY—THERAPEUTIC USE
Friends of health. N. P. Iorish. Nauka i zhizn' 23 no. 6: 46-48 Je '56.

HONGKONG—DESCRIPTION
A bad city; excerpt from the book "With my own eyes." Wanda Wasilewska. Translated from the Polish. Zmina no. 5:13-16 My '56.

HOOKS
Hook for uprooting tree stumps. D. P. Sidorov. Torf. prom. 33 no. 5:35-36 '56.

HOPKINS, THELMA
The record holder of the world. Fizk. i sport 26 no. 8: 25 '56.

HOPPERS
Hopper for mortar and loose materials. Sel'. stroi. 11 no. 5:23 My '56.

HOPS
Research on the biology of hops ("Agrobiological foundations of hop growing." I. D. Nechiporchuk). Reviewed by D. A. Garbuzova. Agrobiologiia no. 3:157 My-Je '56.
Transformation of hops by changing growing conditions. I. D. Nechiporchuk. Dokl. Akad. sel'khoz. 21 no. 6:15-17 '56.

HORMONES
Growth hormones... I. A. Eskin. Nauka i zhizn' 23 no. 8:63 Ag '56.

HORMONES (PLANTS)
Discussion on phytohormones. M. N. Moiseeva. Bot. zhur. 41 no. 4:522-531 Ap '56.
Formation of bios-type phytohormones in cultures of Azotobacter chroococcum. Report no. 1. L. I. Rubenchyk, Kh. H. Zynov'ieva. Mikrobiol. zhur. 9 no. 4:11-16 '48.
Physiologically active substances in the tissues of grasses. M. N. Moiseeva. Bot. zhur. 41 no. 4:560-568 Ap '56.

HORMONES, SEX
"Improvement in kidney function in late toxicosis of pregnancy by treatment with male sexual hormones" (Arch f. Gynaekologie no. 186:167-180 '56). H. W. Boschann. Abstracted by E. Vikhlineva. Akush. i gin. 32 no. 3:86-87 My-Je '56.

HORSE BREEDING
(see also subdivision under Moscow)
Algasovo Stud Farm. A. Romizov. Konevodstvo 26 no. 9:6-13 S '56.

HORSE RACING
(see also subdivision under Moscow; Stockholm)
At the hippodrome. N. Valerin. Ogonek 34 no. 27:30-31 Jl '56.
The races. Sov. Soiuz no. 7:34-35 Jl '56.
Reorganizing work on the tracks. A. IAkovlev. Konevodstvo 26 no. 9:42-43 S '56.

HORSE TRAINING
Our mail. Pioner no. 8:76-77 Ag '56.

HORSEFLIES see subdivision under Kazakhstan

HORSEMANSHIP
(see also subdivision under Stockholm)
Collective farm riders; an essay. D. Aleksandrov, Vs. Viadin. Ukraina no. 13:30-31 Jl '56.
Popular sport. S. M. Budennyi. Zdorov'e 2 no. 6:4-5 Ag '56.

HORSES
Efficient use of horses on state farms. IU. F. Golubash. Sovkhoz. proizv. no. 6:59-61 Je '56.
Lower the cost of raising pedigreed horses on stud farms. B. Popov. Konevodstvo 26 no. 9:1-5 S '56.
Use of horses on a leading collective farm. S. Karpov. Konevodstvo 26 no. 9:14-15 S '56.

HORSES—ANATOMY
Studying growth and development of the bones of the horse with the aid of roentgenography. V. Klinikov, A. IAkovlev. Konevodstvo 26 no. 9:15-20 S '56.

HORSES—DISEASES
Differential diagnosis of Rhinoestrus infection in horses. IU. S. Kolomiiets'. Sots. tvar. 26 no. 8:53-55 Ag '56.
Etiology and pathogenesis of gastroenteric colics in horses. R. S. Chebotar'ov. Trudy Inst. zool. AN URSR 8:18-26 '52.
Fatal cases of setariosis in horses. R. S. Chebotar'ov. Trudy Inst. zool. AN URSR 8:31-35 '52.
Latent forms of melanosarcoma. M. T. Taranov. Veterinariia 33 no. 8:20-30 Ag '56.
Melanosarcoma in horses and its biochemical diagnosis. M. Taranov. Konevodstvo 26 no. 9:20-21 S '56.
Vertical and horizontal migration of the larvae of horse strongyloids. R. S. Chebotar'ov, O. P. Kulakivs'ka. Trudy Inst. zool. AN URSR 8:27-30 '52.

HORSES—FEEDING AND FEEDING STUFFS
Efficient feeding of young trotters. G. Magidov, A. Pluzhnikov. Konevodstvo 26 no. 9:30-35 S '56.
Feeding corn to horses. P. Shumakii. Konevodstvo 26 no. 9:36-37 S '56.

HORTICULTURAL SOCIETIES
Suggestion of a Michurinite gardener. A. P. Evdokimov. Mosk. kolkh. 5 no. 6:46 Je '56.

HORTICULTURE see subdivision under Netherlands

HORVATH, IMRE, 1901-
People and events. Nov. vrem. 14 no. 33:10 Ag '56.

HOSPITALS
(see also subdivision under Minsk)
Standard design for an invalids' home. S. Koriakov. Sots. obesp. 17 no. 3:44-46 Mr '56.

HOSPITALS—HISTORY see subdivision under Moscow

HOSPITALS, GYNECOLOGIC AND OBSTETRIC see subdivision under Stupino

HOSPITALS, RURAL see subdivision under Kalinin District (Moscow Province); White Russia

HOT SPRINGS see Geysers

HOT-WATER HEATING
A ripe problem. I. F. Stollarov. Mosk. kolkh. 5 no. 6:27 Je '56.

HOTBEDS
Electric heating of hotbeds. S. I. Petruchenia, M. I. Vereskun. Mekh. sil'. hosp. 7 no. 1:30-31 Ja '56.
Heating hotbeds and greenhouses. D. D. Dobriakov. Nauka i pered. op. v sel'khoz. no. 6:40-41 Je '56.
Nateontov, D. I., and others. [Greenhouses, hotbeds, and heated soil] Teplitsy, parniki, uteplennyi grunt. [Moskva] Moskovskii rabochii, 1956. 246 p.
New method of heating hotbeds. E. D. Korol'kov. Mosk. kolkh. 5 no. 7:28-29 Jl '56.
Seedling hotbeds with air electric heating. M. M. Olinyk. Mekh. sil'. hosp. 7 no. 1:31-32 Ja '56.

HOTHOUSES see Greenhouses

HOURS OF LABOR
(see also subdivision under Germany, West; Sweden; Turin)
Letter of the World Federation of Trade Unions. Vsem. prof. dvizh. no. 6:4 Je '56.

HOURS OF LABOR—HISTORY see subdivision under France

HOUSE PLANS see Architecture, Domestic—Designs and plans

HOUSEHOLD UTENSILS see Kitchen utensils

HOUSES, APARTMENT see Apartment houses

HOUSING
(see also subdivision under Moscow; New York, State)
Hygienic rating of living conditions in apartments over boiler rooms. F. F. Lampert. Gig. i san. 21 no. 7: 14-18 Jl '56.

HOUSING, RURAL
A new house. I. Smirnov. Sov. Soiuz no. 7:20-21 Jl '56.
Support undertakings of Belgorod Province and Siberian collective farmers. T. Zueva. Kul't. -pros. rab. 17 no. 8:6 Ag '56.
The time has come. IA. Sapunkov. Kul't. -pros. rab. 17 no. 8:4-5 Ag '56.

HUBER, MAKSYMILIAN TYTUS, 1872-1950
"Theory of elasticity" [in Polish]. M. T. Huber. Reviewed by A. I. Lur'e. Izv. AN SSSR. Otd. tekh. nauk no. 6:172-174 Je '56.

HULLS (NAVAL ARCHITECTURE)
Approximate calculations of the arms of stability of a hull shell. A. N. Boguslavskii. Sudostroenie 22 no. 6:1-4 Je '56.
Conference devoted to problems of tolerances in the construction of ship hulls. A. A. Grigor'ev, S. V. Vasiunin. Sudostroenie 22 no. 6:47 Je '56.
Three-dimensional rigidity of complex roof and hull-type structural frames. V. K. Egupov. Izv. AN SSSR. Otd. tekh. nauk no. 7:43-52 Jl '56.

HULLS (NAVAL ARCHITECTURE)—WELDING
Using the Sv-08 wire in manufacturing electrodes for welding ship structures. N. L. Lushkov, F. I. Razdul. Sudostroenie 22 no. 5:27-30 My '56.

HUMBOLDT, ALEXANDER, 1769-1859
Safonov, V. A. [Travels into the unknown] Puteshestviia v neveddmoe. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 238 p.

HUMERUS—FRACTURE—DISLOCATION
Some modifications in the old design of the TsITO apparatus for treating shoulder fractures. M. N. Kosukha. Voen. -med. zhur. no. 4:76 Ap '56.

HUMIC ACID
Complete decomposition of humic acids by metallic sodium in liquid ammonia. T. A. Kukharenko, T. E. Vvedenskaia. Khim. i tekh. topl. no. 6:25-34 Je '56.
Methods for determining the humic acid content in solid combustible minerals. T. A. Kukharenko. Khim. i tekh. topl. no. 5:32-43 My '56.

HUMUS
Effect of improvement cuttings in mossy spruce-red bilberry forests on the soil humus content. A. V. Boiko. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:184-193 '55.
Effect of sodium chloride on the peptization of humic substances from peat and brown coal. E. M. Natanson, E. F. Nekriach, N. N. Kozachek. Zhur. prikl. khim. 29 no. 6:914-918 Je '56.
Paper partition chromatography in studying the forms of nitrogen in humus substances [with French summary in insert]. M. M. Kononova, I. V. Aleksandrova. Pochvovedenie no. 5:86-92 My '56.

HUNGARIAN LANGUAGE—ETYMOLOGY
Borrowings from Slavic in Hungarian. I. Kniezsa. Slaviane no. 6:29-34 Ag '56.

HUNGARIAN MUSIC see Music, Hungarian

HUNGARIAN SINGERS see subdivision 'Singers, Hungarian' under Novosibirsk

HUNGARY
In 11 years. Lajos Csetcrki. Klub 6 no. 8:12-13 Ag '56.

HUNGARY—AERONAUTICS, COMMERCIAL
Letter from Hungary. E. Tarján. Grazhd. av. 13 no. 5:39 My '56.

HUNGARY—AGRICULTURE, COOPERATIVE
On Hungarian fields. Imre Dobozi. Oktiabr' 33 no. 8: 95-95 Ag '56.

HUNGARY—ATHLETICS
Hungarian athletes prepare for the Olympic games in Melbourne. Gyula Hegyi. Fizk. i sport 26 no. 7: 31 '56.

HUNGARY—CHEMISTRY—CONGRESSES
Hungarian chemical congress. V. I. Spitsyn, A. F. Kapustinskii, V. V. Kozlov. Izv. AN SSSR. Otd. khim. nauk no. 5:635-640 My '56.

HUNGARY—CIRCUS
Guests from Hungary. K. Hryhor'iev. Rad. zhin. 11 no. 7:30 Jl '56.
The Hungarian circus. Ukraina no. 13:3 of cover Jl '56.

HUNGARY—CITIES AND TOWNS
Cities of Hungary. V. V. Bodrin. Vop. geog. no. 38:150-176 '56.

HUNGARY—COMMERCE
A book on the Hungarian economy and foreign trade ("Hungary; its economy and foreign trade." V. N. Myshkov Reviewed by N. Popov, A. Kabluchko). Vnesh. torg. 26 no. 6:29-30 Je '56.

HUNGARY—COOPERATIVE SOCIETIES
Hungarian producers' cooperators in the Soviet Union. Prom. koop. no. 5:30 My '56.

HUNGARY—CULTURE
In 11 years. Lajos Csetcrki. Klub 6 no. 8:12-13 Ag '56.
Visiting our Hungarian friends. H. Skorobohatova. Sots. kul't. 9 no. 6:44-45 Je '56.

HUNGARY—DESCRIPTION AND TRAVEL
Hungarian friends. Elena Kononenko. Rabotnitsa 34 no. 8:18-19 Ag '56.

HUNGARY—ECONOMIC CONDITIONS
A book on the Hungarian economy and foreign trade ("Hungary; its economy and foreign trade." V. N. Myshkov. Reviewed by N. Popov, A. Kabluchko). Vnesh. torg. 26 no. 6:29-30 Je '56.

HUNGARY—ELECTRONIC INSTRUMENTS
Exhibition of Hungarian electronic instruments in Moscow, 1955. V. I. Korol'kov, A. A. Sokolov. Izm. tekh. no. 3:88-90 My-Je '56.

HUNGARY—MINING ENGINEERING
Boring and blasting operations in Hungary. Simon Kalman. Ugol' 31 no. 7:40-42 Jl '56.

HUNGARY—PHYSICS—STUDY AND TEACHING
Teaching of physics in Hungarian schools. Tibor Erdei-Gruz. Fiz. v shkole 16 no. 4:51-53 Jl-Ag '56.

HUNGARY—PIONEERS (COMMUNIST YOUTH)
Hungarian Pioneers. György Szeke and others. Pioner no. 6:23-28 Je '56.

HUNGARY—SOIL RESEARCH
Brief history and present tasks in Hungarian soil science. I. Sabol'ch. Pochvovedenie no. 5:115-116 My '56.

HUNTING
(see also subdivision under Great Britain; Lithuania; Mogilev Province; Vladimir Province)
Are you ready for hunting? E. Kudriavtsev. Fizk. i sport 26 no. 8:30-31 '56.
Brief news. Okh. i okh. khoz. no. 7:60 Jl '56.
Calendar for hunters. S. Turov. Okh. i okh. khoz. no. 7: 64 Jl '56.
Fifty years of commercial hunting. P. Osipov. Okh. i okh. khoz. no. 7:8 Jl '56.
[The hunter's handbook] Nastol'naia kniga okhotnika-sportsmena. Moskva, Gos. izd-vo "Fizkul'tura i sport," Vol. 2, 1956. 433 p.
On an August day. V. German. Fizk. i sport 26 no. 8: 31 '56.
The plan has been exceeded. I. Stel'makh. Okh. i okh. khoz. no. 7:59 Jl '56.
Reorganize hunting. A. Liverovskii. Okh. i okh. khoz. no. 7:5-6 Jl '56.

HUNTING—PERIODICALS see subdivision under Germany

HUNTING AND FISHING CLUBS see subdivision under Kimry District; Sudogda District

HUNTING DOGS
Dogs for tracking burrowing animals. N. Poponov. Okh. i okh. khoz. no. 7:30-32 Jl '56.
Restore the contract system for dogs. A. Marin. Okh. i okh. khoz. no. 7:36 Jl '56.

HURMAZA, ANDRII MAKSYMOVYCH, 1908-1955
In memory of Andrii Maksymovych Hurmaza. V. O. Povarnitsyn. Ukr. bot. zhur. 13 no. 1:105-106 '56.

HURWITCH, ANGELIKA
Two encounters with Angelika Hurwitch. Mol. mira no. 5:20-22 '56.

HUSAIN, MIRZA, 1438-1506
Some data on the economics of the empire (1469-1506) of Sultan Husain Mirza. A. A. Semenov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 4:69-82 '53.

HYALURONIDASE
Determination of hyaluronidase in urine. E. P. Stepanian, N. I. Gorbarenko. Biul. eksp. biol. med. 41 no. 6:39-41 Je '56.
Ronidase. Saluzid and soluble saluzid. L-2 forest solution. Voen. -med. zhur. no. 6:94 Je '56.

HYBRIDIZATION, VEGETABLE
How hybrids are obtained. A. P. Gorin. IUn. nat. no. 1: 30-31 Ap '56.
Increasing the viability of apple hybrids. E. N. Sedov. Agrobiologiia no. 3:134-136 My-Je '56.
Length of the vegetative season of hard spring wheat hybrids as affected by growing conditions. A. F. Shulyndin, V. T. Manziuk. Dokl. Akad. sel'khoz. 21 no. 6:10-14 '56.
New plants and their creators. Ogonek 25 no. 52:20-23 D '47.
Results of remote crossing of stone fruit in connection with the activity of oxidizing enzymes. P. N. IAkovlev, V. I. Ostapenko. Agrobiologiia no. 3:11-14 My-Je '56.
Some problems in vegetative hybridization. Tsu Teiming. Agrobiologiia no. 3:129-130 My-Je '56.
Using tetraploids in buckwheat breeding. N. N. Petelina. Sel. i sem. 21 no. 2:58-59 '56.
Vegetative hybridization in breeding fiber flax. A. R. Rogash. Agrobiologiia no. 3:89-94 My-Je '56.
Vegetative hybridization in the breeding of plants of the grass family. A. E. Osipov. Agrobiologiia no. 3:78-88 My-Je '56.

HYDATIDS see subdivision under Tajikistan

HYDRANGEA
Hydrangea. A. I. Alisova. Sad i og. no. 6:70-73 Je '56.

HYDRAULIC ENGINEERING
(see also subdivision under Leningrad)
Calculating maximum flow of river water in planning hydraulic structures. L. S. Kuchov, Kh. M. Polin. Gidr. stroi. 25 no. 4:25-28 My '56.
Calculation of horizontal anisotropy of the soil when determining seepage flow under hydraulic structures. G. F. Ruban. Gidr. i mel. 8 no. 8:33-40 Ag '56.
Conference held by planning and research organizations. S. S. Shumel'. Gidr. stroi. 25 no. 6:61-62 Jl '56.
Construction of hydraulic structures abroad. V. G. Aivaz'ian. Gidr. stroi. 25 no. 5:51-56 Je '56.
Economic estimation of losses due to the inundation of croplands. G. A. Chernyi. Gidr. i mel. 8 no. 6:12-18 Je '56.
Filling the seams of hydraulic structures with cold asphalt mastics. P. D. Glevov, S. N. Popchenko. Gidr. stroi. 25 no. 6:18-22 Jl '56.
First experiments in using pyramid-shaped holding booms. A. D. Shpaikher, A. N. Shirokov. Les. prom. 34 no. 6: 20-21 Je '56.
Graph for determining the design moment in cover spans of rectangular pits. Rats. i izobr. predl. v stroi. no. 129:16-17 '56.
Hydrochemistry of bodies of water in connection with hydraulic structures; conference in Novocherkassk. O. A. Alekin, V. G. Datsko, G. S. Konovalov. Vest. AN SSSR 26 no. 8:110-111 Ag '56.
Hydromechanization on the projects of the Ministry of Construction of the U. S. S. R. N. M. Arnol'd, E. G. Kunakov. Nov. tekh. i pered. op. v stroi. 18 no. 7:7-10 Jl '56.
Likin, V. V. [Installation of metal construction elements in hydraulic construction] Montazh metallicheskikh konstruktsii gidrotekhnicheskikh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 275 p.
Problem of using reinforced elements in hydraulic structures. A. G. Zolotarev. Gidr. stroi. 25 no. 4:54-55 My '56.
Resistance of hydraulic engineering concretes to water attrition. V. N. IUng and others. Gidr. stroi. 25 no. 4: 34-38 My '56.
Sizing blocks by concreting. A. A. Zagriazhskii. Gidr. stroi. 25 no. 4:26-33 My '56.

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—CONGRESSES see subdivision under Prague

HYDRAULIC ENGINEERING—TABLES, CALCULATIONS, ETC.

Khmel'nitskii, G.S. [Table for hydraulic calculations of drainage installations] Tablitsy gidravlicheskogo rascheta vodootvodnykh sooruzhenii. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 61 p.

HYDRAULIC MACHINERY

Maintenance of hydraulic mounted attachments. H. L. Kal'bus. Mekh. sil'. hosp. 7 no. 6:18-19 Je '56.

Setting up the contacts of mercury controllers used in hydraulic accumulators. K. A. Pozdniakov, A. I. Aksel'rod, S. P. Bakumenko. Vest. mash. 36 no. 7: 58 Jl '56.

HYDRAULIC MINING
(see also subdivision under Kuznetsk Basin)

Hydraulic giants in mines. A. IUrchenko. Nauka i zhizn' 23 no. 6:10-11 Je '56.

HYDRAULIC PRESSES—WELDING

Welding in the repair of a 3,000-ton hydraulic press. B. D. Novinshtein. Svar. proizv. no. 6:30-31 Je '56.

HYDRAULIC TURBINES

Concerning I. N. Shiang's article "Investigation of the flow passage of hydraulic turbines." IU. U. Edel'. Gidr. stroi. 25 no. 4:56 My '56.

Generalized cavitation characteristics for hydraulic turbines. G. F. Proskura. Sborn. trud. lab. prob. bystr. mash. 3:11-65 '53.

Kovalev, N. N. [Achievements in Russian hudraulic turbine construction] Dostizhenila otechestvennogo gidroturbostroenila. Moskva, Izd-vo "Znanie," 1956. 46 p. (Vsesoiuznoe obshchestvo po rasprostranenilu politicheskikh i nauchnykh znanil. Ser. 4, nos. 23/24)

Smirnov, L.N. [Hydraulic turbines] Gidravlicheskie turbiny. Moskva, Gos. energ. izd-vo, 1956. 387 p.

Study of the operation of a Francis turbine under optimum conditions. I. N. Pogrebennyi. Energomashinostroenie no. 6:16-19 Je '56.

Welded and welded-cast stators for hydraulic turbines manufactured by the Kharkov (S. M. Kirov) Turbine Plant. N. N. Robuk, A. A. Melovisov. Energomashinostroenie no. 6:20-22 Je '56.

HYDRAULIC TURBINES—TESTING

Cavitation coefficient of hydraulic turbines as a function of the air content of water. L.S.Shmugliakov. Energomashinostroenie no. 5:11-14 My '56.

HYDRAZONES

Use of the nickel catalyst in the Kizhner reaction for hydrazone degradation. N. I. Shuikin, I. E. Grushko, I. F. Bel'skii. Izv. AN SSSR. Otd. khim. nauk no. 5:622-624 My '56.

HYDROBROMIC ACID

Acidity functions of aqueous solutions of hydrobromic and hydrochloric acids (with English summary in insert). M. I. Vinnik, R. N. Kruglov, N. M. Chirkov. Zhur. fiz. khim. 30 no. 4:827-836 Ap '56.

HYDROCARBONS

Adsorptive properties of hydrocarbons. A. V. Kiselev. Usp. khim. 25 no. 6:705-747 Je '56.

Bromination of unsaturated hydrocarbons. A. A. Petrov. Khim. i tekh. topl. no. 7:24-32 Jl '56.

Conversion of certain high molecular weight hydrocarbons with steam. S. V. Kaisman, D. V. Mushenko. Zhur. prikl. khim. 29 no. 6:955-957 Je '56.

Development of the natural resources of the petroleum chemistry industry (conference in the scientific-technical council on chemical processing of petroleum hydrocarbons). B. A. Krentsel'. Vest. AN SSSR 26 no. 6:133-135 Je '56.

Effect of the structure of the original hydrocarbon components on the physical and chemical properties of synthetic oils. M. G. Rudenko. Khim. i tekh. topl. no. 4:13-19 Ap '56.

Effect of the structure of the original hydrocarbon components on the physical and chemical properties of synthetic oils. Part 2. M. G. Rudenko, B. N. Gromova. Khim. i tekh. topl. no. 5:43-47 My '56.

Energy differences of rotational isomers of some halogen derivates of hydrocarbons. IU. A. Pentin, V. M. Tatevskii. Dokl. AN SSSR 108 no. 2:290-293 My '56.

The extent of hydrogenation of aromatic hydrocarbons in the destructive hydrogenation of petroleum residues. IA. R. Katsobashvili, N. S. Kurkova. Khim. i tekh. topl. no. 3:31-37 Mr '56.

High-temperature carbon monoxide reduction of fused iron catalysts used in the synthesis of hydrocarbons from CO and $H_2$. A. N. Bashkirov, S. M. Loktev. Izv. AN SSSR. Otd. tekh. nauk no. 8:138-139 Ag '56.

Individual paraffin and pentamethyl hydrocarbons of the gasoline fraction produced from Romashkin (Minibayevo) petroleum. A. V. Topchiev and others. Khim. i tekh. topl. no. 3:8-10 Mr '56.

Influence of $\pi$-electrons in hydrocarbon molecules upon the isotopic exchange of hydrogen in these molecules in the case of catalysis by potassium amide. A. I. Shatenshtein, E. A. Izrailevich. Dokl. AN SSSR 108 no. 2:294-297 My '56.

Isolation of individual normal paraffin hydrocarbons from the 200-350° fraction obtained from Romashkin Devonian petroleum. V. G. Nikolaeva and others. Khim. i tekh. topl. no. 3:11-17 Mr '56.

Labeled alcohol check of the dehydration-condensation mechanism in the formation of the hydrocarbon chain when hydrocarbons are synthesized from CO and $H_2$. O. A. Golovina and others. Dokl. AN SSSR 108 no. 2:253-255 My '56.

Oxidation of liquid hydrocarbons initiated by gaseous catalysts in the initial phase of its development (with English summary in insert). N. M. Emanuel'. Zhur. fiz. khim. 30 no. 4:847-855 Ap '56.

Oxides of transition metals as catalysts in the oxidation of hydrocarbons. L.IA.Margolis, S.Z.Roginskii, T.A. Gracheva. Zhur. ob. khim. 26 no. 5:1368-1371 My '56.

Peculiarities of hydrocarbon synthesis from carbon monoxide and hydrogen over ferrous catalysts under conditions of waste gas circulation. A. N. Bashkirov, IU. B. Kagan, IU. B. Kriukov. Izv. AN SSSR. Otd. tekh. nauk no. 6:136-143 Je '56.

Rate of the decomposition of potassium persulfate in hydrocarbon emulsions. A.I.IUrzhenko, O.P.Brazhnikova. Zhur. ob. khim. 26 no. 5:1311-1314 My '56.

Role of unsaturated hydrocarbons in petroleum aromatization. E. M. Tarasenkova. Trudy LIEI no. 9:123-133 '56.

Separation of hydrocarbons with different degrees of saturation. N. V. Keltsev. Khim. i tekh. topl. no. 6:38-43 Je '56.

Study of chemical conversions of polychloro hydrocarbons and related compounds. A. N. Nesmeianov, R. Kh. Freidlina, L. I. Zakharkin. Usp. khim. 25 no. 6:665-704 Je '56.

Thermal analysis and the microstructural studies of addition compounds of picric acid and cyclic hydrocarbons (with English summary in insert). E. IA. Mindovich. Zhur. fiz. khim. 30 no. 5:1082-1087 My '56.

HYDROCEPHALUS

Role of the nurse in aiding patients with the obstructive hydrocyphalic attacks. IU. I. Kartasheva. Med. sestra 15 no. 6:24-26 Je '56.

HYDROCHLORIC ACID

Acidity functions of aqueous solutions of hydrobromic and hydrochloric acids (with English summary in insert). M. I. Vinnik, R. N. Kruglov, N. M. Chirkov. Zhur. fiz. khim. 30 no. 4:827-836 Ap '56.

Dehydrochlorination of di- and monochloralkylsilane chlorides. Rearrangement of 1, 2-bis-(trichlorosilyl) chloroethane during the dehydrochlorination with aluminum chloride. A. D. Petrov, V. F. Mironov, D. Mashantsker. Izv. AN SSSR, Otd. khim. nauk no. 5:550-558 My '56.

HYDRODYNAMICS

A combined method of integrating equations for nonuniform slowly changing motions of water in open channels. G. A. Dzhimsheleishvili. Trudy Azerb. ind. inst. no. 7: 94-101 '54.

Distribution of velocities at the bend of a stream. I. L. Rozovs'kyi. Dop. AN URSR no. 6:411-415 '54.

Formation of the curved open surface of a stream above a drop. V. V. Smyslov. Dop. AN URSR no. 6:407-410 '54.

Laws for fluid discharge through small outlets of vessels having the shape of bodies of revolution. M. B. Sizov. [Trudy] MVTU no. 50:237-244 '56.

On a border problem of hydrodynamics. Report no. 1. I. V. Sukharevs'kyi. Dop. AN URSR no. 6:416-418 '54.

Relation of residual water saturation to polar admixtures in petroleum and petroleum products. G. A. Babalian, A. M. Kuliev. Izv. AN Azerb. SSR no. 3:11-26 Mr '56.

HYDROELECTRIC POWER
(see also subdivision under Khmel'nitskiy Province)

Vasil'ev, M.V. [Water works for us] Voda rabotaet. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 39 p. (Nauchno-populiarnaia biblioteka, no. 84)

Water power resources of the U. S. S. R. A. N. Voznesenskii, I. A. Terman. Gidr. stroi. 25 no. 4:13-20 My '56.

HYDROELECTRIC POWER STATIONS
(see also subdivision under Angara River; Armenia; Bulgaria; Glubochekskayl; Siberia; Smotrich River; Ukraine; Volga River; Yenisey River; also Akstafa Hydroelectric Power Station; Bratsk Hydroelectric Power Station; Irkutsk Hydroelectric Power Station; Jablanica Hydroelectric Power Station, Yugoslavia; Kakhovka Hydroelectric Power Station; Kashira Hydroelectric Power Station; Kayrak-Kum Hydroelectric Power Station; Kuybyshev Hydroelectric Power Station; Ladzhanuri Hydroelectric Power Station; Novosibirsk Hydroelectric Power Station)

Accessible to all. M. I. Login. Ogonek 34 no. 24:31 Je '56.

Building the engine house of a hydroelectric power station using prestressed precast concrete shells. V. Kh. Gol'tsman. Gidr. stroi. 25 no. 4:6-12 My '56.

Calculating and distributing the expenditures and losses of the national economy in creating water reservoirs for hydroelectric power stations. Z. D. Luskin. Gidr. stroi. 25 no. 6:23-26 Jl '56.

Calculating the distribution of flow of floating anchor ice according to the stream depth. D. N. Bibikov. Gidr. stroi. 25 no. 3:39-40 Ap '56.

Excursion to a hydro development. V. A. Aleksandrovskii. Geog. v shkole 19 no. 3:48-50 My-Je '56.

For further utilization of precast and reinforced concrete. P. I. Vasilenko. Gidr. stroi. 25 no. 3:1-7 Ap '56.

Hydraulic construction in the sixth five-year plan; facts and figures. B. Abramov. Part. zhizn' no. 13:41-46 Jl '56.

Little hydroelectric power station. D. IA. Sokolov, P. E. Tkachenko. Vozhatyi 32 no. 8:50-53 Ag '56.

Parallel operation of small water-power stations and stations connected to powerful electric systems. V. U. Gessen and others. Sbor. nauch. rab. LIMSKH 9:240-266 '53.

Problems of dynamic stability in small water-power systems. S. A. Nacharian. Sbor. nauch. rab. LIMSKH 9:239-248 '53.

Prospective level for selecting hydroelectric power station capacity. B. L. Erlikhman. Gidr. stroi. 25 no. 4:21-25 My '56.

Reducing the temperature in the abutment of a turbine-generator unit. P. P. Parkhomenko. Elek. sta. 27 no. 6:53 Je '56.

Some problems of design of the mechanical equipment of gate installations in river hydroelectric power stations. E. I. Zal'kindson. Gidr. stroi. 25 no. 3:31-36 Ap '56.

Study of water accumulated under snow and calculation of maximum accumulations in planning hydroelectric power stations. P. A. Vasiliskov and others. Gidr. stroi. 25 no. 3:37-39 Ap '56.

Three hydroelectric power stations in a collective farm. I. Volkov and others. Ogonek 34 no. 24:31 Je '56.

Toward new achievements in building hydroelectric power installations. F. G. Loginov. Gidr. stroi. 25 no. 6:1-4 Jl '56.

HYDROELECTRIC POWER STATIONS—AIR CONDITIONING

Experimental installation for hydroelectric plant heating using refrigerating machines. L. Rozenfel'd, V. Onosovskii, G. Serdakov. Khol. tekh. 33 no. 2:5-11 Ap-Je '56.

HYDROGEN

Catalytic hydrogen waves. Catalytic reduction of hydrogen ions on a dropping mercury cathode in presence of zirconyl nitrate. A. M. Vasil'ev, V. I. Gorokhovskaia-Proukhina. Trudy Kom. anal. khim. 7:142-148 '56.

Combustion of mixtures of nitric oxide and hydrogen. Part 1. Kinetics of the reaction in the flame (with English summary in insert). A. I. Rozlovskii. Zhur. fiz. khim. 30 no. 4:912-921 Ap '56.

Diffusion of hydrogen through iron and binary iron-chromium and iron-nickel alloys at high pressure and temperatures. A. A. Shcherbakova. Zhur. prikl. khim. 29 no. 6:879-884 Je '56.

Hydrogen produced by the action of metallic magnesium on carbohydrates. P. N. Fedoseev, N. P. Ivashova. Khim. v shkole 11 no. 4:46-49 Jl '56.

Nature of the intramolecular hydrogen bond. D. N. Shigorin and others. Dokl. AN SSSR 108 no. 4:672-676 Je '56.

On the paper by O. M. Poltorak "The activation energy of hydrogen ion discharge and the problem of absolute potential in electrochemical kinetics." M. I. Temkin, A. N. Frumkin. Zhur. fiz. khim. 30 no. 5:1162-1166 My '56.

Peculiarities of hydrocarbon synthesis from carbon monoxide and hydrogen over ferrous catalysts under conditions of waste gas circulation. A. N. Bashkirov, IU. B. Kagan, IU. B. Kriukov. Izv. AN SSSR. Otd. tekh. nauk no. 6:136-143 Je '56.

Production of negative hydrogen ions by passing positive hydrogen ions through a supersonic mercury-vapor jet. IA. M. Fogel', L. I. Krupnik, V. A. Ankudinov. Zhur. tekh. fiz. 26 no. 6:1208-1221 Je '56.

Rate of hydrogen exchange in dissolved ammonium salts. L. V. Sulima, A. I. Brodskii. Ukr. khim. zhur. 17 no. 2: 165-172 '51.

Retardation of the electrodiffusion of hydrogen in iron and steel by surface films of some metals (with English summary in insert). L. I. Freiman, V. A. Titov. Zhur. fiz. khim. 30 no. 4:882-886 Ap '56.

Selection of physically acceptable solutions of the Schrödinger equation for the hydrogen atom. T. Tietz. Zhur. eksp. i teor. fiz. 30 no. 5:948-949 My '56.

Velocity constant of hydrogen dissociation on a palladium surface as determined from data on diffusion in palladium (with English summary in insert). V. B. Kazanskii and others. Zhur. fiz. khim. 30 no. 4:821-826 Ap '56.

HYDROGEN—ISOTOPES

Influence of $\pi$-electrons in hydrocarbon molecules upon the isotopic exchange of hydrogen in these molecules in the case of catalysis by potassium amide. A. I. Shatenshtein, E. A. Izrailovich. Dokl. AN SSSR 108 no. 2:294-297 My '56.

Method for the study of hydrogen exchange in liquid deuterium bromide (with English summary in insert). V. R. Kalinachenko, IA. M. Varshavskii, A. I. Shatenshtein. Zhur. fiz. khim. 30 no. 5:1140-1143 My '56.

HYDROGEN—SPECTRA
Spectroscopic investigations of powerful pulse discharges in hydrogen. S. IU. Luk'ianov, V. I. Sinitsyn. Atom. energ. no. 3:88-96 '56.

HYDROGEN PEROXIDE
Additional material on the theory of coactivity of catalysts in solution. Part I. Intermediate products of catalysis by calcium and molybdenum (with English summary in insert). G. A. Bogdanov, T. I. Berkengeim, V. A. Scherbinin. Zhur. fiz. khim. 30 no. 4:869-895 Ap '56.
Concerning the existence of the $HO_2$ radical. R. B. Tagirov. Zhur. fiz. khim. 30 no. 4:949-950 Ap '56.
Existence of a higher peroxide hydrogen. L. I. Nekrasov, I. I. Skorokhodov. Zhur. fiz. khim. 30 no. 5:1189-1190 My '56.
Mechanism of hydrogen peroxide formation from atoms and radicals (with English summary in insert). L. I. Avramenko, R. V. Kolesnikova. Zhur. fiz. khim. 30 no. 4:763-768 Ap '56.

HYDROGEN PEROXIDE—PHYSIOLOGICAL EFFECT
Using hydrogen peroxide in experiments on raising plants in water solutions and for speeding up the rooting of cuttings. V. F. Portianko. Fiziol. rast. 3 no. 4:333-336 Jl-Ag '56.

HYDROGEN SULFIDE
Pleshakov, V. D. [Removing hydrogen sulphide from artesian water] Udalenie serovodoroda iz artezianskikh vod. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 36 p.
Removal of hydrogen sulfide from coke gas by circulating washing under pressure ("Gluckauf" no. 91 August 1955). Koks i khim. no. 4:3 of cover '56.
Treating hypertension with inhalations of a hydrogen sulfide solution. A. S. Nevraeva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:29-38 Ja-Mr '56.

HYDROGENATION
Analysing products made by the synthesis of CO and $H_2$ using iron catalysts. E. M. Kheifets. Khim. i tekh. topl. no. 5:9-17 My '56.
Composition and properties of synthetic products obtained from carbon monoxide using iron alloys as catalysts. B. M. Kheifets, N. V. Milovidova, I. B. Raport. Khim. i tekh. topl. no. 2:35-45 F '56.
Composition of products made by the synthesis of CO and $H_2$ using kieselguhr catalysts. A. N. Bashkirov, S. M. Loktev, M. I. Khotimskaia. Khim. i tekh. topl. no. 5:18-22 My '56.
The extent of hydrogenation of aromatic hydrocarbons in the destructive hydrogenation of petroleum residues. IA. R. Katsobashvili, N. S. Kurkova. Khim. i tekh. topl. no. 3:31-37 Mr '56.
Hydrogenation of divinyl-rubber solutions at normal pressure and room temperature. Part 1. Preparation of rubbers of various degrees of hydrogenation and their properties. A. I. IAkubchik, G. N. Gromova. Zhur. ob. khim. 26 no. 5:1391-1390 My '56.
Metal-organic synthesis of dibiphenylalkanes and their hydrogenation. A. D. Petrov, E. P. Kaplan, Z. I. Letina. Zhur. ob. khim. 26 no. 5:1246-1248 My '56.
Studying the synthesis of carbon monoxide and hydrogen using kiezelghur as a catalyst. A. N. Bashkirov, S. M. Loktev. Khim. i tekh. topl. no. 4:7-12 Ap '56.
Using hydrogen and carbon in the destructive hydrogenation of fuels. V. I. Karzhev, N. V. Shavolina. Khim. i tekh. topl. no. 2:30-34 F '56.

HYDROGRAPHIC SURVEYING
Kudritskii, D. M., I. V. Popov, and E. A. Romanova. [Principles of hydrographic deciphering of aerial photographs] Osnovy gidrograficheskogo deshifrirovaniia aerofotosnimkov. Pod red. A. P. Domanitskogo. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 343 p.

HYDROGRAPHY see subdivision under Issyk-Kul Lake

HYDROLOGY
(see also subdivision under Oka River; Volga River)
Hydrogeological studies in the U. S. S. R. health resorts. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:95 Ja-Mr '56.
"Hydrology of dry land," A. I. Chebotarev. Reviewed by V. M. Pavlov. Meteor. i gidrol. no. 6:67 Je '56.
Study of water accumulated under snow and calculation of maximum accumulations in planning hydroelectric power stations. P. A. Vasiliskov and others. Gidr. stroi. 25 no. 3:37-39 Ap '56.
Variability of factors and components of annual stream flow. D. D. Kvasov. Vest. Len. un. 11 no. 12:99-102 '56.

HYDROPEROXIDES
Kinetic characteristics of hydroperoxides as intermediate products of the n-decane oxidation reaction (with English summary in insert). L. S. Vartanian, Z. K. Maizus, N. M. Emanuel'. Zhur. fiz. khim. 30 no. 4:856-861 Ap '56.

HYDROTHERAPY
(see also subdivision under Poland)
"Balneology and balneohygiene" [in German], A. Kukowka. Reviewed by V. L. Kardashev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:77-78 Ap-Je '56.
Ten-day conference of the physicians of balneological and fangotherapeutic sanatoriums. V. N. Sovetov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:92-93 Ap-Je '56.

HYGIENE
From the editors. Gig. i san. 21 no. 7:58-59 Jl '56.
Health advice. Zdorov'e 2 no. 8:29-31 Ag '56.
Hygiene for adolescents. L. Pisareva. Sov. zhen. 12 no. 8:46 Ag '56
"Hygiene textbook." N. V. Vinogradov, V. G. Nadezhdin. Reviewed by V. G. Kondrat'ev. Gig. i san. 21 no. 7:55-57 Jl '56.
Hygienic rating of living conditions in apartments over boiler rooms. F. F. Lampert. Gig. i san. 21 no. 7:14-18 Jl '56.

HYGIENE—STUDY AND TEACHING see Health education

HYGIENE, INDUSTRIAL see Industrial hygiene

HYGIENE, MILITARY see Military hygiene

HYGIENE, NAVAL see Naval hygiene

HYGIENE, SEXUAL
The sexual hygiene of adolescents and children. V. Ivanov. Sem'ia i shkola 11 no. 6:18-19 Je '56.

HYGIENE, VETERINARY see Veterinary hygiene

HYPERBOLOID
Remarks on the article of D. Z. Gordevskii "Multivariate hyperboloid analogs," T. V. Solntseva. Usp. mat. nauk 11 no. 3:175-176 My-Je '56.

HYPERTENSION
Association of hypertension with pulmonary tuberculosis. S. R. Lachinian. Sov. med. 20 no. 6:44-47 Je '56.
Blood pressure and vascular tonus changes following bites of the blackwolf spider (Latrodectus tredecimguttatus). Z. S. Barkagan. Terap. arkh. 28 no. 4:45-51 '56.
Bloodletting by venesection and leeches in hypertension. V. A. Galkin. Terap. arkh. 28 no. 4:16-23 '56.
Classification of hypertension. A. L. Mikhn'ov, O. P. Karapaia. Fiziol. zhur. [Ukr.] 1 no. 3:70-77 My-Je '55.
Disorders in the higher nervous activity in experimental renal hypertension. M. I. Hurevych. Fiziol. zhur. [Ukr.] 1 no. 2:62-71 Mr-Ap '55.
Effect of arterial hypertension on the emaciation and restoration of gastric glands. E. S. Alekseintseva. Fiziol. zhur. [Ukr.] 1 no. 3:51-58 My-Je '55.
Effect of narcotics on renal circulation in healthy dogs and in dogs with experimental hypertension. Z. T. Samoilova. Biul. eksp. biol. med. 41 no. 6:45-49 Je '56.
Effect of ultrahigh-frequency therapy on the functional state of the nervous system in hypertension. L. I. Fisher. Vop. kur. fizioter. i tech. fiz. kul't. 21 no. 2:35-41 Ap-Je '56.
Functional characteristics of large vessels in hypertension. V. P. Nikitin. Terap. arkh. 28 no. 4:10-15 '56.
Functional state of coronary circulation in hypertension; electrocardiographic examinations. R. D. Dibner. Terap. arkh. 28 no. 4:3-9 '56.
Hearing disorders and vestibular function in hypertension. M. M. Frenkel'. Vest. oto-rin. 18 no. 4:44-47 Jl-Ag '56.
Hypertension developing in athletes as a result of poorly organized training. E. N. Shlitus. Voen.-med. zhur. no. 9:26-28 S '55.
Indications and contraindications for the treatment of hypertension at the Sochi-Matsesta health resort. N. E. Filinov. Voen.-med. zhur. no. 6:56-60 Je '51.
Interoceptive influences from the lungs on blood circulation and respiration in experimental renal hypertension. L. P. Cherkas'kyi. Fiziol. zhur. [Ukr.] 1 no. 3:37-42 '55.
Materials on the problem of the effect of prolonged sleep on the course of clinical and experimental hypertension. M. I. Hurevych, M. V. Il'chovych. Fiziol. zhur. [Ukr.] 1 no. 1:40-45 Ja-F '55.
Mechanism of action of oxygen baths in hypertensives. B. M. Berezovskaia. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:28-33 Ja-Mr '56.
Morphological changes in dogs in experimental renal hypertension. O. F. Kysel'ova, N. V. Lauer. Fiziol. zhur. [Ukr.] 1 no. 3:78-85 My-Je '55.
Possibility for favorable outcome in hypertension with severe retinopathy. I. F. Kopp, G. L. Kats. Sov. med. 20 no. 6:26-29 Je '56.
Problem of hypertension in foreign countries and the U. S. S. R. during the last ten years. A. L. Miasnikov, N. A. Ratner. Vest. AMN SSSR 11 no. 3:29-43 '56.
Renin content in human kidneys following death from hypertension, and in rabbits with experimental hypertension induced by coarctation and with cholesterine atherosclerosis. IU. D. Vadkovskaia. Biul. eksp. biol. med. 41 no. 6:23-27 Je '56.
Role of a night sanatorium in the prevention and therapy of hypertension. IA. M. Grinberg, P. F. Sviridov, I. M. Smirnov. Sov. med. 20 no. 6:22-25 Je '56.
Role of the allergy factor in the development and course of experimental renal hypertension. V. A. Lostev. Fiziol. zhur. [Ukr.] 1 no. 2:72-77 Mr-Ap '55.
Treating hypertension with inhalations of a hydrogen sulfide solution. A. S. Nevraeva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:29-38 Ja-Mr '56.
Vascular reflexes in hypertension. N. N. Bragina. Terap. arkh. 28 no. 4:23-28 '56.

HYPNOTISM—THERAPEUTIC USE
Hypnotherapy in certain skin diseases at a rural hospital. A. IA. Kreimer. Vest. ven. i derm. no. 3:47-48 My-Je '56.

HYSSOP
Hyssop as green poultry feed. G. V. Chernyshev. Ptitsevodstvo 6 no. 8:37 Ag '56.

HYSTERIA
What a nurse should know about the epileptic and hysterical attacks. I. Z. Kopshitser. Med. sestra 15 no. 6:9-12 Je '56.

I. SECHENOV (SHIP)
The steamship, "I. Sechenov." Sudostroenie 22 no. 6:7-9 Je '56.

IAKINF, monk, 1777-1853
The life of Nikita IAkovlevich Bichurin ("A friend of Chung Kuo (China)." A. Talanov, N. Romova. Reviewed by G. Stratanovich). Novyi mir 32 no. 6:267-268 Je '56.

IANOVSKAIA, SOF'IA ALEKSANDROVNA, 1896-
Sof'ia Aleksandrovna IAnovskaia; on the 60th anniversary of her birth. Usp. mat. nauk 11 no. 3:219-222 My-Je '56.

IARON, GRIGORII MARKOVICH
I am answering. Ogonek 25 no. 48:31 N '47.

IAROSHENKO, NIKOLAI ALEKSANDROVICH, 1846-1898
Nikolai Aleksandrovich IAroshenko. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. 39 p., illus. (Mastera russkogo iskusstva)

IAROSLAVSKII, EMEL'IAN, 1878-1043
Letters and drawings by Emel'ian IAroslavskii from the period of his penal servitude. An. Elkin. Novyi mir 32 no. 6:272-273 Je '56.

IATSKIV, MYKHAILO, 1873-
Mykhailo IAtskiv. IUrii Mel'nychuk. Zhovten' 6 no. 7:88-96 Jl '56.

IAUNZEM, IRMA
A friend of the Soviet song. Sov. muz. 20 no. 7:107-108 Jl '56.

IBARURRI, RUBEN
Ruben Ibarurri. M. Mel'nikau. Biarozka 32 no. 6:20-21 Ag '56.

IBERIAN PENINSULA—GEOGRAPHY
[Spain, Portugal, Andorra, Gibraltar] Ispaniia, Portugaliia, Andorra, Gibraltar. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 23 p. (Strany Evropy. Geograficheskie spravki)

IBSEN, HENRIK, 1828-1906
Basic problems in the philosophy and works of Ibsen. E. M. Meletinskii. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:216-229 My-Je '56.
A great Norwegian. Artem Holosov. Zmina no. 5:16 My '56.
Henrik Ibsen. Rad. shk. 35 no. 5:64 My '56.
Henrik Ibsen. Sov. Soiuz no. 6:40 Je '56.
Henrik Ibsen; on the 50th anniversary of his death. Liubomir Dmyterko. Sov. Ukr. 6 no. 7:161-164 Jl '56.
In memory of Henrik Ibsen. Nov. Kor. no. 6:41 Je '56.

ICE
Temperature limits of formation of ice particles in supersaturated water vapor. L. G. Kocharin, N. A. Zaitseva, S. I. Lomanova. Izv. AN SSSR. Ser. geofiz. no. 7:857-861 Jl '56.

ICE AGE see Glacial epoch

ICE-BREAKING VESSELS
Bottle-borne message from the icebreaker "Taymyr." A. F. Laktionov. Izv. Vses. geog. ob-va 88 no. 3:302 My-Je '56.

ICE CREAM INDUSTRY
Technology of soft ice cream production. N. Savinovskii. Khol. tekh. 33 no. 2:30-32 Ap-Je '56.

ICE ON RIVERS, LAKES, ETC.
(see also subdivision under Yakutia)
Calculating the distribution of flow of floating anchor ice according to the stream depth. D. N. Bibikov. Gidr. stroi. 25 no. 3:39-40 Ap '56.

ICELAND—CHESS—TOURNAMENTS
Soviet chess players in Iceland. Shakh. v SSSR 33 no. 7:221 Jl '56.

ICELAND—DESCRIPTION AND TRAVEL
In Iceland. Jean Pierre Chabrol. Ogonek 34 no. 37: 19-20 S '56.

ICELAND—ELECTIONS
After the elections in Iceland. Mezhdunar. zhizn' no. 8: 125-127 Ag '56.
Parliamentary elections in Iceland. Nov. vrem. 14 no. 28:16-18 Jl '56.

ICELAND—MILITARY BASES, AMERICAN
Parliamentary elections in Iceland. Nov. vrem. 14 no. 28:16-18 Jl '56.

ICHNYA DISTRICT—EYE—WOUNDS AND INJURIES
Some problems of eye injuries in Ichnya District, Chernigov Province for the past five years. F. I. Fedchenko. Oft. zhur. 11 no. 1:17-20 '56.

ICHTHYOLOGY
Plenum of the ichthyological commission of the Academy of Sciences of the U. S. S. R. B. G. Ioganzen. Zool. zhur. 35 no. 5:791-792 My '56.

IL'F, IL'IA ARNOL'DOVICH, 1897-1937
The works of Il'ia Il'f and Evgenii Petrov. An. Tarasenkov. Znamia 26 no. 8:179-183 Ag '56.

ILI VALLEY—CANNABIS INDICA
Natural stands of Indian hemp along the lower reaches of the Ili River. P. S. Chaban. Izv. AN Kazakh. SSR, Ser. osv. pust. no. 2:33-46 '51.

ILI VALLEY—EXCAVATIONS (ARCHAEOLOGY)
Report on the work of the Iliysk Archaeological Expedition of 1954. K. A. Akishev. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:5-32 '56.

ILI VALLEY—MOUNDS
Two types of burial mounds on the right bank of the Ili River. G. A. Kushaev. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:207-220 '56.

IL'IN, SEMEN SAVEL'EVICH, 1881-
Semen Savel'evich Il'in; on his 75th birthday. Mast.-zhir. prom. 22 no. 4:38 '56.

IL'INSKII, ALEKSEI PORFIR'EVICH, 1888-1945
In memory of A. P. Il'inskii (1888-1945). E. M. Lavrenko. Bot. zhur. 41 no. 4:607-610 Ap '56.

IL'INSKII, IGOR' VLADIMIROVICH
Defense of dissertations. Teatr 17 no. 6:174 Je '56.

ILLUMINATION OF BOOKS AND MANUSCRIPTS
(see also subdivision under Armenia)
Studies on Feofan Grek. Chapter 2: Feofan Grek and the Moscow school of miniatures in the 1390's. V. N. Lazarev. Viz. vrem. 8:143-165 '56.

ILLUSTRATION OF BOOKS
The comprehension of artistic illustrations by older preschool children. V. A. Ezikeeva. Doshk. vosp. 29 no. 7:6-12 Jl '56.
Work on the drawings for the book by B. Polevoi "Tale about a real man." N. Zhukov. Iz tvor. op. no. 1:5-51 '55.

IMMUNITY
Characteristic and duration of immunity in influenza. N. P. Karniushenko. Zhur. mikrobiol. epid. i immun. 27 no. 7:70-74 Jl '56.
Effect of ionizing radiation on immunity to enteric infections. M. A. Tumanian, A. V. Izvekova. Med. rad. 1 no. 1:59-65 Ja-F '56.
Immunity. D. F. Pletsityi. Zdorov'e 2 no. 8:3-4 Ag '56.
Immunologic reaction to dysentery peculiar to various age groups. I. V. Ovsievskaia. Pediatriia 39 no. 3:20-25 My-Je '56.
Immunological changes in dysentery in children. B. G. Shirvindt, M. S. Dobkina. Pediatriia 39 no. 3:12-20 My-Je '56.
Present state of immunological theory and its problems in the immediate future. P. F. Zdrodovskii. Vest. AMN SSSR 11 no. 3:43-57 '56.

IMPEDANCE (ELECTRICITY)
Method for simultaneous measuring of the ohmic and capacitative components of impedance during a rapid nonstationary process. N. A. Aladzhalova. Trudy Inst. biol. fiz. no. 1:298-310 '55.

IMPLEMENTS, UTENSILS, ETC.
Device for picking fruit from the top branches. S. I. Nabokov. Sad i og. no. 7:77 Jl '56.
For our household. IA. Miletskii. Ogonek 34 no. 27: 18-21 Jl '56.
New appliances for housewives. E. Rubanova. Sov. zhen. 12 no. 8:46-47 Ag '56.
This is for you, dear readers. Tekh. mol. 24 no. 8:27 Ag '56.

INCAS see subdivision under Peru

INCOME
National income in the U. S. S. R. S. Dukel'skii. Mosk. prop. 13 no. 5:24-28 My '56.

INCOME—STATISTICS
"Problems concerning statistics of national income in the U. S. S. R." P. M. Moskvin. Reviewed by I. Malyi. Vest. stat. no. 2:78-84 Mr-Ap '56.

INCUBATORS
Portable incubator for the field bacteriological laboratory. N. I. Smirnov. Voen.-med. zhur. no. 9:66-68 S '55.

INCURABLES—HOSPITALS AND ASYLUMS
The bedridden. N. Grozhan. Sots. obesp. 17 no. 7:40-41 Jl '56.
In the Vologda Home for Invalids. Sots. obesp. 17 no. 3: 42-43 Mr '56.
On the banks of the Sheksna. A. Popov. Sots. obesp. 17 no. 3:39 Mr '56.

INDEXES, CARD see Catalogs, Card

INDIA
Contemporary India. B. V. Kudriavtsev. Prep. ist. v shkole 11 no. 3:95-106 My-Je '56.
Pavlov, V. I., and A. M. Riabchikov. [India] India. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 92 p. (U karty mira)

INDIA—COMMERCE—RUSSIA
India - U. S. S. R. A. Savel'ev. Sov. Soiuz no. 7:25 Jl '56.

INDIA—DESCRIPTION AND TRAVEL
The art of seeing ("Images of India." S. Chulkov. Reviewed). Druzh. nar. no. 8:186 Ag '56.
Indian suite ("The image of India"; artist's sketches. S. Chulkov. Reviewed by O. Kozhukhova). Vokrug sveta, no. 6:60-62 Je '56.

INDIA—EDUCATION
Renaissance of enlightenment and culture in India. P. Kremnev. Nar. obr. no. 7:56-63 Jl '56.

INDIA—GEOGRAPHY—CONGRESSES
International geographic seminar in India. M. E. Linkhov. Priroda 45 no. 7:107-108 Jl '56.

INDIA—HISTORY
"An autobiography" [with English summary in insert]. Jawaharlal Nehru. Reviewed by A. A. Pronin. Sov. vostokoved. no. 2:158-163 '56.
North Indian principalities and the revolutionary surge in India during the period 1905-1908 [with English summary in insert]. U. Rustamov. Sov. vostokoved. no. 2:133-136 '56.
Two books about India ("Discovery of India," and Autobiography. Jawaharlal Nehru. Reviewed by N. Klimenko). Dal'. Vost. 24 no. 2:178-180 Mr-Ap '56.

INDIA—POLITICS AND GOVERNMENT
From the history of the formation of the Republic of India (1947-1950). L. B. Alaev, I. L. Baranov, V. R. Kulanda. Vop. ist. no. 6:32-47 Je '56.

INDIA—PORTUGUESE COLONIES
The last colonies in India. L. Alekseandrova. Mezhdunar. zhizn' no. 7:108-112 Jl '56.

INDIA—RELATIONS (GENERAL) WITH RUSSIA
Dulal Chakraborti's correspondence. Sov. Soiuz no. 6: 28 Je '56.
From the Ganges to the Volga. A. Gupta. Sov. pech. no. 8:48-49 Ag '56.
Old bonds. H. Kurylenka. Belarus' 13 no. 7:13 Jl '56.
U. S. S. R. - India. M. Khodakovskii. Vozhatyi 32 no. 7: 49 Jl '56.

INDIA—RELATIONS (GENERAL) WITH THE UKRAINE
Doctor Radhakrishnan was our guest. Ukraina no. 15:4 Ag '56.

INDIA—RELATIONS (GENERAL) WITH WHITE RUSSIA
Guests from India. Rab. i stat. 32 no. 6:6 Je '56.

INDIC FOLKSONGS see Folksongs, Indic

INDIGESTION see Dyspepsia

INDOLE
Growth inhibitors of Corynebacterium diphtheriae; effect of sulfamide and indole preparations on C. diphtheriae. S. I. Zelepukha. Mikrobiol. zhur. 9 no. 4:52-58 '48.
Research in the field of quinones. Part 10. Reaction of acetylacetoneimine with p-benzoquinone. A. N. Grinev, V. Shvedov, A. P. Terent'ev. Zhur. ob. khim. 26 no. 5: 1449-1451 My '56.
Research in the field of quinones. Part 11. Synthesis of certain substituted indoles. A. N. Grinev, V. L. Shvefov, A. P. Terent'ev. Zhur. ob. khim. 26 no. 5:1452-1453 My '56.
Role of indole formation by Escherichia coli in its antagonism for Salmonella typhosa. M. O. Shvather. Mikrobiol. zhur. 9 no. 4:46-51 '48.

INDOLEACETIC ACID
Formation of heteroauxin in cultures of Azotobacter. Report no. 1. V. T. Smalii, O. I. Bershova. Mikrobiol. zhur. 9 no. 4:17-24 '48.
Formation of heteroauxin in the cultures of Azotobacter. Report no. 2. V. T. Smalii, O. I. Bershova. Mikrobiol. zhur. 9 no. 4:25-31 '48.

INDONESIA
Indonesia. Blok. agit. vod. transp. no. 18:36-47 S '56.
"Indonesia today." Reviewed by V. V. Sikorskii [with English summary in insert]. Sov. vostokoved. no. 2: 175-176 '56.

INDONESIA—ECONOMIC CONDITIONS
The Indonesian economy on its way to free development [with summary in English, p. 31]. D. Beklemishev. Vneshn. torg. 26 no. 6:6-9 Je '56.

INDONESIA—ECONOMIC POLICY
Indonesia's first five-year plan. Mezhdunar. zhizn' no. 6:126-127 Je '56.

INDONESIA—FOREIGN ECONOMIC RELATIONS—NETHERLANDS
It isn't an emotional act. Nov. vrem. 14 no. 35:17 Ag '56.

INDONESIA—FOREIGN RELATIONS
Results of President Sukarno's trip. Mezhdunar. zhizn' no. 8:128-129 Ag '56.

INDONESIA—RELATIONS (GENERAL) WITH RUSSIA
President of Indonesia, Sukarno, in the U. S. S. R. Ogonek 34 no. 37:2-3 S '56.

INDONESIAN LITERATURE—HISTORY AND CRITICISM
Remarks on Indonesian literature. V. Ostrovskii. Znamia 26 no. 8:174-178 Ag '56.

INDUCTANCE—MEASUREMENT
Modifying the Anderson bridge for obtaining direct inductance readings. M. A. Bykov. Izm. tekh. no. 3: 49-51 My-Je '56.

INDUCTION HEATING
Bending pipes and rolled shapes by using induction heating. I. S. Domchuk. Sudostroenie 22 no. 4:26-29 Ap '56.

INDUSTRIAL ARBITRATION see Arbitration, Industrial

INDUSTRIAL ARTS—STUDY AND TEACHING see subdivision under Vladimir

INDUSTRIAL BUILDINGS
Time norms for planning major construction work. L. M. Matskevich. Sudostroenie 22 no. 5:36-38 My '56.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL EDUCATION see subdivision 'Technical education' under Chelyabinsk

INDUSTRIAL ELECTRIC TRUCKS
Transportation by electric trucks in shipbuilding plants. S. A. Kheifets. Sudostroenie 22 no. 4:40-41 Ap '56.

INDUSTRIAL FILMS see Motion pictures in industry

INDUSTRIAL HYGIENE
(see also subdivision under Zaporozhye)
Activities of an industrial health center. A. A. Iliyk. Sov. zdrav. 15 no. 4:42-44 Jl-Ag '56.
A device for taking air samples in the respiration zone of industrial workers. I. B. Shagan. Gig. i san. 21 no. 7:51-52 Jl '56.
Hygienic evaluation of working conditions and sanitary methods in the production area formaldehyde resins. M. S. Shtromberg. Gig. i san. 21 no. 7:45-47 Jl '56.
Machine builders' health. P. I. Akimov. Zdorov'e 2 no. 8:11-13 Ag '56.
Not up to date. D. Ogurtsov. Sov. kras. krest 6 no. 3:11 My-Je '56.

INDUSTRIAL LAWS AND LEGISLATION
"Soviet criminal law in the struggle against inefficiency and waste." T. L. Sergeeva. Reviewed by N. A. Beltsaev. Sov. gos. i pravo no. 5:138-140 '56.

INDUSTRIAL MANAGEMENT
(see also subdivision under France; Germany, East; Khabarovsk Territory; Krivoy Rog; Ukraine; United States)
Business accounting as an economic category. D. Chernomordik. Vop. ekon. no. 8:75-83 Ag '56.
Carrying out business accounting within the plant. N. Kos'min, R. Daenman. Vop. ekon. no. 7:32-42 Jl '56.
Economic and financial aspects of industrial enterprises. N. Kisman. Fin. SSSR 17 no. 7:15-20 Jl '56.
Improve principles in evaluating the fulfillment of the plan by enterprises. S. Barngol'ts. Den. i kred. 14 no. 6:33-41 Je '56.
In the ministries and departments. Sots. trud no. 7:87-91 Jl '56.
It worries us. I. Greshnikov. Parl. zhizn' no. 12:67-69 Je '56.
"Labor organization and technical standards of production in ferrous metallurgy." S. Levin, L. Liberman. Reviewed by S. Kheinman. Sots. trud no. 7:110-115 Jl '56.
Methods by which banks evaluate the operation of enterprises. B. Mitel'man. Den. i kred. 14 no. 8:17-24 Ag '56.

INDUSTRIAL MANAGEMENT (Continued)

Organization of business accounting in industrial enterprises. V. D'iachenko. Mosk. prop. 13 no. 5:16-23 My '56.

Organization of the smooth operation of a plant. V. Kern. Plan. khoz. no. 3:82-86 '56.

Protserov, S. A. [Organizational and technical plan of an enterprise; the experience of the I. A. Likhachev Automobile Plant in Moscow] Organizatsionno-tekhnicheskii plan predpriiatiia; opyt Moskovskogo avtozavoda imeni I. A. Likhacheva. Moskva, Gos. izd-vo polit. lit-ry, 1956. 81 p. (V pomoshch' ekonomicheskomu obrazovaniiu)

Questions and answers. Den. i kred. 14 no. 7:61-63 Jl '56.

Requirements and potentialities for uninterrupted production in the development of the Technical Industrial Finance Plan. D. I. Fish. Trudy LIEI no. 9:45-61 '54.

The significance of evenly paced work for an industry. T. Pavlov. Otv. na vop. trud. no. 69:14-23 '56.

System of economy and profitableness of industrial enterprises. K. Boiko. Mosk. prop. 13 no. 7:32-39 Jl '56.

INDUSTRIAL MANAGEMENT—BIBLIOGRAPHY see Bibliography—Industrial management

INDUSTRIAL MEDICINE

Working out a system of annual statistical cards in industrial dispensaries. E. I. Deichman. Gig. i san. 21 no. 7:41-44 Jl '56.

INDUSTRIAL ORGANIZATION

Credit and control through the ruble in light industry and in the food industries. V. Lovtsov. Den. i kred. 14 no. 6:11-18 Je '56.

Specialization and cooperation in industry in the sixth five-year plan. N. Orlov. Plan. khoz. no. 3:3-15 '56.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL POWER TRUCKS

Maneuverable loader of new design (From "Holzzentrablatt, 1955). Der. prom. 5 no. 6:30-31 Je '56.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL STATISTICS

Effect of technological factors on the quality of rolls evaluated by machine-tabulated statistical analysis. N. V. Kandler, M. L. Rabinovich, V. S. Khomenko. Stal' 16 no. 7:634-636 Jl '56.

Labor productivity statistics. V. Sobol'. Vest. stat. no. 2:36-47 Mr-Ap '56.

INDUSTRIAL TRUST see Trust, Industrial

INDUSTRIALIZATION

Arnautov, L. IA., and A. P. Kozlov. [Socialist industrialization is the basis of Lenin's plan for the building of socialism and communism] Sotsialisticheskaia industrializatsiia - osnovnoe zveno leninskogo plana postroeniia sotsializma i kommunizma. Moskva, Izd-vo "Znanie," 1956. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. I, no. 20)

The preferential development of heavy industry. K. Chobotarev. Otv. na vop. trud. no. 69:3-13 '56.

INDUSTRY

Reut, V. F. [Creative collaboration] Tvorcheskoe sodrushestvo. Moskva, Gos. izd-vo polit. lit-ry, 1956. 38 p.

INDUSTRY—EXHIBITIONS see subdivision under Belgium

INESITE see subdivision under Nikopol' (Ukraine)

INFANTILE PARALYSIS see Poliomyelitis

INFANTS

Osmoregulatory function of kidneys in infants during their first year of life. E. A. Zarianova. Vop. okh. mat. i det. 1 no. 3:36-40 My-Je '56.

Particularities in the change of hemoglobin in children during their first year of life. T. V. Fokina. Vop. med. khim. 2 no. 2:89-95 Mr-Ap '56.

INFANTS—CARE AND HYGIENE
(see also subdivision under Krasnoyarsk)

Iankelevich, E. I. [Gymnastics for infants] Gimnastika dlia detei grudnogo vozrasta. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 68 p.

INFANTS—DISEASES

Dynamics of changes in the riboflavin (vitamin $B_2$) content of the blood of infants in intoxications of intestinal origin, pneumonia and certain other diseases. M. N. Kallinikova, T. A. Lebedinskaia. Vop. okh. mat. i det. 1 no. 2:84 Mr-Ap '56.

Early diagnosis of tuberculous meningitis in infants under one year of age. R. M. Ibragimova. Vop. okh. mat. i det. 1 no. 1:61-65 Ja-F '56.

Genesis of secondary toxicoses during dysentery in infants. A. P. Chernikova. Vop. okh. mat. i det. 1 no. 2: 34-39 Mr-Ap '56.

Nature of acute intestinal diseases in infants. A. A. Sinitskii. Vop. okh. mat. i det. 1 no. 2:94-95 Mr-Ap '56.

Pathogenic therapy in exudative diathesis. M. N. Nebytova-Luk'ianchikova, N. A. Pushinkova. Vop. okh. mat. i det. 1 no. 3:46-53 My-Je '56.

"Pneumonia in infancy," IU. F. Dombrovskaia. Reviewed by V. K. Mironovich. Vop. okh. mat. i det. 1 no. 1:89 Ja-F '56.

INFANTS—LAW see Children—Law

INFANTS—NUTRITION

Efficient supplementary feeding of infants with donor's milk. O. A. Sinlavskaia. Vop. okh. mat. i det. 1 no. 3: 93 My-Je '56.

Nitrogen metabolism in infants during their first year of life as affected by the composition of food. V. G. Kislinkovskaia. Vop. okh. mat. i det. 1 no. 3:41-46 My-Je '56.

Protein concentrates in the nutrition of children suffering from anorexia. A. A. Brit'. Vop. okh. mat. i det. 1 no. 3:63-67 My-Je '56.

INFANTS (NEWBORN)

Enzyme secreting processes in the intestines of newborn children. L. S. Fomina. Vop. med. khim. 2 no. 2:109-114 Mr-Ap '56.

Late aftereffects of cerebral hemorrhage in newborn infants. M. F. Doshchekina. Vop. okh. mat. i det. 1 no. 3: 58-63 My-Je '56.

A newborn's life was saved. V. Kurganov. Ogonek 34 no. 24:16 Je '56.

Oxidation-reduction processes in the intestines of newborn infants. T. A. Barabol. Vop. okh. mat. i det. 1 no. 3:33-36 My-Je '56.

Primary loss of weight and some features of water exchange in newborn infants. A. I. Titov. Vop. okh. mat. i det. 1 no. 3:19-23 My-Je '56.

Resistance of skin capillaries in newborn infants. N. V. Potanin. Vop. okh. mat. i det. 1 no. 3:30-33 My-Je '56.

Vascular reactions in newborn infants as an indicator of their state of reactivity. E. I. Arshavskaia. Vop. okh. mat. i det. 1 no. 3:23-30 My-Je '56.

INFANTS (NEWBORN)—DISEASES

Acute otitis media in newborn infants. D. I. Tarasov. Vest. oto-rin. 18 no. 4:55-59 Jl-Ag '56.

Case of candidomycosis in an eleven-day old child. E. B. Veit. Vop. okh. mat. i det. 1 no. 2:77-82 Mr-Ap '56.

Characteristics of the course of injuries of the central nervous system during the postnatal period and their late results. S. A. Sarno. Vop. okh. mat. i det. 1 no. 3: 92-93 My-Je '56.

Clinical aspects and diagnosis of dysentery in children during their first three months of life. G. E. Plotnikova. Pediatriia 39 no. 3:33-37 My-Je '56.

Dysentery in newborns. E. P. Ntunina. Vop. okh. mat. i det. 1 no. 2:30-33 Mr-Ap '56.

Features of the development of hemolysis in newborn infants. I. A. Shtern, A. M. Koroleva. Vop. okh. mat. i det. 1 no. 3:9-12 My-Je '56.

For a further reduction in infant morbidity and mortality. A. F. Tur. Vop. okh. mat. i det. 1 no. 3:3-5 My-Je '56.

Importance of organized measures for reducing morbidity and mortality of newborn infants. R. A. Malysheva and others. Vop. okh. mat. i det. 1 no. 3:83-90 My-Je '56.

"Infectious toxemia in the newborn," I. A. Shtern. Reviewed by V. P. Davydov. Pediatriia 39 no. 3:93-94 My-Je '56.

Transfusion of erythrocytes in isosensibilized newborn infants. R. S. Mirsagatova, B. I. Maiorova. Vop. okh. mat. i det. 1 no. 3:13-15 My-Je '56.

INFANTS (PREMATURE)

Health of premature infants during their first three years of life. V. P. Pionskaia. Vop. okh. mat. i det. 1 no. 3: 53-58 My-Je '56.

Some indexes of the effectiveness of the transfusion of whole plasma and glucose in caring for premature infants. G. K. Gafarova. Vop. okh. mat. i det. 1 no. 3: 15-19 My-Je '56.

INFECTION

Effect of repeated laparotomies on the resistance of the organism to abdominal infections. I. L. Bregadze. Khirurgiia no. 5:31-35 My '56.

Modification of the absorbent action of the peritoneum in infectious processes following administration of antibiotics; experimental study. O. S. Kushakovskii. Khirurgiia no. 5:27-30 My '56.

INFINITE

Infinity of the universe in time and space. V. Stepanov. Komm. Bel. 29 no. 8:54-63 Ag '56.

INFLAMMATION

Characteristic features of aseptic inflammation in various conditions of the nervous system. E. D. Bromberg. Fiziol. zhur. [Ukr.] 1 no. 2:117-125 Mr-Ap '55.

Local intravenous anesthesia below a tourniquet in inflammatory processes of the limbs. M. I. Bagrov. Voen.-med. zhur. no. 6:41-44 Je '56.

INFLORESCENCE

Formation of the inflorescence of foxtail millet in the light of the doctrine of phasic development of plants. T. A. Emikh. Uch. zap. Bash. gos. ped. inst. no. 4:173-179 '55.

Phasic development of Sudan grass. T. A. Emikh. Uch. zap. Bash. gos. ped. inst. no. 4:180-185 '55.

INFLUENZA

Characteristic and duration of immunity in influenza. N. P. Karniushenko. Zhur. mikrobiol. epid. i immun. 27 no. 7:70-74 Jl '56.

INFLUENZA—DIAGNOSIS

Improved method for preparation of dry influenza diagnostica. A. A. Selivanov. Zhur. mikrobiol. epid. i immun. 27 no. 7:65-70 Jl '56.

INFRARED PHOTOGRAPHY see Photography, Infrared

INFRARED RAYS—INDUSTRIAL APPLICATION

Infrared heating in concrete production. B. V. Spektor. Bet. i zhel.-bet. no. 7:264-266 Jl '56.

Infrared rays and their application. K. A. Moskatov. Nauka i zhizn' 23 no. 5:12-15 Je '56.

INFRARED RAYS—PHYSIOLOGICAL EFFECT

Comparative study of the effect of ultraviolet and infrared rays on the prothallium of ferns (Dryopteris spinulosum). L. P. Breslavets, L. N. Bell. Biofizika 1 no. 3:237-241 '56.

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA

Some experiments with infusoria. G. G. Levin. Est. v shkole no. 4:84-85 Jl-Ag '56.

INGULETS—ORE DRESSING

Converting an ore dressing plant to remote-control operations. S. A. Zaikin. Gor. zhur. no. 7:34-37 Jl '56.

INHALATION (THERAPEUTICS)

New portable fine-dispersing inhaler. V. V. Sukharev. Voen.-med. zhur. no. 6:74-76 Je '56.

INHERITANCE AND SUCCESSION

Some controversial problems in Soviet inheritance law. A. A. Fainshtein. Dop. ta pov. L'viv. un. no. 4, pt. 1:26-28 '53.

INHIBITION

Characteristics of active relaxation during dynamic work. I. M. Trakhtenberg, I. V. Savyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 1:76-82 Ja-F '55.

Relation between the functional state of nerve centers and the restorative action of active relaxation. I. V. Muravov. Fiziol. zhur. [Ukr.] 1 no. 1:83-90 Ja-F '55.

Some features of parabiosis of the central nervous system. A. N. Magnitskii. Uch. zap. Len. un. no. 176:155-163 '54.

Stable focuses of inhibition in the central nervous system in the development of pathological processes. IU. M. Ufland. Uch. zap. Len. un. no. 176:171-188 '54.

Studying aftereffect inhibition following the prolonged effect of a differentiated stimulus. M. K. Bosyi, A. P. Kovtun. Fiziol. zhur. [Ukr.] 1 no. 2:55-61 Mr-Ap '55.

INJECTIONS

Bobrov's apparatus in therapeutics. I. G. Golovko. Fel'd. i akush. 21 no. 6:42-47 Je '56.

INJECTIONS, INTRA-ARTERIAL

Intra-arterial penicillin injections in suppurative septic diseases. F. T. Vinsov. Voen.-med. zhur. no. 4:71-73 Ap '56.

INLAND NAVIGATION
(see also subdivision under Lena River)

Controlling the movement of ships on an angular course. A. I. Grigorenko. Rech. transp. 15 no. 6:14-15 Je '56.

Our experience in the technical operation of vessels of the "Bor" type. S. A. Tiutnev, N. I. Fomin. Rech. transp. 15 no. 6:8-9 Je '56.

System of indicators for the operative guidance and control over the navigation and use of ships. D. Shustrov. Rech. transp. 15 no. 7:13-16 Jl '56.

INLAND WATER TRANSPORTATION
(see also subdivision under China)

Dispatch control over the use of ships. S. I. Znamenskii. Rech. transp. 15 no. 7:7-8 Jl '56.

For the development of river transportation in the Union republics. Rech. transp. 15 no. 7:1-3 Jl '56.

Improving the technical operation of ships is a potential for the increase of transportation capacity and profitableness of the fleet. Rech. transp. 15 no. 6:1-3 Je '56.

INNER MONGOLIAN AUTONOMOUS REGION—POLITICS AND GOVERNMENT

Fourth anniversary of the autonomous province of Inner Mongolia. Nar. Kit. no. 9/10:42 My '51.

INOCULATION OF SOILS see Soil inoculation

INORGANIC CHEMISTRY see Chemistry, Inorganic

INSECT BAITS AND REPELLENTS

Insect protection measures. IA. S. Kon'. Transp. stroi. 6 no. 8:31 Je '56.

INSECT TRAPS

Apparatus for insect trapping and forced contact with insecticides [with English summary in insert]. S. D. Pavlov. Zool. zhur. 35 no. 5:774-776 My '56.

INSECTICIDES

Insecticidal baits. Z. N. Nudel'man. Priroda 45 no. 8: 88-91 Ag '56.

Measures for controlling scarab beetles in the afforestation of lower Dnieper sands. D. F. Rudnev. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:222-241 '54.

New preparations for aphid control. T. I. Rogova. Sad i og. no. 6:61 Je '56.

Tomato gall mite and its control. E. P. Sidorovnina, F. V. Koval'kov. Sad i og. no. 7:31 Jl '56.

Use of insecticidal fumes in controlling grain pests. O. D. Kozlova. Nauka i pered. op. v sel'khoz. no. 6: 26-27 Je '56.

Use of some vegetable insecticides. N. I. Koroleva. Sad i og. no. 6:60-61 Je '56.

Use of the G-17 insecticidal smoke pot. M. S. Malinina, E. IA. Shuvakhina. Sovkhoz. proizv. no. 7:71-72 Jl '56.

INSECTICIDES—TOXICOLOGY

Toxic effects of chemical insecticides on man. Voen.-med. zhur. no. 3:88 Mr '56.

INSECTS

Contribution to the knowledge of biological forms and biological species in insects [with English summary in insert]. I. V. Kozhanchikov. Zool. zhur. 35 no. 5:633-651 My '56.

INSECTS—COLLECTION AND PRESERVATION

Do it yourself. [Unt. nat. no. 4:40 Jl '56.

New methods of preparing entomological collections. N. N. Naumova. Priroda 45 no. 8:127 Ag '56.

INSECTS—NOMENCLATURE

On insect names [with English summary in insert]. V. B. Dobrovol'skii. Zool. zhur. 35 no. 5:705-708 My '56.

INSECTS, INJURIOUS AND BENEFICIAL

Insects and the "Black light." G. Mazokhin. Nauka i zhizn' 23 no. 6:31 Je '56.

"Self-treatment" of cattle against insects; from observations made in the U. S. A. N. A. Shmanenkov. Veterinariia 33 no. 7:92-93 Jl '56.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Strokov, V. V. [The technique of using fauna in forest protection; forest biotechnique] Tekhnika ispol'zovaniia fauny dlia zashchity lesa; lesnaia biotekhnika. Moskva, Goslesbumizdat, 1956. 65 p.

Yellow Trichogramma in the control of the codling moth. V. F. Volkov, N. P. Diadechko. Sad i og. no. 6:51-52 Je '56.

INSEMINATION, ARTIFICIAL
(see also subdivision under Chechoslovakia; Great Britain; Gadyach District)

Conservation of the semen of herd bulls at a temperature of -20 degrees. A. I. Korotko. Zhivotnovodstvo no. 6: 69-73 Je '56.

For a wide introduction of artificial insemination of cows. Kh. Kh. Khabibullin. Sovkhoz. proizv. no. 8:48-53 Ag '56.

For the extensive use of high-fertility rams. M. M. Aslanian. Sots. tvar. 28 no. 8:42-44 Ag '56.

In the Ministry of Agriculture of the U. S. S. R. Veterinariia 33 no. 7:94-95 Jl '56.

We give our support to veterinarian G. T. Skibin's initiative. L. I. Ryzhenkov, D. G. Kobiliakov. Nauka i pered. op. v sel'khoz. no. 6:80 Je '56.

INSPECTION BY SAMPLING see Sampling

INSPECTION OF FOOD see Food adulteration and inspection

INSPECTION OF MEAT see Meat inspection

INSTINCT

Nature of instincts. N. Mikhailov, L. TSvetkova. Nauka i zhizn' 23 no. 8:39-42 Ag '56.

INSTRUMENT INDUSTRY

Levenson, E.M., IU.M. Gonikberg, and T.A. Vvedenskii. [Construction of measuring devices and instruments in machine building] Konstruirovanie izmeritel'nykh prisposobleniĭ i instrumentov v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 384 p.

Present state and future development of scientific research on precision in machinery building and instrument making. N. G. Bruevich. Izv. AN SSSR. Otd. tekh. nauk no. 6:144-156 Je '56.

INSTRUMENT INDUSTRY—STANDARDS

In the Scientific Research Society of the Instrument Industry. Standartizatsiia no. 3:77 My-Je '56.

INSTRUMENTS

Instruments for labor safety. I. A. Kudachkov. Izm. tekh. no. 3:91-92 My-Je '56.

INSTRUMENTS, DENTAL see Dental instruments and apparatus

INSTRUMENTS, ELECTRIC see Electric instruments

INSTRUMENTS, MEASURING see Measuring instruments

INSTRUMENTS, MEDICAL see Medical instruments and apparatus

INSTRUMENTS, METEOROLOGICAL see Meteorological instruments

INSTRUMENTS, PHYSICAL see Physical instruments

INSTRUMENTS, SURGICAL see Surgical instruments and apparatus

INSTRUMENTS, SURVEYING see Surveying—Instruments

INSULATING MATERIALS—DRYING

Drying insulating materials used in refrigerator casings. (From foreign journals). Khol. tekh. 33 no. 2:72-73 Ap-Je '56.

INSULATING OILS—ELECTRIC PROPERTIES

Analysing the causes of the increased dielectric losses in commercial transformer oils. Ch. M. Dzhuvarly, L. A. Mukharskaia. Khim. i tekh. topl. no. 5:59-64 My '56.

Causes of high dielectric losses in fresh transformer oils. P. A. Lipshtein, E. N. Shtern. Khim. i tekh. topl. no. 7:64-66 Jl '56.

INSULATION (ELECTRIC) see Electric insulators and insulation

INSULATION (HEAT)

Heat engineering calculations for isothermal railroad tanks. B. Kitaev. Khol. tekh. 33 no. 2:56-57 Ap-Je '56.

Insulation work on main pipelines during the winter. V. I. Zhukov, A. A. Kozlovskaia. Stroi. pred. neft. prom. 1 no. 6:4-7 Ag '56.

Swedish plastic insulating materials. Stroi. pred. neft. prom. 1 no. 5:29-30 Jl '56.

INSULATION (SOUND)

Use of mineral wool mats in bundles made of synthetic resins for sound insulating walls. V. N. Nikol'skii. Biul. stroi. tekh. 13 no. 7:20 Jl '56.

INSULIN

Chromatography of insulin on ion-exchanging resins [with English summary in insert]. G. V. Samsonov, M. D. Faddeeva. Biokhimiia 21 no. 3:403-411 My-Je '56.

INSURANCE

Complaint against the complaint office. V. Batorin. Fin. SSSR 17 no. 6:73 Je '56.

INSURANCE, ACCIDENT

Compensation for injuries received in accidents at work. G. Iniutin. Sots. obesp. 17 no. 3:14-17 Mr '56.

INSURANCE, SOCIAL
(See also subdivision under China; France; Shanghai; Sverdlovsk)

An act of great governmental importance. Sots. obesp. 17 no. 7:1-4 Jl '56.

Active participation and aid. Z. Bakhvalova. Sots. obesp. 17 no. 3:35 Mr '56.

Best wishes. N. Dmitriev. Sots. obesp. 17 no. 7:7-8 Jl '56.

Calculate the time exactly. S. Dubinnikov. Sots. obesp. 17 no. 7:20-21 Jl '56.

Concern for the public welfare. Slaviane no. 8:3-5 Ag '56.

Concern for the welfare of the people. Fin. SSSR 17 no. 6:3-8 Je '56.

Deal tactfully with pensioners. E. Martianova. Sots. obesp. 17 no. 7:6 Jl '56.

For the Soviet people. Rab. i sial. 32 no. 8:2 of cover Ag '56.

For the welfare of the Soviet people. Blok. agit. vod. transp. no. 14:1-7 Jl '56.

Give better satisfaction to visitors with questions. I. Churin. Sots. obesp. 17 no. 7:5-6 Jl '56.

Great concern for the working man. A. Riazanova. Blok. agit. no. 26:16-26 S '56.

Great possibilities. I. Gubernatorov. Sots. obesp. 17 no. 7:8-9 Jl '56.

How continuous work service is determined. Sots. obesp. 17 no. 7:49-53 Jl '56.

How to use tables to figure out pensions. B. Zaitsev. Sots. obesp. 17 no. 7:17-20 Jl '56.

How to verify the accuracy of pension allotments. L. Vaisfol'd. Sots. obesp. 17 no. 3:11-13 Mr '56.

In the Ministry. Sots. obesp. 17 no. 3:62 Mr '56.

In the Ministry. Sots. obesp. 17 no. 7:62 Jl '56.

In the press. Sots. obesp. 17 no. 3:60 Mr '56.

In this building. V. Shipov. Sots. obesp. 17 no. 7:10-12 Jl '56.

The main thing is meticulous control. A. Levina. Sots. obesp. 17 no. 3:10 Mr '56.

Mistakes became less frequent. P. Pelanin. Sots. obesp. 17 no. 3:8-9 Mr '56.

Our amendments were accepted. K. Cherevkov. Ogonek 34 no. 30:2 Jl '56.

Our consultation. Sots. obesp. 17 no. 3:56-57 Mr '56.

Our interview. Sots. obesp. 17 no. 7:61 Jl '56.

Pensioning on a collective farm. L. Dolzhanskii. Sots. obesp. 17 no. 3:18-21 Mr '56.

The pensions are getting higher. N. A. Murav'eva. Sots. Soiuz no. 6:4 Je '56.

A person is the center of attention. I. Shchukin. Sots. obesp. 17 no. 3:5-7 Mr '56.

Quickly and without mistakes. G. Iniutin. Sots. obesp. 17 no. 7:13-15 Jl '56.

Readers' letters. Sots. obesp. 17 no. 3:61 Mr '56.

The recalculation of pensions has begun. N. Alekseev. Sots. obesp. 17 no. 7:15-16 Jl '56.

Session of the Supreme Soviet of the U. S. S. R. Nov. vrem. 14 no. 30:1-2 Jl '56.

We are obliged to work better. M. Sotskin. Sots. obesp. 17 no. 7:7 Jl '56.

We await the advice of experienced comrades. F. Maltsev. Sots. obesp. 17 no. 3:8 Mr '56.

Yesterday one set of instructions and today another. N. Koltunov. Sots. obesp. 17 no. 7:27-30 Jl '56.

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS

Positive solutions of Uryson's nonlinear integral equation the kernel of which is nonlinear relative to the parameter. IA. D. Mamedov. Dokl. AN Azerb. SSR 12 no. 5: 311-317 '56.

INTEGRALS

Asymptotic reduction of integrals of linear ordinary differential equations containing a parameter. S. F. Feshchenko. Dop. AN URSR no. 1:11-16 '49.

Certain estimates of the order of approximation by means of singular integrals. E. IA. Remez. Dop. AN URSR no. 5:3-9 '49.

Instances of central motion solved in elementary transcendental and elliptic integrals. D. D. Mordukhai-Boltovskoĭ. Dop. AN URSR no. 3:3-11 '49.

Integral representations of analytical functions which are mapping the upper halfplane onto its part. I. N. Katz. Usp. mat. nauk 11 no. 3:139-144 My-Je '56.

Semicontinuity of integrals in variational calculus. V. I. Kuzminov. Usp. mat. nauk 11 no. 3:125-129 My-Je '56.

INTEGRATORS

By means of an electrointegrator. Nauka i zhizn' 23 no. 7:20 Jl '56.

INTELLECTUALS, CHINESE

Historical development of a Chinese intellegentsia. Ven Chih. Nar. Kit. no. 12:3-9 Je '56.

INTERFACES, CHEMISTRY OF see Surface chemistry

INTERFEROMETER

The PIU-3 contact horizontal interferometer. I. T. Uverskii. Izm. tekh. no. 3:20-21 My-Je '56.

INTERFEROMETRY

Investigating the form of the scratch marks by the microinterference method. E. S. Berkovich. Trudy Izm. masb. no. 7:78-86 '53.

INTER-LIBRARY LOANS

Inter-library loans. R. Parmas. Bibliotekar' no. 8:42-44 Ag '56.

INTERNAL SECURITY

Watchfulness is a weapon of the Soviet soldier. I. Sazonov. Voen. znan. 31[i.e.32] no. 5:10-11 My '56.

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

The geophysicists are going to auscultate the world. Michel Rouzé. V zashch. mira no. 62/63:36-42 Je-Ag '56.

INTERNATIONAL LAW

Downfall of the colonial system and its influence on international law. S. V. Molodtsov. Sov. gos. i pravo no. 8: 79-86 '56.

INTERNATIONAL RELATIONS

Organization of the Institute of World Economics and International Relations. Vest. AN SSSR 26 no. 6:111-116 Je '56.

INTERPARLIAMENTARY UNION

What is the Interparliamentary Union? A. Andreevskii. Otv. na vop. trud. no. 67:33-37 '56.

INTERPLANETARY VOYAGES

Biological problems of interplanetary flight. I. S. Balkhovskii, V. B. Malkin. Priroda 45 no. 8:15-21 Ag '56.

Conquest of the skies; a science fiction sketch [conclusion] Barya Liapunov. Biurozka 32 no. 6:24-28 Je '56.

Flights to the interplanetary space. A. Gorelov. Nauka i zhizn' 23 no. 6:59-60 Je '56.

In the world of books and magazines ("Two hundred years days of interstellar flight." G. Martynov. Reviewed by A. Palei). Tekh. mol. 24 no. 8:38 Ag '56.

Voyage to the moon ("Voyage to distant worlds." K. A. Gil'zin. Reviewed by F. Zigel'). IUn. nat. no. 5:13 Ag '56.

INTERPOLATION
Method of proximity systems in spaces of analytical functions and its application to interpolation. M.A.Evgrafov. Trudy Mosk. mat. ob-va 5:89-201 '56.

INTESTINES
Enzyme secreting processes in the intestines of newborn children. L. S. Fomina. Vop. med. khim. 2 no. 2:109-114 Mr-Ap '56.
Oxidation-reduction processes in the intestines of newborn infants. T. A. Baraboi. Vop. okh. mat. i det. 1 no. 3:33-36 My-Je '56.

INTESTINES—DISEASES
Etiology of acute intestinal diseases in infants. E. M. Novgorodskaia, G. A. Nemzer. Vop. okh. mat. i det. 1 no. 2:25-30 Mr-Ap '56.
Materials on clinical and microbiological characteristics of Salmonella infections in children. G. A. Nemzer, A. G. Loseva, E. S. Kuntsman. Vop. okh. mat. i det. 1 no. 2:53-60 Mr-Ap '56.
Nature of acute intestinal diseases in infants. A. A. Sinitskii. Vop. okh. mat. i det. 1 no. 2:94-95 Mr-Ap '56.
Role of Escherichia coli in the origin of gastrointestinal diseases in children of early age. V. P. Davydov. Vop. okh. mat. i det. 1 no. 2:17-24 Mr-Ap '56.
Use of sulfamide preparations for checking outbreaks of acute intestinal diseases. P. T. Trukhan. Voen.-med. zhur. no. 5:37-38 My '50.

INTESTINES—INFARCTION
Two cases of intestinal infarct. I. F. Baev. Voen.-med. zhur. no. 9:85-87 S '51.

INTESTINES—INNERVATION
Effect of convallaria majalis preparations on intestinal interoceptors. G. G. Bakhtadze. Soob. AN Gruz. SSR 17 no. 4:359-364 '56.
Electrophysiological investigations of the mechanism of chemoreception. Report no. 1: Modification of afferent impulse conduction in intestinal nerves following chemical irritation of receptors by nicotine and acetylcholine. N. A. Anikina. Biul. eksp. biol. med. 42 no. 7:8-13 Jl '56.
Interoceptive influences from the large intestines and bladder on the function of the diaphragm. V. A. IErenkov. Fiziol. zhur. [Ukr.] 1 no. 2:92-98 Mr-Ap '55.

INTESTINES—OBSTRUCTION
Acute intestinal obstruction due to a cyst of the appendix. I. M. Popov. Khirurgiia no. 5:76 My '56.

INTESTINES—SURGERY
Chronic invagination following gastroenterostomy. A. L. Shafran. Khirurgiia no. 5:75-76 My '56.
Nematological modifications following a major resection of the small intestine. T. V. Tkeshelashvili. Soob. AN Gruz. SSR 17 no. 4:343-350 '56.

INTESTINES—WOUNDS AND INJURIES
Complete circular tear of the ileum. G. A. Aleksandrovich, I. I. Rogozhina. Khirurgiia no. 5:74-75 My '56.

INTOLERANCE see Liberty of conscience

INTRATRACHEAL ANESTHESIA
Role intratracheal narcosis in operations for treating acute diseases and injuries of the abdominal organs. V. I. Filin. Voen.-med. zhur. no. 6:20-36 Je '56.

INTRAVENOUS ANESTHESIA
Local intravenous anesthesia below a tourniquet in inflammatory processes of the limbs. M. I. Bagrov. Voen.-med. zhur. no. 6:41-44 Je '50.

INVALIDS—OCCUPATIONS
Active participation and aid. Z. Bakhvalova. Sots. obesp. 17 no. 3:35 Mr '56.
An active social welfare group and its part in finding employment for invalids. M. Magaril. Sots. obesp. 17 no. 7:35-36 Jl '56.
Conduct employment placement carefully and skillfully. L. Khankin. Sots. obesp. 17 no. 3:33-34 Mr '56.
Working rights of invalids. V. V. Karavaev, IA. L. Kiselev. Sots. obesp. 17 no. 3:29-32 Mr '56.

INVARIANTS
Homology invariants of topological spaces. M.F.Bokshtein. Trudy Mosk. mat. ob-va 5:3-80 '56.

INVENTIONS
Changes in the forms and method of presenting invention documents. M. IA. Potapov. Avt. dor. 19 no. 6:32-3 of cover Je '56.

INVESTMENTS, FOREIGN see subdivision under Turkey

IODIDES
Expansion of the carbon skeleton of molecules during the interaction of iodides with halo organic compounds. B.V.Tronov, V.M.Aksenenko. Zhur. ob. khim. 26 no. 5:1393-1397 My '56.
Mechanism of the organic dye sensitization of the internal photoeffect of silver and thallium iodides (with English summary in insert). I. A. Akimov. Zhur. fiz. khim. 30 no. 5:1007-1016 My '56.
New method for the detection of iodide impurities in bromides. L. M. Kul'berg, M. M. Shvartsburd. Ukr. khim. zhur. 17 no. 5:709-800 '51.

IODINE
Interaction of iodine with silver, lead, and mercury nitrates in organic media. IA. A. Finkov, F. E. Kagan. Ukr. khim. zhur. 17 no. 5:708-722 '51.

IODINE—ISOTOPES
Effect of radioactive iodine on the hypophysis and ovaries in mammals. L. A. Kashchenko. Med. rad. 1 no. 2:70-75 Mr-Ap '56.
Investigation of the effect of solvent on the rate of isotope exchange of the reaction $C_3H_7J + J^*$ at pressures up to 2500 kg/cm$^2$ (with English summary in insert). M.G. Gonikberg and others. Zhur. fiz. khim. 30 no. 4:784-788 Ap '56.

IODOFORM
Use of the iodoform reaction in the analysis of certain vinyl compounds. M. F. Shostakovskii, F. P. Sidel'kovskaia, M. G. Zelenskaia. Izv. AN SSSR, Otd. khim. nauk no. 5:615-621 My '56.

ION BEAMS
Theory of ion beam compensation. V. S. Anastasevich. Zhur. tekh. fiz. 26 no. 7:1487-1492 Jl '56.

ION EXCHANGE
Effect of cations on root absorption of acid pigments and anions of mineral salts. I. I. Kolosov. Trudy Inst. fiziol. rast. 6 no. 1:130-165 '48.
Initial data for the development of equipment for the chemical removal of salt from natural waters and condensates. F. G. Prokhorov, K. A. IAnkovskii. Teploenergetika 3 no. 7:57-62 Jl '56.
Removing iron from wines by means of ionites. R. D. Bogunova, O. S. Zakharina, D. K. Chalenko. Vin. SSSR 16 no. 4:14-16 '56.
Statics and dynamics of exchange of streptomycin ions with metal ions and hydrogen on carboxylated resins (with English summary in insert). G. V. Samsonov, S. E. Bresler. Koll. zhur. 18 no. 3:337-343 My-Je '56.
Use of ion-exchanging substances in the analysis of glucose fructose mixtures. I. R. Rominskii, A. S. Sushkova. Ukr. khim. zhur. 17 no. 5:772-776 '51.

IONIC CRYSTALS
Volume elasticity of some ionic crystals. V. A. Gladkovskii, K. P. Rodionov. Fiz. met. i metalloved. 2 no. 2:222-224 '56.

IONIZATION
Ionization spectra of the soft components of cosmic rays at sea level. A. G. Moshkovskii, L. I. Sokolov. Zhur. eksp. i teor. fiz. 30 no. 5:840-849 My '56.
Temperature dependence of thermion polarization. L. N. Syrkin. Zhur. tekh. fiz. 26 no. 6:1103-1105 Je '56.

IONS
Effect of inorganic ions on absorption spectra of chlorophyll. M. S. Ashkinazi, T. S. Glikman, A. M. Abramova. Ukr. khim. zhur. 17 no. 2:176-180 '51.
Mobility and space charge of ions in a non-uniform field. IU. M. Kagan, V. I. Perel'. Dokl. AN SSSR 108 no. 2:222-225 My '56.
Production of negative hydrogen ions by passing positive hydrogen ions through a supersonic mercury-vapor jet. IA. M. Fogel', L. I. Krupnik, V. A. Ankudinov. Zhur. tekh. fiz. 26 no. 6:1208-1221 Je '56.
Use of the concealment of ions in simultaneous polarographic determination of elements with coinciding reduction potentials. F. K. Baev, P. N. Kovalenko. Trudy Kom. anal. khim. 7:119-135 '56.

IONS—MIGRATION AND VELOCITY
Iron ion transference numbers for liquid iron silicates. O. A. Esin, A. K. Kir'ianov. Izv. AN SSSR, Otd. tekh. nauk no. 8:20-27 Ag '56.

IOSHKAR-OLA—GLIDING (AERONAUTICS)
Glider pilots of Ioshkar-Ola. K. Loskutov. Kryl. rod. 7 no. 6:16-18 Je '56.

IPAT'EV, VLADIMIR VLADIMIROVICH, 1867-1955
Vladimir Vladimirovich Ipat'ev; obituary. Nov. 25, 1867-Nov. 17, 1955. Zhur. prikl. khim. 29 no. 6:809-810 Je '56.

IRAN—AGRICULTURE
"History of agriculture in Iran" [in Persian]. Tagi Bahrami. Reviewed by I. P. Petrushevskii. Sov. vostokoved. no. 3:182-186 '56.

IRAN—DESCRIPTION AND TRAVEL
In the heart of Iran. Adonis Kriotsas. V zashch. mira no. 62/63: 136-141 Jl-Ag '56.
In the Iranian capital. Tat'iana Nikolaeva. Nov. vrem. 14 no. 20:24-25 Je '56.
Twenty thousand kilometers across Iran. N. Shcherbinovskii. Ogonek 34 no. 25:24-26 Je '56.
Twenty thousand kilometers across Iran. N. Shcherbinovskii. Ogonek 34 no. 27:22-24 Jl '56.

IRAN—FOREIGN RELATIONS—RUSSIA
Extending cooperation and good-neighbor relations. Mezhdunar. zhizn' no. 7:0-13 Jl '56.
In a cordial and friendly atmosphere. IU. Semenov, A. Gostev. Ogonek 34 no. 26:3 Jl '56.
The Iranian Shah came to the U. S. S. R. Ogonek 34 no. 27:4-5 Jl '56.
Untapped potentialities. M. S. Ivanov. Nov. vrem. 14 no. 30:10-12 Jl '56.

IRAN—PLANTS
Field and garden plants in Iran during the 13th-15th centuries. I. P. Petrushevskii. Viz. vrem. 9:128-153 '56.

IRAN—RELATIONS (GENERAL) WITH THE UKRAINE
"That will be of use." Ukraina no. 15:4 Ag '56.

IRIS (EYE)
Ecological histology of the iris musculature in Lacerta agilis. E. I. Koloss. Dokl. AN SSSR 108 no. 2:337-340 My '56.

IRKLEYEV DISTRICT—SWINE
Breeding work on a farm. A. A. Rudenko. Sots. tvar. 28 no. 6:21-23 Je '56.

IRKUTSK—LAW SCHOOLS
At the Law School of Irkutsk University. Sov. gos. i pravo no. 5:127-128 '56.

IRKUTSK GOVERNMENT—REVOLUTION OF 1905
Irkutsk. Gosudarstvennyi arkhiv. [The revolutionary movement in Irkutsk Government during the first Russian revolution; a collection of documentary materials] Revoliutsionnoe dvizhenie v Irkutskoi gubernii v period pervoi russkoi revoliutsii; sbornik dokumental'nykh materialov. Pod red. F. A. Kudriavtseva. [Irkutsk] Irkutskoe kn-vo, 1955. 154 p.

IRKUTSK HYDROELECTRIC POWER STATION
Experience with building the dam of the Irkutsk Hydroelectric Power Station. S. N. Moiseev. Gidr. stroi. 25 no. 5:1-6 Je '56.

IRKUTSK PROVINCE—ADMINISTRATIVE COURTS
Organization of the work of administrative commissions attached to executive committees of district and city soviets of workers' deputies; based on material from Irkutsk Province. V. I. Shemetov. Sov. gos. i pravo no. 5:117-120 '56.

IRKUTSK PROVINCE—RADIO STATIONS
Results of applying an index of increase of labor productivity. N. A. Protasov. Vest. svinzi 16 no. 7:20 Jl '56.

IRON
Copper plating of iron objects in acid electrolytes. Part 1. Contact deposition of copper on iron. L. I. Kadaner. Ukr. khim. zhur. 17 no. 2:224-234 '51.
Copper plating of iron objects in acid electrolytes. Part 2. Contact deposition of copper on tinned iron. L. I. Kadaner. Ukr. khim. zhur. 17 no. 2:235-238 '51.
Copper plating of iron objects in acid electrolytes. Part 3. Study of factors influencing the electrolytic deposition of copper on an iron cathode. L. I. Kadaner. Ukr. khim. zhur. 17 no. 5:723-726 '51.
Diffusion of hydrogen through iron and binary iron-chromium and iron-nickel alloys at high pressure and temperatures. A. A. Shcherbakova. Zhur. prikl. khim. 29 no. 6:870-884 Je '56.
Photooxidation of bivalent-iron ions in ethyl alcohol. T. S. Hitkman. Dop. AN URSR no. 2:30-33 '49.
Reaction of albomycin with iron. M. G. Brazhnikova, N. N. Lomakina, M. K. Kudinova. Dokl. AN SSSR 108 no. 4:677-679 Je '56.
Removing iron from wines by means of ionites. R. D. Bogunova, O. S. Zakharina, D. K. Chalenko. Vin. SSSR 16 no. 4:14-16 '56.
Retardation of the electrodiffusion of hydrogen in iron and steel by surface films of some metals (with English summary in insert). L. I. Freiman, V. A. Titov. Zhur. fiz. khim. 30 no. 4:882-888 Ap '56.

IRON—HEAT TREATMENT
[Physical metallurgy and the heat treatment of steel and iron; a reference book] Metallovedenie i termicheskaia obrabotka stali i chuguna; spravochnik. Pod red. N. T. Gudtsova, M. L. Bernshteina, A. G. Rakhshtadta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 1204 p.

IRON—METALLOGRAPHY
X-ray structural investigation of the "white crust" originated on the friction surface. V. G. Liuttseu. Tron. i izn. mash. no. 11:204-209 '56.

IRON—METALLURGY
Take advantage of every potentiality in the iron industry. Metallurg no. 1:1-2 Ja '56.

IRON—SPECTRA
Spectral determination of iron and magnesium in aluminum silicates. S. N. Aleksandrov, IA. E. Shmuliakovskii, G. P. Malakhova. Khim. i tekh. topl. no. 6:55-57 Je '56.

IRON ALLOYS
Diffusion of hydrogen through iron and binary iron-chromium and iron-nickel alloys at high pressure and temperatures. A. A. Shcherbakova. Zhur. prikl. khim. 29 no. 6:879-884 Je '56.

IRON ALLOYS—METALLOGRAPHY
Study of tempering processes in the iron-nitrogen system. V. G. Permiakov. Metalloved. i obr. met. no. 7:2-9 Jl '56.

IRON AND STEEL BUILDING see Building, Iron and steel

IRON CHLORIDES
Electrolytic preparation of an iron coagulant for the purification of drinking water. Part 1. Anodic dissolution of iron. M. A. Shevchenko. Ukr. khim. zhur. 17 no. 2: 252-263 '51.
Purification of drinking water with a mixture of ferric and ferrous chlorides. L. A. Kul'skii, M. A. Shevchenko. Ukr. khim. zhur. 17 no. 2:239-251 '51.

IRON-CHROMIUM ALLOYS
Characteristic of surface zones formed during the diffusion of chromium in iron. G. N. Dubinin. Zhur. tekh. fiz. 26 no. 6:1345-1350 Je '56.
Study of the diffusion of chromium in ternary alloys: iron -- chromium -- carbon. S. D. Hertsriken, I. IA. Dekhtiar, L. M. Kumok. Dop. AN URSR no. 2:48-52 '49.

IRON-CHROMIUM-MANGANESE ALLOYS—METALLOGRAPHY
Intercrystalline and volumetric diffusion of manganese in iron. D. S. Kazarnovskii. Izv. AN SSSR. Otd. tekh. nauk no. 7:94-102 Jl '56.

IRON-CHROMIUM-NICKEL ALLOYS
Akademiia nauk SSSR. Institut metallurgii. [Iron alloys] Zheleznye splavy. Moskva.
Vol. 3. Kornilov, I.I. [Iron-chromium-nickel system of alloys] Splavy sistemy zhelezo-khrom-nikel'. 1956. 430 p.

IRON DISYCLOPENTADIENYL
Disruption of the ferrocene nucleus by hydrogenation and treatment with halides. A. N. Nesmeianov, and others. Izv. AN SSSR. Otd. khim. nauk no. 6:739-741 Je '56.

IRON FOUNDING
Normative basis for the business accounting system of iron foundries. A. S. Kats. Trudy LIEI no. 8:93-106 '54.

IRON-HYDROGEN CONTENT

IRON INDUSTRY see subdivision under Soviet Far East
Changes of hydrogen content in metal and slag in the course of steel smelting in large capacity open-hearth furnaces. N. I. Shirokov, K. V. Demykin. Stal. proizv. no. 1:23-42 '56.

IRON-NICKEL ALLOYS
Composition - property diagrams of the system: iron - nickel. I. I. Kornilov, I. O. Panasiuk. Izv. Sekt. fiz. - khim. anal. 27:164-170 '56.

IRON-NICKEL ALLOYS—METALLURGY
Solubility of oxygen in liquid nickel and iron and nickel melts. A. M. Samarin, V. P. Fedotov. Izv. AN SSSR. Otd. tekh. nauk no. 6:119-125 Je '56.

IRON-NICKEL-ALUMINUM ALLOYS—METALLOGRAPHY
The structure of iron-nickel-aluminum alloys with a high degree of coercive force. IU. A. Skakov. Sbor. Inst. stali no. 31:79-120 '53.

IRON ORES
(see also subdivision under Krivoy Rog; Krivoy Rog Basin Tula Province)
Phase analysis of iron ores. Part 1. IU. V. Morachevskii, N. Kh. Pinchuk. Vest. Len. un. 11 no. 10:60-67 '56.
Technology of screening iron ores in blast-furnace plants. V. I. Markin, A. K. Shaposhnikov. Metallurg no. 6:12-14 Je '56.

IRON OXIDES
Electrochemical oxidation of iron and steel in hot concentrated alkali solutions. V. V. Losev. Zhur. prikl. khim. 29 no. 6:948-950 Je '56.

IRON SILICIDES—CORROSION
Kinetics of the oxidation of iron silicide in air at high temperatures. V. V. Ipat'ev, G. M. Orlova. Zhur. prikl. khim. 29 no. 6:814-818 Je '56.

IRON-SILICON ALLOYS
Iron ion transference numbers for liquid iron silicates. O. A. Esin, A. K. Kirillanov. Izv. AN SSSR. Otd. tekh. nauk no. 8:20-27 Ag '56.
Study of the system: Fe - Si in the $FeSi_2$ range. N. Kh. Abrikosov. Izv. Sekt. fiz. -khim. anal. 27:157-163 '56.

IRON-SILICON ALLOYS—ELECTRIC PROPERTIES
Anomalies in the electric resistance of $Fe_3Si$ alloys. I. G. Gutovskii, IA. F. Selieskii. Fiz. met. i metalloved. 2 no. 2:375-376 '56.

IRRIGATION
(see also subdivision under Altai; Amu Darya Valley; Armenia; Kirghizistan; Korea, North; Near East; Tajikistan)
Combined method for the irrigation of orchards. T. I. Gorin. Sad i og. no. 7:35-37 Jl '56.
Effect of irrigation on the setting of fruit buds in strawberries. A. A. Il'inskii. Sad i og. no. 7:38-39 Jl '56.
Effect of watering on the growth and differentiation of tea buds and young shoots. M. A. Ali-Zade. Trudy Inst. zeml. AN Azerb. SSR 3:101-112 '55.
Flexible pipes in irrigation. I. I. Velichko. Gidr. i mel. 8 no. 6:19-23 Je '56.
International Irrigation and Drainage Commission. Gidr. i mel. 8 no. 8:64 Ag '56.
Optimum irrigation conditions for potatoes in the southern steppe of the Ukrainian S. S. R. M. I. Katkov. Kartofel' no. 2:62-63 My-Je '56.
Problem of irrigating soils with a pebbly substratum [with German summary in insert]. V. I. Shrag, S. I. Dolgov, F. R. Zaidel'man. Pochvovedenie no. 5:67-79 My '56.
Rogovskaia, N. V. [Methods of hydrogeological and geological engineering studies in irrigation systems] Metodika gidrogeologicheskikh i inzhenerno-geologicheskikh issledovanii na massivakh oroshenila. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 135 p.
Saturation irrigation of crops. I. I. Klyisenko, V. P. Popov. Visnyk AN URSR 24 no. 10:61-62 O '52.
Universal telemechanical apparatus. M. S. Zymbaleva'kyi. Mekh. sil'. hosp. 7 no. 7:26-27 Jl '56.

IRRIGATION—BIBLIOGRAPHY see Bibliography—Irrigation

IRRIGATION, OVERHEAD see Sprinkler irrigation

IRRIGATION CANALS AND FLUMES
Changes in the efficiency of irrigation canals resulting from antiseepage measures. Ivan Bairaktarskii. Gidr. i mel. 8 no. 7:60-62 Jl '56.

IRRIGATION FARMING
(see also subdivision under Kolomna District; Kulunda Steppe; Volga Valley)
Determining the irrigation requirements of seed alfalfa. V. Golodkovskii, Kh. Azimov. Khlopkovodstvo 6 no. 7: 34-36 Jl '56.
Growth and development of millet grown as an irrigated postharvest crop. I. T. Efimov. Agrobiologiia no. 3: 110-112 My-Je '56.
Irrigation of vegetable crops. I. Fedorenko, V. Shelenkov. Kolkh. proizv. 16 no. 5:19-20 My '56.
Shortcomings of the book "Irrigation of agricultural crops." Reviewed by M. A. Grachev. Zemledelie 4 no. 7:119-121 Jl '56.

ISACHENKO, BORIS LAVRENT'EVICH, 1871-1948
Boris Lavrent'evich Isachenko; obituary. Visnyk AN URSR 21 no. 2:68-70 F '49.

ISHIMBAY—FRUIT CULTURE
Fruit culture in Ishimbay. P. M. Shcherbakov. Sad i og. no. 6:57-58 Je '56.

ISKITIM DISTRICT—BUILDING
The collective farm is growing and gaining strength. B. Dimitrov. Sel'. stroi. 11 no. 7:0 Jl '56.

ISOMERS AND ISOMERIZATION
Energy differences of rotational isomers of some halogen derivates of hydrocarbons. IU. A. Pentin, V. M. Tatevskii. Dokl. AN SSSR 108 no. 2:290-293 My '56.
Isomerization of $\alpha$-oxides. Part 3. F. IA. Perveev. Vest. Len. un. 11 no. 10:103-115 '56.

ISONICOTINIC ACID
Preparation of isonicotinic acid. M. V. Rubtsov, E. E. Mikhlina, V. IA. Furshtatova. Zhur. prikl. khim. 29 no. 6:946-948 Je '56.
Ronidase, Saluzid and soluble saluzid. L-2 forest solution. Voen. -med. zhur. no. 6:94 Je '56.

ISOPODA see subdivision under Black Sea

ISOPROPYL ALCOHOL
Effect of the position of elements in Mendeleev's periodic system on the catalytic activity of binary compounds of metals from the second group with nonmetals. Part 1. Catalytic decomposition of isopropyl alcohol on alkaline earth oxides. O. V. Krylov, S. Z. Roginskii, E. A. Fokina. Izv. AN SSSR. Otd. khim. nauk no. 6:668-675 Je '56.
Relative activity of Ni, Zn, and Cr oxides, sulfides, and selenides in the catalytic decomposition of isopropyl alcohol. A. M. Rubinshtein, S. G. Kulikov, B. A. Zakharov. Izv. AN SSSR. Otd. khim. nauk no. 5:587-595 My '56.

ISOTOPES
Roginskii, S. Z. [Theoretical foundation of isotopic methods of studying chemical reactions] Teoreticheskie osnovy izotopnykh metodov izucheniia khimicheskikh reaktsii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 611 p.
Using liquid emulsions in histoautoradiography. N. D. Gracheva, L. N. Zhinkin, E. I. Shcherban'. Med. rad. 1 no. 2:87-93 Mr-Ap '56.

ISRAEL—ECONOMIC CONDITIONS
In the state of Israel. V. Kargin. Nov. vrem. 14 no. 30: 24-26 Jl '56.

ISRAEL ORI, 1650-1711
Evaluation of the activity of Israel Ori and Minas-vardapet. P. Arutiunian. Izv. AN Arm. SSR Obshchestv. nauki no. 7:81-88 Jl '56.

ISSYK-KUL—SANATORIUMS
The Issyk-Kul sanatorium and its resort and climatological therapeutic factors. N. A. Bel'tiukov. Voen. -med. zhur. no. 6:52-56 Je '51.

ISSYK-KUL BASIN—PHYSICAL GEOGRAPHY
Types of relief of the mountainous framework of the Issyk-Kul Basin in connection with the most recent structures. E. IA. Rantsman. Trudy Inst. geog. no. 67: 5-10 '56.

ISSYK-KUL LAKE—HYDROGRAPHY
Ancient and contemporary glaciation of the Terskei Ala-Tau Mountain Ridge and level fluctuations of the Issyk-Kul Lake. R. D. Zabirov. Izv. AN Kir. SSR no. 2:73-100 '56.

ISSYK-KUL PROVINCE—PASTURES AND MEADOWS
Akademiia nauk Kirgizskoi SSR, Frunze. Institut botaniki. [Recommendation for grass seeding and irrigation of mountain pastures in the Tien Shan and Issyk-Kul provinces and the Susamyr] Rekomendatsii po vysokogornomu travoseianiiu i oroshcniiu pastbishch v Tian'-Shan'skoi, Issyk-Kul'skoi oblastiakh i na Susamyre. Frunze, 1956. 11 p.
(DA)

ISTAMANOV, SERGEI SOLOMONOVICH, b. 1852
I. M. Sechenov's follower [in Armenian with summary in Russian]. M. A. Mazmanian, A. A. Lalaian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:101-107 Jl '56.

ISTANBUL—WRESTLING
At the "Mithatpasha" stadium. A. Kuleshov. Ogonek 34 no. 27:29 Jl '56.
In Istambul. A. Kuleshov. Fizk. i sport 20 no. 7:12-13 '56.

ITALIAN LITERATURE—TRANSLATIONS INTO WHITE RUSSIAN
Buon giorno. Gianni Rodari. Biarozka 32 no. 6:8-9 Je '56.

ITALIAN PAINTERS see Painters, Italian

ITALIAN PAINTING see Painting, Italian

ITALY—CHRISTIAN DEMOCRATIC PARTY
"The Christian Democratic Party in Italy," vol. 1. [in Italian]. Francesco Magri. Reviewed by L. Reznikov. Mezhdunar. zhizn' no. 7:140-149 Jl '56.

ITALY—COAL TRADE
European Coal and Steel Community, Italy, and coal. Nov. vrem. 14 no. 20:18 Jl '56.

ITALY—DESCRIPTION AND TRAVEL
I am a bad tourist. Henri Crespi. V zashch. mira no. 62/63:86-90 Jl-Ag '56.

ITALY—FOREIGN RELATIONS
Crisis in Chigi Palace. Umberto Zappulli. V zashch. mira no. 62/63:91-96 Jl-Ag '56.

ITALY—HISTORY
Brief survey of the history of Italy. Paolo Alatri. V zashch. mira no. 62/63:97-103 Jl-Ag '56.

ITALY—LABOR AND LABORING CLASSES
A book on the situation of workers in Italian factories and plants ("Working conditions in Italy." Fabrizio Onofri. Reviewed by S. Slobodskoi). Sots. trud no. 7:122-127 Jl '56.

ITALY—LAND TENURE
Large-scale church and secular landownership in 6th century Italy. Z. V. Udal'tsova. Viz. vrem. 9:76-116 '56.

ITALY—MOTION-PICTURE INDUSTRY
Black days of Italian cinematography. Tommaso Chiaretti. V zashch. mira no. 62/63:104-110 Jl-Ag '56.

ITALY—MOTION PICTURES
Notes on Italian motion pictures. I. Prusakova. Zvezda no. 7:182-186 Jl '56.
The problem of "neorealism" ("The Italian motion picture," Carlo Lizzani. Reviewed by R. Khlodovskii). Isk. kino no. 5:86-93 My '56.

ITALY—PETROLEUM INDUSTRY
The struggle of monopolies for Italian oil ("Italian oil" [in Italian]. Piero Montagnani. Reviewed by G. Obarina). Vop. ekon. no. 8:140-145 Ag '56.

ITALY—PLOWS
The Italic plow. M. E. Sergeenko. Viz. vrem. 9:117-127 '56.

ITALY—SMELTING
The pouring of steel into horizontally placed molds. (From foreign journals). Stal' 16 no. 7:664-665 Jl '56.

ITALY—TAXATION
Too many taxes ("The country of taxes" [in Italian]. Enrico Nobis. Reviewed by Giovanni Germanetto). Nov. vrem. 14 no. 34:28 Ag '56.

ITALY—TEXTILE INDUSTRY
Is automation a blessing? P. Brasenglia. Mol. mira no. 6:3 '56.

ITALY—WOMEN—EMPLOYMENT
Hello, Prague! Turin is speaking. Roger Klein. Vsem. prof. dvizh. no. 6:39-41 Je '56.

IUCHENKOV, GLEB IVANOVICH
Simferopol'. Teatr 17 no. 7:144-145 Jl '56.

IUDIN, PAVEL ALEKSANDROVICH, 1902-1956
Pavel Aleksandrovich IUdin; an obituary. TSement 22 no. 2:11 Mr-Ap '56.

IULDASH, FAZIL, 1863-
"Malika Aier" [in Uzbek]. Fazil IUldash. Book review. Druzh. nar. no. 6:187 Je '56.

IUZHIN-SUMBATOV, ALEKSANDR IVANOVICH, 1857-
N. Nusic and A. I. IUzhin-Sumbatov. E. Surkov. Ogonek 34 no. 34:6 Ag '56.

IVAN IV, the Terrible, Czar of Russia, 1530-1584
Ivan the Terrible as a composer. K. Larin. Ukraina no. 14:32 Jl '56.

IVANKOV DISTRICT—NEMATODA
Controlling macracanthorhynchosis in swine. R. S. Chabator'ov and others. Trudy Inst. zool. AN URSR 8:15-17 '52.

IVANOV, ALEKSANDR ANDREEVICH, 1806-1858
A painter's achievement. Nik. Kruzhkov. Ogonek 34 no. 30:8 Jl '56.

IVANOV, LEONID ALEKSANDROVICH, 1871-
Eighty-fifth birthday of L. A. Ivanov. P. A. Genkel'. Fiziol. rast. 3 no. 3:292-296 My-Je '56.

IVANOVA DISTRICT (IVANOVA PROVINCE)—MACHINE-TRACTOR STATIONS
Machine-tractor station organizes production. V. Zhelvakov. Kolkh. proizv. 16 no. 7:5 Jl '56.

IVANOVO—REVOLUTION OF 1905
"The general strike of Ivanovo-Voznesensk workers in 1905." Reviewed by N. S. Trusova. Ist. arkh. no. 3: 227-229 My-Je '56.

IVANOVO PROVINCE—BEE CULTURE
Master of a bee colony; a sketch. L. Semin. Nova no. 7: 143-147 Jl '56.

IVANOVO PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
How we compute subscriptions according to the delivery terms. A. Gavrilov. Raspr. pech. no. 7:15-16 Jl '56.

IVANOVSKII, P. M. 1885-1953
P. M. Ivanovskii, 1885-1953. M. D. Bol'shakova. Gig. i san. 21 no. 7:34-37 Jl '56.

IVANTEYEVKA (MOSCOW PROVINCE)—TEXTILE INDUSTRY
Master one's job. L. Margolin. Mosk. prop. 13 no. 5: 46-52 My '56.

JABLANICA HYDROELECTRIC POWER STATION, YUGOSLAVIA
Jablanitsa. Mirko Vujacic. Nov. vrem. 14 no. 26:23-25 Jl '56.

JAM
Berry preserves. M. Mordkovich. Raboinitsa 34 no. 7: 30 Jl '56.

JAPAN—ATOMIC BOMB
This we will not permit. B. Petrov. Ogonek 34 no. 31: 6-7 Jl '56.

JAPAN—COAL MINERS
Miners' wives get ready for the struggle. Fumi Takada. Vsem. prof. dvizh. no. 6:20-23 Je '56.

JAPAN—DESCRIPTION AND TRAVEL
The Japan of Madame Butterfly and the other Japan. V zashch. mira no. 60:57-61 My '56.
Ten days in Japan. Aleksandr Guber. V zashch. mira no. 61:35-43 Je '56.

JAPAN—ECONOMIC CONDITIONS
The Japanese economic situation in 1950-1955 and the impoverishment of the workers (to be concluded). Yamashita Ichiro. Mezhdunar. zhizn' no. 7:48-57 Jl '56.
Japan's economic situation in 1950-1955 and the impoverishment of the workers. Yamashita Ichiro. Mezhdunar. zhizn' no. 8:73-85 Ag '56.

JAPAN—FOREIGN RELATIONS
What are the relations of Japan with its nearest neighbors. V. Viktorov. Otv. na. vop. trud. no. 68:56-63 '56.

JAPAN—FOREIGN RELATIONS—RUSSIA
Mr. Shigemitsu's arrival. Sovremennik. Nov. vrem. 14 no. 32:3-5 Ag '56.

JAPAN—LABOR AND LABORING CLASSES
Conditions of the working class in Japan (1945-1954) [with English summary in insert]. E. P. Myshkin. Sov. vostokoved. no. 3:34-50 '56.

JAPAN—PEACE TREATIES
The only basis for a peace treaty with Japan. Nar. Kit. no. 9/10:3 My '51.
Wall Street concocts a "peace treaty" for Japan. Ch. K. Ch'eng. Nar. Kit. no. 9/10:4-6 My '51.

JAPAN—PEASANTRY
People of the village of Sunagava. L. Cherniavs'kyi. Ukraina no. 15:28-29 Ag '56.

JAPAN—PHILOSOPHY
From the history of social thought in Japan [with English summary in insert]. B. V. Pospelov. Sov. vostokoved no. 3:165-174 '56.

JAPAN—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Friendship of Asiatic countries. Dan Tokusaburo. Ogonek 34 no. 31:7 Jl '56.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA
First contacts. A. Filippov. Sov. pech. no. 7:52-54 Jl '56.
Letter from Japan. Ivao Nakadzima. Ogonek 34 no. 34: 30 Ag '56.

JAPAN—TRUSTS, INDUSTRIAL
"Zaibatsu dissolution in Japan" [in English]. T. A. Bisson. Reviewed by L. L. Vol'nov [with English summary in insert]. Sov. vostokoved. no. 2:177-184 '56.

JAPAN—WOMEN
What Keiko Shemizu told us about. Rab. i sial. 32 no. 8:4-5 Ag '56.

JAPAN—WORLD WAR, 1939-1945
A work by progressive Japanese historians ("History of the war on the Pacific" [in Japanese]. 5 v. Reviewed by B. Pospelov). Mezhdunar. zhizn' no. 8:141-144 Ag '56.

JAPANESE ART see Art, Japanese

JAPANESE JOURNALISTS see Journalists, Japanese

JASMINES
Indoor cultivation of the Jasminum grandiflorum L. A. A. Vlazov. Priroda 45 no. 7:112-113 Jl '56.

JASPER see subdivision under Orsk

JAWS—DISEASES
Classification of inflammatory diseases of the jaws. M. D. Dubov. Stomatologiia 35 no. 3:32-36 My-Je '56.

JAWS—FRACTURE
Use of Rud'ko's apparatus with three clamps in an angular maxillary fracture. V. I. Titarev. Stomatologiia 35 no. 3:20-30 My-Je '56.

JAWS—RADIOGRAPHY
Roentgenologic investigation of the jaws in diseases of the homopoietic system. E. E. Platonov. Vest. rent. i rad. 31 no. 3:81-83 My-Je '56.

JAWS—SURGERY
Use of Rud'ko's apparatus in fractures and osteoplasty of the mandible. IU. I. Bernadskii. Stomatologiia 35 no. 3:26-29 My-Je '56.

JAZZ MUSIC
Jazz and Mr. Finkelstein. Derrick Stuart-Baxter. Mol. mira no. 5:16 '56.

JEJUNUM—DISEASES
Necrotic enterocolitis. V. P. Konstantinova. Voen.-med. zhur. no. 6:43-45 Je '51.

JENSEN, FRITZ
Fritz Jensen, poet and translator ("Victims and victors; translations, verse, and sketches" [in German]. Fritz Jensen. Reviewed by E. Saahenkov). Novyi mir 32 no. 9:268-269 S '56.

JERUSALEM ARTICHOKE
Hybrids of sunflower and Jerusalem artichoke and the problem of the third sugar. I. I. Marchenko. Visnyk AN URSR 24 no. 11:56-62 N '52.

JET PLANES
(see also subdivision under France)
Eight hundred and thirty kilometers per hour. S. I. Kanevskii. Nauka i zhizn' 23 no. 6:16 Je '56.
Flight operation of the TU-104 airplane. S. Peshkov. Grazhd. av. 13 no. 6:13-15 Je '56.
From an airplane model to the "Tu-104." K. Malkhasian. Kryl. rod. 7 no. 7:10-11 Jl '56.
I tested the "TU-104." V. Kovalev. Kryl. rod. 7 no. 6: 2-3 Je '56.
Jet, high, and fast... P. Astashenkov, V. Zhurkov. Kryl. rod. 7 no. 6:10-11 Je '56.
On a passenger jet plane. K. Larin. Ukraina no. 12:4 Je '56.
On international flights. A. Starikov. Grazhd. av. 13 no. 5:20-22 My '56.
Soviet commercial jet plane. Sov. Soiuz no. 4:40 Ap '56.
Speed, safety, comfort. A. Markusha. Smena 33 no. 12: 12 Je '56.
Training jet airplane crews. Grazhd. av. 13 no. 7:6-7 Jl '56.
Tu-104 airplane. A. Arkhangel'skii. Grazhd. av. 13 no. 5:18-19 My '56.

JET-PROPELLED AIRPLANES see Airplanes—Jet propulsion

JET PROPULSION
Zaimanzon, L. A., and D. A. Cherkasov. [Control of gas turbine and direct flow air-jet engines] Regulirovanie gazoturbinnykh i priamotochnykh vozdushno-reaktivnykh dvigatelei. Moskva, Gos. izd-vo oborr. promyshl., 1956. 374 p.

JETS
Propagation of a turbulent gas jet in a medium of different density. L. A. Vulis, N. N. Terekhina. Zhur. tekh. fiz. 26 no. 6:1277-1291 Je '56.

JEWELS see Gems

JIUJITSU
I prefer judo. Anna Stibitseva. Mol. mira no. 5:10-11 '56.

JIVARO INDIANS
In the land of the Jivaros. Jirží Hanzelka, Miroslav Siegmund. Mol. mira no. 5:12 '56.

JOHNE'S DISEASE
Diagnosis of paratuberculosis in cattle. V. I. Rotov, A. N. Kroshev. Veterinariia 33 no. 7:64-65 Jl '56.

JOINTS—DISEASES
Joint syndrome in tuberculosis infection. M. L. Mordkovich. Voen.-med. zhur. no. 9:14-16 S '51.
Results of treating chronic diseases of the joints in Svetlogorsk. I. D. Panchukov. Voen.-med. zhur. no. 5: 61-64 My '56.
Treating dystrophic (benign) polyarthritis at the Khosta Sanatorium. M. N. Sitkin. Voen.-med. zhur. no. 5:55-60 My '56.

JOINTS—RADIOGRAPHY
Radiography of the bones and joints with the patient in a vertical position. S. I. Vaisburg. Voen.-med. zhur. no. 9:72 S '55.

JOLIOT-CURIE, IRENE, 1897-1956
Irène Joliot-Curie. M. P. Shaskol'skaia. Fiz. v shkole 16 no. 4:26-29 Jl-Ag '56.
Irène Joliot-Curie; obituary. Med. rad. 1 no. 3:95 Mr-Ap '56.

JORDAN—FOREIGN RELATIONS
We don't need any military alliance blocks. V. Sh. Mol. mira no. 4:24 '56.

JOURNALISM
(see also subdivision under Antarctic regions; Estonia)
Always late! Letters on the work of TASS and the telegraph agencies in the republics. Sov. pech. no. 6:33-35 Je '56.
An editor's workdays. A. Golovko, V. Komov. Sov. pech. no. 6:31-32 Je '56.
Brief news. Sov. pech. no. 6:61-63 Je '56.
Critical volleys without consequences. F. Mal'ts. Sov. pech. no. 6:17-19 Je '56.
Fix the limits. Evg. Prokhorov. Sov. pech. no. 8:26-27 Ag '56.
For a creative search. D. Bekasov. Sov. pech. no. 8: 4-6 Ag '56.
Good and bad valued alike. Mikh. Zavelitskii. Sov. pech. no. 6:36-39 Je '56.
How to cause a sensation. Nov. vrem. 14 no. 32:17-18 Ag '56.
"Its uniform stamp." Sov. pech. no. 6:4-8 Je '56.
Janitors on a newspaper. A. Nedzvetskii. Sov. pech. no. 6:9-12 Je '56.
The journalist and the reader. Sov. pech. no. 6:1-3 Je '56.
Journalists need an economic background. V. Vasil'ev. Sov. pech. no. 7:30-32 Jl '56.
Letters to the editor. Sov. pech. no. 8:50-52 Ag '56.
Literary mastery. B. Podol'skii. Sov. pech. no. 7:12-16 Jl '56.
Neglect of a genre. IU. Zolotarev. Sov. pech. no. 6:24-25 Ag '56.

JOURNALISM (Continued)

News is interesting. O. Mandel'. Sov. pech. no. 6:39-40 Je '56.

So that a newspaper might be interesting. S. Maslennikov. Sov. pech. no. 6:36-38 Je '56.

A valuable journalism manual ("Newspaper genres." Reviewed by M. Cherepakhov). Sov. pech. no. 8:33-35 Ag '56.

What is the meaning of "a few days ago"? V. Riabov. Sov. pech. no. 6:40 Je '56.

Without form the satirical sketch doesn't exist. V. Kalashnikov. Sov. pech. no. 8:25-26 Ag '56.

JOURNALISM—CONGRESSES see subdivision under Helsinki

JOURNALISM—LUMBERING

In the role of a passive news correspondent. A. Krylov. Mol. komm. 14 no. 7:109-112 Jl '56.

JOURNALISM—STUDY AND TEACHING

From acknowledgments to deeds! Sov. pech. no. 7:33-34 Jl '56.

JOURNALISM, AGRICULTURAL
(see also subdivision under Altai Territory)

In the hot days of the harvest. N. Kavskaia. Sov. pech. no. 8:7-10 Ag '56.

A living source. A. Sokolkov. Sov. pech. no. 7:20 Jl '56.

JOURNALISM, PICTORIAL

School photographers. S. Fridliand. Ogonek 34 no. 24: 20 Je '56.

JOURNALISM, TECHNICAL

Signs of the times. Sov. pech. no. 6:14-16 Je '56.

Three and sixteen thousand. T. IAkovlev. Sov. pech. no. 6:28-30 Je '56.

JOURNALISTS

In the organizational bureau of the Union of Soviet Journalists. Sov. pech. no. 7:16 Jl '56.

Know each other better. P. Efimov. Sov. pech. no. 6:44-49 Je '56.

Letters to the editor. Sov. pech. no. 6:54-55 Je '56.

Meetings with English journalists. Vl. Rogov. Sov. pech. no. 6:50-53 Je '56.

Mr. Kluckhohn's jokes. A. Sofronov. Ogonek 34 no. 28:30 Jl '56.

Welcome! IA. Makarenko. Sov. pech. no. 6:42-43 Je '56.

JOURNALISTS, AMERICAN

Robertson is an exception. G. Borovik, IU. Semenov. Ogonek 34 no. 37:24 S '56.

JOURNALISTS, CHINESE

With Chinese journalists in the U. S. S. R. N. Vorob'ev. Sov. pech. no. 7:49-52 Jl '56.

JOURNALISTS, JAPANESE

First contacts. A. Filippov. Sov. pech. no. 7:52-54 Jl '56.

JOURNALS (MACHINERY) see Bearings (Machinery)

JUDGMENTS, DECLARATORY

Declaratory judgments (pre-trial) in Soviet civil procedure. IA. L. Shiutin. Sov. gos. i pravo no. 5:58-67 '56.

JUMPING

For beginning jumpers. P. Golkman. Leg. atl. no. 5:29 My '56.

One more centimeter. IA. Konstantinov. Ogonek 34 no. 31:13 Jl '56.

JUSTICE, ADMINISTRATION OF

...ient-day imperialist states. S. L. Ziva... ...o no. 5:87-98 '56.

...ialist legality and the law. Kommu... '56.

E. Nedbailo. Dop. ta pov. '53.

...d in the court's verdict. 11 no. 7:34-35 Jl '56.

...IAGE—STUDY AND TEACH-

...ssian in Kabardian-speaking ...us. iaz. v shkole 17 no. 3:89-

...HISTORY AND CRITICISM

...and artist ("Literature and ...ichim Teunov. Reviewed by ... no. 8:175-177 Ag '56.

...ER AND PERIODICAL

M. Kurenkov. Raspr. pech.

...AND TRAVEL

Vokrug sveta. no. 6:21-23

KAFIRNINGAN VALLEY—EXCAVATIONS (ARCHAEOLOGY)

Preliminary information on the works of the Kafirnigan group in 1953. A. M. Mandel'shtam. Dokl. AN Tadzh. SSR no. 11:61-68 '54.

KAKANETS, KARUS', pseud. see Kastravitski, Kazimir, 1868-1918

KAKHOV HYDROELECTRIC POWER STATION

Ravinskii, L.M. [Use of the suction dredge apparatus 1000-80 in the construction of the Kakhov hydroelectric power station] Opyt raboty zemlesosnogo snariada 1000-80 na stroitel'stve Khakovskoi GES. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 62 p.

KAKHOVKA DISTRICT—AFFORESTATION

Using organic fertilizers for forest plantations on lower Dnieper sands and in districts in the vicinity of the Kakhovka Hydroelectric Power Station. L. A. Khristeva. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:169-181 '54.

KAKHOVKA DISTRICT—DAY NURSERIES

When mothers are in the fields. Ukraina no. 15:3 Ag '56.

KAKHOVKA HYDROELECTRIC POWER STATION

Draining of trenches in building the Kakhovka Hydroelectric Power Station. E. E. Alias. Gidr. stroi. 25 no. 3:8-13 Ap '56.

Kakhovka Hydroelectric Power Station. F. V. Lukhtanov, I. S. Gordzievich. Elektrichestvo no. 6:5-8 Je '56.

No, this is not the year 2906. Pavlo Suprunenko. Ukraina no. 11:14-15 Je '56.

Stars over Kakhovka. Mykola Koval'ov. Ukraina no. 15: 8-9 Ag '56.

KAKHOVKA RESERVOIR—FISH CULTURE

Golden bottom of the new sea. M. Bogusinva'kyi. Ukraina no. 13:19 Jl '56.

KALARACH DISTRICT—FRUIT CULTURE

We are expanding the acreage of orchards and vineyards. N. I. Sturdza. Sad. vin. Mold. 11 no. 3:7-8 My-Je '56.

KALEB, VJEKOSLAV

Yugoslav partisans ("Splendor of dust" [in Serbo-Croatian]. Vjekoslav Kaleb. Reviewed by I. Radvolina). Inostr. lit. no. 7:251-252 Jl '56.

KALIDASA, 5th cent. A. D.

In memory of Kalidasa, Heine, and Dostoevskii. Nar. Kit. no. 12:33-36 Je '56.

Kalidasa. M. Davydova. Bibliotekar' no. 7:24-25 Jl '56.

KALININ, MIKHAIL IVANOVICH, 1875-1946

Mikhail Ivanovich Kalinin; on the tenth anniversary of his death. A. Fedorova. Rab. i sial. 32 no. 6:6-7 Je '56.

KALININ, MIKHAIL IVANOVICH, 1875-1946—FICTION

Childhood and youth of M. I. Kalinin. A. Fedorova. Sem'ia i shkola 11 no. 6:27-28 Je '56.

On the threshold of a great life ("From the banks of the Medveditsa." M. Prilezhaeva. Reviewed by I. Riabov). Mol. kolkh. 23 no. 6:7 Je '56.

KALININ—MAPS

Plan of the city of Tver before the 18th century replanning. B. Komarov. Arkhit. nas. no. 6:150-155 '56.

KALININ DISTRICT (MOSCOW PROVINCE)—HOSPITALS, RURAL

Role of a rural hospital in protecting the health of the population; work practice of the "Pervomaiskaia" Regional Hospital in Moscow Province. E. R. Aguev. Sov. zdrav. 15 no. 4:10-14 Jl-Ag '56.

KALININ PROVINCE—FILMSTRIPS

Newspaper on a filmstrip on a state farm. N. Gratsinskii. Klub 6 no. 8:22 Ag '56.

KALININ PROVINCE—FLAX

Higher production of flax with lower outlays for labor. A. A. Belobordov. Len. i konop. no. 5:10-14 Jl '56.

KALININGRAD PROVINCE—CESTODA

The spread of diphyllobothriosis in the Kaliningrad Province. T. P. Chizhova. Dokl. AN SSSR 108 no. 2:370-371 My '56.

KALUGA PROVINCE—AGRICULTURAL EXPERIMENT STATIONS

Slowly and diffidently. L. S. Beregovoi. Nauka i pered. op. v sel'khoz. no. 6:76-77 Je '56.

KALUGA PROVINCE—PUBLIC HEALTH, RURAL

Work of a district sanitation and epidemiological station. V. N. Kabeshev. Fel'd. i akush. 21 no. 6:37-38 Je '56.

KALUGA PROVINCE—STATE FARMS—FINANCE

Increasing production with the least possible amount of labor and means. S. Bykov, I. Kolos. Sovkhoz. proizv. no. 6:33-37 Je '56.

KALYNOVYCH, MYKHAILO IAKOVLEVYCH, 1890-1940

Mykhailo IAkovlevych Kalnyovych; obituary. Visnyk AN URSR 21 no. 2:71-72 F '40.

KAMA VALLEY—MORAINES

Moraines in the upper Kama Lowland. S. A. IAkovlev. Mat. VSEGEI no. 9:9-16 '55.

KAMCHATKA—HEALTH RESORTS, WATERING PLACES, ETC.

One of Kamchatka's wonders. V. Trikhmanenko. Ogonek 34 no. 26:32 Je '56.

KAMCHATKA—LEMMINGS

Forest lemmings in Kamchatka. L. G. Morozova-Turova. Priroda 45 no. 8:116 Ag '56.

KAMCHATKA—SALMON

New data on the western Kamchatka salmon [with English summary in insert]. R. S. Semko. Zool. zhur. 35 no. 7:1017-1022 Jl '56.

KAMCHATKA—VOLCANOES

Volcanic eruption. Sov. Soiuz no. 5:9 My '56.

KAMENETS-PODOL'SKI—ROAD CONSTRUCTION

Road work team on a collective farm. M. O. Shabel'nyi. Avt. dor. 19 no. 6:31 Je '56.

KAMENKA (KIROVOGRAD PROVINCE)—HISTORY

Kamenka. M. Lysenko. Sots. kul't. 9 no. 6:42 Je '56.

KAMENNAYA MOHILA PRESERVE—BOTANY

Kamennaya Mohila Preserve. H. O. Kuznetsova. Ukr. bot. zhur. 13 no. 2:31-43 '56.

KAMENSKIY DISTRICT—STOCK AND STOCKBREEDING

Prophylaxis of noninfectious diseases in young animals. R. I. Pikhoia. Veterinariia 33 no. 7:20-23 Jl '56.

KAMENSKOE (ZAPOROZH'YE PROVINCE)—TOMBS

Burial ground in the earthen wall of the necropolis of the ancient site of Kamenskoe. N. N. Pogrebova. Krat. soob. IIMK no. 63:94-97 '56.

KAMYSHLOV—EDUCATION OF CHILDREN

A school's educational system. Z. V. Dodonova. Nach. shkola 24 no. 6:6-16 Ag '56.

KANTEMIR, ANTIOKH DMITRIEVICH, 1708-1744

A. D. Kantemir's place in the history of Russian philosophy. A. A. Galaktionov. Vest. Len. un. 11 no. 11:81-89 '56.

KAOLIN

Internal friction and sedimentation volumes of polydisperse kaolin suspensions in electrolytes [with English summary in insert]. G. G. Kandilarov. Koll. zhur. 18 no. 3:293-301 My-Je '56.

KAPITSA, PETR IOSIFOVICH

Courage and bravery ("On the open seas"; a tale. P. Kapitsa. Reviewed by R. Oksanova). Pioneriia 33 no. 8:30 Ag '56.

KARA-KALPAK—MUSKRATS

Anatolii Fedorovich Kuznetsov. P. Kolesnik. Okh. i okh. khoz. no. 7:15-16 Jl '56

KARA KUM CANAL

Kara-Kum Canal. Z. G. Freikin. Geog. v shkole 19 no. 3:6-12 My-Je '56.

On the Amu Darya. Pavel Karpov. Nash. sovr. 2: 270-271 '56.

KARA-TAU MOUNTAIN REGION—MOUNDS

The Bork-Kara tomb. G. G. Babanskaia. Trudy Inst. ist., arkheol. i etn. AN Kazakh SSR 1:180-200 '56.

KARABAKH UPLAND—GEOLOGY, STRATIGRAPHIC

Age of the Goris horizon in the western Karabakh volcanic upland. D. P. Isakhanian. Nauch. trudy Erev. un. 52:25-33 '55.

Stratigraphy of upper Tertiary volcanogenous strata of the Karabakh Upland. A. A. Gabrielian and others. Nauch. trudy Erev. un. 52:3-23 '55.

KARAGANDA BASIN—COAL MINING MACHINERY

Inozemtsev, P. P., and others. [Mechanization of coal loading in mines of the Karaganda Basin] Mekhanizatsiia navalki uglia na shakhtakh Karagandinskogo ugol'nogo kasseina. Moskva, Ugletekhizdat, 1956. 171 p.

KARAGANDA BASIN—STRIP MINING

Leading excavator brigade. Mast. ugl. 6 no. 7:20 Jl '56.

KARAGANDA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Wrong methods in the selection, training, and placement of personnel. I. Zabugin, I. Denisov. Komm. Kazakh. 26 no. 8:30-33 Ag '56.

KARAKUL SHEEP
(see also subdivision under Kazakhstan; Samarkand Province; South Kazakhstan Province; Tajikistan; Uzbekistan)

Carrying out early lambing of Karakul ewes on the "Guzar" State Farm. G. E. Kholin. Kar. i zver. 9 no. 4:19-22 Jl-Ag '56.

KARAKUL SHEEP (Continued)

Early lambing of Karakul ewes on the Taypakskiy State Farm. Glagolev, Kovalenkova. Kar. i zver. 9 no. 4: 22-23 Jl-Ag '56.

Importance of repeated matings in culling Karakul sheep. V. M. IUdin, O. I. Brigis. Kar. i zver. 9 no. 4:7-12 Jl-Ag '56.

Increase the meat productivity in Karakul sheep. D. F. Boiko. Kar. i zver. 9 no. 3:3-7 My-Je '56.

Organization of work in shepherding groups. N. I. Legantseva, M. A. Shirinskii. Kar. i zver. 9 no. 3: 9-11 My-Je '56.

Socialist competition among the state Karakul farms of two republics. Kar. i zver. 9 no. 4:03 Jl-Ag '56.

Some problems in organizing production on the "Kenimekh" State Farm. A. A. Manov. Kar. i zver. 9 no. 4:16-19 Jl-Ag '56.

Successes of the "Pobeda" State Karakul Farm. A. G. Sobkin, A. F. Volochko. Kar. i zver. 9 no. 4:23-25 Jl-Ag '56.

Use the fertility of Karakul ewes to greater advantage. D. F. Boiko. Kar. i zver. 9 no. 4:3-7 Jl-Ag '56.

KARAKUL SHEEP—FEEDING AND FEEDING STUFFS (see also subdivision under Uzbekistan)

Methods for determining the feed supply and capacity of Karakul sheep pastures. E. S. Krasnopolin. Kar. i zver. 9 no. 3:14-18 My-Je '56.

Mineral feed briquettes for Karakul sheep. M. A. Rish. Kar. i zver. 9 no. 4:04 Jl-Ag '56.

Regulate the fattening of sheep slaughtered for meat. B. V. Grechin. Kar. i zver. 9 no. 3:8-9 My-Je '56.

KARAVELOV, LIUBEN, 1837-1879

The journalistic activity of Liuben Karavelov in Russia. K. A. Koperzhinskii. Uch. zap. Inst. slav. 12:174-210 '56.

KARELIA—LABOR AND LABORING CLASSES

"The formation of worker cadres in Olonets Petrovskii factories." IA. A. Balagurov. Reviewed by S. M. Troitskii. Vop. ist. no. 5:200-201 My '56.

KARELIA—TECHNICAL EDUCATION

The secondary specialized institutions of learning of Soviet Karelia in the sixth five-year plan. Sred. spets. obr. no. 7:11-13 Jl '56.

KARELIA—TRACTOR INDUSTRY

The "OTZ" brand. Druzh. nar. no. 6:138 Je '56.

KARIM, MUSTAI

A poet of friendship ("I'm a Russian citizen." Mustai Karim. Book review). Druzh. nar. no. 6:182 Je '56.

KARKARALINSK—BRONZE AGE

The bronze age site of Suuk-Bulak. L. F. Semenov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:203 '55.

KASATKIN, IVAN MIKHAILOVICH, 1880-1939

Unpublished letters by A. M. Gor'kii. Oktiabr' 33 no. 6: 150-153 Je '56.

KASHIRA HYDROELECTRIC POWER STATION

Ermakov, D. A., A. P. Nemov, and IA. M. Ostrovskii, eds. [Experience in operating the Kashira Hydroelectric Power Station] Opyt ekspluatatsii Kashirskoi GRES. Moskva, Gos. energ. izd-vo, 1956. 179 p.

KASHMIR—HISTORY

Indian and Kashmiri authors on events in Kashmir ("Anglo-American plot against Kashmir," Vijav Kumar; "Conspiracy in Kashmir," Ghulam Mohammad Mir Rajpori, Manohar Nath Kaul [both in English]. Reviewed by S. Mikoian). Mezhdunar. zhizn' no. 6:142-147 Je '56.

KASHYN, VOLODYMYR

Penetrate more deeply into the hero's soul ("Stories." Volodymyr Kashyn. Reviewed by Roksana Horbovets'). Vitchyzna 24 no. 7:181-183 Jl '56.

KAS'IANOV, ALEKSANDR ALEKSANDROVICH

A. Kas'ianov's opera. N. Ugriumov. Sov. muz. 20 no. 6: 12-17 Ag '56.

KASTRAVITSKI, KAZIMIR, 1868-1916

A talented painter. S. Palees. Belarus' 13 no. 7:31 Jl '56.

KATSMAN, KLARA

"Mark Beregovik." B. Manzhora. Sov. muz. 20 no. 7: 94-97 Jl '56.

KAUNAS—CHESS—TOURNAMENTS

Championship of the Lithuanian S. S. R. I. Vistaneckis. Shakh. v SSSR 33 no. 7:211 Jl '56.

KAUNAS—TRACK ATHLETICS

We develop mastery; remarks by a public trainer. I. Slažas. Leg. atl. no. 5:20-22 My '56.

KAYRAK-KUM HYDROELECTRIC POWER STATION

The "Druzhba Narodov" Hydroelectric Power Station. Druzh. nar. no. 6:138 Je '56.

The Kayrak-Kum Hydroelectric Power Station. A. Nikolaev. Sots. Uz. 15 no. 6:6-7 Je '56.

KAZAKEVICH, EMANUEL, 1913-

After the novel was read ("House on the square"; novel. Emanuel Kazakevich). Reviewed by Sergei L'vov. Novyi mir 32 no. 9:250-254 S '56.

The right to trust ("House on the square." Em. Kazakevich. Reviewed by V. Kardin). Oktiabr' 33 no. 6: 183-186 Je '56.

Trust and vigilance ("House on the square"; a novel. E. Kazakevich. Reviewed by L. Fomenko). Druzh. nar. no. 6:172-175 Ag '56.

KAZAKH LITERATURE—HISTORY AND CRITICISM

Forward and higher; an article. Gabiden Mustafin. Sov. Kazakh. 22 no. 6:110-119 Je '56.

KAZAKH NEWSPAPERS

If you promised, you must fulfill, if you gave your word, you must keep it. K. Abil'daev, IA. Velizhanskii. Komm. Kazakh. 26 no. 8:48-52 Ag '56.

KAZAKHSTAN—ACONITE

Pharmacology of the preparations of forest aconite (Aconitum nemorum M. Pop.). Sh. Zh. Zhmigozin. Trudy Inst. fiziol. AN Kazakh. SSR 1:68-104 '56.

KAZAKHSTAN—AGRICULTURAL RESEARCH

What the Kazakhstan scientists are working on. N. Nechiporenko. Kolkh. proizv. 16 no. 6:15-16 Je '56.

KAZAKHSTAN—AGRICULTURE

If you promised, you must fulfill, if you gave your word, you must keep it. K. Abil'daev, IA. Velizhanskii. Komm. Kazakh. 26 no. 8:48-52 Ag '56.

KAZAKHSTAN—ANTIQUITIES

Objects from the period of the early nomads in the Central Museum of Kazakhstan at Alma-Ata. A. G. Maksimova. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:253-261 '56.

KAZAKHSTAN—BEEF CATTLE

Development of beef cattle raising on the collective farms of Kazakhstan. I. T. Galochkin. Zhivotnovodstvo no. 6:11-17 Je '56.

KAZAKHSTAN—BIBLIOGRAPHY

Alma-Ata. Gosudarstvennaia publichnaia biblioteka Kazakhskoi SSR. [Kazakhstan; a bibliography for 1952] Kazakhstan; bibliografiia za 1952 god. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1953. 106 p.

KAZAKHSTAN—BRONZE AGE

Anthropological traits of the population of Kazakhstan in the bronze age. V. V. Ginzburg. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:169-171 '56.

KAZAKHSTAN—BUDGET

Without economic analysis. N. Fel'dman. Fin. SSSR 17 no. 7:53-66 Jl '56.

KAZAKHSTAN—COLLECTIVE FARMS

Kazakh rural and village Soviets during the period of intensive collectivization (1930-1934). M. I. Imashev. Trudy Sekt. filos. i prava AN Kazakh. SSR 1:48-77 '56.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Party news. Komm. Kazakh. 26 no. 6:03 Ag '56.

The rural district committee of the party. Komm. Kazakh. 26 no. 8:2-6 Ag '56.

KAZAKHSTAN—COPPER ORES

Genesis of copper-bearing sandstones found in Northern Kirghizia and Central Kazakhstan. V. M. Popov. Izv. AN Kir. SSR no. 2:23-43 '56.

KAZAKHSTAN—CORN (MAIZE)

Summer seeding of corn. IA. Velizhanskii. Kolkh. proizv. 10 no. 6:20 Je '56.

KAZAKHSTAN—CULTURE

Brief news of literature and art. Sov. Kazakh. 22 no. 6:126-127 Je '56.

KAZAKHSTAN—CUSTOMARY LAW

Memorials of Kazakh customary law. M. G. Masevich. Trudy Sekt. filos. i prava AN Kazakh. SSR 1:69-08 '56.

KAZAKHSTAN—DAIRY CATTLE

Special features of the breeding of highly productive cattle in piedmont regions. D. N. Pak, M. S. Novikov. Zhivotnovodstvo no. 6:32-41 Je '56.

KAZAKHSTAN—ECONOMIC CONDITIONS

The economic-organizational and cultural-educational activity of the Soviet state in Kazakhstan during the struggle for the socialist industrialization of the country (1926-1929). M. A. Binder. Trudy Sekt. filos. i prava AN Kazakh. SSR 1:3-47 '56.

Today and tomorrow of Kazakhstan. O. Dibrova. Zmina no. 7:6-7 Jl '56.

KAZAKHSTAN—ECONOMICS—STUDY AND TEACHING

Experience in economic education of personnel. L. Pletneva. Komm. Kazakh. 26 no. 8:25-29 Ag '56.

KAZAKHSTAN—EXCAVATIONS (ARCHAEOLOGY)

Archaeological explorations in Western Kazakhstan. I. V. Sinitsyn. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:87-139 '56.

Report on the work of the Western Kazakhstan Archeological Expedition of 1953. T. N. Senigova. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:140-156 '56.

KAZAKHSTAN—FEEDING AND FEEDING STUFFS

Some characteristics of the feeds of Kazakhstan and their effect on the productivity of animals. P. N. Korshakov. Zhivotnovodstvo no. 6:60-63 Je '56.

KAZAKHSTAN—FERULA

Pharmacology of the preparations of Ferula pseudoconeelinum L. roots. O. D. Dzhumazhanov. Trudy Inst. fiziol. AN Kazakh. SSR 1:42-67 '56.

KAZAKHSTAN—FRAXINELLA

Pharmacology of the preparations of Dictamnus Turcestanicus Wint. growing in Kazakhstan. F. D. Dzhumagalieva. Trudy Inst. fiziol. AN Kazakh. SSR 1:23-41 '56.

Producing keratitis and conjunctivitis in dogs by introducing preparations of Dictamnus Turcestanicus Wint. growing in Kazakhstan. I. I. Sivertsev, F. D. Dzhumagalieva. Trudy Inst. fiziol. AN Kazakh. SSR 1:13-22 '56.

KAZAKHSTAN—GEESE

New findings on the migration of red-breasted geese. V. Antipin. Okh. i okh. khoz. no. 7:58 Jl '56.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Some features of Mesozoic volcanic activity in Northern Kazakhstan with reference to its possible diamond capacity. P. G. Koreisho. Vest. AN Kazakh. SSR 12 no. 7: 26-33 Jl '56.

KAZAKHSTAN—GRAIN—HARVESTING

Harvest is at its height. M. Kukhtarev. Ogonek 34 no. 33:5 Ag '56.

KAZAKHSTAN—GRANITE

Chemical characteristics of granite crystallization in the main intrusion of the Kalba Range. L. V. Dmitriev. Geokhimiia no. 3:50-64 '56.

KAZAKHSTAN—HARVESTING

We obtained a high crop yield, let's harvest it on time and without losses. Ogonek 34 no. 32:6-7 Ag '56.

KAZAKHSTAN—HISTORY—SOURCES

Arbitrary quotation of archive materials. A. Bagetaniaev, S. Beisenov. Komm. Kazakh. 26 no. 8:55-57 Ag '56.

KAZAKHSTAN—HORSEFLIES

Shevchenko, V. V. [Guide to the horseflies of Kazakhstan] Opredelitel' slepnei Kazakhstana. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 102 p. (CU)

KAZAKHSTAN—INDUSTRIES

More about supply agencies. V. Kunin. Komm. Kazakh. 26 no. 6:57-58 Ag '56.

KAZAKHSTAN—KARAKUL SHEEP

Republic conference of the sheep breeders of Kazakhstan. Kar. i zver. 9 no. 4:62-63 Jl-Ag '56.

KAZAKHSTAN—LAND TENURE—LAW

Characteristics of land and water legislation in Kazakhstan at the end of the 19th century, and beginning of the 20th. S. Barsalov, A. Erenov. Trudy Sekt. filos. i prava AN Kazakh. SSR 1:78-88 '56.

KAZAKHSTAN—LAW—HISTORY AND CRITICISM

Some questions for discussion connected with the writing of an "Outline history of the state and law in Soviet Kazakhstan." M. A. Binder. Vest. AN Kazakh. SSR 12 no. 7:75-85 Jl '56.

KAZAKHSTAN—MEDICINE, RURAL

Medical service for the rural population. Komm. Kazakh. 26 no. 8:40-42 Ag '56.

KAZAKHSTAN—MINES AND MINERAL RESOURCES

Mineral resources of Kazakhstan. Geog. v shkole 19 no. 3:62 My-Je '56.

KAZAKHSTAN—NONFERROUS METALS—METALLURGY

Technical progress in nonferrous metallurgy in Kazakhstan. T. Gankevich. Komm. Kazakh. 26 no. 8:9-13 Ag '56.

KAZAKHSTAN—PASTURES AND MEADOWS

Pasture rotations for semideserts of the Volga-Ural interfluve. I. V. Larin, T. K. Gordeeva. Zhivotnovodstvo no. 6:66-68 Je '56.

KAZAKHSTAN—POLITICS AND GOVERNMENT

The economic-organizational and cultural-education activity of the Soviet state in Kazakhstan during the struggle for the socialist industrialization of the country (1926-1929). M. A. Binder. Trudy Sekt. filos. i prava AN Kazakh. SSR 1:3-47 '56.

KAZAKHSTAN—RESEARCH

Basic results of the scientific activity of the Academy of Sciences during the fifth five-year plan and the plan for scholarly work during the period 1956-1960. Sh. Ch. Chokin. Vest. AN Kazakh. SSR 12 no. 7:3-25 Jl '56.

In the Academy of Sciences of the Kazakh S. S. R. Vest. AN Kazakh. SSR 12 no. 7:112 Jl '56.

KAZAKHSTAN—RYE

Growing winter rye in southeastern Kazakhstan. P. A. Saitukov, A. V. Kashirina. Zemledelie 4 no. 7:82-84 Jl '56.

KAZAKHSTAN—SEED POTATOES

Growing seed potatoes in the Kazakh S. S. R. S. G. Rauz. Kartofel' no. 2:55-56 My-Je '56.

KAZAKHSTAN—SHEEP

Develop in every way possible the breeding of fine-fleeced and semifine-fleeced sheep on the state farms of the Kazakh S. S. R. P. A. Rudenko. Ovtsevodstvo no. 7:3-7 Jl '56.

Let's raise the wool production of fine-fleeced Kazakh sheep. A. E. Elemanov and others. Ovtsevodstvo no. 7:8-16 Jl '56.

KAZAKHSTAN—SHEEP—DISEASES AND PESTS

Feather grass disease in sheep in Kazakhstan. B. D. Kudriavtsev. Veterinariia 33 no. 8:32 Ag '56.

KAZAKHSTAN—SHEEP—FEEDING AND FERDING STUFFS

Experiment in organizing summer feeding of sheep in the regions of reclaimed virgin lands. M. A. Kormanovskaia, A. IA. Bankov. Zhivotnovodstvo no. 6:63-66 Je '56.

KAZAKHSTAN—SHEEP BREEDING

Increase production and lower the costs of sheep breeding on state farms of Kazakhstan. N. A. Vasil'ev. Sovkhoz. proizv. no. 8:15-21 Ag '56.

KAZAKHSTAN—SNOW

Sowing buffer strips for the retention of snow on the virgin lands of Kazakhstan. S. Sdobnikov. Kolkh. proizv. 16 no. 5:42 My '56.

KAZAKHSTAN—SOVIET

Kazakh rural and village Soviets during the period of intensive collectivization (1930-1934). M. I. Imashov. Trudy Sekt. filos. i prava AN Kazakh. SSR 1:48-77 '56.

KAZAKHSTAN—STONE IMPLEMENTS

Archaeological memorials in Central Kazakhstan. S. V. Lopatin. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:265-266 '56.

KAZAKHSTAN—SUGAR BEETS

"Sugar-beet cultivation practices on progressive farms of Central Asia and Kazakhstan." G. I. Gokhar'-Kharmedar'ian. Reviewed by I. M. Vitavskii. Sakh. svekl. no. 5:46-47 Jl '56.

KAZAKHSTAN—TEA

Tea cultivation in Kazakhstan. A. V. Paravian. Izv. AN Kazakh. SSR. Ser. osv. pust. no. 2:3-32 '51.

KAZAKHSTAN—TERRACING

Mechanized terracing on mountain slopes in Central Asia and southern Kazakhstan. F. K. Kocherga, IU. M. Serikov. Les. khoz. 9 no. 6:52-59 Je '56.

KAZAKHSTAN—WATER—LAWS AND LEGISLATION

Characteristics of land and water legislation in Kazakhstan at the end of the 19th century, and beginning of the 20th. S. Barsalov, A. Erenov. Trudy Sekt. filos. i prava AN Kazakh. SSR 1:73-88 '56.

KAZAKHSTAN—WATER, UNDERGROUND

Subsoil waters in the plains of northeastern Kazakhstan as the most available source of a water supply for new state farms. N. M. Vladimirov. Vest. AN Kazakh. SSR 12 no. 7:60-74 Jl '56.

KAZAKHSTAN—WATER SUPPLY, RURAL

Pasture water supply in the semidesert and desert zones of Kazakhstan. N. I. Litavr, A. P. Makarov. Zhivotnovodstvo no. 6:16-23 Je '56.

KAZAN—ECONOMICS

N. I. Lobachevskii and the Kazan Economics Society. D. S. Gutman. Ist.-mat. issl. no. 9-77-100 '56.

KAZAN—HARES

Hybrids of the common hare (Lepus europaeus Pall.) and the blue hare (L. timidus L.) in the Kazan zoo. N. D. Grigor'ev. Zool. zhur. 35 no. 7:1099-1100 Jl '56.

KAZANSKII, NIKOLAI ALEKSEEVICH, 1901-1956

In memory of forester N. A. Kazanskii. V. G. Nesterov and others. Les. khoz. 9 no. 6:59 Je '56.

KAZANSKOYE DISTRICT—AMATEUR ART ACTIVITIES

Amateur art activities of a machine-tractor station. V. Ashavskii. Kult.-prosv. rab. 17 no. 7:24-25 Jl '56.

KAZBEK—EARTHQUAKES

Earthquakes in the vicinity of Kazbek and elastic tides. G. P. Tamrazian. Izv. AN SSSR. Ser. geofiz. no. 7:940-943 '56.

KEL'MENTSY DISTRICT

New finds from excavations at the Molodova 5 site on the Dniester. A. P. Chernysh. Krat. soob. IIMK no. 63:150-152 '56.

KEL'MENTSY DISTRICT—ANTIQUITIES

New finds from excavations at the Molodova 5 site on the Dniester. A. P. Chernysh. Krat. soob. IIMK no. 63:150-152 '56.

KEMEROVO—COMMUNITY CENTERS

Our correspondence. Klub 5 no. 5:10 My '56.

KEMEROVO—DAY NURSERIES

Work of the assistance council in nursery schools in Kemerovo. E. F. Kurilova. Pediatriia 39 no. 3:75-77 My-Je '56.

KEMEROVO DISTRICT—SILVER MINES AND MINING—HISTORY

The Koshtak mine. I. Zykov. Sib. ogni 35 no. 3:130-132 My-Je '56.

KENYA—SOCIAL CONDITIONS

Kenya under the yoke of colonialism ("The people of Kenya speak." Mbiyu Koinange. Translated from the English. Reviewed by V. Mariani). Mezhdunar. zhizn' no. 8:148-150 Ag '56.

KETONES

$\beta$-aminovinyl ketones. Part 5. Alkylation of $\beta$-dialkylaminovinyl ketones. New synthesis of oxymethylene ketones. N. K. Kochetkov, M. G. Ivanova, A. N. Nesmeianov. Izv. AN SSSR. Otd. khim. nauk no. 6:676-680 Je '56.

Irregular reaction of $\alpha$-halo ketones with esters of phosphorous acid. Part 3. Reaction of $\alpha$, $\alpha$- and $\alpha$, $\chi$-dihalo ketones with triethylphosphite. A. N. Pudovik, L. G. Salekhova. Zhur. ob. khim. 26 no. 5:1431-1436 My '56.

Synthesis of polycyclic compounds related to steroids. Part 35. Condensation of cyclic allyl halo derivatives with cyclic 2-methyl-1,3-diketones and intramolecular cyclization of resulting compounds into ketones with hydrogenated skeletons of phenathrene, chrysene, and cyclopentanophenathrene containing an angular methyl group. I. N. Nazarov, and others. Zhur. ob. khim. 26 no. 5:1462-1495 My '56.

KHABADZE, Z.

Twenty-years behind the wheel without a breakdown. Avt. transp. 34 no. 6:34 Je '56.

KHABAROVSK—AUTHORS

Literary chronicle. Dal'. Vost. 24 no. 2:192 Mr-Ap '56.

KHABAROVSK—CARGO HANDLING

Potentialities still to be used for speeding up cargo handling in ports. M. F. Antonov, N. S. TSurkov. Rech. transp. 15 no. 6:19-21 Je '56.

KHABAROVSK TERRITORY—BANKS AND BANKING

Effectiveness of bank control. I. Popov. Den. i kred. 14 no. 8:35-37 Ag '56.

KHABAROVSK TERRITORY—INDUSTRIAL MANAGEMENT

Effectiveness of bank control. I. Popov. Den. i kred. 14 no. 8:35-37 Ag '56.

KHACHATURIAN, ARAM IL'ICH, 1904-

Martynov, I. Aram Khachaturian. Moskva, Muzfond SSSR, 1956. 67 p.

KHAKASS AUTONOMOUS PROVINCE—COLLECTIVE FARMS

Glorious anniversaries. Druzh. nar. no. 6:140-141 Je '56.

KHAKASS POETRY—HISTORY AND CRITICISM

"Khakass poetry"; translations. Reviewed by E. Levontin. Druzh. nar. no. 8:178-180 Ag '56.

KHANLAR DISTRICT—PHYSICAL EDUCATION AND TRAINING

What helps us. Dalia Zhak. Mol. kolkh. 23 no. 6:27 Je '56.

KHARKOV—BIOCHEMISTRY

Scientific sessions of the Kharkov branch of the Ukrainian Society of Physiologists, Biochemists, and Pharmacists, in 1949. Ukr. biokhim. zhur. 22 no. 2:231-234 '50.

KHARKOV—CHURCHES, ORTHODOX EASTERN

Cathedral of the Assumption (Blagoveshchenskii) in Kharkov. Archbishop Stefan. Zhur. Mosk. Patr. no. 5:9-12 My '56.

KHARKOV—COKE INDUSTRY—EQUIPMENT AND SUPPLY

Use of pipe furnaces in benzol plants. S. N. Lazorin, I. S. Soldatenko. Koks i khim. no. 4:49-52 '56.

KHARKOV—CONCERTS

Kharkov. Sov. mus. 20 no. 7:112 Jl '56.

KHARKOV—ELECTRIC INDUSTRIES

Speaking stand. N. Prokopchenko. Klub 5 no. 5:13 My '56.

KHARKOV—HISTORY

News from the republics; a review of newspapers. Druzh. nar. no. 7:124-128 Jl '56.

KHARKOV—MATHEMATICS

Kharkov Mathematical Society during the first 75 years of its existence, 1879-1954. M. N. Marchevskii. Ist.-mat. issl. no. 9:613-660 '56.

KHARKOV—PHYSICAL EDUCATION AND TRAINING

The school of athletics; a photosketch. A. Syrovats'kyi, B. Bilotserkovs'kyi. Pioneriia 33 no. 6:30 Je '56.

KHARKOV PROVINCE—AGRICULTURAL MACHINERY

Mechanization of work in greenhouses. IA. B. Vainroikh. Mekh. sil'. hosp. 7 no. 9:15-17 S '56.

KHARKOV PROVINCE—AMATEUR ART ACTIVITIES

Students help clubs. V. Martus'. Sots. kul't. 9 no. 6:20 Je '56.

KHARKOV PROVINCE—GREENHOUSES

Mechanization of work in greenhouses. IA. B. Vainroikh. Mekh. sil'. hosp. 7 no. 9:15-17 S '56.

KHARKOV PROVINCE—TECHNICAL EDUCATION

Strengthen organizational work by departments of public education. M. F. Bolko. Rad. shk. 35 no. 5:11-20 My '56.

KHASAVYURT DISTRICT—MACHINE-TRACTOR STATIONS

Educational work among machine operators. V. Salikhov. MTS 16 no. 5:15-17 My '56.

KHERSON—SHIPBUILDING

Kherson shipbuilding yard is 150 years old. E. E. Pisarenko. Rech. transp. 15 no. 7:26-28 Jl '56.

KHERSON PROVINCE—HARVESTING

What is the best way to harvest grain? Mol. kolkh. 23 no. 7:18-19 Jl '56.

KHIBINY MOUNTAINS—EARTHQUAKES

Earthquake in the Khibiny Mountains. G. D. Panasenko. Priroda 45 no. 7:110-111 Jl '56.

KHITRIN, ANDREI NESTEROVICH, 1817-1880

A. N. Khitrin. V. G. Plenkov. Trudy Inst. ist. est. i tekh. 8:251-252 '56.

KHMEL'NITSKIY PROVINCE—HYDROELECTRIC POWER

Power of small rivers. Ukraina no. 14:16 Jl '56.

KHMEL'NITSKIY PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

The leading team. I. Fleishman. Raspr. pech. no. 7:13 Jl '56.

KHOMUTOVSKAYA STEPPE PRESERVE—BOTANY

Khomutovskaya Steppe Preserve. P. O. Hryn'. Ukr. bot. zhur. 13 no. 2:16-30 '56.

KHOSTA—MINERAL WATERS, SULFUROUS

Treating cardiosclerosis at the Khosta health resort. P. A. Kharitonov. Voen.-med. zhur. no. 6:45-49 Je '56.

Treating dystrophic (benign) polyarthritis at the Khosta sanatorium. M. N. Sitkin. Voen.-med. zhur. no. 5:55-60 My '56.

KHRUSHCHOV, MIKHAIL MIKHAILOVICH, 1890-

Scientific activity of Professor M. M. Khrushchov. E. A. Chudakov, I. A. Oding. Tren. i izn. mash. no. 7:3-7 '53.

KHRUSHCHOV, MIKHAIL MIKHAILOVICH, 1890- —BIBLIOGRAPHY see Bibliography—Khrushchov, Mikhail Mikhailovich, 1890-

KHUST—TEXTILE FABRICS

Khust velours. V. Brun'ko. Ukraina no. 15:30 Ag '56.

KHVYL'OVYI, MYKOLA, 1893-1933

Zadorsnian'skyi, R. [What Mykola Khvyl'ovyi gave us] Shcho nam dav Mykola Khvyl'ovyi. [n. p.] Ukrains'ka krytychna dumka, 1955. 110 p.
(NN)

KHYZHNIAK, ANTON

New edition of "Danylo Halyts'kyi" ("Danylo Halyts'kyi"; a novel. Anton Khyzhniak. Reviewed by Vasyl' Lyzenko). Vitchyzna 24 no. 8:185-188 Ag '56.

KIANGSI PROVINCE—COAL MINES AND MINING

Trip to the Anydan mines. Chu P'ei-chun. Nar. Kit. no. 12:18-27 Je '56.

KIDNEYS

Kidney function in burns. IU. A. Didenko. Khirurgiia no. 6:12-17 My '56.

Micromorphological changes in kidneys following bilateral vagotomy. L. I. Akhmetoli, G. A. Gzirishvili. Soob. AN Gruz. SSR 17 no. 6:451-454 '56.

Osmoregulatory function of kidneys in infants during their first year of life. E. A. Zarianova. Vop. okh. mat. i det. 1 no. 3:36-40 My-Je '56.

Renin content in human kidneys following death from hypertension and in rabbits with experimental hypertension induced by coarctation and with cholesterine atherosclerosis. IU. D. Vadkovskaia. Biul. eksp. biol. med. 41 no. 6:23-27 Je '56.

KIDNEYS—BLOOD SUPPLY
Effect of narcotics on renal circulation in healthy dogs and in dogs with experimental hypertension. Z. T. Samoilova. Biul. eksp. biol. med. 41 no. 6:45-48 Je '56.

KIDNEYS—DISEASES
Case of acute nephritis treated by penicillin. M. A. Marchenko, T. P. Skvortsova. Voen.-med. zhur. no. 5:45 My '56.
Clinical and epidemiological characteristic of a natural reservoir with two infections. B. L. Ugriumov, N. N. Solomin. Voen.-med. zhur. no. 4:54-59 Ap '56.
"Improvement in kidney function in late toxicosis of pregnancy by treatment with male sexual hormones" (Arch f. Gynaekologie no. 186:107-188 '55). H. W. Roschann. Abstracted by E. Vikhlineva. Akush. i gin. 32 no. 3:86-87 My-Je '56.
Nitrogen metabolism in experimental nephritis. S. F. Epshtein. Ukr. biokhim. zhur. 23 no. 4:407-417 '51.

KIDNEYS, ARTIFICIAL
Artificial kidney. V. M. Sviatukhin. Nauka i zhizn' 23 no. 6:56 Je '56.

KIESELGUHR see subdivision under Volsk

KIEV—AGRICULTURE—STUDY AND TEACHING
In cooperation with practice. P. Pshenichnyi. Kolkh. proizv. 16 no. 6:20 Je '56.

KIEV—AMATEUR ART ACTIVITIES
Brilliant concert. V. Kotil'ov. Sots. kul't. 9 no. 6:23 Je '56.

KIEV—ART—STUDY AND TEACHING
Kiev school of painting. IU. Turchenko. Ukraina no. 15: 17 Ag '56.

KIEV—ATHLETICS
Well done! Zmina no. 5:22-23 My '56.

KIEV—AUTOMOBILES—REPAIRING
Efficiency innovators of the auto repair industry. N. Bondar'. Avt. transp. 34 no. 6:35 My '56.

KIEV—AUTOMOBILES—STUDY AND TEACHING
Automobile education combine aids the polytechnical training of school students. G. Maigur. Avt. transp. 34 no. 5:35 My '56.

KIEV—BIOCHEMISTRY
Scientific sessions of the Kiev branch of the Ukrainian Society of Physiologists, Biochemists, and Pharmacists, in 1949. Ukr. biokhim. zhur. 22 no. 2:229-231 '50.

KIEV—BOOKSELLERS AND BOOKSELLING
Method for studying unsatisfied demand. M. Shmel'kin. Sov. knizh. torg. no. 7:16 Jl '56.

KIEV—BOTANICAL GARDENS
The Kiev botanical garden. I. P. Belokon'. Priroda 45 no. 8:51-54 Ag '56.
The tropics in Kiev. Ukraina no. 12:15 Je '56.

KIEV—CHURCHES
Cathedral of St. Sophia in Kiev. Valentina Antonova. V zashch. mira no. 62/63:126-131 Jl-Ag '56.

KIEV—COMMUNIST YOUTH LEAGUE
We must remember this. S. Levashova. Mol. komm. 14 no. 7:76-77 Jl '56.

KIEV—CONCERTS
Kiev. Sov. muz. 20 no. 7:112 Jl '56.

KIEV—CONSTRUCTION INDUSTRY
At a construction industry combine. A. Zhukov, G. Abramov. Sov. Ukr. 6 no. 7:183-185 Jl '56.

KIEV—DESCRIPTION
Kiev today. M. Rudenko. Neva no. 8:125-126 Ag '56.
News on Nahirna street. S. Bohdanovych. Ukraina no. 14:14-15 Jl '56.

KIEV—HAIRDRESSING
At the hairdresser's. Ostap Vishnia. Sov. Soiuz no. 4:32 Ap '56.

KIEV—HOME AND SCHOOL
Friendship between school and home. M. M. Shapoval. Rad. shk. 35 no. 7:31-37 Jl '56.

KIEV—MANUFACTURES
Efforts to increase production and improve the quality of consumers' goods. M. Sinitsa. Komm. Ukr. 30 no. 10:55-63 O '54.

KIEV—MEDICAL COLLEGES
Scientific consultation work at a medical institute. M. M. Bass. Sov. zdrav. 15 no. 4:15-18 Jl-Ag '56.

KIEV—MOTION-PICTURE INDUSTRY
A day at a motion-picture studio. R. Tereshchenko. Ukraina no. 14:26-27 Jl '56.

KIEV—MOTION PICTURES
Creative conference at the Kiev Motion Picture Studio. Isk. kino no. 6:120 Je '56.

KIEV—REINFORCED CONCRETE CONSTRUCTION
Experience erecting an administrative building in Kiev. V. M. Kolesnikov. Nov. tekh. i pered. op. v stroi. 16 no. 7:18-22 Jl '56.

KIEV—RESTAURANTS, LUNCHROOMS, ETC.
For a better service. Ukraina no. 11:24 Je '56.
Trying to find a lunchroom. IA. Gen. Sov. Ukr. 6 no. 7:190 Jl '56.

KIEV—SCHOOL GARDENS
The bed in our garden. V. Tarnova'ka. Doshk. vykh. 17 no. 6:31-32 Je '56.

KIEV—SOCCER
We are starting the broadcast. Oleksii Makarenko. Zmina no. 5:23 My '56.

KIEV—TECHNICAL EDUCATION
Extracurricular work in mechanical drawing. M. Kovgan. Prof.-tekh. obr. 13 no. 6:28 Je '56.

KIEV—THEATER
Graduation performance. V. Pohrebniak. Zmina no. 7:19 Jl '56.
In two years; a letter from Kiev. E. Surkov. Teatr 17 no. 7:93-105 Jl '56.

KIEV—TRACK ATHLETICS
General rehearsal. Fizk. i sport 26 no. 7:10-11 '56.

KIEV PROVINCE—AGRICULTURE
Study the work experience of our Kiev friends. Mosk. kolkh. 5 no. 6:4 Je '56.

KIEV PROVINCE—BEACHES
On the Dnieper beach. N. Kozlovskii. Ogonek 34 no. 34: 28-29 Ag '56.

KIEV PROVINCE—BORERS (INSECTS)
The flatheaded borer is a pear-tree pest. M. P. Zakhar'evich. Sad i og. no. 6:59 Je '56.

KIEV PROVINCE—CONSTRUCTION INDUSTRY
Competition of rural builders of Moscow and Kiev Provinces. N. Novoselov. Sel'. stroi. 11 no. 5:8-9 My '56.

KIEV PROVINCE—CULTURE
Cultural progress in Kiev Province. Sots. kul't. 10 no. 8:22-23 Ag '56.

KIEV PROVINCE—FARM BUILDINGS
One can learn from Kiev Province. G. M. Alpatov. Mosk. kolkh. 5 no. 8:4-7 Ag '56.

KIEV PROVINCE—POULTRY—DISEASES AND PESTS
Helminthic fauna of domestic fowl in Kiev Province. L. F. Pashchenko. Trudy Inst. zool. AN URSR 3:43-53 '52.

KIKMET, NAZIM, 1902-
Akhmed Ryza's tragedy. A. Tverskoi. Smena 33 no. 12: 21 Je '56.

KILNS
Dmitrovich, A. D. [Increasing the productivity and economy of brick kilns and drying apparatus] Povyshenie proizvoditel'nosti i ekonomichnosti kirpicheobzhigatel'nykh pechei i iskusstvennykh sushilok. Minsk, Gos. izd-vo BSSR, 1956. 60 p.
Kilning brick clay having increased moisture. D. A. Shaposhnikov. Stroi. pred. neft. prom. 1 no. 3:23-24 My '56.
Reconstruction and repair of an 18-chamber ring kiln without stopping operation. I. A. Korzukov. Stroi. prom. 34 no. 7:36-37 Jl '56.
Using natural gas for firing bricks. M. M. Zhukov, T. K. Kravchenko. Stroi. pred. neft. prom. 1 no. 5:22-23 Jl '56.

KILNS, ROTARY
Kilns with conveyer calcinators put in operation at the Krivoy Rog cement mill. IU. N. Mikol'skii, A. M. Belevitskii, E. S. Vinshtein. TSement 22 no. 2:12-14 Mr-Ap '56.
Preventing the formation of cracks in rotary kiln recuperator funnels. S. N. Bystrov. TSement 22 no. 2:30 Mr-Ap '56.

KIM, IL-SONG, 1912-
People and events. Nov. vrem. 14 no. 28:31-32 Jl '56.

KIMRY DISTRICT—HUNTING AND FISHING CLUBS
Among Kimry hunters. N. Kozlov. Okh. i okh. khoz. no. 7:68 Jl '56.

KINDERGARTEN
(see also subdivision under Czechoslovakia; Moscow Province; Nikolayev; White Russia; Volsk District)
Answers to readers' questions. Doshk. vosp. 20 no. 8: 43-44 Ag '56.
Building kindergartens in the sixth five-year plan. V. A. Belikov. Doshk. vosp. 20 no. 7:31-32 Jl '56.
Familiarizing children with nature during the autumn. Doshk. vosp. 20 no. 8:39-43 Ag '56.
Guiding the educational staff's work in the kindergarten. V. Luklonova. Doshk. vykh. 17 no. 6:16-19 Je '56.
The ideological tempering of preschool workers is a guarantee of successful work. Doshk. vykh. 17 no. 7: 1-4 Jl '56.
Kozhevnikova, N. G. [Nutrition of children in the kindergarten; work practice of kindergarten no. 617 in Moscow] Pitanie detei v detskom sadu; iz opyta raboty detskogo sada no. 617 g. Moskvy. Moskva, Gos. uchebo-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1955. 197 p.
Letters to the editor. Doshk. vykh. 17 no. 7:45-47 Jl '56.
Letters to the editor. Doshk. vosp. 20 no. 7:44 Jl '56.
Organizing the work of a boarding-school group in a multiroom kindergarten. P. Tokar. Doshk. vykh. 17 no. 7:13-15 Jl '56.
Prepare kindergartens well and in time for a new year of work. Doshk. vosp. 20 no. 8:1-3 Ag '56.
Preparing older kindergarten children for school. A. I. Voskresenskaia. Doshk. vosp. 20 no. 7:33-35 Jl '56.
Round-the-clock groups. E. R. Ustiuzhaninova, O. I. Solov'eva. Doshk. vosp. 20 no. 8:14-18 Ag '56.
Sundays in the country. E. IU. Domurova. Dosk. vosp. 20 no. 7:40-42 Jl '56.
Work of the kindergarten director. V. Panchenko. Doshk. vykh. 17 no. 6:10-24 Je '56.
Work practice in education. E. A. Lebedeva. Doshk. vosp. 20 no. 8:18-27 Ag '56.
Work training in the kindergarten. O. A. Frolova. Doshk. vosp. 20 no. 8:4-13 Ag '56.
Work with an evening group. M. Kvasman. Doshk. vykh. 17 no. 7:16-19 Jl '56.
Work with children of varying ages. K. Slon'. Doshk. vykh. 17 no. 7:10-11 Jl '56.

KINDERGARTEN—MUSIC
The nature of musical activity under summer conditions. E. Pollakova. Doshk. vosp. 20 no. 7:28-30 Jl '56.

KINEMATICS
Graphic analysis of the motion of a straight round cylinder in a round cylindrical tube under the effect of variable-direction forces. L. P. Bushuev. Izv. AN SSSR. Otd. tekh. nauk no. 6:159-161 Je '56.

KINEMATICS OF MACHINERY see Machinery, Kinematics of

KINETIC THEORY OF LIQUIDS see Liquids, Kinetic theory of

KINETICS see Dynamics

KIRGHIZ LANGUAGE—NOUN
Dyikanov, Karboz. [The noun in the Kirghiz language] Imia sushchestvitel'noe v kirgizskom iazyke. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 103 p.

KIRGHIZ LANGUAGE—TENSE
Oruzbaeva, B. O. [Forms of the past tense in the Kirghiz language] Formy proshedshego vremeni v kirgizskom iazyke. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 60 p.

KIRGHIZISTAN—AGRICULTURE
An inspiring appeal of the party. Sel'khoz. Kirg. no. 4: 3-6 Ap '56.

KIRGHIZISTAN—ALFALFA
Alfalfa in dry-farming areas. M. IUrchenko. Sel'khoz. Kirg. no. 4:61-62 Ap '56.
Growing alfalfa in dry-farming areas. F. Loginov, M. Tovstik. Sel'khoz. Kirg. no. 4:27-31 Ap '56.

KIRGHIZISTAN—BIOLOGICAL RESEARCH
In the Department of Biological Sciences. Izv. AN Kir. SSR no. 2:113-114 '56.

KIRGHIZISTAN—BIOLOGY
In the Department of Biological Sciences. Izv. AN Kir. SSR no. 1:154 '55.

KIRGHIZISTAN—CHEMISTRY, TECHNICAL
What Kirghiz chemists are working on. Druzh. nar. no. 6:139 Je '56.

KIRGHIZISTAN—CHESS
Chess in Kirghizia. IU. Gurfinkel'. Shakh. v SSSR 33 no. 7:210 Jl '56.

KIRGHIZISTAN—CHURCH PROPERTY
Management of properties donated to the Church in Southern Kirghizia. S. I. Il'asov. Izv. AN Kir. SSR no. 1:147-151 '55.

KIRGHIZISTAN—COAL—ANALYSIS
Particularities of the chemical composition of petrographic varieties of coals mined in the Kirgiz SSR. G. V. Kharitonov, M. Usubakunov and V. P. Purikova. Izv. AN Kir. SSR no. 1:13-21 '55.

KIRGHIZISTAN—COPPER ORES
Genesis of copper-bearing sandstones found in Northern Kirghizia and Central Kazakhstan. V. M. Popov. Izv. AN Kir. SSR no. 2:33-43 '56.

KIRGHIZISTAN—CORN (MAIZE)

Problems of corn growing. L. Zonshtein. Sel'khoz. Kirg. no. 4:31-35 Ap '56.

KIRGHIZISTAN—COTTON GROWING

For further development of cottong growing in Kirghizia. I. Razzakov. Khlopkovodstvo 6 no. 7:5-10 Jl '56.

KIRGHIZISTAN—EARTHQUAKES

Rozova, E. A., and V. P. Grin. [Location of epicenters of earthquakes occurring in Kirghizistan] Raspolozhenie epitsentrov zemletriasenii, proishedshikh na territorii Kirgizii. [Frunze] Akademiia nauk Kirgizskoi SSR. [1955] 38 p.

KIRGHIZISTAN—FUR-BEARING ANIMALS

Akademiia nauk Kirgizskoi SSR, Frunze. Institut zoologii i parazitologii. [Acclimatization of fur-bearing animals in Kirghizistan] Akklimatizatsiia pushnykh zverei v Kirgizii; sbornik statei. Frunze, 1956. 129 p.

KIRGHIZISTAN—IRRIGATION

Work practice relative to the transition of the new irrigation system in Kugart Valley of the Kirghiz SSR. V. P. Protopopov, N. V. Gordienko. Gidr. i mel. 8 no. 7:3-11 Jl '56.

KIRGHIZISTAN—MINERAL INDUSTRIES

Surgal, V. T. [The history of mining in Kirghizistan] K istorii gornogo promysla v Kirgizii. Frunze, Izd-vo Kirgizskogo filiala Akademii nauk SSSR, 1951. 23 p.

KIRGHIZISTAN—MOLASSES—ANALYSIS

Chemical characteristics of the colloidal fractions of molasses (syrup) processed in the sugar plants of Kirghizia. M. B. Aimukhamedova. Izv. AN Kir. SSR no. 1:29-36 '55.

KIRGHIZISTAN—PASTURES AND MEADOWS

Ways of reclaiming land in Ak-say and Pokrovka uplands. A. Mamytov. Sel'khoz. Kirg. no. 4:47-50 Ap '56.

KIRGHIZISTAN—SALT

Ibragimov, A. Kh. [Stock salt resources of Kirghizistan] Resursy kormovol soli Kirgizii. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 15 p.

KIRGHIZISTAN—SCIENCE

In the Department of Natural and Technical Sciences. Izv. AN Kir. SSR no. 1:153-154 '55.

In the Department of Natural and Technical Sciences. Izv. AN Kir. SSR no. 2:113 '56.

KIRGHIZISTAN—SOCIAL SCIENCES

In the Department of Social Sciences. Izv. AN Kir. SSR no. 1:154 '55.

In the Department of Social Sciences. Izv. AN Kir. SSR no. 2:114 '56.

KIRGHIZISTAN—SPORTS

From Suiyukta to Frunze. D. Omurzakov. Fizk. i sport 26 no. 7:9 '56.

KIRGHIZISTAN—SUGAR INDUSTRY

Chemical characteristics of the colloidal fractions of molasses (syrup) processed in the sugar plants of Kirghizia. M. B. Aimukhamedova. Izv. AN Kir. SSR no. 1:29-36 '55.

KIRGHIZISTAN—TEACHING

"Educational lectures" in Kirghizistan. Sov. pedag. 20 no. 7:124-126 Jl '56.

KIROV—COMMUNIST YOUTH LEAGUE

Where there is no fire there is plenty of smoke; notes on Communist Youth League workers. M. Mudrov. Mol. komm. 14 no. 7:54-61 Jl '56.

KIROV—TOYS

Dymkovo toys. Sov. Soiuz no. 4:36 Ap '56.

KIROV DISTRICT (EAST KAZAKHSTAN PROVINCE)—STOCK AND STOCKBREEDING

Important methods for the propagation of progressive work practices. E. Khorkhorin. Komm. Kazakh. 26 no. 8:53-54 Ag '56.

KIROV PROVINCE—AMATEUR ART ACTIVITIES

Concern for the cultural needs of shareholders. I. Sirotin, K. Semenov. Kul't.-pros. rab. 17 no. 7:26-28 Jl '56.

KIROV PROVINCE—BUSTARDS

Bustard in the Kirov Province. P. V. Pleskii. Priroda 45 no. 7:116 Jl '56.

KIROV PROVINCE—HANDICRAFT

Fame of the Vyatka handicraft workers. I. Berezin. Prom. koop. no. 5:31-32 My '56.

KIROV PROVINCE—PLUM

The Opata cherry plum in Kirov Province. A. N. Rudnitskii. Sad i og. no. 7:63 Jl '56.

KIROV PROVINCE—SEED INDUSTRY

We are organizing production centers for common cabbage seeds. O. Selivanova. Sad i og. no. 6:23 Je '56.

KIROVABAD—METALLURGICAL PLANTS

A plant built by the entire country. Druzh. nar. no. 6: 137-138 Je '56.

KIROVOGRAD—COMMUNITY CENTERS

Our objectives. R. Loboda. Klub 6 no. 8:26 Ag '56.

KIROVOGRAD PROVINCE—FARM EQUIPMENT

Mechanized livestock farms. S. Luchkevich. MTS 16 no. 5:36-38 My '56.

KIROVOGRAD PROVINCE—GRAIN

Zaika, I.E. [Raising high yields of grain in Kirovograd Province] Vyrashchivanie vysokikh urozhaev zernovykh v Kirovogradskoi oblasti. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 22)

KIROVOGRAD PROVINCE—LIBRARIES

My practice in the acquisition of books for libraries. I. Kosova'ka. Sots. kul't. 10 no. 8:35 Ag '56.

KIROVOGRAD PROVINCE—MACHINE-TRACTOR STATIONS

Conditions are the same but results vary. S. Stepanov, IU. Leskov. MTS 16 no. 5:25-28 My '56.

KIROVOGRAD PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

The year's plan-to November 7. P. Torba. Raspr. pech. no. 7:19 Jl '56.

KISHINEV—ARCHAEOLOGY

We and the Scythians. Ivan Mel'nik. Sov. Soiuz no. 6: 34-35 Je '56.

KISHINEV—THEATER

"Synziana and Pepelia." Teatr 17 no. 6:141 Je '56.

KISLOVODSK—CLIMATE

Effect of the meteorological factors of Kislovodsk on atherosclerotic cardiosclerosis. I. A. Prokof'ev. Voen.-med. zhur. no. 5:51-54 My '56.

KITCHEN UTENSILS

Shatunov, B.N. [The manufacture of aluminumware] Proizvodstvo aliuminievoi posudy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 176 p.

KITCHENS

Kitchen equipment for apartments in standard plan buildings. I. V. Golverk, N. I. IAkker. Arkhit. i stroi. Len. no. 2:40-41 Je '56.

KIUKHEL'BEKER, VIL'GEL'M KARLOVICH, 1797-1846

"Estonian tale" by V. K. Kiukhel'beker. V. T. Adama. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:255-259 My-Je '56.

KIUNZEGESH, IURII, 1927-

"Poetry." IUrii Kiunzegesh. Reviewed by Gennadii Gor. Sib. ogni 35 no. 3:182 My-Je '56.

KLIUCHINA, PAVLO

The weapon of laughter ("Fables." Pavlo Kliuchina. Book review). Druzh. nar. no. 6:183 Je '56.

KLYAZMA VALLEY—SOILS—ANALYSIS

I. Needle for taking soil air specimens. II. $CO_2$, $O_2$ and $H_2$ content of soil air ground water in the Klyazma River Lowland [with German summary in insert]. M. T. IAstrebov. Pochvovedenie no. 4:89-96 Ap '56.

KNEE—DISEASES

Device for active exercise of the knee joint. B. F. Khasanov. Voen.-med. zhur. no. 6:86 Je '51.

KNIT GOODS INDUSTRY see subdivision under Gomel'

KNITTING

Gai-Gulina, M. S., and Z. S. Gai-Gulina. [Do your own knitting] Vlazhite sami. Moskva, KOIZ, 1956. 61 p.

KNOWLEDGE, THEORY OF

Concerning an article. V. P. Rozhin. Vest. Len. un. 11 no. 11:132-134 '56.

Lenin's conception of matter and its importance in combatting the idealistic theory of knowledge. L. I. Erichev. Vest. Len. un. 11 no. 11:41-53 '56.

KOBYSTAN—GAS, NATURAL—GEOLOGY

Petroleum and gas-bearing possibilities on northwestern Kobystan in the southeastern Caucasus. K. A. Ismailov. Dokl. AN Azerb. SSR 12 no. 5:325-328 '56.

KOBYSTAN—PETROLEUM GEOLOGY

Petroleum and gas-bearing possibilities on northwestern Kobystan in the southeastern Caucasus. K. A. Ismailov. Dokl. AN Azerb. SSR 12 no. 5:325-328 '56.

KOCHAROV, N.

Commander's exactingness. L. Gozalov. Grazhd. av. 13 no. 5:8-9 My '56.

KOCHARIAN, SUREN

Kocharian recites the Odyssey. V. Sukharevich. Ogonek 34 no. 25:23 Je '56.

KOK-SAGHYZ

Effect of organic and mineral fertilizers on the crop accumulation and yield of rubber of kok-saghyz. I. H. Vyval'ko. Dop. AN URSR no. 3:51-58 '49.

KOK-SAGHYZ—DISEASES AND PESTS see subdivision under Ukraine

KOKOREKIN, ALEKSEI ALEKSEEVICH, 1900-

An artist's renaissance. V. Klimashin. Ogonek 34 no. 26:16b-d Je '56.

KOKOVTSOV, MATVEI GRIGOR'EVICH, 1745-1793

M. G. Kokovtsov, the first Russian explorer of Africa [with English summary in insert]. M. O. Kosven. Sov. vostokoved. no. 2:91-95 '56.

KOLAS IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOLIASTRUK, NIKOLAI

Master of one's fate ("Fellow villagers." N. Koliastruk. Reviewed by M. Runt). Oktiabr' 33 no. 6:189-191 Je '56.

KOLKHOZES see Collective farms

KOLOMIETS', TAMARA

Clear voice of youth ("Anemones"; verse. Tamara Kolomiets'. Reviewed by Vasyl' Kolodii). Zhovten' 6 no. 7:115-117 Jl '56.

"On the threshold" ("Lilies of the valley." Tamara Kolomiets. Book review). Druzh. nar. no. 7:189 Jl '56.

KOLOMNA DISTRICT—AGRICULTURE

Assume and discharge the obligation. V. Konotop. Mosk. prop. 13 no. 5: 44-47 My '56.

KOLOMNA DISTRICT—IRRIGATION FARMING

Organizing irrigation on bottom lands. A. G. Likhachev. Mosk. kolkh. 5 no. 6:13-14 Je '56.

KOLOMYYA—NEWSPAPER AND PERIODICAL CIRCULATION

They do not work with newsmen. P. Valivakhin. Raspr. pech. no. 7:13 Jl '56.

KOLOSOV, ALEKSANDR KONSTANTINOVICH, 1900-

A. K. Kolosov; on his 70th birthday. P. M. Tikhodeev. Izm. tekh. no. 3:33 My-Je '56.

KOL'TSOV, MIKHAIL EFIMOVICH, 1898-

Correspondence between A. M. Gor'kii and M. E. Kol'tsov. Published by the A. M. Gor'kii archive. Novyi mir 32 no. 6:149-166 Je '56.

KOMAROV, VLADIMIR LEONT'EVICH, 1869-1945

Valuable document. I. Lupalo. Neva no. 7:191 Jl '56.

KOMI A. S. S. R.—HISTORY

Akademiia nauk SSSR, Komi filial, Syktyvkar. [Outline history of the Komi A. S. S. R.] Ocherki po istorii Komi ASSR. [Syktyvkar] Komi kn-vo.
Vol. 1. 1955. 350 p.

KOMI A. S. S. R.—MUSIC

In the Komi republic. Iv. Dzerzhinskii. Sov. muz. 20 no. 7:122-123 Jl '56.

KON-TIKI EKSPEDISJONEN, 1947

Amazing voyage ("Kon-Tiki; across the Pacific by raft." Thor Heyerdahl. Reviewed by E. M. Murzaev). Priroda 45 no. 8:118-121 Ag '56.

KONCHALOVSKII, PETR PETROVICH

Joy of creative work. A. Gastev. Ogonek 34 no. 30:27 Jl '56.

KONDAKOVA, SOF'IA

A pioneer leader who is an athlete. R. Andreeva. Vozhatyi 32 no. 8:32-33 Ag '56.

KONENKOV, SERGEI TIMOFEEVICH, 1874-

S. Konenkov. Sov. Soiuz no. 4:10-17 Ap '56.

KONKA VALLEY—CHLORITES

Some chlorites from the metamorphic complex of the Konka magnetic anomaly. V. D. Ladileva. Geol. zhur. 16 no. 2:54-60 '56.

KONOPNICKA, MARIA, 1842-1910

M. Konopnicka's works in translations into the Ukrainian ("Selected works." M. Konopnicka. Reviewed by Teoktyst Pachovs'kyi). Zhovten' 6 no. 7:102-106 Jl '56.

KONSTANTINOVKA—SMELTING

Determination of the weight of liquid steel in the ladle during pouring. A. P. Rogach, P. K. Tiunkova, A. S. Romanenko. Metallurg no. 2:38-39 F '56.

KOPALIN, IL'IA PETROVICH

Master of the documentary motion picture. Isk. kino no. 6:115-116 Je '56.

KOPSHTEIN, ARON, d. 1940

The image of a poet. Semen Tregub. Druzh. nar. no. 6:166-170 Je '56.

KORCHAGINA-ALAKSANDROVSKAIA, EKATERINA PAVLOVNA, 1874-

Unforgettable actress ("Ekaterina Pavlovna Korchagina-Aleksandrovskaia." Reviewed by Aleksandra Brushtein). Teatr 17 no. 6:120-124 Je '56.

KOREA—ART, BUDDHIST

Korean works of Buddhist art are sent to India. Nov. Kor. no. 6:41 Je '56.

KOREA—HISTORY
Thirtieth anniversary of the "events of June 10," Ch'oe Ch'ŏng-hwan. Nov. Kor. no. 6:34-35 Je '56.

KOREA—POLITICS AND GOVERNMENT
The U. S. violates the armistice agreement in Korea. Mezhdunar. zhizn' no. 7:114-115 Jl '56.

KOREA—RECONSTRUCTION
Volunteer Saturdays. Arkadii Perventsev. Nov. vrem. 14 no. 28:21-23 Jl '56.

KOREA, NORTH—AGRICULTURAL MACHINERY
Mechanization of agriculture. Nov. Kor. no. 6:41 Je '56.

KOREA, NORTH—AGRICULTURAL RESEARCH
Agricultural science in the Korean People's Democratic Republic. P. A. Krasnikov. Nauka i pered. op. v sel'khoz. no. 6:90-91 Je '56.

KOREA, NORTH—ARMY—DEMOBILIZATION
Declaration of the Korean People's Democratic Republic on decreasing the numerical strength of the armed forces of the Korean People's Army. Nov. Kor. no. 6: supplement I:1-2 Je '56.

KOREA, NORTH—BASKETBALL
Sports; Chinese basketball players visit Korea. Nov. Kor. no. 6:42 Je '56.

KOREA, NORTH—BRICK INDUSTRY
New brick and tile factory. Nov. Kor. no. 6:41 Je '56.

KOREA, NORTH—CHILDREN—CARE AND HYGIENE
In the arms of the motherland; international child protection day. Kim Un-yŏn, Hong Ki-sŏn. Nov. Kor. no. 6:27-29 Je '56.

KOREA, NORTH—COMMUNIST PARTY—CONGRESSES
Approved by the entire nation. Nov. Kor. no. 6:3-5 Je '56.
Documents of the expanded session of the Central Committee of the United Democratic Fatherland Front Party of Korea. Nov. Kor. no. 6:supplement:II10 Je '56.

KOREA, NORTH—ECONOMIC ASSISTANCE, RUSSIAN
Gifts from the Soviet Union. Nov. Kor. no. 6:40 Je '56.

KOREA, NORTH—ECONOMIC CONDITIONS
The Korean People's Democratic Republic on the way to the reconstruction and development of its national economy [with English summary in insert]. G. N. Bazhenov. Sov. vostokoved. no. 2:119-127 '56.

KOREA, NORTH—ECONOMIC POLICY
On the harmonious development of industry and agriculture Kim Han-Ju. Nov. Kor. no. 6:13-15 Je '56.

KOREA, NORTH—ELECTRIC POWER PLANTS
Electric power for irrigation installations. Nov. Kor. no. 6:41 Je '56.

KOREA, NORTH—ELECTRIC RAILROADS
Electrification of the Yangdok-Chongsong railroad section. Nov. Kor. no. 6:41 Je '56.

KOREA, NORTH—FERTILIZER INDUSTRY
Production of mineral fertilizers. Nov. Kor. no. 6:41 Je '56.

KOREA, NORTH—FOREIGN RELATIONS
The friendship of fraternal peoples. Mezhdunar. zhizn' no. 8:135-136 Ag '56.
The governments of the Soviet Union, Mongolia and Albania extend invitations. Nov. Kor. no. 6:40 Je '56.

KOREA, NORTH—FOREIGN RELATIONS—GERMANY, EAST
Signing of a protocol between the Korean People's Democratic Republic and the German Democratic Republic. Nov. Kor. no. 6:40 Je '56.

KOREA, NORTH—FOREIGN RELATIONS—RUSSIA
Joint Soviet-Korean communiqué. Nov. vrem. 14 no. 30:supplement Jl '56.

KOREA, NORTH—HISTORICAL SOCIETIES
National committee of historians of the Korean People's Democratic Republic is formed. Nov. Kor. no. 6:40 Je '56.

KOREA, NORTH—IRRIGATION
Victory of the transformers of nature. Pak Yŏn. Nov. Kor. no. 6:19-20 Je '56.

KOREA, NORTH—LABOR LAWS AND LEGISLATION
Tenth anniversary of the labor law. So Hwi. Nov. Kor. no. 6:16-17 Je '56.

KOREA, NORTH—MEDICINE
Medical workers of the Bulgarian Red Cross in Korea return home. Nov. Kor. no. 6:40 Je '56.

KOREA, NORTH—MOTION PICTURES
Czechoslovak film week held. Nov. Kor. no. 6:40-41 Je '56.

KOREA, NORTH—POLITICS AND GOVERNMENT
In the name of a rapid unification of the country. Nov. Kor. no. 6:5-7 Je '56.
[Korea is one] Koreia edina. [Pkhen'ian] Ministerstvo kul'tury i propagandy KNDR, 1955. 67 p.

KOREA, NORTH—RELATIONS (GENERAL) WITH CHINA
Agreement on cultural cooperation between the Korean People's Democratic Republic and the Chinese People's Republic. Nov. Kor. no. 6:41 Je '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Cultural cooperation between the Korean People's Democratic Republic and fraternal countries. Nov. Kor. no. 6:40 Je '56.
Indonesian trade union delegation and a representative of the New Zealand peace partisans visit Korea. Nov. Kor. no. 6:12 Je '56.

KOREA, NORTH—TECHNICAL EDUCATION
Development of secondary specialized education in the Korean People's Democratic Republic. V. N. Popov. Sred. spets. obr. no. 6:55-57 Je '56.

KOREA, NORTH—VACATIONS, EMPLOYEE
Ordinary people vacation here. Pak Sŏng-hi. Nov. Kor. no. 6:18 Je '56.

KOREA, SOUTH—ELECTIONS
What the "elections" in South Korea showed. Hong U-man. Nov. Kor. no. 6:25-26 Je '56.

KOREA, SOUTH—SOLDIERS
Soldiers of Syngman Rhee's army go over to the Korean People's Democratic Republic. Nov. Kor. no. 6:40 Je '56.

KOREAN ARCHITECTURE see Architecture, Korean

KOREAN LANGUAGE—VOWELS
Vowels of the Korean language [with English summary in insert]. L. R. Zinder. Sov. vostokoved. no. 3:91-103 '56.

KOREAN TALES see Tales, Korean

KOREAN WAR, 1950-1953
New victories in Korea. Nar. Kit. no. 9/10:43 My '51.
The U. S. A. is using bacteriological warfare. Nar. Kit. no. 9/10:43 My '51.

KOREAN WAR, 1950-1953—ARMISTICES
Declaration of the Ministry of Foreign Affairs of the Korean People's Democratic Republic. Nov. Kor. no. 6: supplement I:3-4 Je '56.
Effective measures for the peaceful solution of the Korean problem. Nov. Kor. no. 6:8-10 Je '56.

KORELICHI DISTRICT—COLLECTIVE FARMS
On the Svitsa's shores. Alena Vasilevich. Rab. i sial. 32 no. 6:2-3 Ag '56.

KORNISHIN, MIKHAIL DMITRIEVICH
Herdsman M. D. Kornishin. A. Smirnov. Kolkh. proizv. 16 no. 6:34 Je '56.

KOROBCHANSKII, IVAN EVSTAF'EVICH, 1895-1956
Ivan Evstaf'evich Korobchanskii; obituary. Koks i khim. no. 4:62 '56.

KOSHEIDA, ANATOLII
Verse by a naval officer ("I'm in love." A. Kosheida Reviewed by V. Azarov). Neva no. 7:178 Jl '56.

KOSTOPOL' (ROVNO PROVINCE)—BUILDINGS, PREFABRICATED
Here buildings are made. K. Zakaliuk. Ukraina no. 11: 9 Je '56.

KOSTROMA PROVINCE—LUMBERING—EQUIPMENT AND SUPPLIES
Efficiency measures at the Komsomolsk Logging Camp. E. V. Chupakhin, P. M. Bitaniuk. Les. prom. 34 no. 7: 15-16 Jl '56.

KOTEL'NIKOV, ALEKSANDR PETROVICH, 1865-1944
Aleksandr Petrovich Kotel'nikov. B. A. Rozenfel'd. Ist.-mat. issl. no. 9:317-400 '56.

KOTOVSKII, GRIGORII IVANOVICH, 1881-1925
G. I. Kotovskii; on the 75th anniversary of his birth. V. Rusanau. Belarus' 13 no. 6:10 Je '56.
A stand dedicated to a hero. V. Vasil'ev. Ogonek 34 no. 26:27 Je '56.

KOTSYLOVS'KYI, KYR IOSAFAT, 1876-1947
[In memory of Kyr Iosafat Kotsylovs'kyi, Bishop of Przemysl; recollections] Pamiati peremys'koho vladyky Kyr Iosafata Kotsylovs'koho; spomyn. Miunkhen, Vydvo "Khrystyians'kyi Holos," 1956. 47 p.

KOVAL', HRYHORII
Candid words about fidelity ("A word about fidelity"; verse. Hryhorii Koval'. Reviewed by Volodymyr Panchenko). Zhovten' 6 no. 7:114-115 Jl '56.

KOVAL'CHUK, EVDOKIIA BORISOVNA, 1881-1919
Evdokiia Koval'chuk. L. Grushetskaia. Sib. ogni 35 no. 3:142-146 My-Je '56.

KOVALENKO, OLEKSA VASYL'OVYCH
Translator of "Tale of Igor's expedition." V. Beliaiev. Ukraina no. 15:17 Ag '56.
Letters of I. Franko to O. Kovalenko. Iosyp Kurylenko. Dnipro 30 no. 8:99-101 Ag '56.

KOVALEV, VALENTIN
I tested the "TU-104." V. Kovalev. Kryl. rod. 7 no. 6: 2-3 Je '56.

KOZHEVNIKOV, VADIM MIKHAILOVICH, 1909-
A life striving for the future ("Meeting the dawn." Vadim Kozhevnikov. Reviewed by E. Knipovich). Novyi mir 32 no. 6:241-244 Je '56.
A people has attained happiness ("A thousand cattles." V. Kozhevnikov. Book review). Druzh. nar. no. 6: 186-187 Je '56.

KOZLOV, IVAN ANDREEVICH
A life for the people ("Life in the struggle." Ivan Kozlov. Reviewed by V. Skorobogatov). Sov. Ukr. 6 no. 7:173-174 Jl '56.

KRACHKOVSKII, IGANTII IULIANOVICH, 1883-1951
The publication of Academician I. IU. Krachkovskii's selected works [with English summary in insert]. Kh. I. Kil'berg. Sov. vostokoved. no. 2:163-166 '56.
Publication of I. IU. Krachkovskii's works ("Selected works" volume 1. Reviewed by V. B. Lutskii). Vest. AN SSSR 26 no. 6:141-143 Je '56.

KRAINKA—MINERAL WATERS
Reduction of Krainka spring water sulfates in hydrogen atmosphere. A. N. Buneev, L. P. Kharitonova. Trudy Lab. gidrogeol. probl. 1:121-131 '46.

KRAJEWSKI, JULIUSZ
In a Polish village. Ogonek 34 no. 30:3 of cover Jl '56.

KRAMARENKO, A.
A. Kramarenko as Protasov. Teatr 17 no. 7:150-157 Jl '56.

KRAMSKOI, IVAN NIKOLAEVICH, 1837-1887
V. V. Stasov on the publication of I. N. Kramskoi's letters and articles (1887-1888). N. F. Bel'chikov. Ist. arkh. no. 3:124-138 My-Je '56.

KRASHENINNIKOV, STEPAN PETROVICH, 1711-1755
S. P. Kracheninnikov and his pupil K. I. Shchepin. V. V. Kuprianov. Bot. zhur. 41 no. 4:592-596 Ap '56.

KRASNAYA KRUCHA—AXES
Discovery of a stone axe at the Nura River. L. F. Semenov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:263-264 '56.

KRASNODAR—CONSTRUCTION INDUSTRY
They work endlessly without results. P. Meshalkin. Klub 6 no. 8:27 Ag '56.

KRASNODAR—TRANSPORTATION, AUTOMOTIVE
Achievements of a leading automobile transport office. V. Berezovskii. Avt. transp. 34 no. 6:36 Je '56.
A leading automobile trust. Avt. transp. 34 no. 6:35 Je '56.

KRASNODAR TERRITORY—AGRICULTURE—STUDY AND TEACHING
House of rural culture. V. Matsepuro, M. Tiulenev. Kul't.-pros. rab. 17 no. 8:7-8 Ag '56.

KRASNODAR TERRITORY—APPLE
Practical testing of apple graft-stock in Krasnodar Territory. G. V. Trusevich. Sad i og. no. 7:30-43 Jl '56.

KRASNODAR TERRITORY—BOOKSELLERS AND BOOKSELLING
Readers' suggestions. Sov. knizh. torg. no. 7:25-26 Jl '56.

KRASNODAR TERRITORY—FEEDING AND FEEDING STUFFS
Local production of feeds. N. Pol'ko. Miasn. ind. SSSR 27 no. 3:38-40 '56.

KRASNODAR TERRITORY—HEALTH RESORTS, WATERING PLACES, ETC.
Using local health-resort resources in the Krasnodar Territory. G. A. Khabekhbashev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:70-71 Ja-Mr '56.

KRASNODAR TERRITORY—RAGWEED
Ragweed in Krasnodar Territory. Z. S. Kuvika. Zemledelie 4 no. 7:112-114 Jl '56.

KRASNODAR TERRITORY—TURKEYS
Turkey raising on collective farms of Krasnodar Territory. O. I. Koltunovich. Ptitsevodstvo 6 no. 6:7-11 Je '56.

KRASNOGRAD DISTRICT—PHYSICAL EDUCATION AND TRAINING
The first experience. O. Lushchan. Sots. kul't. 10 no. 8:36-38 Ag '56.

KRASNOKUTSKII, IAKOV TIMOFEEVICH, 1886-

Bookkeeper Krasnokutskii's three-hundred parts. Sov. Soiuz no. 6:28 Je '56.

KRASNOYARSK—INFANTS—CARE AND HYGIENE

Participation of the active members in the work of consolidated pediatric units. L. K. Gorbatova. Vop. okh. mat. i det. 1 no. 3:90-91 My-Je '56.

KRAVCHENKO, ALEKSEI IL'ICH, 1889-1940

An exhibition of A. I. Kravchenko's works. V. Gertsenberg. Iskusstvo 19 no. 3:35-38 '56.

KRAVCHINSKII, SERGAI MIKHAILOVICH, 1852-1895

Stepniak and Shaw. Ogonek 34 no. 30:14 Jl '56.

KREMENETS—ADULT EDUCATION

Meetings for questions and answers. P. IEmets'. Sots. kul't. 10 no. 8:13 Ag '56.

KRIUKOV, GEORGII GEORGIEVICH

Daily life of the chairman of a district executive committee. Boris Zubavin. Ogonek 25 no. 48:2 N '47.

KRIVOY ROG—CARBONATES (MINERALOGY)

Carbonates of the upper series of Krivoy Rog. D. I. Ishchenko. Geol. zhur. 16 no. 2:51-54 '56.

KRIVOY ROG—CEMENT INDUSTRIES

Kilns with conveyer calcinators put in operation at the Krivoy Rog cement mill. IU. N. Mikol'skii, A. M. Belevitskii, E. S. Vinshtein. TSement 22 no. 2:12-14 Mr-Ap '56.

KRIVOY ROG—INDUSTRIAL MANAGEMENT

Advanced experience in organizing work in the Krivoi Rog Basin Mine Construction Trust. A. P. Podlepa, B. I. Shkliar. Stroi. prom. 34 no. 6:2-5 Je '56.

KRIVOY ROG—IRON ORES

Origin of Krivoy Rog ores. IU. G. Gershoig. Min. sbor. no. 9:200-215 '55.

KRIVOY ROG—MINING ENGINEERING

Automatized installations in Krivoy Rog Basin mines. L. G. Zhivov. Gor. zhur. no. 7:19-25 Jl '56.

KRIVOY ROG BASIN—IORN ORES

Origin of "red" ores of the Krivoy Rog Basin. V. S. Fedorchenko. Min. sbor. no. 9:216-220 '55.

KRIVOY ROG REGION—DRAVITE

Chromium containing dravite of the Krivoy Rog region. A. G. Shenderova. Min. sbor. no. 9:324-326 '55.

KROLEVETS—FARM MECHANIZATION—STUDY AND TEACHING

Experience in training machinery operators. V. A. Cherniak, A. P. Semenets. Mekh. sil'. hosp. 7 no. 6: 24-25 Je '56.

KROPYVNYTS'KYI, MARKO LUKYCH, 1840-1910

[Marko Lukych Kropyvnyts'kyi; a collection of articles, reminiscences and papers] Marko Lukych Kropyvnyts'kyi; zbirnyk statei, spohadiv i materialiv. [Uporiadnyky: P. Dolina, P. Perepelytsia] Kyiv, Mystetstvo, 1955. 529 p.
(MH)

Playwright, composer, theatrical figure ("Marko Lukych Kropyvnyts'kyi"; a collection of articles. Reviewed by O. Kondratenko). Zmina no. 5:20 My '56.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

N. K. Krupskaia on children's games. Mariia Sheiko. Rad. zhin. 11 no. 7:24 Jl '56.

Pedagogical life of the capital. Nar. obr. no. 8:76-77 Ag '56.

Rudneva, E. I. [An outstanding Soviet pedagogue, N. K. Krupskaia; her pedagogical opinions and work up to 1917] Vydaiushchiisia sovetskii pedagog N. K. Krupskaia; pedagogicheskie vzgliady i deiatel'nost' do 1917 g. [Moskva] Izd-vo Moskovskogo univ., 1956. 25 p.

KRUSHEL'NYTS'KYI, MAR'IAN

Mar'ian Krushel'nyts'kyi. Mykola Bazilivs'kyi. Zhovten' 6 no. 7:87-93 Jl '56.

KRYLOV, ALEKSEI NIKOLAEVICH, 1863-1945

Academician A. N. Krylov's collected works. Reviewed by S. T. Luchininov. Vest. AN SSSR 26 no. 7:100-103 Jl '56.

KRYLOV, ALEKSEI NIKOLAEVICH, 1863-1945—BIBLIOGRAPHY see Bibliography—Krylov, Aleksei Nikolaevich, 1863-1945

KRYMOV, IURII SOLOMONOMICH, 1908-1941—BIBLIOGRAPHY see Bibliography—Krymov, IUrii Solomonovich, 1908-1941

KUBAN—CORN (MAIZE)

Postharvest seeding of corn in the Kuban. L. Shibakov. Kolkh. proizv. 16 no. 6:25 Je '56.

KUBAN—FIELD CROPS

Postharvest crops in the Kuban. V. V. Usenko. Zemledelie 4 no. 7:38-44 Jl '56.

KUBAN—RUSSIAN NEWSPAPERS

Good luck, friends. P. Podliashuk. Sov. pech. no. 7:36-38 Jl '56.

KUBAN—SUGAR BEETS

Improve the quality of sugar beets in Kuban. M. Z. Kholemskii. Sakh. svekl. no. 4:15-18 Je '56.

KUBAN—SWINE BREEDING

Girl friends. Mol. kolkh. 23 no. 6:13 Je '56.

KUBAN—VEGETABLE GARDENING

Let's grow more vegetables. M. I. Strukalin. Sad i og. no. 7:9-11 Jl '56.

KUBAN—WHEAT

Fertilizing winter wheat grown after sunflowers and corn. P. V. Drogalin, A. B. Glukhovskii. Zemledelie 4 no. 7:45-48 Jl '56.

KUBANEV, VASILII, 1920-1942

"Before sunrise." V. Kubanev. Reviewed by M. Zhokhov. Mol. kolkh. 23 no. 6:31 Je '56.

KUKUSHKIN, VASILII

Superficial sketch or traits of character ("Happiness knocks at the door." Vasilii Kukushkin. Reviewed by E. Zhilo). Neva no. 6:178 Je '56.

KULIASHOU, ARKADZ' ALIKSANDRAVICH, 1914-

Breath of a formidable forest ("The formidable forest." Arkadz' Kuliashou. Reviewed by A. Bachyla). Belarus' 13 no. 6:30 Je '56.

KULUNDA STEPPE—IRRIGATION FARMING

Make wider use of irrigation in central Kulunda. A. I. Snytko. Sad i og. no. 7:13-15 Jl '56.

KULUNDA STEPPE—SUGAR BEETS

Special problems of sugar beet cultivation in Kulunda. A. I. Snytko. Sakh. svekl. no. 4:21-24 Je '56.

KULYAB PROVINCE—AMATEUR THEATRICALS

Folk theatricals among the Tajiks in Kulyab Province. A. A. Semenov. Dokl. AN Tadzh. SSR no. 3:39-43 '52.

KULYAB PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Preliminary information on the works of the Khuttal' group in Kulyab Province in 1953. B. A. Litvinskii, E. A. Davidovich. Dokl. AN Tadzh. SSR no. 11:39-52 '54.

KUMISS

A technique for making kumiss from cow's milk. E. A. Tolmacheva. Vop. pit. 15 no. 4:45-47 Jl-Ag '56.

KUNANBAEV, ABAI, 1845-1904

Beisembiev, Kasym. [The philosophical views of Abai Kunanbaev] Mirovozzrenie Abai Kunanbaeva. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 170 p.

KUPALA, IANKA, pseud. see Lutsevich, Ivan Dominikovich, 1882-

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938

A few words on Kuprin. L. Borisov. Neva no. 6:162-164 Ag '56.

KURGANNAYA DISTRICT—HARVESTING

Harvest in the Kuban. V. Politakov. Ogonek 34 no. 28: 1-2 Jl '56.

KURILE ISLAND—FISHERIES

The Kurile Islands. Galina Shergova. Rabotnitsa 34 no. 7:7-8 Jl '56.

KURILE TRENCH

Relief of the Kurile-Kamchatka Trench. G. B. Udintsev. Biul. Sov. po seism. no. 2:35-42 '56.

KURILE TRENCH—GEOLOGY, STRUCTURAL

Earthquakes and characteristics of the tectonic structure of the Kurile-Kamchatka region. A. E. Sviatlovskii. Biul. Sov. po seism. no. 2:31-34 '56.

KURILE TRENCH—SEDIMENTATION AND DEPOSITION

Some problems of sedimentation in the Kurile-Kamchatka Trench. P. L. Bezrukov. Biul. Sov. po seism. no. 2:43-51 '56.

KURNAKOV, NIKOLAI SEMENOVICH, 1860-1941

In memory of Academician N. S. Kurnakov. A. A. Alent'ev, A. S. Plygunov. Ukr. khim. zhur. 17 no. 2:159-164 '51.

KUROCHKIN, VASILII STEPANOVICH, 1831-1875

V. S. Kurochkin. V. Afanas'ev. Lit. v shkole 17 no. 4: 75-77 Jl-Ag '56.

V. S. Kurochkin; on the 125th anniversary of his birth. S. Aleksandrovich. Belarus' 13 no. 8:30-31 Ag '56.

KURSHAKOV, NIKOLAI ALEKSANDROVICH, 1886-

N. A. Kurshakov, on his 70th birthday. Sov. med. 20 no. 6:88-89 Je '56.

KURSK PROVINCE—VEGETABLE GARDENING

Out of touch. K. F. Fedorenko. Sad i og. no. 6:17-18 Je '56.

KURYLO, OLENA, 1890-

Shevelkh, IUrii, pseud. Vsevolod Hantsov, Olena Kurylo. Winnipeg, Nakl. Ukr. narodn'ogo domu v Toronti, 1954. 74 p. (Ukrains'ka vil'na akademiia nauk. Serija: Ukrains'ki vcheni, pt. 5)

KUSHKO, IVAN

The second book ("Turning point"; a novel. Ivan Kushko. Reviewed by P. Markov). Sov. Ukr. 6 no. 7:174-175 Jl '56.

KUSTANAY PROVINCE—GRAIN

Over-all mechanization and reduction of the cost of grain production. G. A. Malekhon'kov. Sovkhoz. proizv. no. 7:8-13 Jl '56.

KUYBYSHEV—PACKING HOUSES

We are increasing the output of our meat combine. P. Nemkov. Miasn. ind. SSSR 27 no. 3:37 '56.

KUYBYSHEV HYDROELECTRIC POWER STATION

Changes in navigation on the Volga caused by the construction of Kuybyshev Hydroelectric Power Station. L. S. Kuskov. Rech. transp. 15 no. 7:22-23 Jl '56.

Filling the river channel dam of the Kuybyshev Hydroelectric Power Station. A. I. Ogurtsov. Gidr. stroi. 25 no. 6:5-8 Jl '56.

Mechanization of labor consuming work in building the Kuybyshev Hydroelectric Power Station. N. V. Razin. Mekh. stroi. 13 no. 7:3-7 Jl '56.

Sinking cofferdam piles in building the Kuybyshev Hydroelectric Power Station. M. I. Smorodinov. Gidr. stroi. 25 no. 6:9-12 Jl '56.

The switch is on! K. Lapin. Sov. Soiuz no. 7:10-11 Jl '56.

Using prestressed reinforced concrete at the Kuybyshev Hydroelectric Power Station. B. V. IAkubovskii. Gidr. stroi. 25 no. 4:1-6 My '56.

Using prestressed reinforced concrete elements in the Kuybyshev Hydraulic Power Project. B. V. IAkubovskii. Mekh. stroi. 13 no. 7:21-23 Jl '56.

KUYBYSHEV PROVINCE—CORN (MAIZE)

More about corn in Kuybyshev Province. S. R. Molchadskii, N. F. Gorbulin. Sel'khoz. Povol. no. 7:33-37 Jl '56.

KUYBYSHEV PROVINCE—PETROLEUM—ANALYSIS

Thermal stability of sulfur compounds in crude oils produced in the Kuibyshev Province. E. I. Skripnik, V. I. Isaguliants, I. K. Shtof. Khim. i tekh. topl. no. 5:1-8 My '56.

KUYBYSHEV PROVINCE—PROSPECTING

Geological results of the gas anlysis method in Kuybyshev Province. V. A. Lobov. Prikl. geofiz. no. 14:201-206 '56.

KUZ'MIN, N. V.

An illustrator's mastery ("The left-handed smith and the steel flea." N. S. Leskov. Illustrations and format by the artist N. V. Kuz'min. Reviewed by Bor. Efimov). Novyi mir 32 no. 7:258-259 Jl '56.

KUZNETSK—BLAST FURNACES

Automatic blast furnace. Al. Ozerskii. Ogonek 34 no. 37:21-22 S '56.

KUZNETSK BASIN—BORING

New technique for blasthole drilling. A. Kozel. Mast. ugl. 5 no. 7:12-13 Jl '56.

KUZNETSK BASIN—COAL GEOLOGY

Remarks on the angle of sloping in working thick pitching seams in the Kuznetsk Basin. P. M. Kovachevich. Ugol' 31 no. 7:16-19 Jl '56.

KUZNETSK BASIN—COAL MINERS

The miner's day. I. Bellakov. Mast. ugl. 5 no. 7:29 Jl '56.

KUZNETSK BASIN—HYDRAULIC MINING

Hydraulicking in open-pit mines of the Kuznetsk Basin. B. Kuindzhi. Mast. ugl. 5 no. 7:13-14 Jl '56.

KUZNETSK BASIN—MINE TIMBERING

Mechanized lumber yard. I. Tolstikhin. Mast. ugl. 5 no. 7:19-20 Jl '56.

KUZNETSOV, ANATOLII FEDOROVICH

Anatolii Fedorovich Kuznetsov. P. Kolesnik. Okh. i okh. khoz. no. 7:15-16 Jl '56.

KUZNETSOV, LEONID

To be a pilot is a great happiness! L. Kuznetsov. Kryl. rod. 7 no. 6:4-5 Je '56.

KZYL-ORDA DAM

On the Syr Darya. V. Birlukov. Nash. sovr. 2:269 '56.

KZYL-ORDA PROVINCE—SOILS—ANALYSIS

Work results of the Kzyl-Orda Research Base of the Academy of Sciences of the Kazakh S. S. R. V. M. Borovskii. Izv. AN Kazakh. SSR, Ser. osv. pust. no. 2:47-74 '51.

LABOR, RIGHT TO see Right to labor

LABOR AND LABORING CLASSES
(see also subdivision under Antioch; Argentina; China; France; Italy; Japan; Karelia; Orekhovo-Zruyevo; Peiping; Spain; United States; Voskresensk)

Akademiia nauk SSSR. Institut istorii. [Political and industrial gains of the working class of the Soviet Union (1926-1929); a collection of documents] Politicheskii i trudovoi pod"em rabochego klassa SSSR (1926-1929 gg); [sbornik dokumentov. Pod red. D. A. Baevskogo.] Moskva, Gos. izd-vo polit. lit-ry, 1956. 611 p.

Growing exploitation of workers in capitalist countries. Blok. agit. no. 27:40-46 S '56.

Has capitalism changed (conclusion)? IU. Zhilin. Nov. vrem. 14 no. 35:3-8 Ag '56.

In the ministries and departments. Sots. trud no. 7:97-91 Jl '56.

Letters to the editor. Sots. trud no. 7:102-103 Jl '56.

Road to life. B. Soskin. Smena 33 no. 13:14-16 Jl '56.

[The situation and struggle of the workers in capitalist countries] Polozhenie i bor'ba trudiashchikhsia v stranakh kapitala. Moskva, Gos. izd-vo polit. lit-ry, 1956. 358 p. (V pomoshch' izuchaiushchim politicheskuiu ekonomiiu)

This did not exist before. Lev Slavin. Ogonek 25 no. 48:16-16cl N '47.

With the graduation certificate - into the life of work (newspaper information). Rad. shk. 35 no. 7:62-63 Jl '56.

LABOR AND LABORING CLASSES—ACCIDENTS see subdivision under Great Britain

LABOR AND LABORING CLASSES—DWELLINGS
Providing loggers with prefabricated houses which they can put up themselves. N. IA. Borisov. Les. prom. 34 no. 8:16-17 Ag '56.

LABOR AND LABORING CLASSES—HISTORY see subdivision under Don Valley; Ukraine

LABOR AND LABORING CLASSES—MEDICAL CARE
Establish conditions favorable to creative activity. I. Pirogov. Sots. obesp. 17 no. 3:26-26 Mr '56.

Organizer of work procedure. V. Bogusiavskii, A. Moiseikin. Sots. obesp. 17 no. 3:22-24 Mr '56.

School of theory and practice. V. Solov'eva. Sots. obesp. 17 no. 3:27-28 Mr '56.

LABOR AND LABORING CLASSES—WAGES see Wages

LABOR COURTS
Judicial procedure for the settlement of labor disputes. L. A. Nikolaeva. Trudy Sekt. filos. i prava AN Kazakh. SSR 1:99-110 '56.

LABOR LAWS AND LEGISLATION
(see also subdivision under Czechoslovakia; Korea, North)

Changes in Soviet labor legislation and the 20th Congress of the Communist Party of the Soviet Union. IU. P. Mironenko. Obz. vazhn. sob. v SSSR 3 no. 91:25-32 My '56.

Juridicial problems in organizing the hiring of workers. P. Gureev. Mosk. kolkh. 6 no. 7:46-47 Jl '56.

The decree of April 25, 1956 and some aspects of labor law. A. Pashorstnik. Sots. trud no. 7:3-12 Jl '56.

Liability of officials for the unjustified dismissal of workers and employees. S. D. IAstrubetskii. Dop. ta pov. L'viv. un. no. 4, pt. 1:22-24 '53.

Relationship between copyright and labor law. B. S. Antimonov, E. A. Fleishits. Sov. gos. i pravo no. 5:48-57 '56.

The revocation of legal responsibility of workers and employees for unauthorized leaving the job and absence without sufficient cause. IU. P. Mironenko. Obz. vazhn. sob. v SSSR 3 no. 94:29-34 Je '56.

Working rights of invalids. V. V. Karavaev, IA. L. Kiselev. Sots. obesp. 17 no. 3:29-32 Mr '56.

LABOR PASSPORTS
Observe legislation on labor books strictly. A. Levshin. Sots. trud. no. 6:107-109 Je '56.

LABOR PRODUCTIVITY
(see also subdivision under Saratov)

Correct the methods of calculating labor productivity. I. Vol'per. Sots. trud no. 7:97-99 Jl '56.

Eliminating loss of workers' time. D. E. Sitkhina. Der. prom. 5 no. 6:17 Je '56.

For assimilation of technical norms by all workers. M. Marakhanov. Blok. agit. no. 26:1-8 S '56.

For greater development of labor productivity. Stroi. pred. neft. prom. 1 no. 5:1-2 Jl '56.

Happy New Year, comrades. Ogonek 26 no. 52:2-4 D '47.

Increase labor productivity on state farms in every possible way. I. Benediktov. Sovkhoz. proizv. no. 6: 3-18 Je '56.

Increasing the labor productivity on mechanized collective poultry farms. I. M. Sidorenko, A. S. Makarov. Pti'sevodstvo 6 no. 6:12-14 Ag '56.

Initiative of great significance for the national economy. Sots. trud no. 7:91-96 Jl '56.

Labor productivity in berry plantations. S. D. Prokof'ev. Mosk. kolkh. 6 no. 6:36-37 Ag '56.

Labor productivity in industry. A. Kuznetsov. Part. zhizn' no. 13:33-41 Jl '56.

Labor productivity statistics. V. Sobol'. Vest. stat. no. 2:38-47 Mr-Ap '56.

Lenin's ideas on increasing labor productivity. IA. Tikhomirov. Komm. Ukr. 31 no. 4:23-32 Ap '56.

Mochkovskii, G. I. [A rise in labor productivity is a requisite for the fulfillment of the sixth five-year plan] Pod"em proizvoditel'nosti truda - reshaiushchee uslovie vypolneniia plana shestoi piatiletki. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 31)

Method of calculating labor productivity in petroleum refinery. N. A. Galuzinskii. Neft. khoz. 34 no. 6:11-15 Je '56.

Methodological principles for comparing U.S.S.R. labor productivity with that of capitalist countries. Sots. trud. no. 6:20-25 Je '56.

Methods for calculating labor productivity on state farms. G. M. Volosenkov. Sovkhoz. proizv. no. 6:38-45 Je '56.

More production and lower costs. S. S. Leitan. Nauka i pered. op. v sel'khoz. no. 6:57-59 Je '56.

Problems in planning and accounting for labor productivity in agriculture. B. Braginskii. Plan. khoz. no. 3:56-68 '56.

A procedure requiring changes. V. Vadcev. Sots. trud no. 7:100 Jl '56.

Readers' comments on "Methods for the calculation of labor productivity on state farms." Sovkhoz. proizv. no. 7:31-35 Jl '56.

Readers' comments on "Methods for the calculation of labor productivity on state farms." Sovkhoz. proizv. no. 8:28-30 Ag '56.

Resources for the increase of labor productivity in ferrous metallurgy. D. Galkin. Sots. trud no. 7:40-47 Jl '56.

Using the workday to measure labor productivity on collective farms. M. Lola. Vop. ekon. no. 7:121-131 Jl '56.

LABOR PRODUCTIVITY—ACCOUNTING see Productivity accounting

LABOR PRODUCTIVITY—HISTORY see subdivision under White Russia

LABOR SUPPLY
Electrification and labor resources in Eastern Siberia. L. Semenov. Sots. trud no. 7:13-19 Jl '56.

LABORATORIES—APPARATUS AND SUPPLIES
Set for making simultaneous blood collections. E. E. Giller, S. I. Liluashvili. Voen.-med. zhur. no. 4:77 Ap '56.

LABORATORIES, AERONAUTICAL see Aeronautical laboratories

LABYRINTH (EAR)—DISEASES
Clinical evaluation of diseases of the inner ear according to their nomenclature. I. M. Rozenfel'd. Vest. oto-rin. 18 no. 4:37-44 Jl-Ag '56.

Problem of diagnosis and therapy in labyrinthitis. G. M. Komarovich. Vest. oto-rin. 18 no. 4:30-37 Jl-Ag '56.

LABYRINTH (EAR)—SURGERY
They hear again. V. Kurganov. Ogonek 34 no. 30:28 Jl '56.

LACQUER AND LACQUERING
Installation for lacquering furniture panels. P. A. Ivanov. Der. prom. 5 no. 7:21 Jl '56.

LACRYMAL ORGANS—SURGERY
Lagochilus as a styptic in dacryorhinocystotomy. M. IA. Samulevich. Voen.-med. zhur. no. 9:44 S '55.

LACTATION
Lactation in mothers as affected by various pathologic conditions and the puerperal regimen. E. S. Zakharova. Vop. okh. mat. i det. 1 no. 3:74-77 My-Je '56.

Maximum and minimum frequency of mechanical stimulation for calling forth the lactation reflex. I. I. Grachev. Uch. zap. Len. un. no. 176:164-170 '54.

On the role of conditioned-reflex stimuli in milk excretion by cows. IU. M. Olenov, M. G. Zaks. Dokl. AN SSSR 108 no. 4:754-756 Je '56.

Some distinctive features of the lactation reflex in cows showing different mobility and equilibrium of their cortical nerve processes. E. P. Kokorina. Dokl. AN SSSR 108 no. 4:746-749 Je '56.

Using vitamin C in hypogalactia. T. E. Vogulkina. Vop. okh. mat. i det. 1 no. 3:67-69 My-Je '56.

LACTIC ACID BACTERIA
Bacteriophagic phenomena in the dairy industry. M. L. Nepomniashcha, L. A. Liberman, L. IU. Medvyns'ka. Mikrobiol. zhur. 9 no. 2/3:34-47 '48.

LADA, JOSEF, 1887-
Visiting Lada. Boris Polevoi. Ogonek 34 no. 33:15-16 Ag '56.

LADOGA, LAKE—GEOLOGY
Role of glacial boulders in understanding the geological structure of the bottom of water basins (concerning the probable deposits of Jointan sands on the bottom of Lake Ladoga). S. V. IAkovleva. Mat. VSEGEI no. 9:35-39 '55.

LADOGA REGION—SWAMPS
Marshes of the northern Ladoga region and their agricultural uses. T. G. Abramova. Vest. Len. un. 11 no. 12:73-85 '56.

LADZHANURI HYDROELECTRIC POWER STATION
A river in a tunnel. Druzh. nar. no. 6:139 Je '56.

LAKES see subdivision under Pamirs; Sumgait-Chay Basin; Tuva Autonomous Province

LAMBLIA INTESTINALIS
Role of Lamblia intestinalis in bacillary dysentery. G. G. Budagova. Pediatriia 39 no. 3:88-89 My-Je '56.

LAMBLIASIS
Achrichine and garlic phytoncides for treating giardiasis. M. P. Tvauri. Voen.-med. zhur. no. 5:67-70 My '56.

LAMELLIBRANCHIATA, FOSSIL see subdivision under Carpathian Mountains; Soviet Far East

LAMPROPHYRES see subdivision under Varzob Valley

LAMPS
Drawing board and lamp for illuminating the designers' work area. Rats. i izobr. predl. v stroi. no. 134:18-19 '56.

LAND
Checking the execution of projects for irrigation, drainage and utilization of improved land. L. M. Savitskii. Gidr. i mel. 8 no. 8:41-43 Ag '56.

Land resources in the U.S.S.R. N. K. Nova-Doker. Obz. vazhn. sob. v SSSR 3 no. 91:13-24 My '56.

LAND, NATIONALIZATION OF
Lenin's teachings on the nationalization of land and its execution. P. M. Pershyn. Visnyk AN URSR 21 no. 2: 33-43 F '49.

LAND, RECLAMATION OF see Reclamation of land

LAND TENURE
(see also subdivision under China; Georgia; India; Italy; North-West Frontier Province)

Atsarkin, A. N. [Stolypin reaction. V. I. Lenin's struggle for the theoretical foundations of the Marxist party; a lecture] Stolypinskaia reaktsiia. Bor'ba V. I. Lenina za teoreticheskie osnovy marksistskoi partii; lektsiia. [Moskva] Izd-vo Moskovskogo univ., 1956. 33 p.

LAND TENURE—HISTORY see subdivision under White Russia

LAND TENURE—LAW
(see also subdivision under Kazakhstan)

"Legal relations pertaining to land in a class-antagonistic society." L. I. Dembo. Reviewed by A. IA. Shevelenko. Vop. ist. no. 5:192-197 My '56.

LANDSCAPE
Nature of the U.S.S.R. in illustrations ["Nature of our country." Reviewed by V. V. Pokshishevskii. Priroda 45 no. 6:117-118 Ag '56.

LANDSCAPE ARCHITECTURE see subdivision under Leningrad; Moscow

LANDSLIDES see subdivision under Gorkiy

LANGUAGE AND LANGUAGES
(see also subdivision under Ukraine)

Bulakhovskii, L. A. [A sketch of general linguistics] Narysy z zahal'nogo movoznavstva. Kyiv, Radians'ka shkola, 1955. 247 p. (NNC)

Dialectics of languages. I. IU. Huzar. Dop. ta pov. L'viv. un. no. 4, pt. 1:62-63 '53.

A word about words (conclusion). Lev Uspenskii. Pioner no. 12:20-37 D '53.

Zvegintsev, V. A. [Aesthetic idealism in linguistics (K. Fossler and his school); material for a course in linguistics] Esteticheskii idealizm v iazykoznanii (K. Fossler i ego shkola); materialy k kursam iazykoznaniia. [Moskva] Izd-vo Moskovskogo univ., 1956. 25 p.

LANGUAGE AND LANGUAGES—PERIODICALS
Readers' conference. A. I. Piterskikh. Inostr. iaz. v shkole no. 4:127-128 Jl-Ag '56.

LANGUAGE AND LANGUGES—POLITICAL ASPECTS see Languages—Political aspects

LANGUAGE AND LANGUAGES—STUDY AND TEACHING
(see also subdivision under Moscow; Poland)

Against the intuitive method of the "direct approach." A. A. Andrievskaia, T. F. Laponogova, V. M. Leshchinskaia. Inostr. iaz. v shkole no. 4:69-71 Jl-Ag '56.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING (Continued)

Consultation. Inostr. iaz. v shkole no. 4:114-122 Jl-Ag '56.

Development of oral skills in classes 5-7; survey of articles. E. K. Chaplina. Inostr. iaz. v shkole no. 4: 72-80 Jl-Ag '56.

The oral-aural approach. Z. M. TSvetkova. Inostr. iaz. v shkole no. 4:45-57 Jl-Ag '56.

Oral exercises in class 9. N. V. Elukhina. Inostr. iaz. v shkole no. 4:80-86 Jl-Ag '56.

Teaching foreign languages in minority schools. S. D. Beresnev. Inostr. iaz. v shkole no. 4:102-103 Jl-Ag '56.

"Uchenye zapiski [no. 41]" of Moscow Pedagogical Institute. Reviewed by N. I. Tomova and E. V. Fishman. Inostr. iaz. v shkole no. 4:104-113 Jl-Ag '56.

Urgent tasks of the school. Inostr. iaz. v shkole no. 4: 3-10 Jl-Ag '56.

LANGUAGES—POLITICAL ASPECTS

Chaplenko, Vasyl'. [Bolshevik linguistic policy] Bil'shovyts'ka movna polityka. Miunkhen, 1956. 10 p. (Institut zur Erforschung der UdSSR. Doslidy i materialy, ser. 2, no. 47)

LANGUAGES, ORIENTAL see Oriental languages

LANTERN PROJECTION
(see also subdivision under Chernigov)

Use of slides during the lesson. G. A. Losin. Sred. spets. obr. no. 8:25-30 Ag '56.

LAOS

Letter from Laos. Wilfred Burchett. Nov. vrem. 14 no. 31:24-27 Jl '56.

LAOS—POLITICS AND GOVERNMENT

What is disturbing them. Nov. vrem. 14 no. 34:15 Ag '56.

LARCENY

Struggle against the theft of socialist property in Soviet criminal law. M. L. Naklovich. Dop. ta pov. L'viv. un. no. 4, pt. 1:12-15 '53.

LARCH see subdivision under Ukraine

LARVAE see subdivision under Azerbaijan

LATENT HEAT OF FUSION see Fusion, Latent heat of

LATHES

Cutting spiral grooves in bushings being worked on presses. I. P. Dubov. Avt. i trakt. prom. no. 6:43 Je '56.

Gift from constructors to metal turners. V. Levshunov, S. Bolkhonskii. Tekh. mol. 23 [i. e. 24] no. 7:18-21 Jl '56.

Modernization of lathes at the Chkalov Machine Building Plant. A. Kh. Khandros. Vest. mash. 36 no. 7:64-66 Jl '56.

LATHES—ATTACHMENTS

Attachment for machining small-diameter long shafts. E. B. Aleksandrov. Stan. i instr. 27 no. 8:37-38 Ag '56.

Combination head with a set of saws. N. M. Ovrutskii. Der. prom. 5 no. 6:21-22 Je '56.

Milling machine attachment for repairing parquet friezes A. M. Legotin. Der. prom. 5 no. 6:21 Je '56.

LATHES—REPAIRING

Attachment for grinding lathe beds under repair. K. G. Vorob'ev, Iu. N. Sychev. Stan. i instr. 27 no. 8:34-35

LATVIA—CHESS—TOURNAMENTS

Championship of the Latvian S. S. R. O. Krumin', M. Tal'. Shakh. v SSSR 33 no. 6:180-181 Je '56.

LATVIA—COMMERCE

Exports of Soviet Latvia. Druzh. nar. no. 6:140 Je '56.

LATVIA—COMMUNIST PARTY OF THE SOVIET UNION

What have been the results of changing the structure of city committees. F. Korol'kevich. Part. zhizn' no. 12: 52-57 Je '56.

LATVIA—ECONOMIC CONDITIONS

The economy of the Latvian S. S. R. ("The Latvian S. S. R. Outline of economic geography." Reviewed by M. Rozenfel'd, IA. Feigin). Vop. ekon. no. 7:145-149 Jl '56.

LATVIA—HEALTH RESORTS, WATERING PLACES, ETC.

"Treatment methods for patients at resorts of the Riga coast", "Treatment methods for patients at the Latvian resorts." Reviewed by M. A. Samsonov, A. P. Sporanskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:72-73 Ap-Je '56.

LATVIA—MORAL EDUCATION

Discussion of the teacher with the student group. D. Molotov. Prof.-tekh. obr. 13 no. 6:24-25 Je '56.

LATVIA—PASTURES AND MEADOWS

Improving summer feeding of cattle. A. Kalējs. Kolkh. proizv. 16 no. 5:24-25 My '56.

LATVIA—POULTRY HATCHERIES

In Estonian and Latvian hatcheries. Ptitsevodstvo 6 no. 6:45 Je '56.

LATVIA—RECLAMATION OF LAND

On drained lands. L. Runova, I. Arons. MTS 16 no. 5: 11-14 My '56.

LATVIA—SOCIALISTS

Who gains by this? A. Rudevics. Nov. vrem. 14 no. 28:12-14 Jl '56.

LATVIA—SPORTS

How we prepared for the contest. Jan. Strelnieks. Mol. kolkh. 23 no. 7:26-27 Jl '56.

LATVIA—SWINE—FEEDING AND FEEDING STUFFS

Feeding hogs for bacon on state farms of Latvia. S. I. Cherevan'. Sovkhoz. proizv. no. 8:46-48 Ag '56.

Feeding swine twice a day. K. K. Brentsis. Svinovodstvo no. 4:18-20 Je '56.

LATVIA—VEGETABLES—PRESERVATION

Processing and storage of vegetables on the collective farm. M. Z. Blinchevskii. Sad i og. no. 6:26-28 Je '56.

LATYSHEVA, KLAVDIIA IAKOVLIVNA

Klavdiia IAkovlivna Latysheva; obituary. Rad. zhin. 11 no. 7:32 Jl '56.

LAUNCHING OF SHIPS see Ships—Launching

LAUNDRIES

Levelling the graph of heat use in mechanical laundries. S. I. Chardin. Vod. i san. tekh. no. 5:8-12 My '56.

LAUNDRIES, MILITARY

Mechanized field laundry. I. P. Kovalenko. Voen.-med. zhur. no. 4:79-82 Ap '56.

LAUNDRY MACHINERY

Mechanical drying of laundry. I. M. Latichevskii. Gor. khoz. Mosk. 30 no. 6:30-31 Je '56.

Vasil'ev, V. S., and V. A. Minaev-TSikanovskii. [A review of the equipment used in foreign mechanized laundries] Obzor oborudovaniia zagranichnykh mekhanicheskikh prachechnykh. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 72 p.

LAW

Economic and juridical laws and their correlation in a socialist society. P. E. Nedbailo. Dop. ta pov. L'viv. un. no. 4, pt. 1:3-5 '53.

In the A. IA. Vyshinskii Institute of Law (meeting of the scientific council devoted to problems of legal science). N. N Ruzumovich. Vest. AN SSSR 26 no. 6:119-121 Je '56.

Tasks of legal science in the light of decisions of the 20th Congress of the Communist Party of the Soviet Union. P. E. Orlovskii. Vest. AN SSSR 26 no. 8:3-8 Ag '56.

LAW—CODIFICATION

Organization of the codification of law in the first years of Soviet rule (1917-1923). O. I. Chistiakov. Sov. gos. i pravo no. 5:10-22 '56.

V. I. Lenin and the codification of Soviet law. A. A. Ushakov. Sov. gos. i pravo no. 5:3-9 '56.

LAW—HISTORY AND CRITICISM
(see also subdivision under Kazakhstan)

General and specific characteristics of the development of law. IU. P. Kasatkin, L. S. IAvich. Uch. zap. Tadzh. un. 8:39-47 '55.

The problem of subject and form in law. L. S. IAvich. Uch. zap. Tadzh. un. 8:40-67 '56.

LAW—PERIODICALS see subdivision under Poland

LAW—STUDY AND TEACHING

Conference in the editorial office of "Sovetskoe gosudarstvo i pravo" on the new course: Direction of public prosecution. Sov. gos. i pravo no. 5:125-127 '56.

LAW, AGRICULTURAL see Agricultural laws and legislation

LAW, CRIMINAL see Criminal law

LAW, INDUSTRIAL see Industrial laws and legislation

LAW, INTERNATIONAL see International law

LAW, LABOR see Labor laws and legislation

LAW, PATENT see Patent laws and legislation

LAW, RAILROAD see Railroad law

LAW OF PERSONS see Persons (Law)

LAW SCHOOLS see subdivision under Irkutsk

LAWN HOCKEY

On the grass with a bandy. V. Vladimirov. Fizk. i sport 26 no. 8:36-37 '56.

World federation of lawn hockey. Fizk. i sport 26 no. 8:37 '56.

LAWRENCE, JEROME, 1915-

"Inherit the wind" [in English]. Jerome Lawrence, Robert Lee. Reviewed by N. Elshtskina. Inostr. lit. no. 7:252-253 Jl '56.

LAZAREV, PETR PETROVICH, 1878-1942

Petr Petrovich Lazarev, founder of Russian biophysics. B. V. Deriagin, M. P. Volarovich. Biofizika 1 no. 3:193-200 '56.

LEACHING

Conference on problems of leaching water-soluble rocks in connection with hydraulic engineering. M. P. Semenov. Gidr. stroi. 25 no. 3:62-63 Ap '56.

Ponskoi, I. K. [Reclaiming leached soils for agricultural purposes] Sel'skokhoziaistvennoe osvoenie promyvnomykh i promytykh zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 131 p.
(DA)

Possible hydrogeochemical cause of the leaching subzone formation. A. I. Germanov. Geokhimiia no. 1:113-117 '56.

LEAD

The agglomeration of lead concentrates; some properties of lead silicates. V. I. Milont'eva, V. D. Solov'eva. Vest. AN Kazakh. SSR 12 no. 7:99-106 Jl '56.

LEAD—ELECTROMETALLURGY

Electric preheating of boilers for the refining of lead. P. V. Sergeev and others. TSvet. met. 29 no. 6:31-34 Je '56.

LEAD—ISOTOPES

Age and geochemical characteristics of lead ores in the Ukraine. A. I. Tugarinov, S. I. Zykov. Geokhimiia no. 3:42-49 '56.

LEAD—METALLOGRAPHY

Structural transformations of polymetallic mattes during the converter process. M. A. Abdeev, I. A. Stroilelev, O. G. Miller. TSvet. met. 29 no. 6:24-30 Je '56.

LEAD—METALLURGY

Displacement of lead from galena by means of iron. A. E. Gurlev. TSvet. met. 29 no. 6:41-43 Je '56.

LEAD-BISMUTH ALLOYS

Thermodynamic properties of liquid solutions in systems: lead - bismuth and cadmium - lead. V. N. Eremenko, O. M. Eremenko, T. P. Bruevich. Ukr. khim. zhur. 17 no. 5:658-677 '51.

LEAD BRONZE

Effect of the direction of machining treatment marks on the lead bronze wearability. P. E. D'iachenko, T. V. Smushkova. Tren. i izn. mash. no. 7:66-71 '53.

LEAD-CADMIUM ALLOYS see Cadmium-lead alloys

LEAD FLUORIDES

Absorption and luminescence of lead and thallium fluoride solutions. M. U. Belyi, A. A. Shishlovskii. Izv. AN SSSR. Ser. fiz. 20 no. 5:574-578 My '56.

LEAD ORES see subdivision under Tien Shan; Ukraine

LEAD SALTS

Inactivation of phytoamylase by lead and copper salts and reactivation of enzymes from metal-enzyme compounds. L. I. Vigorov. Ukr. biokhim. zhur. 28 no. 2:103-102 '56.

Luminescence and absorption of lead salt solutions. M. U. Belyi, K. F. Gudymenko. Izv. AN SSSR. Ser. fiz. 20 no. 5:579-582 My '56.

Thermodynamic properties of PbFCl, $PbCl_2$, and $PbF_2$ at high temperatures. E. I. Banashek, N. N. Patsukova, I. S. Rassonskaia. Izv. Sekt. fiz.-khim. anal. 27:223-232 '56.

LEAD SILICATES

The agglomeration of lead concentrates; some properties of lead silicates. V. I. Milent'eva, V. D. Solov'eva. Vest. AN Kazakh. SSR 12 no. 7:98-106 Jl '56.

LEAD–TITANIUM ALLOYS see Titanium. Lead alloys

LEAF HOPPERS

On the taxonomy and ecology of leaf hoppers of the genus Psammotettix (Homoptera, Cicadina) [with English summary in insert]. A. S. Moravskaia. Zool. zhur. 35 no. 5:709-718 My '56.

LEAF ROLLERS
(see also subdivision under Crimea)

Chinese leaf roller species and the danger of importing them into the U. S. S. R. M. P. Umnov. Sad i og. no. 7: 59-61 Jl '56.

Controlling the adult stage of the fruit-tree leaf roller. L. N. Zotsenko, M. I. Zhigal'tseva. Sad i og. no. 7:61-62 Jl '56.

LEATHER, ARTIFICIAL

Substitute of full value. S. A. Pavlov. Nauka i zhizn' 23 no. 6:25 Je '56.

LEAVES

Cell juice concentration in spring wheat leaves in case of an adequate water supply. M. F. Lobov. Trudy Inst. fiziol. rast. 6 no. 1:245-253 '48.

Heterophylly in pears as representatives of the genus Pyrus L. I. T. Vasil'chenko. Bot. zhur. 41 no. 4:549-552 Ap '56.

Methods for determining the amount of foliage in young shelterbelts. M. S. Rodionov. Bot. zhur. 41 no. 4:532-534 Ap '56.

Organic acid content of tomato leaves during the development of the plant [with English summary in insert]. R. IA. Shkolnik. Fiziol. rast. 3 no. 3:252-258 My-Je '56.

Relation between the photosynthesis of leaves and the assimilate consumption of plants. A. A. Gurevich, O. N. Miachina. Fiziol. rast. 3 no. 4:328-332 Jl-Ag '56.

Significance of the correlative influences of roots and leaves in the morphogenesis of plants. R. Dostal'. Fiziol. rast. 3 no. 4:355-367 Jl-Ag '56.

LEAVES—MORPHOLOGY

Fedorov, A. A., M. E. Kirpichnikov, and Z. T. Artiushenko. [Atlas of descriptive morphology of the higher plants; leaves] Atlas po opisatel'noi morfologii vysshikh rastenii; list. Pod obshchei red. P. A. Baranova. Fotografii E. V. Sinel'nikova. Moskva, Izd-vo Akademii nauk SSSR, 1956. 301 p.

———— [Models for the determination of principal laminar forms] Shablony dlia opredeleniia osnovnykh form plastinki lista. 6 l. (in pocket)

LEBANESE PROVERBS see Proverbs, Lebanese

LEBANON—FOREIGN RELATIONS

A new tone. Nov. vrem. 14 no. 34:14 Ag '56.

LEBANON—PETROLEUM—PIPELINES

Unjustified calculations. Nov. vrem. 14 no. 29:17-18 Jl '56.

LEBANON—PETROLEUM—TRANSPORTATION

Complicated mechanics; economic notes. G. Mirskii. Nov. vrem. 14 no. 26:31-32 Je '56.

Syria, Lebanon, and the petroleum companies. Mezhdunar. zhizn' no. 6:122-123 Je '56.

LECHKHUMI RANGE—ETHNOLOGY

Materials on the Lechkhumi trunk "skivri" [in Georgian with summary in Russian]. F. Gardapkhadze-Kikodze. Mat. po etn. Gruz. no. 7:65-73 '56.

LECTURES AND LECTURING

For high-quality lectures on atheistic subjects. V. Perederii. Sots. kul't. 9 no. 6:26-27 Je '56.

Style in lectures delivered to youth. A. Efimov. Mol. Komm. 14 no. 7:94-101 Jl '56.

A thorough analysis of lecturing is needed. D. Magnusov. Kul't.-pros. rab. 17 no. 7:57 Jl '56.

LEE, ROBERT EDWIN, 1918-

"Inherit the wind" [in English]. Jerome Lawrence, Robert Lee. Reviewed by N. Eishiskina. Inostr. lit. no. 7:252-253 Jl '56.

LEECHES

Bloodletting by venesection and leeches in hypertension. V. A. Galkin. Terap. arkh. 28 no. 4:16-23 '56.

"Therapeutic use of leeches." G. G. Shchegolev, M. S. Fedorov. Reviewed by N. A. Kurshakov. Sov. med. 20 no. 6:95-96 Je '56.

Thermostability of muscles in mussels and leeches in relation to the environment of the species [with English summary in insert]. B. P. Ushakov. Zool. zhur. 35 no. 7:953-964 Jl '56.

LEGAL DOCUMENTS

Concept and types of documents in Soviet criminal law. A. V. Kuznetsov. Uch. zap. VIIUN no. 4:109-125 '55.

LEGAL EDUCATION see Law—Study and teaching

LEGAL HISTORY see Law—History and criticism

LEGISLATION see subdivision under Albania

LEGISLATIVE POWER

From the editor. Sov. gos. i pravo no. 5:132-134 '56.

"The legislative function in the Soviet state." D. A. Kerimov. Reviewed by S. F. Kechek'ian. Sov. gos. i pravo no. 6:129-132 '56.

LEGUMES see subdivision under Tambov Province; Volga Valley

LEGUMES—HARVESTING

Mechanizing the harvesting of pulse crops. G. Voropaev, M. Rogozheva. Kolkh. proizv. 16 no. 6:36 Je '56.

Speeding up the mechanization of pulse crop harvesting. E. N. Osipova. Zemledelie 4 no. 7:106-107 Jl '56.

LEIDERMAN, SIMON ROBERTOVICH

Thirty-five years of engineering and scientific-pedagogical activity. Avt. transp. 34 no. 6:35 Je '56.

LEISHMANIASIS
(see also subdivision under Turkmenia)

Treating leishmaniasis during the ulceration stage by pricking the ulcer with an achrichine-novocaine solution. O. K. Shaposhnikov. Voen.-med. zhur. no. 6: 65-67 Je '56.

LEMMINGS see subdivision under Kamchatka

LEMON

Zin'kovskii, V. M. [Indoor cultivation of lemons] Komnatnaia kul'tura limona. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.
(DA)

LENA RIVER—DELTA

Molasses in the mouth of the Lena River. A. A. Mezhvilk. Dokl. AN SSSR 108 no. 2:317-319 My '56.

LENA RIVER—INLAND NAVIGATION

Studying navigation in the Lena River basin. N. M. Gudtolaev, V. I. Kozhev. Rech. transp. 15 no. 6:11-13 Je '55.

LENA VALLEY—GEOLOGY, STRATIGRAPHIC

Age of the "Aucella-Horizon" of the northern part of the Lena basin. N. S. Voronets. Dokl. AN SSSR 108 no. 4: 695-696 Je '56.

LENA VALLEY—SEALILIES, FOSSIL

First find of a scallty in the Cambrian of the U. S. S. R. N. N. IAkovlev. Dokl. AN SSSR 108 no. 4:726-727 Je '56.

LENIN, VLADIMIR IL'ICH, 1870-1924

A. M. Gor'kii on V. I. Lenin. I. Hutarau. Belarus' 13 no. 6:1-2 Je '56.

Andreev, A. A. [About Vladimir Il'ich Lenin] O Vladimire Il'iche Lenine. Moskva, Gos. izd-vo polit. lit-ry, 1956. 54 p.

At the Lenin museum. V. F. Morozov. Sov. Soiuz no. 4: 2 Ap '56.

Atsarkin, A. N. [Stolypin reaction, V. I. Lenin's struggle for the theoretical foundations of the Marxist party; a lecture] Stolypinskaia reaktsiia, Bor'ba V. I. Lenina za teoreticheskie osnovy marksistskoi partii; lektsiia. [Moskva] Izd-vo Moskovskogo univ., 1956. 33 p.

Immortal work; on the 40th anniversary of the publication of "Materialism and empirio-criticism." O. M. Omel'ianova'kyi. Visnyk AN URSR 21 no. 1:15-23 Ja '49.

The importance of Lenin's book "Two tactics of social democracy in the democratic revolution" for the people's democratic revolution in China [with English summary in insert]. Fan Jo-yui. Sov. vostokoved. no. 2:29-33 '56.

Lenin was fond of nature. K. Selivanov. Vozhatyi 32 no. 7:16-16 Jl '56.

Lenin's conception of matter and its importance in combatting the idealistic theory of knowledge. L. I. Erichev. Vest. Len. un. 11 no. 11:41-53 '56.

Lenin's great work on the state and revolution; on the 35th anniversary of V. I. Lenin's work "The State and revolution." B. M. Babii. Visnyk AN URSR 24 no. 11: 32-43 N '52.

Lenin's ideas on increasing labor productivity. IA. Tikhomirov. Komm. Ukr. 31 no. 4:23-32 Ap '56.

Lenin's immortal image lives in millions of hearts. M. Rossovskii. Blok. agit. no. 10:1-10 Ap '54.

Lenin's teachings on the nationalization of land and its execution. P. M. Pershyn. Visnyk AN URSR 21 no. 2: 33-43 F '49.

Meetings with Lenin. N. Miliutin. IUnost' no. 8:94-98 Ag '56.

[On Lenin; recollections, stories, essays] O Lenine; vospominaniia, rasskazy, ocherki. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 446 p.

The role of V. I. Lenin in the formation of the Union of Soviet Socialist Republics. S. IAkubovskaia. Kommunist 33 no. 10:27-41 Jl '56.

Stasova, E. D. [Teacher and friend; an address in honor of V. I. Lenin] Uchitel' i drug; stenogramma vystupleniia na vechere, posviashchennom pamiati V. I. Lenina. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 23)

Statistics in V. I. Lenin's works and statements. I. Bogdanov. Vest. stat. no. 2:28-37 Mr-Ap '56.

Unforgettable days. K. G. Rianni. Vest. sviazi 16 no. 4:28-29 Ap '56.

V. I. Lenin; on the 86th anniversary of his birth. Kitai no. 5:5 My '56.

V. I. Lenin and the codification of Soviet law. A. A. Ushakov. Sov. gos. i pravo no. 5:3-9 '56.

V. I. Lenin and the Soviet armed forces. E. Boltin. Znamia 26 no. 8:137-150 Ag '56.

"V. I. Lenin on culture and art." Reviewed by O. Mykhailov. Sots. kul't. 9 no. 6:38-39 Je '56.

V. I. Lenin on libraries. Bibliotekar' no. 7:46 Jl '56.

V. I. Lenin on the role of the masses and individuals in history. N. Khalipov. Komm. Bel. 28 no. 6:10-21 Je '56.

V. I. Lenin on the unity of theory and practice. A. Korned. Komm. Ukr. 31 no. 4:13-22 Ap '56.

V. I. Lenin on the work of the Central Statistical Administration. Vest. stat. no. 3:3-17 My-Je '56.

V. I. Lenin's unpublished documents. Komm. Bel. 28 no. 7:11-23 Jl '56.

Vladimir Il'ich Lenin, the creator of the Bolshevik party and Soviet state. O. V. Palladin. Visnyk AN URSR 21 no. 2:25-32 F '49.

The word is a weapon; notes on V. I. Lenin's polemical art. Vladlen Kuznetsov. Nash. sovr. 2:151-170 '56.

LENIN IN LITERATURE AND ART

"A ballad about Lenin." Hryhorii Lytvak. Ukraina no. 11:16 Je '56.

"Maiakovskii's narrative poem 'Vladimir Il'ich Lenin.'" A. Abramov. Reviewed by N. Gornitskaia. Neva no. 7: 177-178 Jl '56.

LENINABAD REGION—HISTORY

Geographers of the 9th-11th centuries on Khodzhent and its region. N. Negmatov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:103-109 '56.

LENINGRAD—AMATEUR THEATRICALS

Artists aid. Teatr 17 no. 7:186 Jl '56.

LENINGRAD—APARTMENT HOUSES

City blocks made up of experimental large-panel apartment houses. E. A. Levinson, D. S. Gol'dgor. Arkhit. i stroi. Len. no. 2:7-10 Je '56.

LENINGRAD—AUDITING

Broaden the dissemination of auditing results. N. Rakitchenko, A. Nepomniashchii. Fin. SSSR 17 no. 7:57-60 Jl '56.

LENINGRAD—BALLET

Workdays of the Leningrad ballet. V. Krasovskaia. Zvezda no. 9:152-159 S '56.

LENINGRAD—BRIDGES

New bridges in Leningrad. V. I. Kochedamov. Arkhit. i stroi. Len. no. 2:31-38 Je '56.

LENINGRAD—CHESS—TOURNAMENTS

In the Leningrad Palace of Pioneers. V. Zak. Shakh. v SSSR 33 no. 7:198-200 Jl '56.

Results of the Leningrad semifinals. G. Ravinskii. Shakh. v SSSR 33 no. 6:171-173 Je '56.

LENINGRAD—CHILDREN'S PLAYS

Secret team. IU. Savitskaia. Pioner no. 9:29 Je '56.

LENINGRAD—CITY PLANNING

The planning of residential districts and blocks in Leningrad. A. I Naumov. Arkhit. i stroi. Len. no. 2: 13-16 Je '56.

LENINGRAD—CONCERTS

Leningrad. Sov. muz. 20 no. 7:110-111 Jl '56.

LENINGRAD—DESCRIPTION

Chertov, L. G. [Leningrad as one of the great economic and cultural centers of the U.S.S.R.] Leningrad kak odin iz krupneishikh ekonomicheskikh i kul'turnykh tsentrov SSSR. Leningrad, 1955. 41 p. (Vses. ob-vo po rasprostraneniiu polit. i nauchn. znanii, Leningradskoe otd-nie)
DS

Places dear to my heart. Ettore LoGatto. Neva no. 8: 187 Ag '56.

Study of one's own district. A. N. Kalinin. Geog. v shkole 19 no. 3:51-52 My-Je '56.

LENINGRAD—DIRECTORIES

[Leningrad; explanatory index to a short guide to Leningrad] Leningrad; [ukazatel' k kratkomu putevoditeliu po gorodu Leningradu]. [Leningrad] Lenizdat, 1956. 34 p. [Parallel texts in Russian and English.]
[PHOTOSTAT]

LENINGRAD—DRY ICE

Box for the manufacture of dry ice briquets. V. Muravlianskii. Khol. tekh. 33 no. 2:64-65 Ap-Je '56.

LENINGRAD—ECONOMIC GEOGRAPHY
Some problems of the economic geography of Leningrad. V. V. Pokshishevskii. Vop. geog. no. 30:104-130 '53.

LENINGRAD—ELECTRICITY ON SHIPS—EXHIBITIONS
At the exhibition demonstrating electric installation techniques and appliances. M. M. Felgin. Sudostroenie 23 no. 5:3 of cover My '57.

LENINGRAD—FUR TRADE
Furs are sold by auction. K. Konstantinov. Ogonek 34 no. 33:25-26 Ag '56.

LENINGRAD—HYDRAULIC ENGINEERING
Hydraulic engineering works in Petersburg during the 18th century. F. IA. Nemtsevich. Trudy Inst. ist. est. i tekh. 7:120-130 '56.

LENINGRAD—INDUSTRIAL MANAGEMENT
Difficult job. A. Sorkov. Ogonek 34 no. 33:10-13 Ag '56

LENINGRAD—LANDSCAPE ARCHITECTURE
Landscaping Leningrad and its suburbs. Arkhit. i stroi. Len. no. 2:47-48 Je '56.
Ideas in landscape work in Leningrad. A. G. Gelovach. Arkhit. i stroi. Len. no. 2:45 Je '56.

LENINGRAD—MANUSCRIPTS, GREEK
Medieval Greek manuscripts in Leningrad. E. E. Granstrem. Viz. vrem. 9:302-307 '56.

LENINGRAD—MEDICAL SOCIETIES
Proceedings of the S. P. Botkin Society of Therapeutists in Leningrad. Terap. arkh. 28 no. 4:90-96 '56.

LENINGRAD—MUNICIPAL GOVERNMENT
Karpets, I. I. [The work of local soviets in strengthening the social order; the work practice of the Leningrad city soviet of workers' deputies] Deiatel'nost' mestnykh sovetov po ukrepleniiu obshchestvennogo poriadka; iz opyta raboty Leningradskogo gorodskogo Soveta deputatov trudiashchikhsia. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 43 p.

LENINGRAD—NAMES, GEOGRAPHICAL
The origin of the name "Kolpanu." A. Zvenigorodskii. Neva no. 6:190 Je '56.

LENINGRAD—NEWSPAPER AND PERIODICAL CIRCULATION
New methods in our work. S. Kobonitchenko. Nasper. pech. no. 8:10-11 Ag '56.

LENINGRAD—OPERA
Successes and hindrances. A. Gozenpud. Zvezda no. 9: 149-154 S '56.

LENINGRAD—ORIENTAL STUDIES
Centenary of the Department of Oriental Studies of Leningrad University (1855-1955) [with English summary in insert]. A. N. Kononov. Iav. vostokoved. no. 2:83-90 '56.

LENINGRAD—PAINTINGS—EXHIBITIONS
Art of the young. E. I. Kiseleva-Lukka. Zdorov'e 2 no. 8:30 Ag '56.

LENINGRAD—PAINTINGS, ENGLISH
From the collection of our museum. V. Iakhalev. Ogonek 34 no. 25:10 Je '56.

LENINGRAD—PHARMACOLOGY—SOCIETIES
In the Leningrad Scientific Pharmaceutical Society. Apt. delo 5 no. 4:51-52 Jl-Ag '56.
Pharmacology and Toxicology Section of the Sechenov Society of Physiologist, Biochemists and Pharmacologists in Leningrad. L. I. Tark. Farm. i toksi. 19 no. 3:64 My-Je '56.

LENINGRAD—PHYSICAL EDUCATION AND TRAINING
Our faculty. D. Semenov. Leg. atl. no. 5:24 My '56.
Twentieth anniversary of a sports school. Leg. atl. no. 5:25-26 My '56.

LENINGRAD—RADIOLOGY, MEDICAL
Medical radiology in scientific societies of Leningrad. Med. rad. 1 no. 1:88-89 Ja-F '56.

LENINGRAD—REINFORCED CONCRETE
Production of reinforced concrete products by the "Barrikada" factory. I. I. Mamontov, M. V. Kiselev. Arkhit. i stroi. Len. no. 2:31-34 Je '56.

LENINGRAD—RENDERING WORKS
Work of a rendering plant in Leningrad. M. A. Dobin, IU. F. Epshtein, S. S. Lapidus. Veterinariia 33 no. 8: 71-74 Ag '56.

LENINGRAD—RESTAURANTS, LUNCHROOMS, ETC.
Reconstruction of the "Neva" cafe. Arkhit. i stroi. Len. no. 2:46 Je '56.

LENINGRAD—REVOLUTION, 1917-1921
Conference of participants in the armed rebellion of October, 1917 in Petrograd. A. M. Volotarskaia. Ist. arkh. no. 3:244-246 My-Je '56.
From the history of the organization of the first communes of Petrograd workers (1918). S. S. Colunsantkov, E. A. Mosgunova, D. I. Novoplanskii. Ist. arkh. no. 3:18-44 My-Je '56.

LENINGRAD—SCIENCE
At the meeting in Leningrad. Vest. AN SSSR 26 no. 6: 29-30 Je '56.

LENINGRAD—SHIPBUILDING
One hundredth anniversary of the founding of the Baltic Shipbuilding and Mechanical Engineering Plant. Sudostroenie 22 no. 5:1-5 My '56.

LENINGRAD—STOMATOLOGY
Stomatological conference in Leningrad. N. M. Abramov. Stomatologiia 35 no. 3:61-64 My-Je '56.

LENINGRAD—SURGERY—SOCIETIES
Seventy fifth anniversary of the Pirogov Surgical Society in Leningrad. A. A. Shelovetsk. Khirurgiia no. 5:94-96 My '56.

LENINGRAD—TECHNICAL EDUCATION
Work with engineering teaching personnel. V. Arsenkin. Prof.-tekh. obr. 13 no. 6:4-6 Je '56.

LENINGRAD—TELEVISION PLAYS
"White nights." Teatr 17 no. 7:170 Jl '56.

LENINGRAD—THEATER
Borisov in the play "Alyosa." VI. Filippov. Ogonek 34 no. 30:16 Je '56.
Comments from a theater notebook. N. Tikhobal. Zvezda no. 9:138-140 S '56.
Friends and comrades. Ogonek 25 no. 32:30 D '47.
Genuine and false history. P. Gromov. Neva no. 6:141-148 Je '56.
"How do you like it." Teatr 17 no. 6:133-134 Je '56
"The dissolved and the injured." Teatr 17 no. 7:140-142 Jl '56.
Planning three years ahead. Teatr 17 no. 7:185 Jl '56.

LENINGRAD—THEATER—MUSEUMS AND COLLECTIONS
Gifts from friends. Teatr 17 no. 6:171 Je '56.

LENINGRAD—THEATERS
Instructive history; concerning the Gor'kii Bol'shoi Dramatic Theater. A. Kochetov. Teatr 17 no. 6: 94-105 Je '56.

LENINGRAD—THEOLOGICAL SEMINARIES
On winter vacation. P. Ignatov. Zhur. Mosk. Pats. no. 1 10-13 Ap '56.

LENINGRAD—UMBRELLAS AND PARASOLS
Economising metal in manufacturing umbrellas. P. Kuzakov. Promkoop. no. 5:23 My '56

LENINGRAD—WIT AND HUMOR, PICTORIAL
Militant pencil. V. Petrov. Neva no. 7:184 Jl '56

LENINGRAD PROVINCE—BOTANY
"Flora of Leningrad Province," no. 1. Reviewed by M. F. Kirpichnikov. Bot. zhur. 41 no. 4:588-593 Ap '56.

LENINGRAD PROVINCE—EDUCATION
In the Executive Committee of the Leningrad Province Soviet of Workers' Deputies. Nar. obr. no. 8:77 Ag '56.

LENINGRAD PROVINCE—LIBRARIES, RURAL
Provincial inspection of libraries. L. Karelova. Nash kul't. 8 no. 6:12-13 Je '56.

LENINGRAD PROVINCE—MITES
Measures for controlling the red apple mite. E. P. Gorlacheva, M. N. Bellakova. Sad i og. no. 6:62 Je '56.

LENINGRAD PROVINCE—STOCK AND STOCKBREEDING
Dolgobarodov, I. V., and F. A. Likovlev. [Work practice of the Yelizarovino machine-tractor station in stockbreeding] Opyt raboty Elizarovskoi MTS po zhivotnovodstvu. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 88 p.

LENS, CRYSTALLINE see Crystalline lens

LENSES, CONTACT see Contact lenses

LENSKII, ALEKSANDR PAVLOVICH, 1847-1908
"A. P. Lenskii," N. Zograf. Reviewed by Pavel Novitskii. Teatr 17 no. 7:153-159 Jl '56.

LENTILS
Leont'ev, V. M. [Lentils] Chechevitsa. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 85 p. (DA)

LEONARDO DA VINCI, 1451-1519
Leonardo da Vinci's scientific legacy ("Leonardo da Vinci, selected natural science works." Reviewed by I. I. Artobolevskii, E. V. Shukhardina). Nauka i zhizn' 23 no. 8:58-60 Ag '56.

LEONOVA, T.
A tale about wives and mothers ("The wives stayed home." T. Leonova. Reviewed by S. Pel'tskii). Drukh. nar. no. 6:178-181 Je '56.

LEPROSY
Testosterone propionate in the treatment of the reactive of leprosy. V. K. Legkov. Vest. ven. i derm. no. 3: 55 My-Je '56.

LEPROSY—CONGRESSES
All-Union Conference on Clinical Aspects and Early Diagnosis of Leprosy. I. M. Kogan-Yasnyi. Vest. ven. i derm. no. 3:60-61 My-Je '56.

LEPTOSPIRA
Survival of Leptospira icterohaemorrhagiae in the Volga water. Vest. ven. i derm. no. 6:74 N-D '56

LEPTOSPIROSIS
Biological observations on the budget of Leptospira icterohaemorrhagiae in rats. [Abstract] [In English] Zool. zhur. 35 no. 2:305 [pp. 1-2] '56
Epidemiology and prevention of leptospirosis. V. V. Rikhenko. Vrach. delo no. 8:849-850 Je '56
Laboratory diagnosis of leptospirosis and serological study of murine rodents as carriers of leptospirosis. [In 2 languages, Eng. & Latv.] Vrach. delo [Abstract] no. 6:91 Je '56.
Some observations on antileptospirosis immunity. A. V. Mirza & N. N. Sokolova. Vrach. delo [Abstract] no. 6:92 Je '56
Study [survey] on treatment for leptospirosis with penicillin. [In Latvian] Eng. abstract. [In Latvian] Vrach. delo [Abstract] no. 6:92 Je '56

LESKOV, NIKOLAI SEMENOVICH, 1831-1895
Archbishop's passion [The left-handed man] Reviewed by Vera Keldysh. Literaturnaia gazeta May 26 1956. [Obituary] Nekrasov, N. V. Russkie pisateli. Moskva, 1953. p. 319 Je '56

LESOVOYKOV
Effect of the tuberculosis antigen on the blood sugar level in animals. Report no. 4. Active nature of the antigen and of tuberculosis reactions in tuberculosis. [Abstract] M. M. Nikolaev-Volkonskii. Biul. eksp. biol. i med. 42 no. 7:75-76 Jl '56
Characteristics of changes in cellular proteins in tuberculosis and their role in the pathogenesis of the disease. [Abstract] S. I. Rabinovich, A. N. Nikolaeva. Vrach. delo [Abstract] no. 6:93 Je '56

LEUKEMIA
Unusual changes in hypoplastic forms of leukemia in adults. E. S. Nesterova. Vest. ven. i derm. 33 no. 2:12-18 Mr-Ap '56.
Radiotherapy in chronic leukemia. V. K. Rassokhina. Terap. arkh. 28 no. 4:83-85 '56
Roentgenotherapy and therapy of acute leukemia. N. N. Blokhin, Yakovenko. Vrach. delo 28 no. 7:753-757 My '56
Treatment of acute leukemia. A. N. Bukhgeim. Terap. arkh. 28 no. 5:37-38 My '56

LEVCHENKO, MITROFAN VASIL'EVICH, 1856-1935
In memory of M. V. Levchenko. Vrach. delo A. 2 '56

LEVCHENKO, MITROFAN VASIL'EVICH, 1856-1935. BASS. BIBLIOGRAPHY see Bibliography—Leaders—Bass, Vasilevich
LEVI-GOLUBEVSKAIA, EVGENIIA GRIGOR'EVNA, d. 1955
In memory of E. G. Levi-Golubevskaia. Sudost. prom. 21 no. 8:32 Ag '55

LEVIT, VLADIMIR DEMENTIEVICH
Vladimir Dementievich Levit, on the 50th anniversary of his medical activities. Vrach. delo [Abstract] no. 5:1 My '56

LEVITAN, ISAAK ILICH, 1861-1900
Unknown drawings by I. Levitan. M. Nesterov. Ogonek no. 8:22-23 Ag '56

LIAMIN, D. L., 1834-1895
D. F. Liamin", a great scholar of questions of the social system; [obituary] D. V. Bubin. Sov. med. 20 no. 1:25-28 Ja '56.

LIBERIA—DESCRIPTION AND TRAVEL
Acquaintance with Liberia. A. Mytskov. Vokrug sveta no. 8:54-56 Je '56.

LIBERTY OF CONSCIENCE
Liberty of conscience. N. I. Samoilovskaia. Nauka i zhizn' 23 no. 7:38-40 Jl '56.

LIBERTY OF THE PRESS see subdivision under United States

LIBLICE, CZECHOSLOVAKIA—AUTOMATIC CONTROL—CONGRESSES
Conference on the theory of automatic control in Liblice. V. S. Petrov, V. V. Petrov, G. M. Ulanov. Vest. AN SSSR no. 8:89-92 Ag '56.

LIBRARIES
(see also subdivision under Agriculture; Krasnograd Province; Lvov; Moscow; Yugoslavia)
At the all-Union conference of library workers. Sovetskaia torg. no. 7:12 Jl '56.
Brief news. Bibliotekar' no. 6:47-48 Jl '56.
Brief news. Bibliotekar' no. 8:45-48 Ag '56.
Meeting of library experience from the Union republics. Bibliot. SSSR no. 5:3-47 '56.
Practice in taking inventory of the library's collection. V. Sprintsenson. Bibliotekar' no. 6:35-37 Ag '56.

LIBRARIES (Continued)

Rabindranath Tagore on libraries and librarians. I. Vugman. Bibliotekar' no. 8:36-40 Ag '56.

Status and tasks of the republic libraries. A. M. Kavina' eva. Bibliot. SSSR no. 5:48-76 '56.

V. I. Lenin on libraries. Bibliotekar' no. 7:40 Jl '56.

LIBRARIES—BIBLIOGRAPHY see Bibliography—Libraries

LIBRARIES—ORDER DEPT.
(see also subdivision under Armenia)

Reference and bibliographical work of the library supply agency. B. Alekseev, E. Afanasova. Sov. knizh. torg. no. 7:14-15 Jl '56.

LIBRARIES, REGIONAL

In close harmony. R. Ostrovskii. Bibliotekar' no. 8: 31-33 Ag '56.

Spread the experience of progressive libraries. K. Mikhailov. Bibliotekar' no. 8:26-29 Ag '56.

LIBRARIES, RURAL
(see also subdivision under Chopovichi District; Leningrad Province; Transcarpathia)

The district library. Sots. kul't. 10 no. 8:1-2 Ag '56.

Improve the administration of rural libraries. G. Mogushchii, Iu. Buchatskii, M. Khmelenko. Bibliotekar' no. 8:23-26 Ag '56.

Libraries participate in the All-Union Agricultural Exhibition. R. Gapchenko. Bibliotekar' no. 8:17-22 Ag '56.

Obstacles in making books available to the rural population. I. Frumin. Bibliotekar' no. 7:12-17 Jl '56.

Review of work by rural libraries. L. Kazutova, A. Safronov. Bibliotekar' no. 7:17-19 Jl '56.

LIBRARIES, SPECIAL
(see also subdivision 'Special libraries' under Moscow)

In resort libraries. T. Andrievskaia. Bibliotekar' no. 7:36-37 Jl '56.

LIBRARIES, TECHNICAL see Technical libraries

LIBRARIES, TRAVELING

Propagandists of the book. D. Povaliaev. Bibliotekar' no. 8:20-30 Ag '56.

LIBRARIES, UNIVERSITY AND COLLEGE
(see also subdivision under Moscow)

Organizational and methodological assistance are needed. I. V. Misharev. Vest. vys. shkoly 14 no. 8:39-44 Ag '56.

Use various methods to promote books and bibliographic information. A. G. Karimullin and others. Vest. vys. shkoly 14 no. 8:44-50 Ag '56.

LIBRARIES, WORKINGMEN'S

Useful manual ("Organizing book holdings and catalogs in trade-union libraries." V. V. Petrovskii. Reviewed by V. Chorniavskaia). Klub 5 no. 5:21 My '56.

LIBRARIES AND READERS
(see also subdivision under Ternopol Province; Uzhgorod)

Birkina, N.N. [Publicizing agricultural literature in libraries] Propaganda sil'skokhoziaistvennoi literatury v bibliotekakh. Kharkiv, Vyd-vo Knyzhkovoi palaty URSR, 1954. 77 p.

How we promote materials of the 20th Congress of the Communist Party of the Soviet Union. V. Zurliskaia. Bibliotekar' no. 7:10-12 Jl '56.

Work with newspapers and magazines in the library; consultation. R. Landa. Sots. kul't. 9 no. 8:36-37 Je '56.

LIBRARY SCIENCE

Reinforce the methodological aid given to public libraries. Bibliotekar' no. 7:33-34 Jl '56.

LICHEN RUBER

Clinical aspects of lichen ruber planus. M. M. Guseinov and others. Vest. ven. i derm. no. 3:46-49 My-Je '56.

LICHENS
(see also subdivision under Ukraine)

The first medicinal preparation from lichens. V. P. Savich. Vest. AN SSSR 26 no. 7:45-47 Jl '56.

Systematic position of lichens and the main phylogenetic lines of their development. A. M. Oksner. Ukr. bot. zhur. 13 no. 1:15-30 '56.

LIDA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Constant attention to visual propaganda. A. Kaz'min. Komm. Bel. 20 no. 8:32-35 Ag '56.

LIEBERMANN REACTION

Liebermann reaction for the nitroso group. G.J. Vanag, E.J. Luksevics. Zhur. ob. khim. 26 no. 5:1400-1401 My '56.

LIENKONG COUNTY, CHINA—RADIO

The supply of radios in Lienkong County. Kitai no. 5:11-12 My '56.

LIEPAJA—AUTOMOBILE DRIVERS

A progressive auto school. I. Perfurov. Avt. transp. 34 no. 5:31 My '56.

LIFESAVING

Divers. Al. Less. Voen. znan. 31[i.e. 32] no. 5:20 My '56.

Training lifeguards. I. Faizullin. Voen. znan. 31[i.e. 32] no. 5:21 My '56.

LIGATURE (SURGERY)

Universal instrument for ligating large vessels. N. P. Egorychev. Voen.-med. zhur. no. 9:60-61 S '55.

LIGHT

Effect of glaring light on the perception of depth. O.L. Kanavets. Trudy Inst. biol. fiz. no. 1:192-199 '55.

LIGHT—PHYSIOLOGICAL EFFECT

Chlorophyll concentration in the chloroplasts of sweet cherry leaves as affected by the light regime. T. N. Godnev, N. S. Sudnik. Fiziol. rast. 3 no. 4:352-354 Jl-Ag '56.

Effect of discontinuous artificial lighting on the egg production of chickens. E. V. Naitoli. Sel'khoz. Kirg. no. 4:63-64 Ap '56.

Effect of light and darkness on conditioned reflex activity. N. M. Shcherbakov, IE. A. Sokolova. Fiziol. zhur. [Ukr.] 1 no. 1:15-24 Ja-F '55.

Effect of light on the oxidation-reduction transformations of cytochrome and sensitization of these reactions by chlorophyll and bacteriochlorophyll. A. A. Krasnovskii, K. K. Voinovskaia. Biofizika 1 no. 2:120-126 '56.

Effect of the brightness of background and the angle of action of glaring light on complex motor reactions in man. O. L. Kanavets-IAkovleva. Biofizika 1 no. 3: 254-261 '56.

Investigating reflex reactions of the hypophysis to stimulation by light in animals in a continuous experiment. Report no. 1: Effect of light on the secretion of oxytocin and melanophorin in dogs. S. B. Aksent'iev. Fiziol. zhur. [Ukr.] 1 no. 2:38-46 Mr-Ap '55.

Speeding up the aging of fur in young minks by changes in lighting conditions. N. P. Khronopulo. Kar. i zver 9 no. 4:30-34 Jl-Ag '56.

LIGHT—SCATTERING

Investigation of polyvinyl acetate solutions by the light scattering method (with English summary in insert). V. N. TSvetkov, S. IA. Kotliar. Zhur. fiz. khim. 30 no. 5:1100-1103 My '56.

Investigating the molecular dispersion of light in liquid solutions. II. P. Roshchina, M. M. Dadenkova. Dop. AN URSR no. 6:448-452 '54.

LIGHT FILTERS

Preparation of solid narrow-banded light filters for colorimetry in the spectral region of 3100 - 3600 Å. S. N. Andreev, V. G. Khaldin. Trudy Kom. anal. khim. 7:201-204 '56.

LIGHTING

Sidorov, M.A. [From shavings to electricity] Ot luchiny do elektrichestva. Pod red. N.A.Kaptsova, Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 61 p. (Nauchno-populiarnaia biblioteka, no. 56)

LIGHTING, ARCHITECTURAL AND DECORATIVE

Illuminating commercial premises. N. V. Volotskoi. Arkhit. i stroi. Len. no. 2:46 Je '56.

LIGHTNING

Ball lightning during a winter thunderstorm. T. F. Gerasimenko. Priroda 45 no. 7:109-110 Jl '56.

LIGHTNING PROTECTION

Protection of rural electric installations from lightning surges. D. V. Shishman. Elektrichestvo no. 8:47-50 Je '56.

LIGHTWEIGHT CONCRETE
(see also subdivision 'Concrete, Lightweight' under Sweden)

Crack formation in lightweight reinforced concrete. V. K. Balavadze. Soob. AN Gruz. SSR 17 no. 4:329-336 '56.

Lightweight wall panels with foam glass insulation. N. V. Morozov, L. F. Illarionova. Biul. stroi. tekh. 13 no. 6: 13-15 Je '56.

LIGNITE

Extraction of mineral wax and of mineral tars (bitumens) from brown coal by means of butyl alcohol. N. G. Golovanov, I. V. Brovchinskii. Ukr. khim. zhur. 17 no. 1: 86-92 '51.

LIKHACHEV, IVAN ALEKSEEVICH, 1806-1956

I. A. Likhachev; obituary. Ogonek 34 no. 27:25 Jl '56.

Ivan Alekseevich Likhachev. Avt. dor. 19 no. 6:(Insert) Je '56.

Ivan Alekseevich Likhachev. Avt. transp. 34 no. 6:insert Je '56.

LIKHOSHERSTOV, MIKHAIL VASIL'EVICH, 1902-1950

In memory of M.V. Likhosherstov. A.A. Petrov. Zhur. ob. khim. 26 no. 5:1515-1516 My '56.

LILIES OF THE VALLEY

Effect of convallaria majalis preparations on intestinal interoceptors. G. G. Bakhtadze. Soob. AN Gruz. SSR 17 no. 4:359-364 '56.

LILINA, MARIIA PETROVNA

Mariia Petrovna Lilina. N. Gorchakov. Teatr 17 no. 6: 191 Je '56.

LIMAN DISTRICT—AMATEUR ART ACTIVITIES

In these busy days. P. Oleksiienko. Sots. kul't. 10 no. 8:14-15 Ag '56.

LIMAN DISTRICT—MELONS

Growing vine crops is a highly profitable branch of agriculture. T. F. Chubov. Sad i og. no. 6:11-14 Je '56.

LIMBS, ARTIFICIAL see Artificial limbs

LIME
(see also subdivision under Great Britain)

Effect of early liming on the yield of perennials. V. F. Skvortsov. Ud. i ur. 1 no. 5:20-24 My '56.

Liming acid turf-Podzolic soils in the non-Chernozem region of the U. S. S. R. A. P. Kevorkov. Ud. i ur. 1 no. 5:3-8 My '56.

Scientific principles of liming. O. K. Kedrov-Zikhman. Ud. i ur. 1 no. 5:9-19 My '56.

Using machines in soil liming. S. M. Minevych. Mekh. sil'. hosp. 7 no. 1:17-19 Ja '56.

LIME KILNS

Conversion of lime kilns from solid fuel to natural gas. I. F. Lobachev. Sakh. prom. 30 no. 5:53-54 My '56.

LIMITATION OF ACTIONS

Obligations which cannot be maintained in a suit in Soviet civil law. V. A. Bek. Dop. ta pov. L'viv. un. no. 4, pt. 1: 21-22 '53.

LINDEN

Unutilized resources. S. M. El'kin. Les. khoz. 9 no. 6: 24 Je '56.

LINDENBAUM, LEV MOISEEVICH, 1888-1956

Obituaries. Stomatologiia 35 no. 3:84 My-Je '56.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

One class of infinite systems of linear algebraic equations. I. M. Rapoport. Dop. AN URSR no. 3:6-10 '48.

Properties of sets of Jacobian and generalized-Jacobian systems. G. V. Pfeiffer. Zbir. prats' Inst. AN URSR no. 9:55-61 '48.

LINGUISTICS see Language and languages; Philology

LINK TRAINERS

Combined apparatus for studying the vestibular apparatus and training of flyers. A. C. Barer. Voen.-med. zhur. no. 5:73-75 My '56.

LINOVSKII, IAROSLAV AL'BERTOVICH, 1818-1846

IAroslav Al'bertovich Linovskii, 1818 - 1846. I. F. Kopyl. Nauka i perod. op. v sel'khoz. no. 6:75 Je '56.

LINSEED see Flaxseed

LIPASE

Connection between the lipase of the liver and ascorbic acid. S. P. Bondareva. Ukr. biokhim. zhur. 23 no. 4:447-452 '51.

LIPIDS

Effect of various quantities of food in the body on the secretion of lipids with bile. M. P. Apanasiuk. Vop. med. khim. 2 no. 2:122-127 Mr-Ap '56.

Liponucleoproteins of Corynebacterium diphtheriae. E. K. Alimova. Ukr. biokhim. zhur. 28 no. 2:193-200 '56.

LIPIDS—CONGRESSES see subdivision under Ghent

LIPIODOL

Diagnostic and therapeutic purpose of intrabronchial administration of a penicillin lipiodol emulsion which can be observed by X-rays. G. M. Akinfin, M. S. Bondarchuk. Voen.-med. zhur. no. 4:67-69 Ap '56.

LIPOPROTEINS

New data on lipoproteins in blood and organs. N. V. Oknev. Ukr. biokhim. zhur. 22 no. 2:215-223 '50.

State of chlorophyll in the leaves of green plants. D. I. Sapozhnikov, T. G. Maslova. Trudy Bot. inst. Ser. 4 no. 11:97-115 '56.

LIPS—CANCER

Roentgenotherapy of cancer of the lower lip. L. D. Zaslavskii, K. P. Bagrianskii, N. D. Anfimova. Vest. rent. i rad. 31 no. 3:31-34 My-Je '56.

LIPS—SURGERY

Method of concealing lip defects with tissue from the other lip. A. F. Ivanov. Stomatologiia 35 no. 3:25-27 My-Je '56.

LIQUID FUELS
Gasification of heavy liquid fuels. V. T. Vdovichenko. Trudy Inst. isp. gaza AN URSR 3:31-45 '55.
Methods for efficient processing of shales for gas and liquid fuel production. V. A. Zhukov. Trudy LIEI no. 9:63-89 '55.
Repeated stabilization of fuels by antioxidants. Z. A. Sablina, A. A. Gureev. Khim. i tekh. topl. no. 7:61-64 Jl '56.

LIQUID FUELS—ANALYSIS
Calcium hydride method for determining water content in liquid fuels. P. A. Rybakov, T. D. Lysenko. Khim. i tekh. topl. no. 7:57-60 Jl '56.

LIQUID FUELS—BIBLIOGRAPHY see Bibliography—Liquid fuels

LIQUID LEVEL INDICATORS
Remote level indicator. M. K. Demchenko. Masl.-zhir. prom. 22 no. 4:21-22 '56.

LIQUID METALS
Determination of the weight of liquid steel in the ladle during pouring. A. P. Rogach, P. K. Tiunkova, A. S. Romanenko. Metallurg no. 2:38-39 F '56.

LIQUIDS
Classification of pure liquids. D. A. Pospekhov. Zhur. fiz. khim. 30 no. 5:1186-1188 My '56.

LIQUIDS—COMPRESSIBILITY see Compressibility

LIQUIDS—ELECTRIC PROPERTIES
Variation of electrolytic conductance of individual liquids and solutions in relation to temperature. M. A. Klochko. Izv. Sekt. fiz.-khim. anal. 27:50-74 '56.

LIQUIDS, KINETIC THEORY OF
Temperature, pressure and volume dependence of the kinetic properties of liquids and glasses. N. I. Shishkin. Zhur. tekh. fiz. 26 no. 7:1461-1482 Jl '56.

LISTENING see Attention

LISTERELLA see subdivision under Novosibirsk Province

LITERARY COLLABORATION see Authorship—Collaboration

LITERARY CRITICISM see Criticism

LITERARY ETHICS
Inter alia: A sad unanimity. L. S. Novyi mir 32 no. 9: 282 S '56.

LITERARY EXCHANGES see Exchanges, Literary and scientific

LITERARY STYLE see Style, Literary

LITERATURE
Our mail. Inostr. lit. no. 7:261-264 Jl '56.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—BIOGRAPHY see Authors

LITERATURE—COMPETITIONS
Contest by "Molodezh mira" ["World youth"] in honor of the sixth festival. Mol. mira no. 6:20 '56.

LITERATURE—HISTORY AND CRITICISM
At the Gor'kii Institute of World Literature; discussion on tasks of the Institute. U. A. Gural'nik. Vest. AN SSSR 26 no. 8:91-93 Ag '56.
Don't just explain but also make alterations ("On the riches of art; collection of articles." B. Riurikov. Reviewed by V. Pertsov). Novyi mir 32 no. 7:246-249 Jl '56.
Ivan Franko on literature; on the 100th anniversary of his birth. Oktiabr' 33 no. 8:164-172 Ag '56.
The year's results in literature. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:279-286 My-Je '56.
Yes, we consider them our friends. A. Rashkovskaia. Neva no. 7:169-173 Jl '56.

LITERATURE—PERIODICALS
(see also subdivision under France)
Without allowances for youth; remarks on the literary periodical "Na Severe dal'nem." A. Stepanov. Dal', Vost. 24 no. 3:180-182 My-Je '56.

LITERATURE—STUDY AND TEACHING
In order to know one another better. Viktor Shklovskii. Novyi mir 32 no. 6:276-277 Je '56.
The poetry of research ("Introduction to the technique of literary research." P. N. Berkov. Reviewed by I. Aizenshtok). Neva no. 6:179-180 Je '56.
Work on foreign literature outside class. V. M. Kalashnikov. Lit. v shkole 17 no. 4:93-96 Jl-Ag '56.

LITERATURE AND MORALS
To incite or to restrain? N. Razgovorov. Novyi mir 32 no. 9:226-229 S '56.

LITERATURE AND SCIENCE
An important precept; M. Gor'kii on ties between science and literature. G. Mendelevich. Nash. sovr. 2:226-331 '56.

LITERATURE AS A PROFESSION see Authorship

LITERATURES see subdivision under Russia

LITHIUM see subdivision under United States

LITHIUM ALUMINUM HYDRIDE
Reduction of β-amino acids by lithium aluminum hydride. V. M. Rodionov, V. V. Kiseleva. Izv. AN SSSR. Otd. khim. nauk no. 5:575-577 My '56.

LITHIUM FLUORIDE
Thermodynamic properties of lithium fluoride. N. K. Voskresenskaia and others. Izv. Sekt. fiz.-khim. anal. 27:233-238 '56.

LITHIUM ORGANIC COMPOUNDS
Interaction of 1,4-dilithiumdihydrodiphenyl with alkyl halides. E. P. Kaplan, Z. I. Letina, A. D. Petrov. Zhur. ob. khim. 26 no. 5:1243-1246 My '56.
Lithium-organic synthesis and properties of α- and β-alkenylsilanes. A. D. Petrov, G. I. Nikishin. Zhur. ob. khim. 26 no. 5:1233-1239 My '56.

LITHUANIA—ARCHITECTURE
National architecture of Lithuania. K. Šešelgis. Arkhit. SSSR no. 6:28-30 '56.

LITHUANIA—FORESTS AND FORESTRY
Conference of foresters of the Lithuanian S. S. R. Les. khoz. 9 no. 6:96 Je '56.

LITHUANIA—HUNTING
Hunters of Soviet Lithuania. A. Bulota. Okh. i okh. khoz. no. 7:9-10 Jl 56.

LITHUANIA—RELATIONS (GENERAL) WITH FINLAND
Lithuanian tourists as guests of northern neighbors. M. Liubeckis. V zashch. mira no. 62/63:142-147 Jl-Ag '56.

LITHUANIA—REPATRIATION
In our homeland again. B. Pishchik. Sov. zhen. 12 no. 10:4-8 O '56.
Return. Krisius Baliukonis. Sov. Soiuz no. 5:24-25 My '56.

LITHUANIA—STOCK AND STOCKBREEDING
Lyubcha-Kapsukas. L. Viktarau. Belarus' 13 no. 8: 6 Ag '56.

LITHUANIA—SWINE
Analysis of the work of the "Jasūnai" State Farm. P. M. Burda. Svinovodstvo no. 4:29-32 Je '56.

LITHUANIAN COOKERY see Cookery, Lithuanian

LITTROV, IOSIF ANTONOVICH, 1781-1840
I. A. Littrov, the teacher of N. I. Lobachevskii. I. IA. Depman. Ist.-mat. issl. no. 9:111-122 '56.

LIU YAO-TSUNG
Happiness of work. Nar. Kit. no. 14:34-37 Jl '56.

LIUBERTSY—EXHIBITIONS
Thoughts apropos and exhibition. Klub 6 no. 8:21-22 Ag '56.

LIUBIMOVA, VALENTINA
Your new play? Teatr 17 no. 8:172-173 Je '56.

LIUBOKHNA—FOUNDING
Charging the metal into molds on a suspended conveyer. V. E. Taruntaev. Lit. proizv. no. 7:32 Jl '56.

LIVER
Comparative study of liver proteins and transplanted hepatoma. A. M. Kuzin, I. N. Romanova. Vop. med. khim. 2 no. 2:96-102 Mr-Ap '56.
Confinement of the liver dome in diaphragmal hernia. P. S. Mironov. Khirurgiia no. 5:74 My '56.
Connection between the lipase of the liver and ascorbic acid. S. P. Bondareva. Ukr. biokhim. zhur. 23 no. 4:447-452 '51.
Correlations of protein fractions and their easily hydrolized carbohydrates in the liver of mice with transplanted hepatoma, in the tissue of the tumor, and in the liver of healthy mice. A. M. Kuzin, A. A. Tustanovskii, G. A. Garzunova-Dal'skaia. Vop. med. khim. 2 no. 1:42-46 Ja-F '56.
Effect of chloral hydrate and medinal on oxidative phosphorylation in the crushed liver tissues of guinea pigs. K. I. Strachitskii, L. A. TSeitlin. Vop. med. khim. 2 no. 2:83-88 Mr-Ap '56.
Inhibition of the phosphorylation of glucose in the alloxan diabetes [with English summary in insert]. A. N. Petrova, R. M. Bekina. Biokhimiia 21 no. 3:368-373 My-Je '56.
Liver function in pemphigus. N. V. Kolokolova. Vest. ven. i derm. no. 3:13-15 My-Je '56.
Thymol test in syphilis. G. E. Shinskii. Vest. ven. i derm. no. 3:50-51 My-Je '56.

LIVER—DISEASES
Treatment of hepatitis and hepatocholecystitis at the Dzhermuk watering place and health resort and its effect on some indicators of carbohydrate and pigment metabolism. G. I. Agadzhanian. Vop. kur. fizioter. i tech. fiz. kul't. 21 no. 1:86-87 Ja-Mr '56.

LIVER—WOUNDS AND INJURIES
Air embolism in wounds of the liver. D. I. Drozdov, K. P. Mordovskii. Voen.-med. zhur. no. 3:83-84 Mr '56.
"Closed wounds of the liver." G. F. Nikolaev. Reviewed by I. N. Kruk. Khirurgiia no. 5:87-89 My '56.

LIVER EXTRACT
Use of campolon made from marine animal livers. M. G. Semenova. Sov. med. 20 no. 5:72-73 My '56.

LIVER FLUKE
Experimental infection of final hosts with the metacercariae of Dicrocoelium lanceatum Stiles et Hassal, 1896 (Trematoda, Dicrocoeliidae). P. K. Svadzbian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:89-93 Jl '56.
Galba truncatula Müll., a carrier of fasciollasis in Alpine waters of the Carpathians. V. I. Zdun. Nauk. zap. L'viv. nauk. pryrod. muz. AN URSR 4:109-112 '55.

LIZARDS
Ecological histology of the iris musculature in Lacerta agilis. E. I. Koluss. Dokl. AN SSSR 100 no. 2:337-340 My '56.
Naturalist's corner. Ogonek 25 no. 52:31 D '47.

LOADING AND UNLOADING
(see also subdivision under Germany, West)
Device for the even loading of grain in railroad cars. S. Karabanov. Muk.-elev. prom. 22 no. 6:10-12 Je '56.
Equipment for unloading grain from railroad cars. Muk.-elev. prom. 22 no. 7:32 Jl '56.
Equipping flatcars for gravel hauling. T. Z. Zakharov, V. P. Trusov. Les. prom. 34 no. 6:16 Je '56.
Experience with introducing mechanized unloading of cement. B. V. Ivanov. Mekh. stroi. 13 no. 7:24-28 Jl '56.
For more extensive mechanization of loading operations. Les. prom. 34 no. 7:1-3 Jl '56.
Loading tree-length logs by the tractor-mounted crane developed by the Central Scientific Research Institute of Logging. I. O. Onipenko. Les. prom. 34 no. 7:13-14 Jl '56.
Logging barges with gravity unloading. A. Sviridov, F. Sedov, V. Rinzanov. Les. prom. 34 no. 8:21-23 Ag '56.
Mechanical loading of chemicals onto airplanes. B. Morev. Grazhd. av. 13 no. 6:19-20 Je '56.
Mechanization of coal loading from hoppers to railroad cars. V. M. Il'in, P. A. Zenin. Mekh. trud. rab. 10 no. 7:34-35 Jl '56.
Mechanization of grain cleaning and loading in threshing barns. P. M. IEfukh. Mekh. sil'. hosp. 7 no. 6:22-24 Je '56.
Platonov, P. N. and K. I. Kutsenko. [Mechanization of the loading and unloading of goods in sacks] Mekhanizatsiia pogruzki i vygruski zatarennykh v meshki gruzov. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1955. 83 p. (DA)
Pneumatic unloading of logs from long conveyers. P. P. Zheimichuzhnikov, V. I. Shibalov. Les. prom. 34 no. 8:24-27 Ag '56.
Provide loading and unloading machinery for truck fleet establishments. S. Kozlov. Avt. transp. 34 no. 6:30 Je '56.
Self-propelled sack loader. M. P. Grishin, M. F. Sushkov Mekh. trud. rab. 10 no. 7:36-37 Jl '56.
Tractor-driven loader. P. K. Smoliar, V. S. Chernus. Mekh. sil'. hosp. 7 no. 6:22 Ag '56.
Using machinery for the mechanization of loading and unloading. S. V. Belov, G. IA. Smirnov. Mekh. stroi. 13 no. 6:17-21 Je '56.

LOADING AND UNLOADING—BIBLIOGRAPHY see Bibliography—Loading and unloading

LOBACHEVSKII, NIKOLAI IVANOVICH, 1792-1856
Activities of N. I. Lobachevskii in the field of public education, P. F. IAkunin. Ist.-mat. issl. no. 9:139-144 '56.
Gauss and Lobachevskii. A. P. Nordon. Ist.-mat. issl. no. 9:145-168 '56.
Göttingen Scientific Society and N. I. Lobachevskii. Ist.-mat. issl. no. 9:107-110 '56.
The house in which N. I. Lobachevskii was born. N. I. Privalova. Ist.-mat. issl. no. 9:49-64 '56.
I. A. Littrov, the teacher of N. I. Lobachevskii. I. IA. Depman. Ist.-mat. issl. no. 9:111-122 '56.
Letter of K. F. Gauss to I. M. Simonov. Ist.-mat. issl. no. 9:101-106 '56.
N. I. Lobachevskii and the Kazan Economics Society. D. S. Gutman. Ist.-mat. issl. no. 9:77-100 '56.

LOBACHEVSKII, NIKOLAI IVANOVICH, 1792-1856 (Continued)

Shirokov, P. A. [A short sketch of the fundamentals of Lobachevskii geometry] Kratkii ocherk osnov geometrii Lobachevskogo. Moskva, Gos. izd-vo tekhn.-teoret. lit-ry, 1955. 87 p. (RPB)

Some contributions to the biography of N.I. Lobachevskii. B.V. Fedorenko. Ist.-mat. issl. no. 9:65-75 '56.

Supplementary materials to the history of the spread of N.I. Lobachevskii's ideas in Russia. IU.M. Gaiduk. Ist.-mat. issl. no. 9:215-240 '56.

When and where was N.I. Lobachevskii born; note on the place and date of birth of N.I. Lobachevskii. A.A. Andronov. Ist.-mat. issl. no. 9:9-48 '56.

Who was the author of the anonymous review of Lobachevskii's "Pan-geometrie" in "Otechestvennye zapiski"? V.P. Zubov. Ist.-mat. issl. no. 9:123-126 '56.

LOCAL ANESTHESIA

Anesthesia in operations on the penis. P. Kh. Gaiduk. Khirurgiia no. 5:76 My '56.

Intradermal novocaine block in the cardiac region in stenocardia. R. S. Aronina. Sov. med. 20 no. 6:62-63 Je '56.

Intraosseous anesthesia in gunshot wounds of the limbs. R.I. Muradian. Voen.-med. zhur. no. 6:37-41 Je '56.

Intravenous anesthesia below a tourniquet in the treatment of hand and finger wounds. Z.I. Rovinskii, IU.F. Lotoiskii. Voen.-med. zhur. no. 3:81-82 Mr '56.

Modification of conduction anesthesia of the inferior alveolar nerve. R.B. Sarmanaev. Stomatologiia 35 no. 3:57 My-Je '56.

Orbital path of suborbital anesthesia. S.N. Vaisblat. Stomatologiia 35 no. 3:17-18 My-Je '56.

Treatment of the manic phase of manic-depressive psychosis by lumbar novocaine blocks. P. Dimitrov. Zhur. nevr. i psikh. 56 no. 7:555-558 '56.

LOCAL GOVERNMENT

Azovkin, I.A. [The cultural and educational work of regional soviets of workers' deputies] Kul'turno-vospitatel'naia rabota raionnogo Sovets deputatov tudiashchikhsia. Moskva, Gosturizdat, 1956. 205 p. DS

Dubinin, G.M. [The work of a deputy] Opyt raboty deputata. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 58 p.

Savenkov, N.T. [Principal activities of local soviet deputies] Osnovnye formy deiatel'nosti deputata mestnogo soveta. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 87 p.

LOCARNO CONFERENCE, 1925

Unpublished documents of the Locarno conference. Mezhdunar. zhizn' no. 7:152-159 Jl '56.

LOCKOUTS see Strikes and lockouts

LOCKS (HYDRAULIC ENGINEERING)
(see also subdivision under Austria)

Sluices and locks. L.N. Rusanov. Gidr. stroi. 26 no. 5:59-63 Je '56.

LOCKS AND KEYS—STANDARDS

All-Union State Standard for doors (locks and latches). Biul. stroi. tekh. 13 no. 7:34 Jl '56.

LOCOMOTIVES
(see also subdivision under Switzerland)

Carrying out business accounting within the plant. N. Kos'min, R. Daenman. Vop. ekon. no. 7:32-42 Jl '56.

On a single engineer's brake valve. V.N. Gorn. Tekh. zhel. dor. 15 no. 4:17-19 Je '56.

LOCOMOTIVES—REPAIRS

Labor reorganization in a repair shop. V. Koplilkin. Sots. trud no. 7:79-80 Jl '56.

LOCOMOTIVES, GAS-TURBINE see Gas-turbine locomotive

LOCUST (TREE)
(see also subdivision under Ukraine)

Black locust. V. Pashkevich. Sad i og. no. 7:74-75 Jl '56.

Degeneration of shoots of black locust plantations. Ukr. bot. zhur. 13 no. 1:100-104 '56.

LOESS
(see also subdivision under Caucasus, Northern; Molochnaya Valley)

Flames under the ground. Sergei Gushchev. Tekh. mol. 24 no. 6:34-38 Je '56.

Single mixture process of silicifying quicksand and loess. V.V. Askalonov. Trudy NII osn. i fund. no. 17:15-33 '52.

LODGING-HOUSES see subdivision under Vitebsk

LOGARITHMS

Girshvai'd, L. [History of the invention of logarithms] Istoriia otkrytiia logarifmov. Khar'kov, Izd-vo gos. univ, 1952. 31 p. (RPB)

LOGIC

Role of induction in knowledge. G.A. Podkorytov. Vest. Len. un. 11 no. 11:54-67 '56.

LONDON—BUILDING MACHINERY—EXHIBITIONS

Exhibition of building machinery in London. A.I. Shchepet'ev. Mekh. trud. rab. 10 no. 7:42-45 Jl '56.

LONDON—DESCRIPTION

"How are you, Mr. London?" ("What I saw, learned, and understood during my two trips to London." S.Obraztsov. Reviewed by IU. Petrovskii). Neva no. 8:178-179 Ag '56.

LONDON—MOTION-PICTURE FESTIVALS

Season of Soviet films in England. Isk. kino no. 6:118 Je '56.

LONDON—THEATER

Workshop Theater. Diana Purcell. V zashch. mira no. 60:67-72 My '56.

LONDON—THEATER—PERIODICALS

A review of theater magazines. Teatr 17 no. 6:151-153 Je '56.

LONGEVITY

Longevity. P.V. Ukraina no. 15:10 Ag '56.

Records of longevity. Zmina no. 5:24 My '56.

LONGITUDE

New method for computing preliminary coordinates of the pole used by Soviet latitude facilities. A.IA. Orlov. Trudy Polt. grav. obser. 5:17-25 '55.

LOOMS

Lipshits, N.V. [Organization and maintenance of AT-175sh automatic loom] Ustroistvo i obsluzhivanie avtomaticheskikh tkatskikh stankov AT-175sh. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 137 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

LOONS

Loon hunting. N. Nemnonov. Vokrug sveta, no. 6:58-59 Je '56.

LORD'S SUPPER

"The Holy Eucharist" [in German]. A. Rinkel. Reviewed by A. Sergeenko. Zhur. Mosk. Patr. no. 5:74-78 My '56.

LOS ANGELES—OLYMPIC GAMES

From the history of the Olympic games. S. Petrov. Fizk. i sport 20 no. 8:32 '56.

LOTTERIES

We won! Sov. Soiuz no. 5:0-0 My '56.

LOTUS see subdivision under Armenia

LOUD SPEAKERS see subdivision under Poland

LOVE

About this; literary notes. Grigorii Vartanov. Sov. Ukr. 6 no. 6:153-158 Je '56.

LOW TEMPERATURE RESEARCH
(see also subdivision under United States)

Condensation of vapor mixtures in deep freezing. G.P. Golovinskii. Zhur. tekh. fiz. 26 no. 6:1309-1328 Je '56.

LOZOVAYA DISTRICT—MACHINE-TRACTOR STATIONS

Highly esteemed right won by work. L. Andrienko, A. Buka. MTS 16 no. 7:4-7 Jl '56.

LOZOV'IAGIN, FEDOR PAVLOVICH

Our best hunter. A. Nesmeniaev. Okh. i okh. khoz. no. 7:8 Jl '56.

LUBNY—PHARMACY, MILITARY—HISTORY

From the history of the Lubny field pharmacy; historical reference. F.F. Isaev. Voen.-med. zhur. no. 9: 92-93 S '51.

LUBNY (POLTAVA PROVINCE)—DESCRIPTION

Well, there's Lubny! Viktor Bezorud'ko. Ukraina no. 11:10-11 Je '56.

LUBRICATION AND LUBRICANTS
(see also subdivision under Moscow)

Basic theory for the stability of the journal motion in an oil layer. M.V. Korovchinskii. Tren. i izn. mash. no. 7:223-237 '53.

Determining the quality of a lubricant by new method. A.K. D'iachkov. Tren. i izn. mash. no. 7:258-260 '53.

Diesel stopping device for cases of oil pressure drop in the main distributor. I. Shumilo, G. Kheifman. Mor. flot 16 no. 6:28-29 Je '56.

Grease syneresis. Part I. V.M. Martynov. Khim. i tekh. topl. no. 6:61-66 Je '56.

Investigating the process of evaporation of heavy cylinder oils. A.I. Piskunova. Khim. i tekh. topl. no. 4:50-55 Ap '56.

Operating properties of motor oils derived from Eastern sulfurous petroleums. V. Filippov, P. IUrchenko. Avt. transp. 34 no. 5:21-23 My '56.

Organic phosphorous wear-reducing additives for oils. G.V. Vinogradov and others. Khim. i tekh. topl. no. 5:47-49 My '56.

Stability of the state of equilibrium of the journal in lubricant layer. M.V. Korovchinskii. Tren. i izn. mash. no. 11:264-323 '56.

Use of tagged atoms in analyzing the mechanism of the action of anticorrosive additives on oils. IU.S. Zaslavskii and others. Khim. i tekh. topl. no. 4:37-39 Ap '56.

LUBRICATION AND LUBRICANTS—BIBLIOGRAPHY see Bibliography—Lubrication and lubricants

LUBRICATION AND LUBRICANTS—STANDARDS

Methods of determining the operational quality indexes of synthetic lubricating greases. D.S. Velikovskii. Standartizatsiia no. 3:41-44 My-Je '56.

LUCHOB VALLEY—MONZONITES

Monzonite in the upper Luchob Valley. R.B. Baratov. Dokl. AN Tadzh. SSR no. 12:27-29 '54.

LUGUMINOSAE see subdivision under Azerbaijan

LUHOVTSOV, MAKSYM VLASOVYCH

Maksym Vlasovych Luhovtsov; obituary. Visnyk AN URSR 27 no. 6:79 Je '56.

LUKHOVITSY DISTRICT—CORN (MAIZE)

Careful cultivation of corn. A.A. Ivanov. Mosk. kolkh. 5 no. 6:7-8 Je '56.

LUMBER see subdivision under Ryazan Province

LUMBER—DRYING
(see also subdivision under Canada)

Drying lumber in the chamber-24 produced by the Central Scientific Research Institute for Machine Woodworking. S.I. Shestialtynov and others. Der. prom. 5 no. 6:18-19 Je '56.

Faster drying of lumber. E. Solov'ev. Sel'. stroi. 11 no. 6:12-15 Je '56.

The mechanics of swelling and shrinkage in wood. A.D. Taranenko. Der. prom. 5 no. 7:12-14 Jl '56.

Transportable wood-drying installations. I.V. Krechetov, B.S. TSarev. Der. prom. 5 no. 7:5-7 Jl '56.

Ways of achieving the norm requirements for quality in chamber drying lumber. N.V. Krasnovskii, L.V. Sakhnovskii. Der. prom. 5 no. 6:3-6 Je '56.

LUMBER—TRANSPORTATION
(see also subdivision under United States; Volga River)

Cable dams in breaking up log jams on mountain rivers. V. Sergutin. Les. prom. 34 no. 6:21-22 Je '56.

Construction of portable structures for log-hauling roads. P.M. Kalashnikov, V.A. Svinoburko. Les. prom. 34 no. 6:14-15 Je '56.

First experiments in using pyramid-shaped holding booms. A.D. Shpaikher, A.N. Shirokov. Les. prom. 34 no. 6:20-21 Je '56.

Overcome technical backwardness in timber floating. T.I. Loginov. Les. prom. 34 no. 7:19-22 Jl '56.

Practice in the mechanized laying of logging spurs. N.E. Hokii. Les. prom. 34 no. 6:13-14 Je '56.

Towing rafts on the Volga-Kama basin reservoirs. M.E. Osipov. Rech. transp. 15 no. 6:15-17 Je '56.

Transporting logs without skidding. G.M. Parfenov. Les. prom. 34 no. 6:8-9 Je '56.

Truck trailers for transporting logs without skidding. V.A. Gorbachevskii. Les. prom. 34 no. 6:4-6 Je '56.

LUMBER TRADE

Production and export of lumber in capitalist countries in 1955. K.T. Senchurov. Les. prom. 34 no. 6:26-27 Je '56.

LUMBER TRADE—STUDY AND TEACHING

First Conference of graduates of the Moscow Lumbering Institute. Les. prom. 34 no. 6:30 Je '56.

LUMBER TRADE—TABLES AND READY-RECKONERS

Kosharnovskii, N.A. [Forest mensuration handbook; tables for conversion into cubic meters, cubic feet and Leningrad standards] Spravochnik po taksatsii lesomaterialov; tablitsy ob"ema lesomaterialov v kubometrakh, kubofutakh i leningradskikh standartakh. Izd. 11-oe, dop. i perer. Moskva, Gos. lesbumizdat, 1956. 503 p.

LUMBERING
(see also subdivision under Russia, Northern; Sweden; Transcarpathia; Ural Mountain region; Yugoslavia)

Bunching full-length logs at loading points. V. Kapustin. Les. prom. 34 no. 7:14 Jl '56.

Corridor-type logging decks. N.K. Poberezhnyi. Les. prom. 34 no. 6:12-13 Je '56.

Improving the wage system in the lumbering industry. P. Boroshnev. Sots. trud no. 7:48-53 Jl '56.

Instrument surveying of felling areas. V.F. Golubev, L.N. Popov. Les. prom. 34 no. 6:10-11 Je '56.

Introduce progressive methods of management in logging operations. Les. prom. 34 no. 6:1-3 Je '56.

Lumbering industry is among the most progressive branches of the national economy. Les. prom. 34 no. 8:1-3 Ag '56.

Plan for the further development of the lumbering industry. V.A. Popov. Les. prom. 34 no. 7:4-7 Jl '56.

LUMBERING—BIBLIOGRAPHY see Bibliography—Lumbering

LUMBERING—EQUIPMENT AND SUPPLIES
(see also subdivision under Kostroma Province)
For more extensive mechanization of loading operations. Les. prom. 34 no. 7:1-3 Jl '56.

LUMBERING—EQUIPMENT AND SUPPLIES—BIBLIOGRAPHY see Bibliography—Lumbering—Equipment and supplies

LUMBERING—EXHIBITIONS
In the "Forest Industry" pavilion. Les. prom. 34 no. 8: 18 Ag '56.

LUMBERING—MACHINERY
(see also subdivision under Segezha District)
Cableway skidder for mountainous areas. M. A. Perfilov, M. F. Lazarev. Les. prom. 34 no. 8:12-15 Ag '56.
For efficient mechanization of log dumps. V. N. Romanchenko, G. N. Romanchenko. Mekh. trud. rab. 10 no. 7:14-16 Jl '56.
For overall mechanization of the process of production. Mekh. trud. rab. 10 no. 7:3-4 Jl '56.
Improving the parts for the KT-12 tree-skidding tractor. V. K. Andronov. Avt. i trakt. prom. no. 6:3-6 Je '56.
LTA-TSNIIME felling and skidding machine. M. Perfilov, N. Shoshin. Les. prom. 34 no. 7:17-18 Jl '56.
Large load winch for stacking logs. Mekh. trud. rab. 10 no. 7:40 Jl '56.
Pneumatic unloading of logs from long conveyers. P. P. Zhemchuzhnikov, V. I. Shibalov. Les. prom. 34 no. 8:24-27 Ag '56.
Remote control of skidding rigs. V. I. Alial'ev, A. M. TSetlin. Mekh. trud. rab. 10 no. 7:9-12 Jl '56.
Sorting stacking and loading tree-length logs with lightweight cable cranes. V. A. Udalov. Mekh. trud. rab. 10 no. 7:12-13 Jl '56.
The textbook "Operation of traction machines." A. M. Kirilukhin and others. Reviewed by V. S. Kadisin. Sred. spets. obr. no. 7:58-59 Jl '56.

LUMBERING—SAFETY MEASURES
Safety techniques in lumbering. L. Bashkovich, V. Zinichev. Sel'. stroi. 11 no. 7:20-21 Jl '56.

LUMBERING—TRANSPORTATION
Logging barges with gravity unloading. A. Sviridov, F. Sedov, V. Riazanov. Les. prom. 34 no. 8:21-23 Ag '56.
Making up sectional rafts inclosed by chain booms. IU. M. Reumov. Les. prom. 34 no. 8:19-21 Ag '56.

LUMBERMEN—RECREATION
Eliminate defects in the system of showing films to lumbermen. N. Kulashnikov, V. Saltykov. Kinomekhanik no. 7:15-16 Jl '56.

LUMINESCENCE
Absorption and luminescence of lead and thallium fluoride solutions. M. U. Belyi, A. A. Shishlovskii. Izv. AN SSSR. Ser. fiz. 20 no. 5:574-578 My '56.
Chemiluminescence of lucigenin. B. D. Ryzhikov. Izv. AN SSSR. Ser. fiz. 20 no. 5:533-536 My '56.
Concluding remarks. V. L. Levshin. Izv. AN SSSR. Ser. fiz. 20 no. 5:608 My '56.
Discussion of the article of N. Riehl, and H. Ortmann, A. Bundel'. Zhur. ob. khim. 26 no. 5:1512-1514 My '56.
Electroluminescence of organic compounds. L. A. Tumerman. Izv. AN SSSR. Ser. fiz. 20 no. 5:552 My '56.
The invisible becomes visible in the light of invisible rays. G. Kolpenskii. Tekh. mol. 23[i. e. 24] no. 7: 33-34 Jl '56.
Kinetics of the luminescence of platinum cyanide compounds. N. A. Tolstoi and others. Izv. AN SSSR. Ser. fiz. 20 no. 5:583-590 My '56.
Luminescence and absorption of lead salt solutions. M. U. Belyi, K. F. Gudymenko. Izv. AN SSSR. Ser. fiz. 20 no. 5:579-582 My '56.
Luminous spectrometric apparatus for the investigation of luminescence. B. S. Neporent, V. P. Kolochkov. Izv. AN SSSR. Ser. fiz. 20 no. 5:601-604 My '56.
Nature of the concentration effects in solutions of acridine compounds. L. V. Levshin. Dokl. AN SSSR 108 no. 2:228 231 My '56.
On two types of luminescence spectra of rare earths in artificial fluorite crystals. I. V. Stepanov, P. P. Feofilov. Dokl. AN SSSR 108 no. 4:615-618 Je '56.
Polarization diagrams for the luminescence of molecular single crystals. N. D. Zhevandrov. Izv. AN SSSR. Ser. fiz. 20 no. 5:553-563 My '56.
Polarized luminescence of cubic crystals. P. P. Feofilov. Izv. AN SSSR. Ser. fiz. no. 5:552 My '56.
Stepanov, B.I. [Luminescence of complex molecules] Liuminestsentsiia slozhnykh molekul. Minsk, Izd-vo Akademii nauk BSSR.
Pt. 1. 1955. 325 p.

LUMIPRINTS
Simple method for making photocopies. B. Fleishen. Radio no. 7:51 Jl '56.

LUNGS—DISEASES
Amount of circulating blood in cardiovascular and pulmonary diseases. P. M. Lovina. Terap. arkh. 28 no. 4: 44-45 '56.
Indications and contraindications for radical surgery in chronic suppurative processes of the lung. V. I. Struchkov. Khirurgiia no. 5:3-9 My '56.

LUNGS—INFARCTION
Case of angioneurotic edema simulating pulmonary infarct. E. I. Bichunskaia. Sov. med. 20 no. 5:78-80 My '56.

LUNGS—INNERVATION
Interoceptive influences from the lungs on blood circulation and respiration in experimental renal hypertension. L. P. Cherkas'kyi. Fiziol. zhur. [Ukr.] 1 no. 3:37-42 '55.

LUNGS—SYPHILIS
Clinical aspects and treatment of pulmonary syphilis. E. M. Levin. Vest. ven. i derm. no. 3:56 Je '56.

LUNGS—WOUNDS AND INJURIES
Functional and anatomical changes in the bronchopulmonary system in radiation sickness. A. S. Amosov. Voen.-med. zhur. no. 6:21-28 Je '56.
Preventing pressure injuries of the lungs while working with the KIP-5 device. M. IA. Apt, Z. I. Nikhamkin. Voen.-med. zhur. no. 3:36-38 Mr '56.

LUNINO DISTRICT—SEED INDUSTRY
A district seed-growing farm. E. IAkushev. Kolkh. proizv. 16 no. 7:19-20 Jl '56.

LUPINE
How perennial lupine sown in interrows affects the growth of some woody plants. N. D. Nesterovich, N. I. Chekalinskaia. Sbor. nauch. rab. inst. lesa AN BSSR no. 6:128-133 '55.
Production of perennial lupine seeds. IU. N. Malygin. Sel. i sem. 21 no. 2:29-33 '56.

LUPUS
Pathology of acute lupus erythematosus. N. N. Pokrovskaia, P. M. Savenkov. Sov. med. 20 no. 5:38-42 My '56.

LUTSEVICH, IVAN DOMINIKOVICH, 1882-
"Dramatic works." IAnka Kupala. Reviewed by Ales' Esakov. Sov. otech. no. 4:118-127 Jl-Ag '56.

LUXEMBURG—RELATIONS (GENERAL) WITH RUSSIA
Five days in Luxemburg. IUstas Paletskis. Nov. vrem. 14 no. 31:12-13 Jl '56.
Honorary medals of the city of Luxemburg. Ogonek 34 no. 37:4 S '56.

LVOV—BALLET
"Peer Gynt." Teatr 17 no. 6:143 Je '56.

LVOV—BOOKSELLERS AND BOOKSELLING
Literary reviews. Z. Petrova. Sov. knizh. torg. no. 7: 15-16 Jl '56.

LVOV—CHORAL SOCIETIES
"Trembita" is singing. D. Mustenko. Sov. Ukr. 6 no. 7:165-167 Jl '56.

LVOV—CONCERTS
Lvov. Sov. muz. 20 no. 7:113 Jl '56.

LVOV—GOVERNMENT, RESISTANCE TO
Bloody incidents in Lvov in April, 1936. B. IA. Rot. Ist. arkh. no. 3:70-87 My-Je '56.

LVOV—HISTORICAL MUSEUMS
Franko's apple trees. Vasyl' Berozhnyi. Ukraina no. 14:6-7 Jl '56.

LVOV—HISTORY
Shakh, Stepan. [Lvov, the city of my youth] L'viv - misto moiei molodosty. Miunkhen, Vyd-vo "Khrystyiana's'kyi holos."
Pt. 3. [The Royal Gymnasium] "TSisars'ko - Korolivs'ka Akademichna Himnaziia." 1950. 302 p.

LVOV—LIBRARIES
Library of the Academy of Sciences of the Ukrainian S. S. R. in Lvov. O. IU. Karpenko. Visnyk AN URSR 24 no. 11:79-80 N '52.

LVOV—MOTION PICTURES, DOCUMENTARY
Letters to the editor. Teatr 17 no. 6:184 Je '56.

LVOV—MUSEUMS
Museum of the great mason. D. TSmokalenko. Sots. kul't. 10 no. 8:6-8 Ag '56.

LVOV—SUGAR MACHINERY
Innovators of the Lvov enterprises of sugar-beet trusts. N. B. Maliuk. Sakh. prom. 30 no. 5:44-47 My '56.

LVOV—TRANSPORT WORKERS
Higher education without interrupting production. M. Arnchislavskii. Avt. transp. 34 no. 5:31 My '56.

LVOV PROVINCE—CORN (MAIZE)
After the lecture of a field unit leader. M. Bil'chenko. Sots. kul't. 10 no. 8:11-13 Ag '56.

LVOV PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
Great opportunities. F. Dobrovol'skii. Raspr. pech. no. 7:13 Jl '56.

LYMPHATICS
Clinical and cytological characteristics of peripheral lymph nodes in cutaneous tuberculosis. O. V. Litovchenko. Vest. ven. i derm. no. 3:8-12 My-Je '56.
Lymphatic vessels of the epiploon in the rabbit. O. S. IUkov. Dokl. AN SSSR 108 no. 2:341-343 My '56.

LYMPHATICS—DISEASES
Cat-scratch disease. G. G. Gromozdov. Voen.-med. zhur. no. 4:51-53 Ap '56.

LYSINE
Lysine content of proteins of the human brain. V. F. Dmitriev. Vop. med. khim. 2 no. 1:40-41 Ja-F '56.

LYSOGORSKIY DISTRICT—RADIO
District completely provided with radio facilities. IA. Gorelkin. Radio no. 7:7 Jl '56.

LYUBLINO—FILMSTRIPS
Sound newsreel. Biok. agit. no. 26:40-43 O '56.

MACARONI
Pshennikov, N. V., and others. [A manual of macaroni production] Spravochnik po makaronnomu proizvodstvu. Pod red. V. V. Luk'ianova. Moskva, Pishchepromizdat, 1956. 473 p.

MACEDONIA—HISTORY
National liberation movement in Monastyrshchina and Kosovo Polje in 1905-1908. IU. A. Pisarev. Uch. zap. inst. slav. 12:85-102 '56.

MACHINE ACCOUNTING
Conference on machine accounting in the Ministry of the Aviation Industry. Bukhg. uchet 15 no. 7:62-63 Jl '56.
Keeping records on the operation of machinery, output, and wages in the textile industry using tabulating machines. N. Drozdov, L. Fel'dman. Bukhg. uchet 15 no. 7:19-26 Jl '56.
Utilize tabulating machines effectively. G. Sigolaev. Den. i kred. 14 no. 7:42-44 Jl '56.

MACHINE-SHOP PRACTICE
Designing cylindrical press molds used in the abrasive industry. M. A. Volkov. Trudy LIEI no. 9:207-210 '54.
Measuring intercenter distances by means of self-centering devices. Kh. L. Shikhel'man. Stan. i instr. 27 no. 6:39-40 Je '56.
Mechanical preparation of surfaces to be plated. V. S. Rystsova. Trudy LIEI no. 8:194-206 '54.
Operating a face plate by using the BF-2 orBF-4 cement. B. I. Kaplunov. Stan. i instr. 27 no. 6:45 Je '56.
Templetless machining of distributing drums and dividing plates. S. A. Orlov, M. Z. Turovskii. Stan. i instr. 27 no. 6:41-43 Je '56.
Tolchenov, T. V. [Technical standardization of machining, fitting and assembling operations] Tekhnicheskoe normirovanie stanochnykh i slesarno-sborochnykh rabot. Pod red. M. M. Shakhnazarova. Izd. 3-e, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo machinostroit. lit-ry, 1956. 399 p.

MACHINE-TOOL INDUSTRY
(see also subdivision under Minsk; Moscow; Sverdlovsk)
Problems of work standardization in machine building. R. I. Khisin. Vest. mash. 36 no. 7:70-75 Jl '56.

MACHINE-TOOL INDUSTRY—STANDARDS
"Standardization and normalization in machine building." A. I. Baranov, V. V. Kuz'min. Reviewed by T. A. Vvedenskii. Vest. mash. 36 no. 7:89-90 Jl '56.

MACHINE TOOLS
Akademiia nauk SSSR. Komissiia po tekhnologii mashinostroeniia. [Automatization of the technological processes in machine construction; the machining of metals and the general problems of automatization] Avtomatizatsiia tekhnologicheskikh protsessov v mashinostroenii; obrabotka metallov rezaniem i obshchie voprosy avtomatizatsii. Moskva, 1956. 320 p.
Automatic control systems used on machine tools. V. V. Vasmanov. Stan. i instr. 27 no. 6:19-22 Je '56.
Automatic machine tools. A. P. Vladzievskii. Nauka i zhizn' 23 no. 7:13-16 Jl '56.
Improving the quality of machines. A. V. Rumiantsev. Vest. mash. 36 no. 7:33-34 Jl '56.
Increasing the working capacity of the cylindrical guide of vertical boring and turning machines. O. A. Levit, M. M. TSyrlin. Stan. i instr. 27 no. 6:1-9 Je '56.
Method of rotation machining through pressing. D. Vaintraub. Prom. koop. no. 5:27-29 My '56.
Modernization of machinery. N. M. Gudim-Levkovich, K. A. Borisov. Vest. mash. 36 no. 7:67-69 Jl '56.
Modernization of vertical boring and turning machines. V. I. Mikutis. Vest. mash. 36 no. 7:66-67 Jl '56.
New machine tools. Stan. i instr. 27 no. 6:42-43 Ag '56.

MACHINE TOOLS (Continued)

New machines at the Leningrad Metallurgical Plant, Energomashinostroenie no. 5:18 My '56.

Ultrasonic machine tools. I. Vainshtok. Tekh. mol. 24 no. 6:9-10 Je '56.

Use of combined units in the modernization of machinery. N. A. Pevtsov, A. N. Govorov. Stan. i instr. 27 no. 8: 18-20 Ag '56.

MACHINE TOOLS—BIBLIOGRAPHY see Bibliography—Machine tools

MACHINE TOOLS—ELECTRIC DRIVING

Selecting suitable electric drives for the feed mechanisms of heavy machine tools. IA. S. Brovman, N. G. Teva. Stan. i instr. 27 no. 6:9-11 Je '56.

Universal machine tool. I. G. Sandomirskii. Nauka i zhizn' 23 no. 6:49 Je '56.

MACHINE TOOLS—HYDRAULIC DRIVING

Selecting optimum parameters for hydraulic servomechanisms used on profiling machine tools. B. L. Korobochkin. Stan. i instr. 27 no. 6:12-19 Je '56.

MACHINE TOOLS—REPAIRING

Comparative mechanical-wear testing of platings used in repairing machine-tool components. A. S. Lebedev. Trudy LIEI no. 8:143-161 '54.

MACHINE-TRACTOR STATIONS

(see also subdivision under Avdeyevka District; Grodno Province; Ivanovo District (Ivanova Province); Khasavyurt District; Kirovograd Province; Lozovaya District; Malin (Zhitomir Province); Nikolaev Province; Signovichi; Stalino Province; Ukraine; Valki; Vasil'kov (Kiev Province

Determination of loss from driving tractor units without loads. V. U. Fedenko. Mekh. sil'. hosp. 7 no. 6:10-11 Je '56.

Doing away with seasonal labor losses in agriculture. K. Kondrat'ev. Vop. ekon. no. 6:34-44 Ag '56.

Economic problems in machine-tractor stations; a collection of articles. Reviewed by B. Z. Synzynys. Mekh. sil'. hosp. 7 no. 8:32-3 of cover Ag '56.

Efremov, A.E. [Machine-tractor station machinery operators in the struggle for bigger crops] Mekhanizatory MTS v bor'be za vysokii urozhai, Kazan', Tatknigoizdt, 1953, 76 p. (DA)

Enlarged tractor group. Nauka i pered. op. v sel'khoz. no. 6:46-50 Je '56.

Give daily and unremitting attention to the procurement of farm products. MTS 16 no. 5:1-3 My '56.

How the State Scientific Research Institute of Technology helps machine-tractor stations. V. Ufimtsev. MTS 16 no. 7:36 Jl '56.

I love my job. P. D. Kuchor. Mekh. sil'. hosp. 7 no. 6: 5 Je '56.

Letters from friends. A. IArovoi. MTS 16 no. 5:44-45 My '56.

The machine-tractor station and the elementary school. P. Petrov. Nar. obr. no. 7:52 Jl '56.

Machine-tractor station engineer and land organizer. A. Entukov, N. Kozenkov. MTS 16 no. 7:22-23 Jl '56.

Machine-tractor stations are an important factor in obtaining high yields. D. A. Pokhilliak. Sakh. svekl. no. 4:27-31 Je '56.

Make full use of the productive capacity of machine-tractor station workshops. V. S. Dubrovin. Mekh. sil'. hosp. 7 no. 6:11-12 Je '56.

The nature of labor law applicable to machine-tractor station workers. A. F. Troshin. Uch. zap. VIIUN no. 4: 69-77 '55.

News from machine-tractor stations. MTS 16 no. 5:47-48 My '56.

News from machine-tractor stations. MTS 16 no. 7: 46-48 Jl '56.

Remarks by the director of a machine-tractor station. P. Katsev. Novyi mir 32 no. 9:3-15 S '56.

Technical maintenance of machine-tractor station equipment. V. V. Zamorskyi, M. M. Vesna. Mekh. sil'. hosp. 7 no. 7:14-15 Jl '56.

Tractor operators work according to plans. A. S. Grigor'eva. Nauka i pered. op. v sel'khoz. no. 6: 55 Je '56.

Work organization and management in a tractor group. K. Mal'tsev. MTS 16 no. 7:14-17 Jl '56.

MACHINE-TRACTOR STATIONS—ACCOUNTING

(see also subdivision under Moscow Province

Conversion of machine-tractor stations to business accounting. P. Zhevtiak. Fin. SSSR 17 no. 6:31-40 Je '56.

First steps in converting machine-tractor stations to business accounting. N. I. Levikov. Sel'khoz. Povol. no. 7:72-75 Jl '56.

MACHINE-TRACTOR STATIONS—FINANCE

"Organization and methods in auditing machine-tractor stations." A. Volovik, M. Slavkin. Reviewed by A. Kalenov. Fin. SSSR 17 no. 6:89-91 Je '56.

MACHINERY

Economic effectiveness of modernizing equipment. P. Pavlov. Fin. SSSR 17 no. 7:21-29 Jl '56.

Khudykh, M. I. [Repair and installation of equipment in textile enterprises and light industries; the general part] Remont i montazh oborudovaniia predpriiatii tekstil'noi legkoi promyshlennosti; obshchaia chast'. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 310 p.

[Machine building; translations and surveys of foreign periodical literature.] Mashinostroenie 5 no. 9 '56.

Road to the machine ("A tale about the machine." Z. Perlia. Reviewed by A. Morozov). Novyi mir 32 no. 7:273-274 Jl '56.

Theories regarding machine parts. V. I. Prokof'ev. Trudy Inst. ist. est. i tekh. 8:156-165 '56.

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION

Conference on basic topics on precision in machinery building. Izm. tekh. no. 3:3-5 My-Je '56.

[Machine building; abstracts nos. 18001-19700] Referativnyi zhurnal: Mashinostroenie no. 15 Ag '56.

[Machine building; abstracts nos. 19701-21400] Referativnyi zhurnal: Mashinostroenie no. 16 Ag '56.

[Machine building; abstracts nos. 21401-23100] Referativnyi zhurnal: Mashinostroenie no. 17 S '56.

Present state and basic problems in the measurement of linear dimensions in machinery building. I. E. Gorodetskii. Izm. tekh. no. 3:11-15 My-Je '56.

Present state and future development of scientific research on precision in machinery building and instrument making. N. G. Bruevich. Izv. AN SSSR. Otd. tekh. nauk no. 6:144-150 Je '56.

MACHINERY—DESIGN

(see also subdivision under Chelyabinsk)

Classification and calculation of interconnected machine part wear. A. S. Pronikov. Tren. i izn. mash. no. 11: 121-131 '56.

MACHINERY—DESIGN—HANDBOOKS, MANUALS, ETC.

Moscow, Gosudarstvennyi institut po proektirovaniiu mashinostroitel'nykh zavodov. [A manual for designers of machine construction plants] Spravochnik proektanta mashinostroitel'nykh zavodov. Sost. pod rukovodstvom B. I. Aizenberg. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 3. [The designing of various industrial and auxiliary shops] Proektirovanie raznykh proizvodstvennykh i vspomogatel'nykh tsekhov. 1946. 307 p.

MACHINERY—MAINTENANCE AND REPAIR

Dolzhenkov, A.T., and others. [Repair work] Remontnoe delo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956, 559 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

Riabov, N. F. [Repair of industrial equipment] Remont promyshlennogo oborudovaniia. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 275 p.

MACHINERY—TABLES, CALCULATIONS, ETC.

Calculating the limits of linear dimension chains by the method of theoretical probability. V. I. Gostev, A. A. Syroegin. Avt. i trakt. prom. no. 6:11-22 Je '56.

MACHINERY, AUTOMATIC

Automatic feeders. N. Morozov. Prom. koop. no. 5: 12-14 My '56.

Automatic machines for testing ball and roller races. A. T. Draudin, A. V. Vysotskii. Stan. i instr. 27 no. 8: 1-5 Ag '56.

Automation and telemechanics-two sisters. O. IEromyts'kyi. Pionerila 33 no. 8:9-11 Ag '56.

From mechanical arms to the electronic brain. IU. Dolgushin. Znan. sila 31 no. 7:26-27 Jl '56.

On the verge of irreality. IU. Petrovskii. Znan. sila 31 no. 7:17-24 Jl '56.

MACHINERY, KINEMATICS OF

Measuring system designed for the multipoint recording of mechanical parameters. G. E. Rudashevskii. Izv. AN SSSR. Otd. tekh. nauk no. 6:162-166 Je '56.

MACHINERY IN INDUSTRY

New technology at enterprises. Biok. agit. no. 28:25-30 O '56.

Physical and economic obsolescence of the means of labor. S. Strumilin. Vop. ekon. no. 8:45-58 Ag '56.

MACHINERY INDUSTRY

(see also subdivision under Dnepropetrovsk; Tula; Ukraine; White Russia)

Blinov, F.T., and V.P.Firago. [Technology of the machining of aircraft engine parts] Tekhnologiia mekhanicheskoi obrabotki detalei aviatsionnykh dvigatelei. Izd. 2-oe, ispr. i dop. Pod red. V.P. Firago. Moskva, Gos. izd-vo obor. promyshl. 1956. 595 p.

The influence of technological progress on economic aspects of labor in machine building ("Assimilating modern technology and improving the economic functions of enterprises." Reviewed by E. Pel'tsman). Sots. trud. no. 6:112-118 Je '56.

Introduction of new equipment and technological progress in machine building. A. Vlatkin. Plan. khoz. no. 3:16-30 '56.

Machine builders' health. P. I. Akimov. Zdorov'e 2 no. 8:11-13 Ag '56.

Measures taken to insure steady production and the economic significance of these measures. K. G. Tatevosov. Trudy LIEI no. 8:17-33 '54.

Methods for the selection and apportionment of machine parts to be manufactured by specialized divisions on the basis of the classification of production. V. A. Petrov. Trudy LIEI no. 8:34-44 '54.

A new book ("Economics, organization, and planning of machine-building plants." E. E. Miller, A. I. Ungerman, P. F. Fatkin. Reviewed by I. K. Malakhov and A. G. Maksimov). Sred. spets. obr. no. 6:58-62 Je '56.

Preface. Trudy LIEI no. 8:3-4 '54.

Regulating wages in the machinery industry. Sots. trud. no. 6:3-8 Je '56.

Review of A. P. Sokolovskii's book "The scientific bases of technology in machine construction." A. A. Syroegin. Avt. i trakt. prom. no. 6:45-47 Je '56.

Superpower machines. V. F. Zhigalin. Nauka i zhizn' 23 no. 6:5-9 Je '56.

Technical and economic bases for the specialization of machine building plants. L. L. Shatovich. Trudy LIEI no. 8:5-16 '54.

MACHINERY INDUSTRY—ACCOUNTING

Analysis and control of unfinished products. I. Sholomovich, V. Il'in. Den. i kred. 14 no. 6:52-53 Je '56.

Conference on problems in the simplification of accounting and bookkeeping. Buking. uchet 15 no. 7:60-62 Jl '56.

MACHINERY INDUSTRY—PRODUCTION STANDARDS

Important condition for increasing labor productivity in machinery building. M. Agval'dov. Sots. trud. no. 6:9-19 Je '56.

MACHINERY INDUSTRY—QUALITY CONTROL

Degree of dependability of quality control in continuous production. S. N. Sokolov, G. A. Ivanova. Standartizatsiia no. 3:58-62 My-Je '56.

MACHTET, GRIGORII ALEKSANDROVICH, 1852-1901

G. A. Machtet; on the 55th anniversary of his death. I. Varonina. Belarus' 13 no. 8:31 Ag '56.

MADRID—CRYSTALLOGRAPHY—CONGRESSES

Conference on crystallography in Madrid. B. K. Vainshtein. Vest. AN SSSR 26 no. 8:66-68 Ag '56.

MAGADAN—DESCRIPTION

City on the Okhotsk Sea. A. Semenov. Vokrug sveta. no. 6:6-7 Je '56.

MAGADAN PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

Without newsmen. L. Krikunova. Raspr. pech. no. 7:12 Jl '56.

MAGDALINOVKA DISTRICT—AGRICULTURE

Some examples of an organizational approach. I. Gladnev. Part. zhizn' no. 13:54-59 Jl '56.

MAGNESITE

Remarks on standards for magnesite and chromomagnesite refractory materials. S. N. Myshkin. Standartizatsiia no. 3:45-46 My-Je '56.

MAGNESIUM

Magnesium deficiency in plants. K. P. Magnitskii. Mosk. kolkh. 5 no. 7:19 Jl '56.

MAGNESIUM—SPECTRA

Spectral determination of iron and magnesium in aluminum silicates. S. N. Aleksandrov, IA. E. Shmulikovskii, G. P. Malakhova. Khim. i tekh. topl. no. 6:55-57 Je '56.

MAGNESIUM ALLOYS

Hardening of aluminum and magnesium alloys with ternary metallic compounds. B. K. Vul'f, N. P. Shikalov. Izv. Sekt. fiz.-khim. anal. 27:198-208 '56.

Induction furnace for melting [magnesium] alloys; suggestion by V. A. IAkovlev and others. Prom. energ. 11 no. 6:28-30 Je '56.

MAGNESIUM ALLOYS—WELDING

Electric arc welding of magnesium alloys. S. Z. Klinisov, A. A. Laptev, P. M. Liubalin. Svar. proizv. no. 6:17-20 Je '56.

MAGNESIUM ALUMINATE—SPECTRA

Observation of $MgAl_2O_4$ and $BeAl_2O_4$ formation reactions by means of luminescence spectra. A. K. Trofimov. Dokl. AN SSSR 108 no. 2:277-278 My '56.

MAGNESIUM CHLORATE

Conference on the defoliation of cotton plants before harvesting. K. E. Ovcharov. Fiziol. rast. 3 no. 4:389-390 Jl-Ag '56.

MAGNESIUM SULFATE

Effect of magnesium anesthesia on the glycolysis of blood and the sugar content of blood and skin. M. D. Kiverin, Z. N. Mokeeva, A. I. TSaregorodtsev. Vop. med. khim. 2 no. 2:103-108 Mr-Ap '56.

MAGNESIUM SULFATE (Continued)
Interaction of sodium and potassium chlorides with magnesium sulfate during heating and in a flow of steam. S. D. Shargorodskii, O. I. Shor. Ukr. khim. zhur. 17 no. 5:678-687 '51.
Result of treating stenocardia with intravenous administration of magnesium sulfate. A. N. Perlia. Sov. med. 20 no. 6:63-65 Je '56.
Use of thermography in studying the interaction of potassium or sodium chlorides with magnesium sulfate during heating. S. D. Shargorodskii, O. I. Shor. Ukr. khim. zhur. 17 no. 1:130-148 '51.

MAGNESIUM-TIN-COPPER ALLOYS see Copper-Magnesium-Tin alloys

MAGNETIC FIELDS
Investigating the topography of the inhomongeneous-plane magnetic field of a six-pole electromagnet. M. I. Korsunskii and others. Zhur. tekh. fiz. 26 no. 6:1222-1232 Je '56.
Method for introducing interaction with the external electromagnetic field. L. A. Khalfin. Vest. Len. un. 11 no. 10:39-42 '56.
Representation of the magnetic field of circular currents by spheroid functions. S. I. Kurenev. Elektrichestvo no. 6:9-10 Je '56.
Some antisymmetric magnetic fields with double focusing. Part 2. IU. V. Vandakurov. Zhur. tekh. fiz. 26 no. 7:1599-1610 Jl '56.

MAGNETIC FIELDS—PHYSIOLOGICAL EFFECT
Effect of constant magnetic fields on the nerve. G.M. Erdman. Trudy Inst. biol. fiz. no.1:35-39 '55.

MAGNETIC INDUCTION
Calculation of a cylindrical inductor with a closed magnetic circuit. I. T. Talyshinskii. Elektrichestvo no. 6:11-15 Je '56.

MAGNETIC RECORDERS AND RECORDING
Amateur magnetic recorder (to be continued). A. Kozyrev, M. Fabrik. Radio no. 7:45-48 Jl '56.
Kozyrev, A.V., and M.A.Fabrik. [Design of amateur magnetic recorders] Konstruirovanie liubitel'skikh magnitofonov. Moskva, Izd-vo DOSAAF, 1956. 175 p.

MAGNETIC RECORDERS AND RECORDING—BIBLIOGRAPHY see Bibliography—Magnetic recorders and recording

MAGNETISM
Theory of ferro-, para- and ferrimagnetism. N. S. Akulov. Dokl. AN SSSR 108 no. 4:603-606 Je '56.

MAGNETISM, TERRESTRIAL
(see also subdivision under Arctic regions)
Approximation computation method for a magnetic field of obliquely magnetized bodies of an arbitrary shape. V. S. Matsaberidze. Trudy Inst. geofiz. AN Gruz. SSR 13:5-19 '54.
Calculating the value of $Z_a$ on the basis of measured values of $\Delta T$. T. N. Simonenko. Izv. AN SSSR. Ser. geofiz. no. 6:704-707 Je '56.
Investigation of magnetic properties of rocks and geological bodies as a basis for interpreting magnetic anomalies. A. G. Kalashnikov. Trudy Inst. geofiz. AN Gruz. SSR 14:15-30 '55.
Magnetic variations at high latitudes. I. M. Pudovkin. Izv. AN SSSR. Ser. geofiz. no. 7:835-837 Jl '56.
Methods of studying the microterritorial and microtemporal secular variation of a terrestial magnetic field. M. Z. Nodia. Trudy Inst. geofiz. AN Gruz. SSR 14:7-13 '55.
Plotting and analyzing maps of an anomalous geomagnetic field. L. A. Korneva. Trudy MGI 7:32-40 '56.
Some data on the reciprocal relations between earth electric currents and the geomagnetic field. V. V. Kebuladze. Trudy Inst. geofiz. AN Gruz. SSR 12:57-72 '53.
Study of the frequency of geomagnetic storms [in Georgian with summary in Russian]. G. P. Berishvili. Trudy Inst. geofiz. AN Gruz. SSR 13:21-43 '54.

MAGNETISM, TERRESTRIAL—ELECTROMECHANICAL ANALOGIES
Laboratory apparatus for studying magnetic fields, and the solution of some problems in exploratory magnetometry by means of magnetic models. M. L. Chelishvili. Trudy Inst. geofiz. AN Gruz. SSR 14:37-59 '55.
Making scale models of a geomagnetic field. L. A. Korneva. Trudy MGI 7:41-66 '56.

MAGNETISM, TERRESTRIAL—OBSERVATIONS see subdivision under Tiflis

MAGNETOELECTRIC MACHINES
Improved electromagnetic assembly and welding stands. A. A. Kazimirov, V. Kh. Bondar'. Avtom. svar. 9 no. 3:102-107 My-Je '56.

MAGNETOSTRICTION
Ultrasonic emitter made of nickel ferrite. I. P. Gollamina. Akust. zhur. 2 no. 2:225-228 Ap-Je '56.

MAGNITOGORSK—BLAST FURNACES
The foreman is master of the blast furnace. V. K. Gornastaev. Metallurg no. 5:22-24 My '56.
Joint operation problems in regulating the performance of a blast furnace. L. IA. Shparber. Metallurg no. 5:3-7 My '56.
Smelting foundry pig iron in MMK blast furnaces. I. I. Morev. Metallurg no. 5:7-9 My '56.

MAGNITOGORSK—CAST IRON
Twenty-five thousand tons of cast iron in excess of the plan. N. P. Dimitrov. Metallurg no. 5:25-26 My '56.

MAGNITOGORSK—DRAWING (METALWORK)
S. S. Salimov's method of wire-drawing. L. IA. Lapshin. Metallurg no. 1:33-35 Ja '56.

MAGNITOGORSK—METALLURGICAL PLANTS
Two and a half years without major repairs. A. G. Trifonov. Metallurg no. 3:32-33 Mr '56.

MAGNITOGORSK—METALLURGY
Broader dissemination of Magnitogorsk metalworkers' practices. Metallurg no. 5:1-2 My '56.

MAGNITOGORSK—MOTION PICTURES IN INDUSTRY
Motion pictures help industry. M. Pis'mennyi. Klub 6 no. 8:25 Ag '56.

MAGNITOGORSK—OPEN HEARTH FURNACES
Furnace maintenance in my sector. IA. V. Verkhovtsev. Metallurg no. 5:26-27 My '56.
Our experience with the prolongation of the life of open-hearth furnace roofs. G. N. Averkin, A. N. Chichkanakov. Metallurg no. 2:33-34 F '56.
Quality improvement is an important potential for increasing open-hearth furnace productivity. N. I. Lepukhov. Metallurg no. 5:9-11 My '56.
Repairing the bottom of large open-hearth furnaces. M. M. Privalov. Metallurg no. 2:30-33 F '56.

MAGNITOGORSK—OPEN-HEARTH FURNACES—REPAIRING
Reducing idle time for open-hearth furnaces caused by cold or hot repairs. T. G. Shunin, A. I. Korolev. Metallurg no. 5:14-17 My '56.

MAGNITOGORSK—OPEN-HEARTH PROCESS
Some characteristics of steel smelting in open-hearth furnaces. G. E. Ovchinnikov. Metallurg no. 5:11-13 My '56.

MAGNITOGORSK—ROLLING (METALWORK)
Adjustment in rolling mills producing sectional iron. V. M. Arkhipov. Metallurg no. 5:34-35 My '56.

MAGNITOGORSK—ROLLING MILLS
Rapid-action pneumatic manipulators for sheet mills. L. I. Danilov, M. I. Korchemnyi. Metallurg no. 2:36 F '56.

MAGNITOGORSK—ROLLING MILLS—REPAIRING
Organization of the unit-method for repairing rolling mills. V. A. Kostiuk, T. M. Nosenko. Metallurg no. 5:19-22 My '56.

MAGNITOGORSK—SMELTING
Preparing raw materials for blast furnace smelting at the Magnitogorsk Metallurgical Combine. A. P. IAkobson. Metallurg no. 1:3-6 Ja '56.
Smelting of chromium-nickel-steel having a 1.5% chromium content in the burden. P. K. Morokov, B. G. Petukhov. Metallurg no. 6:20-23 Je '56.

MAHAMMED REZA PAHLEVI, 1919-
People and events. Nov. vrem. 14 no. 26:30 Je '56.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930
A crib on Maiakovskii ["V. Maiakovskii; a manual for teachers." V. I. Kozlovskii. Reviewed by S. Vladimirov, D. Moldavskii). Neva no. 8:173-176 Ag '56.
Lessons on the study of the lyric poetry of Maiakovskii. G. I. Belen'kii. Lit. v shkole 17 no. 4:32-45 Jl-Ag '56.
"Maiakovskii's narrative poem 'Vladimir Il'ich Lenin.'" A. Abramov. Reviewed by N. Gornitskaia. Neva no. 7:177-178 Jl '56.
Maslin, N. N. [Maiakovskii; sketches of his work] Maiakovskii; ocherki tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 201 p.
The periodical "Poryv." E. Z. Balabanovich. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:260-264 My-Je '56.
Shchegolev, N. A. [Maiakovskii's artistry in his poem "This is good"; a manual for teachers] Khudozhestvennoe masterstvo V. V. Maiakovskogo v poeme "Khorosho!"; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 77 p.

MAIKOV, APOLLON NIKOLAEVICH, 1821-1897
A. N. Maikov's story of F. M. Dostoevskii and Petrashevskii's followers. N. P. Ovsiannikova. Ist. arkh. no. 3:223-226 My-Je '56.

MAIZE see Corn (Maize)

MAKARENKO, ANTON SEMENOVICH, 1888-1939
A book on education ("Selected pedagogical works." A. S. Makarenko. Reviewed by V. Kolbanovskii). Ogonek 25 no. 48:25 N '47.

MAKE-UP, THEATRICAL
About make-up. Dmitrii Sitnov. Mol. kolkh. 23 no. 7:16-17 Jl '56.
New theater make-up factory. Teatr 17 no. 6:161 Je '56.

MAKEYEVKA—METALLURGICAL PLANTS
Experience with the production of self-fluxing sinter at the Makeyevka metallurgical works. B. G. Kumani, M. Sh. Barylo. Metallurg no. 2:3-5 F '56.

MAKHROVSKII, VIKTOR GENNADIEVICH, 1886-
V. G. Makhrovskii; on his 70th birthday. M. F. Romanova. Izm. tekh. no. 3:63 My-Je '56.

MAKOVSKII, VLADIMIR MATVEEVICH, 1870-1941
Fifteenth anniversary of the death of the distinguished professor V. M. Makovskii, IA. I. Shnee. Energomashinostroenie no. 6:29 Je '56.

MALARIA
Effect of meteorological factors on spring epidemics of tertian malaria. V. E. Gruzhevskii, E. N. Simonovich. Voen.-med. zhur. no. 5:34-36 My '56.
New achievements in the treatment and prevention of malaria. P. G. Sergiev. Voen.-med. zhur. no. 5:15-24 My '56.

MALARIA—PREVENTION
Prevention of malaria by drugs among troops in a hot climate. A. I. Shchurenkova. Voen.-med. zhur. no. 5:25-33 My '56.

MALAYAN FOLKSONGS see Folksongs, Malayan

MALAZA VALLEY—NATURE STUDY
At the headwaters of the Pravaya Malaza. A. I. Kurentsov. Mol. kolkh. 23 no. 6:23-24 Je '56.

MALEIC ANHYDRIDE
Research in the field of stereochemistry of cyclic compounds. Part 10. Stereochemistry of the diene condensation of 1-vinyl-$\Delta^3$-cyclohexene with maleic anhydride. I. N. Nazarov, V. F. Kucherov, V. M. Andreev. Izv. AN SSSR. Otd. khim. nauk no. 6:715-722 Je '56.

MALIC ACID
Organic acid content of tomato leaves during the development of the plant [with English summary in insert]. R. IA. Shkolnik. Fiziol. rast. 3 no. 3:252-258 My-Je '56.

MALIN (ZHITOMIR PROVINCE)—MACHINE-TRACTOR STATIONS
Our machine operators have a full-time job the whole year round. A. M. IAkubaen. Mekh. sil'. hosp. 7 no. 1:4-5 Ja '56.

MALKHASIAN, K.
From an airplane model to the "Tu-104." K. Malkhasian. Kryl. rod. 7 no. 7:10-11 Jl '56.

MAL'TSEV, TERENTII SEMENOVICH
Essay on the achievement of a collective farm scientist ("Discovery of Terentii Mal'tsev. Gennadii Fish." Reviewed by A. Koptelov). Sib. ogni 35 no. 3:182-184 My-Je '56.

MAMMALS see subdivision under Carpathian Mountains; Trancarpathia

MAMMALS—PARASITES see Parasites—Mammals

MAMMARY GLANDS
Biochemistry of the mammary gland. Part 2. Activity of mammary gland enzymes in blood. I. P. Okhrimenko. Ukr. biokhim. zhur. 22 no. 2:205-214 '50.
Periodicity in the function of the mammary glands in absorbing and secreting substances. V. G. IAkovlev and others. Izv. AN Kir. SSR no. 1:91-102 '55.

MAN—INFLUENCE OF ENVIRONMENT
Classification of environmental factors and the mechanism of their effect on man; criticism of P. G. Mezernitskii's system. P. G. Popov, F. A. Samoilovich. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:21-26 Ap-Je '56.

MANGANESE
Manganese slime is a valuable fertilizer. B. Ocheretianyi. Kolkh. proizv. 16 no. 7:17 Jl '56.
Manganized superphosphate, a new fertilizer. P. A. Vlasiuk. Sakh. svekl. no. 3:33-37 My '56.

MANGANESE ORES
Hydraulic giants in mines. A. IUrchenko. Nauka i zhizn' 23 no. 6:10-11 Je '56.

MANGANESE OXIDES see subdivision under Nikopol' (Ukraine)

MANGROVE see subdivision under Africa

MANIC-DEPRESSIVE PSYCHOSES
Treatment of the manic phase of manic-depressive psychosis by lumbar novocaine blocks. P. Dimitrov. Zhur. nevr. i psikh. 56 no. 7:555-558 '56.

MANILA CONFERENCE, 1954 see Southeast Asia collective defense treaty

MANOMETER

Balancing condensation vessels for differential manometers and steam meters. S. B. Bulatov, S. S. Kivilis. Izm. tekh. no. 3:60-63 My-Je '56.

Insufficient attention is given to the introduction of a new instrument. M. A. Aver'ianov. Izm. tekh. no. 3: 93-94 My-Je '56.

Some data on investigating photosynthesis in terrestrial plants by the manometric method. V. A. Mukhina. Trudy Bot. inst. Ser. 4 no. 11:225-240 '56.

Use of cystomanometry in urology. M. G. Kupershliak. Voen.-med. zhur. no. 9:71 S '55.

MANUAL TRAINING

Interrelation between manual training and the teaching of physics. N. F. Menshutin. Fiz. v shkole 16 no. 4:49-50 Jl-Ag '56.

Lvov school factory. M. Kaidonovskii, A. Popov. Vozhatyi 32 no. 8:21-24 Ag '56.

Manual work in the elementary school. B. G. Korol'. Sov. pedag. 20 no. 7:67-75 Jl '56.

Russia (1917- . R. S. F. S. R.) Glavnoe upravlenie shkol. [Practical work in school workshops for classes 5-6 of the seven-year and secondary school; brief instructions for teachers] Prakticheskie zaniatiia v uchebnykh masterskikh v V-VI klassakh semiletnei i srednei shkoly; kratkie metodicheskie ukazaniia dlia prepodavatelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 55 p.

Visual aids in manual training. I. D. Korzhov. Nach. shkola 24 no. 8:54-58 Ag '56.

MANUFACTURES see subdivision under Kiev

MANUIL, Archbishop of Cheboksary and Chuvashia

Prelatic activities. Zhur. Mosk. Patr. no. 5:6 My '56.

MANURE SPREADERS see Fertilizer spreaders

MANURES see Fertilizers and manures

MANUSCRIPTS
(see also subdivision under Palekh)

Concerning V. A. Chernykh's article on developing methods for transcribing the text of historical sources. D. S. Likhachev. Ist. arkh. no. 3:198-193 My-Je '56.

MANUSCRIPTS, GEORGIAN

Orbeli, R. R. [Georgian manuscripts of the Institute for Oriental studies] Gruzinskie rukopisi Instituta vostokovedeniia. Moskva, Izd-vo Akademii nauk SSSR.
No. 1. [History, geography, travel, archaeology, law, philosophy, linguistics, bibliography] Istoriia, geografii, puteshestvila, arkhaeologiia, zakonodatel'stvo, filosofiia, iazykoznanie, bibliografiia. 1956. 182 p., illus.

MAO, TUN, 1896 see Shen, Yen-Ping, 1896

MAPLE

Biology of the germination of maple seeds. V. G. IUdin. Trudy Bot. inst. Ser. 4 no. 11:301-309 '56.

Growing seedlings of the Norway maple without previous stratification of seeds. L. P. Maiakov. Shor. nauch. rab. Inst. lesa AN SSSR no. 6:206-207 '55.

MAPPING, CONFORMAL see Conformal mapping

MAPS, HISTORICAL—GEOGRAPHY see Geography, Historical—Maps

MAR, EVGENII

All-powerful hands. Evgenii Vorob'ev. Novyi mir 32 no. 6:249-250 Je '56.

MARCINELLE, BELGIUM—COAL MINES AND MINING—ACCIDENTS

Catastrophe at Marcinelle. Nov. vrem. 14 no. 35:17-18 Ag '56.

MARIGNY, NIBIA

Nibia Marigny. Sov. muz. 20 no. 7:106-107 Jl '56.

MAR'INA-GORKA—AGRICULTURE—STUDY AND TEACHING

A very old agricultural school of White Russia. G. M. Sushkov. Sred. spets. obr. no. 7:48-49 Jl '56.

MARINE BIOLOGY
(see also subdivision under Black Sea)

Intermediate decomposition products of the organic substance of marine organisms (under laboratory conditions) [with English summary in insert]. N. T. Shabarova. Biokhimiia 21 no. 3:340-346 My-Je '56.

Ocean life. V. Bogorov. Sov. mor. 16 no. 8:18-19 Ap '56.

The silent world (continuation). Jacques Yves Cousteau, Frederic Dumas. IUnost' no. 7:55-71 Jl '56.

The silent world (to be concluded). Jacques Yves Cousteau, Frederic Dumas. IUnost' no. 8:60-73 Ag '56.

Studying the marine biology of an aquarium. T. Anufrieva. Vozhatyi 32 no. 7:26-27 Jl '56.

MARINE DIESEL ENGINES

Effect of temperature and air humidity on the operation of marine diesel engines. M. B. Barabash, A. I. Sinitsyn. Sudostroenie 22 no. 5:17-21 My '56.

Installing diesel-electric engines. L. G. Faivilevich. Sudostroenie 22 no. 5:43 My '56.

MARINE ENGINES

Preventive maintenance of engines using a step-by-step technique. Rech. transp. 15 no. 6:3-5 Je '56.

Serious errors in a textbook. ("Internal combustion marine engines." V. K. Birukov. Reviewed by A. F. Gogin). Rech. transp. 15 no. 6:29-31 Je '56.

MARINE FAUNA see subdivision under Black Sea; Caspian Sea

MARINE GAS TURBINES

Performance of axial flow compressors under variable-load conditions. N. I. Nikol'skii. Sudostroenie 22 no. 6:9-16 Je '56.

MARINE PIPE FITTING

Calculation of toroidal expansion joints for low-pressure piping. S. L. Dubinskii, E. I. Rusanova, B. F. Stoll. Sudostroenie 22 no. 5:14-16 My '56.

Heat-exchanger installation and pipe fitting. N. V. Mel'nikov. Sudostroenie 22 no. 5:43 My '56.

Improved techniques for air duct installation. V. V. Popov. Sudostroenie 22 no. 5:42 My '56.

Popov, V. F. [Marine pipe fitting; a manual for brigades and mechanics] Izgotovlenie i montazh sudovykh sistem i truboprovodov; posobie dlia brigadirov i masterov. Moskva, Glav. red. lit-ry po sudostroeniiu, 1946. 203 p.

Some peculiarities in the technological process of expanding and flanging pipes. M. A. Kogan. Sudostroenie 22 no. 5:22-26 My '56.

MARITIME LAW

Bakhov, A. S., ed. [Manual of international law for the Navy] Voenno-morskoi mezhdunarodno-pravovoi spravochnik. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 350 p.

MARITIME TERRITORY—BEE CULTURE

How leading beekeepers of Maritime Territory obtain high yields of honey. M. I. Korchagin. Pchelovodstvo 33 no. 8:6-11 Ag '56.

MARITIME TERRITORY—ECONOMIC CONDITIONS

In Maritime Territory. I. Osipov. Nash. sovr. 2: 201-205 '56.

MARITIME TERRITORY—FRUIT CULTURE

Orchard of the Lazo Collective Farm. A. G. Zemlina. Sad i og. no. 7:33-34 Jl '56.

MARKETING—COSTS

Lowering marketing costs ("Marketing costs in the U.S.S.R. and ways to lower them" Reviewed by A. Valuev). Sov. knizhtorg. no. 7:28-29 Jl '56.

MARKING DEVICES

Mechanical method for marking clothing. S. Vorona. Prom. koop. no. 5:25 My '56.

MARKOVYCH, MARIIA OLEKSANDRIVNA (VILINSKAIA), 1834-1907

My encounters with Marko Vovchok. Stepan Rashchenko. Vitchyzna 24 no. 7:122-128 Jl '56.

MARROW

Cholesterin esterase of the bone marrow. E. N. Morozova Biul. eksp. biol. med. 41 no. 6:36-39 Je '56.

Composition and metabolism of phosphorus compounds in the bone marrow of normal rabbits. R. E. Libinzon. Vop. med. khim. 2 no. 2:150-158 Mr-Ap '56.

Effect of external and internal irradiation on the peripheral blood and bone marrow of rabbits. I. M. Shur'ian. Fiziol. zhur. [Ukr.] 1 no. 3:109-117 My-Je '55.

Fluorescence microscopic investigation of early changes in the bone marrow and blood of irradiated animals. M. N. Meisel', V. A. Sondak. Biofizika 1 no. 3:262-273 '56.

MARROW—TUMORS

Diagnosis of myelomatosis. E. K. Heinsoo. Vest. rent. i rad. 31 no. 3:76-81 My-Je '56.

X-ray diagnosis of multiple myeloma (Rustitskii's disease). A. G. Suntsov, L. I. Sokolova. Vest. rent. i rad. 31 no. 3:83-89 My-Je '56.

MARS (PLANET)

Mystery of Mars. V. Komarov. Kul't.-pros. rab. 17 no. 8:43-45 Ag '56.

MARS (PLANET)—OPPOSITION, 1956

Favorable opposition of Mars. N. I. Kucherov. Fiz. v shkole 16 no. 4:8-13 Jl-Ag '56.

Opposition near perihelion. Nauka i zhizn' 23 no. 8:46-48 Ag '56.

MARSHAK, IL'IA IAKOVLEVICH, 1895-1953

Ivich, Aleksandr. [M. Il'in's creative work] Tvorchestvo M. Il'ina. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 130 p.

MARSHAK, SAMUIL IAKOVLEVICH, 1887-

Book on a poet's work ("S. IA. Marshak; sketch of his life and works." B. Galanov. Reviewed by M. Prilezhaeva). Novyi mir 32 no. 9:266-267 S '56.

MARSHALL ISLANDS—ATOMIC BOMB

Wards or guinea pigs. Nov. vrem. 14 no. 27:17 Je '56.

MARSHES see Swamps

MARTENS

Determining the age of the baummarten. P. B. Iurgenson. Zool. zhur. 35 no. 5:781-783 My '56.

MARTENSITE

Austenite stabilization at temperatures higher than the martensite transformation interval. K. A. Malyshev, N. A. Borodina, V. A. Mirmel'shtein. Fiz. met. i metalloved. 2 no. 2:277-284 '56.

Changes of constants of the martensite lattice during its decomposition. L. I. Lysak. Dop. AN URSR no. 5:44-52 '49.

Effect of deformation on the decomposition of martensite in tempered steel. B. V. Kudriumov, B. D. Hrozin, L. I. Lysak. Dop. AN URSR no. 1:17-21 '49.

MARTIN, PAUL, 1903-

Unseemly role. Nov. vrem. 14 no. 29:18-19 Jl '56.

MARTYNOV, ALEKSANDR EVSTAF'EVICH, 1816-1860

Aleksandr Evstaf'evich Martynov. Teatr 17 no. 7:187-188 Jl '56.

MARTYNOV, LEONID NIKOLAEVICH, 1905-

Leonid Martynov's lyrics ("Verse." Leonid Martynov. Reviewed by Vladimir Ognev). Novyi mir 32 no. 6: 244-248 Je '56.

A trace in one's soul ("Verse." Leonid Martynov. Reviewed by Z. Papernyi). Oktiabr' 33 no. 7:182-185 Jl '56.

MARX, KARL, 1818-1883

New manuscripts by Marx on Russia. L. Kashkareva. Vest. stat. no. 2:56-65 Mr-Ap '56.

"Recollections about Marx and Engels." Reviewed by G. Fridlender. Neva no. 8:177-179 Ag '56.

"Recollections about Marx and Engels." Reviewed by I. Makar'ev. Novyi mir 32 no. 6:260-263 Je '56.

MASHUKOV, IVAN

The fate of Egor Veretennikov ("Difficult transition"; a novel. Ivan Mashukov. Reviewed by Nikolai Rogal'). Dal'. Vost. 24 no. 3:170-179 My-Je '56.

MASLIUKOV, LEONID, 1919-

Two professions. I. Vershinina. Ogonek 34 no. 33:31 Ag '56.

MASONRY

Anokhin, G. A. [Masonry] Kamennye raboty. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 181 p.

Laying stone walls with the help of a movable form. A. IAkushin. Sel'. stroi. 11 no. 6:15-17 Je '56.

Quality of masonry work and its effect on the supporting power of structures. L. Onishchik. Arkhit. i stroi. Mosk. 5 no. 6:13-20 Je '56.

MASONRY—COLD WEATHER CONDITIONS

Ruderman, A. G. [Masonry work in cold weather] Proizvodstvo kamennykh rabot v zimnikh usloviiakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p.

MASONS (TRADE) see Bricklaying

MASS SPECTROMETRY

Mass spectroscopic analysis of boron fluoride isotopes (with English summary in insert). G. M. Panchenkov, V. D. Moiseev. Zhur. fiz. khim. 30 no. 5:1118-1125 My '56.

Use of mass spectrometer to investigate the activation process of oxide cathode. N. D. Nozgulis, G. IA. Pikus. Zhur. tekh. fiz. 26 no. 6:1174-1176 Je '56.

MASTICATION

Determining the chewing function of the different human teeth. N. I. Agapov. Stomatologiia 35 no. 3:40-46 My-Je '56.

MASTOID PROCESS—DISEASES

Conservative therapy of antritis and mastoiditis in children with subperiosteal abscesses. N. V. Zberovskaia, I. IA. IAkovleva. Vest. oto-rin. 18 no. 4:52-55 Jl-Ag '56.

Etiology of otoantritis in dysentery in infants. F. I. Slovbun, P. I. Gezunterman. Vest. oto-rin. 18 no. 4:63-65 Jl-Ag '56.

MATERIALISM

Historical stages in the development of materialism in the pre-Marxian period. M. T. Iovchuk. Vest. Mosk. un. 11 no. 4:57-72 Ap '56.

MATERIALISM, DIALECTICAL see Dialectical materialism

MATERNAL AND INFANT WELFARE
Protect the rights of all mothers strictly. Sots. obesp. 17 no. 3:1-3 Mr '56.

MATHEMATICAL PHYSICS see subdivision under Baku

MATHEMATICAL PHYSICS—PROBLEMS, EXERCISES, ETC.
Budak, B. M., A. A. Samarskii, and A. N. Tikhonov. [A collection of problems in mathematical physics] Sbornik zadach po matematicheskoi fizike. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 683 p.

MATHEMATICAL STATISTICS
Analysis of the effect of factors. V. V. Novozhilov. Trudy LIEI no. 8:63-77 '54.
Maximum deviation of empirical distribution densities. S. Kh. Tumanian. Nauch. trudy Erev. un. 48 no. 2:3-48 '55.

MATHEMATICS
(see also subdivision under Kharkov;.Moscow; Ukraine)
Vsesoluznyi matematicheskii s"ezd, 3, Moscow, 1956. [Proceedings of the all-Union Mathematical Congress] Trudy...; Iun'-Iiul', Moskva, Izd-vo Akademii nauk SSSR.
Vol. 2. [Brief summaries of reports] Kratkoe soderzhanie obzornykh i sektsionnykh dokladov. 1956. 166 p.

MATHEMATICS—ABSTRACTS
[Mathematics; abstracts nos. 6296-7037] Referativnyi zhurnal: Matematika no. 9 S '56.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—CURIOSA AND MISCELLANY
The serious in the amusing ("Mathematical cleverness," B. A. Kordemskii. Reviewed by L. Kaluzhnin). Novyi mir 32 no. 6:270-271 Je '56.

MATHEMATICS—HISTORY
"Stories about mathematics," I. IA. Depman. Reviewed by G. P. Boev. Mat. v shkole no. 4:84-85 Jl-Ag '56.

MATHEMATICS—PERIODICALS
"Journal of Elementary Mathematics" and "Review of Experimental Physics and Elementary Mathematics." S. A. Dakhila. Ist.-mat. issl. no. 9:637-642 '56.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.
Answers to problems listed in no. 1, 1956. Mat. v shkole no. 4:92-95 Jl-Ag '56.
Berman, G. N. [A collection of problems for a course in mathematical analysis] Sbornik zadach po kursu matematicheskogo analiza. Izd. 6-oe, perer. i dop. Pod red. A. F. Bermanta. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 416 p.
Problems. Mat. v shkole no. 4:95 Jl-Ag '56.

MATHEMATICS—STUDY AND TEACHING
(see also subdivision under Vitebsk)
Agriculture in mathematics classes; examples of problems. S. E. Liapin. Uch. zap. Ped. inst. Gerts. 119:135-150 '56.
Comments on two articles. I. Pol'skii. Mat. v shkole no. 4:86-87 Jl-Ag '56.
Forms of extracurricular work with backward students in mathematics. S. A. Khachlian. Mat. v shkole no. 4: 78-83 Jl-Ag '56.
The mathematics teacher's educational work. M. N. Pokrovskaia. Mat. v shkole no. 4:66-77 Jl-Ag '56.
On F. T. Dziub's article "On a serious defect in the secondary school program." P. I. Denisov. Mat. v shkole no. 4:85-86 Jl-Ag '56.
Our remarks about the secondary school program in mathematics and drawing. V. T. Horbatiuk. Rad. shk. 35 no. 7:56 Jl '56.
Raising the standard of teaching and education in schools. Mat. v shkole no. 4:1-2 Jl-Ag '56.

MATRIARCHY see subdivision under Abkhazia

MATRICES
Highest commutative subalgebras of a complete linear algebra. D. A. Suprunenko. Usp. mat. nauk 11 no. 3:181-184 My-Je '56.
Particular indexes for the Riemann boundary value problem with a triangular matrix of the second order. G. N. Chebotarev. Usp. mat. nauk 11 no. 3:199-202 My-Je '56.
Some applications of the approximate calculation of eigenvalues and eigenvectors of a positively defined matrice. M. A. Krasnosel'skii. Usp. mat. nauk 11 no. 3:151-158 My-Je '56.

MATTER
Lenin's conception of matter and its importance in combatting the idealistic theory of knowledge. L. I. Erichev. Vest. Len. un. 11 no. 11:41-53 '56.
Nature of the chemical form of the movement of matter. V. A. Shtoff. Vest. Len. un. 11 no. 11:68-80 '56.

MATTER—CONSTITUTION
Modern theory on the constitution of matter. O. Shuhalin. Kom. Ukr. 32 no. 8:22-32 Ag '56.

MATTER—PROPERTIES
Motion as a property of matter. S. T. Meliukhin. Nauka i zhizn' 23 no. 8:35-38 Ag '56.

MAY DAY (LABOR HOLIDAY)
(see also subdivision under China; Peiping)
Order no. 49 of the Minister of War of the U. S. S. R., May 1, 1950. Voen.-med. zhur. no. 5:2 My '50.

MAY FLIES see subdivision under Pechora River

MEADOWS see Pastures and meadows

MEASLES VIRUS
Cultivation of measles virus in rotating test tubes using bovine amniotic fluid as a nutritive medium. P. G. Sergiev, S. A. Shamraeva. Zhur. mikrobiol. epid. i immun. 27 no. 7:47-51 Jl '56.

MEASUREMENTS, ELECTRIC see Electric measurements

MEASURING INSTRUMENTS
Apparatuses for the control of plywood production (From "Holz als Roh- un Werkstoff" no. 8, 1955). Der. prom. 5 no. 7:31 Jl '56.
Automatizing the control of linear dimensions of wooden parts. A. I. Isakov. Der. prom. 5 no. 7:8-12 Jl '56.
Increasing precision in the manufacture of instruments. I. I. Murashov. Izv. AN SSSR. Otd. tekh. nauk no. 7:25-36 Jl '56.
Levenson, E.M., IU.M.Gonikberg, and T.A.Vvedenskii. [Construction of measuring devices and instruments in machine building] Konstruirovanie izmeritel'nykh prisposobleniĭ i instrumentov v mashinostroenii. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 384 p.
Manufacture of transparent dials. I. S. Vasilenko. Izm. tekh. no. 3:81-82 My-Je '56.
Measuring system designed for the multipoint recording of mechanical parameters. G. E. Rudashevskii. Izv. AN SSSR. Otd. tekh. nauk no. 6:162-166 Je '56.
Moscow. Institut tekhniko-ekonomicheskoi informatsii. [Accelerometer A-2. An instrument for indicating overloading. Vibrograf V11] Akselerometr A-2, Pribory dlia registratsii peregruzok, Vibrograf V11. Moskva, 1955. 18 p. (Pribory i stendy. Tema no. 1, no. PS-55-488)
Present state and basic problems in the measurement of linear dimensions in machinery building. I. E. Gorodetskii. Izm. tekh. no. 3:11-15 My-Je '56.
Quality of some Russian and foreign linear measuring instruments. A. V. Ervais, V. IA. Eidinov. Izm. tekh. no. 3:16-20 My-Je '56.

MEASURING INSTRUMENTS—EXHIBITIONS see subdivision under Moscow

MEASURING INSTRUMENTS—STANDARDS
In the Committee of Standards, Measures and Measuring Instruments. Izm. tekh. no. 3:95-96 My-Je '56.

MEASURING INSTRUMENTS—TESTING
Instructions for checking testing machines and instruments. Izm. tekh. no. 3:83 My-Je '56.

MEAT
Effect of temperature and storage time of meat on the physicochemical properties of its salt-soluble protein [with English summary in insert]. M. I. Sizov. Biokhimiia 21 no. 3:317-321 My-Je '56.

MEAT—BACTERIOLOGY
Determination of meat contamination by the color and oxidation reaction. G. V. Kolobolotskii. Veterinariia 33 no. 8:39-42 Ag '56.

MEAT—DISINFECTION
Disinfection of food industry enterprises. A. A. Poliakov. Veterinariia 33 no. 8:42-47 Ag '56.

MEAT—ELECTRICAL PROPERTIES
Electrical characteristics of meat products when processed in a. c. high-frequency fields. B. Tellishevskii, N. Shishkina. Mias. ind. SSSR 27 no. 3:13-14 '56.

MEAT—PRESERVATION
Freezer capacity in the meat industry. L. Geller. Khol. tekh. 33 no. 2:45-49 Ap-Je '56.
Hygienic measures in cold storage warehouses. N. M. Ginzburg. Veterinariia 33 no. 8:54-57 Ag '56.

MEAT—SPECIFICATIONS
New standards for meat and dairy products. A. V. Nikolaeva, Z. M. Fedulova. Standartizatsiia no. 3:56-58 My-Je '56.

MEAT, CANNED
New practices in the canned meat industry. G. Babin. Mias. ind. SSSR 27 no. 3:60-62 '56.

MEAT, CANNED—ANALYSIS
Perhydrol method of decomposing samples of canned meat. A. F. Vikhor, M. A. Parshin. Veterinariia 33 no. 8:70 Ag '56.

MEAT, FROZEN
Natural losses in frozen mutton in lengthy storage. N. Golovkin and others. Khol. tekh. 33 no. 2:26-30 Ap-Je '56.

Some problems in veterinary and sanitary control in refrigerated transportation. L. M. Krapivner. Veterinariia 33 no. 8:68-70 Ag '56.

MEAT EXTRACT
Chemical composition and caloric value of broths made with bones. R. A. Shrabshtein, L. A. Astrenkhova. Vop. pit. 15 no. 4:51 Jl-Ag '56.

MEAT GRINDERS
Sectional knives for meat grinders. A. Krupen'kin. Mias. ind. SSSR 27 no. 3:52 '56.

MEAT INDUSTRY
Addresses by participants in the plenum of the Technical Council of The Ministry of the Meat and Dairy Products Industry of the U. S. S. R. Mias. ind. SSSR 27 no. 3:23-27 '56.
Brief news. Mias. ind. SSSR 27 no. 3:59 '56.
Correspondence from readers. Mias. ind. SSSR 27 no. 3: 57 '56.
Let's make use of production potentialities. D. Teternik, I. Orlov. Mias. ind. SSSR 27 no. 3:7-10 '56.
Pay more attention to planning and construction. Mias. ind. SSSR 27 no. 3:20-22 '56.
Questions and answers. Mias. ind. SSSR 27 no. 3:54-57 '56.
Resolve to end losses of raw materials. Mias. ind. SSSR 27 no. 3:1-5 '56.

MEAT INDUSTRY—ACCOUNTING
Calculation of cost in sausage production. A. Sakhno. Mias. ind. SSSR 27 no. 3:33-35 '56.
Simplifying the calculation of cost in sausage production. N. Kholodnov. Mias. ind. SSSR 27 no. 3:36-37 '56.

MEAT INDUSTRY—BY-PRODUCTS
Single-stage method of refrigerating fresh packing-house by-products. D. Khristodulo, A. Shopenskii. Mias. ind. SSSR 27 no. 3:10-12 '56.
Sterile drying by the spraying method. V. Rutingin. Mias. ind. SSSR 27 no. 3:15-16 '56.

MEAT INDUSTRY—EXHIBITIONS
"Meat industry" pavilion. M. Volkov. Mias. ind. SSSR 27 no. 3:58 '56.

MEAT INSPECTION
(see also subdivision under Moscow; Riga)
Veterinary and sanitation inspection of poultry carcasses. S. T. Shchennikov. Veterinariia 33 no. 8:57-60 Ag '56.

MECHANICAL DRAWING
Drawing board and lamp for illuminating the designers' work area. Rats. i izobr. predl. v strol. no. 134:18-19 '56.
Extracurricular work in mechanical drawing. M. Kovgan. Prof.-tekh. obr. 13 no. 6:26 Je '56.
The history of mechanical drawing in Russia during the second half of the nineteenth and the beginning of the twentieth century. A. A. Kuzin. Trudy Inst. ist. est. i tekh. 6:100-104 '56.
Krzhesinskii, A. I., and V. V. Slatinskii. [Brief manual on mechanical drawing] Kratkoe rukovodstvo po tekhnicheskomu risovaniiu. Izd. 2-oe, ispr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. -lit-ry, 1956. 47 p., diagrams.

MECHANICAL DRAWING—STUDY AND TEACHING
How we organize work in mechanical drawing. I. I. Shorshtein. Sred. spets. obr. no. 8:52-53 Ag '56.
Research in the field of engineering drawing. V. S. Levitskii. Sred. spets. obr. no. 6:17-22 Je '56.

MECHANICAL ENGINEERING
Theories on machinery in Russian scientific and technical literature during the period of manufactories. A. A. Dorogov. Trudy Inst. ist. est. i tekh. 6:100-155 '56.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL MODELS
The life of models ("Secrets of models," A. Morozov. Reviewed by V. Bolkhovitinov). Novyi mir 32 no. 9: 274-275 S '56.

MECHANICAL WEAR
Classification and calculation of interconnected machine part wear. A. S. Pronikov. Tren. i izn. mash. no. 11: 121-181 '56.
Comparative mechanical-wear testing of platings used in repairing machine-tool components. A. S. Lebedev. Trudy LIEI no. 8:143-161 '54.
Effect of some constructional factors on the wear of open joints with access of abrasives. I. I. Trepenenkov, A. M. Cherinpin. Tren. i izn. mash. no. 11:27-46 '56.
Effect of the direction of machining treatment marks on the lead bronze wearability. P. E. D'iachenko, T. V. Smushkova. Tren. i izn. mash. no. 7:56-71 '53.
Interaction of friction surfaces in mechanical wear processes. A. I Nisnevich. Izv. AN SSSR. Otd. tekh. nauk no. 8:122-125 Ag '56.

MECHANICAL WEAR (Continued)

Investigating abrasive wear of the parts in deep well pumps. Article 2. Stand and operation tests of the pumps. E. L. Markhasin. Tren. i izn. mash. no. 7:103-118 '53.

Investigating corrosion-abrasive wear of the steel used for water economizer boiler tubes. O. N. Muravkin, A. V. Rishchenkov. Tren. i izn. mash. no. 11:81-107 '56.

Investigating the effect of abrasive hardness on metal wear. M. M. Khrushchov, M. A. Babichev. Tren. i izn. mash. no. 11:19-26 '56.

Investigating the effect of porosity characteristics of chromium plating on cast iron wear. D. N. Garkunov, A. A. Poliakov. Tren. i izn. mash. no. 11:108-120 '56.

Investigating the effect of the microrelief of a contact surface on the wearability of a bearing alloy. A. D. Kuritsyna. Tren. i izn. mash. no. 7:41-55 '53.

Investigating the form of the scratch marks by the microinterference method. E. S. Berkovich. Tren. i izn. mash. no. 7:78-86 '53.

Investigating the wear of hubs and piston rings in mud pumps. V. S. Lomakin. Tren. i izn. mash. no. 11:47-80 '56.

Investigating the wear of metals and alloys frictioned on abrasive surface. M. M. Khrushchov, M. A. Babichev. Tren. i izn. mash. no. 11:5-18 '56.

Methods for wear tests of bearing materials. M. M. Tenenbaum. Tren. i izn. mash. no. 7:99-102 '53.

Origin of the "white phase" on the friction surface. A. D. Kuritsina. Tren. i izn. mash. no. 11:182-203 '56.

Phase transformations in steel at friction and wear. G. M. Zamorniev. Tren. i izn. mash. no. 11:210-238 '56.

Physical principles of the mechanical wear of plane-parallel limit-length gauges. E. P. Osmolovskaia. Izv. tekh. no. 3:24-29 My-Je '56.

Redistribution of carbon on friction surfaces of steel. V. V. Chernyshov. Tren. i izn. mash. no. 7:34-40 '53.

Technical problems in the laboratory tests of wear. V. F. Lorents. Tren. i izn. mash. no. 7:87-98 '53.

Using the method of the scratch marks for studying the wearability of cylinders. E. A. Chudakov, S. E. Ostrovskaia. Tren. i izn. mash. no. 7:72-77 '53.

Wear mechanism of the railroad wheels. T. V. Larin, V. P. Deviatkin. Tren. i izn. mash. no. 11:230-263 '56.

X-ray structural investigation of the "white crust" originated on the friction surface. V. G. Liuttsau. Tren. i izn. mash. no. 11:204-209 '56.

MECHANICAL WEAR—BIBLIOGRAPHY see Bibliography—Mechanical wear

MECHANICS

Akademiia nauk SSSR. Institut mashinovedeniia. [Fundamental problems in the theory of machines and mechanisms] Osnovnye problemy teorii mashin i mekhanizmov. Moskva, 1956. 156 p.

MECHANICS, ANALYTIC

Basic aspects of the mechanics of nonholonomic systems. V. V. Dobronravov. [Trudy] MVTU no. 50:50-73 '56.

Dynamics of relative linear motion of a particle rotating around a vertical axis. M. B. Sizov. [Trudy] MVTU no. 50:182-236 '56.

Fundamental equations of the mechanics of variable mass. N. IA. Golovin. [Trudy] MVTU no. 50:27-40 '56.

Oscillations and rigidity of nonholonomic systems. A. N. Obmorshev. [Trudy] MVTU no. 50:75-96 '56.

Some problems of plane-parallel motion of the rigid bodies. V. P. Kutler. [Trudy] MVTU no. 50:300-312 '56.

MECHNIKOV, IL'IA IL'ICH, 1845-1916

I. M. Sechenov and I. P. Pavlov on I. I Mechnikov. G. P. Tribuev. Voen.-med. zhur. no. 9:88-90 S '51.

Mechnikov, fighter against religion. D. F. Ostrianin. Nauka i zhizn' 23 no. 7:47-48 Jl '56.

Seek and fight; 40th anniversary of the death of the eminent Russian biologist. I. I. Mechnikov. IUnt. nat. no. 4:26-28 Jl '56.

MEDICAL CARE, INDUSTRIAL see Labor and laboring classes—Medical care

MEDICAL CHEMISTRY see Chemistry, Medical and pharmaceutical

MEDICAL INSTRUMENTS AND APPARATUS

Bobrov's apparatus in therapeutics. I. G. Golovko. Fel'd. i akush. 21 no. 6:42-47 Je '56.

Kit for the physician on duty. M. M. Siniavskii. Voen.-med. zhur. no. 9:86-88 S '55.

Modified apparatus for the erythrocyte sedimentation reaction. S. S. Dankov. Voen.-med. zhur. no. 9:70-72 S '51.

New medical, physiological, and biological apparatus. N. I. Manuilov, IU. A. Lotts. Vest. AMN SSSR 11 no. 3: 84-93 '56.

New portable fine-dispersing inhaler. V. V. Sukharev. Voen.-med. zhur. no. 6:74-76 Je '56.

Nozzle-fitting a flask for rinsing the upper respiratory organs and the eyes. N. A. Alekseev. Voen.-med. zhur. no. 4:78 Ap '56.

Studying cytogramms of nasal secretion on celluloid film. E. N. Simonovich. Voen.-med. zhur. no. 9:56-57 S '55.

"We admire your instrument." A. Vishnevskii. Sov. Soiuz no. 4:22-23 Ap '56.

MEDICAL MYCOLOGY

Antibiotic treatment for diseases in children caused by yeastlike fungi. T. K. Gundobina. Pediatriia 39 no. 3: 49-52 My-Je '56.

Candidomycosis in antibiotic therapy. N. G. Romanova. Pediatriia 39 no. 3:63-65 My-Je '56.

MEDICAL MYCOSIS

Generalized candidomycosis in a 9-month-old child caused by antibiotics. E. I. Kopytina. Pediatriia 39 no. 3:78-80 My-Je '56.

Visceral candidomycosis in children. G. I. Zaitseva, V. V. Bystrova, G. A. Neliubina. Pediatriia 39 no. 3: 56-62 My-Je '56.

MEDICAL PHOTOGRAPHY see Photography, Medical

MEDICAL PLANTS see Botany, Medical

MEDICAL RECORDS

Simplification of medical records. E. J. Zeidura. Sov. zdrav. 15 no. 4:27-31 Jl-Ag '56.

Working out a system of annual statistical cards in industrial dispensaries. E. I. Detchman. Gig. i san. 21 no. 7:41-44 Jl '56.

MEDICAL RESEARCH

Discussion on the report by A. I. Nesterov, vice president of the Academy of Medical Sciences of the U. S. S. R. Vest. AMN SSSR 11 no. 3:22-29 '56.

Scientific research plan of institutions of the Academy of Medical Sciences of the U. S. S. R. for 1956-1960. A. I. Nesterov. Vest. AMN SSSR 11 no. 3:3-21 '56.

MEDICAL SERVICE EMPLOYEES

Legal consultation. I. IA. Bychkov. Fel'd. i akush. 21 no. 6:59-61 Je '56.

MEDICAL SOCIETIES see subdivision under Leningrad; Moscow

MEDICAL STATISTICS

Legal consultation. I. IA. Bychkov. Fel'd. i akush. 21 no. 6:59-61 Je '56.

Studying the morbidity of the population according to data on the number of visits. I. V. Kovalenko, N. V. Pinchuk. Sov. zdrav. 15 no. 4:31-35 Jl-Ag '56.

MEDICINE

(see also subdivision under Byzantine Empire; China; Korea, North; Pakistan)

Physics, chemistry, geology, technology, mechanics, mathematics, astronomy, biology, medicine and agriculture; reviews [of foreign literature]. Nov. knigi za rub. 9 no. 6:3-131 Je '56.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CASES, CLINICAL REPORTS, STATISTICS

Analysis forms to be attached to case history records. E. T. Gerusova. Voen.-med. zhur. no. 4:40 Ap '56.

MEDICINE—PERIODICALS

From the editors. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:3-6 Ja-Mr '56.

MEDICINE—STUDY AND TEACHING

Lecture method of teaching in medical schools. N. N. Lavrov. Fel'd. i akush. 21 no. 6:48-51 Je '56.

Organizing the duty of medical school students. A. G. Loiferman, L. S. Roitburd. Sred. spets. obr. no. 7:49-50 Jl '56.

MEDICINE, DENTAL see Teeth—Diseases

MEDICINE, ELECTROMAGNETISM IN see Electromagnetism in medicine

MEDICINE, EXPERIMENTAL

Valuable research. I. A. Utkin. Nauka i zhizn' 23 no. 8: 49-50 Ag '56.

MEDICINE, MILITARY

Establishing contact between medical specialists of a garrison hospital. V. A. Vas'kovskii. Voen.-med. zhur. no. 9:64-65 S '51.

Laboratory diagnosis in the regiment. A. V. IAkovlev. Voen.-med. zhur. no. 6:84 Je '51.

Methodology of studying the incidence of disease among troops. E. L. Notkin. Voen.-med. zhur. no. 3:38-41 Mr '56.

Methods of medical inspection during physical training lessons. N. G. Sadchikov. Voen.-med. zhur. no. 9:21-25 S '55.

Preparing for the camping period is an important task for the military medical service. Voen.-med. zhur. no. 4:3-9 Ap '56.

Scientific research work in military medicine in administration areas and in fleets should be further developed. Voen.-med. zhur. no. 6:3-7 Je '56.

Work practice of a medical center. A. V. Voropai. Voen.-med. zhur. no. 6:71-73 Je '56.

MEDICINE, MILITARY—DICTIONARIES

Encyclopedic dictionary of military medicine (conclusion). V. G. Gnezdilov and others. Voen.-med. zhur. no. 5:46-55 My '56.

MEDICINE, MILITARY—HISTORY

First instructions for field surgeons in Russia. G. B. IAkovlev. Voen.-med. zhur. no. 9:91-92 S '51.

MEDICINE, NAVAL

Medical officer. E. Vorob'ev. Sov. mor. no. 5:14 Mr '56.

MEDICINE, NAVAL—HISTORY
(see also subdivision under Russia)

Admiral P. S. Nakhimov's attention to naval medicine. V. I. Shestov. Voen.-med. zhur. no. 9:79-83 S '55.

MEDICINE, PSYCHOSOMATIC

The role of psychology in medicine. V. N. Miasishchev. Vop. psikhol. 2 no. 3:3-15 My-Je '56.

MEDICINE, RURAL
(see also subdivision under Kazakhstan)

"Dispensary service for the rural population." B. N. Grushko, T. R. Petrova. Reviewed by N. V. Dogle. Sov. zdrav. 15 no. 4:61-64 Jl-Ag '56.

Organization of physical therapy in the village. V. N. Sovetov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2: 60-63 Ap-Je '56.

MEDICINE, VETERINARY see Veterinary medicine

MEDICINE AND RELIGION

Kanevskii, L. O. [Medicine and religion] Meditsina i religiia. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 7)

MEDITERRANEAN REGION—DESCRIPTION AND TRAVEL

Around Europe (to be continued). V. Iordanskii. Nov. vrem. 14 no. 29:20-23 Jl '56.

MEDTNER, NICOLAS see Metner, Nikolai Kraiovich, 1879-1951

MEDULLA OBLONGATA—DISEASES

Conditions of the ear and of the upper respiratory tract in syringobulbia. N. A. Okulova. Vest. oto-rin. 18 no. 4:59-62 Jl-Ag '56.

MEDVENKA DISTRICT—COLLECTIVE FARMS

Progressive organization of labor. D. V. Raevskii. Nauka i pered. op. v sel'khoz. no. 6:78-79 Je '56.

MELANINS

Investigating the pigments of tumor cells with the ultraviolet microscope. M. P. Bukhman, L. I. Kostina. Biofizika 1 no. 4:387-389 '56.

MELANTERITE see subdivision under Transcarpathia

MELBOURNE—OLYMPIC GAMES

Where the Olympics will be held. L. Khomenkov. IUnost' no. 7:108-109 Jl '56.

MELIKOV, GASAN-BEK, 1837-1907, pseud. see Zardabi

MELODY

Baranovskii, F. P., and E. E. IUtsevich. [Tonal analysis of a free melodic system] Zvukovysotnyi analiz svobodnogo melodicheskogo stroia. Kiev, Izd-vo Akademii nauk USSR, 1956. 81 p.

MELONS
(see also subdivision under Liman District)

Anatomical structure of the pericarp of cultivated melons (Melo Adans.) B. T. Matlenko. Bot. zhur. 41 no. 4:558-560 Ap '56.

Determining the ripeness of watermelons by the specific weight. V. M. Markov. Sad i og. no. 7:27-28 Jl '56.

Kolesnikov, I. V. [High yields of watermelons for feeding stuff] Vysokie urozhai kormovogo arbuza. Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955. folder. (DA)

MEMORY

Considerations on Penfield's hypothesis of the interrelations between the cerebral cortex and subcortex in the mechanism of memory. G. A. Vasil'ev. Zhur. nevr. i psikh. 56 no. 7:587-591 '56.

MENDELEEV, DMITRII IVANOVICH, 1834-1907

Works of D. I. Mendeleev in aeronautics and meteorology. B. N. Vorob'ev. Trudy Inst. ist. est. i tekh. 8:72-99 '56.

MENINGES—TUBERCULOSIS

Analysis of the causes of late hospitalization of children with tuberculous meningitis. N. A. Volova, E. G. Vagina. Vop. okh. mat. i det. 1 no. 1:66-70 Ja-F '56.

Early diagnosis of tuberculous meningitis in infants under one year of age. R. M. Ibragimova. Vop. okh. mat. i det. 1 no. 1:61-65 Ja-F '56.

MENINGES—TUBERCULOSIS (Continued)

Intracranial calcifications following tuberculous meningitis. A. V. Aleksandrova. Vest. rent. i rad. 31 no. 3:61-66 My-Je '56.

Some peculiarities of the course of tuberculosis meningitis in adults treated by streptomycin. E. M. Grinshpunt. Voen.-med. zhur. no. 9:32-37 S '51.

MENINGITIS, CEREBROSPINAL

Course of serous meningitis caused by the mumps virus and without clinical symptoms of parotitis. R. B. Sheidina, N. S. Kliachko. Vop. okh. mat. i det. 1 no. 1:56-60 Ja-F '56.

MEN'SHIKOVA, ZINAIDA

Our deputy Zinaida Men'shikova. A. A. Severianova. Ogonek 25 no. 52:16a D '47.

MENSURATION
(see also subdivision under Ori-Khingou Valley)

Tasks of scientific research activities in the field of metrology. G. D. Burdun. Izm. tekh. no. 3:6-10 My-Je '56.

MENSURATION—ABSTRACTS

Abstracts published by the All-Union Scientific Research Institute of Metrology. Izm. tekh. no. 3:92 My-Je '56.

MERCAPTO COMPOUNDS—TOXICOLOGY

Rhythmic tremor of the skeletal muscle caused by thiol poisons. A. I. Podlesnaia. Biul. eksp. biol. med. 42 no. 7:44-48 Jl '56.

MERCHANDISE, DISPLAY OF see Display of merchandise

MERCHANT MARINE
(see also subdivision under Czechoslovakia; Norway; United States; Yugoslavia)

Growth in labor productivity is the most important condition for the development of a merchant marine. A. Polevoi. Blok. agit. vod. transp. no. 14:8-17 Jl '56.

MERCHANT MARINE—BIBLIOGRAPHY see Bibliography—Merchant marine

MERCHANT SHIPS

Problems in the modernization of the merchant marine. M. I. Korchagin and others. Sudostroenie 22 no. 4:33-36 Ap '56.

MERCURY

Preparation and certain properties of mercury-oxide compounds with acetone and their use in the development of a method for quantitative determination of mercury. A. A. Medvedovskii. Ukr. khim. zhur. 17 no. 1:36-42 '51.

Study of properties of the surface layer of liquids by the floating-drop method. M. V. Tovbin. Ukr. khim. zhur. 22 no. 3:309-312 '56.

MERCURY-ARC RECTIFIERS

Inverter equipment of railroad traction substations. M. D. Treivas. Elektrichestvo no. 6:87-90 Je '56.

MERCURY CHLORIDES

Quantitative determination of corrosive sublimate and sodium chloride when present simultaneously. A. A. Medvedovskii. Apt. delo 5 no. 4:44-48 Jl-Ag '56.

MERCURY SULFIDES—ELECTRIC PROPERTIES

Photoconductivity quenching in mercury sulfide. A. D. Shneider. Zhur. tekh. fiz. 26 no. 7:1433-1435 Jl '56.

MERWINITE

Characteristics and formation of merwinite in synthetic magnesian masses. A. A. Alent'ev, G. M. Korovnichenko. Min. sbor. no. 9:260-265 '55.

MESONS

Close approximations in the self-consistent field method of the meson theory. E. L. Feinberg, D. S. Chernavskii. Dokl. AN SSSR 108 no. 4:619-622 Je '56.

Interaction of $\pi$-mesons with protons at 4.5 Bev energy. A. I. Nikishov. Zhur. eksp. i teor. fiz. 30 no. 5:990-991 My '56.

Two $\tau$-mesons detected in a photographic emulsion. I. M. Gramenitskii and others. Zhur. eksp. i teor. fiz. 30 no. 5:967-969 My '56.

MESONS—CAPTURE

Capture of $K$-mesons by deuterium and interaction between hyperons and nucleons. L. B. Okun', I. M. Shmushkevich. Zhur. eksp. i teor. fiz. 30 no. 5:979-981 My '56.

MESONS—SCATTERING

Diffraction scattering of high $\pi$-mesons by nuclei. S. Z. Belen'kii. Zhur. eksp. i teor. fiz. 30 no. 5:983-985 My '56.

Renormalization of the Tamm-Dankov equation. V. I. Ritus. Zhur. eksp. i teor. fiz. 30 no. 5:985-987 My '56.

METABOLISM

Reamination of the adenylic system in the nervous and muscular systems [with English summary in insert]. P. A. Kometiani, E. E. Klein. Biokhimiia 21 no. 3:389-396 My-Je '56.

Sisakian, N.M. [Modern concepts of metabolism] Sovremennye predstavleniia o biologicheskom obmene veshchestv. Moskva, Izd-vo "Znanie," 1956. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 33)

METAL CRYSTALS

Concerning the relief formed by twin layers at the soldered planes of bismuth, antimony and zinc. V. I. Startsev, V. M. Kosevich. Fiz. met. i metalloved. 2 no. 2:320-327 '56.

On plastic deformation and hardening in alternate-direction deformation. F. P. Rybalko. Fiz. met. i metalloved. 2 no. 2:376-377 '56.

METAL CUTTING

Cut by supersonic waves. A. Sanin. Ogonek 34 no. 24:16 Je '56.

Deformed shavings. M. V. Kas'ian. Trudy Azerb. ind. inst. no. 7:63-73 '54.

Eremin, A. N. [Physical characteristics of steel under cutting] Fizicheskaia sushchnost' iavlenii pri rezanii stalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 225 p. [MICROFILM]

Interrelations of cutting parameters. V. F. Paramonov. Vest. mash. 36 no. 7:45-49 Jl '56.

Machining blades with a variable profile for the GT-12-3 gas turbine installation. S. L. Kal'nitskii. Energomashinostroenie no. 5:19-21 My '56.

Shortcomings of a textbook entitled "Metal-cutting." G. I. Granovskii and others. Reviewed by B. T. Prushkov. Vest. mash. 36 no. 7:87-89 Jl '56.

Surface smoothness and surface layer hardening in broaching of heat resistant metals. N. F. Pronkin. Stan. i instr. 27 no. 8:32-34 Ag '56.

Zorev, N. N. [Mechanical problems in the process of cutting metals] Voprosy mekhaniki protsessa rezaniia metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 367 p.

METAL-CUTTING TOOLS see Cutting tools

METAL DRAWING see Drawing (Metalwork)

METAL INDUSTRIES

Collection no. 50 of efficiency experts' suggestions. Metallurg no. 7:35 Jl '56.

We shall give the country more iron, steel, and rolled products. Metallurg no. 2:1-2 F '56.

METAL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Metal industries

METAL SPRAYING

Effective methods of preparing surfaces for electric metal spraying in automobile and tractor repair. G. A. Abramov. Sbor. nauch. rab. LIMSKH 9:55-70 '53.

Testing the wearing quality of facings used in repairing truck tractor parts. V. I. Kazartsev. Sbor. nauch. rab. LIMSKH 9:32-54 '53.

METALLOGRAPHY
(see also subdivision under United States)

Problem of metal strength in crystallization process at the time of welding. N. N. Prokhorov. Svar. proizv. no. 6:5-11 Je '56.

Use of radioactive isotopes to detect defects in fittings and welded joints. Sh. TS. Golinskii. Energetik 4 no. 7:5-6 Jl '56.

METALLURGICAL PLANTS
(see also subdivision under Cherepovets; Dnepropetrovsk; Kirovabad; Magnitogorsk; Makeyevka; Novo-Tagilka; Serov; Ural Mountain region; Zaporozhye; Zhdanov)

Confere ce of members of the Interfactory Institute of the Main Administration of Quality Steel and Ferroalloys. Metallurg no. 1:36-37 Ja '56.

In a few words. Metallurg no. 7:3 of cover Jl '56.

Successfully carrying out the directives of the 20th Congress of the Communist Party of the Soviet Union. Metallurg. no. 4:1-3 Ap '56.

Work organization in repair shops of metallurgical plants. S. V. Lazarev. Metallurg no. 7:7-8 Jl '56.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Improving the use of settling tanks. N. A. Metelenko. Stal' 16 no. 7:602-603 Jl '56.

Shortcomings in the operation of the UZTM electric tapping gun. D. K. Benevolenskii. Metallurg no. 2:27-29 F '56.

Temperature distribution on the walls of a blast furnace slag-car ladle. K. A. Pak, A. V. Chalenko. Stal' 16 no. 7:652-653 Jl '56.

METALLURGICAL PLANTS—SAFETY MEASURES

"Principles of safety techniques" B. M. Ziobinskii. Reviewed by S. A. Raikher, P. I. Railo. Stal' 16 no. 7:668-669 Jl '56.

METALLURGICAL RESEARCH
(see also subdivision under Dnepropetrovsk)

Central Scientific Research Institute of Ferrous Metallurgy. S. K. Trekalo. Metallurg. no. 4:6-7 Ap '56.

METALLURGY
(see also subdivision under Gorkiy; Magnitogorsk)

All-Union Conference on Automatization of Industrial Processes in Iron Metallurgy. G. Martynov, I. Shitov. Gor. zhur. no. 7:3 of cover Jl '56.

Collection of efficiency suggestions, no. 54. Metallurg no. 2:40-3 of cover F '56.

In the Scientific and Technical Society of Ferrous Metallurgy. Metallurg no. 7:38-39 Jl '56.

Resources for the increase of labor productivity in ferrous metallurgy. D. Galkin. Sots. trud no. 7:40-47 Jl '56.

Some problems in the theory of metallurgical processes. G. I. Chufarov. Priroda 45 no. 8:85-88 Ag '56.

The use of vacuum in ferrous metallurgy. Stal' 16 no. 7:661-662 Jl '56.

METALLURGY—ABSTRACTS

[Metallurgy; abstracts nos. 7022-8208] Referativnyi zhurnal: Metallurgiia no. 8 Ag '56.

METALLURGY—BIBLIOGRAPHY see Bibliography—Metallurgy

METALLURGY—JUVENILE LITERATURE

Boldyrev, S. M. [A book about metal] Kniga o metalle. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 348 p.

METALLURGY—PRODUCTION STANDARDS

"Labor organization and technical standards of production in ferrous metallurgy." S. Levin, L. Liberman. Reviewed by S. Kheinman. Sots. trud no. 7:110-115 Jl '56.

METALLURGY—STUDY AND TEACHING
(see also subdivision under Peiping)

Work practice of a Zhdanov evening technical school. K. G. Dontsova. Sred. spets. obr. no. 7:43-46 Jl '56.

METALLURGY—TEXTBOOKS

Technical schools are waiting for a good textbook on metallurgy. I. F. Bogdanov. Sred. spets. obr. no. 7:55-56 Jl '56.

METALLURGY, PHYSICAL see Physical metallurgy

METALORGANIC COMPOUNDS see Organometallic compounds

METALS

Arkhipenko, V. K. [Metal is our strength] Metall - nasha sila. Moskva, Gos. izd-vo polit. lit-ry, 1956. 46 p.

Certain physicochemical properties of compounds of infusible transition metals with boron, carbon, and nitrogen, and characteristics of their binary alloys. G. V. Samsonov. Izv. Sekt. fiz.-khim. anal. 27:97-125 '56.

Determination of lead, zinc, and thallium in the air by a spectrographic method. M. S. Bykhovskaia, M. D. Babina. Gig. i san. 21 no. 7:26-30 Jl '56.

Metal-ion absorption on filter paper from highly diluted solutions. K. V. Trotskii. Trudy Kom. anal. khim. 7:96-103 '56.

Metallic compounds. N. V. Ageev. Izv. Sekt. fiz.-khim. anal. 27:75-85 '56.

Relation between the mechanical properties and the atomic interaction in the crystal lattice of solids. B. M. Rovinskii. Izv. AN SSSR. Otd. tekh. nauk no. 9:55-64 S '56.

Self-diffusion in metals. S. M. Hertsriken, I. I. Dekhtiar. Dop. AN URSR no. 5:57-67 '49.

METALS—ANALYSIS

Gamma rays examine the consistency of metals. A. Grigor'ev. Ogonek 34 no. 27:25 Jl '56.

Nikitina, E. I. [Accelerated semimicrochemical methods for analyzing metals and alloys] Uskorennye polumikrokhimicheskie metody analiza metallov i splavov. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 306 p.

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—COLD WORKING

Methods of cold rolling on a six-roller mill. Metallurg no. 5:36-37 My '56.

METALS—COLORING

Chemical coloring of metal articles. I. Finarevskii. Prom. koop. no. 5:15-17 My '56.

METALS—COSTS

Lower the cost of metals. N. M. Bystrova. Metallurg no. 7:1-3 Jl '56.

METALS—DEEP DRAWING see Deep drawing (Metalwork)

METALS—ELECTRIC PROPERTIES

Changes in the thermoelectromotive force of metals subjected to plastic deformation. N. F. Kunin. Fiz. met. i metalloved. 2 no. 2:237-243 '56.

METALS—FATIGUE

Effect of surfactants on the fatigue strength of metals. H. V. Karpenko. Dop. AN URSR no. 3:39-43 '49.

Effect of the material of the enveloping parts on the fatigue strength of axles and shafts. I. V. Kudriavtsev, N. M. Savvina. Vest. mash. 36 no. 7:10-14 Jl '56.

METALS—FINISHING

Amchislavskii, N.V., and S.I. Pavlovskii. [Finishing and grading of metals] Otdelka i sortirovka metalla. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 151 p.

Kadaner, L.I. [Protective coatings for metals] Zashchitnye plenki na metallakh. Khar'kov, Izd-vo Khar'kovskogo ordena trudovogo krasnogo znameni gos. univ. im. A.M. Gor'kogo, 1956. 282 p.

Roll mandrel for rolling automobile parts. L.G. Erenkrants. Avt. i trakt. prom. no. 6:27-29 Je '56.

METALS—HARD FACING see Hard facing

METALS—HARDENING

Effect of surface hardening by heating with commercial frequency currents on the properties of work rolls for cold rolling. V.N. Novikov. Metalloved. i obr. met. no. 6:36-47 Je '56.

METALS—HEAT TREATMENT

High-duty burners for gas-flame treatment of metals. Stan. i instr. 27 no. 8:44 Ag '56.

METALS—SPECTRA

Use of the standardless method in spectrum analysis of ferrous metals. M.S. Ashkinazi. Ukr. khim. zhur. 17 no. 2:173-175 '51.

METALS—TESTING

Effect of the shape of specimen cross sections on the magnitude of axial deforming strains due to compression. V.E. Panin. Fiz. met. i metalloved. 2 no. 2: 357-360 '56.

Filling of a temperature control valve. Iu. Seniagin. Khol. tekh. 33 no. 2:67-68 Ap-Je '56.

Testing the quality of metals used in equipment repairing. N. Chupakhin. Khol. tekh. 33 no. 2:66-67 Ap-Je '56.

Vickers and Rockwell hardness as a function of the plasticity parameter of metals and of experimental conditions. G.P. Zaitsev. Fiz. met. i metalloved. 2 no. 2:330-350 '56.

METALS, GASES IN see Gases in metals

METALS AT LOW TEMPERATURES

Strength of metals at low temperatures. G.V. Uzhik. Vest. AN SSSR 26 no. 8:9-14 Ag '56.

METALS IN THE BODY

The alkali, alkaline earth metal, and iron content of the muscles of some Black Sea fishes and invertebrates. F.A. Kruchakova. Trudy Karad. biol. sta. no. 12:111-115 '52.

Copper, zinc, cadmium, and nickel content of muscles and tumors. V.I. Gorodyskii, I.V. Veselaia, O.N. Rostovtseva. Vop. med. khim. 2 no. 1:17-18 Ja-F '56.

METALWORKING MACHINERY

Bench for wood and metalwork. L.S. Shul'ts. Ucheb.-vosp. rab. v dets. dom. no. 30:76-87 '55.

Program control of metalworking machines. I.I. Artobolevskii, M.L. Bykhovskii. Vest. AN SSSR 26 no. 6: 51-57 Je '56.

Semiautomatic press for bending guides of locking hooks. A.F. Krylov. Avt. i trakt. prom. no. 6:44 Je '56.

Ways of reducing labor expenditure in finishing rolled products. I.G. Pashko. Metallurg no. 6:3-4 Je '56.

METAMORPHIC ROCKS see subdivision 'Rocks, Crystalline and metamorphic' under Azov Sea of

METASOMATISM

Mineralogical peculiarities of rocks from the village of Pokrovskoye, caused by sodium metasomatism. Iu. Ir. Polovinkina. Min. sbor. no. 9:173-180 '55.

METEORITES

Zavaritskii, A.N. [Scientific papers on meteorites] Raboty po meteoritike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 93 p.

METEORITES—BIBLIOGRAPHY see Bibliography—Meteorites

METEOROLOGICAL INSTRUMENTS

Protecting buffers of air-borne meteorographs against icing. P.I. Gvelesiani. Meteor. i gidrol. no. 6:39 Je '56.

METEOROLOGY

Change of meteorological elements during a solar eclipse. A.A. Dmitriev, T.V. Bonchkovskaia, T.A. Kalinina. Trudy MGI 7:93-119 '56.

Fifth interdepartmental conference on research problems of clouds, precipitation, and thunderstorm electricity. N.I. Vul'fson, L.M. Levin. Izv. AN SSSR. Ser. geofiz. no. 6:735-739 Je '56.

In the presidium of the Scientific-Technological Council of the Chief Administration of the Hydrometeorological Service. V.N. Zakharov. Meteor. i gidrol. no. 6:69 Je '56.

"Regulations for hydrometeorological stations and posts. no. 3, part 1, section 2, chapter 9, 'Atmospheric phenomena.'" Reviewed by A.D. Zamorskii. Izv. Vses. geog. ob-va 88 no. 3:303-304 My-Je '56.

METEOROLOGY—OBSERVATIONS see subdivision under Arctic regions

METEOROLOGY, AGRICULTURAL

Hydrometeorological research in regions of reclaimed virgin and idle lands. D.G. Groz'. Meteor. i gidrol. no. 6:68-69 Je '56.

METEOROLOGY IN AERONAUTICS

Laboratory above the clouds. IUr. Lymar. Ukraina no. 13:24 Jl '56.

Meteorological conditions of flights at high altitudes. D. Timofeev. Grazhd. av. 13 no. 7:14-16 Jl '56.

New book on aviation meteorology ("Principles of aviation meteorology." L.T. Matveev, P.I. Smirnov. Reviewed by D.P. Timofeev). Meteor. i gidrol. no. 6:63-66 Je '56.

METEORS

Processing meteor photographs on stereocomparator. N.D. Rosenblium. Astron. tsirk. no. 168:22-23 '56.

Study of comets and meteors at the Stalinabad observatory. L.A. Kotasev. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:27-32 '54.

METEORS—OCTOBER

Activity of orionid meteoric showers in 1955. A.P. Savrukhin. Astron. tsir. no. 167:26-27 F '56.

Orionids in 1954 and 1955 as observed through binoculars. V.E. Shtepan. Astron. tsir. no. 167:27-28 F '56.

METHANE

Determination of the relative vapor pressures of $C^{13}H_4$ and of $O^{18}_2$ by the Rayleigh distillation method (with English summary in insert). G.G. Deviatykh, A.D. Zorin. Zhur. fiz. khim. 30 no. 5:1133-1139 My '56.

Deuterium atom reactions with alkenes. Relation of methane deuteration to the concentration of deuterium atoms in the system. R.E. Mardaleishvili and others. Izv. AN SSSR. Otd. khim. nauk no. 5:516-524 My '56.

Kinetic study of the initial phase of nitrogen oxide catalyzed oxidation of methane (with English summary in insert). L.V. Karmilova, N.S. Enikolopian, A.B. Nalbandian. Zhur. fiz. khim. 30 no. 4:798-810 Ap '56.

Mechanism of decomposition of methane (with English summary in insert). P.S. Shantarovich, B.V. Pavlov. Zhur. fiz. khim. 30 no. 4:811-820 Ap '56.

Oxidation of methane by oxygen atoms resulting from the thermal decomposition of ozone (with English summary in insert). N.A. Kleimenov and others. Zhur. fiz. khim. 30 no. 4:794-797 Ap '56.

Using methane on farms. V.M. Litvin. Nauka i zhizn' 23 no. 6:55-56 Je '56.

METHANOL

Roentgenographic investigation of methyl alcohol. O.Z. Holyk, A.F. Skryshevs'kyi, S.D. Ravikovych. Dop. AN URSR no. 6:457-459 '54.

Surface chemical compound of silica and methanol and its photodissociation (with English summary in insert). L.N. Kurbatov. Zhur. fiz. khim. 30 no. 5:1052-1056 My '56.

METHIONINE

Incorporation of $S^{35}$-labeled methionine into the proteins of different organs and tissues of healthy guinea pigs and guinea pigs with gaseous gangrene. I.B. Fridiland. Vop. med. khim. 2 no. 1:19-24 '56.

Use of methionine for the prevention of complications in the treatment with novarsenol. A.V. Azinvchik, T.V. Vasil'ev. Vop. med. khim. 2 no. 2:115-121 Mr-Ap '56.

METHYLENE BLUE—SPECTRA

Absorption spectra of methylene blue crystals. N.M. Melankholin. Dokl. AN SSSR 108 no. 2:247-250 My '56.

METNER, NIKOLAI KARLOVICH, 1879-1951

A new work on Metner ("Nicolas Medtner. A memorial volume" [in English]. Reviewed by G. Shneerson). Sov. muz. 20 no. 7:139-143 Jl '56.

MEXICAN DRAWING see Drawing, Mexican

MEXICAN LITERATURE—HISTORY AND CRITICISM

A review of Mexican literature. V. Kuteishchikova, L. Ospoval. Nov. vrem. 14 no. 30:26-30 Jl '56.

MEXICO—ATHLETICS

Friends, we are expecting you! Roman Brener. Smena 33 no. 12:22-23 Je '56.

MEXICO—FOREIGN RELATIONS—UNITED STATES

A letter from Mexico. Nov. vrem. 14 no. 28:20 Jl '56.

MEXICO—GEOLOGY—CONGRESSES

International geological congress. N.I. Khitarov. Geokhimiia no. 1:118 '56.

MEXICO—MOTION PICTURES

Impressions of a trip. Isk. kino no. 6:110 Je '56.

MEXICO—RADIOLOGY, MEDICAL—CONGRESSES

Eighth International Congress of Roentgenologists and Radiologists in Mexico. Med. rad. 1 no. 2:95 Mr-Ap '56.

MEXICO—TREES

Juanita. Vokrug sveta. no. 6:23 Je '56.

MEXICO—YOUTH

In honor of the 21st of February. Mol. mira no. 5:6 '56.

MEZIN—STONE AGE

Excavations at the Mezin paleolithic site; preliminary report on excavations in 1954. I.G. Shovkoplias. Krat. soob. IIMK no. 63:31-39 '56.

MIASKOVSKII, NIKOLAI IAKOVLEVICH, 1881-1950

N.IA. Miaskovskii's sixth symphony. M. Tarakanov. Sov. muz. 20 no. 7:11-16 Jl '56.

MICA—SPECTRA

Curves of absorption spectra and other physical constants of natural micas. S.V. Grum-Grzhimailo and others. Min. sbor. no. 9:99-119 '55.

MICE

Winter mobility of small forest animals [with English summary in insert]. E.V. Rutshild. Zool. zhur. 35 no. 5:758-769 My '56.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

Enikeev, Kh.K., and P.N. IAkovlev, comps. [Ivan Vladimirovich Michurin, the great transformer of nature; an album of visual instructional aids] Ivan Vladimirovich Michurin - velikii preobrazovatel' prirody; al'bom nagliadnykh posobii. [Moskva] Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 78 l. (in portfolio)

———— [Explanatory text to accompany the album] Poiasnitel'nyi tekst k al'bomu. 1956. 45 p.

Followers of I.V. Michurin in France. S.IA. Rusakovskii. Kartofel' no. 2:59 My-Je '56.

Incompleteness and some inaccuracies in the publication of Michurin's works. I.I. Present. Agrobiologiia no. 3: 151-155 My-Je '56.

K.A. Timiriazev and I.V. Michurin. Sad i og. no. 6:6-7 Je '56.

MICKIEWICZ, ADAM, 1798-1855

Adam Mickiewicz and the Ukrainian literature. G.D. Verves. Lit. slav. nar. no. 1:105-116 '56.

In fraternal Poland. Maksym Ryl's'kyi. Ukraina no. 13:20-21 Jl '56.

International recognition ("Adam Mickiewicz, 1798-1855. UNESCO's homage on the 100th anniversary of his death" [in French]. Reviewed by M. Zhivov). Novyi mir 32 no. 6:253-254 Je '56.

Mickiewicz and music. I.F. Belza. Lit. slav. nar. no. 1: 144-162 '56.

Mickiewicz and Zeromskii. V.V. Vitt. Lit. slav. nar. no. 1:65-82 '56.

Mickiewicz's ballads as translated by Pushkin. V.A. Khorev. Lit. slav. nar. no. 1:83-92 '56.

Mickiewicz's works and the czarist censorship. I.I. Bekker. Lit. slav. nar. no. 1:117-143 '56.

Russian translations of A. Mickiewicz's "Crimean sonnets." I.N. Koltasheva. Lit. slav. nar. no. 1:93-104 '56.

Sources of "Ode to youth." S.S. Landa. Lit. slav. nar. no. 1:5-64 '56.

MICROBES see Bacteria; Bacteriology

MICROBIOLOGY

(see also subdivision under Czechoslovakia, Ukraine)

"Tables for studying microbiological diagnosis of communicable diseases." Reviewed by G.A. Orlov. Zhur. mikrobiol. epid. i immun. 27 no. 7:104-106 Jl '56.

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROCHEMISTRY

Use of cationites in microcrystalloscopic analysis. A.G. Kobliianskii. Trudy Kom. anal. khim. 7:89-95 '55.

MICROCINEMATOGRAPHY

The microscopic filming of living luminescent organisms. I.N. Birukov. Zhur. nauch. i prikl. fot. i kin. 1 no. 3: 209-222 My-Je '56.

MICROCLINE see subdivision under Azov region

MICROMETER

Gauge for checking the perpendicularity of the spindle face to the thimble-screw axis in micrometer calipers. M.T. Shishkin. Izm. tekh. no. 3:80-81 My-Je '56.

MICRO-ORGANISMS

Kostychev, S.P. [Selected works on the physiology and biochemistry of micro-organisms] Izbrannye trudy po fiziologii i biokhimii mikroorganizmov. Moskva, Izd-vo Akademii nauk SSSR,
Vol. 2. 1956. 510 p.

MICRO-ORGANISMS, PATHOGENIC

Seasonal variability in the virulent nature of pathogenic micro-organisms transferred by argasidae and ixodidae B.V. Lototskii, E.A. Muratov, IA.D. Staviskii. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:167-176 '54.

MICROPHONE

Experimental study of an open-air public address system with evenly distributed sound sources. B.D. Tartakovskii. Dokl. AN SSSR 108 no. 4:636-639 Je '56.




412071 O - 57 - 16

MICROSCOPE

Learn to work with a microscope. I. Kozyr'. IUn. nat. no. 5:40 Ag '56.

Microspectrophotometric apparatus for cyto- and histochemical analysis. L. E. Gorn. Biofizika 1 no. 4:396-398 '56.

MICROSCOPY

Application of the microscopic analysis to sedimentary metamorphized rocks. A. M. Ishchenko. Dop. AN URSR no. 4:12-15 '48.

The calculating ray. V. I. Rydnik. Nauka i zhizn' 23 no. 8:53 Ag '56.

Conference on microscopy. M. N. Meisel', G. M. Frank. Biofizika 1 no. 2:183-188 '56.

Method of drawing thin sections. B. V. Chesnokov. Min. sbor. no. 9:284-285 '55.

Possibilities of light optics applicable to the study of virus particles. M. D. Skobel'skii. Biofizika 1 no. 4: 379-382 '56.

X-ray shadow microscopy. G. O. Bagdyk'iants. Biofizika 1 no. 4:341-345 '56.

X-ray shadow microscopy in biology. B. M. Rovinskii, V. G. Liutsau, A. I. Avdeenko. Biofizika 1 no. 2:163-166 '56.

MICROSCOPY—TECHNIQUE

Concerning the method for studying rudimentary ears [with English summary in insert]. A. F. Evert. Fiziol. rast. 3 no. 3:287-289 My-Je '56.

MICROSEISMS

Characteristics of sources of storm microseisms. F. I. Monakhov. Izv. AN SSSR. Ser. geofiz. no. 6:634-643 Je '56.

MIDDLE AGES—HISTORY

Russia (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Assignments for students taking correspondence courses in secondary schools; history of the Middle Ages, classes 6 and 7] Zadaniia dlia uchashchikhsia zaochnoi srednei shkoly; istoriia srednikh vekov, VI-VII klassy. Izd. 7-oe. Sost. IU. A. Bar. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenita RSFSR, 1956. 53 p.

MIDDLE AGES—HISTORY—STUDY AND TEACHING

Class 7 study of the topic "Development of handicrafts and trade. The growth of cities." V. N. Semenova. Prep. ist. v shkole 11 no. 3:56-71 My-Je '56.

MIEŽELAITIS, EDUARDAS, 1919-

When one loves ("Fraternal poem" Translated from the Lithuanian. E. Mieželaitis. Review). Druzh. nar. no. 8:185-186 Ag '56.

MIGRATION, INTERNAL

(see also subdivision under Donets Basin; Norilsk; Siberia)

Study of migration relations of cities of the U. S. S. R. S. A. Kovalev, E. A. Liamin, A. I. Pekel'. Vop. geog. no. 38:196-210 '56.

Those in front. Pioner no. 8:18-19 Ag '56.

Who? Whither? Why? Sov. Soiuz no. 8:6-7 Ag '56.

MIGRATION OF BIRDS see Birds—Migration

MIGRATION OF IONS see Ions—Migration and velocity

MIKHALKOV, SERGEI VLADIMIROVICH, 1913-

In the world of books and magazines. Pioner no. 12:68-71 D '53.

MIKHAYLOVSKAYA TSELINA PRESERVE—BOTANY

The steppe preserve of Mikhaylovskaya TSelina. S. S. Kharkevych. Ukr. bot. zhur. 13 no. 2:58-67 '56.

MILAN—AUTOMATIC CONTROL—CONGRESSES

Symposium on automatic control in Milan. V. V. Solodovnikov. Vest. AN SSSR 26 no. 8:72-74 Ag '56.

MILDEW

Can dinitrorhodanbenzene be recommended for the control of mildew in grapes. V. A. Alymova. Vin. SSSR 16 no. 4:38-39 '56.

New fungicides for controlling mildew in grapes. G. D. Levitskii. Vin. SSSR 16 no. 4:39-40 '56.

Powdery mildew, a widespread fungus disease of oak in shelterbelts. O. P. Bederichek. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:86-89 '54.

When to spray for the control of mildew in grapes. P. M. Shterenberg. Vin. SSSR 16 no. 4:35-38 '56.

MILITARY AERONAUTICS see Aeronautics, Military

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ART AND SCIENCE—STUDY AND TEACHING

Teaching military science in military medical schools. E. A. Briadov. Voen.-med. zhur. no. 9:36-38 S '55.

MILITARY EDUCATION

(see also subdivision under Czechoslovakia; Georgia)

For a mass development of parachute jumping as a sport! Kryl. rod. 7 no. 7:1 Jl '56.

In every collective farm, a defense group. N. Dokuchaev. Voen. znan. 31[i. e. 32] no. 5:25 My '56.

Letters from readers. Voen. znan. 31[i. e. 32] no. 5:26 My '56.

Our patriotic duty. G. Burkatskaia. Voen. znan. 31[i. e. 32] no. 5:7 My '56.

We learn to overcome the hardships of field life. B. Korostin. Voen. znan. 31[i. e. 32] no. 5:24 My '56.

MILITARY HYGIENE

Attachment to showers for treating wounded on stretchers. L. D. Granovskii. Voen.-med. zhur. no. 5:84 My '56.

Important divisions of special training for field and naval surgeons in problems of sanitation and epidemic prevention. V. E. Korostelev. Voen.-med. zhur. no. 3:42-45 Mr '56.

Main problems in the organization of therapeutic and prophylactic services for the troops during camping periods. S. I. Talanov. Voen.-med. zhur. no. 5:39-42 My '56.

Organization of disinfection measures in units. M. K. Timofeev. Voen.-med. zhur. no. 4:61-63 Ap '56.

MILITARY LAUNDRIES see Laundries, Military

MILITARY MEDICINE see Medicine, Military

MILITARY MUSEUMS

The glory of these days will not fade away. V. Gorbatov. Voen. znan. 31[i. e. 32] no. 5:2-3 My '56.

MILK

Bacteriophagic phenomena in the dairy industry. M. L. Nepomniashcha, L. A. Liberman, L. IU. Medvyns'ka. Mikrobiol. zhur. 9 no. 2/3:34-47 '48.

MILK, ACIDOPHILUS

Accelerated method for the preparation of acidophilus milk. I. P. Bolgar. Zhivotnovodstvo no. 6:73-74 Je '56.

MILK TRADE see subdivision under Moscow

MILKING

(see also subdivision under Novo-Petrovskoye District)

Akutina, E. S. [My experience in milking cows] Moi opyt razdoia korov. Kazan', Tatknigoizdat, 1955, 15 p. (DA)

What's new in milking cows by machine. N. G. Chernenko. Mosk. kolkh. 6 no. 8:26 Ag '56.

MILKING MACHINES

Machine milking of cows in summer pastures. A. M. Loiko. Mekh. sil'. hosp. 7 no. 6:25-26 Je '56.

New achievements in machine-milking of cows. A. A. Beliaev, V. P. Larin. Zhivotnovodstvo no. 6:78-80 Je '56.

Universal unit for mechanical milking of cows. V. P. Larin. Mosk. kolkh. 5 no. 7:44-45 Jl '56.

MILKY WAY

Colliding galaxies. I. V. Sokolov. Nauka i zhizn' 23 no. 6:32 Je '56.

MILL AND FACTORY BUILDINGS—LIGHTING

Improved lighting of working areas in metallurgical plants. V. Peretts. Sots. trud no. 7:84-85 Jl '56.

MILL AND FACTORY BUILDINGS—MODELS see subdivision under Czechoslovakia

MILLET

Controlling weeds in foxtail millet fields. E. T. Varenitsa, V. S. Biriukova. Sel. i sem. 21 no. 3:44-49 '56.

Controlling weeds in millet fields. E. Materikina. Zemledelie 4 no. 7:109-110 Jl '56.

Formation of the inflorescence of foxtail millet in the light of the doctrine of phasic development of plants. T. A. Emikh. Uch. zap. Bash. gos. ped. inst. no. 4:173-179 '55.

Growing millet. A. S. Radov. Sel'khoz. Povol. no. 6: 40-42 Je '56.

Growth and development of millet grown as an irrigated postharvest crop. I. T. Efimov. Agrobiologiia no. 3: 110-112 My-Je '56.

Influence of substances discharged by germinating rice seeds on the relation between rice and the millet Echinochloa crus galli (L.) R. et Sch. [with English summary in insert]. V. I. Svinarev, E. V. Barannikova. Fiziol. rast. 3 no. 3:272-276 My-Je '56.

Measures for developing the cultivation of millet in the U. S. S. R. P. IA. Lezhnev-Fin'kovskii. Nauka i pered. op. v sel'khoz. no. 6:85-86 Je '56.

Separation of cellulose from grain husk and its properties. M. S. Dudkin, N. G. Shkantova. Zhur. prikl. khim. 29 no. 6:922-926 Je '56.

Some problems in the biology of the development of foxtail millet; preliminary report. T. Kh. Faizullina. Uch. zap. Bash. gos. ped. inst. no. 4:186-196 '55.

MILLET—STORAGE

Special problems in ventilating millet during storage. K. Drogalin. Muk.-elev. prom. 22 no. 8:7-10 Je '56.

MILLET—VARIETIES

New millet varieties. Z. V. Petrova. Sel. i sem. 21 no. 3:27-30 '56.

MILLING MACHINERY

Automatic control of coal mills. V. S. Lanin. TSement 22 no. 2:17-21 Mr-Ap '56.

Simplified milling and sawing machine. V. E. IUzvuk. Mekh. trud. rab. 10 no. 7:38-39 Jl '56.

Theory of milling building materials. P. P. Budnikov, M. I. Nekrich. Trudy MKHTI no. 21:2-25 '55.

MILLING MACHINES

Machine tool for milling of keyways. A. V. Goncharenko. Sakh. prom. 30 no. 5:52-53 My '56.

New design for assembly-type hob cutters. I. P. Levitskii. Avt. i trakt. prom. no. 6:42-43 Je '56.

Sectional cutter for machining profiled workpieces. E. M. Podvorchanskii, A. G. Storozhik, D. A. Storozhik. Stan. i instr. 27 no. 6:43-44 Je '56.

MINAEV, DMITRII DMITRIEVICH, 1835-1889

Poet and satirist ("Collected verse." D. D. Minaev. Reviewed by IA. El'sberg). Ogonek 25 no. 48:25 N '47.

MINE DRAINAGE

Scientific and technical conference on mine drainage and the manufacture of pumps. Ugol' 31 no. 7:43-44 Jl '56.

MINE DUSTS

New developments in the study of the physical and chemical principles in the dust detecting capacity of moistening. L. I. Baron. TSvet. met. 29 no. 6:74-76 Je '56.

MINE HAULAGE

Increasing the productivity of electric haulage at the "Gigant" mine. V. S. Vnuchenko, I. N. Kundin, G. F. Linnik. Gor. zhur. no. 7:26-28 Jl '56.

MINE HOISTING

Automatization of mine transportation and hoisting installations in foreign countries. V. K. IAsnyi. Gor. zhur. no. 7:28-34 Jl '56.

MINE MANAGEMENT

Increasing labor productivity is a most important task for the coal industry. A. K. Kharchenko. Ugol' 31 no. 7:31-35 Jl '56.

Shift reports. V. Korenev. Mast. ugl. 5 no. 7:29 Jl '56.

MINE PUMPS

Scientific and technical conference on mine drainage and the manufacture of pumps. Ugol' 31 no. 7:43-44 Jl '56.

MINE RAILROADS

(see also subdivision under Chelyabinsk Basin)

Automatization of mine transportation and hoisting installations in foreign countries. V. K. IAsnyi. Gor. zhur. no. 7:28-34 Jl '56.

Cable pusher. A. Sverkunov. Mast. ugl. 5 no. 7:21 Jl '56.

Ways to automatize electric railroads in mining. A. V. Rys'ev. Gor. zhur. no. 7:7-12 Jl '56.

MINE SURVEYING

Determination of distances between sectional crosscuts and the planning of the distribution of intermediate crosscuts in the section. K. I. Tatomir. Dop. AN URSR no. 5:75-82 '49.

Determining the number of excavation sections in one side of a shaft area or in a part of it. K. I. Tatomir. Dop. AN URSR no. 4:23-27 '49.

Methods for the determination of distances between sectional crosscuts and for planning the distribution of intermediate crosscuts in a section. K. I. Tatomir. Dop. AN URSR no. 4:15-22 '49.

Platkin, M. P. [Mine surveying during mine construction] Marksheiderskie raboty pri stroitel'stve shakht. Moskva, Ugletekhizdat, 1956. 175 p.

MINE TIMBERING

(see also subdivision under Kuznetsk Basin)

The M32 subsidence prop for seams from 1.8 to 2.5 meters. I. L. Shpil'berg, M. M. Miloserdin. Mekh. trud. rab. 10 no. 7:31-34 Jl '56.

Metal props for thin seams. K. Ivanov, V. Paramonov, I. Shpil'berg. Mast. ugl. 5 no. 7:23-24 Jl '56.

Response to P. M. TSimbarevich's article "Pressure on the timbering in working a thick coal seams by horizontal slicing and filling." V. E. Mentiakov. Ugol' 31 no. 7:40 Jl '56.

MINE VENTILATION

(see also subdivision under Moscow Basin)

Computing mine ventilati. n in heated untouched ore blocks. K. V. Kochnev. Trudy Gor.-geol. inst. no. 27: 134-139 '55.

Problem of fire damp leakage through caved ground in copper pyrite mines. K. V. Kochnev. Trudy Gor.-geol. inst. no. 27:122-133 '55.

Voronin, V. N., and L. D. Voronina. [Ventilation of ore mines after blasting] Provetrivanie metallicheskikh rudnikov posle vzryvnykh rabot. Moskva, Izd-vo Akademii nauk SSSR.

Pt. 2. [Instructions for the ventilation of stopes] Instruktsiia po provetrivaniiu ochistnykh vyrabotok. Pod nauchnym rukovodstvom i red. A. A. Skochinskogo. 1946. 104 p.

MINERAL INDUSTRIES see subdivision under Kirghizistan

MINERAL WATERS
(see also subdivision under Borzhomi; Carpathian Mountains; Caucasus; Chokrak; Dzhermuk; Estonia; Krainka; Moldavia; Shklo; Surami; Truskavets; Yeisk; Zheleznovodsk)
"Mineral waters in the U.S.S.R., bottled by Ministry of the Food Industry of the U.S.S.R." Reviewed by G.A. Nevraev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no.1:83-84 Ja-Mr '56.

MINERAL WATERS, SULFUROUS see subdivision under Khosta; Sochi

MINERAL WAX see Ceresin; Ozocerite

MINERAL WOOL
Use of mineral wool mats in bundles made of synthetic resins for sound insulating walls. V.N. Nikol'skii. Biul. stroi. tekh. 13 no.7:20 Jl '56.

MINERALOGICAL CHEMISTRY
Characteristics of the isomorphous entry of beryllium into the crystalline structure of minerals. A.A. Beus. Geokhimiia no.1:67-80 '56.
Experimental characteristics of components in the system $H_2O - CO_2$. N.I. Khitarov, S.D. Malinin. Geokhimiia no.3:18-27 '56.
Geochemical importance of the quantitative Ag/Au ratio. V.V. Shcherbina. Geokhimiia no.3:65-73 '56.
Notes on structural mineralogy. N.V. Belov. Min. sbor. no.9:3-14 '55.
Replacement of minerals. T.V. Ivanitskii. Min. sbor. no.9:286-289 '55.

MINERALOGICAL SOCIETIES
Report on the activity of the All-Union Mineralogical Society during 1955. S.P. Solov'ev. Zap. Vses. min. ob-va 85 no.2:269-274 '56.

MINERALOGY
(see also subdivision under Transcarpathia; Ural Mountain region)
Conference on the mineralogy of sedimentary deposits. Min. sbor. no.9:407-409 '55.
The course "Methods in field and laboratory research on the material composition of minerals," M.P. Isaenko, S.A. Ushko. Vest. vys. shkoly 14 no.7:41-42 Jl '56.
Introductory address at the annual meeting of the All-Union Mineralogical Society, February 16, 1956. V.A. Nikolaev. Zap. Vses. min. ob-va 85 no.2:131-134 '56.
Liquid inclusions in minerals as a geological barometer. V.A. Kolluzhnyi. Min. sbor. no.9:64-64 '55.
Mineralogical characteristics of altered rocks in the Beregovo region of Transcarpathia. G.I. Smirnov. Min. sbor. no.9:226-245 '55.
Minerals from mammoth tusks. G.N. Vertushkov. Min. sbor. no.9:309-312 '55.
"Principles of mineralogy" [in Italian]. P. Gallitelli. Reviewed by A.S. Povarennykh. Min. sbor. no.9:378-384 '55.
Resolutions of the first conference on the mineralogy of sedimentary deposits. Min. sbor. no.9:409-411 '55.
Role of pressure in the formation of minerals. V.S. Sobolev. Min. sbor. no.9:50-63 '55.
Sepiolites, palygorskites, and attapulgites. D.P. Serdiuchenko. Min. sbor. no.9:158-171 '55.

MINERALOGY—COLLECTING OF SPECIMENS
In the kingdom of minerals. A. Sinel'nikov. Smena 33 no.14:24 Jl '56.

MINERALOGY, DETERMINATIVE
Formula for calculating the specific gravity of simple substances. A.S. Povarennykh. Min. sbor. no.9:280-283 '55.
Methods of obtaining quantitative characteristics of aggregates. P.N. Chirvinskii. Min. sbor. no.9:266-279 '55.
X-ray characteristics of certain organic minerals. IA.L. Giller. Min. sbor. no.9:296-300 '55.

MINERALS IN FOOD
Mineral feed briquettes for Karakul sheep. M.A. Rish. Kar. i zver. 9 no.4:64 Jl-Ag '56.
Using local mineral feeds in stock raising. V.V. Alipov. Sel'khoz. Povol. no.7:55-58 Jl '56.

MINERALS IN PLANTS
Characteristics of nitrogen and phosphate nutrition and the activity of plant root systems. O.F. Tueva, S.A. Samoilova. Trudy inst. fiziol. rast. 6 no.1:119-136 '48.
Distribution of calcium in plants. M.G. Abutalybov. Fiziol. rast. 3 no.4:306-312 Jl-Ag '56.
Formation of secondary minerals in soils and plants in connection with the migration of elements [with German summary in insert]. E.I. Parfenova, E.A. IArilova. Pochvovedenie no.4:38-42 Ap '56.
In the K.A. Timiriazev Institute of Plant Physiology (report of the French scientist, P. Prevot). V.N. Zholkevich. Vest. AN SSSR 26 no.7:79-80 Jl '56.

MINERALS IN SOIL
Formation of secondary minerals in soils and plants in connection with the migration of elements [with German summary in insert]. E.I. Parfenova, E.A. IArilova. Pochvovedenie no.4:38-42 Ap '56.

MINERALS IN SOIL—BIBLIOGRAPHY see Bibliography—Minerals in soil

MINERS
Meeting of young miners. Zmina no.5:2 My '56.

MINES AND MINERAL RESOURCES
(see also subdivision under Brazil; Kazakhstan; Tajikistan; Yakutia)
Towards the solution of great tasks. Zap. Vses. min. ob-va 85 no.2:129-130 '56.
Work of Soviet geologists. Geog. v shkole 19 no.3:60-61 My-Je '56.

MINGECHAUR—ANTIQUITIES
Four pitchers from a burial site in Mingechaur. T.I. Golubkina. Izv. AN Azerb. SSR no.3:73-90 Mr '56.

MINGECHAUR—DESCRIPTION
Blue constellation of the Kura. I. Meskhi. Ogonek 34 no.31:21 Jl '56.

MINIATURES (ILLUMINATION OF BOOKS AND MANUSCRIPTS) see Illumination of books and manuscripts

MINING ENGINEERING
(see also subdivision under Dzhezkazgan; Hungary Krivoy Rog)
Determining the safe dimensions of untouched ore blocks in connection with sublevel systems. A.A. Ilivitskii. Trudy Gor.-geol. inst. no.27:112-121 '55.
Formation of mine galleries by compacting the earth by blasts. G.K. Akutin. Gor. zhur. no.7:57-61 Jl '56.
High-speed mining of an upraise. N.G. Dybynin, V.A. Kovalenko. Gor. zhur. no.7:62 Jl '56.
Improved construction of flexible decks. N.P. Vlokh, L.S. Mekler. Gor. zhur. no.7:61-62 Jl '56.
Ruppeneit, K.V. [Mechanical characteristics of rock] Mekhanicheskie svoistva gornykh porod. Moskva, Ugletekhizdat, 1956. 321 p.
Stress distribution in mines of complex form. N.P. Ilryshkova, L.A. Tiutiunnyk. Dop. AN URSR no.4:39-44 '40.
Terpigorova, V.D., and S.D. Matveev. [Mining engineering; a textbook for translating mining engineering literature from English to Russian] Mining mechanical engineering. Gornaia mekhanika; uchebnoe posobie po perevodu s angliiskogo na russkii iazyk gornotekhnicheskoi literatury. Moskva, Ugletekhizdat. Vol.3. 1956. 326 p.
Use of main ore chutes. L.E. Zubrilov. Trudy Gor.-geol. inst. no.27:88-95 '55.

MINING ENGINEERING—STUDY AND TEACHING
(see also subdivision under Chernogorsk)
Inculcating a love of work in students. A.I. Kuprin. Sred. spets. obr. no.8:20-22 Ag '56.
On-the-job training courses for technicians. Mast. ugl. 5 no.7:28 Jl '56.

MINING MACHINERY
Automatic and remote control of mining installations. A.I. Gorskii and others. Gor. zhur. no.7:12-19 Jl '56.
Automatization tasks in the mining industry. E.A. Krasnianskii. Gor. zhur. no.7:3-6 Jl '56.
Borodino, L.S. [Mining machinery; a te[illegible] mashiny; prakticheskie raboty. Mosk 1956. 114 p.
Dynamic theory for the calculation cables. H.M. Savin. Dop. AN UI
[Express information of the All-Un Scientific and Technical Informati Industry.] Ekspress-informatsiia nos. 30-31, 33-34 Jl-Ag '56.
Rock-loading machines used abroa ing. D.M. Khokhlovkin. Gor. zhu

MINK FARMING
Speeding up the aging of fur in you lighting conditions. N.P. Khrono no.4:30-34 Jl-Ag '56.

MINKS
Lowering the cost of mink raising State Fur Farm. G.L. Bakh. K 31-34 My-Je '56.

MINKS—DISEASES AND PESTS
Eliminate trichinosis in minks on Dubnitskii. Kar. i zver. 9 no.

MINKS—FEEDING AND FEEDING
Curling of overhair tips in minks. Kar. i zver. 9 no.4:29-30 Jl-
Curling of overhair tips in minks M.I. Tilova, V.I. Pobedin. Kar. Jl-Ag '56.

MINOAN WRITING see subdivision under Crete

MINORITIES see subdivision under China

MINORS (LAW) see Children—Law

MINSK—ANTIQUITIES
From the remote ages; an essay. S. Palees, I. Elentukh. Biarozka 32 no.7:18-19 Jl '56.

MINSK—CLOCKMAKING AND WATCHMAKING
Clever fingers. S. Asipenka. Rab. i sial. 32 no.8:10-11 Ag '56.

MINSK—DRESSMAKING
Clothes are made here. M. Bury. Belarus' 13 no.6:16 Je '56.

MINSK—FERTILIZER INDUSTRY
Factory of bacteriological fertilizers. E. Bantas. Belarus' 13 no.6:14 Je '56.

MINSK—HOSPITALS
Love of human beings. Raisa Poltava. Rab. i sial. 32 no.9:9 S '56.

MINSK—MACHINE-TOOL INDUSTRY
Pride of the factory. Rab. i sial. 32 no.6:4 Je '56.
Workers' friendship. S. Madzialevich. Belarus' 13 no.8:16-17 Ag '56.

MINSK—OPERA
Marinka, Larisa Aleksandrovskaia. Sov. Soiuz no.4:21 Ap '56.

MINSK—PIONEERS (COMMUNIST YOUTH)
The Pioneer palace in Minsk. I. Karmalitava. Belarus' 13 no.7:20 Jl '56.

MINSK—POTTERY
White Russian porcelain. IA. Sadouski. Belarus' 13 no.8:13 Ag '56.

MINSK—REINFORCED CONCRETE
Factory of reinforced concrete wares. I. Turetski. Belarus' 13 no.8:22 Ag '56.

MINSK—RETAIL TRADE
Some potential means of reducing expenditures in trade. I. Krymov. Komm. Bel. 28 no.6:63-67 Je '56.

MINSK—SPORTS
Spartakiada. R. Smolin. Belarus' 13 no.8:32 Ag '56.

MINSK—TRACTOR INDUSTRY
Creators of the sixth five-year plan. I. Vasil'ev. Belarus' 13 no.6:21 Je '56.
Popularization of decisions of the 20th Congress of the Communist Party of the Soviet Union and the progress in workers' industrial activity. L. Achapovskii, G. Verkhovskii. Komm. Bel. 28 no.6:37-42 Je '56.
Restless people. Petro Vasil'evskii. Druzh. nar. no.6:131-136 Je '56.

MINSK—WEATHER FORECASTING
What will tomorrow's weather be? B. Antonau. Belarus' 13 no.6:17 Je '56.

MINSK PROVINCE—BRICK INDUSTRY
"Druzhba" brick factory to be used by several collective farms. N. Voitik. Sel'. stroi. 11 no.6:6-10 Je '56.

MIRGALIMSAI—ORE DRESSING
Using a flow diagram in crushing and flotation. E.I. Ioffe. TSvet. met. 29 no.6:11-17 Je '56.

MIRONOV, ALEKSANDR EVGEN'EVICH
A hero and his strong will ("Over seas and oceans," Aleksandr Mironov. Reviewed by Ivan Kudrautsau). Belarus' 13 no.7:30 Jl '56.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956

Great poet of the White Russian people. Pimen Panchenko. Ogonek 34 no. 34:6 Ag '56.

IAkub Kolas, the great son of the White Russian people. L. Figlovskaia. Komm. Bel. 29 no. 9:9-17 S '56.

In memory of IAkub Kolas. Kastus' Kireenka. Rab. i sial. 32 no. 9:8 S '56.

MIXING MACHINERY

Continuous-operation mobile mortar mixer. A. I. Posysaev. Biul. stroi. tekh. 13 no. 6:15-18 Je '56.

MODELING

I want to be a sculptor. Igor' Efimov. Pioner no. 12: 65-67 D '53.

MODELING, GEOLOGICAL see Geological modeling

MODULAR FUNCTIONS see Functions, Modular

MODULATION (ELECTRONICS)

Autoanode modulator for the PK-2 transmitter. Vest. sviazi 16 no. 4:30 Ap '56.

Single-band modulation with the aid of phase systems. B. B. Shtein. Radiotekhnika 11 no. 6:13-26 Je '56.

MOGILEV—REVOLUTION, 1917-1921

October days in Mogilev. S. Pachanin. Belarus' 13 no. 6:3-4 Je '56.

MOGILEV PROVINCE—HUNTING

In forests of Mogilev Province. I. Beliaev. Okh. i okh. khoz. no. 7:14 Jl '56.

MOHAMMEDANS

Imaginary danger. Nov. vrem. 14 no. 30:16-17 Jl '56.

MOISTURE

A dynamic method of determining the rate of moisture evaporation and the hygroscopic capacity of garment fabrics. D. A. Zil'ber. Gig. i san. 21 no. 7:18-22 Jl '56.

Using VP-4 moisture testers for determining the moisture in corn. V. Kiseleva. Muk.-elev. prom. 22 no. 5: 26-27 My '56.

MOISTURE—MEASUREMENT

Thermal method for determining the moisture of fine-grained capillary and porous substances. V. N. Ershov, N. M. Ershova. Zhur. tekh. fiz. 26 no. 6:1306-1308 Je '56.

MOISTURE OF SOILS see Soil moisture

MOLASSES—ANALYSIS see subdivision under Kirghizistan

MOLDAVIA—AGRICULTURAL RESEARCH

Reorganizing scientific research institutes of Moldavia. I. S. Polovenko. Nauka i pered. op. v sel'khoz. no. 6: 36-37 Je '56.

MOLDAVIA—AGRICULTURE

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Moldavia" pavilion; a guidebook] Pavil'on "Moldavskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

MOLDAVIA—CHESS

Committee and groups. M. Zaslavskii. Shakh. v SSSR 33 no. 7:211-212 Jl '56.

MOLDAVIA—FRUIT CULTURE

Moldavian orchards. Druzh. nar. no. 6: 139-140 Je '56.

Moldavian orchards. V. Bezgubova. Mol. kolkh. 23 no. 7:19 Jl '56.

MOLDAVIA—HISTORY

Academic work of Moldavian historians. N. A. Mokhov. Vop. ist. no. 5:204-207 My '56.

MOLDAVIA—MINERAL WATERS

"Mineral waters of the Moldavian S. S. R." Kh. A. Nikohosian. Reviewed by IE. S. Burkser, N. Frolov. Geol. zhur. 16 no. 2:80-81 '56.

MOLDAVIA—NURSERIES (HORTICULTURE)

Winners in competition. V. A. Kroitoru. Sad, vin. Mold. 11 no. 3:3-5 My-Je '56.

MOLDAVIA—SUGAR INDUSTRY

Experience gained from the construction of the Gindesh sugar factory. M. I. Kovalskii. Sakh. prom. 30 no. 5:38-40 My '56.

MOLDAVIA—SWINE

From quarterly planning to monthly quotas. I. D. Topchu, N. T. Sokov. Svinovodstvo no. 4:26-28 Je '56.

MOLDAVIA—UNIONIDAE, FOSSIL

Deposits containing Unio sturi M. Hornes and its importance for the stratigraphy of the Pliocene of the Ukrainian and Moldavian S. S. R. A. G. Eberzin. Dokl. AN SSSR 108 no. 4:723-725 Je '56.

MOLDAVIA—VITICULTURE

High-quality transplants will be raised for new vineyards. IA. S. Chemberdzhi. Sad, vin. Mold. 11 no. 3:5-6 My-Je '56.

MOLDAVIA—WINE AND WINE MAKING

Production of semisweet wines in Moldavia. G. I. Kalugina. Sad. vin. Mold. 11 no. 3:46-49 My-Je '56.

MOLDING (CLAY, PLASTER, ETC.) see Modeling

MOLDS (BOTANY)

Toxic effect of potassium nitrite on molds. E. V. Talalaev. Trudy Inst. fiziol. rast. 6 no. 1:237-244 '48.

MOLECULAR ASYMMETRY see Stereochemistry

MOLECULAR WEIGHTS

Viscosimetric determination of the molecular weight of desoxyribonucleic acid. D. M. Spitkovskii. Biofizika 1 no. 4:319-327 '56.

MOLECULES

Direct measurements of molecular attraction between solids in vacuo. B. V. Deriagin, I. I. Abrikosova. Dokl. AN SSSR 108 no. 2:214-217 My '56.

Molecular generator operating without the use of molecular beams. N. G. Basov, B. D. Osipov, A. M. Prokhorov. Usp. fiz. nauk 59 no. 2:375 Je '56.

Stepanov, B. I. [Luminescence of complex molecules] Luminestsentsiia slozhnykh molekul. Minsk, Izd-vo Akademii nauk BSSR.
Pt. 1. 1956, 325 p.

Urazovskii, S. S. [Molecular polymorphism] Molekuliarnyi polimorfizm. Kiev, Izd-vo Akademii nauk USSR, 1956, 333 p.

Viscosity, density, and binding energy of molecules in certain binary systems. A. P. Toropov. Zhur. ob. khim. 26 no. 5:1285-1288 My '56.

MOLLUSKS, FOSSIL see subdivision under Siberia, Eastern

MOLOCHNAYA VALLEY—LOESS

Some characteristics of loess in the Molochnaya Valley. I. L. Sokolovs'kyi. Geol. zhur. 16 no. 2:89-74 '56.

MOLOCHNAYA VALLEY—TOMBS

Excavations of Kurgans in the Molochnaya Valley in 1952. A. I. Terenozhkin. Krat. soob. IIMK no. 63:70-75 '56.

MOLODECHNO—CHORAL SOCIETIES

Ensemble from Molodechno. I. Nisnevich. Sov. muz. 20 no. 7:123-124 Jl '56.

MOLOTOV—COMMUNIST YOUTH LEAGUE

Communist Youth League members are bearers of new ideas. A. Kuznetsov. Mol. komm. 14 no. 7:68-72 Jl '56.

MOLOTOV—OPERA

The theater and the composer. I. Keller. Sov. muz. 20 no. 7:33-36 Jl '56.

MOLOTOV PROVINCE—FRUIT CULTURE

Fruit culture at the 59th parallel. N. V. Ovchinnikov. Priroda 45 no. 8:128 Ag '56.

MOLYBDENUM

How molybdenum effects the increase of clover yields on Podzolic soils. V. V. IAkovleva, V. F. Skvortsov. Ud. i ur. 1 no. 5:29-36 My '56.

Molybdenum pyrocatechin complexes. A. K. Babko, T. N. Rychkova. Ukr. khim. zhur. 17 no. 2:198-208 '51.

MOLYBDENUM ORGANIC COMPOUNDS

Molybdenum fertilizers. V. F. Skvortsov. Nauka i zhizn' 23 no. 7:51-52 Jl '56.

MONASTERIES see subdivision under Moscow; Petseri; Volokolamsk

MONCHEGORSK—RUSSIAN NEWSPAPERS

Far from Moscow. E. Mikulina. Sov. pech. no. 7:25-27 Jl '56.

MONEY

Conference on money circulation. Den. i kred. 14 no. 8:11-16 Ag '56.

The economic law of money circulation. Z. Atlas. Vop. ekon. no. 7:99-114 Jl '56.

Immediate tasks of State Bank employees relating to money circulation. A. Kudriavtsev. Den. i kred. 14 no. 8:3-10 Ag '56.

State Bank tasks in organizing currency circulation among enterprises. I. IAgodin. Den. i kred. 14 no. 7: 53-60 Jl '56.

MONGOLIA—BANKS AND BANKING

Banking system of the Mongolian People's Republic. G. Bal'zhid. Den. i kred. 14 no. 8:25-32 Ag '56.

MONGOLIA—ECONOMIC CONDITIONS

Achievements in the economic development of the Mongolian People's Republic. E. Bavrin, G. Prokhorov. Vop. ekon. no. 7:89-78 Jl '56.

The Mongolian People's Republic on the road to socialism [with English summary in insert]. D. Tumur-Ochir. Sov. vostokoved. no. 2:15-28 '56.

MONGOLIA—HISTORIOGRAPHY

The science of history in the Mongolian People's Republic [with English summary in insert]. Sh. Natsagdorzh, N. Ishzhamts. Sov. vostokoved. no. 2:128-132 '56.

MONGOLIA—HISTORY

"Ikh nadom" - great holiday in Ulan Bator. P. Kravchenko. Ogonek 34 no. 26:4-5 Jl '56.

Indestructible friendship of the Soviet and Mongolian peoples. D. Ulymzhiov. Svet nad Baik. no. 3:130-137 My-Je '56.

MONGOLIA—PRESS

The press in the Mongolian People's Republic. G. Chimid. Sov. pech. no. 7:42-43 Jl '56.

MONGOLIA—RAILROADS

Across the Gobi Desert. Sov. Soiuz no. 6:6-7 Je '56.

MONGOLIA—SPORTS

In Mongolia. Zhigmiddorzh. Fizk. i sport 26 no. 7: 8 '56.

MONKEYS
(see also subdivision under Sukhumi)

Do monkeys "think?" G. Z. Roginskii. Nauka i zhizn' 23 no. 7:41-44 Jl '56.

MONSOONS see subdivision under Soviet Far East

MONTAND, YVES, 1921-

I am filled with sunshine. Yves Montand. Mol. mira no. 5:10-19, 24 '56.

MONTVILA, VYTAUTAS, 1902-1941

Vytautas Montvila; on the 15th anniversary of his death. Lev Ozerov. Druzh. nar. no. 7:129-137 Jl '56.

MONUMENTS, SEPULCHRAL see subdivision 'Sepulchral monuments' under Azerbaijan

MONZONITES see subdivision under Luchob Valley

MOON—SURFACE

Electropolarimetry of the lunar surface. V. P. Dzhapiashvili. Astron. tsir. no. 167:16-19 F '56.

Modeling lunar craters under vacuum conditions. P. F. Sabanceev. Biul. VAGO no. 17:26-28 '56.

Origin of structural differences in the rays from lunar craters. P. F. Sabanceev. Biul. VAGO no. 17:22-25 '56.

Rays of lunar craters and elliptic formations. I. V. Ivanova. Biul. VAGO no. 17:29-33 '56.

Relation of polarization and albedo for lunar surface features. N. N. Ytinskaia. Astron. tsirk. no. 168:18 '56.

MORAINES
(see also subdivision under Kama Valley)

Well regulated distribution of boulders in strain of basic moraines. S. V. IAkovleva. Mat. VSEGEI no. 9:40-46 '55.

MORAL EDUCATION
(see also subdivision under Latvia)

Educational ideas in folklore. IU. Stupak. Doshk. vykh. 17 no. 6:41-44 Je '56.

Republic "Pedagogical lectures" on problems of the moral education of Communist Youth League members and Pioneers. I. A. Vynnychenko. Rad. shk. 35 no. 7: 57-60 Jl '56.

The Rezvanov case. G. Kalugin, V. Vinogradov. Mol. komm. 14 no. 7:81-82 Jl '56.

Savich, A. L. [General methods and means of moral education] Obshchie metody i sredstva nravstvennogo vospitaniia. [Moskva] Izd-vo Moskovskogo univ., 1956. 26 p.

MORALS AND LITERATURE see Literature and morals

MORDOVO DISTRICT—ATHLETICS

Preparing for the Spartakiada of the Peoples of the U. S. S. R. A. Morozov. Kul't.-pros. rab. 17 no. 7:31-32 Jl '56.

MORDVINIAN A.S.S.R.—BUILDING TRADES—STUDY AND TEACHING

Let's train 1400 collective farm builders. I. Andrianov. Sel'. stroi. 11 no. 7:13 Jl '56.

MORGAN, GEORGE

George Morgan, the builder of a subway. A. Sorbin. Ogonek 34 no. 30:3 Jl '56.

MOROCCO

Morocco. Nov. vrem. 14 no. 29:29-30 Jl '56.

MOROZOV, NIKOLAI ALEKSANDROVICH, 1854-1946

Nikolai Aleksandrovich Morozov. S. I. Vol'fkovich. Khim. v shkole 11 no. 4:19-25 Jl '56.

MORPHOLOGY (ANIMALS)

Problem of the individual development of farm animals; conference in Kiev. S. V. Emel'ianov. Vest. AN SSSR 26 no. 8:115-119 Ag '56.

MORTAR

Compound BS--plasticizer for building mortars and setting inhibitor for gypsum. G. G. Bulychev, M. P. Siniavin. Rats. i izobr. predl. v stroi. no. 137:16-17 '56.

Concentrates of sulfite-alcohol slops as a plasticizer for cement mortars and concretes. Rats. i izobr. predl. v stroi. no. 137:4-6 '56.

MORTAR (Continued)

Naphtha soap as a plasticizer for mortars. N. A. Popov, M. I. Khigerovich. Rats. i izobr. predl. v stroi. no. 137: 13-15 '56.

Pitch soap as a plasticizer for mortars and concrete. E. I. Artel', V. I. Soroker. Rats. i izobr. predl. v stroi. no. 137:9-10 '56.

Soapstock waste as a mortar plasticizer. P. E. Dreling. Rats. i izobr. predl. v stroi. no. 137:7-8 '56.

Tar soap as a plasticizer for mortars. E. E. Fraifel'd. Rats. i izobr. predl. v stroi. no. 137:11-12 '56.

MOSAICS see subdivision under Russia

MOSCOW—ACTORS

Debuts on the capital stage. Teatr 17 no. 6:181 Je '56.

MOSCOW—AGRICULTURAL COLLEGES

Book on the largest center of agricultural studies ("Timiriazev Academy." Al. Kantorovich. Reviewed by N. A. Bluket). Vest. vys. shkoly 14 no. 7:61-62 Jl '56.

"Through the Timiriazev Academy." Al. Kantorovich. Reviewed by M. Dunin. Mol. kolkh. 23 no. 7:28 Jl '56.

MOSCOW—AGRICULTURAL EXHIBITIONS

Achievements of veterinary science and practice at the All-Union Agricultural Exhibition. N. V. Zaitsev. Veterinariia 33 no. 7:24-35 Jl '56.

Airmen of the Kuban are participants in the All-Union Agricultural Exhibition of 1956. M. Titlenov. Grazhd. av. 13 no. 6:29 Je '56.

All-Union Agricultural Exhibition of 1956. Sad i og. no. 6:3-5 Je '56.

All-Union Agricultural Exhibition of 1956. Zemledelie 4 no. 7:3-6 Jl '56.

At the All-Union Agricultural Exhibition. M. Napol'skii. Sots. sel'khoz. 27 no. 5:28-33 '56.

At the industrial and agricultural exhibitions. Ogonek 34 no. 24:4 Je '56.

Aviation at the All-Union Agricultural Exhibition. G. Poldushkin. Grazhd. av. 13 no. 7:26-27 Jl '56.

Basic achievements of leading cotton-growing collective farms of the Uzbek S. S. R participating in the All-Union Agricultural Exhibition. I. Polozov. Khlopkovodstvo 6 no. 7:11-12 Jl '56.

Demonstration of I. V. Michurin's methods at the All-Union Agricultural Exhibition. E. A. Okorokova. Sad i og. no. 6:35-37 Je '56.

Experimental plant-breeding institutes participating in the All-Union Agricultural Exhibition. T. Kordo. Sel. i sem. 21 no. 3:50-51 '56.

The flag is hoisted. Mol. kolkh. 23 no. 7:5 Jl '56.

For persistent application of practices of the participants in the All-Union Agricultural Exhibition. Sots. tvar. 29 no. 8:3-6 Ag '56.

Lecture rooms of a people's university. M. V. TSitsyn. Rad. zhin. 11 no. 7:4 Jl '56.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Bashkiria" pavilion; a guidebook] Pavil'on "Bashkirskaia ASSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Central Chernozem provinces" pavilion; a guidebook] Pavil'on chernozemnye oblasti"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Central provinces" pavilion; a guidebook] Pavil'on "TSentral'nye oblasti"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 28 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka 1954- ["Georgia" pavilion; a guidebook] Pavil'on "Gruzinskaia SSR"; Putevoditel. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka 1954- ["Latvia" pavilion; a guidebook] Pavil'on "Latviiskaia SSR,"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 28 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Leningrad and the northwestern provinces" pavilion; a guidebook] Pavil'on "Leningrad i Severo-Zapadnye oblasti"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 20 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Moldavia" pavilion; a guidebook] Pavil'on "Moldavskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Northeastern Provinces" Pavilion (Gorkiy, Arzamas, Kirov provinces, Chuvash and Mari A. S. S. R.); a guidebook] Pavil'on "Severo-Vostochnye oblasti"(Gor'kovskaia, Arzamasskaia, Kirovskaia oblasti, Chuvashskaia i Mariiskaia ASSR); putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 29 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Northern Caucasus" pavilion; a guidebook] Pavil'on "Severnyi Kavkaz"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 31 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Schools and establishments for children"; pavilion; a guidebook] Pavil'ony "Shkol'nye i detskie uchrezhdeniia"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "White Russia" pavilion; a guidebook] Pavil'on "Belorusskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 25 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Young naturalists" pavilion; a guidebook] Pavil'on "IUnye naturalisty"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 58 p.

New and improved tractors and agricultural machines at the All-Union Agricultural Exhibition. V. V. Michurina. Sovkhoz. proizv. no. 6:66-71 Je '56.

Opening of the All-Union Agricultural and Industrial Exhibitions. Sel'. stroi. 11 no. 6:2 of cover Je '56.

People's academy. K. F. Podorozhnyi, A. IA. Dan'shina. Nauka i pered. op. v sel'khoz. no. 6:68-69 Je '56.

Propaganda lectures at the All-Union Agricultural Exhibition. A. G. Kuchepatov. Nauka i pered. op. v sel'khoz. no. 6:74 Je '56.

Seeding and planting exhibits at the All-Union Agricultural Exhibition. A. Nevzorov. Zemledelie 4 no. 7:7-13 Jl '56.

Study the work experience of our Kiev friends. Mosk. kolkh. 5 no. 6:4 Je '56.

Tour of an exhibition. IUn. nat. no. 4:14-17 Jl '56.

Ukraine at the All-Union Agricultural Exhibition. O. A. Lappo. Mekh. sil'. hosp. 7 no. 6:6-7 Ag '56.

What the Moscow area stands tell us. T. Nekrasov. Mosk. kolkh. 5 no. 6:3-4 Je '56.

What's new at the Exhibition. M. G. Sushchevskii, V. I. Gur'ev. Nauka i pered. op. v sel'khoz. no. 6:72-73 Je '56.

MOSCOW—AGRICULTURAL MUSEUMS

In the Agricultural Museum of the Moscow State University. Nauka i pered. op. v sel'khoz. no. 6:81 Je '56.

MOSCOW—AMATEUR ART ACTIVITIES

Amateur performances of the members of cooperative societies. D. Zubkova. Klub 5 no. 5:11 My '56.

Musical evening of friendship. A. Beliaeva. Klub 6 no. 8:4 Ag '56.

MOSCOW—AMATEUR THEATRICALS

Amateurs in the theater. Teatr 17 no. 6:183 Je '56.

They know Minkovskii. V. Bezuglyi, M. Levashov. Klub 5 no. 5:10 My '56.

MOSCOW—ANIMALS, TRAINING OF

Dvinskii, E. IA. [The V. L. Durov home for animals] Ugolok imeni V. L. Durova. [Moskva] Moskovskii rabochii, 1956. 120 p.

MOSCOW—ANTIQUITIES

The Krutitsk tower in Moscow. N. Soshina. Arkhit. nas. no. 6:130-137 '56.

MOSCOW—APARTMENT HOUSES

At a doorway. Sov. Soiuz no. 6:24-27 Je '56.

Residential block no. 9 in Novye Cheremushki. Arkhit. i stroi. Mosk. 5 no. 6:3-13 Je '56.

Residential block no. 12 in Novyye Cheremushki. Arkhit. i stroi. Mosk. 5 no. 8:3-7 Ag '56.

MOSCOW—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Raise the quality indices of major apartment house repairing. Gor. khoz. Mosk. 30 no. 6:1-4 Je '56.

MOSCOW—ARCHITECTURE—CONSERVATION AND RESTORATION

Restoration and reconstruction of the building of the Skliifosovskii Institute. Arkhit. i stroi. Mosk. 5 no. 7: 23-25 Jl '56.

MOSCOW—ART—EXHIBITIONS

Great success. Ogonek 25 no. 48:11 N '47.

Treasure house of Russian art. P. Lebedev. Sov. Soiuz no. 6:16-19 Je '56.

MOSCOW—ART—GALLERIES AND MUSEUMS

Curator of realistic traditions. L. Mograbian. Nar. obr. no. 6:11-14 Je '56.

Hundredth anniversary of the Tret'iakov Gallery. P. Lebedev. Krest'ianka 35 no. 7:25 Jl '56.

Ioganson, B. V. [The State Tretiakov gallery is a treasury of Russian art; on the centenary of the founding of the P. M. Tretiakov picture gallery] Tret'iakovskaia galereia - sokrovishchnitsa russkogo iskusstva; k 100-letiiu osnovaniia P. M. Tret'iakovym galerei kartin. Izd. 2-oe, ispr. i dop. Moskva, Izd-vo "Znanie," 1956. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, nos. 19/20)

Moscow. Gosudarstvennaia Tret'iakovskaia galereia. [Drawings and water colors: V. D. Polenov, I. I. Levitan, V. A. Serov and M. A. Vrubel'] Risunok i akvarel'; V. K. Polenov, I. I. Levitan, V. A. Serov, M. A. Vrubel', Moskva, Gos. izd-vo "Iskusstvo," 1956. 215 p., illus. (Katalogi sobranii Gosudarstvennoi Tret'iakovskoi galerei)

Treasure house of Russian art. N. IAsnopol'skaia. Lit. v shkole 17 no. 4;77-80 Jl-Ag '56.

MOSCOW—ART, FRENCH—EXHIBITIONS

Lofty traditions; notes on the exhibition of French art. K. Sitnik. Iskusstvo 19 no. 3:39-54 '56.

MOSCOW—ART, INDIC—EXHIBITIONS

Art of India. V. Ivanov. Ogonek 34 no. 32:24 Ag '56.

MOSCOW—ATHLETICS—COMPETITIONS

On the eve of the Spartakiada. Boris Larin, Viktor Frolov. Druzh. nar. no. 7:16-123 Jl '56.

MOSCOW—AUTOMOBILE INDUSTRY

From factory life. Nikolai Vigilianskii. Nash. sovr. 2:188-189 '56.

This did not exist before. Lev Slavin. Ogonek 25 no. 48:16-16d N '47.

MOSCOW—AUTOMOBILE INDUSTRY—ACCOUNTING

Accounting for output and wages at the Moscow Automobile Plant. M. Gerasimov. Bukhg. uchet 15 no. 7:5-8 Jl '56.

MOSCOW—BAKING—EQUIPMENT AND SUPPLIES

Improvement of feeder construction for baking waffle containers. F. Bubentsov. Khol. tekh. 33 no. 2:65 Ap-Je '56.

MOSCOW—BALLET

"Lavrensiia." N. Shumskaia. Sov. muz. 20 no. 7: 81-84 Jl '56.

Young ballerinas of the Stanislavskii and Nemirovich-Danchenko Theater. Ralph Parker. V zashch. mira no. 61:91-95 Je '56.

MOSCOW—BALLET DANCING—STUDY AND TEACHING

School of high artistry. A. Lazorenko. Rad. zhin. 11 no. 7:20 Jl '56.

MOSCOW—BIBLIOGRAPHICAL EXHIBITIONS

People and books. Lev Nikulin. V zashch. mira no. 61: 28-31 Je '56.

Results of the All-Union book exhibition. Sov. knizh. torg. no. 7:1-4 Jl '56.

MOSCOW—BOARDING SCHOOLS

The boarding school is ready. M. Grineva. Ogonek 34 no. 33:7 Ag '56.

MOSCOW—BOOKSELLERS AND BOOKSELLING

Variety in the stock of a second-hand book store. S. Miachin. Sov. knizh. torg. no. 7:9-10 Jl '56.

MOSCOW—BOTANY

Two hundred and fiftieth anniversary of the Pharmacy City. V. Minkevich. Pioneriia 33 no. 6:32 Je '56.

MOSCOW—BRICK INDUSTRY

Building in the capital using high quality brick. N. Dikerman. Arkhit. i stroi. Mosk. 5 no. 8:25-26 Ag '56.

MOSCOW—BRIDGES

Road and bridge building in 1956. Gor. khoz. Mosk. 30 no. 6:30 Je '56.

MOSCOW—BUILDING

For higher cultural standards and better organization of construction. Arkhit. i stroi. Mosk. 5 no. 8:1-2 Ag '56.

MOSCOW—BUILDING MACHINERY

Mechanizing the construction work of the Main Administration of the Moscow Housing and Public Building Construction Trust. M. IA. Egnus. Mekh. stroi. 13 no. 6: 5-10 Je '56.

MOSCOW—BUILDINGS

An investigation of some orders of architectural composition used by V. I. Bazhenov and M. F. Kazakov. N. F. Gulianitskii. Vop. teor. arkhit. no. 1:77-109 '55.

The palaces of Fieldmarshal B. P. Sheremetev and F. M. Apraksin in Moscow. A. N. Petrov. Arkhit. nas. no. 6:138-146 '56.

MOSCOW—CARGO HANDLING

Potentialities still to be used for speeding up cargo handling in ports. M. F. Antonov, N. S. TSurkov. Rech. transp. 15 no. 6:19-21 Je '56.

MOSCOW—CARNIVAL

Carnival in a factory park. V. Shokorev, V. Savilov. Klub 5 no. 5:26-28 My '56.

MOSCOW—CATTLE—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Cattle" pavilion; a gidebook] Pavil'on "Krupnyi rogatyi skot"; putevoditel', Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

MOSCOW—CHECKERS—TOURNAMENTS

Championship of Moscow. V. Gilliarov. Shakh. v SSSR 33 no. 8:249-250 Ag '56.

MOSCOW—CHEMISTRY—STUDY AND TEACHING

Activities of the Chemistry Department of Moscow Technical College. V. N. Skvortsov. [Trudy] MVTU no. 36:3-5 '55.

MOSCOW—CHESS—TOURNAMENTS
Championship of Moscow. B. Mirotin. Shakh. v SSSR 33 no. 6:185 Je '56.
Championship of the capital. S. Podvoinaia, V. Obervel'tkhut. Shakh. v SSSR 33 no. 8:242 Ag '56.
Lessons obtained from a tournament. A. Ishutinov, V. Liublinskii. Shakh. v SSSR 33 no. 7:213-214 Jl '56.
The twelfth second chess olympiad has begun. S. Flor. Ogonek 34 no. 37:26 S '56.

MOSCOW—CHILDREN
Summer vacations for children. Gor. khoz. Mosk. 30 no. 6:39 Je '56.

MOSCOW—CHILDREN'S PLAYS
"A fairy tale about fairy tales." Teatr 17 no. 6:131-132 Je '56.

MOSCOW—CHORAL MUSIC
Concert by the Academic Russian Chorus. Sov. muz. 20 no. 7:101 Jl '56.

MOSCOW—CIRCUS
New aspects of the circus. Teatr 17 no. 7:142-143 Jl '56.

MOSCOW—CITY PLANNING
Transportation and city planning. V. Cherepanov. Arkhit. i stroi. Mosk. 5 no. 7:19-23 Jl '56.

MOSCOW—COLLEGE AND SCHOOL DRAMA
The play has just begun. G. Voskresenskaia, V. Pobol'. Vozhatyi 32 no. 8:26-28 Ag '56.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
The party library and propagandists. K. Maksimov. Mosk. prop. 13 no. 5:40-45 My '56.
Selection and training of propagandists. A. Razubaev. Mosk. prop. 13 no. 7:48-52 Jl '56.

MOSCOW—COMMUNITY CENTERS
Music in the club. N. Brodianskaia. Sov. muz. 20 no. 7:114-117 Jl '56.
What a club should be. Klub 6 no. 8:16-19 Ag '56.

MOSCOW—COMMUNITY CENTERS—EXHIBITIONS
In the collective farm house of culture at the All-Union Agricultural Exhibition. Kul't.-pros. rab. 17 no. 7:33 Jl '56.

MOSCOW—CONCERTS
Diary of concert life. Sov. muz. 20 no. 7:98-99 Jl '56.
Moscow. Sov. muz. 20 no. 7:108-110 Jl '56.
Notes of a concert-house director. E. Galanter. Sov. muz. 20 no. 8:111-114 Ag '56.

MOSCOW—CONSTRUCTION INDUSTRY
Consolidation and specialization of building organizations is the road to improvement in the construction industry. N. E. Pashchenko. Mekh. stroi. 13 no. 6:3-4 Je '56.

MOSCOW—CONSTRUCTION INDUSTRY—EXHIBITIONS
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The Moscow exhibitions of new building techniques at the south entrance of the all-Union Agricultural Exhibition] Moskovskaia vystavka novoi stroitel'noi tekhniki u iuzhnogo vkhoda Vsesoiuznoi Sel'skokhoziaistvennoi vystavki. [Moskva] Izd-vo "Moskovskaia pravda," 1955. 85 p.
Moscow exhibition on new construction technology. Arkhit. i stroi. Mosk. 5 no. 8:31-32 Ag '56.

MOSCOW—COOPERATIVE SOCIETIES
Present and future of an artel. G. Drozdov. Prom. koop. no. 5:36 My '56.

MOSCOW—CRIME AND CRIMINALS
Visiting the city police officer on duty. IA. Mileiskii. Ogonek 34 no. 31:22-23 Jl '56.

MOSCOW—DESCRIPTION
In the evening. Evgenii Mar. Sov. Soiuz no. 4:18-19 Ap '56.
[Moscow from the deck of a motor ship; a guidebook] Moskva s borta teplokhoda; putevoditel'. Izd. 2-oe. Moskva, Izd-vo "Rechnoi transport," 1956. 269 p.

MOSCOW—ELECTIONS
Elections in Moscow. Vsevolod Ivanov. Ogonek 25 no. 52:9-10 D '47.
Moscow is preparing for elections. Ogonek 25 no. 48:1 N '47.

MOSCOW—ELECTRONIC INSTRUMENTS—EXHIBITIONS
Exhibition of Hungarian electronic instruments in Moscow, 1955. V. I. Korol'kov, A. A. Sokolov. Izm. tekh. no. 3:88-90 My-Je '56.

MOSCOW—ELEVATORS
Create an office for the operation and repair of elevators; increase the scope of dispatcher work. A. N. Pekler. Gor. khoz. Mosk. 30 no. 6:26-27 Je '56.
Improve the quality of repair work; create an interest in the service personnel. V. S. Voronets. Gor. khoz. Mosk. 30 no. 6:27-28 Je '56.
Ways of improving Moscow's elevator industry. I. E. Egorov, I. M. Vishnevetskii. Gor. khoz. Mosk. 30 no. 6:21-25 Je '56.

MOSCOW—ENGINEERING—EXHIBITIONS
Exhibition of socialistic technology. G. P. Gaus. Fiz. v shkole 16 no. 4:14-25 Jl-Ag '56.

MOSCOW—EXHIBITIONS
At the All-Union Industrial Exhibition. L. Davydov. Kul't.-pros. rab. 17 no. 8:33-38 Ag '56.
At the industrial and agricultural exhibitions. Ogonek 34 no. 24:4 Je '56.
Celebration of modern technology. L. Davydov. Rabotnitsa 34 no. 7:1-3 Jl '56.
Creative work. A. Morozov. Znamia 26 no. 7:144-158 Jl '56.
Exhibition of works of the Academy of Sciences of the U. S. S. R. N. D. Minaichev. Vest. AN SSSR 26 no. 8: 45-52 Ag '56.
The first industrial exhibition in Moscow. V. Mel'nikov. Ogonek 34 no. 31:15 Jl '56.
In the stands of the industrial exhibition. Znan. sila 31 no. 7:25 Jl '56.
Kingdom of science and technology; a report from the all-Union industrial exhibition. K. Barykin. Ukraina no. 14:2 of cover Jl '56.
National school of progressive experience. N. L. Kar. i zver. 9 no. 4:42-48 Jl-Ag '56.
Review of Soviet technology. A. Morozov. Smena 33 no. 14:2-3 Jl '56.
School of progressive practice. Ogonek 34 no. 25:1 Je '56.
Welding at the All-Union Industrial Exhibition. P. G. Rybalka. Svar. proizv. no. 7:28-31 Jl '56.
World of high achievements in science and technology. A. Morozov. Tekh. mol. 24 no. 8:2-5 Ag '56.

MOSCOW—FESTIVALS
It happened on Thursday. L. Fiitiashin. Klub 5 no. 5:25 My '56.

MOSCOW—FIRES AND FIRE PREVENTION
Alarm. Evgenii Mar. Sov. Soiuz no. 6:29-31 Je '56.

MOSCOW—FLORICULTURE
To the inhabitants of Moscow. Sov. Soiuz no. 5:25 My '56.

MOSCOW—FLOWER SHOWS
Spring flower show. M. I. Prokhorova. Gor. khoz. Mosk. 30 no. 6:18-20 Je '56.
Spring flower show. P. I. Lapin. Priroda 45 no. 6:55-58 Ag '56.

MOSCOW—FOOD—ANALYSIS
Laboratories of tasty and healthful food. Nauka i zhizn' 23 no. 8:24 Ag '56.

MOSCOW—FRUIT CULTURE—EXHIBITIONS
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The orchard; a guidebook] Plodovyi sad; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.

MOSCOW—FRUIT TRADE
Vegetables and fruits for the nation's capital. Iv. Ignatov. Ogonek 34 no. 37:4 S '56.

MOSCOW—GALLERIES AND MUSEUMS
"The State Armor Museum of the Moscow Kremlin"; a collection of scientific works on materials of the State Armor Museum. Reviewed by V. S. Valuev. Vop. ist. no. 6:192-193 Je '56.

MOSCOW—GRINDING MACHINES
Attachment for grinding lathe beds under repair. K. G. Vorob'ev, IU. N. Sychev. Stan. i instr. 27 no. 8:34-35 Ag '56.

MOSCOW—HARBORS
Dispatch control installations in a river port. M. I. Brodskii. Rech. transp. 15 no. 7:9-10 Jl '56.

MOSCOW—HISTORICAL MUSEUMS
At the Lenin museum. V. F. Morozov. Sov. Soiuz no. 4: 2 Ap '56.

MOSCOW—HISTORY—STUDY AND TEACHING
Conference of Moscow historians. A. F. Intsertov, M. B. Rudel'son. Prep. ist. v shkole 11 no. 3:123-124 My-Je '56.
Work of the seminar of history and the Constitution of the U. S. S. R. in the Moscow Institute of Advanced Training for Teachers during the 1955-1956 academic year. G. V. Zakharova. Prep. ist. v shkole 11 no. 3:127-128 My-Je '56.

MOSCOW—HORSE RACING
Results of the Moscow championship races for 1956. N. Nikitin. Konevodstvo 26 no. 9:44-47 S '56.

MOSCOW—HOSPITALS—HISTORY
Jubilee of one of the oldest medical institutions (1707-1947). Aleksandr Mirov. Ogonek 25 no. 52:16 D '47.

MOSCOW—HOUSING
Building 2- and 3-story apartment houses is an important matter for the government. Arkhit. i stroi. Mosk. 5 no. 7:1-2 Jl '56.
[List of addresses of living quarters for exchange.] Spravochnik adresov po obmenu zhiloploshchadi nos. 8-10 Ag-O '56.

MOSCOW—KREMLIN
The Moscow Kremlin. Otv. na vop. trud. no. 67:22-32 '56.

MOSCOW—LANDSCAPE ARCHITECTURE
Conference on problems of beautifying and landscaping the residential sections of Moscow. Arkhit. i stroi. Mosk. 5 no. 7:17-18 Jl '56.
Shortcomings in landscaping the capital. L. Zalesskaia. Arkhit. i stroi. Mosk. 5 no. 7:12-17 Jl '56.

MOSCOW—LANGUAGE AND LANGUAGES—STUDY AND TEACHING
Twenty-fifth anniversary of the founding of the First Moscow State Institute of Foreign Languages. E. I. Glatman. Inostr. iaz. v shkole no. 4:123-215 Jl-Ag '56.

MOSCOW—LIBRARIES
Who is reading? Sov. Soiuz no. 4:10-11 Ap '56.

MOSCOW—LIBRARIES—BIBLIOGRAPHY
Improve the reference and bibliography services. I. Vatsadze. Bibliotekar' no. 7:30-33 Jl '56.

MOSCOW—LIBRARIES, SPECIAL
The party library and propagandists. K. Maksimov. Mosk. prop. 13 no. 5:40-45 My '56.

MOSCOW—LIBRARIES, UNIVERSITY AND COLLEGE
Organization of the service to readers in the new building of Moscow University. E. Spirina. Bibliotekar' no. 7:26-29 Jl '56.

MOSCOW—LUBRICATION AND LUBRICANTS
Tank for lubricant decantation from the oil collecting basin. T. Galkin. Khol. tekh. 33 no. 2:64 Ap-Je '56.

MOSCOW—MACHINE-TOOL INDUSTRY
A long stride; from the series of sketches "Factory workdays." A. Bezymenskii, I. Vainberg. Novyi mir 32 no. 6:7-32 Je '56.

MOSCOW—MATHEMATICS
Sessions of the Moscow Mathematical Society. Usp. mat. nauk 11 no. 3:211-216 My-Je '56.

MOSCOW—MEASURING INSTRUMENTS—EXHIBITIONS
"Metrology, standards and precision measurements" at the All-Union Industrial Exhibition, 1956. Izm. tekh. no. 3:97-98 My-Je '56.

MOSCOW—MEAT INSPECTION
Veterinary-sanitation inspection of meat in Moscow markets. A. A. Pugovkina. Veterinariia 33 no. 8:60-65 Ag '56.

MOSCOW—MEDICAL SOCIETIES
Proceedings of the Moscow Society of Therapeutists. Terap. arkh. 28 no. 4:84-89 '56.

MOSCOW—MILK TRADE
Milk. A. Novikov. Ogonek 34 no. 37:22-23 S '56.

MOSCOW—MONASTERIES
An attempt at constructing a forced water supply line in the Simonov Monastery of Moscow. A. A. Uranosov. Trudy Inst. ist. est. i tekh. 7:251-254 '56.
The ensemble of Simonov Monastery in Moscow. R. Katsnel'son. Arkhit. nas. no. 6:87-100 '56.

MOSCOW—MOTION-PICTURE THEATERS
Current construction: Plans for new motion-picture theaters. A. Ivanov. Arkhit. i stroi. Mosk. 5 no. 6: 21-24 Je '56.

MOSCOW—MUNICIPAL SERVICES
How the municipal services of Moscow will develop in 1956. Otv. na vop. trud. no. 69:24-31 '56.
Introducing modern machinery in the enterprises of the Moscow Soviet. Gor. khoz. Mosk. 30 no. 6:36 Je '56.

MOSCOW—MUSIC, ARMENIAN
Evenings of Armenian music. Sov. muz. 20 no. 8:114-120 Ag '56.

MOSCOW—MUSIC, YUGOSLAV
Concerts of Yugoslav music. Sov. muz. 20 no. 8:133 Ag '56.

MOSCOW—MUSICIANS, URUGUAYAN
Performances by Uruguayan musicians. Sov. muz. 20 no. 7:105 Jl '56.

MOSCOW—NEWSPAPER AND PERIODICAL CIRCULATION
At stations and on trains. V. Miagkov. Raspr. pech. no. 7:7-8 Jl '56.
In 25 retail outlets. L. Kolendo. Raspr. pech. no. 7:5 Jl '56.

MOSCOW—NOISES
Silence. E. Riabchikov. Ogonek 34 no. 33:29 Ag '56.

MOSCOW—NUCLEAR REACTIONS—CONGRESSES
Development of research in the field of high-energy nuclear physics; all-Union conference in Moscow. L. I. Lapidus. Vest. AN SSSR 26 no. 8:97-100 Ag '56.

MOSCOW—OPERA
"The marriage of Figaro" in the Bolshoi Theater. A. Khakhlovkina. Sov. muz. 20 no. 8:93-99 Ag '56.

MOSCOW—OPERA, ARMENIAN

The Armenian opera theater in Moscow. M. Sabinina. Sov. muz. 20 no. 8:83-92 Ag '56.

MOSCOW—ORPHANS AND ORPHANAGES

Our council of guardians. P. S. Zhemchuzhina. Ucheb.-vosp. rab. v dets. dom. no. 39:22-35 '55.

MOSCOW—PAINTINGS—EXHIBITIONS

Six good and different people. Valentin Kataev. Ogonek 34 no. 34:16 Ag '56.

MOSCOW—PAINTINGS, ARMENIAN—EXHIBITIONS

Armenian art. Marietta Shaginian. Krest'ianka 35 no. 7:20-21 Jl '56.

MOSCOW—PARKS

Let's go through the park. B. Belogorskii. Sov. Soiuz no. 8:8-11 Ag '56.

MOSCOW—PHYSCIAL THERAPY

In the Physical Therapy Society of Moscow. A. Ionina. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:90 Ap-Je '56.

MOSCOW—POULTRY—EXHIBITIONS

Poultry of Moscow Province at the All-Union Agricultural Exhibition. N. A. Gorbunov. Mosk. kolkh. 5 no. 6:33-34 Ag '56.

MOSCOW—RADIOLOGY, MEDICAL

In the First Medical Institute. Il'ia Korabel'nikov. Nauka i zhizn' 23 no. 8:26-28 Ag '56.

MOSCOW—REFUSE AND REFUSE DISPOSAL

Machinery for city sanitation. Gor. khoz. Mosk. 30 no. 6:39 Je '56.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

Measures for improving public eating establishments in Moscow. Gor. khoz. Mosk. 30 no. 6:38 Je '56.

MOSCOW—RETAIL TRADE

White curtains on shopwindows. V. Polynin. Ogonek 34 no. 30:18 Jl '56.

MOSCOW—ROAD CONSTRUCTION

Road and bridge building in 1956. Gor. khoz. Mosk. 30 no. 6:39 Je '56.

MOSCOW—SHIPBUILDING—EXHIBITIONS

"Shipbuilding" Pavilion at the All-Union Industrial Exhibition. Rech. transp. 15 no. 6:10 Je '56.

MOSCOW—SLAVIC PHILOLOGY—CONGRESSES

Preparations for the International Congress of Slavicists in Moscow. V. V. Vinogradov. Vest. AN SSSR 26 no. 7: 48-52 Jl '56.

MOSCOW—SLAVIC STUDIES

Moscow is the greatest center of Slavic studies. A. Belic. Slaviane no. 7:22-23 Jl '56.

MOSCOW—SLAVIC STUDIES—CONGRESSES

Conference of the International Committee of Slavists. V. V. Vinogradov. Slaviane no. 7:10-21 Jl '56.

MOSCOW—SOCCER

Soccer players from Bol'shaya Olen'ya Street. A. Kovalenko. Smena 33 no. 14:22-23 Jl '56.

MOSCOW—SOCIAL SCIENCES

At the meeting in Moscow. Vest. AN SSSR 26 no. 6:46-50 Je '56.

MOSCOW—SPORTS

Festival of the millions. Fizk. i sport 26 no. 6:4-5 '56.

The great success of the Spartakiada. Ogonek 34 no. 34: 25-27 Ag '56.

In honor of Soviet sports. Ogonek 34 no. 32:1 Ag '56.

Review of strength and beauty. Ogonek 34 no. 33:1 Ag '56.

The Spartakiada continues. Ogonek 34 no. 33:2-3 Ag '56.

Spartakiada of friendship. M. Itkina. Rab. i stal. 32 no. 9:4-5 S '56.

Spartakiada of the Peoples of the U. S. S. R. IUr. Van'tal. Nov. vrem. 14 no. 35:20-23 Ag '56.

MOSCOW—STADIUMS

The Central Stadium is ready. Arkhit. i stroi. Mosk. 5 no. 8:15-18 Ag '56.

Great Moscow stadium. V. P. Polikarpov. Zdorov'e 2 no. 8:16-17 Ag '56.

Main sports stadium in Moscow. V. A. Burov. Ogonek 25 no. 48:30 N '47.

MOSCOW—STATIONERY TRADE

Concerning a store. Semen Kirsanov. Novyi mir 32 no. 6:278 Je '56.

MOSCOW—STREETS

Park thoroughfare. N. Poliakov. Arkhit. i stroi. Mosk. 5 no. 7:3-6 Jl '56.

MOSCOW—STUDENTS, FOREIGN

Architects do not know anything about music. Ronaldo Ramirez. Vsem. stud. nov. 10 no. 6/7:26-27 Je-Jl '56.

MOSCOW—SUBWAYS

The fifth line of the Moscow subway. A. Golovin. Blok. agit. no. 10:11-14 Ap '54.

Immediate tasks in developing the Moscow subway. K. E. Aleksander. Gor. khoz. Mosk. 30 no. 6:4-10 Je '56.

New subways. V. IAkobs. Blok. agit. no. 24:18-25 Ag '56.

MOSCOW—SURGERY—CONGRESSES

Vsesoiuznyi s"ezd khirurgov, 26th, Moscow, 1955. [Proceedings of the 26th All-Union Congress of Surgeons, held at Moscow January 20-29, 1955] Trudy . . . ; 20-29 ianvaria. Moskva, Gos. izd-vo med. lit-ry, 1956. 703 p. (DAFM)

MOSCOW—SWINE BREEDING—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [Swine breeding" pavilion; a guidebook] Pavil'on "Svinovodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

MOSCOW—TECHNICAL EDUCATION

The backwardness of the Institute can and must be overcome. V. P. Karzanov. Vest. vys. shkoly 14 no. 8:10-15 Ag '56.

The Department of Mechanics in Moscow Technical College; brief outline of the work of the department for 125 years. V. V. Dobronravov. [Trudy] MVTU no. 50: 3-9 '56.

MOSCOW—TELEPHONE SWITCHBOARDS

Hello! Sov. Soiuz no. 6:14-15 Je '56.

MOSCOW—THEATER

"Accidental meetings." Teatr 17 no. 7:138-140 Jl '56.

At audience conferences. Teatr 17 no. 7:170-177 Jl '56.

The feeling for drama; "Money" by A. Sofronov in the Malyi Theater. V. Sukharevich. Teatr 17 no. 7:75-79 Jl '56.

The 50th performance of Schiller's tragedy. Teatr 17 no. 6:185 Je '56.

Foma Gordeev and others. B. Zingerman. Teatr 17 no. 6:83-93 Je '56.

From rehearsal halls. Teatr 17 no. 7:173-174 Jl '56.

In Moscow again. V. Komissarzhevskii. Ogonek 34 no. 27:17 Jl '56.

"Kiss a fairy." Teatr 17 no. 6:130-131 Je '56.

Living portrayals. A. L. Shtein. Teatr 17 no. 6:74-82 Je '56.

Man in a romantic drama. Teatr 17 no. 7:150 Jl '56.

"Mrs. Dulska's morals." Teatr 17 no. 6:126-128 Je '56.

"Mrs. Warren's profession." Teatr 17 no. 6:125-126 Je '56.

A poet's notes. Il'ia Sel'vinskii. Teatr 17 no. 6:66-74 Je '56.

"The strange man." Teatr 17 no. 6:128-130 Je '56.

"The training of the shrew." Teatr 17 no. 7:137-138 Teatr 17 no. 7:137-138 Jl '56.

Vakhtangov Theater actors. IA. Han. Ukraina no. 15:5 Ag '56.

When the theater doesn't trust the author; "The bedbug" in the Vl. Maiakovskii Theater. A. Isaev. Teatr 17 no. 7:67-74 Jl '56.

Youth of the hundredth performance. Teatr 17 no. 7: 149-150 Jl '56.

MOSCOW—THEATER—HISTORY

"Egor Bulychov and others." Teatr 17 no. 6:136-137 Je '56.

"Enemies." Teatr 17 no. 6:135-136 Je '56.

First visit to the Malyi theater. T. Shchepkina-Kupernik. Ogonek 25 no. 48:26 N '47.

Moscow. Moskovskii khudozhestvennyi akademicheskii teatr. [The yearbook of the Moscow Art Theater for 1951-1952] Ezhegodnik, 1951-1952. Moskva, 1956. 413 p.

Playing the role of Lidiia Somova. Teatr 17 no. 6:137-138 Je '56.

MOSCOW—THEATER—MUSEUMS AND COLLECTIONS

Aesthetic shock. Teatr 17 no. 7:154 Jl '56.

MOSCOW—THERMOMETERS

Gigantic thermometer. V. Zvezdin. Tekh. mol. 24 no. 6:19 Je '56.

MOSCOW—TIRES, RUBBER

Increasing labor productivity by all possible means. F. N. Soleznev. Blok. agit. no. 10:35-42 Ap '54.

MOSCOW—TRADE UNIONS—CONGRESSES

Delegates to the congresses speak. Klub 5 no. 5:14-15 My '56.

MOSCOW—TRANSPORTATION

Transportation and city planning. V. Cherepanov. Arkhit i stroi. Mosk. 5 no. 7:18-23 Jl '56.

MOSCOW—UNIVERSITIES AND COLLEGES—EXHIBITIONS

"Universities for the past 30 years" exhibit. L. Batagova. Ogonek 25 no. 48:11 N '47.

MOSCOW—URNS

Unusual autograph. IU. Zolotov. Sov. Soiuz no. 6:28 Je '56.

MOSCOW—VEGETABLES—MARKETING

Vegetables and fruits for the nation's capital. Iv. Ignatov. Ogonek 34 no. 37:4 S '56.

MOSCOW—VETERINARY MEDICINE—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The veterinary sector; a guidebook] Veterinarnyi uchastok; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 31 p.

MOSCOW—WATER—AERATION

Investigation of the work efficiency of the primary sedimentation tanks of the Kur'ianov aeration station. A. A. Karpinskii, T. A. Kariukhina. Vod. i san. tekh. no. 5:17-20 My '56.

MOSCOW—WOMEN—CONGRESSES

"Equality of women in the U. S. S. R."; international seminar. Sov. zhen. 12 no. 10:22-26 O '55.

MOSCOW—YOUTH—CONGRESSES

Festival of youth. Kul't.-pros. rab. 17 no. 8:55-57 Ag '56.

The sixth youth festival is taking place in Moscow. Nov. vrem. 14 no. 35:18 Ag '56.

MOSCOW BASIN—COAL MINES AND MINING

Ways of increasing labor productivity. A. Minevich. Mast. ugl. 5 no. 7:10-12 Jl '56.

MOSCOW BASIN—GAS, NATURAL—PIPELINES

Installation of crossings in the Moscow Basin section of the Stavropol-Moscow gas pipeline. V. I. Sitov. Stroi. pred. neft. prom. 1 no. 3:17-19 My '56.

MOSCOW BASIN—MINE VENTILATION

New method of ventilating single-face longwalls. N. Platnitskii. Mast. ugl. 5 no. 7:16 Jl '56.

MOSCOW PROVINCE—AGRICULTURE

Best farms in Moscow Province. F. Morozov. Mosk. prop. 13 no. 7:64-69 Jl '56.

Decisive stage in agricultural work. Mosk. prop. 13 no. 7:11-17 Jl '56.

Let's fulfill our obligation in competition with Kiev Province. Mosk. kolkh. 5 no. 8:1 Ag '56.

Some problems of specialization in agriculture and use of improved cultivation practices. I. V. IAkushkin. Mosk. kolkh. 5 no. 6:5-6 Je '56.

Work in fallowed and unfallowed fields. N. S. Sokolov. Mosk. kolkh. 5 no. 6:16-18 Je '56.

MOSCOW PROVINCE—ART—EXHIBITIONS

Six hundred works of art. Ogonek 25 no. 48:11 N '47.

MOSCOW PROVINCE—BANKS AND BANKING

More creative initiative in fulfilling the money circulation plan. I. Chesalin. Den. i kred. 14 no. 5:33-35 Ag '56.

MOSCOW PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

For further technological progress in industry. Mosk. prop. 13 no. 7:3-10 Jl '56.

MOSCOW PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

More attention to popularizing the material of the 20th Congress of the Communist Party of the Soviet Union. G. Vorozheikina. Mosk. prop. 13 no. 5:37-40 My '56.

MOSCOW PROVINCE—COMMUNITY CENTERS

Expand the building of clubs, libraries, and red corners on the collective farms. Mosk. kolkh. 5 no. 6:6 Je '56.

MOSCOW PROVINCE—CONSTRUCTION INDUSTRY

Competition of rural builders of Moscow and Kiev Provinces. N. Novoselov. Sel'. stroi. 11 no. 5:8-9 My '56.

MOSCOW PROVINCE—CORN (MAIZE)

The most important condition for obtaining high corn yields. V. P. Masterova. Mosk. kolkh. 5 no. 6:8-9 Je '56.

MOSCOW PROVINCE—DAIRY CATTLE

Organize properly a stall and field shelter system for keeping cattle. O. N. Kosova. Mosk. kolkh. 6 no. 6:23-24 Je '56.

MOSCOW PROVINCE—DWARF FRUIT TREES

Aspects of planting dwarf and semidwarf trees in Moscow Province. B. A. Popov. Mosk. kolkh. 5 no. 7:37 Jl '56.

MOSCOW PROVINCE—DWELLINGS

Housing and communal construction in Moscow and Moscow Province; figures and facts. Mosk. prop. 13 no. 5:69-72 My '56.

MOSCOW PROVINCE—FARM BUILDINGS—HEATING AND VENTILATION

A ripe problem. I. F. Stoltarov. Mosk. kolkh. 5 no. 6:27 Je '56.

MOSCOW PROVINCE—FORAGE PLANTS

Shcherbakova, K., and IA. Lashin. [Feed supply of the "Aleksandrovo" State Farm] Kormovaia baza sovkhoza "Aleksandrovo." [Moskva] Moskovskii rabochii, 1956. 67 p. (Bibliotechka zhivotnovoda) (DA)

MOSCOW PROVINCE—FRUIT CULTURE
Develop fruit culture in every possible way. Mosk. kolkh. 5 no. 8:2 Ag '56.
Plant more orchards in the Moscow region. K. Dukhanin. Blok. agit. no. 26:9-15 S '56.
Summer work in the orchard. N. A. Myshliaeva. Mosk. kolkh. 5 no. 6:43 Je '56.

MOSCOW PROVINCE—HARVESTING
In the Moscow Province Committee of the Communist Party of the Soviet Union and the Executive Committee of the Moscow Province Council. Mosk. kolkh. 5 no. 8:3-4 Ag '56.
Stage harvesting of grain crops. A. V. Novikov. Mosk. kolkh. 5 no. 6:20 Je '56.

MOSCOW PROVINCE—INDUSTRIES
For further technological progress in industry. Mosk. prop. 13 no. 7:3-10 Jl '56.

MOSCOW PROVINCE—KINDERGARTEN
Kindergarten by the river. E. G. Nikkel'. Zdorov'e 2 no. 8:24 Ag '56.

MOSCOW PROVINCE—MACHINE-TRACTOR STATIONS—ACCOUNTING
Some problems concerning the introduction of business accounting at machine-tractor stations. IA. G. Ginzburg. Mosk. kolkh. 5 no. 6:34-36 Je '56.

MOSCOW PROVINCE—MUSHROOMS
Looking for mushrooms. Vl. Rudim. Ogonek 34 no. 33: 28 Ag '56.

MOSCOW PROVINCE—NATURE STUDY
Book on our own Moscow region ("Seasons of the year," D. P. Zuev. Reviewed by IU. IUr'ev). Mosk. kolkh. 5 no. 8:47-48 Ag '56.

MOSCOW PROVINCE—OAK—DISEASES AND PESTS
Birds are friends of woods and fields. B. Lebedev. Mosk. kolkh. 5 no. 6:47 Je '56.

MOSCOW PROVINCE—PHYSICAL EDUCATION AND TRAINING
Develop physical culture and sports around Moscow. V. D. Alekhin. Mosk. kolkh. 5 no. 8:41 Ag '56.

MOSCOW PROVINCE—POTATOES—VARIETIES
Urgent tasks in seed potato fields. I. K. Shaumian. Mosk. kolkh. 5 no. 6:10-11 Je '56.

MOSCOW PROVINCE—PUBLIC BUILDINGS
Housing and communal construction in Moscow and Moscow Province; figures and facts. Mosk. prop. 13 no. 5:69-72 My '56.

MOSCOW PROVINCE—SOCIAL CONDITIONS
Prosperity of Moscow and Moscow Province workers is growing. Blok. agit. no. 29:25-32 O '56.

MOSCOW PROVINCE—SOIL TEMPERATURE
Variation of soil temperature in the Moscow area. A. M. Chekotillo. Priroda 45 no. 8:114-115 Ag '56.

MOSCOW PROVINCE—STOCK AND STOCKBREEDING
Make increasing the productivity of animal husbandry a matter of daily concern. Mosk. kolkh. 5 no. 6:1-2 Je '56.

MOSCOW PROVINCE—STRAWBERRIES—VARIETIES
Strawberry varieties for Moscow Province. T. P. Filosofova. Mosk. kolkh. 5 no. 6:40 Ag '56.

MOSCOW PROVINCE—SUMMER
What is July like near Moscow? Mosk. kolkh. 5 no. 7: 48 Jl '56.

MOSCOW PROVINCE—SURGERY—SOCIETIES
Brief news. Khirurgiia no. 5:90-94 My '56.

MOSCOW PROVINCE—SWEET CLOVER
Sweet clover near Moscow. Dm. Zuev. Mosk. kolkh. 5 no. 7:43 Jl '56.

MOSCOW PROVINCE—TORNADOES
[illegible]inity of Moscow. N. Kolobkov, '56.

[illegible]NARY MEDICINE
V. Kovrigin. Vete-

[illegible]NUDATION
in the upper reaches ivers. F. P. Savaren- 1:19-24 '48.

BREEDING
s. V. Polianskii.

Far East; Ukraine;

vered turf. V. M. o. 2:99-111 '56.

1900-1956
25 no. 5:59 Je '56.

MOTHERS
The joy of motherhood. A. Taranova. Sots. obesp. 17 no. 3:3-4 Mr '56.

MOTHS see subdivision under Siberia

MOTION
Dynamics of relative linear motion of a particle rotating around a vertical axis. M. B. Sizov. [Trudy] MVTU no. 50:102-236 '56.
Instances of central motion solved in elementary transcendental and elliptic integrals. D. D. Mordukhai-Boltovs'koi. Dop. AN URSR no. 3:3-8 '49.
Inversion of theorems of A. M. Liapunov's second method for the study of the stability of motion. N. N. Krasovskii. Usp. mat. nauk 11 no. 3:159-164 My-Je '56.
Lateral stability of automobiles during their uniformly changing motion on curves. V. M. Klennikov. Trudy lab. dvig. no. 2:54-66 '56.
Law of conservation of motion and the units of motion in physics. V. S. Sorokin. Usp. fiz. nauk 59 no. 2:325-362 Je '56.
Motion as a property of matter. S. T. Meliukhin. Nauka i zhizn' 23 no. 8:35-38 Ag '56.
Respiration and movement. V. S. Farfel', Zdorov'e 2 no. 8:9-11 Ag '56.
Theory of the motion of material particles in rotational planes. P. M. Vasil'enko. Dop. AN URSR no. 3:68-77 '49.
Using the asymptotic method in solving equations of the motion of a load on a partially elastic rope of variable length. V. M. Shevelo, A. I. Kuzhil. Dop. AN URSR no. 6:402-406 '54.

MOTION—STUDY AND TEACHING
Teaching the subject "Rotational motion." L. D. Pikanovskii. Fiz. v shkole 16 no. 4:44-48 Jl-Ag '56.
Teaching the subject "Uniformly changing motion" in the eighth class. V. V. Krauklis. Fiz. v shkole 16 no. 4: 39-43 Jl-Ag '56.

MOTION, PERPETUAL see Perpetual motion

MOTION-PICTURE CARTOONS
(see also subdivision under China; Czechoslovakia)
Animate and birds as people. B. Voronov. Pioner no. 6:68-69 Je '56.
Defense of a dissertation. Isk. kino no. 5:117-118 My '56.
"Krokodil" visits a documentary motion-picture studio. Isk. kino no. 5:116-117 My '56.

MOTION-PICTURE DISTRIBUTION
Solve the problems of repertory planning with imagination. Kinomekhanik no. 7:1-3 Jl '56.

MOTION-PICTURE FESTIVALS
(see also subdivision under London)
A festival of the M. Gor'kii Studio's motion pictures. Isk. kino no. 5:113-116 My '56.

MOTION-PICTURE INDUSTRY
(see also subdivision under Bulgaria; Italy; Kiev; Poland; Rumania)
Practice in reducing the time it takes to produce a motion picture. E. Ershov. Isk. kino no. 5:34-39 My '56.

MOTION-PICTURE MUSIC
The role of music in the dramaturgy of motion pictures. I. Frolov. Isk. kino no. 5:25-33 My '56.

MOTION-PICTURE PLAYS
(see also subdivision under Bavaria; China; Yugoslavia)
Against cliché and oversimplification. Ivan Uksusov. Zvezda no. 9:186-187 S '56.
Conference of young script writers and critics. Isk. kino no. 6:118 Je '56.
"First joys." Kinomekhanik no. 7:45 Jl '56.
In a few lines. Isk. kino no. 5:120-121 My '56.
In a few lines. Isk. kino no. 6:120-121 Je '56.
Living signs of our day. N. Gromov. Isk. kino no. 6: 3-13 Je '56.
"Murder on Dante Street." Kinomekhanik no. 7:46-47 Jl '56.
"On the stage." Kinomekhanik no. 7:47 Jl '56.
On virgin land. Sov. Soiuz no. 5:10-11 My '56.
A play on the screen. L. Fradkin. Isk. kino no. 6:14-23 Je '56.
"Poem of the sea." Isk. kino no. 6:117 Je '56.
Portrayal of a national hero. B. Babochkin. Belarus' 13 no. 8:26-27 Ag '56.
See these films. Sots. kul't. 9 no. 6:45 Je '56.
A Shakespearean tragedy on the screen. V. Frolov. Isk. kino no. 5:15-24 My '56.
Soviet motion pictures abroad. V. Poliakov. Isk. kino no. 5:103-108 My '56.
"300 years ago." Kinomekhanik no. 7:46 Jl '56.
An unknown letter by Al. Blok on motion pictures. V. Lakshin. Isk. kino no. 5:46-47 My '56.
Visiting with Jerzy Bossak. Mol. mira no. 4:11 '56.
"Yachts at sea." Kinomekhanik no. 7:47 Jl '56.

MOTION-PICTURE PLAYS—BIBLIOGRAPHY see Bibliography—Motion-picture plays

MOTION-PICTURE PROJECTION
(see also subdivision under Ukraine)
Advantages of using a reductor in the KES-6 power plant and the transmission ratio of the reductor. Kinomekhanik no. 7:40 Jl '56.
Choice of focal length and determination of the brilliancy of a diffusion screen. Kinomekhanik no. 7:36 Jl '56.
Development of new power plants. IA. Lisianskii. Kinomekhanik no. 7:17-23 Jl '56.
Eliminate defects in the system of showing films to lumbermen. N. Kalashnikov, V. Saltykov. Kinomekhanik no. 7:15-16 Jl '56.
Innovators' suggestions. Kinomekhanik no. 7:35-39 Jl '56.
Instructor in progressive work methods. L. Borodulin. Kinomekhanik no. 7:4-5 Jl '56.
There should not be a fixed pattern in the work of a motion-picture circuit. V. Chukhnin. Kinomekhanik no. 7:6-7 Jl '56.
Wide screen motion-picture theaters. [Anh. Krupenia. Biurozka 32 no. 6:20 Je '56.
Work practice of N. IUrin, motion-picture operator, with the "Kiev-2" power plant. I. Mikhailov. Kinomekhanik no. 7:23-25 Jl '56.

MOTION-PICTURE PROJECTORS
FN-99 motion-picture projector. Kinomekhanik no. 7:41-43 Jl '56.
Improving the PP-16-1 reel. Kinomekhanik no. 7:34 Jl '56.

MOTION-PICTURE THEATERS
(see also subdivision under Astrakhan; Moscow)
Equipping a wide-screen theater in Astrakhan'. D. Bruskin. Kinomekhanik no. 7:30-32 Jl '56.
Protich, V.M., O.P.Podlipskii, and V.K.Miloslavov. [Principles of designing motion-picture theaters and buildings for film storage] Elementy proektirovaniia kinoteatrov i fil'mobaz. Moskva, Gos. izd-vo "Iskusstvo," 1956. 199 p.
Screen equipment and the location of seats in a wide-screen theater. G. Irskii. Kinomekhanik no. 7:25-29 Jl '56.

MOTION PICTURES
(see also subdivision under France; Great Britain; Greece; Italy; Kiev; Korea, North; Mexico; Yalta)
From everywhere. Isk. kino no. 5:110-112 My '56.
From everywhere. Isk. kino no. 6:114 Je '56.
Macheret, A. V. [Actor and scenarist] Aktor i kinodramaturg. Moskva, Iskusstvo, 1955. 101 p. (NNC)
"Mosfil'm" yearbook. Isk. kino no. 5:120 My '56.
In the motion-picture section of the Home of Scholars of the Academy of Sciences of the U. S. S. R. Isk. kino no. 6:121 Je '56.
Motion pictures of the young. I. Vershinina. Ogonek 34 no. 24:26 Je '56.
Motion pictures of two countries. I. Vershinina. Ogonek 34 no. 37:19 S '56.
Movie-goers write on the specific nature of cinema art; a review of letters. Isk. kino no. 6:89-95 Je '56.
Personal archives of outstanding people in motion pictures. A. Sinel'nikov. Isk. kino no. 6:24-29 Je '56.
See these motion pictures. Sots. kul't. 10 no. 8:47 Ag '56.
Specific nature of motion pictures. An. Vartanov. Isk. kino no. 6:76-88 Je '56.
Superficiality is the enemy of art. V. Razumnyi. Isk. kino no. 5:3-14 My '56.

MOTION PICTURES—HISTORY
A calendar of motion-picture history. Isk. kino no. 5: 122-123 My '56.
Calendar of motion-picture history. Isk. kino no. 6: 122-123 Je '56.
How the seventh wonder of the world was born. V. Kudriavtsev. Mol. mira no. 6:12-14 '56.
Series of evening sessions devoted to motion-picture history. Isk. kino no. 6:119 Je '56.

MOTION PICTURES—PRODUCTION AND DIRECTION
(see also subdivision under Rome; Ukraine)
The awakened steppe; notes of a motion-picture cameraman. Boris Nebylitskii. Druzh. nar. no. 8:114-129 Ag '56.

MOTION PICTURES, AMATEUR see Amateur motion pictures

MOTION PICTURES, DOCUMENTARY
(see also subdivision under Czechoslovakia; France; Lvov; Ukraine)
"Around the world with a motion-picture camera." Isk. kino no. 6:118 Je '56.
["Sun stone"; a sketch of the film] Solnechnyi kamen'; ocherk o fil'me. [Moskva] Iskusstvo [1956] 24 p. (Biblioteka sovetskogo kinozritelia)
Talking journals. Teatr 17 no. 6:183 Je '56.
Welcoming a creative conference of producers of documentary motion pictures. Isk. kino no. 5:118-119 My '56.

MOTION PICTURES, THREE-DIMENSIONAL

Movements of the eye during the perception of images of stereoscopic motion pictures. A.L.IArbus, N.I.Gol'tsman. Trudy Inst. biol. fiz. no. 1:172-177 '55.

MOTION PICTURES ABOUT ART see Art in motion pictures

MOTION PICTURES AND CHILDREN

A million young spectators a day! IU. Filanovskii, N. Khanashevich. Kinomekhanik no. 7:7-8 Jl '56.

MOTION PICTURES IN AGRICULTURE

Agricultural films recommended for rural showing. Kinomekhanik no. 7:24a-24d Jl '56.

MOTION PICTURES IN EDUCATION

Motion pictures in pedagogical institutes. B. T. Nar. obr. no. 6:78 Je '56.

Organization of a university film library. M. M. Polovskii. Vest. vys. shkoly 14 no. 8:59-61 Ag '56.

The role of motion pictures in teaching topics on chemical industries. T. M. Drizovskaia. Khim. v shkole 11 no. 4:40-47 Jl '56.

Use of films in laboratory work in agriculture. A. S. Markov. Est. v shkole no. 4:71-76 Jl-Ag '56.

Wider use of motion pictures for miner education. IU. Znamenskii. Mast. ugl. 5 no. 7:29 Jl '56.

Zil'berberg, L. IA. [Using motion pictures in scientific atheistic propaganda] Ispol'zovanie kino v nauchno-ateisticheskoi propagande. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 69 p.

MOTION PICTURES IN INDUSTRY
(see also subdivision under Magnitogorsk)

Our correspondence. Klub 5 no. 5:19 My '56.

MOTION PICTURES IN MEDICINE

How to show health education filmstrips. IA. N. Trakhtman. Fel'd. i akush. 21 no. 6:39-41 Je '56.

MOTION PICTURES IN METEOROLOGY

Filmstrips and motion pictures. A. D. Begizov, P. I. Rtishchin. Meteor. i gidrol. no. 6:40 Je '56.

MOTION STUDY

Tolchenov, T. V. [Technical standardization of machining, fitting and assembling operations] Tochnichoskoe normirovanie stanochnykh i slesarno-sborochnykh rabot. Pod red. M. M. Shakhnazarova. Izd. 3-e, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo machinostroit. lit-ry, 1956. 399 p.

MOTOR FUELS

Determining dimensions of atomized fuel drops. N. V. Podd'iakov. Sbor. nauch. rab. LIMSKII 9:148-155 '53.

Hygroscopicity of motor fuels. B. A. Englin, N. A. Afanas'eva. Khim. i tekh. topl. no. 5:69-72 My '56.

MOTORBOATS

Build a motorboat yourself. K. Petrov. Tekh. mol. 23[i. e. 24] no. 7:38-39 Jl '56.

Remote-control system designed by F. L. Korpachov, V. A. IAkovlev. Rech. transp. 15 no. 7:25-26 Jl '56.

Winged ships. V. Gartvig. Tekh. mol. 24 no. 8:12-13 Ag '56.

MOTORBUS LINES
(see also subdivision under Tiflis)

Efficient schedule for buses on intercity routes. I. TSarev. Avt. transp. 34 no. 5:10-11 My '56.

MOTORBUS LINES—COST OF OPERATION

Basic factors in lowering the cost of passenger transport by automobile. M. Falbusovich. Avt. transp. 34 no. 6: 4-5 Je '56.

MOTORBUSES

Experimental model of the PAZ-652 bus. Avt. transp. 34 no. 6:27 Je '56.

The "L'vov" motorbus. V. Osepchugov. Avt. transp. 34 no. 5:34 My '56.

Prospective types of buses. B. Zubchuk, G. Klinkovshtein. Avt. transp. 34 no. 8:25-27 Je '56.

MOTORBUSES—ELECTRIC EQUIPMENT

Protection for relay regulators on ZIS-155 buses. B. Levi, S. Zherebtsov. Avt. transp. 34 no. 6:32 Je '56.

MOTORBUSES—REPAIRING

Organizing repair of the ZIS-155 motorbus on a production line. V. Isaev, V. Maslov. Avt. transp. 34 no. 5:24-26 My '56.

MOTORCYCLES

A motor on a bicycle frame. A. Kanevs'kyi. Ukraina no. 11:17 Je '56.

The present and the future belong to motor-scooters. S. Popov. Tekh. mol. 23[i. e. 24] no. 7:31-32, 35 Jl '56.

Shvaikovskii, V. V. [Manual for the beginning motorcyclist] Uchebnik nachinaiushchego mototsiklista. Izd. 2-oe, perer. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 271 p.

MOTORCYCLES—REPAIRING

Follow-up of our material. Sots. obesp. 17 no. 7:63 Jl '56.

MOTORTRUCKS

Applying brakes to the driving wheels of trucks during a skid. A. Tarasov. MTS 16 no. 5:35 My '56.

Basic parameters of trucks used in agriculture. B. G. Kagan. Sbor. nauch. rab. LIMSKII 9:203-218 '53.

Lightweight trucks. Avt. transp. 34 no. 5:37-38 My '56.

On roads and without roads. A. Karpenko. Sov. Soiuz no. 5:16-17 My '56.

[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer nos. 9-10 S-O '56.

MOTORTRUCKS—BODIES

Truck body of larger dimensions is needed. V. Pogodin. Avt. transp. 34 no. 6:30 Je '56.

MOTORTRUCKS—MAINTENANCE

Mechanized washing of trucks. M. Nikolaev. Avt. transp. 34 no. 6:33 Je '56.

Repeated use of water for washing trucks. O. Zgurskii, I. Morozinis, I. Ostrovskii. Avt. transp. 34 no. 5:23 My '56.

MOTORTRUCKS—REPAIRING

[Series on repairing tractors, agricultural machinery, and trucks.] Remont traktorov, sel'khozmashin i avtomobilei nos. 8-10 Ag-O '56.

Testing the wearing quality of facings used in repairing truck tractor parts. V. I. Kazarisev. Sbor. nauch. rab. LIMSKII 9:32-54 '53.

MOUNDS see subdivision under Ili Valley; Kara-Tau Mountain region

MOUNTAINEERING
(see also subdivision under Caucasus)

High beyond the clouds... B. Andrianov. Smena 33 no. 12:12a-12b Je '56.

MOUTH—DISEASES

Classification of periodontitis. I. I. IAras. Stomatologiia 35 no. 3:16 My-Je '56

Clinical aspects and treatment of inflammatory symptoms of the oral mucosa due to the utilization of removable plastic prosthesis. A. V. Vysotskaia. Stomatologiia 35 no. 3:46-50 My-Je '56.

Materials on the comparative pathology of the jaws and teeth structure. S. A. Nikitin, O. S. Tronova. Stomatologiia 35 no. 3:3-8 My-Je '56.

Treatment of periodontitis with streptomycin and biomycin. G. A. Skotnikova. Stomatologiia 35 no. 3:14-16 My-Je '56.

MOVEMENT, PSYCHOLOGY OF

Effect of the brightness of background and the angle of action of glaring light on complex motor reactions in man. O. L. Kanavets-IAkovleva. Biofizika 1 no. 3: 254-261 '56.

Phenomena of interaction between the visual and motor analysers in the perception and concepts of movements. N. R. Bogush. Vop. psikhol. 2 no. 3:40-54 My-Je '56.

MOVEMENT DISORDERS

Peculiarities of chronaximetric indicators in the treatment of traumatic contractions by physical method. S. B. Aronova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:42-46 Ap-Je '56.

Significance of the cerebral hemispheres in the compensation of motor functions following bilateral hemisection of the spinal cord. V. D. Dmitriev. Biul. eksp. biol. med. 42 no. 7:3-7 Jl '56.

MOWING MACHINES

Work of DT-14 tractors with KSKh-2, 1 mowing machines. D. M. Solohub. Mekh. sil'. hosp. 7 no. 9:8-9 S '56.

MOZART, WOLFGANG AMADEUS, 1756-1791

Mozart's journey to Prague. Eduard Merike. Mol. mira no. 4:18-19 '56.

Radio play on Mozart. M. Shcheglov. Sov. muz. 20 no. 7:85-89 Jl '56.

The theater and Mozart's instrumental music. V. Konen. Sov. muz. 20 no. 7:55-65 Jl '56.

MSTISLAV, Bishop of Velikiye Luki and Toropets, 1906-

Address by His Holiness Patriarch Alekasi on conferring the crozier to the newly elevated Bishop Mstislav. Zhur. Mosk. Patr. no. 4:7-8 Ap '56.

Nomination and ordination of Archimandrite Mstislav (Volonsevich). Zhur. Mosk. Patr. no. 4:5-7 Ap '56.

MUCOUS MEMBRANE—DISEASES

Clinical aspects and treatment of inflammatory symptoms of the oral mucosa due to the utilization of removable plastic prosthesis. A. V. Vysotskaia. Stomatologiia 35 no. 3:46-50 My-Je '56.

MUCUS

Studying cytogramms of nasal secretion on celluloid film. E. N. Simonovich. Voen.-med. zhur. no. 9:56-57 S '55.

MUKDEN, CHINA—CABLES

Shenyang cable factory. Nar. Kit. no. 12:31-32 Je '56.

MUKHINA, GALINA

Woman champion of the Soviet Union. A. Konkin. Kryl. rod. 7 no. 7:6-7 Jl '56.

MUKHINA, VERA IGNAT'EVNA

Legacy of an artist. Boris Polevoi. Ogonek 34 no. 32: 22-24 Ag '56.

MUKHTAR, ASKAD

"A call to life" [in Uzbek]. A. Mukhtar. Book review. Druzh. nar. no. 7:186-187 Jl '56.

MULBERRY

Residual effect of DDT and benzene hexachloride on mulberry leaves [in Armenian with summary in Russian]. R. M Samvelian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:81-87 Jl '56.

MUMPS

Epidemiological observations in epidemic parotitis. M. IA. Drukhl. Voen.-med. zhur. no. 9:61-63 S '51.

MUMPS VIRUS

Course of serous meningitis caused by the mumps virus and without clinical symptoms of parotitis. R. B. Sheidina, N. S. Kliachko. Vop. okh. mat. i det. 1 no. 1:56-60 Ja-F '56.

MUNICIPAL GOVERNMENT see subdivision under Leningrad

MUNICIPAL SERVICES see subdivision under Moscow

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MURAL PAINTING AND DECORATION see subdivision under Svanetia

MURGAB VALLEY—FRESH WATER FLORA

"Aquatic and littoral vegetation of the Murgab reservoirs." V. V. Nikitin, A. A. Meshcheriakov. Reviewed by Sh. I. Kogan. Bot. zhur. 41 no. 4:584-586 Ap '56.

MUSCLE

The alkali, alkaline earth metal, and iron content of the muscles of some Black Sea fishes and invertebrates. F. A. Kruchakova. Trudy Karad. biol. sta. no. 12:111-115 '52.

Biochemical processes in injured muscles. S. F. Epshtein, V. H. Smorodyns'ka. Ukr. biokhim. zhur. 28 no. 2:207-216 '56.

Copper, zinc, cadmium, and nickel content of muscles and tumors. V. I. Gorodyskii, I. V. Veselaia, O. N. Rostovtseva. Vop. med. khim. 2 no. 1:17-18 Ja-F '56.

Effect of the nervous system on the structure and functional stability of the muscle. R. G. Liudkovskaia. Trudy Inst. biol. fiz. no. 1:30-34 '55.

Electrophysiological data on the parabiosis of the muscle during contractions. L. N. Khaenko. Uch. zap. Len. un. no. 176:108-118 '54.

Isolation of two new crystalline protein fractions from rabbit-muscle plasma. E. T. Soreni, P. D. Dvornikova. Ukr. biokhim. zhur. 22 no. 2:127-134 '50.

Labile phosphorus compounds of muscles during the application and removal of a tourniquet. S. M. Manzon. Vop. med. khim. 2 no. 2:133-130 Mr-Ap '56.

Regeneration of skeletal muscular tissues in amphibians (frogs) following wound injections. N. N. Dampel'. Dokl. AN SSSR 108 no. 4:742-745 Je '56.

Some remarks concerning the physiological properties of nerves and muscles of the anodonta. S. M. Sverdlov. Biofizika 1 no. 4:313-318 '56.

MUSCLES

The "breaking-in" of the neuromuscular apparatus of warm-blooded animals. IU. IU. Menshykh. Fiziol. zhur. [Ukr.] 1 no. 2:103-107 Mr-Ap '55.

Changes in the capacity for muscular work in people of various ages during and after static work. O. F. Maksymova. Fiziol. zhur. [Ukr.] 1 no. 1:91-97 Ja-F '55.

Characteristics of active relaxation during dynamic work. I. M. Trakhtenborg, I. V. Savyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 1:76-82 Ja-F '55.

Effect of denervation on the intensity of oxidation in white and red muscles [with English summary in insert]. G. S. Sheves, V. I. Riumina. Biokhimiia 21 no. 3:385-388 My-Je '56.

Effect of vitamin P on the toxic effects of poisons of conjugated phosphorylation. E. V. Morova. Biul. eksp. biol. med. 42 no. 7:42-44 Jl '56.

Electric activity of the muscles of children with congenital spastic cerebral paralysis during spontaneous contractions and changes in this activity following a treatment with tropacin. S. I. Fudel'-Osypova, IE. P. Mezhenina. Fiziol. zhur. [Ukr.] 1 no. 2:7-14 Mr-Ap '55.

Features outlined by Vvedenskii as applied to the tonic activity of the motor apparatus. E. K. Zhukov. Uch. zap. Len. un. no. 176:86-107 '54.

Functional characteristics of glossal muscles. S. I. Kondrashov. Fiziol. zhur. [Ukr.] 1 no. 3:64-69 My-Je '55.

Rhythmic tremor of the skeletal muscle caused by thiol poisons. A. I. Podlesnaia. Biul. eksp. biol. med. 42 no. 7:44-48 Jl '56.

MUSCLES (Continued)
Thermostability of muscles in mussels and leeches in relation to the environment of the species [with English summary in insert]. B. P. Ushakov. Zool. zhur. 35 no. 7:953-964 Jl '56.

MUSCULAR DYSTROPHY see Dystrophy, Muscular

MUSEUMS see subdivision under Lvov

MUSEUMS AND SCHOOLS
Birth of a school museum. M. IA. Glushankov. Prep. ist. v shkole 11 no. 4:123-124 Jl-Ag '56.

MUSHROOMS
(see also subdivision under Moscow Province)
Growing mushrooms. N. A. Filatov. Mosk. kolkh. 5 no. 7:41-42 Jl '56.
Mushroom season. N. N. Galakhov. Priroda 45 no. 8: 125 Ag '56.
Organizing the production of mushrooms. N. A. Filatov. Mosk. kolkh. 5 no. 6:41-42 Je '56.

MUSHROOMS, POISONOUS
Poisonous mushrooms. N. Kharchenko, M. Bruk. Nauka i zhizn' 23 no. 8:29-30 Ag '56.

MUSIC
(see also subdivision under Canada; Komi A. S. S. R.; Siberia; Soviet Far East; United States; White Russia)
Brief news. Sov. muz. 20 no. 7:158-159 Jl '56.
Brief news. Sov. muz. 20 no. 8:157-159 Ag '56.
Notes on scores. Sov. muz. 20 no. 7:152-155 Jl '56.

MUSIC—ANALYSIS, APPRECIATION
Taste in music. Anatolii Novikov. Novyi mir 32 no. 6: 276 Je '56.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—DICTIONARIES
"Brief music dictionary." A. Dolzhanskii. Reviewed by B. Shteinpress. Sov. muz. 20 no. 7:146-149 Jl '56.

MUSIC—HISTORY AND CRITICISM
Akademiia nauk SSSR. Institut istorii i iskusstv. [History of Soviet Russian music] Istoriia russkoi sovetskoi muzyki. Moskva, Gos. muzykal'noe izd-vo. Vol. 1, (1917-1934). 1956. 328 p.
An answer to A. Medvedev. V. Shebalin. Sov. muz. 20 no. 7:41 Jl '56.
Does atonal music have a future. Marcel Rubin. Sov. muz. 20 no. 8:142-146 Ag '56.
Musical criticism. IU. Kremlev. Sov. muz. 20 no. 8: 33-40 Ag '56.
Sounds of the times. S. Konenkov. Sov. muz. 20 no. 7: 26-28 Jl '56.
Striking contrasts; a review. I. Nest'ev. Sov. muz. 20 no. 7:125-130 Jl '56.

MUSIC—INSTRUCTION AND STUDY see subdivision under Cherkassy

MUSIC—PERIODICALS
Discussion on "Sovetskaia muzyka." Sov. muz. 20 no. 7:46-54 Jl '56.
Discussion on the magazine "Sovetskaia muzyka" (conclusion). Sov. muz. 20 no. 8:41-59 Ag '56.

MUSIC, ARMENIAN see subdivision under Moscow

MUSIC, AZERBAIJANI
Notes on Azerbaijani symphonic music. D. Danilov. Sov. muz. 20 no. 8:18-23 Ag '56.

MUSIC, BALINESE
Music of Bali. R. Parker. Sov. muz. 20 no. 8:150-152 Ag '56.

MUSIC, CHINESE
New life, new songs. L. Tumashev. Sov. muz. 20 no. 7:134 Jl '56.

MUSIC, HUNGARIAN
Week of new Hungarian music. E. Tumarkina. Sov. muz. 20 no. 7:135 Jl '56.

MUSIC, INCIDENTAL
Music in a dramatic performance. F. Kaverin. Mol. estr. no. 4:151-158 '56.

MUSIC, POPULAR (SONGS, ETC.)
Light music and its performance. N. Minkh. Sov. muz. 20 no. 7:38-41 Jl '56.

MUSIC, RUSSIAN see subdivision under United States

MUSIC, TATAR
Reply to Kh. Kurbatov. Sov. muz. 20 no. 7:43-45 Jl '56.
Unjustified rebuke; a letter to the editor. Sov. muz. 20 no. 7:42-43 Jl '56.

MUSIC, URUGUAYAN
Performances by Uruguayan musicians. Sov. muz. 20 no. 7:105 Jl '56.

MUSIC, UZBEK
Uzbek music in 1955. T. Vyzgo. Zvezda Vost. 24 no. 6:120-127 Je '56.

MUSIC, YUGOSLAV see subdivision under Moscow

MUSIC FESTIVALS see subdivision under Ansbach, Germany; Prague

MUSICAL INSTRUMENTS AND APPARATUS
Stethophonendoscope. M. A. Ben'kovich. Voen.-med. zhur. no. 8:72-73 S '51.

MUSICAL NOTATION
Why and how? Pioner no. 6:66-67 Je '56.

MUSICAL REVENUE, COMEDY, ETC. see subdivision under Sverdlovsk

MUSICIANS, URUGUAYAN see subdivision under Moscow

MUSICOCALLISTHENICS
Callisthenics at the festival. Kul't.-pros. rab. 17 no. 8: 63-64 Ag '56.

MUSK DEER see subdivision under Altai Mountains

MUSKRATS see subdivision under Kara-Kalpak; Volyn Province

MUSORGSKII, MODEST PETROVICH, 1839-1881
"Aesopian speech" in Musorgskii's works. M. Pekelis. Sov. muz. 20 no. 7:75-80 Jl '56.

MUSSELS
(see also subdivision under Black Sea)
Some remarks concerning the physiological properties of nerves and muscles of the anodonta. S. M. Sverdlov. Biofizika 1 no. 4:313-318 '56.
Thermostability of muscles in mussels and leeches in relation to the environment of the species [with English summary in insert]. B. P. Ushakov. Zool. zhur. 35 no. 7:953-964 Jl '56.

MUSTARD
(see also subdivision under Stalingrad Province)
Mustard buffer strips are an effective measure for snow retention. M. N. Chernikov. Zemledelie 4 no. 7:104-105 Jl '56.

MYCOBACTERIUM TUBERCULOSIS
Effect of the tuberculosis antigen on the blood system of animals. Report no. 4: Reflex nature of the leukocytosis and of bone marrow reaction to administration of a BCG culture. M. D. Shkol'nikova. Biul. eksp. biol. med. 42 no. 7:25-30 Jl '56.

MYCOLOGY see Fungi; Medical mycology

MYCOSIS
Case of candidomycosis in an eleven-day old child. E. B. Voit. Vop. okh. mat. i det. 1 no. 2:77-82 Mr-Ap '56.

MYIASIS
Ophthalmomyiasis. I. V. Bugaeva. Oft. zhur. 11 no. 1: 59-60 '56.

MYKYTENKO, IVAN KINDRATOVYCH, 1897-
Notes about I. Mykytenko's dramatic works (conclusion). Iosyp Kysel'ov. Dnipro 30 no. 8:112-124 Ag '56.

MYOSIN
Role of complex compound formation in the radioresistance of myosin. A. M. Kuzin, E. G. Plyshevskaia. Biofizika 1 no. 2:141-142 '56.

MYRTACEAE
Some characteristics of setting and development of calistemon buds. K. IU. Odisharia. Soob. AN Gruz. SSR 17 no. 4:337-341 '56.

MYTHOLOGY, GEORGIAN
From Khevsurian mythology (the "wooden shovel") [in Georgian with summary in Russian]. T. A. Ochiauri. Mat. po etn. Gruz. no. 7:223-232 '55.

MYXEDEMA
Two cases of myxedema in one family. T. A. Prokudina. Vop. okh. mat. i det. 1 no. 4:93 Jl-Ag '56.

MYXOSPHORIDIA see subdivision under Tajikistan

NAGURSKI, JAN, 1888-
The first polar flier. IU. Gal'perin. Ogonek 34 no. 26: 25 Je '56.
Jan Nagurski in Moscow. Ogonek 34 no. 32:30 Ag '56.

NAILS AND SPIKES
Ways of controlling discards in nail manufacture. S. I. Dashevskii. Metallurg no. 6:34-35 Je '56.

NAIRI
"Ancient Eastern materials on the history of the peoples of Transcaucasia" [with English summary in insert]. G. A. Melikishvili. Reviewed by L. A. Lipin. Sov. vostokoved. no. 3:150-158 '56.

NAKHICHEVAN' A. S. S. R.—WEEDS
Materials for studying weeds in cereal crops of the Nakhichevan' A. S. S. R. Sh. G. Dadasheva. Trudy Inst. zeml. AN Azerb. SSR 3:113-125 '55.

NAKHIMOV, PAVEL STEPANOVICH, 1802-1855
Admiral P. S. Nakhimov's attention to naval medicine. V. I. Shestov. Voen.-med. zhur. no. 9:79-83 S '56.

NAKHODKA—DESCRIPTION
On the very shores of the Pacific. Sergei Roslyi. Dal'. Vost. 24 no. 3:138-143 My-Je '56.

NALCHIK—SNOW
Problems in the study and use of snow (conference in Nalchik). G. D. Rikhter. Vest. AN SSSR 26 no. 7:86-87 Jl '56.

NAMES, GEOGRAPHICAL
(see also subdivision under Belgium; Leningrad)
"Glossary of Russian transcriptions of geographic names. Part 1: Geographic names in the U. S. S. R." M. B. Volostnova. Reviewed by P. Terekhov. Geog. v shkole 19 no. 3:75 My-Je '56.
Origin of geographic names. E. M. Murzaev. Priroda 45 no. 7:39-46 Jl '56.

NANUR, BELGIUM—CYBERNETICS—CONGRESSES
The International Congress on Cybernetics. V. Il'in. Nov. vrem. 14 no. 33:26-28 Ag '56.

NAPHTHALENE
Causes of emulsion formation in naphthalene oil. A. E. Eidel'man, A. M. Kaznacheev. Koks i khim. no. 4: 53-54 '56.
Polarographic determination of naphthalene in the form of α-nitronaphthalene. V. D. Nezuglyi, N. D. Ogdanets. Trudy Kom. anal. khim. 7:149-154 '56.
Removal of gas from naphthalene by washing ("Rijen." 35 no. 10 1955). Koks i khim. no. 4:65 '56.

NAPHTHALIC ACID
Oxidation of acenaphthene in sulfuric acid to naphthalic acid. A. P. Karlshin, T. P. Fedorenko. Zhur. prikl. khim. 29 no. 6:955 Je '56.

NAPHTHENES
Alumosulfonaphthene compound as a frothing agent for cellular concretes. L. M. Rozenfel'd, A. T. Baranov. Rats. i izobr. predl. v stroi. no. 137:24 '56.
Naphthenic hydrocarbons contained in the high-boiling fractions of petroleum. L. G. Zherdeva, V. A. Potanina, B. B. Krol'. Khim. i tekh. topl. no. 2:13-23 F '56.

NAPHTHYLAMINE—SPECTRA
Polarization spectra of some naphthylamines and polyenes. N. D. Zhevandrov. Izv. AN SSSR. Ser. fiz. 20 no. 5:570-573 My '56.

NAPLES—PHYSICAL EDUCATION AND TRAINING—CONGRESSES
Congress on physical education and sports in Naples. I. N. Petukhov. Teor. i prak. fiz. kul't. 19 no. 7:551-553 Jl '56.

NARCOTICS
Effect of cortical stimulants and narcotics on the protein fractions of blood serum. A. M. Makhlina. Uch. zap. Len. un. no. 170:218-234 '54.
Effect of narcotics on renal circulation in healthy dogs and in dogs with experimental hypertension. Z. T. Samoilova. Biul. eksp. biol. med. 41 no. 6:45-48 Je '56.
Effect of narcotics on the change of conditioned reflex activity in dogs during analgesia. T. G. Mulikova. Dokl. AN Azerb. SSR 12 no. 5:341-345 '56.
Effects of various narcotics on the development of toxic pulmonary edema induced by ammonium chloride. IU. I. Vikhliaev, N. I. Losev, I. M. Shapiro. Biul. eksp. biol. med. 41 no. 6:42-45 Je '56.

NARIMANOV, NARIMAN, 1872?-1925
Nariman Narimanov, an outstanding writer and realist. Mir Dzhalal. Lit. Azerb. 14 no. 6:80-86 Je '56.

NASIR IBN KHUSRAU, ABU MU'IN, 1003-1088
Nasir ibn Khusrau and his views on poetry. E. E. Bertel's. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 4: 139-153 '53.
Some data on the scientific and philosophical views of Nasir ibn Khusrau. A. Edel'man. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 4:155-150 '53.

NASSER, GAMAL ABDUL see Abdal-Nasir, Jamal, 1918

NATIONAL CHARACTERISTICS, AMERICAN
No, M. Cartier, we are not hostile to Americans! Claude Roy. V zashch. mira no. 30:21-24 My '56.

NATIONAL DANCES see Dancing—Folk and national dances

NATIONALITIES
(see also subdivision under China)
"Basic revision" of Soviet historiography on the nationalities question. P. K. Urban. Obz. vazhn. sob. v SSSR 3 no. 94:19-28 Je '56.

NATIONALIZATION OF LAND see Land, Nationalization of

NATURAL GAS see Gas, Natural

NATURAL HISTORY see subdivision under Donets Basin; Usuri region

NATURAL HISTORY—STUDY AND TEACHING
"Outline history of natural science (teaching in Russia. I. K. Shul'ha. Reviewed by N. M. Mazurmovych. Rad. shk. 35 no. 7:52-53 Jl '56.

NATURAL RESOURCES see subdivision under Siberia; Soviet Far East; TSaidam Basin, China; Ural Mountain region

NATURAL SCIENCE see Science

NATURE, ACOUSTIC PHENOMENA IN see Acoustic phenomena in nature

NATURE PHOTOGRAPHY
Marvels of the microcosm. V. Uortman. Mol. mira no. 4:14-15 '56.

NATURE STUDY
(see also subdivision under Malaza Valley; Moscow Province)
Aid to children in the study of nature. Sem'ia i shkola 11 no. 6:13-14 Je '56.
Autumn in the forest. Z. D. Sizenko. Doshk. vosp. 20 no. 8:33-39 Ag '56.
The bank of young naturalists' experience. IUn. nat. no. 4:6-7 Jl '56.
Calendar of nature; May. N. N. Plavil'shchikov. IUn. nat. no. 1:28 Ap '56.
Calendar of nature; September. N. N. Plavil'shchikov. IUn. nat. no. 5:35-37 Ag '56.
Children's work in nature. E. F. Vikhreva. Doshk. vosp. 20 no. 7:26-28 Jl '56.
December. E. Rubtsova. Pioner no. 12:72-73 D '53.
Dozens of interesting activities. T. Safonova. Vozhatyi 32 no. 7:19-20 Jl '56.
Educational games with plants for children. E. B. Gennings. Doshk. vosp. 20 no. 7:37-39 Jl '56.
Expediency in nature. I. T. Frolov. Nauka i zhizn' 23 no. 8:42-45 Ag '56.
Familiarizing children with nature during the autumn. Doshk. vosp. 20 no. 8:39-43 Ag '56.
Nature calendar; August. N. N. Plavil'shchikov. IUn. nat. no. 4:13 Jl '56.
The plentiful harvest is ripening. V. Ramanenka. Biarozka 32 no. 7:30 Jl '56.
That is impossible to forget. A. Lamerov. IUn. nat. no. 5:1-3 Ag '56.
We are friends of nature. IUn. nat. no. 5:14-17 Ag '56.
With young geographers. V. Lobodov. Vozhatyi 32 no. 7:21 Jl '56.

NATURE STUDY—PERIODICALS
The periodical "IUnyi naturalist." V. F. Shainov. Est. v shkole no. 4:95-96 Jl-Ag '56.

NAVAL ARCHITECTURE
The steamship. "I. Sechenov." Sudostroenie 22 no. 6: 7-8 Je '56.

NAVAL ART AND SCIENCE
Painstaking work. A. Syropiatov. Sov. mor. 16 no. 8:15 Ap '56.

NAVAL EDUCATION
(see also subdivision under Bulgaria)
Independent watch. K. Gotovanov. Sov. mor. no. 5:6 Mr '56.

NAVAL HYGIENE
Important divisions of special training for field and naval surgeons in problems of sanitation and epidemic prevention. V. E. Korostelev. Voen.-med. zhur. no. 3:42-45 Mr. '56.

NAVAL MEDICINE see Medicine, Naval

NAVAL OPERATIONS
Truth about the "ice campaign" ("The ice campaign of the Baltic Fleet in 1918." N. S. Krovlakova. Reviewed by A. Zonin). Nova no. 7:179-180 Jl '56.

NAVIES see subdivision 'Navy' under Netherlands; Norway; Russia; United States

NAVIGATION see subdivision under Angara River; Volga River

NEAR EAST—DEFENSES
Three-sided Defense Agreement of Egypt, Saudi Arabia, and Yemen. Mezhdunar. zhizn' no. 8:157-159 Ag '56.

NEAR EAST—DRAINAGE
Development of irrigation and improvement of lands in the Near East countries. L. V. Dunin-Barkovskii. Gidr. i mel. 8 no. 7:53-60 Jl '56.

NEAR EAST—ECONOMIC CONDITIONS
"Economic development of the Middle East from 1945 through 1954" [in French]. Reviewed by A. P. Oroshnikov. Sov. vostokoved. no. 3:179-182 '56.

NEAR EAST—FOREIGN RELATIONS—RUSSIA
A goodwill mission. Nov. vrem. 14 no. 28(1-2 Jl '56.
The Soviet Union and the Near East. Kommentator. Mezhdunar. zhizn no. 7:26-32 Jl '56.

NEAR EAST—HISTORY
Influence of the Russian Revolution of 1905-1907 on the countries of the Near and Middle East (in Azerbaijani with summary in Russian). Z. Z. Abdullaev. Trudy Inst. ist. i filos. AN Azerb. SSR 10:235-265 '55

NEAR EAST—IRRIGATION
Development of irrigation and improvement of lands in the Near East countries. L. V. Dunin-Barkovskii. Gidr. i mel. 8 no. 7:53-60 Jl '56.

NEAR EAST—PIPELINES
Complicated mechanics; economic notes. G. Mirskii. Nov. vrem. 14 no. 26:31-32 Je '56.

NEAR EAST—POLITICS
Peoples of Arab countries in the struggle for freedom and independence. S. Belinkov. Blok. agit. no. 25:39-44 S '56.

NEAR EAST—YOUTH
Traveler's notes. Karim. Mol. mira no. 5:22-23 '56.

NEBIT-DAG—BENZENE DERIVATIVES
Individual hydrocarbons of the benzene group produced from western Nebit-Dag (Akchagyl stage) petroleum. A. V. Topchiev and others. Khim. i tekh. topl. no. 2:9-13 F '56.

NEBULAE
Characteristics of dark nebulae. D. Sh. Khavtasi. Soob. AN Gruz. SSR 17 no. 4:309-316 '56.

NEDOGONOV, ALEKSEI IVANOVICH, 1914-
Stylistic traits of the author and characters in A. Nedogonov's poem "Flag above a village soviet." V. I. Petrovskii. Vop. iaz. (Lvov) 1:86-107 '55.
Vocabulary of the Al. Nedogonov's poem "Banner over a rural Soviet." V. I. Petrovskii. Dop. ta pov. L'viv. un. no. 3, pt. 1:17-18 '52.

NEGROES—EDUCATION see subdivision under United States

NEHRU, JAWAHARLAL, 1889-
"An autobiography" [with English summary in insert]. Jawaharlal Nehru. Reviewed by A. A. Pronin. Sov. vostokoved. no. 2:158-163 '56.
Conversations with Nehru. Tibor Mende. V zashch. mira no. 61:23-27 Je '56.
Two books about India ("Discovery of India," and Autobiography. Jawaharlal Nehru. Reviewed by N. Klimenko). Dal'. Vost. 24 no. 2:178-180 Mr-Ap '56.

NEKALS
Nekal as a frothing agent for cellular concretes. I. A. Arshinov. Rats. i izobr. predl. v stroi. no. 137:20-21 '56.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877
Piakhotishina, V. T. [Nekrasov's poem "Who can be happy and free in Russia?"] Poema Nekrasova "Komu na Rusi zhit' khorosho," [Kiev] Izd-vo Kievskogo gos. univ. im. T. G. Shevchenko, 1956. 153 p.
"Seminar on Nekrasov." M. M. Gin, V. E. Evgen'ev-Maksimov. Reviewed by M. V. Teplinskii. Lit. v shkole 17 no. 4:86-88 Jl-Ag '56.

NELSON, STEVE, 1903-
The thirteenth juror. Steve Nelson. Inostr. lit. no. 7: 220-244 Jl '56.

NEMAN RIVER—FISHES
Species of fish in the White Russian sector of the Neman. P. I. Zhukau. Vestsi AN BSSR Ser. biial. nav. no. 1:97-107 '56.

NEMATODA
(see also subdivision under Ivankov District)
Etiology and pathogenesis of gastroenteric colics in horses. R. S. Chebotar'ov. Trudy Inst. zool. AN URSR 8:18-26 '52.
Fatal cases of setariosis in horses. R. S. Chebotar'ov. Trudy Inst. zool. AN URSR 8:31-35 '52.
International conference on nematode diseases of plants and excursions in the Netherlands. M. V. Gorlenko. Bot. zhur. 41 no. 4:611-615 Ap '56.
Materials on the pathogenesis of haemonchosis in sheep. V. N. Nekliudov, D. V. Boikhovitinov, Z. F. Sominskii. Veterinariia 33 no. 7:66-69 Jl '56.
Vertical and horizontal migration of the larvae of horse strongyloids. R. S. Chebotar'ov, O. P. Kulakiva'ka. Trudy Inst. zool. AN URSR 8:27-30 '52.

NEMATODA—PERIODICALS
New international journal, "Nematologica." Reviewed by P. A. Polozhentsev, A. K. Artiukhovskii. Zool. zhur. 35 no. 7:1111-1112 Jl '56.

NEOARSPHENAMINE
Use of methionine for the prevention of complications in the treatment with novarsenol. A. V. Azlavchik, T. V. Vasil'ev. Vop. med. khim. 2 no. 2:115-121 Mr-Ap '56.

NEPAL—CHILDREN
Children in Nepal; reportage. P. Sharma. Sov. zhen. 12 no. 8:38-39 Ag '56.

NEPHELINE
Considering conditions of formation of high-grade nephelitic rock of the alkali intrusive Tezhsareskiy massif. B. S. Vartapetian. Nauch. trudy Erev. un. 52:115-122 '55.
More efficient production of nepheline concentrate. A. T. IAskevich and others. Prom. energ. 11 no. 5:25 My '56.

NERVES
Changes in the volumetric and elastic properties of the nerve during the conduction of excitation and their connection with bioelectric potentials. L. P. Kaiushin, R. G. Liudkovskaia. Trudy Inst. biol. fiz. no. 1:40-49 '55.
Effect of constant magnetic fields on the nerve. G. M. Erdman. Trudy Inst. biol. fiz. no. 1:35-39 '55.
Preliminary data with regard to fluorescence microscopy of neurons. D. D. Ivanov. Biofizika 1 no. 4:391-395 '56.
Some remarks concerning the physiological properties of nerves and muscles of the anodonta. S. M. Sverdlov. Biofizika 1 no. 4:313-318 '56.

NERVOUS SYSTEM
Cathodic threshold parabiosis of a peripheral nerve depending on the functional state of the central nervous system. L. L. Vasil'ev, E. T. Gai'vas. Uch. zap. Len. un. no. 176:136-154 '54.
Central and peripheral interrelationships in radiation sickness. M. N. Livanov. Med. rad. 1 no. 1:10-27 Ja-F '56.
Changes in the rate of blood flow under the influence of neurotropic substances. F. E. Gullaeva. Terap. arkh. 28 no. 4:41-44 '56.
Characteristic features of aseptic inflammation in various conditions of the nervous system. E. D. Bromberg. Fiziol. zhur. [Ukr.] 1 no. 2:117-125 Mr-Ap '55.
Coordinating conference on biochemistry of the nervous system. IA. V. Bielik. Ukr. biokhim. zhur. 28 no. 2: 248-249 '56.
Dynamics of reflex transformation in the excitability and lability of human analysers. P. O. Makarov. Uch. zap. Len. un. no. 176:207-318 '54.
The effect of B-mercaptoethylamine (beceptan) on blood circulation and some functions of the central nervous system. I. I. Baryshnikov, V. I. Generalov, E. A. Mukhin. Farm. i toks. 19 no. 3:53-59 My-Je '56.
Effect of brief inhibition and excitation of the central nervous system on the immunologic reactivity of the system with relation to a cancer antigen. I. N. Maiskii, G. V. Suvorova. Biul. eksp. biol. med. 41 no. 6:49-50 Je '56.
Effect of rectolinear impulses of rectified current on the central nervous system in dogs. M. D. Sletsenko. Fiziol. zhur. [Ukr.] 1 no. 2:30-37 Mr-Ap '55.
Effect of temperature on the excitability of peripheral nerves in cold-blooded and warm-blooded animals (reptiles, birds). D. N. Nasonov, I. P. Suzdal'skaia. Biofizika 1 no. 4:305-312 '56.
Effect of the inhibition and excitation of the central nervous system on the protein fractions of blood serum. Z. TS. Vainberg. Ukr. biokhim. zhur. 28 no. 2:158-163 '56.
Effect of the nervous system on the structure and functional stability of the muscle. R. G. Liudkovskaia. Trudy Inst. biol. fiz. no. 1:30-34 '55.
Evolutionary physiology of the nervous system; conference in Leningrad. A. I. Karamian. Vest. AN SSSR 26 no. 8:119-122 Ag '56.
N. E. Vvedenskii. I. A. Vetlukov, K. S. Tochilov. Uch. zap. Len. un. no. 176:3-27 '54.
Phospholipides in the nervous system. E. M. Kreps. Usp. sovr. biol. 41 no. 3:261-283 My-Je '56.
Regeneration of lost functions. A. V. Napalkov. Est. v shkole no. 4:17-20 Jl-Ag '56.
Relation between the functional state of nerve centers and the restorative action of active relaxation. I. V. Muravov. Fiziol. zhur. [Ukr.] 1 no. 1:83-90 Ja-F '55.
Remarks on the article by D. E. Rozenblium on "Main problems in acceleration physiology" and by G. L. Komendantov on "Controversial problems in the field of acceleration physiology." A. P. Popov. Voen.-med. zhur. no. 6:85-91 Je '56.
Resolution of the scientific session of the Academy of Sciences of the U. S. S. R. and of the Academy of Medical Sciences of the U. S. S. R. devoted to problems of Academician I. P. Pavlov's physiological teachings. Ukr. biokhim. zhur. 22 no. 2:119-126 '50.
Role of negative induction in the treatment of chronic gastritis and functional gastric disorders. V. A. Ievlev. Voen.-med. zhur. no. 3:66 Mr '56.
Significance of N. E. Vvedenskii's theories in medicine. L. L. Vasil'ev. Uch. zap. Len. un. no. 176:55-67 '54.
Some features of parabiosis of the central nervous system. A. N. Magnitskii. Uch. zap. Len. un. no. 176:155-163 '54.
Some features of the dynamics of central nervous processes in stenographers using different work methods. V. S. Vorob'eva. Uch. zap. Len. un. no. 176:333-357 '54.
Vascular reactions in disorders of coronary blood circulation. R. M. Zaslavskaia. Terap. arkh. 28 no. 4:28-36 '56.

NERVOUS SYSTEM—DISEASES

Clinical aspects of nervous disturbances in poliomyelitis. F. N. Stepanov, V. N. Komiakhina, IU. A. IAkunin. Vop. okh. mat. i det. 1 no. 1:14-20 Ja-F '56.

Effect of ultrahigh-frequency therapy on the functional state of the nervous system in hypertension. L. I. Fisher. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2: 35-41 Ap-Je '56.

Methods for studying conditioned and unconditioned reflex activity in patients with nervous and psychic diseases. N. M. Shcherbakov, K. V. Moskeli. Uch. zap. Len. un. no. 176:290-296 '54.

Morphological changes in the central nervous system in various forms of dysentery in children. L. O. Vishnevetskaia. Vop. okh. mat. i det. 1 no. 2:45-53 Mr-Ap '56.

Pruritic paresthesia in focal lesions of the nervous system. L. G. Erokhina. Zhur. nevr. i psikh. 56 no. 7:543-547 '56.

Significance of sleep in connection with diseases of the nervous system. IA. M. Kraevskii. Priroda 45 no. 7:24-30 Jl '56.

Studying unconditioned vascular reflexes in patients with symptoms of narcolepsy. P. B. IAnchenko, M. S. Bychkov, D. L. Dligach. Voen.-med. zhur. no. 9:71-72 S '55.

NERVOUS SYSTEM—PROTOCHORDATA

Materials on the evolution of functions of the nervous system (Phoronidea, Enteropneusta, Ascidia). Kh. S. Koshtoiants. Usp. sovr. biol. 41 no. 3:306-320 My-Je '56.

NERVOUS SYSTEM—SURGERY
(see also subdivision under Ukraine)

Present-day problems in neurosurgery. N. M. Vlazemskii. Vest. AMN SSSR 11 no. 3:81-83 '56.

NERVOUS SYSTEM—WOUNDS AND INJURIES

Combined lesions of the nervous system in atomic explosions. V. A. Baranov. Voen.-med. zhur. no. 4:21-26 Ap '56.

NERVOUS SYSTEM, AUTONOMIC

Comparative effect of a new synthetic derivative of pentamethonium on ganglionic synapses. M. L. Tarakhovs'kyi, T. L. Nevs'ka. Fiziol. zhur. [Ukr.] 1 no. 2: 15-20 Mr-Ap '55.

Galvanometric investigation of vegetative asymmetry. L. A. Korotkov. Zhur. nevr. i psikh. 56 no. 7:548-551 '56.

NERVOUS SYSTEM, AUTONOMIC—DISEASES

Certain vegetative functions following gastric resection. E. A. Sanamian. Zhur. nevr. i psikh. 56 no. 7:540-542 '56.

NERVOUS SYSTEM, SYMPATHETIC

The effect of dihydrospherophysin on the cardiovascular system and on the autonomic ganglia. E. A. Mukhin. Farm. i toks. 19 no. 3:16-21 My-Je '56.

The effect of ganglioplegics on the functional mobility of the superior cervical ganglion. D. A. Kharkevich. Farm. i toks. 19 no. 3:3-9 My-Je '56.

Significance of the dionine test as an index of vegetative asymmetry in organic lesions of the nervous system. I. A. Soustina. Zhur. nevr. i psikh. 56 no. 7:552-554 '56.

NERVOUS SYSTEM, VASOMOTOR

Central neural regulation of vascular tonus; survey of literature. M. A. Kondratovych. Fiziol. zhur. [Ukr.] 1 no. 1:126-133 Ja-F '55.

Dynamics of vascular reflex reactions in cases of thyrotoxicosis treated by conservative and surgical methods. Z. S. Barkagan, IA. V. Ermulovich. Dokl. AN Tadzh. SSR no. 14:59-64 '55.

Functional mechanism of the vasomotor center. E. N. Antipenko. Uch. zap. Len. un. no. 176:189-202 '54.

NESTEROV, MIKHAIL VASIL'EVICH, 1862-1942

M. V. Nesterov. G. Zhidkov. Ogonek 25 no. 48:24b N '47.

NESTORIANS

Church of the Syro-Chaldeans. N. Murav'ev. Zhur. Mosk. Patr. no. 4:66-70 Ap '56.

NETHERLANDS—CATTLE BREEDING

Breeding work in Holland. R. B. Davidov. Nauka i pered. op. v sel'khoz. no. 6:93-94 Je '56.

NETHERLANDS—DESCRIPTION AND TRAVEL

In Holland; a tourist's notes. V. Lomova. Ogonek 34 no. 28:28-29 Jl '56.

Journey to "the land of oddities." R. Izmailova. Pioner no. 7:63-67 Jl '56.

NETHERLANDS—ELECTIONS

Elections in Holland. Mezhdunar. zhizn' no. 7:127-128 Jl '56.

NETHERLANDS—FOREIGN ECONOMIC RELATIONS—INDONESIA

It isn't an emotional act. Nov. vrem. 14 no. 35:17 Ag '56.

NETHERLANDS—HORTICULTURE

Horticulture in Holland. S. A. Penionzhek. Sad. vin. Mold. 11 no. 3:32-33 My-Je '56.

NETHERLANDS—NAVY

Dutch squadron in Leningrad. K. Cherevkov. Ogonek 34 no. 31:8 Jl '56.

NETHERLANDS—RELATIONS (GENERAL) WITH RUSSIA

Dutch squadron in Leningrad. K. Cherevkov. Ogonek 34 no. 31:8 Jl '56.

NETHERLANDS—SHORE PROTECTION

Reinforcing bank slopes with concrete panels. (From "Concrete building and concrete products," no. 9, 1955). Rech. transp. 15 no. 6:3 of cover Je '56.

NETHERLANDS—TELEPHONE, AUTOMATIC

Automatic systems for rural communications in the Netherlands. Elektrosviaz' 10 no. 6:77 Ag '56.

NETHERLANDS—VETERINARY MEDICINE

Veterinary measures in animal husbandry in Holland. I. Nazarenko. Veterinariia 33 no. 6:89 Ag '56.

NEURALGIA

Intercostal neuralgia and its treatment. R. G. Bushmich. Fel'd. i akush. 21 no. 6:3-6 Je '56.

Treating some paresthetic forms of neuralgia at the Sochi-Matsesta health resort. V. L. Kachaev. Voen.-med. zhur. no. 6:56-59 Je '56.

NEURALGIA, FACIAL

Treatment of trigeminal neuralgia with intravenous bromine injections. S. O. Nesvizhskii. Stomatologiia 35 no. 3:19-22 My-Je '56.

NEUROSES

Obsessive states in neuroses. S. N. Dotsenko. Zhur. nevr. i psikh. 56 no. 7:531-535 '56.

Physiological principles of the genesis of neurotic conditions. P. K. Anokhin. Zhur. nevr. i psikh. 56 no. 7:521-531 '56.

NEUROSURGERY see Nervous system—Surgery

NEUTRALITY

Neutralism is not neutrality. Gilles Martinet. V zashch. mira no. 62/63:43-47 Jl-Ag '56.

Washington and the neutrality problem. I. Ermashev. Nov. vrem. 14 no. 31:3-7 Jl '56.

Works of Finnish lawyers on international law ("The present law of war and neutrality" [in English], E. Castrén; "The sovereignty of states" [in French]. Tauno Suontausta. Reviewed by K. V. Malakhovskii and V. S. Nesterov). Sov. gos. i pravo no. 5:143-146 '56.

NEUTRONS

Measuring neutron moderation by water in the interval of 1, 46--0, 025 ev energies. L. M. Barkov, V. K. Makar'in, K. N. Mukhin. Atom. energ. no. 3:33-39 '56.

Moderation of fission neutrons by uranium-water lattices. L. M. Barkov, A. P. Venediktov, K. N. Mukhin. Atom. energ. no. 3:40-44 '56.

Moderation of fission neutrons by water. L. M. Barkov, K. N. Mukhin. Atom. energ. no. 3:31-32 '56.

On the number of neutrons emitted by $Pu^{239}$ in a fission process induced by thermal and epithermal neutrons. V. I. Kalashnikova and others. Atom. energ. no. 3:11-12 '56.

Photoneutron yields from intermediate and heavy nuclei. B. I. Gavrilov, L. E. Lazareva. Zhur. eksp. i teor. fiz. 30 no. 5:855-861 My '56.

Salam and Polkinkhorne' systematics and the neutron charge hypothesis. IA. P. Terletskii. Dokl. AN SSSR 108 no. 2:236-238 My '56.

NEUTRONS—CAPTURE

Average number of neutrons $\nu_{eff}$ emitted by $U^{233}$, $U^{235}$ and $Pu^{239}$ in the capture of 30--900 Kev energy neutrons. P. E. Spivak and others. Atom. energ. no. 3:21-26 '56.

Determining the average number of neutrons $\nu_{eff}$ emitted in a single capture event of $U^{233}$, $U^{235}$, and $Pu^{239}$ isotopes in the epithermal neutron energy zone. P. E. Spivak and others. Atom. energ. no. 3:13-20 '56.

Measuring the average number of neutrons emitted per single capture, $\nu_{eff}$ for $Pu^{239}$ specimens with $Pu^{240}$ admixture and the effective resonance capture integral of $Pu^{240}$. B. G. Erozolimskii and others. Atom. energ. no. 3:27-30 '56.

Nuclear capture of neutrons with an energy of several Mev. V. L. Gurevich. Zhur. eksp. i teor. fiz. 30 no. 5: 961-962 My '56.

NEUTRONS—SCATTERING

Neutron scattering in para- and ortho-hydrogen. S. I. Drozdov. Atom. energ. no. 3:50-55 '56.

Scattering of slow neutrons by water molecules. A. F. Gorlunov. Atom. energ. no. 3:45-49 '56.

NEUTRONS—SPECTRA

Spectra of neutrons produced by bombarding light nuclei with 14 Mev deuterons. G. F. Bogdanov and others. Zhur. eksp. i teor. fiz. 30 no. 5:981-983 My '56.

NEVEL'SKOI, GENNADII IVANOVICH, 1813-1876—FICTION

Captain Nevel'skoi; a novel (to be continued). Nikolai Zadornov. Dal'. Vost. 24 no. 3:3-93 My-Je '56.

NEW TRIALS

Review of sentences based on new evidence. I. B. Sternik. Sov. gos. i pravo no. 5:122-124 '56.

NEW YORK (CITY)—TRAFFIC ENGINEERING

Visiting New York builders. N. Baranov. Nov. vrem. 14 no. 32:25-26 Ag '56.

NEW YORK (STATE)—HOUSING

Visiting New York builders. N. Baranov. Nov. vrem. 14 no. 32:25-26 Ag '56.

NEW YORK STOCK EXCHANGE

The New York Stock Market and economic conditions in the U. S. Mezhdunar. zhizn' no. 7:122-123 Jl '56.

NEWERLY, IGOR, 1903-

With a feeling for historical perspective ("Under the Phrygian Star" [in Polish]. Igor Newerly. Reviewed by N. Tolchenova). Inostr. lit. no. 7:189-193 Jl '56.

NEWS BROADCASTS see Radio journalism

NEWSPAPER AND PERIODICAL CIRCULATION
(see also subdivision under Ashkhabad; Bashkiria; Cherkassy; Daghestan; Dnepropetrovsk Province; Frunze Province; Ivanovo Province; Kadom District; Khmel'nitskiy Province; Kirovograd Province; Kolomyya; Leningrad; Lvov Province; Magadan Province; Moscow; Polotsk District; Ryazan; Stanislav Province; Tajikistan; T'Skhaltubo; Velikiye Luki; Vinnitsa Province; Voronezh Province)

Analyzing subscriptions to newspapers and periodicals in a given district. P. Bakhtalin. Raspr. pech. no. 7: 14 Jl '56.

Brief news. Raspr. pech. no. 7:3 of cover Jl '56.

Brief notes. Raspr. pech. no. 8:3 of cover Ag '56.

The Central Retail Office and centers for direct routing of orders. S. Volodin. Raspr. pech. no. 8:14-15 Ag '56.

Demand for publications of the People's Democracies is increasing. V. Moshnin. Raspr. pech. no. 7:4 Jl '56.

Disseminate printed matter skilfully. L. Borisov. Raspr. pech. no. 8:0 Ag '56.

Follow-up of our publications. Raspr. pech. no. 8:0 Ag '56.

Getting acquainted with plans of the republic sections. B. Ludmer. Raspr. pech. no. 8:6-7 Ag '56.

In our workshop. V. Tarasenko. Raspr. pech. no. 7:12 Jl '56.

In the Union republics. Raspr. pech. no. 7:24 Jl '56.

Manner of management. M. Novokhatskii. Raspr. pech. no. 8:17-19 Ag '56.

No changes on the Volga waterway. I. Varzanov. Raspr. pech. no. 7:9 Jl '56.

Practical advice for making the plan for 1957. P. Petrov. Raspr. pech. no. 7:22-24 Jl '56.

Prepare rural communication workers. A. IAkovlev. Raspr. pech. no. 8:5 Ag '56.

Prepare the subscription campaign for 1957 in an exemplary way and conduct it successfully. Raspr. pech. no. 8:1-3 Ag '56.

Publications of our friends. Raspr. pech. no. 7:1 Jl '56.

Put an end to bad management. M. Bogdanov. Raspr. pech. no. 8:24 Ag '56.

Some practical problems of the subscription campaign. K. Kuvshinov. Raspr. pech. no. 8:4-5 Ag '56.

We are waiting for an annotated catalog. S. Semin. Raspr. pech. no. 8:8 Ag '56.

NEWSPAPER AND PERIODICAL CIRCULATION—ACCOUNTING

Procedure for the accumulation and expenditure of the director's fund. P. Petrov. Raspr. pech. no. 8:23-24 Ag '56.

NEWSPAPERS

Work with newspapers and magazines in the library; consultation. R. Landa. Sots. kul't. 9 no. 6:36-37 Je '56.

NEWSPAPERS, AMERICAN see American newspapers

NEWSPAPERS, ARGENTINE see Argentine newspapers

NEWSPAPERS, CHINESE see Chinese newspapers

NEWSPAPERS, ENGLISH see English newspapers

NEWSPAPERS, FRENCH see French newspapers

NEWSPAPERS, KAZAKH see Kazakh newspapers

NEWSPAPERS, RUSSIAN see Russian newspapers

NEZHIN—TECHNICAL EDUCATION

Connection between teaching physics and job training. O. I. Kozakova. Rad. shk. 35 no. 8:22-25 Ag '56.

NEZHIN DISTRICT—AFFORESTATION
Work practice of the E. E. Priadko crew (Nezhin Working Circle). I. P. Dorokhov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:127-128 '54.

NEZVISKO—EXCAVATIONS (ARCHAEOLOGY)
Multistrata settlement near the village of Nezvisko on the Dnieper. E. K. Chernysh. Krat. soob. IIMK no. 63:48-56 '56.

NICKEL
Application of qualitative reactions to the colorimetric determination of copper and nickel. M. M. Raines, IU. A. Larionov. Trudy Kom. anal. khim. 7:295-299 '56.
Polarization in the electro-crystallization of nickel from aqueous alcohol $NiCl_2$ solutions (with English summary in insert). S. V. Gorbachev, IU. N. IUrkevich. Zhur. fiz. khim. 30 no. 4:922-927 Ap '56.
Polarographic determination of nickel and cobalt ions in absolute ethyl alcohol. IA. I. Turian, G. E. Teper, L. F. Redchenko. Trudy Kom. anal. khim. 7:162-169 '56.

NICKEL—ELECTROMETALLURGY
Improving electrolytic nickel refining processes. V. N. Rozov. TSvet. met. 29 no. 6:18-23 Je '56.

NICKEL—METALLURGY
Deoxidation or alloying. N. S. Severgin. TSvet. met. 29 no. 6:61-64 Je '56.

NICKEL-ALUMINUM-IRON ALLOYS see Iron-nickel-aluminum alloys

NICKEL-CHROMIUM-TITANIUM ALLOYS
Composition and heat resistance for Ni-Cr-Ti ternary system alloys. I. I. Kornilov, L. I. Prikhina. Izv. AN SSSR. Otd. tekh. nauk no. 7:103-110 Jl '56.

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL-PALLADIUM-COBALT ALLOYS see Palladium-cobalt-nickel alloys

NICOTINE
Effect of nicotine on experimental atherosclerosis. K. K. Maslova. Biul. eksp. biol. med. 41 no. 6:20-23 Je '56.
Electrophysiological investigations of the mechanism of chemoreception. Report no. 1: Modification of afferent impulse conduction in intestinal nerves following chemical irritation of receptors by nicotine and acetylcholine. N. A. Anikina. Biul. eksp. biol. med. 42 no. 7:8-13 Jl '56.

NICOTINIC ACID
Effect of nicotinic acid on the glycemic curve of healthy and of some sick persons. I. S. Roitzman, IE. H. Burshtein. Ukr. biokhim. zhur. 22 no. 2:197-204 '50.
Nicotinic acid for treating Botkin's disease. N. V. Iunina. Voen.-med. zhur. no. 6:41-43 Je '51.

NIKITIN, VASILII PETROVICH, 1893-1956
Academician V. P. Nikitin; an obituary. Svar. proizv. no. 6:29 Je '56.
Academician Vasilii Petrovich Nikitin; obituary. Elektrichestvo no. 6:94 Je '56.
Academician Vasilii Petrovich Nikitin; obituary. Izv. AN SSSR. Otd. tekh. nauk no. 6:176 Je '56.

NIKODIM, Monk, ca. 1749-1809
Monk Nikodim Sviatogoretz. I. Khiharin. Zhur. Mosk. Patr. no. 5:37-43 My '56.

NIKOLAI, Metropolitan of Krutitsk and Kolomna
In Norway. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 4:22-25 Ap '56.
"Sermons and addresses," vol. 3. Metropolitan Nikolai. Reviewed by A. Derzhavin. Zhur. Mosk. Patr. no. 4:75-78 Ap '56.

NIKOLAYEV—KINDERGARTEN
In a former wasteland. A. Saltak. Doshk. vykh. 17 no. 6:26-30 Je '56.

NIKOLAYEV PROVINCE—MACHINE-TRACTOR STATIONS
Fulfillment of the five-year plan in two years. A. Sokur, V. Speranskii. MTS 16 no. 5:4-7 My '56.

NIKOPOL' (UKRAINE)—INESITE
Nikopol' inesite- composite systems of isomorphic compounds (Mn, Ca) $CO_3$. V. I. Grinznov. Min. sbor. no. 9:303-309 '55.

NIKOPOL' (UKRAINE)—MANGANESE OXIDES
Isotopic composition of oxygen in pyrolusites, manganites, and psilomelanes from the Nikopol' region. V. A. Perederiev. Min. sbor. no. 9:221-225 '55.

NIKOPOL' (UKRAINE)—OXYGEN—ISOTOPES
Isotopic composition of oxygen in pyrolusites, manganites, and psilomelanes from the Nikopol' region. V. A. Perederiev. Min. zbor. no. 9:221-225 '55.

NIKOPOL' DISTRICT—FISH CULTURE
Raising carp in Nikopol District, Dnepropetrovsk Province. N¶P. IArmoshenko. Trudy Inst. gidrobiol. AN URSR no. 32:149-152 '55.

NIOBATES—ELECTRIC PROPERTIES
High dielectric permeability of niobates and tantalates of divalent metals. G. A. Smolenskii, V. A. Isupov, A. I. Agranovskaia. Dokl. AN SSSR 108 no. 2:232-235 My '56.

NIOBIUM HYDROXIDE
Solubility of niobium hydroxide in mineral acids. D. I. Kurbatov, N. V. Demenev. Zhur. prikl. khim. 29 no. 6:944-945 Je '56.

NITRATES
Interaction of iodine with silver, lead, and mercury nitrates in organic media. IA. A. Fialkov, F. E. Kagan. Ukr. khim. zhur. 17 no. 5:708-722 '51.
Polymorphism of rubidium nitrate and cesium nitrate and their interaction with barium nitrate. V. E. Pliushchev, I. B. Markina, L. P. Shklover. Dokl. AN SSSR 108 no. 4:645-647 Je '56.

NITROGEN
Effect of activated nitrogen on organic substances. Part 2. P. M. Aronovich, N. K. Bel'skii, B. M. Mikhailov. Izv. AN SSSR. Otd. khim. nauk no. 6:696-701 Je '56.
Effect of active nitrogen on organic substances. Part 1. P. M. Aronovich, B. M. Mikhailov. Izv. AN SSSR. Otd. khim. nauk no. 5:544-549 My '56.
Experiments in fertilizing cotton with liquid nitrogen fertilizers. I. Romanov. Khlopkovodstvo 6 no. 7:30-34 Jl '56.
Galstian, A.SH. [The distribution of nitrogen and phosphorus in the cotton plant] Raspredelenie azota i fosfora v khlopchatnike. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 103 p.

NITROGEN—ASSIMILATION AND EXCRETION
Problem of the assimilation of atmospheric nitrogen by the organism of mammals. A.M.Kuzin and others. Trudy Inst. biol. fiz. no. 1:256-261 '55.

NITROGEN—PHYSIOLOGICAL EFFECT see Plants, Effect of nitrogen on

NITROGEN COMPOUNDS
Effect of nitrogenous nutrition and growth promoting substances on the growth and acid formation of B. schüzenbachii. L. IU. Medvyns'ka. Mikrobiol. zhur. 9 no. 2/3:129-137 '48.
Elements of applied science instruction in the study of nitrogen compounds in the class 9 chemistry course. G. I. Shelinskii. Uch. zap. Ped. inst. Gerts. 119:79-99 '56.

NITROGEN DIOXIDE—SPECTRA
Spectrum analysis of the products and mechanism of the oxidation reaction of cellulose and nitrogen dioxide. M. M. Pavliuchenko, I. N. Ermolenko. Izv. AN SSSR. Ser. fiz. 20 no. 5:545-551 My '56.

NITROGEN IN THE BODY
Metabolism of purine-containing substances in animals during exhausting work. A. M. Hudina. Ukr. biokhim. zhur. 28 no. 2:217-222 '56.

NITROGEN INDUSTRIES
Nitrogen fertilizers in capitalistic countries. A. F. Ivanov. Khim. nauka i prom. 1 no. 2:213-221 '56.
Technical progress in the nitrogen fertilizer industry. A. M. Dubovitskii, IA. I. Kil'man. Khim. nauka i prom. 1 no. 2:139-146 '56.

NITROGEN METABOLISM
Nitrogen metabolism in experimental nephritis. S. F. Epshtein. Ukr. biokhim. zhur. 23 no. 4:407-417 '51.
Nitrogen metabolism in infants during their first year of life as affected by the composition of food. V. G. Kisliakovskaia. Vop. okh. mat. i det. 1 no. 3:41-46 My-Je '56.

NITROGEN OXIDES
Combustion of mixtures of nitric oxide and hydrogen. Part 1. Kinetics of the reaction in the flame (with English summary in insert). A. I. Rozlovskii. Zhur. fiz. khim. 30 no. 4:912-921 Ap '56.
Equilibrium between nitrogen dioxide and nitrososulfuric acid. I. E. Ioshpa, L. E. Zlotnik. Zhur. prikl. khim. 29 no. 6:862-870 Je '56.
Thermodynamic equilibrium concentration of nitric oxide. E. N. Eremin, A. N. Mal'tsev. Zhur. fiz. khim. 30 no. 5:1179-1181 My '56.

NITROGEN OXIDES—SPECTRA
Infrared radiation of nitric oxide in electrical discharge. N. IA. Dodonova, V. V. Sobolev. Vest. Len. un. 11 no. 10:3-5 '56.

NITROSO GROUP
Liebermann reaction for the nitroso group. G. J. Vanag, E. J. Lukevics. Zhur. ob. khim. 26 no. 5:1400-1401 My '56.

NITROSYLSULFURIC ACID
Equilibrium between nitrogen dioxide and nitrososulfuric acid. I. E. Ioshpa, L. E. Zlotnik. Zhur. prikl. khim. 29 no. 6:862-870 Je '56.

NIZAMI, GANDZHEVI, 1141-1203
Berlel's, E. E. [Nizami; the poet's career] Nizami; tvorcheskii put' poeta. Moskva, Izd-vo Akademii nauk SSSR, 1956. 260 p. (Nauchno-populiarnaia serila)

NOBEL PRIZES
Nobel prizes in 1955. Priroda 45 no. 7:105-106 Jl '56.

NOISE
Effect of low-frequency noise on the threshold of hearing in man. L.N.Tumarkina. Trudy Inst. biol. fiz. no. 1: 205-214 '55.
Masking by high-intensity wide-range noise. L.A.Varshavskii. Trudy Inst. biol. fiz. no. 1:215-237 '55.
Noise control. B.G. Shpakovskii. Priroda 45 no. 8:112 Ag '56.

NOISE—MEASUREMENT
Serial production of "LIOT" controlling and measuring instruments. I. A. Kudachkov. Teploenergetika 3 no. 7:64 Jl '56.

NOISE—PHYSIOLOGICAL EFFECT
Effect of noise of varying intensity on the steadiness of clear sight. L.I.Soletskaia. Trudy Inst. biol. fiz. no. 1: 178-191 '55.

NOISES see subdivision under Moscow

NOMOGRAPHY (MATHEMATICS)
On the accuracy of measuring impedances with the aid of long lines. R. M. Dombrugov. Radiotekhnika 11 no. 6: 66-67 Je '56.

NON-EUCLIDEAN GEOMETRY see Geometry, Non-euclidean

NONFERROUS METALS
High-speed flotation and problems of over-all intensification of the flotation process. O. A. Shumkov. TSvet. met. 29 no. 6:1-10 Je '56.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—CONGRESSES
Conference of the readers of the periodical "TSvetnye Metally." TSvet. met. 29 no. 6:71-72 Je '56.
Ninth Scientific and Technical conference of students of the Moscow Institute of Nonferrous Metals and of Gold. A. Beliaev. TSvet. met. 29 no. 6:72-73 Je '56.

NONFERROUS METALS—METALLURGY
(see also subdivision under Kazakhstan)
Automatization of flame furnaces in nonferrous metallurgy. M. N. Granovskaia. TSvet. met. 29 no. 6:44-46 Je '56.
Discussion at the "Pobedit" plant of G. A. Meerson's and A. N. Zelikman's book entitled "Metallurgy of Rare Metals." L. I. Kliachko, N. D. Gol'dberg. TSvet. met. 29 no. 6: Je '56.

NORIL'SK—COAL MINES AND MINING
Mixed brigade for open mining. A. Raskin, B. Shurman, V. Krasovskii. Sots. trud. no. 6:83-87 Je '56.

NORIL'SK—DESCRIPTION
Those in front. Pioner no. 8:18-19 Ag '56.

NORIL'SK—MIGRATION, INTERNAL
We are going to Norilsk. Vl. Liubovtsev, G. Konsovskii. Smena 33 no. 13:2-3 Jl '56.

NORIL'SK—TRACK ATHLETICS
In the "Metallurg" sports society. A. Shafran. Leg. atl. no. 5:22-23 My '56.

NORODOM, SIHANOUK VARSMAN, 1922-
People and events. Nov. vrem. 14 no. 27:29 Je '56.

NORTH ATLANTIC—FISHERIES
Benthonic fish catch in the North Atlantic by western European countries. IA. A. Tovbin. Ryb. khoz. 32 no. 6:58-60 Je '56.

NORTH ATLANTIC—SEALING
Norwegian sealing in the Arctic and the North Atlantic. S. S. Surkov. Ryb. khoz. 32 no. 6:60-62 Je '56.

NORTH ATLANTIC TREATY ORGANIZATION
"New era" or an old deception? Kommentator. Mezhdunar. zhizn' no. 6:99-106 Je '56.

NORTH KOREA see Korea, North

NORTH-WEST FRONTIER PROVINCE, INDIA—LAND TENURE
"Agrarian relations in the North-West Frontier Province of India (1914-1947)," L. R. Gordon. Reviewed by A. M. Osipov [with English summary in insert]. Sov. vostokoved. no. 2:186-189 '56.

NORWAY—CHESS—TOURNAMENTS
Ten days in Norway. A. Kotov. Shakh. v SSSR 33 no. 8: 226-227 Ag '56.

NORWAY—MERCHANT MARINE
Norway and its merchant marine. Stein Lampe. Mezhdunar. zhizn' no. 7:87-94 Jl '56.

NORWAY—NAVY
Thirty-two years later. K. Cherevkov. Ogonek 34 no.34:5 Ag '56.

NORWAY—RELATIONS (GENERAL) WITH RUSSIA
Thirty-two years later. K. Cherevkov. Ogonek 34 no.34:5 Ag '56.

NORWAY—STUDENTS
Babkin, V.I. [A semestr in Norway] Semestr v Norvegii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 143 p.

NOSE—FOREIGN BODIES
On the problem of the prolonged presence of foreign bodies in the ear, nose, and accessory sinuses. M.I. Svetlakov. Voen.-med. zhur. no. 9:50-52 S '55.

NOSE, ACCESSORY SINUSES OF—FOREIGN BODIES
On the problem of the prolonged presence of foreign bodies in the ear, nose, and accessory sinuses. M.I. Svetlakov. Voen.-med. zhur. no. 9:50-52 S '55.

NOVALGIN
Method for the volumetric determination of analgin. M.E. Shub, N.A. Kobzareva. Apt. delo 5 no. 4:48-49 Jl-Ag '56.

NOVELS see Fiction

NOVO-MIRHOROD DISTRICT—COLLECTIVE FARMS
Youth moves to the farms. Sots. tvar. 28 no. 8:30 Ag '56.

NOVO-PETROVSKOYE—RUSSIAN NEWSPAPERS
On the eve of an anniversary. A. Mukhin. Sov. pech. no. 7:10-12 Jl '56.

NOVO-PETROVSKOYE DISTRICT—MILKING
Generalize the work experience in milking cows twice a day. L.V. Popova-Batueva. Mosk. kolkh. 5 no. 6:25-26 Je '56.

NOVO-TAGILKA—METALLURGICAL PLANTS
Survey of the Novo-Tagilka Metallurgical Plant. V. Smirnov, I. Shmonin. Stal'. 16 no. 7:658-661 Jl '56.

NOVOCAINE
Change in the reaction of the organism to blood transfusion following preliminary injection of novocaine, N.S. IAnkovs'ka. Fiziol. zhur. [Ukr.] 1 no. 2:86-91 Mr-Ap '55.

Intradermal novocaine block in the cardiac region in stenocardia. R.S. Aronina. Sov. med. 20 no. 6:62-63 Je '56.

Intravenous novocaine injection as a method of preventing traumatic shock. A.B. Gerenrot. Voen.-med. zhur. no. 3:83 Mr '56.

Treating leishmaniasis during the ulceration stage by pricking the ulcer with an achrichine-novocaine solution. O.K. Shaposhnikov. Voen-med. zhur. no. 6: 65-67 Je '56.

Treatment of the manic phase of manic-depressive psychosis by lumbar novocaine blocks. P. Dimitrov. Zhur. nevr. i psikh. 56 no. 7:555-558 '56.

Using an endonasal novocaine block in some diseases. I.K. Gol'denfon. Voen.-med. zhur. no. 9:46-47 S '55.

NOVOSIBIRSK—CATALOGING
An experiment in processing by categories printed matter in the Novosibirsk province library. M.D. Boikova. Bibliot. SSSR no. 4:68-69 '55.

NOVOSIBIRSK—SCIENCE
At the meeting in Novosibirsk. Vest. AN SSSR 26 no. 5:31-39 Je '56.

Method for determining the natural background of gamma-ray counters. V.L. Shashkin. Izv. AN SSSR. Ser. geofiz. no. 7:838-839 Jl '56.

NUCLEAR ENGINEERING
Nuclear engineering. I. Kurchatov. Tekh. mol. 23[i.e. 24] no. 7:2 Jl '56.

NUCLEAR FISSION
Determining average fission cross section factors for $Pu^{239}$ and $U^{235}$ in uranium-water lattices. V.P. Katkov, IU.V. Nikol'skii, G.A. Stoliarov. Atom. energ. no. 3:61-64 '55.

Measuring the average number of neutrons emitted per single capture, $\nu_{eff}$ for $Pu^{239}$ specimens with $Pu^{240}$ admixture and the effective resonance capture integral of $Pu^{240}$. B.G. Erozolimskii and others. Atom. energ. no. 3:27-30 '56.

On the number of neutrons emitted by $Pu^{239}$ in a fission process induced by thermal and epithermal neutrons. V.I. Kalashnikova and others. At. en. energ. no. 3:11-12 '56.

NUCLEAR FORCES
Accounting for the effect of noncentral forces on bremsstrahlung in neutron-proton collisions. B.I. Timan. Zhur. eksp. i teor. fiz. 30 no. 5:881-883 My '56.

NUCLEAR GEOPHYSICS
Interpretation of some varieties of emanation anomalies. Sh.M. Chkhenkeli. Trudy Inst. geofiz. AN Gruz. SSR 12:73-84 '53.

Some basic theses of the nuclear theory of development of the earth's crust. V.I. Popov. Zap. Uz. otd. Vses. min. ob-va no. 7:5-00 '55.

NUCLEAR PHYSICS
Into the depth of the atomic nucleus. A.K. Burtseva, V.P. Shabanskii. Nauka i zhizn' 23 no. 8:1-4 Ag '56.

A science with a great future; an interview with M.G. Meshcheriakov, Corresponding Member of the Academy of Sciences of the U.S.S.R. Nov. vrem. 14 no. 30: 26-28 Jl '56.

Trifonov, An. [Atomic energy in the service of man; notes on atomic engineering and nuclear research] Atomnaiu energiiu - na sluzhbu cheloveku; zametki ob atomnoi tekhnike i iadernykh issledovaniiakh. Moskva, Izd-vo "Pravda," 1956. 118 p.

NUCLEAR REACTIONS
(see also subdivision under Moscow; Rochester, New York)

Capture of $K^-$-mesons by deuterium and interaction between hyperons and nucleons. L.B. Okun', I.M. Shmushkevich. Zhur. eksp. i teor. fiz. 30 no. 5:870-881 My '56.

Concerning $\gamma p$ reactions connected with the formation of ground state nuclei. V.I. Gol'danskii. Zhur. eksp. i teor. fiz. 30 no. 5:969-971 My '56.

Feasibility of producing thermonuclear reactions in gaseous discharges. I.V. Kurchatov. Atom. energ. no. 3:65-75 '56.

Interaction of $\pi^-$-mesons with protons at 4.5 Bev energy. A.I. Nikishov. Zhur. eksp. i teor. fiz. 30 no. 5:990-991 My '56.

Isomeric transition of the $Sn^{117*}$ nucleus. S.M. Kalebin. Zhur. eksp. i teor. fiz. 30 no. 5:957-959 My '56.

Neutrino-induced disintegration of deuterons. A.B. Govorkov. Zhur. eksp. i teor. fiz. 30 no. 5:974-975 My '56.

One-meson and nonmeson annihilation of antinucleons. B.M. Pontecorvo. Zhur. eksp. i teor. fiz. 30 no. 5:947-948 My '56.

On the statistical theory of the atomic nucleus. II. B.K. Kerimov, A.V. Dzhavadov. Zhur. eksp. i teor. fiz. 30 no. 5:900-914 My '56.

Peculiarities of the levels of nonspherical even-even nuclei. I.S. Shapiro. Zhur. eksp. i teor. fiz. 30 no. 5: 975-977 My '56.

NUCLEIC ACIDS
Distribution of nucleic acids in specific granulomata in experimental tuberculous infections and in vascular processes. A.IA. Fridenshtein. Biul. eksp. biol. i med. 42 no. 7:67-71 Jl '56.

Inclusion of phosphorus in stable and labile protein compounds bound with nucleic acids in certain organs of white rats following total body roentgen irradiation. A.S. Orlov. Med. rad. 1 no. 2:65-70 Mr-Ap '56.

Nature of the correlation of nucleic acids in metabolism with increased protein synthesis. O.P. Chepurova, N.I. Kerova. Ukr. biokhim. zhur. 28 no. 2:145-157 '56.

NUCLEONS—DECAY
One-meson and nonmeson annihilation of antinucleons. B.M. Pontecorvo. Zhur. eksp. i teor. fiz. 30 no. 5:947-948 My '56.

NUCLEOPROTEINS
Liponucleoproteins of Corynebacterium diphtheriae. E.K. Alimova. Ukr. biokhim. zhur. 28 no. 2:193-201 '56.

NUMBERS, THEORY OF
Okunev, L.IA. [Short course in the theory of numbers; a textbook for pedagogical institutes] Kratkii kurs teorii chisel; uchebnoe posobie dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 237 p.

NUMISMATICS, GEORGIAN
A new-type coin of David the Builder. D.G. Kapanadze. Viz. vrem. 8:338-343 '56.

NUMISMATICS, GREEK
Chersonese coin with an overlay of Bosporan coinage. K.V. Golenko. Krat. soob. IIMK no. 63:156-157 '56.

Dating Panticapaeum tetradrachmas. K.V. Golenko. Krat. soob. IIMK no. 63:158-161 '56.

NUMISMATICS, PERSIAN see subdivision under Soviet Central Asia

NUMISMATICS, SCYTHIAN
Names of kings of Scythia Minor on coins from Olbia. L.T. Tarasiuk. Krat. soob. IIMK no. 63:33-39 '56.

NUMMULITES see subdivision under Armenia

NURSERIES (HORTICULTURE)
(see also subdivision under Moldavia; Ukraine)
Alekseevskii, A.N. [Nurseries for decorative trees and shrubs] Pitomniki dekorativnykh derev'ev i kustarnikov. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 217 p.

Twenty-eight thousand five hundred young fruit trees per hectare. V.L. Epil'rand. Sad i og. no. 6:43-44 Je '56.

NURSERIES, DAY see Day nurseries

NURSERY STOCK
Work practices of the Skroblovo State Farm in growing planting stock. G.D. Dmitriev, K.G. Nikishin. Sad i og. no. 7:44-46 Jl '56.

NURSES AND NURSING
Legal consultation. I.IA. Bychkov. Med. sestra 15 no. 6:30-32 Je '56.

Medical nurse in a children's hospital. S. Shumakova. Sov. kras. krest 6 no. 3:15 My-Je '56.

Role of the nurse in aiding patients with the obstructive hydrocyphalic attacks. IU.I. Kartashova. Med. sestra 15 no. 6:24-26 Je '56.

NUSIC, BRANISLAV, 1864-1938
B. Nusic and A.I. IUzhin-Sumbatov. E. Surkov. Ogonek 34 no. 34:6 Ag '56.

NUTRIA see Coypu

NUTRITION
Effect of various quantities of food in the body on the secretion of lipids with bile. M.P. Apanasiuk. Vop. med. khim. 2 no. 2:122-127 Mr-Ap '56.

Research on public nutrition by a statistical inquiry method. A.G. Khmaladze. Vop. pit. 15 no. 4:53-55 Jl-Ag '56.

Resolution of the tenth scientific session of the Institute of Nutrition of the Academy of Medical Sciences of the U.S.S.R. Vop. pit. 15 no. 4:3-6 Jl-Ag '56.

Study of the physiological effect of low-calory diets containing a minimum amount of proteins and a normal amount of vitamins and salts. Vop. pit. 15 no. 4:18-22 Jl-Ag '56.

Work of the nutrition section of the Moscow branch of the All-Union Hygiene Society in 1955. A.A. Khrustalev, E.G. Sharina. Vop. pit. 15 no. 4:63 Jl-Ag '56.

NUTRITION OF CHILDREN see Infants—Nutrition

NUTRITION OF PLANTS see Plants—Nutrition

NYMPHAEUM—POTTERY, GREEK
Varied find from excavations of the Cabiri Sanctuary in Nymphaeum. V. M. Skudnova. Krat. soob. IIMK no. 63: 126-136 '56.

OAK
(see also subdivision under Ukraine)
Comparative investigations of the productivity and quality of wood of the mountain oak (Quercus sessiliflora Salisb.) and English oak (Quercus robur L.). Z. F. Savchenko-Pohrebniak. Dop. AN URSR no. 6:463-468 '54.
Corridor method in establishing oak plantations in the Shipov Forest. P. N. Alent'ev. Les. khoz. 9 no. 6:73-76 Je '56.
Experiment in growing spotseeded shelterbelts. G. N. Aktmochkin. Agrobiologiia no. 3:139-141 My-Je '56.
Promoting the growth of oak in the first years and lowering the cost of growing forest crops. V. P. Golovashchenko. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:120-126 '54.

OAK—DISEASES AND PESTS
(see also subdivision under Moscow Province)
Powdery mildew, a widespread fungus disease of oak in shelterbelts. O. P. Bedernichek. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:86-89 '54.

OB RIVER—FISHES
Influence of several years' fluctuations of the water level in the Ob river on the fecundity and reproduction of certain fishes [with English summary in insert]. B. K. Moskalenko. Zool. zhur. 35 no. 5:746-752 My '56.

OBESITY see Corpulence

OBLIGATIONS (LAW) see Contracts

OBOYAN' (KURSK PROVINCE)—AMATEUR ART ACTIVITIES
After the concert. Anatolii Okhrimovich. Mol. kolkh. 23 no. 6:19 Je '56.
Oboyan' melodies. M. Aleksandrov. Mol. kolkh. 23 no. 6:18-19 Je '56.

OBRUCHEV, VLADIMIR AFANAS'EVICH, 1863-1956
In memory of an outstanding Soviet scientist. Priroda 45 no. 8:3-4 Ag '56.
In memory of V. A. Obruchev. Vest. AN SSSR 26 no. 8: 58-59 Ag '56.

OBSERVATIONS, ASTRONOMICAL see Astronomy—Observations

OBSERVATORIES see subdivision under Greenwich, England

OBSTETRICS
Importance of the investigation of electric potentials of the active points of the skin in obstetrical work practice. S. P. Vynohradova, L. V. Tymoshenko. Fiziol. zhur. [Ukr.] 1 no. 1:104-108 Ja-F '55.

OBSTETRICS—CONGRESSES
All-Union conference on the further use of psychoprophylactic preparation of pregnant women for childbirth. N. N. Grigor'eva, E. I. Stantso. Vop. okh. mat. i det. 1 no. 2:88-90 Mr-Ap '56.

OBUKHOVA, LIDIIA
Book about the people of a rural district; readers' notes ("Backwoods town." Lidiia Obukhova. Book review). Komm. Bel. 26 no. 7:74-79 Jl '56.

OCCULTATIONS
Lunar occultation of stars observed in Irkutsk. G. Kuklin Astron. tsir. no. 167:30 F '56.
Lunar occultation of stars observed in Tashkent. S. Kozik. Astron. tsir. no. 167:29-30 F '56.
Observing lunar occultations of stars at Kharkov Observatory in 1955. V. Kh. Pluzhnikov. Astron. tsir. no. 167: 28 F '56.
Observing lunar occultations of stars at the Engel'gardt Observatory in 1954-1955. A. A. Nefed'ev. Astron. tsir. no. 167:30-31 F '56.

OCCUPATIONAL DISEASES
Scientific session of the Leningrad Institute of work Hygiene and Occupational Diseases. M. A. Kovnatskii. Gig. i san. 21 no. 7:53 Jl '56.

OCCUPATIONAL THERAPY
Use of small doses of bromine in occupational therapy institutions. T. P. Murav'eva. Med. sestra 15 no. 6: 26-27 Je '56.

OCEAN
Contact electrodes for measuring electrical current and voltage in the ocean. S. IA. Turlygin, L. A. Korneva. Trudy MGI 7:3-14 '56.

OCEAN BOTTOM
Prospects for studying the depth of unconsolidated marine deposits by seismo-acoustic methods. N. N. Sysoev and others. Biul. Sov. po seism. no. 2:52-58 '56.

OCEAN CURRENTS
Development of air temperature over ocean currents. N. L. Byzova. Trudy MGI 7:126-134 '56.
Generalization of Ekman's theory. A. S. Sarkisian. Izv. AN SSSR. Ser. geofiz. no. 6:669-675 Je '56.
Some applications of the absolute current method to the study of level variations of a shallow sea. B. A. Tareev. Izv. AN SSSR. Ser. geofiz. no. 7:813-820 Jl '56.
Zubov, N.N., and O.I.Mamaev. [A dynamic method of calculating the elements of ocean currents] Dinamicheskii metod vychisleniia elementov morskikh techenii. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 14 p.

OCEAN TEMPERATURE
(see also subdivision under Baltic Sea)
Development of ocean temperature in shallow water during the period preceding sheet-ice formation. S. V. Lutkovskii. Trudy MGI 7:135-152 '56.

OCEANOGRAPHIC RESEARCH see subdivision under Antarctic regions

OCEANOGRAPHY
Zubov, N. N. [Selected works on oceanography; on the seventieth anniversary of the author's birth] Izbrannye trudy po okeanologii; k 70-letiiu so dnia rozhdeniia avtora. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1955. 547 p.
[MICROFILM]

OCZKO, WOICIECH, 1537-1599
First study of Shklo mineral springs near Lvov by Woiciech Oczko in 1578. N. A. Oborin. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:64-66 Ap-Je '56.

ODESSA—AMATEUR ART ACTIVITIES
Welcome. R. Lanovaia. Klub 6 no. 6:4 Ag '56.

ODESSA—BIOCHEMISTRY
Scientific sessions of the Odessa branch of the Ukrainian Society of Physiologists, Biochemists, and Pharmacists, in 1949. Ukr. biokhim. zhur. 22 no. 2:234-237 '50.

ODESSA—COMPRESSORS
Heat treatment of compressor valve plates. B. Shapiro. Khol. tekh. 33 no. 2:62-63 Ap-Je '56.

ODESSA—FARM MECHANIZATION—STUDY AND TEACHING
Closer to industrial requirements. L. Shashkov, V. Sheptalin. Prof.-tekh. obr. 13 no. 6:7-8 Je '56.

ODESSA—PIONEERS (COMMUNIST YOUTH)
Pioneer summer. V. Riabinina. Rad. zhin. 11 no. 7: 12 Jl '56.

ODESSA—SWINE—FEEDING AND FEEDING STUFFS
Putting food waste to use. I. I. Leiko. Svinovodstvo no. 4:15-16 Je 56.

ODESSA—THEATER
Letters to the editor. Teatr 17 no. 6:184 Je '56.

ODESSA, BATTLE OF, 1941
Heroic city ("Heroic defense of Odessa." A. Fadeev. Reviewed by N. Mal'ginov). Voen. znan. 31[i.e. 32] no. 5:31 My '56.
Workers of the port of Odessa in the defense of the city in 1941. IA. M. Shtenrshtein. Vop. ist. no. 6:99-100 Je '56.

ODESSA PROVINCE—COLLECTIVE FARMS
A Sunday at the Budennyi collective farm. M. Arkad'ev. Sov. Soiuz no. 7:12-13 Jl '56.

ODESSA PROVINCE—POACHING
Poachers' "kettle." V. Kiselev. Okh. i okh. khoz. no. 7: 17-18 Jl '56.

ODING, IVAN AVGUSTOVICH, 1890-
Ivan Avgustovich Oding; on his 60th birthday. V. S. Ivanova. Izv. AN SSSR. Otd. tekh. nauk no. 6:174-175 Je '56.

OGANESIAN, ALEKSAN OVANESOVICH, 1833-
Eighty years of married life. Sov. Soiuz no. 5:36 My '56.

OGANESIAN, ALMAST MURADOVNA, 1858-
Eighty years of married life. Sov. Soiuz no. 5:36 My '56.

OGANESIAN, LEON ANDREEVICH, 1885-
Anniversary of Professor L. A. Oganesian. R. S. Dzhandzhutova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2: 94-95 Ap-Je '56.

OIL ANALYSIS
Chemical and electric stability of oils. S. E. Krein and others. Khim. i tekh. topl. no. 2:80-88 F '56.
Effect of the structure of the original hydrocarbon components on the physical and chemical properties of synthetic oils. M. G. Rudenko. Khim. i tekh. topl. no. 4:13-19 Ap '56.
Effect of the structure of the original hydrocarbon components on the physical and chemical properties of synthetic oils. Part 2. M. G. Rudenko, B. N. Gromova. Khim. i tekh. topl. no. 5:43-47 My '56.

OIL FIELDS
(see also subdivision under Tuymazy)
Russia (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. [Safety regulations in petroleum fields and ozocerite mines] Pravila bezopasnosti v neftianykh i ozokeritovykh shakhtakh; obiazatel'ny dlia vsekh ministerstv, vedomstv, organizatsii i predpriiatii, vedushchikh razrabotku neftianykh i ozokeritovykh mestorozhdenii podzemnym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 270 p.

OIL FIELDS—EQUIPMENT AND SUPPLIES
Group conference of oil-field construction workers. Stroi. pred. neft. prom. 1 no. 3:22 My '56.

OIL-FUEL see Petroleum as fuel

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES
Automatic scales for oils. V. V. Bukharin, V. P. Oleshko. Masl.-zhir. prom. 22 no. 4:24-28 '56.
Preparing buildings and equipment for receiving the new crop of oilseeds. G. E. Zolin. Masl.-zhir. prom. 22 no. 4:6 '56.
Remote level indicator. M. K. Demchenko. Masl.-zhir. prom. 22 no. 4:21-22 '56.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES—REPAIRING
For the successful overhauling of enterprises. Masl.-zhir. prom. 22 no. 4:1-2 '56.

OIL RECLAMATION
Using the microscope in studying the degree of reconditioning of motor oils. D. D. Ruschev. Neft. khoz. 34 no. 6:57-58 Je '56.

OIL SHALES
Methods for efficient processing of shales for gas and liquid fuel production. V. A. Zhukov. Trudy LIEI no. 9:63-89 '55.
Procedure for determining the optimum content of organic substances in industrial shale. V. A. Zhukov, R. P. Osina. Trudy LIEI no. 9:134-139 '55.
Study of the catalytic conversions of shale tar. N. A. Klikvin and others. Trudy LIEI no. 9:90-96 '55.
Tar extracted from oil shales from Obshchiy Syrt. Z. T. Zonova. Izv. AN SSSR. Otd. tekh. nauk no. 7:124 Jl '56.

OIL WELL DRILLING
(see also subdivision under Baku; Ukraine)
"Good deal in a businesslike atmosphere." Sov. Soiuz no. 5:33 My '56.
Measuring the deflection of wells by the "Mir" apparatus. V. P. Radchenko. Razved. i okhr. nedr 22 no. 5:23-28 My '56.
Realization of forces exerted on the borehole bottom in turbodrilling. G. I. Bulakh. Neft. khoz. 34 no. 6:16-20 Je '56.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES
(see also subdivision under Groznyy)
Remote dynamograph. IA. Mikhailov. Nauka i zhizn' 23 no. 6:50 Je '56.
What kind of drive should be used in drilling apparatus. K. G. Osipov. Neft. khoz. 34 no. 6:20-24 Je '56.

OIL WELL DRILLING, SUBMARINE
Kiazimov, IA. R., and G. E. Karasik. [Experience in drilling extradeep offshore wells] Iz opyta burenila sverkhglubokikh skvazhin v more. Baku, Azerbaidzhanskoe gos. izd-vo neftianoi i nauchno-tekhn. lit-ry, 1955. 45 p.

OIL WELL LOGGING
Determining water saturation and oil recovery factors of sands on the basis of drill core analysis. F. I. Kotlukhov and others. Neft. khoz. 34 no. 6:28-34 Je '56.

OIL WELL LOGGING, ELECTRIC
Determining rock porosity by means of specific resistivity. S. G. Komarov. Prikl. geofiz. no. 14:129-155 '56.
Electric logging parameters. I. E. Eidman. Prikl. geofiz. no. 14:156-188 '56.

OIL WELL LOGGING, RADIATION
Using radioisotopes for investigating wells. A. N. Obolenskaia. Prikl. geofiz. no. 14:189-200 '56.

OIL WELL PUMPS
Investigating abrasive wear of the parts in deep well pumps. Article 2. Stand and operation tests of the pumps. E. L. Markhasin. Tren. i izn. mash. no. 7:103-118 '53.

OIL WELLS see subdivision under United States

OILS AND FATS
(see also subdivision under Germany, East)
Fats and oils in capitalist countries. A. M. IAsnyi, G. S. Frid. Masl.-zhir. prom. 22 no. 4:29-30 '56.
Spoilage of fats through oxidation. M. Nechaev. Mias. ind. SSSR 27 no. 3:46-49 '56.
Use of radioactive indicators in studying the action of organic thiophosphoric additives in oils. G. V. Vinogradov and others. Khim. i tekh. topl. no. 6:14-20 Je '56.

OILS AND FATS—ANALYSIS

Biochemical properties of the Amur varieties of soya. I. F. Belikov, E. IA. Nedel'ko. Masl.-zhir. prom. 22 no. 4:7-9 '56.

Determining the thoroughness of the washing of oils. A. G. Stiazhkina. Masl.-zhir. prom. 22 no. 4:18-20 '56.

Spectrophotometric method of determining pigments in vegetable oils. B. IA. Sterlin, A. N. Mironova. Masl.-zhir. prom. 22 no. 4:10-12 '56.

OILS AND FATS—BIBLIOGRAPHY see Bibliography—Oils and fats

OILS AND FATS, EDIBLE

Rapid method for determining the stability of fats and oils. O. K. Palladina, K. S. Stepanova. Masl.-zhir. prom. 22 no. 4:16-18 '56.

OILSEED PLANTS

[Technical and oilseed crops.] Tekhnicheskie i maslichnye kul'tury no. 9 S '56.

[Technical and oilseed crops.] Tekhnicheskie i maslichnye kul'tury no. 10 O '56.

OILSEEDS—STORAGE

Attention to the storage and drying of seeds in oil mills. Masl.-zhir. prom. 22 no. 4:3-4 '56.

OKA RIVER—HYDROLOGY

Interaction of the Volga and Oka Rivers at their confluence in relation to the controlling influence of the Shcherbakov Hydroelectric Power Station. B. I. Feltsyn. Meteor. i gidrol. no. 6:35-36 Je '55.

OKA TERRACE PRESERVE—BISON, EUROPEAN

Oka Terrace Preserve. I. Troshin. Mosk. kolkh. 5 no. 8:43-44 Ag '56.

OKA VALLEY—CHEMICAL DENUDATION

Some data on chemical denudation in the upper reaches of the Volga, Moscow, and Oka Rivers. F. P. Savarenskii. Trudy Lab. gidrogeol. probl. 1:19-24 '48.

OKA VALLEY—CROWS

On the importance of the carrion crow (Corvus corone L.) in bottomlands along the middle Oka River [with English summary in insert]. V. P. Teplov, I. S. Turov. Zool. zhur. 35 no. 5:753-757 My '56.

OKA VALLEY—SOILS

Soils of floodlands of the lower Oka River [with German summary in insert]. G. V. Dobrovol'skii. Pochvovedenie no. 4:47-58 Ap '56.

OKHA—RUSSIAN NEWSPAPERS

Carry out the affair to the finish. F. Samokhin. Sov. pech. no. 7:18-19 Jl '56.

OKHOTSK, SEA OF—HERRING

Alushin, B. N. [Herring survey of the northern part of the Sea of Okhotsk] Razvedka sel'di v severnoi chasti Okhotskogo moria. [Voroshilov] Primorskoe kn-vo, 1956. 49 p.

OKHOTSK, SEA OF—TITANIUM ORES

Titanium distribution in deposits of the Sea of Okhotsk. E. A. Ostroumov. Geokhimiia no. 1:90-95 '56.

OKHOTSK REGION—BIRDS

New ornithological finds on the northern shore of the Sea of Okhotsk [with English summary in insert]. A. P. Vas'kovskii. Zool. zhur. 35 no. 7:1051-1058 Jl '56.

OKINAWA

On Okinawa. Nov. vrem. 14 no. 27:18 Je '56.

Stolen island. Ivan TSekhonia. Ukraina no. 13:26-27 Jl '56.

OKINAWA—MILITARY BASES, AMERICAN

The situation on Okinawa. Mezhdunar. zhizn' no. 8:133-134 Ag '56.

OKTEMBERYAN DISTRICT—PISTACHIO

Characteristics of the pistachio forms grown in Oktemberyan District in the Armenian S. S. R. E. I. Sulteva. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:25-32 Je '56.

OKTYABR'SKIY DISTRICT (CRIMEA)—HARVESTING

Harvesting is in full swing. D. Aleksandrov. Ukraina no. 15:2 Ag '56.

OKTYABR'SKIY DISTRICT (NIKOLAEV PROVINCE)—COMMUNITY CENTERS

Clubs and motion pictures. A. But'. Sots. kul't. 10 no. 8:30-31 Ag '56.

OLBIA—EXCAVATIONS (ARCHAEOLOGY)

Basic results of the work on the Olbian agora in 1953. A. N. Karasev. Krat. soob. IIMK no. 63:124-127 '56.

OLBIA—FORTIFICATIONS

Exploration of the territory of the Roman citadel in Olbia. T. N. Knipovich. Krat. soob. IIMK no. 63:139-141 '56.

OLD AGE

Effect of functional disorders in the cerebral cortex on the development of senilism. IE. D. Ilenis. Fiziol. zhur. [Ukr.] 1 no. 3:7-15 My-Je '55.

OLD AGE HOMES

Peaceful old age. V. Ponomarev. Ogonek 34 no. 25: 20-21 Je '56.

OLD AGE PENSIONS

Collective farm pensioners. Sov. Soiuz no. 7:28-29 Jl '56.

OLEFINS

Activity of Ni, Cr, and Zn oxides, sulfides, and selenides in the reduction of nitrobenzene and in the preferential hydrogenation of a diolefin into an olefin. A. M. Rubinshtein and others. Izv. AN SSSR. Otd. khim. nauk no. 5: 590-603 My '56.

OLFACTORY NERVE

Olfactomotor reaction of the olfactory receptor cells. IA. A. Vinnikov. Usp. sovr. biol. 41 no. 3:353-365 My-Je '56.

OLIGOCHAETA see subdivision under Yenisey Valley

OLLENHAUER, ERICH, 1901-

People and events. Nov. vrem. 14 no. 31:31 Jl '56.

OLYMPIC GAMES

(see also subdivision under Los Angeles; Melbourne)

From the history of the Olympic games. S. Petrov. Fizk. i sport 28 no. 7:37 '56.

OLYMPIC GAMES (WINTER) see subdivision under Cortina D'Ampezzo, Italy

OLYMPIODORUS, THEBANUS

Olympiodor's "History." Translation, article, comments, and index by E. Ch. Skrzhinskaia. Viz. vrem. 8:323-276 '56.

OMAR FAKHURI, 1896-

Omar Fakhuri — Outstanding Arab author [with English summary in insert]. D. M. Iusupov. Sov. vostokoved. no. 3:130-137 '56.

OMAROV, MAKSUT

A boxer's carrier. S. Verzhbitskii. Fizk. i sport 26 no. 8:10 '56.

OMENTUM

Lymphatic vessels of the epiploon in the rabbit. O. S. IUkov. Dokl. AN SSSR 108 no. 2:341-343 My '56.

OMSK—HISTORY

City on the Irtysh. M. IUrasova. Stb. ogni 35 no. 3: 133-141 My-Je '56.

OMSK—RUSSIAN NEWSPAPERS

In the Bureau of the Central Committee of the Communist Party of the Soviet Union of the R. S. F. S. R. Sov. pech. no. 7:4-5 Jl '56.

OMSK—THEATER

"Egor Bulychov and others." Teatr 17 no. 6:130 Je '56.

OMSK PROVINCE—STOCK AND STOCKBREEDING

Give way to new methods in organizing work and production processes in animal husbandry. L. I. Ivanov. Sovkhoz. proizv. no. 7:25-30 Jl '56.

ONIONS

Mechanized cleaning and sorting of onion seeds. I. I. Smorodin. Sad i og. no. 7:28-29 Jl '56.

ONTOGENY (BOTANY)

Changes in photosynthesis and some other physiological processes during the ontogenic development of plants in connection with different environmental conditions. G. S. Gorbunova. Trudy Bot. inst. Ser. 4 no. 11:165-207 '56.

Ontogenesis and the integrity of the plant organism. M. Kh. Chailakhian. Bot. zhur. 41 no. 4:487-509 Ap '56.

Significance of N. E. Vvedenskii's theories in solving the problem of specificity in connection with ontogenic stages. I. A. Arshavskii. Uch. zap. Len. un. no. 176: 68-85 '54.

OPALS see subdivision under Dolina

OPEN-HEARTH FURNACES

(see also subdivision under Magnitogorsk; Zhdanov)

Automatic fuel cut-off device used in open-hearth furnace spray burners. N. S. Bugrov. Metallurg no. 6:38-40 Je '56.

Automatization of open-hearth furnaces with gaseous fuel. I. G. Mitin. Metallurg no. 3:16-18 Mr '56.

Elimination of bangings in reversing the valves of open-hearth furnaces at the Serov Metallurgical Plant. M. A. Magidson, IU. F. Prostanov. Stal. proizv. no. 1:94-101 '56.

Generalizing operation practices of open-hearth furnaces with magnesite chrome crowns. IU. M. Maksimov, S. S. Levitin. Metallurg no. 7:19-21 Jl '56.

Improvements in the economics and productivity of open-hearth furnaces resulting from the installation of waste heat boilers and evaporation cooling. I. I. Bruk. Metallurg no. 2:17-22 F '56.

Movement of gases in the hearth of open-hearth furnaces. M. A. Glinkov, M. IA. Rekhtman. Sbor. inst. stali no. 31: 285-317 '53.

Opening the tap hole of an open-hearth furnace with the aid of a shaped charge. N. S. Shchitrenko, L. V. Ostapenko, G. N. Rekhlis. Metallurg no. 7:31-34 Jl '56.

Performance of an open-hearth furnace with supply of additional air to the doghouse. S. N. Bystrov, A. A. Dobrokhotov, A. N. Morozov. Stal' 16 no. 7:597-601 Jl '56.

Temperature of the external surface of chrome-magnesite crowns of open-hearth furnaces. N. P. Kublanov, I. F. Sochan. Stal. proizv. no. 1:102-108 '56.

The use of compressed air to intensify the flame jet in open-hearth furnaces. M. G. Kozhanov, G. B. Rogov. Metallurg no. 7:18-19 Jl '56.

The use of natural gas in open-hearth furnaces. V. I. Palant, B. N. Kurochkin. Metallurg no. 7:14-17 Jl '56.

The use of oxygen to increase the productivity of open-hearth furnaces. A. V. Leskov. Metallurg no. 1:7-9 Ja '56.

Using composite crowns in open-hearth furnaces. D. Z. Savostin. Stal. proizv. no. 1:89-93 '56.

Utilizing secondary power resources. B. V. Eliseev. Prom. energ. 11 no. 6:26-28 Je '56.

OPEN-HEARTH FURNACES—BIBLIOGRAPHY see Bibliography—Open-Hearth furnaces—Bibliography

OPEN-HEARTH FURNACES—REPAIRING

(see also subdivision under Magnitogorsk)

Overlay welding of basic hearths. E. I. Shevtsov and others. Stal. proizv. no. 1:109-110 '56.

OPEN-HEARTH FURNACES—TESTING

Testing open-hearth furnace ports on flame models. M. E. Saves'kin. Stal. proizv. no. 1:74-88 '56.

OPEN-HEARTH PROCESS

(see also subdivision under Cheliabinsk; Magnitogorsk; Stalinsk; Transcaucasia)

Changes of hydrogen content in metal and slag in the course of steel smelting in large capacity open-hearth furnaces. N. I. Shirokov, K. V. Demykin. Stal. proizv. no. 1:23-42 '56.

Comparative study of some of the properties of Bessemer open-hearth rimmed steel. A. S. Babii. Stal. proizv. no. 1:62-67 '56.

Kinetics of silicon reduction process. O. A. Esin, V. N. Shikhov. Izv. AN SSSR. Otd. tekh. nauk no. 6:113-116 Je '56.

Work organization in the pouring bay of an open-hearth plant. N. V. Zaverlukha, L. A. Volkov. Metallurg no. 6:23-25 Je '56.

OPERA

(see also subdivision under Gorkiy; Leningrad; Minsk; Molotov; Moscow; Peiping; Saratov; Sverdlovsk; Tartu)

Poliakova, L. V. [Soviet opera; a lecture] Sovetskaia opera; lektsiia. Moskva, Muzfon SSSR, 1956. 34 p.

OPERA—DRAMATURGY

This is the way Stanislavskii worked ("Stanislavskii's work on the opera "Rigoletto." P. Rumiantsev. Reviewed by A. Orfenov). Novyi mir 32 no. 6:251-252 Je '56.

OPERA, ARMENIAN

(see also subdivision 'Armenian opera' under Moscow)

Patriotic opera. Lev Petrov. Ogonek 34 no. 24:25 Je '56.

OPERA, WHITE RUSSIAN

"Marynka." H. Pukst [Text incomplete.] Biarozka 32 no. 6:16 Je '56.

OPERATORS (MATHEMATICS)

Defective numbers of linear operators in Banach space and certain geometrical problems. M. G. Krein, M. A. Krasnosel'skii, D. P. Mil'man. Zbir. prats' Inst. mat. AN URSR no. 11:97-112 '48.

Linear totally continuous operators in functional spaces with two norms. M. G. Krein. Zbir. prats' Inst. mat. AN URSR no. 9:104-129 '48.

One attribute of finiteness for the defficiency index of the Hermitian operator. K. F. Fishman, I. V. Gel'man. Usp. mat. nauk 11 no. 3:185-187 My-Je '56.

Positive, totally continuous operators. M. M. Bogoliubov, S. G. Krein. Zbir. prats' Inst. mat. AN URSR no. 9: 130-139 '48.

Spectral theory of operators in spaces with an indefinite valuation. I.S.Iokhvidov, M.G.Krein. Trudy Mosk. mat. ob-va 5:367-432 '56.

Theorem of the convergence of twice differentiated eigenfunction expansion of the Shturm-Liouville operator. B. M. Levitan, I. S. Sargsian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 3:3-16 '56.

OPSONINS AND OPSONIC INDEX
Opsonocytophagic reaction in bacillary dysentery in children. M. Z. Liubetskaia, A. G. Grinevich, D. A. Zlatkovskaia. Pediatriia 39 no. 3:39-41 My-Je '56.

OPTIC NERVE
Local neurological disorders and modifications of the optic nerve in angioneurotic disorders (Quincke's edema). B. S. Vilenskii. Zhur. nevr. i psikh. 56 no. 7: 536-539 '56.

OPTICS
Akademiia nauk SSSR. [Optics in military science] Optika v voennom dele; sbornik statei. Pod red. S. I. Vavilova i M. V. Savost'ianovoi. Izd. 3-e, zanovo perer. i dop. Moskva.
Vol. 2. 1946. 387 p.

OPTICS, PHYSIOLOGICAL
Conference on physiological optics. N. D. Niuberg. Biofizika 1 no. 2:189 '56.

ORANGE
Soil conditions in old orange groves [with German summary in insert]. G. A. Kostova. Pochvovedenie no. 5: 57-66 My '56.

ORATORIO
Reflections on the oratorio and the cantata ("The Soviet oratorio and cantata." A. Khokhlovkina. Reviewed by L. Poltakova). Sov. muz. 20 no. 7:130-130 Jl '56.

ORDZHONIKIDZE—TECHNICAL EDUCATION
Tools for students. A. Miroshnikov. Prof.-tekh. obr. 13 no. 6:19 Je '56.

ORDZHONIKIDZEABAD DISTRICT—AGRICULTURE
Diversified farming in a cotton-growing region. R. Mavlianov. Sots. sel'khoz. 27 no. 5:49-52 '56.

ORDZHONIKIDZEABAD DISTRICT—COTTON GROWING
Diversified farming in a cotton-growing region. R. Mavlianov. Sots. sel'khoz. 27 no. 5:49-52 '56.

ORE DEPOSITS
(see also subdivision under Ossetia; Tuva Autonomous Province)
I. G. Magak'ian's book "Ore deposits" (industrial types of metallic mineral deposits). Reviewed by A. E. Beadeliani. Zap. Vses. min. ob-va 85 no. 2:252-253 '56.
Kh. M. Abdullaev's book "Genetic affinity of mineralization with granitoid intrusions." Reviewed by I. I. Tanatar. Min. sbor. no. 9:368-374 '55.

ORE DRESSING
(see also subdivision under Ingulets; Mirgalimsai)
Letter to the editor. V. I. Khvan. Gor. zhur. no. 7:3 of cover Jl '56.
Preparing raw materials for blast furnace smelting at the Magnitogorsk Metallurgical Combine. A. P. IAkobson. Metallurg no. 1:3-6 Ja '56.
Roasting in the boiling stage. V. Karpukhin. Tekh. mol. 23[i. e. 24] no. 7:15 Jl '56.
Study of ore dressing and hydrometallurgy of rare and radioactive metals. I. N. Plaksin. Vest. AN SSSR 26 no. 7:57-60 Jl '56.

ORE DRESSING—ELECTRIC EQUIPMENT
"Electric equipment of concentrating mills." I. L. Koval'skii. Reviewed by M. V. Grolsukh. Elektrichestvo no. 6:96 Je '56.

ORE DRESSING—EQUIPMENT AND SUPPLIES
"Equipment in crushing and sizing plants" P. P. Lipov. Reviewed by I. I. Zozulia, A. K. Rundkvist. Gor. zhur. no. 7:63-64 Jl '56.

OREKHOVO-ZUYEVO—LABOR AND LABORING CLASSES
The municipal committee and workers' living conditions. N. Dmitriev. Part. zhizn' no. 13:19-27 Jl '56.

OREL PROVINCE—GAME PROTECTION
In the interest of protecting forest fauna. M. Dolin, N. Stollarov. Okh. i okh. khoz. no. 7:11 Jl '56.

OREL PROVINCE—QUARRIES AND QUARRYING
Quarry used by more than one collective farm. A. Melikhov. Sel'. stroi. 11 no. 5:4 My '56.

OREL PROVINCE—RURAL ELECTRIFICATION
Electrification of Orel Province collective farms. Z. Pechatnikov. Sel'. stroi. 11 no. 7:12-13 Jl '56.

OREL PROVINCE—SILOS
Work practice in silo construction in Orel Province. N. Samoilov. Sel'. stroi. 11 no. 7:2 Jl '56.

ORES—SAMPLING AND ESTIMATION
Simplified method of treating metal ore assaying samples. E. M. Kviatkovskii, I. S. TSigel'man. Razved. i okhr. nedr 22 no. 6:28-31 My '56.

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS
Refractometric investigation of organic oxides. M. M. Movsumzade. Trudy Azerb. ind. inst. no. 7:45-66 '54.

ORGANOMETALLIC COMPOUNDS
Metal-organic synthesis of dibiphenylalkanes and their hydrogenation. A. D. Petrov, E. P. Kaplan, Z. I. Letina. Zhur. ob. khim. 26 no. 6:1240-1248 My '56.

ORI-KHINGOU VALLEY—MENSURATION
Length and surface measurements among the Tajiks in the Obi-Khingou Valley in the 19th and at the beginning of the 20th centuries; on the history of Tajik metrology. M. R. Rakhimov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 6:111-117 '56.

ORIENTAL LANGUAGES
Is there an Austro-Asiatic family of languages [with English summary in insert]. A. I. Blinov. Sov. vostokoved no. 2:153-157 '56.

ORIENTAL LANGUAGES—TRANSLATING
Observations of a translator. IA. Khachatriants. Druzh. nar. no. 7:140-143 Jl '56.

ORIENTAL LITERATURE
In the A. M. Gor'kii Institute of World Literature (Oriental readings). Z. G. Osmanova. Vest. AN SSSR 26 no. 6:121 Je '56.

ORIENTAL STUDIES
(see also subdivision under Czechoslovakia; Leningrad)
Discussion on dividing the history of the countries of the East into periods. D. R. Voblikov. Sov. vostokoved. no. 3:141-147 '56.

ORIENTATION
Nature of the conditioned connection in motor orientation and exploratory reactions in children. I. Lingart. Vop. psikhol. 2 no. 3:55-72 My-Je '56.

ORLOV, ALEKSANDR IAKOVLEVICH, 1860-1954
Aleksandr IAkovlevich Orlov; obituary. Z. N. Aksent'eva. Trudy Polt. grav. obser. 5:3-16 '55.

ORPHANS AND ORPHANAGES see subdivision under Moscow

ORSK—JASPER
Orsk jasper. B. M. Smirnov. Priroda 45 no. 7:86-89 Jl '56.

ORTHODONTIA see Teeth—Abnormalities and deformities

ORTHODOX EASTERN CHURCH—RELATIONS
Attendance of representatives of the Russian Orthodox Church at receptions in honor of foreign guests. Zhur. Mosk. Patr. no. 5:5 My '56.
Correction. Zhur. Mosk. Patr. no. 4:16 Ap '56.

ORTHODOX EASTERN CHURCH—RELATIONS—CATHOLIC CHURCH
Polemical religious literature on relations to the Roman church in Byzantium, 13th-15th centuries. B. T. Gorianov. Viz. vrem. 8:132-142 '56.

ORTHODOX EASTERN CHURCH—RELATIONS—CATHOLIC CHURCH (BYZANTINE RITE), UKRAINIAN
Reply telegrams. Zhur. Mosk. Patr. no. 4:4 Ap '56.
Tenth anniversary of the reunion. Zhur. Mosk. Patr. no. 4:3-4 Ap '56.

ORTHODOX EASTERN CHURCH—RELATIONS—PROTESTANT CHURCHES
Enlivened hopes. A. Alekseev. Zhur. Mosk. Patr. no. 4: 58-61 Ap '56.
Noteworthy meeting. Zhur. Mosk. Patr. no. 5:53-73 My '56.
Telegram from New York. Zhur. Mosk. Patr. no. 4:4 Ap '56.

ORTHOPEDIA
Expanded plenary session of the scientific councils of institutes of traumatology, orthopedics and reconstructive surgery. M. N. Goncharova. Vop. okh. mat. i det. 1 no. 2:90-92 Mr-Ap '56.

ORTHOPEDIC APPARATUS
Device for active exercise of the knee joint. B. F. Khasanov. Voen.-med. zhur. no. 6:96 Je '51.
In the Ministry. Sots. obesp. 17 no. 3:62 Mr '56.
Manufacture of new apparatus. G. Dikkert. Sots. obesp. 17 no. 3:53-55 Mr '56.
Two types of orthopedic apparatus for treating stiffness of the talocrural joint. V. A. Il'in. Voen.-med. zhur. no. 6:85-86 Je '51.

OSCILLATIONS
Certain methods of qualitative study "in the large" of multivariate autonomous systems. V. V. Nemytskii. Trudy Mosk. mat. ob-va 5:455-482 '56.
Theory of quasi-harmonic oscillations. M. IA. Leonov. Dop. AN URSR no. 3:51-57 '48.

OSCILLATORS, CRYSTAL
Excitation of quartz emitters simultaneously at several frequencies. G. D. Mikhailov, N. V. Tikhonova, I. M. IAdrova. Akust. zhur. 2 no. 2:231 Ap-Je '56.

OSCILLATORS, ELECTRON-TUBE
Controlling the frequency of electron-tube generators with the aid of reactive tubes. G. A. Levin, Z. P. Vazhenina. Elektrosviaz' 10 no. 8:3-17 Ag '56.
External excitation of self-excited oscillators. S. I. Evtianov. Radiotekhnika 11 no. 6:3-12 Je '56.
New method of controlling the frequency of self-excited oscillators. G. M. Utkin. Elektrosviaz' 10 no. 8:36-38 Ag '56.
Power relationships in ultrahigh frequency electron-tube oscillators. L. N. Kolesov. Radiotekhnika 11 no. 6:27-42 Je '56.
Shape of the spectral line of fluctuating-frequency oscillators. A. N. Malakhov. Zhur. eksp. i teor. fiz. 30 no. 5: 884-888 My '56.
Tovbin, M. N. [Intermittent oscillator; for television adjustment] Generatory kachaiushcheisia chastoty; dlia nastroiki televizorov. Moskva, Izd-vo DOSAAF, 1956. 80 p.

OSCILLOGRAPH
Oscillographic method for examining arteries in the diagnosis of endarteritis obliterans. M. D. Arslanov. Sov. med. 20 no. 5:58-61 My '56.

OSH KARASU OASIS—PHYSICAL GEOGRAPHY
The Osh Karasu Oasis; outline on physico-geographical conditions. M. I. Glushkova, P. G. Grigorenko. Izv. AN Kir. SSR no. 2:101-111 '56.

OSHMYANY DISTRICT—FARM BUILDINGS
Let's put to use local building materials. I. Koval'chuk. Kolkh. proizv. 16 no. 6:37 Je '56.

OSIPOVICHI DISTRICT—STOCK AND STOCKBREEDING
"Red corner" on a stockbreeding farm. E. Dotsenko. Komm. Bel. 28 no. 7:37-39 Jl '56.

OSLO—WOMEN
My girl friends. Siri Sverdrup Lunden. Sov. zhen. 12 no. 10:32-33 O '56.

OSSETIA—CORN (MAIZE)
From work practice in growing hybrid seed corn. A. Salamov. Kolkh. proizv. 16 no. 5:13-14 My '56.

OSSETIA—GEOGRAPHY
First geographical data on Ossetia and the Sadon polymetallic deposit (before the beginning of the 19th century). V. L. Vilenkin. Izv. Vses. geog. ob-va 88 no. 3:292-295 My-Je '56.

OSSETIA—ORE DEPOSITS
First geographical data on Ossetia and the Sadon polymetallic deposit (before the beginning of the 19th century). V. L. Vilenkin. Izv. Vses. geog. ob-va 88 no. 3:292-295 My-Je '56.

OSTEOMYELITIS
Treatment of gunshot osteomyelitis in a sanatorium. A. D. Amosov. Voen.-med. zhur. no. 6:60-63 Je '51.

OSTEOSCLEROSIS
A clinical variant of osteomyelopoietic dysplasia. M. S. Dul'tsin and others. Terap. arkh. 28 no. 4:51-61 '56.

OSTROVSKAIA, NINA
"Camp fires of expeditions;" verse. Nina Ostrovskaia. Reviewed by Alla Kireeva. Smena 33 no. 12:20 Je '56.

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886
A. N. Ostrovskii's plays today. Teatr 17 no. 6:178 Je '56.

OTORHINOLARYNGOLOGY
Anniversary session of the Leningrad Scientific Research Institute of Ear, Nose, Throat, and Speech Diseases. IU. B. Preobrazhenskii. Vest. oto-rin. 18 no. 4:87-92 Jl-Ag '56.
Brief news. Vest. oto-rin. 18 no. 4:95 Jl-Ag '56.
Effect of a prolonged stay at high elevations on the otorhinolaryngological organs in man. S. S. Markarian. Voen.-med. zhur. no. 3:34-36 Mr '56.
"Problems in clinical otorhinolaryngology"; collection of scientific works, dedicated to the 40th anniversary of the scientific, pedagogical, medical, and social activities of Professor B. S. Preobrazhenskii, an active member of the Academy of Medical Sciences of the U. S. S. R. Reviewed by R. A. Zasosov. Vest. oto-rin. 18 no. 4:86-88 Jl-Ag '56.
Role of Soviet otolaryngology in the sixth five-year plan. Vest. oto-rin. 18 no. 4:3-11 Jl-Ag '56.

OVARIES
Effect of radioactive iodine on the hypophysis and ovaries in mammals. L. A. Kashchenko. Med. rad. 1 no. 2: 70-75 Mr-Ap '56.

OXALATES
Influence of the sample weight on the delayed explosion of the oxalates and fulminates of mercury and silver (with English summary in insert). V. V. Boldyrev. Zhur. fiz. khim. 30 no. 5:1088-1091 My '56.

OXIDASES
Results of remote crossing of stone fruit in connection with the activity of oxidizing enzymes. P. N. IAkovlev, V. I. Ostapenko. Agrobiologiia no. 3:11-14 My-Je '56.




412071 O - 57 - 17

OXIDATION

Chemical conversions of the cellulose macromolecule by oxidizers. Part 11. Causes of the chemical instability of cellulose oxidized by nitrogen dioxide. E. D. Kaverzneva, S. A. Kist'. Izv. AN SSSR. Otd. khim. nauk no. 5:604-614 My '56.

Consecutive stages of formation of n-decane oxidation products (with English summary in insert). L. S. Vartanian, Z. K. Maizus, N. M. Emanuel'. Zhur. fiz. khim. 30 no. 4:862-870 Ap '56.

Induced oxidation of carbon monoxide (with English summary in insert). F. I. Dubovitskii, M. F. Kuz'mina. Zhur. fiz. khim. 30 no. 4:837-845 Ap '56.

Intensification of metal heating in resistance butt welding by means of stepped-up oxidation reaction. V. K. Lebedev, S. I. Kuchuk-IAtsenko, Avtom. svar. 9 no. 3:36-43 My-Je '56.

Kinetic characteristics of hydroperoxides as intermediate products of the n-decane oxidation reaction (with English summary in insert). L. S. Vartanian, Z. K. Maizus, N. M. Emanuel' Zhur. fiz. khim. 30 no. 4:856-861 Ap '56.

Kinetic method for the application of tracer atoms to study the mechanism of complex chemical and biochemical processes. Part 5. Formation of acetaldehyde and the oxides of carbon during oxidation of butane (with English summary in insert). M. B. Neiman, G. I. Feklisov. Zhur. fiz. khim. 30 no. 5:1126-1132 My '56.

Kinetic study of the initial phase of nitrogen oxide catalyzed oxidation of methane (with English summary in insert). L. V. Karmilova, N. S. Enikolopian, A. B. Nalbandian. Zhur. fiz. khim. 30 no. 4:798-810 Ap '56.

Kinetics of the oxidation of ethane in presence of hydrogen bromide. M. F. Sedova, N. M. Emanuel'. Izv. AN SSSR. Otd. khim. nauk no. 6:658-667 Je '55.

Kinetics of the oxidation of ethylene to ethylene oxide on a silver catalyst. M. IA. Rubanik, IU. O. Snitkovaia, M. A. Piontkovs'ka. Dop. AN URSR no. 2:37-40 '49.

Oxidation of high molecular weight paraffins. M. K. Man'kovskaia, G. I. Moskvina. Khim. i tekh. topl. no. 7:32-36 Jl '56.

Oxidation of liquid hydrocarbons initiated by gaseous catalysts in the initial phase of its development (with English summary in insert). N. M. Emanuel' Zhur. fiz. khim. 30 no. 4:847-855 Ap '56.

Oxidation of methane by oxygen atoms resulting from the thermal decomposition of ozone (with English summary in insert). N. A. Kleimenov and others. Zhur. fiz. khim. 30 no. 4:794-797 Ap '56.

Oxidation of sodium arsenite in aqueous solutions. K. IA. Evdokimov. Ukr. khim. zhur. 17 no. 2:181-190 '51.

Oxides of transition metals as catalysts in the oxidation of hydrocarbons. L. IA. Margolis, S. Z. Roginskii, T. A. Gracheva. Zhur. ob. khim. 26 no. 5:1368-1371 My '56.

Photooxidation of bivalent-iron ions in ethyl alcohol. T. S. Hlikman. Dop. AN URSR no. 2:30-33 '49.

Spoilage of fats through oxidation. M. Nechaev. Mias. ind. SSSR 27 no. 3:46-49 '56.

OXIDATION—REDUCTION REACTION

Effect of light on the oxidation-reduction transformations of cytochrome and sensitization of these reactions by chlorophyll and bacteriochlorophyll. A. A. Krasnovskii, K. K. Voinovskaia. Biofizika 1 no. 2:120-126 '56.

Oxidation-reduction processes in the intestines of newborn infants. T. A. Barabol. Vop. okh. mat. i det. 1 no. 3:33-36 My-Je '56.

OXIDATION, ELECTROLYTIC

Mechanism of the electrochemical formation of oxygen compounds of chlorine at the smooth platinum electrode. Part I. Anode-polarographic investigation of the electrochemical oxidation kinetics of $Cl^-$ and $ClO_3^-$ ions (with English summary in insert). E. I. IAkovleva, K. I. Rozental', T. S. Filippov. Zhur. fiz. khim. 30 no. 4:937-944 Ap '56.

Technique for determining the composition of protective oxide films resulting from electrochemical oxide coating of steelware. V. P. Zvereva. [Trudy]MVTU no. 36:62-66 '55.

OXIDATION, PHYSIOLOGICAL

Effect of denervation on the intensity of oxidation in white and red muscles [with English summary in insert]. G. S. Sheves, V. I. Riumina. Biokhimiia 21 no. 3:385-388 My-Je '56.

OXIDES

Equilibrium diagram of the ternary system: CaO -- BaO --$SiO_2$. N. A. Toropov, F. IA. Toropov, F. IA. Galakhov, I. A. Bondar'. Izv. AN SSSR. Otd. khim. nauk no. 6:641-648 Je '56.

Isomerization of $\alpha$-oxides. Part 3. F. IA. Perveev. Vest. Len. un. 11 no. 10:103-115 '56.

Oxides of transition metals as catalysts in the oxidation of hydrocarbons. L. IA. Margolis, S. Z. Roginskii, T. A. Gracheva. Zhur. ob. khim. 26 no. 5:1368-1371 My '56.

Reaction of asymmetric organic $\alpha$-oxides with acetone in the presence of boron fluoride. F. G. Ponomarev. Dokl. AN SSSR 108 no. 4:648-650 Je '56.

Solubility of metal oxides in fused salts. N. K. Voskresenskaia, G. N. Kashcheev. Izv. Sekt. fiz.-khim. anal. 27:255-267 '56.

Study of the thermal expansion of solid solutions of ferromagnetic materials in the system: NiO - ZnO - $Fe_2O_3$ and CuO - ZnO - $Fe_2O_3$. A. I. Avgustinik, E. I. Vasil'ev. Zhur. prikl. khim. 29 no. 6:941-944 Je '56.

OXIDIZING AGENTS

Effect of oxidizing agents on lowering of the harmful action of sulfur on acid transformer steel. V. A. Grigorian. Sbor. Inst. stali no. 31:40-50 '53.

OXYGEN

Use of oxygen in the Bessemer process. S. G. Afanas'ev. Metallurg no. 3:8-13 Mr '56.

The use of oxygen to increase the productivity of open-hearth furnaces. A. V. Leskov. Metallurg no. 1:7-9 Ja '56.

OXYGEN—INDUSTRIAL APPLICATIONS
(see also subdivision under Zaporozhye)

Converter plant operating on pure oxygen. (From: "Iron and Steel Engineer" no. 10, 1955). A. Netesin. Metallurg no. 6:3 of cover Je '56.

Intensification of steel smelting by oxygen. G. A. Podol'skaia, V. A. Makovskii. Metallurg no. 6:17-19 Je '56.

Oxygen blow in the bath during the open-hearth conversion of phosphorous cast iron. [A. A. Shneerov and others. Stal' 16 no. 7:587-595 Jl '56.

OXYGEN—ISOTOPES
(see also subdivision under Nikopol' (Ukraine)

Determination of the relative vapor pressures of $Cl^{37}H_4$ and of $O_2^{18}$ by the Rayleigh distillation method (with English summary in insert). G. G. Devyatykh, A. D. Zorin. Zhur. fiz. khim. 30 no. 5:1133-1130 My '56.

Isotopic oxygen content in natural sulfates. R. V. Teis. Geokhimiia no. 3:28-32 '56.

OXYGEN—PHYSIOLOGICAL EFFECT

Accelerating the union of stock and scion of the cotton plant with the aid of oxygen. A. A. Karapetian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:109-111 Je '56.

Effect of hyperventilation on increasing flying personnel's ability to work. F. P. Kosmolinskii, I. B. Podol'skii. Voen.-med. zhur. no. 5:72-73 My '56.

Mechanism of action of oxygen baths in hypertensives. B. M. Berezovskaia. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:26-28 Ja-Mr '56.

OXYGEN WELDING AND CUTTING see Gas welding and cutting

OXYQUINOLATES

Use of organic solvents immiscible with water in analytical chemistry. Part I. Extraction of oxyquinolates. F. G. Zharovskii. Ukr. khim. zhur. 17 no. 1:64-75 '51.

OZINKI DISTRICT—FRUIT CULTURE

State farm orchard on virgin land. P. I. Murygin. Sel'khoz. Povol. no. 6:77 Je '56.

OZOCERITE

Extraction of mineral wax and of mineral tars (bitumens) from brown coal by means of butyl alcohol. N. G. Golovanov, I. V. Brovchinskii. Ukr. khim. zhur. 17 no. 1: 86-92 '51.

Russia (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. [Safety regulations in petroleum fields and ozocrecile mines] Pravila bezopasnosti v neftianykh i ozokeritovykh shakhtakh; obiazatel'ny dlia vsekh ministerstv, vedomstv, organizatsii i predpriiatii, vedushchikh razrabotku neftianykh i ozokeritovykh mestorozhdenii podzemnym sposobim. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956, 279 p.

OZONE

Applicability of the differential calorimetric method under conditions of laminar gaseous flow (as illustrated on the ozone decomposition reaction) (with English summary in insert). A. M. Markevich. Zhur. fiz. khim. 30 no. 4:735-752 Ap '56.

Kinetics of the interaction of rubber with ozone (with English summary in insert). N. N. Znamenskii. Zhur. fiz. khim. 30 no. 5:1092-1099 My '56.

Ozone in the stratosphere. I. A. Khvostikov. Usp. fiz. nauk 59 no. 2:229-323 Je '56.

PACIFIC OCEAN—SALINITY

New map showing the salinity content in the surface of the Northern Pacific Ocean. A. M. Muromtsev. Meteor. i gidrol. no. 6:36-38 Je '56.

PACKAGING

Protective films. A. A. Berlin, S. M. Barkan. Nauka i zhizn' 23 no. 7:54-55 Jl '56.

PACKAGING MACHINERY

Sugar packing machine. M. IArmolinskii. Sakh. prom. 30 no. 5:64-65 My '56.

PACKING (MECHANICAL ENGINEERING)

Cork rubber packings. I. R. Kadanov. Stan. i instr. 27 no. 8:40-41 Ag '56.

Graphite carbon packings in turbine control valves. V. G. Bukin. Energetik 4 no. 7:17-19 Jl '56.

The problem of leakage in labyrinthine packing. N. M. Kadirov. Trudy Azerb. ind. inst. no. 7:114-129 '54.

PACKING HOUSES
(see also subdivision under Kuybyshev)

New assembly line method in packing-house processing of geese and ducks. A. Tikhomirov, R. Feicev, A. Bataiev. Mias. ind. SSSR 27 no. 3:16-19 '56.

PACKING HOUSES—EQUIPMENT AND SUPPLIES

Mechanization of the meat processing industry in the sixth five-year plan. A. Semenov. Mias. ind. SSSR 27 no. 3:6-7 '56.

Unit for singeing packing-house by-products. E. Shkuropii. Mias. ind. SSSR 27 no. 3:52-54 '56.

Useful implement. A. Pashin. Mias. ind. SSSR 27 no. 3:50-51 '56.

PADDLE TENNIS

Paddle tennis. A. Shokin. Sem'ia i shkola 11 no. 6:33 Je '56.

PAEK KO-SAN

Violinist Paek Ko-san goes to Czechoslovakia. Nov. Kor. no. 6:40 Je '56.

PAIN

Effects of pain and its reactions on cell division in the corneal epithelium of mice. I. A. Utkin, L. P. Konichenko Biul. eksp. biol. med. 41 no. 6:66-69 Je '56.

Evaluating pains in the cardiac region in determining working capacity. F. IA. Notkina, M. M. Shenderovich. Sov. med. 20 no. 6:29-36 Je '56.

Pyruvic acid and adrenaline content of blood in pain. A. L. Bernshtein. Vop. med. khim. 2 no. 1:25-28 Ja-F '56.

PAINT MIXING

Method of mixing paint. E. Fleisher. Radio no. 7:51 Jl '56.

PAINTERS

A thousand sketches. V. Mol'vo. Ukraina no. 14:25 Jl '56.

PAINTERS, ITALIAN

Painters and reporters. A. Khersonskaia. Ogonek 34 no. 37:26 S '56.

PAINTING

The art of seeing ("Images of India." S. Chulkov. Reviewed). Druzh. nar. no. 8:186 Ag '56.

How I worked on the picture "Rest after the battle." IU. Neprintsev. Iz tvor. op. no. 1:53-85 '55.

My work on the picture "Dgainst!" F. Roshchinikov. Iz tvor. op. no. 1:87-114 '55.

The nature of painting. V. Zimenko. Iskusstvo 19 no. 3:5-9 '56.

Reflections on the canvases of Soviet painters. A. Kamenskii. Novyi mir 32 no. 7:199-203 Jl '56.

PAINTING, ARMENIAN

Antiquity and the present; remarks on Armenian painting. A. Chlenov. Druzh. nar. no. 8:144-156 Ag '56.

PAINTING, BYZANTINE

"Yearbook of the Institute of Art History," 1952, p. 192-200: The "Greek manner" in Italo-Greek and Italo-Cretan schools of painting; against the falsification of the history of late Byzantine painting. V. N. Lazarev. Reviewed by A. V. Bank. Viz. vrem. 8:274-277 '56.

PAINTING, CHINESE

[Chinese fine art] Izobrazitel'noe iskusstvo Kitaia. [Moskva] Izogiz [1956] 4 p., 10 post cards (in portfolio)

PAINTING, INDUSTRIAL

Comfortable, beautiful, and cheap. M. M. Gol'dberg. Nauka i zhizn' 23 no. 6:20 Je '56.

New methods of painting industrial goods. Ukraina no. 12:10 Je '56.

A new type of ventilation in units for the painting of parts. T. Fialkovskaia, N. Mosolov. Sots. trud no. 7:83-84 Jl '56.

Prime coat concentrates in painting. S. M. Braverman. Biul. strol. tekh. 13 no. 7:17-18 Jl '56.

Rapid-filling pressure vessel with automatic mixing of the paint compound. A. I. Posysaev. Biul. strol. tekh. 13 no. 7:18-20 Jl '56.

PAINTING, ITALIAN

Remarks on Italian painting. George Besson. V zashch. mira no. 62/63:83-88 Jl-Ag '56.

PAINTING, SPRAY see Spray painting

PAINTINGS—EXHIBITIONS see subdivision under Leningrad; Moscow

PAINTINGS, ARMENIAN—EXHIBITIONS see subdivision under Moscow

PAINTINGS, ENGLISH see subdivision under Leningrad

PAKISTAN

Pakistan. S. Belinkov. Bloknot agit. no. 10:43-4 of cover Ap '54.

PAKISTAN—DESCRIPTION AND TRAVEL
In Pakistan. A. Gukasian. Nov. vrem. 14 no. 29:26-28 Jl '56.

PAKISTAN—MEDICINE
In Pakistan. A. Gukasian. Nov. vrem. 14 no. 29:26-28 Jl '56.
Trip to Pakistan. V. G. Baranov. Vest. AN SSSR 26 no. 8:69-71 Ag '56.

PAKISTAN—SPORTS
Sports in Pakistan. E. Mel'nikov. Fizk. i sport 26 no. 8:23 '56.

PAKISTAN—YOUTH
Interview with Inamull Khan. P. Johnson. Mol. mira no. 6:22 '56.

PALAR, LAMBERTUS N., 1902-
People and events. Nov. vrem. 14 no. 35:30-31 Ag '56.

PALATE—SURGERY
Soft palate plastic surgery with a mucous-muscular flap from the posterior of the pharynx wall. V. I. Zausaev. Stomatologiia 35 no. 3:22-25 My-Je '56.

PALEKH—MANUSCRIPTS
M. Gor'kii's gift to Palekh artists. P. Kupriianovskii. Ogonek 34 no. 25:32 Je '56.

PALEKHOV, R. IA.
The primary and the secondary ("Northern lights over the Bol'shoy Khingan." R. IA. Polekhov. Reviewed by Nikolai Chukovskii). Oktiabr' 33 no. 6:187-188 Je '56.

PALEOBOTANY
(see also subdivision under Poland; Swoszowice; Ukraine)
Fluorescence microscopy in paleobotany. V. IA. Alekaandrov, I. N. Svoshnikova. Biofizika 1 no. 4:390 '56.

PALEOCLIMATOLOGY
Periodicity observed in climate variations of past geologic epochs and some problems of geochronology. G. F. Lungersgausen. Dokl. AN SSSR 106 no. 4:707-710 Je '56.

PALEOGEOGRAPHY see subdivision under Tajikistan; Ural Mountain region

PALEONTOLOGY
(see also subdivision under Fergana)
Gekker, R. F. [Instructions for research in paleoecology] Nastavlenie dlia issledovanii po paleoekologii. Izd. 2-oe. Moskva, Izd-vo Akademii nauk SSSR, 1955. 36 p., illus. (Nastavlenila po sboru i izucheniiu iskopaemykh organicheskikh ostatkov, 6)
Inheritance of acquired characteristics by organisms. M. V. Kutikov. Mat. VSEGEI no. 9:222-228 '56.
Paleontology aids medicine. A. A. TSeitlin. Nauka i zhizn' 23 no. 7:28-29 Jl '56.

PALEONTOLOGY, STRATIGRAPHIC
(see also subdivision under Baraba Steppes; Fergana; Tyumen')
"The Quaternary period in the light of biogeographic data." G. U. Lindberg. Reviewed by G. V. Nikol'skii. Zool. zhur. 35 no. 5:784-787 My '56.

PALEOPATHOLOGY
Traces of certain diseases found in paleoanthropological specimens. P. M. Pirpiiashvili. Soob. AN Gruz. SSR 17 no. 4:369-376 '56.

PALLADIUM
Velocity constant of hydrogen dissociation on a palladium surface as determined from data on diffusion in palladium (with English summary in insert). V. B. Kazanskii and others. Zhur. fiz. khim. 30 no. 4:821-826 Ap '56.

PALLADIUM-COBALT-NICKEL ALLOYS
Study of alloys of the system: palladium - cobalt - nickel. A. T. Grigor'ev and others. Izv. Sekt. fiz.-khim. anal. 27:185-197 '56.

PALUDRINE
Quantitative determination of bigumal. M. I. Pochenyi. Apt. delo 5 no. 4:41-42 Jl-Ag '56.

PALYGORSKITE
Crystalline structure of palygorskites. V. A. Frank-Kamenetskii. Min. sbor. no. 9:359-366 '55.

PAMIRS—ALPINE FLORA
Dependance of plants on precipitation in the Alpine zone of the Pamirs. K. V. Stanlukovich, T. N. Kishkovskii. Dokl. AN Tadzh. SSR no. 2:9-11 '52.

PAMIRS—GEOLOGY, STRUCTURAL
Origin of some large depressions in the eastern Pamirs. M. A. Akhunov. Dokl. AN Tadzh. SSR no. 4:3-5 '52.

PAMIRS—LAKES
Hanging lake. K. Sakun. Pionerila 33 no. 7:32 Jl '56.

PAMIRS—PIONEERS (COMMUNIST YOUTH)
Where the mountains are high, an essay. H. Ibrahimbu. Biarozka 32 no. 7:15-16 Jl '56.

PAMIRS—PLANTS—RESPIRATION
Changes in the respiration of plants of the Pamirs caused by sharp variations of temperature. O. A. Semikhatova. Trudy Bot. inst. Ser. 4 no. 11:62-96 '56.

PAMIRS—VIEWS
[In the Pamir mountains] V gorakh Pamira; komplekt otkrytok. [n.p.] IZOGIZ [1956] 15 post cards (in portfolio)

PANAMA CONFERENCE, 1956
Panama conference. Nov. vrem. 14 no. 31:17-18 Jl '56.

PANCH, PETRO IOSYPOVYCH, 1891-
Stylistic characteristics of the language in Petro Panch's works. Alla Koval'. Zhovten' 6 no. 7:94-101 Jl '56.
Together with the people. Vasyl' Lysenko. Vitchyzna 24 no. 7:130-134 Jl '56.

PANCREAS—DISEASES
Acute pancreatic edema caused by ascariasis. Ton Tkhat Tung, Khoang Su, Ngien Van Van. Khirurgiia no. 5:35-47 My '56.

PANCREAS—TUMORS
Purulent pancreatic pseudocyst. S. B. Sumarokov. Sov. med. 20 no. 6:74-75 Je '56.

PANTHERS see subdivision under Tien Shan

PANTICAPAEUM—EXCAVATIONS (ARCHAEOLOGY)
Excavations at Panticapaeum in 1952. V. D. Blavatskii. Krat. soob. IIMK no. 63:109-123 '56.

PAPER HANGING
Advice for wallpapering rooms. A. Shepelev. Sel'. strol. 11 no. 5:24-25 My '56.

PAPERMAKING MACHINERY
Uotskii, M. I. [Papermaking machines and their operation] Bumagodelatel'nye mashiny i rabota na nikh. Izd. 2-oe, perer. Moskva, Goslesbumizdat, 1956. 222 p.

PARACHUTISTS
Directing a parachute at low altitudes. P. Storchienko. Kryl. rod. 7 no. 7:3-5 Jl '56.
For a mass development of parachute jumping as a sport! Kryl. rod. 7 no. 7:1 Jl '56.
A fulfilled dream. N. Prikhina. Kryl. rod. 7 no. 6:5 Je '56.

PARACHUTISTS—COMPETITIONS
Third world championship in sport parachute jumping. Kryl. rod. 7 no. 7:2 Jl '56.

PARAFFINS
Chlorination of alkanes in presence of nitrogen dioxide. V. A. Nekrasova, N. I. Shulkin. Izv. AN SSSR. Otd. khim. nauk no. 5:563-566 My '56.
Metal-organic synthesis of dibiphenylalkanes and their hydrogenation. A. D. Petrov, E. P. Kaplan, Z. I. Letina. Zhur. ob. khim. 26 no. 5:1246-1248 My '56.
Normal-structure liquid paraffins as raw material for the synthesis of higher fatty acids. V. K. TSyskovskii, TS. N. Shcheglova, E. M. Nebylova. Khim. i tekh. topl. no. 6:9-14 Je '56.
Oxidation of high molecular weight paraffins. N. K. Man'kovskaia, G. I. Moskvina. Khim. i tekh. topl. no. 7:32-36 Jl '56.
Synthesis of higher alcohols of the fatty series by direct oxidation of paraffins. A. N. Bashkirov. Khim. nauka i prom. 1 no. 3:273-281 '56.

PARAGUAY—STUDENTS
One hundred and twenty-two wounded, two hundred and fifty arrested. Vsem. stud. nov. 10 no. 6/7:5 Je-Jl '56.

PARALYSIS
Absolute hemianopsia and hemiparesis in an 11-year old boy suffering from diabetes. F. R. Gol'dberg. Pediatriia 39 no. 3:47-48 My-Je '56.
Experience in using elatin in mental clinics. M. P. Sorkova. Farm. i toks. 19 no. 3:48-51 My-Je '56.

PARALYSIS, CEREBRAL
Electric activity of the muscles of children with congenital spastic cerebral paralysis during spontaneous contractions and changes in this activity following a treatment with tropacin. S. I. Fudel'-Osypova, IE. P. Mezhenina. Fiziol. zhur. [Ukr.] 1 no. 2:7-14 Mr-Ap '55.

PARALYSIS, INFANTILE see Poliomyelitis

PARASITES—BIRDS
Adaption of feather mites to the migration and wintering of birds. V. B. Dubinin. Dokl. AN Tadzh. SSR no. 2:35-39 '52.
Helminthic fauna of domestic fowl in Kiev Province. L. F. Pashchenko. Trudy Inst. zool. AN URSR 8:43-59 '52.

PARASITES—DOMESTIC ANIMALS
Urgent tasks in controlling parasite infestations in farm animals. O. P. Markevych. Trudy Inst. zool. AN URSR 8:5-14 '52.

PARASITES—FISHES
(see also subdivision under Black Sea)
Materials on parasitic Copepoda of the fishes of the Black Sea. O. P. Markevych. Trudy Inst. zool. AN URSR 8:91-99 '52.
Myxosporidia of Tajikistan fish. S. A. Rostovshchikov. Dokl. AN Tadzh. SSR no. 2:47-52 '52.
New species of Gyrodactylus (Monogenea) among the fishes of the Upper Dniester. O. P. Kulakivs'ka. Trudy Inst. zool. AN URSR 8:121-123 '52.
New trematodes for the fishes of the Black Sea. T. P. Pogorel'tseva. Trudy Karad. biol. sta. no. 12:29-39 '52.
Parasites of fishes of the Pechora River. T. V. Stsibor-skaia. Mat. k. pozn. fauny i flory SSSR. Otd. zool. no. 6: 209-217 '47.

PARASITES—MAMMALS
The spread of diphyllobothriosis in the Kaliningrad Province. T. P. Chizhova. Dokl. AN SSSR 108 no. 2:370-371 My '56.

PARASITES—VERTEBRATES
Fixation of cestodes in the intestines of vertebrates. R. S. Chebotar'ov. Trudy Inst. zool. AN URSR 8:36-42 '52.

PARATHYROID EXTRACTS
Effect of parathyroidin on the ascorbic acid content of animal brain. N. G. Kudriavtseva. Ukr. biokhim. zhur. 28 no. 2:242-244 '56.

PARATUBERCULOSIS OF CATTLE see Johne's disease

PARENT AND CHILD
(see also subdivision under Enakievo)
A communist's duty. Part. zhizn' no. 13:65-66 Jl '56.
Educational propaganda at the lecture halls. V. P. Lutsenkyi. Rad. shk. 35 no. 7:37-41 Jl '56.
"Newspaper for parents" at a factory. I. K. Karas'. Rad. shk. 35 no. 7:41-45 Jl '56.
University for parents. L. O. Iskra-Perevalova. Rad. shk. 35 no. 7:48-49 Jl '56.

PARENTS' AND TEACHERS' ASSOCIATIONS see subdivision under Uzhgorod

PARESIS see Paralysis

PARIS—ART—GALLERIES AND MUSEUMS
The Louvre; do not follow the guide. Jean Montiel. V zashch. mira no. 61:60-64 Je '56.

PARIS—BUILDING
Notes on construction and landscaping in Paris. V. Lagutenko, I. Lifanov. Arkhit. SSSR no. 6:34-38 '56.

PARIS—COMMUNE, 1871
The Paris Commune, the prototype of a proletarian state. G. N. Manov. Uch. zap. Tadzh. un. 8:3-18 '55.

PARIS—POPULATION
Paris as a center of attraction for population. A. E. Sluka. Vop. geog. no. 38:177-185 '56.

PARIS—REFRIGERATION AND REFRIGERATING MACHINERY—CONGRESSES
In the International Institute of Refrigeration. Khol. tekh. 33 no. 2:69-70 Ap-Je '56.

PARIS—STUDENTS
A year at the Sorbonne. A. Bessarabov, IU. Syshchikov. Nov. vrem. 14 no. 28:26-28 Jl '56.

PARIS—WOMEN—CONGRESSES
In Paris. Renée Alexandre. Mol. mira no. 5:4 '56.
Paris awaits its guests. R. Saakov. Smena 33 no. 12:8 Je '56.

PARKHAR DISTRICT—CITIES AND TOWNS, RUINED, EXTINCT, ETC.
Some archaeological monuments in Parkhar District. N. N. Zabelina. Dokl. AN Tadzh. SSR no. 3:21-25 '52.

PARKS
(see also subdivision under Moscow; Simferopol' District)
Orchards and parks shall bloom. Sots. kul't. 9 no. 6:24-25 Je '56.

PAROTID GLANDS
Effect of various strength of stimulation on the balance between emaciation and restoration. V. B. Tymchenko. Fiziol. zhur. [Ukr.] 1 no. 3:59-63 My-Je '55.

PAROTID GLANDS—SURGERY
New method for making a fistula of the parotid gland in farm animals. O. V. Kvasnyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 1:120-123 Ja-F '55.

PAROTITIS see Mumps

PARQUET FLOORS
Laying parquet on cold "subit" mastic. V. L. Shteinberg. Nov. tekh. i pered. op. v strol. 18 no. 7:24-25 Jl '56.

PARQUETRY
Industrial manufacture of parquet boards. I. I. Leont'ev, A. G. Rakin, K. I. Smolenskii. Der. prom. 5 no. 7: 17-18 Jl '56.

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS
Generators of cosmic energies. O.Sergeev. Tekh. mol. 24 no. 8:17-23 Ag '56.
Influence of the proximity of external resonance on the magnitude of the critical energy in a strong-focusing accelerator. IU. F. Orlov. Zhur. eksp. i teor. fiz. 30 no. 5:953-955 My '56.
Particle accelerators. E. M. Moroz. Nauka i zhizn' 23 no. 7:17-20 Jl '56.

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES
Free motion of single particles in a stationary inorganic medium. I. S. Pavlushenko. Zhur. prikl. khim. 29 no. 6:885-898 Je '56.
Method for introducing interaction with the external electromagnetic field. L. A. Khalfin. Vest. Len. un. 11 no. 10:39-42 '56.
Theory of the motion of material particles in rotational planes. P. M. Vasil'enko. Dop. AN URSR no. 3:68-77 '49.

PARTICLES, ELEMENTARY
Observation of positive hyperon decays and of a single-charge hyperfragment. V. V. Alpers, I. I. Gurevich, A. P. Mishakova. Dokl. AN SSSR 108 no. 2:207-209 My '56.
On the theory of hyperons. R. S. Ingarden. Zhur. eksp. i teor. fiz. 30 no. 5:951-953 My '56.
"Strange" particles. O. P. Astakhov. Nauka i zhizn' 23 no. 6:54 Je '56.
Theory of interaction between an exciton and phonon field. V. A. Moskalenko. Zhur. eksp. i teor. fiz. 30 no. 5:959-961 My '56.

PARTICLES, ELEMENTARY—DECAY
Correlation between the planes of formation and disintegration of $\Lambda^0$-particles. V. I. Karpman. Zhur. eksp. i teor. fiz. 30 no. 5:963-964 My '56.
Radiative disintegration of an $\Lambda^0$-particle. P. V. Vavilov. Zhur. eksp. i teor. fiz. 30 no. 5:985-987 My '56.

PARTICLES, ELEMENTARY—SCATTERING
Scattering of spinless particles with consideration of damping. A. A. Sokolov, B. K. Kerimov. Dokl. AN SSSR 108 no. 4:611-614 Je '56.

PARTRIDGES
(see also subdivision under Caucasus; Tajikistan)
Weapons and methods of commercial hunting of the rock partridge Ateetoris kakelik. A. V. Popov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:123-127 '56.

PASAL'S'KYI, PAVEL TYMOFIIOVYCH, 1871-1956
P. T. Pasal's'kyi, outstanding scientist and geophysicist of the latter part of the 19th century. T. S. Lebediev, V. V. Kravets'. Geol. zhur. 16 no. 2:78-79 '56.

PASHKEVICH, ALOIZA STEPANOVNA, 1876-1916
Poetry of revolutionary passion. L. Arabei. Sov. otch. no. 4:128-131 Jl-Ag '56.
TSiotka; on the 80th anniversary of her birth. E. Kamarouski. Belarus' 13 no. 7:14 Jl '56.

PASLIADOVICH, MAKAR
In the first ranks; on Makar Pasliadovich's 50th birthday. Taras Khadkevich. Belarus' 13 no. 8:5 Ag '56.

PASTEURELLA PESTIS
Production of new forms of the vaccinal strain of Pasteurella pestis $EV_{76}$ following irradiation with radioactive isotopes. V. I. Ivanov, M. D. Priadkina, V. M. Vedeshkina. Med. rad. 1 no. 2:52-56 Mr-Ap '56.

PASTURES AND MEADOWS
(see also subdivision under Azerbaijan; Carpathian Mountains; Issyk-Kul Province; Kazakhstan; Kirghizistan; Latvia; Polesye; Tajikistan; Tien Shan Province; Volga Valley)
Effectiveness of fertilizers applied to forage plants growing in floodland meadows. G. IA. Semchenkov. Ud. i ur. 1 no. 6:44-47 Je '56.
Green fodder plan. M. A. Alekseev. Nauka i pered. op. v sel'khoz. no. 6:33-36 Je '56.
Herdsman M. D. Korniushin. A. Smirnov. Kolkh. proizv. 16 no. 6:34 Je '56.
Improving the productivity of pastures. Sovkhoz. proizv. no. 7:74-75 Jl '56.
Increasing the productivity of grass stands in winter pastures by application of mineral fertilizers. M. P. Bogdanov. Dokl. AN Azerb. SSR 12 no. 5:353-355 '56.
Methods for determining the feed supply and capacity of Karakul sheep pastures. E. S. Krasnopolin. Kar. i zver. 9 no. 3:14-18 My-Je '56.
Results of the conference-seminar on the establishment of perennial cultivated pastures. G. A. Nesterenko. Zemledelie 4 no. 7:125-128 Jl '56.

PASTYRSKOYE (KIROVOGRAD PROVINCE)
Ancient city of Pastyrskoye. M. IU. Bralchevs'kyi. Visnyk AN URSR 24 no. 10:66-73 O '52.

PATAGONIANS
Mournful notes. Zvezda no. 9:190 S '56.

PATENT LAWS AND LEGISLATION
Desirable amendments to the statute on inventions and technical improvements. V. IA. Ionas. Sov. gos. i pravo no. 5:32-40 '56.

PATENTS
[Bulletin on inventions.] Biulleten' izobretenii no. 6 '56.

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOGENIC MICRO-ORGANISMS see Micro-organisms, Pathogenic

PATHOLOGICAL BOTANY see Plant diseases

PATHOLOGICAL PSYCHOLOGY see Psychology, Pathological

PATHOLOGY
In the Academy of Medical Sciences of the U. S. S. R. F. G. Krotkov. Voen.-med. zhur. no. 5:56-64 My '56.

PATHOLOGY, COMPARATIVE
Materials on the comparative pathology of the jaws and teeth structure. S. A. Nikitin, O. S. Tronova. Stomatologiia 35 no. 3:3-8 My-Je '56.

PATHOLOGY, DENTAL see Teeth—Diseases

PATTERNMAKING MACHINERY
Pattern board with electric preheating. V. Z. Gurevich. Lit. proizv. no. 7:13-14 Jl '56.

PAULICIANS
The Paulician movement in the first half of the eighth century. R. M. Bartikian. Viz. vrem. 8:127-131 '56.

PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1893-
The creative path ("Tale about life"; Book 1. Far-off years. Book 2. Restless youth. K. Paustovskii. Reviewed by N. Tolchenova). Oktiabr' 33 no. 8:181-184 Ag '56.
Lyricism in prose. T. Khmel'nitskaia. Neva no. 8:165-172 Ag '56.

PAVEMENTS
Achievements and shortcomings in the current theory of strength of nonrigid pavements. K. S. Terenetskii. Avt. dor. 19 no. 6:18-19 Je '56.
For further development in the theory of the strength of nonrigid pavements. N. N. Ivanov. Avt. dor. 19 no. 6:16-18 Je '56.
Method of determining pavement wear. V. M. Goglidze. Avt. dor. 19 no. 6:28 Je '56.

PAVEMENTS, BITUMINOUS
Bitumen equipment with water heating. E. M. Denisov, E. N. Safronov. Avt. dor. 19 no. 6:29 Je '56.

PAVEMENTS, CONCRETE
Designating the coefficient of homogeneity of pavement concrete. G. G. Mudrov. Avt. dor. 19 no. 6:24-25 Je '56.
Experience with constructing precast reinforced concrete road surfaces. G. I. Lebedeva. Avt. dor. 19 no. 6:14 Je '56.
Making contraction joints in freshly placed and partially hardened concrete pavements. A. K. Petrushin. Avt. dor. 19 no. 6:22-24 Je '56.
Removable reinforced concrete pavements for temporary automobile roads. Rats. i izobr. predl. v stroi. no. 135: 13-15 '56.
Road concrete with chlorides added. D. E. Gorbachev. Avt. dor. 19 no. 6:30-31 Je '56.

PAVLENKO, PETR ANDREEVICH, 1899-1951
Unpublished materials of P. A. Pavlenko. Dal'. Vost. 24 no. 2:166-170 Mr-Ap '56.

PAVLOV, IVAN PETROVICH, 1849-1936
I. M. Sechenov and I. P. Pavlov on I. I. Mechnikov. G. P. Tribuev. Voen.-med. zhur. no. 9:88-90 S '51.
Resolution of the scientific session of the Academy of Sciences of the U. S. S. R. and of the Academy of Medical Sciences of the U. S. S. R. devoted to problems of Academician I. P. Pavlov's physiological teachings. Ukr. biokhim. zhur. 22 no. 2:119-126 '50.

PAVLOVSK (LENINGRAD PROVINCE)—VIEWS
[Pavlovsk; views of the park] Pavlovsk; vidy parka. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956, 31 p. of illus.

PAVLYK, MYKHAILO, 1853-1915
Mykhailo Pavlyk. Mykhailo Voznlak. Vitchyzna 24 no. 7:170-180 Jl '56.

PAYMENT
Construction projects delay payment. K. Porotskii. Den. i kred. 14 no. 6:43-44 Je '56.
The effectiveness of accredited payment instruments. N. Zabelin, A. Fomicheva. Den. i kred. 14 no. 8:37-40 Ag '56.
Improve credit and payment in the national economy. P. Nosko. Den. i kred. 14 no. 7:8-16 Jl '56.
Payments for machinery and equipment. M. Asinovskii. Den. i kred. 14 no. 6:42-43 Je '56.
Questions and answers. Den. i kred. 14 no. 6:59-60 Je '56.
Simplifying accounting for departmental payments based on apportioned fixed assets and working capital. M. Shilakhover. Bukhg. uchet. 15 no. 7:27-30 Jl '56.

PEACE
(see also subdivision under China)
Address at a gathering of representatives of Soviet social groups devoted to the results of the extraordinary session of the World Peace Council held in Stockholm. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 5: 26-27 My '56.
Address at the extraordinary session of the World Peace Council. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 5:22-26 My '56.
Call to believers of all faiths in the world. Zhur. Mosk. Patr. no. 5:21 My '56.
Decisions of an extraordinary session of the World Peace Council. Zhur. Mosk. Patr. no. 5:17-21 My '56.
The economic road to peace. Lord Boyd Orr. Vop. ekon. no. 7:95-98 Jl '56.
Happiness of children is in the hands of the peoples. Doshk. vykh. 17 no. 6:1-4 Je '56.
No one can claim a monopoly of the fight for peace. Korona. V zashch. mira no. 60:7-11 My '56.
The Soviet people in the fight for peace. M. Kotov. Mosk. prop. 13 no. 7:23-31 Jl '56.
Trainin, A.N. [Safeguarding peace and fighting crimes against humanity] Zashchita mira i bor'ba s prestupleniiami protiv chelovechestva. Moskva, Izd-vo Akademii nauk SSSR, 1956, 208 p.
Unite in the name of peace. Pierre Cot. V zashch. mira no. 60:1-6 My '56.
Who's the murderer? Who's the victim? Speak! Vincentio Calo. Vsem. stud. nov. 10 no. 6/7:3 Je-Jl '56.

PEACE TREATIES see subdivision under Japan

PEAR
Heterophylly in pears as representatives of the genus Pyrus L. I. T. Vasil'chenko. Bot. zhur. 41 no. 4:549-552 Ap '56.

PEAR—DISEASES AND PESTS
The flatheaded borer is a pear-tree pest. M. P. Zolotar'evich. Sad i og. no. 6:69 Je '56.

PEAR—VARIETIES see subdivision under Trubchevsk District

PEAS—HARVESTING
Harvesting peas with self-propelled combines. P. Isaev, S. Bychkov. MTS 16 no. 7:29-30 Jl '56.
Mechanized harvesting of peas. G. V. Gulinov, A. I. Pomogaeva. Sel'khoz. Povol. no. 6:60-62 Je '56.

PEAS, FIELD see Field pea

PEASANT UPRISINGS
(see also subdivision under Abkhazia; Belgium; China; France)
Class 8 study of peasant uprisings in 17th century Russia. S. V. Ikov. Prep. ist. v shkole 11 no. 3:72-83 My-Je '56.

PEASANT UPRISINGS—HISTORY
"Peasant and city uprisings in Russia during the 11th-13th centuries." M. N. Tikhomirov. Reviewed by V. A. Aleksandrov. Prep. ist. v shkole 11 no. 3:112-115 My-Je '56.

PEASANTRY see subdivision under Azerbaijan; France; Japan; Poland

PEASANTRY—HISTORY
(see also subdivision under Abkhazia; Georgia)
Flight of peasants on the eve of S. Razin's campaign. T. I. Smirnova. Vop. ist. no. 6:129 131 Je '56.

PEAT
(see also subdivision under Armenia; Canada; Ukraine)
Correct use of peat for fertilizer is a powerful factor in increasing crop yields. I. M. Borisevich. Ud. i ur. 1 no. 6:23-28 Je '56.
Determining the degree of peat decomposition. L. S. Apt, G. S. D'iachkov. Torf. prom. 33 no. 5:16-19 '56.
Gasification of peat in a generator with recirculating gases. A. T. Tishchenko. Trudy Inst. isp. gaza AN URSR 3:18-30 '55.
Heat exchange between suspended particles of milled peat and the stream. T. F. Tagantseva. Torf. prom. 33 no. 5:30-32 '56.
How we ensured the hauling of peat and manure to the fields. B. P. Tyshchenko. Mekh. sil'. hosp. 7 no. 1: 5-6 Ja '56.
Intensifying the combustion of moist block peat. A. P. Smirnov. Elek. sta. 27 no. 6:12-14 Je '56.
Milled peat qualitative indexes and means for the improvement of peat quality. I. E. Belokopytov. Torf. prom. 33 no. 5:9-12 '56.
Moisture content of the raw material for peat briquette plants. V. A. Zavialov, V. N. Ivanov, A. P. Voroshilov. Torf. prom. 33 no. 5:23-27 '56.

PERIODATES

Gravimetric determination of cerium by the periodate method. G. P. Aleksandrov, V. S. Tikhonova. Ukr. khim. zhur. 22 no. 3:379-382 '56.

PERIODICALS—CATALOGS

Give us a good catalog. N. Chudilov. Raspr. pech. no. 7: 17 Jl '56.

PERIODICALS—CIRCULATION see Newspaper and periodical circulation

PERIODICALS, AMERICAN see American periodicals

PERIODICALS, JUVENILE see Children's periodicals

PERIODICALS, RUSSIAN see Russian periodicals

PERIODICALS, WHITE RUSSIAN see White Russian periodicals

PERIOSTEUM—DISEASES

X-ray therapy of traumatic ossifying periostitis in a child. K. A. Moskacheva. Vest. rent. i rad. 31 no. 3: 90-91 My-Je '56.

PERITONEUM

Modification of the absorbent action of the peritoneum in infectious processes following administration of antibiotics; experimental study. O. S. Kushakovskii. Khirurgiia no. 5:27-30 My '56.

PERITONITIS

Comparative rating of the prophylactic and therapeutic action of antibiotics in infectious peritonitis. V. I. Filin. Voen.-med. zhur. no. 9:73 S '55.

Late complications following antibiotic therapy of suppurative peritonitis. B. A. Matveev, G. I. Reginskii. Khirurgiia no. 5:63-65 My '55.

Peritonitis consecutive to a stab wound of the buttocks penetrating into the abdominal cavity. V. A. Spektor. Khirurgiia no. 5:69-70 My '56.

Prevention of peritonitis with biomycin; experimental investigation. O. S. Illarionova. Khirurgiia no. 5:59-63 My '56.

Role of penicillin in compound therapy for acute perforative peritonitis. V. V. Bundikov. Khirurgiia no. 5:68-69 My '56.

PERMEABILITY

Age changes in the permeability of protoplasm. G. S. Sotkina. Trudy Inst. fiziol. rast. 6 no. 1:103-117 '48.

Effect of radiation on the permeability of tissues in man. IA. I. Veksler. Voen.-med. zhur. no. 9:16-20 S '55.

Experimental study of the effect of roof rock permeability on leakage of fluid from the oil sands. IU. A. Babich. Neft. khoz. 34 no. 6:35-38 Je '56.

Mogil'nitskii, B. N., ed. [Studies on vascular permeability] Ocherki po sosudistoi pronitsaemosti. Moskva, Gos. izd-vo med. lit-ry, 1956. 379 p. (DAFM)

Penetration of radioactive phosphorus into the organism through normal and damaged skin. N. N. Granovskaia. Vest. rent. i rad. 31 no. 3:7-11 My-Je '56.

PERMIAK, EVGENII

Fairy tales about work and creativeness. M. Khvastunov. Tekh. mol. 24 no. 8:11 Ag '56.

PEROVO—COMMUNITY CENTERS

Why such carelessness? V. Mikhailov. Klub 5 no. 5:18 My '56.

PERPETUAL MOTION

From mechanical arms to the electronic brain. IU. Dolgushin. Znan. sila 31 no. 7:26-27 Jl '56.

PERSIAN LANGUAGE—GRAMMAR

Ovchinnikova, I. K. [Manual of the Persian language] Uchebnik persidskogo iazyka. [Moskva] Izd-vo Moskovskogo univ.
Pt. 1. 1956. 439 p.

PERSIAN LITERATURE—HISTORY AND CRITICISM

From the history of the literature of the peoples of Khurasan and Mavarannahr in the eighth and ninth centuries [with English summary in insert]. M. N. Osmanov. Sov. vostokoved no. 2:105-118 '56.

PERSIAN POETRY—HISTORY AND CRITICISM

Vahid Tabrizi'a treatise poetry [with English summary in insert]. A. E. Bertel's. Sov. vostokoved. no. 2: 77-82 '56.

PERSONALITY

Personality as an object of study in psychology. V. N. Kolbanovskii. Vop. psikhol. 2 no. 3:16-29 My-Je '56.

PERSONS (LAW)

The various kinds of persons in Soviet law. A. V. Mitskevich. Sov. gos. i pravo no. 5:111-117 '56.

PERSPIRATION

Investigation of the effect of pilocarpine and of acetylcholine on sweating on a Filatov pedicle flap. E. E. Kistin. Biul. eksp. biol. med. 42 no. 7:39-41 Jl '56.

Prevention of excessive perspiration of the feet. N. V. Baltaev. Voen.-med. zhur. no. 6:83-84 Je '51.

Treating excessive perspiration of the feet. G. D. Liubiev. Voen.-med. zhur. no. 6:83 Je '51.

PERU—DESCRIPTION AND TRAVEL

Fish sing in the Ucayali; from notes of travelers (to be concluded). A. Fifler. Pioner no. 6:10-19 Je '56.

Singing fish in Ucayali (conclusion). Arkadjusz Fidler. Translated from the Polish. Pioner no. 7:34-42 Jl '56.

PERU—FOREST FAUNA

Fish sing in the Ucayali; from notes of travelers (to be concluded). A. Fifler. Pioner no. 6:10-19 Je '56.

PERU—INCAS

On the banks of the Tantamayo. Vokrug sveta. no. 6: 11 Je '56.

PERVOURAL'SK—ROLLING (METALWORK)

Experience with the organization of the work of a brigade. I. I. Chursinov. Metallurg no. 2:34-36 F '56.

PESTICIDES

Chemicals for the protection of plants and their application. N. N. Mel'nikov. Khim. nauka i prom. 1 no. 2: 160-173 '56.

PETER I, the Great, 1672-1725

Some problems in the history of the Senate during the reign of Peter I. B. A. Kozachkovskii. Dokl. AN Tadzh. SSR no. 3:15-19 '52.

PETÖFI, SÁNDOR, 1823-1948

Sándor Petöfi, 1823-1948. Anatol Hidas. Ogonek 25 no. 52:25 D '47.

PETR, Archimandrite, 1878-1956

Obituaries. Zhur. Mosk. Patr. no. 5:6-7 My '56.

PETRASHEVSKII, MIKHAIL VASIL'EVICH, 1821-1866 see Butashevich-Petrashevskii, Mikhail Vasil'evich, 1821-1866

PETRELS

New data on stormy petrels. A. M. Sudilovskaia. Priroda 45 no. 8:107-108 Ag '56.

PETROGLYPHS see subdivision under Gorno-Badakhshan Autonomous Province

PETROLATUM

Seasoning wood in petrolatum. G. D. Shteinbok. Torf. prom. 33 no. 5:35 '56.

PETROLEUM

(see also subdivision under Borislav, Caucaus, Northern; Ukraine)

Methods of studying the composition of petroleum and petroleum products (all-Union conference). M. M. Kusakov, V. V. Panov. Vest. AN SSSR 26 no. 6:130-133 Je '56.

Origin of petroleum. V. E. Parkhomenko. Nauka i zhizn' 23 no. 8:21-23 Ag '56.

Problems in the development of geological prospecting for oil and gas. M. F. Mirchink. Neft. khoz. 34 no. 6: 1-10 Je '56.

Role of unsaturated hydrocarbons in petroleum aromatization. E. M. Tarasenkova. Trudy LIEI no. 9:123-133 '55.

PETROLEUM—ANALYSIS see subdivision under Kuybyshev Province

PETROLEUM—BIBLIOGRAPHY see Bibliography—Petroleum

PETROLEUM—PIPELINES

(see also subdivision under Lebanon)

Apparatuses for protecting pipelines against corrosion caused by stray currents. P. G. Doroshenko. Stroi. pred. neft. prom. 1 no. 3:8-10 My '56.

Coating for underwater pipelines. (From: Petroleum Engineer, Dec., 1955). Stroi. pred. neft. prom. 1 no. 5: 30-31 Jl '56.

Efficient method of testing main pipelines. M. S. Svatikov. Stroi. pred. neft. prom. 1 no. 3:3-7 My '56.

Forced pipeline laying through swamps. Stroi. pred. neft. prom. 1 no. 4:29 Je '56.

Industrial method and progressive technology in the installation of connecting pipelines. E. A. Ignatchenko. Stroi. pred. neft. prom. 1 no. 1:8-11 Mr '56.

Laying a 900 mm diameter steel conduit. D. P. Filippov, I. F. Grinshtein. Stroi. pred. neft. prom. 1 no. 6:21-22 Ag '56.

Method of rapid determination of heat and temperature conductivity coefficients without taking samples. L. F. IAnkelev. Stroi. pred. neft. prom. 1 no. 5:14-17 Jl '56.

New types of pipe layers and rotor excavators. Stroi. pred. neft. prom. 1 no. 5:28-29 Jl '56.

Nomogram for calculating pipelines in the case of laminar and turbulent flow conditions. G. S. Khovanskii. Neft. khoz. 34 no. 6:53-56 Je '56.

Progress and new tasks in the field of pipeline and tank welding. A. S. Fal'kevich. Stroi. pred. neft. prom. 1 no. 1:18-23 Mr '56.

Study of characteristics of electric butt welds. V. D. Taran, V. L. Berezin. Stroi. pred. neft. prom. 1 no. 2: 13-17 Ap '56.

Tasks of pipeline installers in the sixth five-year plan. N. L. Vovchenko. Stroi. pred. neft. prom. 1 no. 2:1-2 Ap '56.

Technical instructions for determining the depth of laying main pipelines. A. G. Kamenshtein. Stroi. pred. neft. prom. 1 no. 5:12-14 Jl '56.

Using aluminum in petroleum construction. Stroi. pred. neft. prom. 1 no. 1:30 Mr '56.

Using precast foundations and welds. L. I. Alekseev. Stroi. pred. neft. prom. 1 no. 3:25-26 My '56

PETROLEUM—PIPELINES—COLD WEATHER CONDITIONS

Insulation work on main pipelines during the winter. V. I. Zhukov, A. A. Kozlovskaia. Stroi. pred. neft. prom. 1 no. 6:4-7 Ag '56.

PETROLEUM—PIPELINES—CORROSION

Cathodic protection station with a semiconducting thermoelectric generator. V. I. Glazkov, V. G. Kotin. Stroi. pred. neft. prom. 1 no. 5:7-10 Jl '56.

PETROLEUM—REFINERIES

Methods for reducing cost and time of construction of industrial bases for petroleum refineries. G. I. Gurevskii. Stroi. pred. neft. prom. 1 no. 4:3-7 Je '56.

PETROLEUM—REFINING

(see also subdivision under Bashkiria; Durlun; White Russia)

Concentrations of petroleum products in reverse water supply systems of petroleum refineries. E. N. Batura. Vod. i san. tekh. no. 5:21-24 My '56.

Flow sheet for the economical regeneration of gypsum at desulphuiting plants. I. I. Shteingol'ts, B. I. Logachev. Khim. i tekh. topl. no. 7:44-50 Jl '56.

Heat consumption in petroleum refining. P. M. Lesgachev. Khim. i tekh. topl. no. 4:65-68 Ap '56.

Maintenance organization of main petroleum refinery installations. E. B. Khasin. Neft. khoz. 34 no. 6:51-52 Je '56.

Meeting of installation innovators. Stroi. pred. neft. prom. 1 no. 1:27 Mr '56.

Method of calculating labor productivity in a petroleum refinery. N. A. Galuzinskii. Neft. khoz. 34 no. 6:11-15 Je '56.

Selection of flow diagrams for modern fuel petroleum processing plants. A. V. Agafonov. Khim. i tekh. topl. no. 7:1-12 Jl '56.

Tasks of petroleum refinery builders in the sixth five-year plan. Stroi. pred. neft. prom. 1 no. 4:1-2 Je '56.

Unit assembly of the metal elements of refinery installations. L. M. Fel'dshtein. Stroi. pred. neft. prom. 1 no. 4:21-23 Je '56.

PETROLEUM—STORAGE

(see also subdivision under Tashkent)

Assemblying spheroidal storage tanks from pre-shaped metal rolls. IA. A. Itapoport. Stroi. pred. neft. prom. 1 no. 4:7-9 Je '56.

Continuous deployed installation of tank farms. N. V. Popovskii, A. L. Zil'berberg. Stroi. pred. neft. prom. 1 no. 1:14-19 Mr '56.

Deep-seated precast factory-made reinforced concrete tanks for petroleum products. V. A. Bunchuk. Stroi. pred. neft. prom. 1 no. 3:10-12 My '56.

Meeting of installation innovators. Stroi. pred. neft. prom. 1 no. 1:27 Mr '56.

Progress and new tasks in the field of pipeline and tank welding. A. S. Fal'kevich. Stroi. pred. neft. prom. 1 no. 1:18-23 Mr '56.

Underground storage of petroleum products and compressed gases in natural reservoirs. G. M. Ivantsov. Stroi. pred. neft. prom. 1 no. 1:28-30 Mr '56.

Using aluminum in petroleum construction. Stroi. pred. neft. prom. 1 no. 1:30 Mr '56.

PETROLEUM—TRANSPORTATION see subdivision under Lebanon; Syria

PETROLEUM AS FUEL

Burning Ukhta boiler fuel in boilers. V. V. Vadzinskii. Elek. sta. 27 no. 6:51-53 Je '56.

Formation of coke on aluminosilicate cracking catalysts. B. V. Klimenok, E. A. Andreev, V. A. Gordeeva. Izv. AN SSSR. Otd. khim. nauk no. 5:525-530 My '56.

PETROLEUM CRACKING see Cracking process

PETROLEUM ENGINEERING

Determining water saturation and oil recovery factors of sands on the basis of drill core analysis. F. E. Kottakhov and others. Neft. khoz. 34 no. 6:28-34 Je '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Petroleum industry.] Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' nos. 31-33 Ag '56.

Formation of horizontal fissures in petroleum layers subjected to hydraulic rupture. G. I. Barenblatt. Izv. AN SSSR. Otd. tekh. nauk no. 8:101-105 A '56.

Hydrodynamic calculations for the composite process of sustaining reservoir pressure in workable oil fields. M. T. Abasov. Trudy Azerb. ind. inst. no. 7:32-38 '54.

In the Technological Council of the Ministry of the Petroleum Industry of the U. S. S. R. I. Zlotnikov. Neft. khoz. 34 no. 6:70-72 Je '56.

PETROLEUM ENGINEERING (Continued)

Principal trends in the chemical processing of petroleum hydrocarbons. A. V. Topchiev, B. A. Krentsel', Khim. nauka i prom. 1 no. 3:240-256 '56.

Relation of residual water saturation to polar admixtures in petroleum and petroleum products. G. A. Babalian, A. M. Kuliev. Izv. AN Azerb. SSR no. 3:11-20 Mr '56.

The speed of sound in the gas found in well intercasing space. V. A. Sushilin. Neft. khoz. 34 no. 6:30-41 Je '56.

PETROLEUM GEOLOGY
(see also subdivision under Bronislav; Dnepropetrovsk Province; Golina; Kobystan; Tatar A.S.S.R.; Volga Valley)

Akademiia nauk URSR, Kiev. Institut geologii poleznykh iskopaemykh. [Problems in the geology of oil fields] Voprosy geologii neftianykh mestorozhdenii. Kiev, 1956. 60 p.

Experimental study of the effect of roof rock permeability on leakage of fluid from the oil sands. IU. A. Babich. Neft. khoz. 34 no. 6:35-38 Je '56.

Mikhailova, N. A. [Petrography of Givetian deposits in Ural and Volga petroleum-bearing regions and the paleogeography of the period of their formation] Petrografiia zhivetskikh otlozhenii Uralo-Volzhskoi neftenosnoi oblasti i paleogeografiia vremeni ikh obrazovaniia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 157 p., illus.

PETROLEUM INDUSTRY
(see also subdivision under Azerbaijan; China; Italy; Stalingrad Province; United States)

Budovoi, G. T. [Manual for carrying out the technical, industrial and financial plan for petroleum enterprises] Posobie po razrabotke tekhpromfinplana neftedobyvaiushchego predpriiatiia. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1955. 136 p.

A deal of the petroleum monopolies. Mezhdunar. zhizn' no. 7:119-120 Jl '56.

An important means of economizing labor. N. Vlasov. Sots. trud no. 7:76-78 Jl '56.

Mixed crews in petroleum industry construction. M. K. Ushamirskii. Stroi. pred. neft. prom. 1 no. 6:7-9 Ag '56.

Petroleum and gas industries in the sixth five-year plan. P. Agukin, A. Shakhmatov. Plan. khoz. no. 3:31-44 '56.

Petroleum battle. Nov. vrem. 14 no. 26:20 Je '56.

Science in cooperation with industry. S. IU. Barit. Stroi. pred. neft. prom. 1 no. 3:12-14 My '56.

Tasks of efficiency promoters and inventors. V. P. Smirnov. Stroi. pred. neft. prom. 1 no. 3:28-30 My '56.

PETROLEUM INDUSTRY—BIBLIOGRAPHY see Bibliography—Petroleum industry

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

New machines used in construction of petroleum enterprises. G. V. Zhdanovich. Stroi. pred. neft. prom. 1 no. 2:3-7 Ap '56.

PETROLEUM INDUSTRY—SAFETY MEASURES

Role of intermediate medical personnel in the prevention of injuries in the petroleum industry. IA. I. Tarnopol'skii. Fel'd. i akush. 21 no. 6:21-24 Je '56.

PETROLEUM PRODUCTS
(see also subdivision under Zhirnovskaia)

All-Union conference on the study of petroleum and petroleum products' composition. V. V. Panov. Khim. i tekh. topl. no. 2:68-72 F '56.

Chemical composition of high-boiling petroleum fractions. L. G. Zherdeva. Khim. i tekh. topl. no. 7:13-24 Jl '56.

Crystal-forming, high-molecular weight compounds found in petroleum. L. D. Melikadze, E. A. Usharauli, D. G. Chavchanidze. Soob. AN Gruz. SSR 17 no. 4:317-320 '56.

Efficiency of various techniques used for the analytical fractionation of petroleum products by selective solvents. B. M. Rybak. Khim. i tekh. topl. no. 2:54-60 F '56.

Naphthenic hydrocarbons contained in the high-boiling fractions of petroleum. L. G. Zherdeva, V. A. Potanina, B. B. Krol'. Khim. i tekh. topl. no. 2:13-23 F '56.

Production of chemicals from petroleum. B. A. Krentsel' and S. M. Loktev. Khim. v shkole 11 no. 4:7-18 Jl '56.

Properties of paraffin-base oils at low temperatures. G. V. Vinogradov, V. G. Lebedev. Khim. i tekh. topl. no. 3:54-58 Mr '56.

State of the manufacture of unsaturated gaseous hydrocarbons and the synthesis of ethyl alcohol by direct hydration of ethylene. M. A. Dalin. Khim. nauka i prom. 1 no. 3:259-272 '56.

Urgent problems in the study of petroleum and petroleum products' composition. V. S. Fedorov. Khim. i tekh. topl. no. 2:1-6 F '56.

Using propane for extracting asphalt from petroleum products. (Theory of solubility). N. E. Bogdanov. Khim. i tekh. topl. no. 3:42-50 Mr '56.

PETROLEUM PRODUCTS—STORAGE

Organization of oil storage in machine-tractor stations. A. IA. Emdin. Mekh. sil'. hosp. 7 no. 1:12-13 Ja '56.

PETROLEUM RESEARCH

Development of the research work on the composition of petroleum and petroleum products. Vest. AN SSSR 26 no. 8:82-83 Ag '56.

Possibilities of hydrocarbon recovery from clay rocks by solution in compressed gases. M. N. Sokolova, M. A. Kapeliushnikov, S. L. Zaks. Dokl. AN SSSR 103 no. 4: 607-610 Je '56.

Structural-group analysis of kerosene and oil fractions and its application in petroleum research. E. A. Robinson, M. A. Nechaeva. Khim. i tekh. topl. no. 7:50-56 Jl '56.

PETROLEUM WORKERS

Tasks of efficiency promoters and inventors. V. P. Smirnov. Stroi. pred. neft. prom. 1 no. 3:28-30 My '56.

PETROLOGY

Bollankin, D. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. 1956. 844 p.

Problems of age of geological formations; session in Tbilisi. V. I. Baranov. Vest. AN SSSR 26 no. 8:114-115 Ag '56.

Some characteristics of the lithology of Quaternary deposits and methods of studying them. E. V. Rukhina. Vest. Len. un. 11 no. 12:47-57 '56.

Tasks of petrological departments of institutions in the system of the Ministry of Geology and Conservation of Mineral Resources. IU. Ir. Polovinkina. Razved. i okhr. nedr 22 no. 5:16-20 My '56.

PETROLOGY—CONGRESSES see subdivision under France

PETROV, EVGENII PETROVICH, 1903-1942

The works of Il'ia Il'f and Evgenii Petrov. An. Tarasenkov. Znamia 26 no. 8:179-183 Ag '56.

A writer who brings joy; Evgenii Petrov. Vladimir Beliaev. Sov. Ukr. 6 no. 6:159-166 Je '56.

PETROVSKOE DISTRICT (STAVROPOL TERRITORY)—AGRICULTURE

Continuously increase the role of specialists. IA. Bushnov. MTS 16 no. 5:7-10 My '56.

PETROZAVODSK—COMMUNITY CENTERS

The initiative of cultural council. A. Chikin. Prom. koop. no. 6:38 My '56.

PETSERI—MONASTERIES

The architectural ensemble of the Pskov-Pechory Monastery. G. Rabinovich. Arkhit. nas. no. 6: 57-86 '56.

PEYRESQ, FRANCE—COMMUNITY CENTERS, STUDENT

Peyresq, the student village. R. Wollast. Vsem. stud. nov. 10 no. 6/7:31 Je-Jl '56.

PFEIFFER, GEORGII VASYL'OVYCH, 1872-1946

G. V. Pfeiffer; obituary. Zhur. prats' Inst. mat. AN URSR no. 9:3-6 '46.

PHAGOCYTOSIS

Effect of the stimulation of chemoreceptors of the liver and mechanoreceptors of the colon on the phagocytic activity of leukocytes. A. I. Karaev, R. Z. Kararova, Sh. Rustamova. Biul. eksp. biol. med. 41 no. 6:58-61 Je '56.

Opsonocytophagic reaction in bacillary dysentery in children. M. Z. Liubetskaia, A. G. Grinevich, D. A. Zlatkovskaia. Pediatriia 30 no. 3:39-41 My-Je '56.

PHARMACEUTICAL CHEMISTRY see Chemistry, Medical and pharmaceutical

PHARMACEUTICAL INDUSTRY see Drug industry

PHARMACOLOGY

The effect of ganglioplegics on the functional mobility of the superior cervical ganglion. D. A. Kharkevich. Farm. i toks. 19 no. 3:3-9 My-Je '56.

New drugs. Voen.-med. zhur. no. 6:95 Je '51.

New drugs. Voen.-med. zhur. no. 3:95 Mr '56.

Progress in the treatment of mental diseases. V. M. Morozov. Zhur. nevr. i psikh. 56 no. 7:591-599 '56.

PHARMACOLOGY—PERIODICALS see subdivision under Bulgaria; China; Poland

PHARMACOLOGY—SOCIETIES
(see also subdivision under Leningrad)

International Pharmaceutical Federation. Apt. delo 5 no. 4:57-58 Jl-Ag '56.

PHARMACY

Improve qualifications of the leading personnel of pharmaceutical institutions. A. S. Vishnevskii. Apt. delo 5 no. 4:36-39 Jl-Ag '56.

Increase the role of pharmaceutical clubs connected with pharmacies. Z. G. Gurvich. Apt. delo 5 no. 4:50-51 Jl-Ag '56.

Make sure that the work of pharmaceutical inspectors is productive. A. M. Ragimov. Apt. delo 5 no. 4: 36-37 Jl-Ag '56.

Preparation of specialists in the organization of pharmacy. M. N. Litvinenko. Apt. delo 5 no. 4:30-32 Jl-Ag '56.

PHARMACY, MILITARY—HISTORY see subdivision under Lubny

PHASE MICROSCOPE

Phase contrast microscopy in virusology. A. A. Avakian, A. T. Akopian, M. M. Busniuk. Biofizika 1 no. 4:383-386 '56.

PHASE RULE AND EQUILIBRIUM

Certain contradictions in Ehrenfest's theory of second order phase transition. I. P. Bazarov. Zhur. fiz. khim. 30 no. 5:1177-1178 My '56.

Certain problems in thermodynamics of binary mixtures. V. K. Semenchenko. Izv. Sekt. fiz.-khim. anal. 27:30-35 '56.

Concerning the paper by V. P. Skripov and V. K. Semenchenko "Second order phase transitions and critical phenomena. Part 5. The heat capacity maximum in the critical region of separation of binary liquid systems." Kh. I. Amirkhanov, I. G. Gurvich, E. V. Matizen. Zhur. fiz. khim. 30 no. 5:1158-1161 My '56.

Diagrams of phase transitions for RbCl -- $ZnCl_2$ and CsCl -- $ZnCl_2$. B. F. Markov, I. D. Panchenko, T. G. Kostenko. Ukr. khim. zhur. 22 no. 3:287-291 '56.

Heterogeneous equilibriums in aqueous ternary systems of beryllium chloride with chlorides of metals from the first group. V. P. Blidin. Zhur. ob. khim. 26 no. 5: 1281-1285 My '56.

PHENOL—PHYSIOLOGICAL EFFECT

Effect of synestrol on the blood and blood-producing organs. K. P. Zak. Fiziol. zhur. [Ukr.] 1 no. 3:91-94 My-Je '55.

PHENOLASES

Oxidation of amino acids in the presence of tannic substances and polyphenoloxidase of tea [with English summary in insert]. V. R. Popov. Biokhimiia 21 no. 3:380-384 My-Je '56.

PHENOLOGY

Nature calendar in the elementary school. E. A. Valer'ianova. Nach. shkola 24 no. 9:42-44 S '56.

Nature's holiday. K. Vachnadze. Smena 33 no. 13:23 Jl '56.

PHENOLS

Color reaction for phenols with ferric chloride. V. I. Kuznetsov. Trudy Kom. anal. khim. 7:174-193 '56.

Manufacture of phenol and acetone from isopropylbenzene. B. D. Kruzhalov, P. G. Sergeev. Khim. nauka i prom. 1 no. 3:287-297 '56.

Means of purifying phenol sewage. N. O. Grigoruk. Gig. i san. 21 no. 7:8-14 Jl '56.

Vitamin P acitivity of some di- and triphenols. IE. F. Shamrai, Z. V. Karpliuk. Ukr. biokhim. zhur. 28 no. 2: 231-234 '56.

PHENYLAMINE

Changes in the rate of blood flow under the influence of neurotropic substances. F. E. Gulineva. Terap. arkh. 28 no. 4:41-44 '56.

PHEOPHORBIDES

Influence of water on the adsorption spectrum and photosensitivity of iron pheophorbide. M. S. Ashkinazi, I. P. Gerasimova, B. IA. Dain. Dokl. AN SSSR 103 no. 4: 655-658 Je '56.

PHILADELPHIA—WATER—PURIFICATION

Mechanical and chemical purification of industrial waste water of a Philadelphia refinery (From "The Petroleum Engineer" no. 11, 1954). IA. A. Karelin. Vod. i san. tekh. no. 5:32-35 My '56.

PHILOLOGY

Resolution dated January 31, 1956 of the general assembly of the Department of Literature and Language of the Academy of Sciences of the U. S. S. R. Izv. AN SSSR. Otd lit. i iaz. 15 no. 3:275-277 My-Je '56.

PHILOSOPHY
(see also subdivision under Japan)

In the Institute of Philosophy; (discussion of problems of the institute and of the journal "Problems of philosophy." Vest. AN SSSR 26 no. 7:75-77 Jl '56.

PHILOSOPHY—CONGRESSES see subdivision under Berlin

PHILOSOPHY—HISTORY

Discussion on the "Outline history of the philosophical, social, and political thought of the peoples of the U. S. S. R." Vop. ist. no. 6:194-201 Je '56.

Principal errors in the interpretation of the history of Russian social and political thought. S. A. Pokrovskii, S. V. Paparigopulo. Vop. ist. no. 6:132-143 Je '56.

Two volume work on "The outline history of philosophical and social-political thought of the people of the U. S. S. R." Reviewed by M. V. IAkovlev. Vest. AN SSSR 26 no. 7: 94-100 Jl '56.

PHILOSOPHY, ARMENIAN—HISTORY

Ethical views of Armenian bourgeois enlighteners in the second half of the 18th century. G. Grigorian. Izv. AN Arm. SSR. Obshchestv. nauki no. 6:55 '56.

PHILOSOPHY OF HISTORY see History—Philosophy

PHONOGRAPH

"Eutonia" combination radio phonograph. H. Roudaepp, A. Normet. Radio no. 7:21-25 Jl '56.

Speaking stand. N. Prokopchenko. Klub 5 no. 5:13 My '56.

PHONORECORDS *see* subdivision under United States

PHOSPHATASE

Alkaline blood phosphatase as an objective indicator of ultraviolet insufficiency. A. P. Parfenov, V. G. Aleksandrova. Voen.-med. zhur. no. 5:65-66 My '56.

Effect of ultraviolet radiation on some enzymatic proteins. M. A. Kolomiichenko. Ukr. biokhim. zhur. 28 no. 3:164-170 '56.

PHOSPHATES

Bacteria that decompose tricalcium phosphate. V. N. Uarova. Dokl. Akad. sel'khoz. 31 no. 6:32-36 Je '56.

Combined application of phosphate and superphosphate fertilizers. M. M. Muzaneva. Mosk. kolkh. 5 no. 7:30 Jl '56.

Concentrated phosphorus fertilizers. S. K. Voskresenskii. Khim. nauka i prom. 1 no. 3:129-130 '56.

Manganized superphosphate, a new fertilizer. P. A. Vlasiuk, Sakh. svekl. no. 3:33-37 My '56.

Thermic phosphates. N. N. Postnikov, A. A. Ionass. Khim. nauka i prom. 1 no. 2:150-154 '56.

PHOSPHATES--TOXICOLOGY

Effect of vitamin P on the toxic effects of poisons of conjugated phosphorylation. E. V. Moreva. Biul. eksp. biol. med. 42 no. 7:43-44 Jl '56.

PHOSPHATIDES

Phosphatides in the nervous system. E. M. Krepa. Usp. sovr. biol. 41 no. 3:201-203 My-Je '56.

PHOSPHINIC ACID

Derivatives of $\alpha$-aminoalkylphosphinic acids. Esters of $\alpha$-isocyanatoalkylphosphinic acids and their conversions. T. IA. Medved', M. I. Kabachnik. Inv. AN SSSR. Otd. khim. nauk no. 6:684-691 Je '56.

PHOSPHINOUS ACID

Irregular reaction of $\alpha$,-halo ketones with esters of phosphorus acid. Part 2. Reactions of chloro- and bromoacetone with esters of phosphorus and phenylphosphinous acids. A.N.Pudovik, V.P.Aver'ianova. Zhur. ob. khim. 26 no. 5:1426-1431 My '56.

Research in the series of derivatives of alkylphosphinous and alkylphosphinic acids. Part 3. Atomic refraction of phosphorus and esters of alkylphosphinous acids. A.Razumov, O.Mukhacheva. Zhur. ob. khim. 26 no. 5:1436-1440 My '56.

PHOSPHORESCENCE

Effect of concentration and of the solvent on the phosphorescence of aromatic compounds at low temperatures. P. A. Tepliakov, B. A. Plamitskii. Izv. AN SSSR. Ser. fiz. 20 no. 5:520-523 My '56.

Investigating the fluorescence and phosphorescence capacities of complex organic molecules. V. V. Zelinskii and others. Izv. AN SSSR. Ser. fiz. 20 no. 5:507-513 My '56.

Paramagnetism of boric phosphors in the phosphorescent state. N. A. Lebedev, I. D. Shmerkovich. Izv. AN SSSR. Ser. fiz. 20 no. 5:529-532 My '56.

Sensitized phosphorescence in aromatic compounds (energy transfer from a triplet level to another triplet state). V. L. Ermolaev. Izv. AN SSSR. Ser. fiz. 20 no. 5:514-519 My '56.

Temperature quenching of phosphorescence of some aromatic acids. B. A. Plamitskii, M. S. Fadeeva. Izv. AN SSSR. Ser. fiz. 20 no. 5:524-528 My '56.

PHOSPHOROUS ACID

Irregular reaction of $\alpha$-halo ketones with esters of phosphorus acid. Part 2. Reactions of chloro- and bromoacetone with esters of phosphorus and phenylphosphinous acids. A.N.Pudovik, V.P.Aver'ianova. Zhur. ob. khim. 26 no. 5:1426-1431 My '56.

Irregular reaction of $\alpha$-halo ketones with esters of phosphorous acid. Part 3. Reaction of $\alpha$, $\alpha$- and $\alpha$, $\gamma$-dihalo ketones with triethylphosphite. A.N.Pudovik, L.G.Salakhova. Zhur. ob. khim. 26 no. 5:1431-1436 My '56.

Preparation of certain alkyl-$\beta$-oxyethylphosphorous acids. E.L.Gefter. Zhur. ob. khim. 26 no. 5:1440-1442 My '56.

PHOSPHORS--MAGNETIC PROPERTIES

Paramagnetism of boric phosphors in the phosphorescent state. N. A. Lebedev, I. D. Shmerkovich. Izv. AN SSSR. Ser. fiz. 20 no. 5:529-532 My '56.

PHOSPHORS--SPECTRA

On two types of luminescence spectra of rare earths in artificial fluorite crystals. I. V. Stepanov, P. P. Feofilov. Dokl. AN SSSR 108 no. 4:615-618 Je '56.

PHOSPHORUS

Galstian, A.Sh. [The distribution of nitrogen and phosphorus in the cotton plant] Raspredelenie azota i fosfora v khlopchatnike. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955, 103 p.

Penetration of radioactive phosphorus into the organism through normal and damaged skin. N. V. Lazarev, Vest. rent. i rad. 31 no. 3:7-11 My-Je '56.

Phosphobacterin and conditions for its application. N. A. Meshkova. Pochvovedenie no. 5:75-79 My '56.

PHOSPHORUS--ISOTOPES

Effect of radioactive phosphorus on the general condition and nucleic function of the parathyroid glands. P. N. A. Zhuba. Vop. onkol. 2 no. 3:263-268 My-Je '56.

Production of new forms of the parathyroid hormone parathyrin $I.V._{70}$ following irradiation with radioactive isotopes. V. I. Kamov. Sb. trud. Kuibyshev. gos. med. in-ta 25:39-44 '56.

Using labeled atoms to investigate certain questions in experimental rickets. I. A. Pribytkova. Vest. rent. i rad. 31 no. 3:42-46 My-Je '56.

PHOSPHORUS ISOTOPES PHYSIOLOGICAL EFFECT

Injury of the organism caused by the ingestion of small doses of radioactive phosphorus. V. A. Tsvetkova. Biofizika 1 no. 3:251-258 '56.

PHOSPHORUS IN THE BODY

Alimentary phosphorescence in swine. [A. A. Dzerzhinskii and others. Sviноводство no. 4:38-40 Je '56.

PHOSPHORUS METABOLISM

Alkali-soluble phosphorus fractions in the gastric mucosa [with English summary in insert]. P. N. Smirnov. Biokhimiia 21 no. 3:420-423 My-Je '56.

Composition and metabolism of phosphorus compounds in the hepatic matrix of normal rabbits. N. P. Shchedrina. Vop. med. khim. 2 no. 2:170-175 Mr-Ap '56.

Dynamics of labile phosphorus compounds in the liver during normal starving conditions and during hypothyroidism. A. Ia. Khovrov. Vop. med. khim. 2 no. 2:147-153 Mr-Ap '56.

Inclusion of phosphorus in labile and fat fractions of compounds found with acid-base extraction of tissues with the following total body irradiation. A. S. Orlov. Med. rad. 1 no. 2:65-70 Mr-Ap '56.

Labile phosphorus compounds of muscles during the application and removal of a tourniquet. N. M. Morozova. Vop. med. khim. 2 no. 2:111-114 Mr-Ap '56.

Process of tissue respiration and of oxidative and oxidative phosphorylation in radiation sickness (experimental animals). I. V. Mikhina. Med. rad. 1 no. 2:55-59 Je-Jl '56.

Role of the glycolytic and oxidative mechanisms of phosphorus metabolism [with English summary in insert]. G. P. Dievenskaia. Biokhimiia 21 no. 3:434-440 My-Je '56.

Using the radioactive isotope method for studying the intensity of phosphorus metabolism of organs affected by tuberculosis. Ro. K. Nesmeianova. Vest. rent. i rad. 31 no. 3:3-6 My-Je '56.

PHOSPHORYL CHLORIDE

Phosphoryl-containing ethylenimine derivatives. Reaction of tetraethylenediphosphoryldiamide with triethylenephosphoramide chloride. N. P. Grechkin. Izv. AN SSSR. Otd. khim. nauk no. 5:938-943 My '56.

PHOSPHORYLATION

Effect of chloral hydrate and morphine on oxidative phosphorylation in the isolated liver tissues of guinea pigs. K. I. Mirskaitskii, I. A. Tsaritis. Vop. med. khim. 2 no. 2:84-88 Mr-Ap '56.

PHOTOCHEMISTRY

Photochemical chlorination of phenyltrichlorosilane. A. D. Petrov, and others. Zhur. ob. khim. 26 no. 5:1229-1233 My '56.

Photochemical decomposition of the esters of benzoin and of its derivatives (with English summary in insert). N. A. Prilezhaeva. Zhur. fiz. khim. 30 no. 5:1044-1047 My '56.

Reversible photochemical decolorizing of dyes adsorbed on microporous glass (with English summary in insert). A. V. Kurbatov. Zhur. fiz. khim. 30 no. 5:1062-1064 My '56.

Surface chemical compound of silica and methanol and its photoluminescence (with English summary in insert). L. N. Kurbatov. Zhur. fiz. khim. 30 no. 5:1062-1066 My '56.

PHOTOCONDUCTIVITY

Dark conductivity of silver bromide crystals. V. V. Obukhovskii, P. V. Meshkiar. Zhur. eksp. i teor. fiz. 30 no. 5:833-834 My '56.

Kinetics of photocurrent growth and the phenomenon of photoconductivity quenching in cadmium sulfide. A. D. Shneider. Zhur. tekh. fiz. 26 no. 7:1423-1432 Jl '56.

Photoconductivity quenching in mercury sulfide. A. D. Shneider. Zhur. tekh. fiz. 26 no. 7:1433-1435 Jl '56.

PHOTOCOPY *see* Lumiprint

PHOTOELECTRIC CELLS

Characteristics of photoresistance cells of semicrystalline cadmium sulfide. B. T. Kolomiets, A. G. Ozerk. Elektrichestvo no. 6:35-36 Je '56.

PHOTOGRAPHY—REPRODUCTION OF PLANS, DRAWINGS, ETC.

Vertical reproduction equipment. N. M. Dyn'kina. Zhur. nauch. i prikl. fot. i kin. 1 no. 3:235 My-Je '56.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

"Publications of the Agfa scientific photographic laboratory" [in German]. Vol. 7. Reviewed by V. I. Sheberstov. Zhur. nauch. i prikl. fot. i kin. 1 no. 3:237 My-Je '56.

PHOTOGRAPHY—STUDIOS AND DARKROOMS

Efficient lighting for X-ray darkrooms. B. S. Vinogradov. Voen.-med. zhur. no. 9:73-75 S '51.

PHOTOGRAPHY, AERIAL

"Physical aspects of air photography [in English]." G. C. Brock. Reviewed by G. A. Istomin. Zhur. nauch. i prikl. fot. i kin. 1 no. 3:239-240 My-Je '56.

Using color photography in the aerial surveying of forests. L. M. Popov. Les. khoz. 9 no. 6:10-15 Je '56.

PHOTOGRAPHY, ASTRONOMICAL see Astronomical photography

PHOTOGRAPHY, COLOR see Color photography

PHOTOGRAPHY, INFRARED

Infrared photography. S. Ippolitov. Nauka i zhizn' 23 no. 6:51 Je '56.

New highly sensitive infrachromatic film. S. M. Solov'ev. Zhur. nauch. i prikl. fot. i kin. 1 no. 3:233-234 My-Je '56.

PHOTOGRAPHY, MEDICAL

Using liquid emulsions in histoautoradiography. N. D. Gracheva, L. N. Zhinkin, E. I. Sheberban'. Med. rad. 1 no. 2:87-93 Mr-Ap '56.

PHOTOGRAPHY, PARTICLE TRACK

Observation of positive hyperon decays and of a single-charge hyperfragment. V. V. Alpers, I. I. Gurevich, A. P. Mishinkova. Dokl. AN SSSR 100 no. 2:207-2109 My '55.

PHOTOGRAPHY, SUBMARINE

Submarine world. N. Pavlov. Vokrug sveta. no. 6:17-20 Je '56.

PHOTOMETRY

Serial production of "LIOT" controlling and measuring instruments. I. A. Kudachkov. Teploenergetika 3 no. 7:64 Jl '56.

Wedge-shaped diaphragms for photometers. V. A. Shamburov, V. N. Grechushnikov. Izm. tekh. no. 3:52-56 My-Je '56.

PHOTOMETRY, ASTRONOMICAL see subdivision under Stalinabad

PHOTOMICROGRAPHY

Device for photographing and sketching microscopic specimens. Iu. V. Kurochkin. Priroda 45 no. 7:110 Jl '56.

PHOTOPERIODISM

Effect of conditions during the photophase on changes in the morphological characters of some plants. F. F. Leisle. Trudy Bot. inst. Ser. 4 no. 11:241-269 '56.

Effect of photoperiodic conditions on the diurnal rhythm of movements of bean leaves (Phaseolus). B. S. Moshkov. Biofizika 1 no. 4:334-340 '56.

Effect of the length of the day on the growth and development of red clover. V. F. Koriakina. Trudy Bot. inst. Ser. 4 no. 11:288-317 '56.

Effect of the place of origin of seeds on the nature of the photophase in sorrel. P. F. Kononkov. Agrobiologiia no. 3:128-129 My-Je '56.

Formation of the inflorescence of foxtail millet in the light of the doctrine of phasic development of plants. T. A. Emikh. Uch. zap. Bash. gos. ped. inst. no. 4:173-179 '55.

Ontogenesis and the integrity of the plant organism. M. Kh. Chailakhian. Bot. zhur. 41 no. 4:487-509 Ap '56.

Phasic development of Sudan grass. T. A. Emikh. Uch. zap. Bash. gos. ped. inst. no. 4:180-185 '55.

Results of investigating the photophase in some rice varieties. V. A. Dubrovina. Agrobiologiia no. 3:31-34 My-Je '56.

Variability of some plants caused by disturbances in the course of the photophase. A. F. Bol'denkova. Trudy Bot. inst. Ser. 4 no. 11:270-287 '56.

PHOTOSYNTHESIS

Adaptive variations in the gas exchange of Persian walnut plants during acclimatization. E. N. Mikhaleva, I. N. Konovalov. Trudy Bot. inst. Ser. 4 no. 11:47-61 '56.

Changes in photosynthesis and some other physiological processes during the ontogenic development of plants in connection with different environmental conditions. G. S. Gorbunova. Trudy Bot. inst. Ser. 4 no. 11:165-207 '56.

Characteristics of the connection between gas exchange and the accumulation of dry substance in plants growing under different conditions. E. N. Mikhaleva. Trudy Bot. inst. Ser. 4 no. 11:110-164 '56.

The course of carbon in photosynthesis [with English summary in insert]. E. A. Bolchenko, N. I. Zakharova. Biokhimiia 21 no. 3:374-379 My-Je '56.

Daily and seasonal course of photosynthesis and the accumulation of dry substance in potatoes, tomatoes, and makhorka. E. IA. Ermolaeva. Trudy Bot. inst. Ser. 4 no. 11:208-224 '56.

Effect of cations of potassium, sodium, and calcium on the intensity of photosynthesis. N. P. Voskresenskaia. Trudy Inst. fiziol. rast. 6 no. 1:53-68 '48.

Effect of phosphate nutrition on photosynthesis and the growth of sunflowers. T. F. Andreeva. Trudy Inst. fiziol. rast. 6 no. 1:212-236 '48.

Mystery of green leaves. I. Vol'per. IUn. nat. no. 5:35-37 Ag '56.

The physiological role of chlorophyll in tomato fruits [with English summary in insert]. A. L. Kursanov, B. B. Karapetian. Fiziol. rast. 3 no. 3:214-224 My-Je '56.

Quality of fertilization and intensity of assimilation and respiration in the pumpkin and sunflower [with English summary in insert]. B. A. Bystrov, A. P. Pavlova, E. A. Fal'kenberg. Fiziol. rast. 3 no. 3:185-190 My-Je '56.

Relation between the photosynthesis of leaves and the assimilate consumption of plants. A. A. Gurevich, O. N. Miachina. Fiziol. rast. 3 no. 4:328-332 Jl-Ag '56.

Some data on investigating photosynthesis in terrestrial plants by the manometric method. V. A. Mukhina. Trudy Bot. inst. Ser. 4 no. 11:225-240 '56.

Storage of light energy during the photochemical reaction of chlorophyll and its analogs (with English summary in insert). A. A. Krasnovskii. Zhur. fiz. khim. 30 no. 5: 998-905 My '56.

"Using radioactive carbon for studying photosynthesis." O. V. Zalenskii, O. A. Semikhatova, V. L. Voznesenskii. Reviewed by N. P. Voskresenskaia, L. N. Bell. Fiziol. rast. 3 no. 4:387-388 Jl-Ag '56.

PHOTOTELEGRAPHY

Evaluating the resistance to interference in phototelegraphic transmissions. B. Z. Kisel'gof. Elektrosviaz' 10 no. 8:60-69 Ag '56.

PHTHALOCYANINE

Effect of vapors and gases on the internal photoeffect of phthalocyanines containing different metals (with English summary in insert). E. K. Putseiko, A. N. Terenin. Zhur. fiz. khim. 30 no. 5:1010-1027 My '56.

PHYLLOPODA, FOSSIL see subdivision under Altai Mountains; Sayan Mountains

PHYLLOXERA

Viticulture on individual homesteads and Phylloxera in grapes. K. S. Ruznev. Vin. SSSR 16 no. 4:41-42 '56.

PHYSICAL CHEMISTRY see Chemistry, Physical and theoretical

PHYSICAL EDUCATION AND TRAINING

(see also subdivision under Donest Basin; Khanlar District; Kharkov; Krasnograd District; Leningrad; Moscow Province; Pyongyang, Korea; Ukraine; White Russia)

All-Union conference on the psychology of sports. P. A. Rudik. Vop. psikhol. 2 no. 3:115-121 My-Je '56.

Before the start. V. Volkov. Fizk. i sport 26 no. 7: 23 '56.

Body hardening and strength of will. M. M. Botvinnik. Zdorov'e 2 no. 8:8 Ag '56.

A festival of youth, strength, and beauty. A. Vasil'ev. Klub 6 no. 8:15 Ag '56.

For the sake of health. E. Vasil'ev. Ogonek 34 no. 24: 27 Je '56.

In the Department of Psychology of Lesgaft Institute of Physical Culture. A. TS. Puni. Vop. psikhol. 2 no. 3: 114-115 My-Je '56.

In the yard of house no. 79. Vozhatyi 32 no. 7:46-47 Jl '56.

It is time to settle some pressing problems. V. A. Vanin. Sred. spets. obr. no. 6:48-50 Je '56.

Korolkov, I. M. [The "Ready for Labor and Defense" Organization in the Pioneer camp] BGTO v pionerskom lagere. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 93 p.

Makartsev, N.A. [Work organization of physical culture groups] Organizatsiia raboty fizkul'turnogo kollektiva. Moskva, Gos. izd-vo "Fizkul'tura i sport," p. 146.

Physical education and prophylaxis. I. A. Kriachko. Zdorov'e 2 no. 8:6-8 Ag '56.

"Physical education and sports" pavilion in the All-Union Agricultural Exhibition. A. A. Volkov. Teor. i prak. fiz. kul'. 19 no. 7:532-539 Jl '56.

Physical education should be part of the people's daily life. N. N. Romanov. Zdorov'e 2 no. 8:1-2 Ag '56.

Plenum of the Scientific and Methodological Council on the results of scientific research work of physical education institutes in 1955. Teor. i prak. fiz. kul'. 19 no. 7:558-559 Jl '56.

Public instructors in physical education. Mast. ugl. 5 no. 7:30 Jl '56.

Rozina, F. B. [On the right road] Na vernom puti. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 93 p.

Some results and prospects of Soviet biochemistry of sports in setting up principles and methods of sports training. N. N. IAkovlev. Teor. i prak. fiz. kul'. 19 no. 7:520-531 Jl '56.

The Spartakiada is a Soviet youth festival. Teor. i prak. fiz. kul'. 19 no. 7:481-487 '56.

Sports in parks of culture and rest. Fizk. i sport 26 no. 7:9 '56.

They are our future. Dm. Bal'termants. Ogonek 34 no. 32:2-3 Ag '56.

Train youth to be healthy, strong, and hard. Nar. obr. no. 7:3-8 Jl '56.

The trainer and his pupil. V. Tennov. Leg. atl. no. 5: 26-28 My '56.

Why is warming up necessary. V. M. Volkov. Zdorov'e 2 no. 8:5 Ag '56.

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY see Bibliography—Physical education and training

PHYSICAL EDUCATION AND TRAINING—CONGRESSES see subdivision under Naples

PHYSICAL EDUCATION AND TRAINING, MILITARY

Methods of medical inspection during physical training lessons. N. G. Sadchikov. Voen.-med. zhur. no. 9:21-25 S '55.

PHYSICAL EDUCATION FOR CHILDREN

IAnkelevich, E.I. [Gymnastics for infants] Gimnastika dlia detei grudnogo vozrasta. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 68 p.

Physical culture methods for children with rheumatic diseases. E. I. IAnkelevich. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:55-59 Ja-Mr '56.

Physiological principles of early specialization. A. Korobkov. Leg. atl. no. 5:15-16 My '56.

[Sport for children] Sport - detiam. Moskva, Gos. izd-vo "Fizkul'tura i sport."

No. 3. [Track athletics, swimming, rowing and hiking] Legkaia atletika, plavanie, grebliа, turizm. 1956. 254 p.

Sports calendar for a Pioneer group. P. Katrunov. Vozhatyi 32 no. 8:31-32 Ag '56.

Sports for young people. L. Shneider. Fizk. i sport 26 no. 8:21-22 '56.

PHYSICAL GEOGRAPHY

(see also subdivision under China; Dniester Valley; Georgia; Issyk-Kul Basin; Osh Karasu Oasis; Poland; Stalingrad)

Geomorphology of a relief composed of large knolls. S. G. Boch. Mat. VSEGEI no. 9:19-34 '55.

PHYSICAL GEOGRAPHY—ELECTROMECHANICAL ANALOGIES

Study of eroded forms of the relief by the experimental method. E. A. Nefed'eva, N. V. Khmeleva. Trudy Inst. geog. 63:5-36 '56.

PHYSICAL GEOGRAPHY—STUDY AND TEACHING

Using visual aids in teaching physical geography. A. A. TSvetaev. Uch. zap. Bash. gos. ped. inst. no. 4:197-209 '55.

PHYSICAL INSTRUMENTS

School supply in the new academic year. Fiz. v shkole 16 no. 4:90-91 Jl-Ag '56.

Utilization of homemade school appliances. A. A. Sadovshchikova. Fiz. v shkole 16 no. 4:92 Jl-Ag '56.

PHYSICAL METALLURGY

Correlations between various characteristics of final elastoplastic deformations. G. P. Zaitsev. Fiz. met. i metalloved. 2 no. 2:351-356 '56.

[Physical metallurgy and the heat treatment of steel and iron; a reference book] Metallovedenie i termicheskaia obrabotka stali i chuguna; spravochnik. Pod red. N. T. Gudtsova, M. L. Bernshteina, A. G. Rakhshtadta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 1204 p.

Research in the physics of metals (in the Ural branch of the Academy of Sciences of the U. S. S. R.). S. V. Vonsovskii. Vest. AN SSSR 26 no. 7:16-23 Jl '56.

PHYSICAL THERAPY

(see also subdivision under Moscow; Piatigorsk; Ukraine)

Brief news. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1: 95 Ja-Mr '56.

Conference on cardiology in Kislovodsk. E. P. Fedorova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:88-90 Ap-Je '56.

Joint session of the clinical medicine and medicalbiology sections of the Academy of Medical Sciences of the U. S. S. R., the Central Administration of Resorts and Sanatoriums, Ministry of Health of the U. S. S. R., and the Central Institute of Resort Therapy. N. Streikova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:83-88 Ap-Je '56.

Organization of physical therapy in the village. V. N. Sovetov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2: 60-63 Ap-Je '56.

PHYSICAL THERAPY (Continued)

"Physical therapy and physical prophylaxis of children's diseases," E. A. Ginzburg, D. V. Menert'. Reviewed by I. P. Khlystova. Vop. okh. mat. i det. 1 no. 4:85-96 Jl-Ag '56.

"Physical therapy in cardiovascular diseases," V. A. Ivanov. Reviewed by B. M. Brenderzon. Vop. kur. fizioter. ter. i fiz. kul't. 31 no. 2:267-70 Ap-Je '56.

Physical therapy rooms in children's homes. I. Landsman. Sots. obesp. 17 no. 3:40-41 Mr '56.

Physio- and balneotherapy of poliomyelitis and its after-effects. A. P. Sporangskii. Vop. kur. fizioter. i fiz. kul't. 21 no. 2:3-13 Ap-Je '56.

"Physiotherapy and physioprophylaxis of children's diseases," E. IA. Ginzburg, D. V. Menert'. Reviewed by S. S. Lepskii. Vop. kur. fizioter. i fiz. kul't. 21 no. 1:78-80 Ja-Mr '56.

Principles of the resort therapy for patients with after-effects of epidemic poliomyelitis. Kh. M. Freidin. Vop. kur. fizioter. i fiz. kul't. 21 no. 2:14-20 Ap-Je '56.

"Study in changes of the human skin's optical properties (albedo) during the action of some physiotherapeutic agents," N. N. Koshko. Reviewed by I. V. Vop. kur. fizioter. i fiz. kul't. 21 no. 3:70-80 Ap-Je '56.

Ten-day conference of the physicians of balneological and fangotherapeutic sanatoriums. V. N. Sovetov. Vop. kur. fizioter. i fiz. kul't. 21 no. 2:93-93 Ap-Je '56.

"Use of physical factors and physical exercise therapy in the compound treatment and prevention of some diseases." A. N. Obrosov. Reviewed by B. S. Magoranth and others. Vop. kur. fizioter. i fiz. kul't. 21 no. 1: 80-81 Ja-Mr '56.

Using some physical therapy methods in chronic gastritis. N. M. Vulutskii, Z. Sh. Shvarts, P. A. Muratova. Vrach. delo. no. 3:91-94 Mr '56.

PHYSICS

Frish, S. E., and A. V. Timoreva. [A course in general physics] Kurs obshchei fiziki. Izd. 7-oe, ispr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry.
Vol. I. [Physical principles of mechanics. Molecular physics. Vibrations and waves] Fizicheskie osnovy mekhaniki. Molekuliarnaia fizika. Kolebaniia i volny. 1956. 463 p.

PHYSICS--ABSTRACTS

[Physics; abstracts nos. 24656-27650] Referativnyi zhurnal: Fizika no. 9 '56.

PHYSICS--BIBLIOGRAPHY *see* Bibliography--Physics

PHYSICS--EXPERIMENTS

Laboratory exercises in physics. V. V. Pokrovskii and others. Fiz. v shkole 16 no. 4:83-86 Jl-Ag '56.

Readers' suggestions. Fiz. v shkole 16 no. 4:79-80 Jl-Ag '56.

PHYSICS--HISTORY

Laue, Max Theodor Felix von. [A history of physics. Translated from the German] Istoriia fiziki. Perevod s nemetskogo T. N. Gornshtein. Pod red. i so stat'ei I. V. Kuznetsova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 220 p.

PHYSICS--STUDY AND TEACHING
(see also subdivision under Hungary)

Applied science instruction in physics for grades 9 and 10 at lessons and in extracurricular work. I. G. Tkachenko. Rad. shk. 35 no. 7:20-27 Jl '56.

Club of young physicists. Fiz. v shkole 16 no. 4:92-93 Jl-Ag '56.

Connection between teaching physics and job training. O. I. Kozakova. Rad. shk. 35 no. 6:23-28 Ag '56.

Defense of candidate dissertations on the methodology of teaching physics. Fiz. v shkole 16 no. 4:95-96 Jl-Ag '56.

Examples of laboratory work in physics in an applied technology context for classes 8-10. B. I. Pereverzev. Uch. zap. Ped. inst. Gertsa. 110:21-31 '56.

Explanation of topics related to the sixth five-year plan in class instruction. F. V. Prigorovskii. Fiz. v shkole 16 no. 4:30-38 Jl-Ag '56.

Industrial excursions in the field of physics as one means of effectuating applied science instruction. K. K. Martynova. Uch. zap. Ped. inst. Gertsa. 110:33-55 '56.

Instruction from the point of view of applied technology in analyzing material in physics lessons. P. A. Znamenskii. Uch. zap. Ped. inst. Gertsa. 110:5-20 '56.

Interrelation between manual training and the teaching of physics. N. F. Menshutin. Fiz. v shkole 16 no. 4:49-50 Jl-Ag '56.

"Mechanical vibrations and waves in physics school courses." D. K. Shavshuk. Reviewed by A. A. Pinskii. Fiz. v shkole 16 no. 4:82-83 Jl-Ag '56.

Organizing a physics and technical club in a rural school. A. S. Markov. Uch. zap. Ped. inst. Gertsa. 110:57-77 '56.

Physics clubs in rural schools. P. L. Liatin. Fiz. v shkole 16 no. 4:93 Jl-Ag '56.

Practical work in physics in a pedagogical institute. G. A. Rozman. Vest. vys. shkoly 14 no. 8:92 Ag '56.

Work in physics outside of class. S. I. [illegible] spetsshk. no. 8-21 '56. Ag

PHYSICS, TUBERCULAR *see* Tuberculosis

PHYSIOLOGICAL APPARATUS

Apparatus for the investigation of [illegible] animals. M. P. Rokitskii. [illegible] no. 4:121-130 Jl-Ag '56.

Combined apparatus for studying the [illegible] and training of them. A. I. Dmitr[illegible] no. 5:71-75 My '56.

Easier method for the prepla[illegible] cal processes. M. A. Ilyin. [illegible] 77-78 My '56.

Electrocardiographic injector. B. N. [illegible] med. clin. no. 5:75-76 My '56.

Electrogalvanic radical cautery. I. A. [illegible] med. clin. no. 5:76-78 My '56.

New medical, physiological, and [illegible] R. I. Manolikas, M. A. Fomin. Med. [illegible] 84 p. '56.

Simultaneous study of specialized and [illegible] actions to given by pulses of a [illegible] Evtushev. Vop. pitan. 15 no. 3:[illegible] '56.

PHYSIOLOGICAL CHEMISTRY

Coordinating conference on the [illegible] system. IA. V. Pliss. Vop. fiziol. [illegible] 248-249 '56.

PHYSIOLOGICAL EFFECT OF CAFFEINE *see* Caffeine, Physiological effect

PHYSIOLOGICAL OPTICS *see* Optics, Physiological

PHYSIOLOGICAL THERAPEUTICS *see* Therapeutics, Physiological

PHYSIOLOGY

Classification of psychogenital [illegible] tion of their effect on the [illegible] kii's system. P. G. Popov, [illegible] kur. fizioter. i fiz. kul't. 21 no. 2:21-25 Ap-Je '56.

PHYSIOLOGY BIBLIOGRAPHY *see* Bibliography, Physiology

PHYSIOLOGY--CONGRESSES

At the Eighth Congress of the All-Union [illegible] Physiologists, Biochemists, and Pharm[illegible] Maharchenko, A. F. Rokitskaia. Biul. eksp. [illegible] no. 4:111-121 My-Je '56.

Preparing for the coming All-Union Congress of Physiologists, Biochemists, and Pharmacologists. Fiziol. zhur. [Ukr.] 1 no. 1:134-135 Ja-F '55.

PHYSIOLOGY, VEGETABLE *see* Botany, Physiological

PHYTOGEOGRAPHY
(see also subdivision under Estonia; Great Khingan region)

The rule of proportions. M. A. Ilyin. [illegible] no. 4:76-81 Ap '56.

"Using the geobotanical method in geological and [illegible] geological research." P. V. Viktorov. Reviewed by M. I. Kolby. Bot. zhur. 41 no. 1:115-123 '56.

PHYTOHORMONES *see* Hormones (Plants)

PHYTONCIDES

Effect of mustard phytoncides on [illegible] periods of hot smoked fish. P. P. Zhuravel. Rab. khoz. 32 no. 8:18-19 Je '56.

Prophylaxis and treatment of [illegible] phytoncides. I. L. Natkus. Vop. okh. mat. i det. 1 no. 4:88-91 Jl-Ag '56.

Secretion of volatile organic [illegible] by plants. G. A. Rasulov. Dokl. AN Uzb. SSR 17 no. 3:29-33 '56.

PHYTOPATHOLOGY *see* Plant diseases

PHYTOPLANKTON *see* subdivision under Ukraine

PIATIGORSK--PHYSICAL THERAPY

Reflected symptoms as observed in patients with lumbosacral radiculitis during therapy at the Pyatigorsk resort. M. M. Klimenko and others. Vop. kur. fizioter. i fiz. kul't. 21 no. 2:49-52 Ap-Je '56.

PICASSO, PABLO, 1881-

Picasso recognized Picasso; to H. G. Clouzot's motion picture was awarded a special prize at the Cannes festival. Andre Verdet. V mashen. mira no. 61:45-50 Je '56.

PICRIC ACID

Thermal analysis and the microstructural studies of addition compounds of picric acid and cyclic hydrocarbons (with English summary in insert). E. IA. Miudovich. Zhur. fiz. khim. 30 no. 5:1052-1057 My '56.

PICTORIAL JOURNALISM *see* Journalism, Pictorial

PIECEWORK

Piecework payment system for construction workers. N. A. Denisov. Strot. proiz. nauk. prom. 1 no. 3:26-31 My '56.

PIGMENTS, MINERAL

[illegible]

PIGMENTS

[illegible]

PIGMENTS *see* Dyes and dyeing

PILE DRIVERS

[illegible]

PILGRIMS AND PILGRIMAGES

[illegible]

PILGRIMS, TOURISTS

American observations on the Black Sea region. E. Dragomirescu. Viata sovet. no. 6:80-81 Je '56.

PILGRIMS, MANNY MIKHAILOVICH, 1893-1956

Manny Mikhailovich Pilgrim. P. Semenovskii. Izmerit. tekh. no. 9:47 [illegible] '56.

PILOCARPINE

Investigations on the effect of pilocarpine and of [illegible] Pavlov on secreting [illegible] Kvesh. Biul. eksp. biol. med. 41 no. 1:[illegible] '56.

PILOT BALLOONS *see* Balloons, Pilot

PILOTING *see* Aeronautics--Piloting

PIN

Preserving [illegible] of Soviet pins on the Mediterranean coast of the U. S. S. R. Trudy Gos. [illegible] Sbor. 41 no. 3:[illegible] Ap '56.

Vegetation on loose [illegible] phytoncides. Kh. M. Kheifets. Biul. eksp. biol. med. no. 11:[illegible] '56.

Rose trees plus needles. M. G. Gorbunova. Priroda 45 no. 6:[illegible] '56.

Wood as seed [illegible] plants. A. V. Sokolov. Biul. prirod. otd. Inst. AN SSSR no. 4:[illegible] '56.

PING-PONG *see* Table tennis

PINERAY, MICHAEL

Soviet films ("Nightingale-robber" motion picture). Pinerai. Reviewed by Yu. Zolotov. Sovetskii [illegible] no. 7:80-81 Jl '56.

PINEX--MANUSCRIPTS, WHITE ELEPHANTS

Old manuscript. A. Lavrenti. Rabotnik 32 no. 8:27 Ag '56.

PIONEERS (COMMUNIST YOUTH)
(see also subdivisions under Bucharest; Hungary; Minsk; Odessa; Penzyan Province; Shanghai; Ukraine; Russia)

Assemblies dear to Pioneers. V. Kolesnikov, A. Tsvetkov. Vozhatyi 32 no. 2:15-16 Jl '56.

Diaries of a Pioneer's [illegible]. S. Zhuravlev. Pioner no. 7:29 Jl '56.

Communist Youth and Pioneer camps on collective farms. B. L'vov. Pioner no. 6:45-47 Je '56.

Detachmasters are necessary. G. Shvarchkopf. Vozhatyi 32 no. 2:13-14 Ag '56.

Dreams and life. K. Prokofiev. Pioner no. 8:10-11 Ag '56.

In a city Pioneer camp. N. Kovda. Sov. kniga [illegible] no. 3:7 My-Je '56.

Young hosts. N. I. Petrov-Bytov. Pioner no. 6:3-4 Je '56.

Our correspondence. Pioner no. 6:25-28 Je '56.

Pioneer leaders ask us. Pionerskaia 32 no. 6:5-10 Je '56.

PIONEERS (COMMUNIST YOUTH) (Continued)
Plans should become deeds. I. Mitina. Vozhatyi 32 no. 8:2-4 Ag '56.
Retort to the newspaper "IUnyi Leninets." Mol. komm. 14 no. 7:112 Jl '56.
Sometimes it happens this way. Vozhatyi 32 no. 8:10-11 Ag '56.
Talk with pioneer activists; Merry vacations. L. Fridman. Pioner no. 12:59-61 D '53.
The teacher and the Pioneer detachment. N. V. Kholmovskaia. Ucheb.-vosp. rab. v dets. dom. no. 39:40-56 '55.
Three friends. N. Matorin. Rabotnitsa 34 no. 7:16-17 Jl '56.
Useful beginning ("Work with Pioneers in the school"). Sov. pedagog. 20 no. 7:118-120 Jl '56.
We are answering Tamara Barinova; a letter to the editor. Vozhatyi 32 no. 8:7-9 Ag '56.
What Pioneers like to see in their leader. Vozhatyi 32 no. 8:18-19 Ag '56.
What worries me... V. Vysotskii. Vozhatyi 32 no. 7:22 Jl '56.

PIONEERS (COMMUNIST YOUTH)—BIBLIOGRAPHY see Bibliography—Pioneers (Communist youth)

PIPE
Creep in oval and variably walled pipes. L. M. Kachanov. Izv. AN SSSR. Otd. tekh. nauk no. 9:65-71 S '56.
Graphic nomogram for the hydraulic calculation of circular pressureless pipes. G. S. Khovanskii. Rats. i izobr. predl. v stroi. no. 129:11-13 '56.
Nomogram for the hydraulic calculation of rectangular chutes with a width from 0,2 to 0,6 meters. Rats. i izobr. predl. v stroi. no. 129:14-15 '56.
Pipes made of a heat resistant alloy. V. S. Mikheev. Vest. AN SSSR 26 no. 7:40-42 Jl '56.
Portable pipe cutter. I. I. Kosolapov. Energetik 4 no. 7:20-21 Jl '56.
Some considerations of earthquake resistance of underground pipes. R. M. Mukurdumov. Vod. i san. tekh. no. 5:12-16 My '56.

PIPE, CONCRETE
(see also subdivision under United States)
Experience with producing concrete pipes by the vibration-vacuum method. L. S. Zamakhaev. Gidr. stroi. 25 no. 3:56-57 Ap '56.
New type of drain pipe. V. Meinaikanis. Gidr. i mel. 8 no. 6:49 Je '56.
Water insulation in rapid pipeline construction. B. G. Lobachevskii, I. P. Nosachev. Transp. stroi. 6 no. 6:20 Je '56.

PIPE, PLASTIC
Conduits and a new instrument for driving braces. K. K. Lipodat. Stroi. pred. neft. prom. 1 no. 6:29-31 Ag '56.
Flexible pipes in irrigation. I. I. Velichko. Gidr. i mel. 8 no. 6:19-23 Je '56.

PIPE, STEEL
Directives on steel pipe economy in planning and erecting electrical installations. Biul. stroi. tekh. 13 no. 6:27-28 Je '56.
The use of phosphate coatings in cold drawing of pipes. M. A. Freiberg. Metallurg no. 6:31-34 Je '56.

PIPE, STEEL—CORROSION
Anticorrosive protection of pipes during transportation and storage. M. S. Goncharevskii, N. V. Bogoiavlenskaia. Stal' 16 no. 7:619-623 Jl '56.
Investigating corrosion-abrasive wear of the steel used for water economizer boiler tubes. O. N. Muravkin, A. V. Riabchenkov. Tren. i izn. mash. no. 11:81-107 '56.

PIPE, STEEL—STANDARDS
Directive on the use in construction work of steel pipes with an outside diameter of more than 100 millimeters and petroleum pipes. Biul. stroi. tekh. 13 no. 6:28-29 Je '56.

PIPE, STEEL—WELDING
Automatic butt welding of pipes that cannot be rotated. V. R. Verchenko, A. V. Petrov, M. I. Baranov. Svar. proizv. no. 6:22-26 Je '56.
Operation of the 10-60 electric pipe-welding machine. IU. A. Mednikov. Metallurg no. 3:21-23 Mr '56.
"Pipe rolling and pipe welding." P. T. Emel'ianenko, A. A. Shevchenko, S. I. Borisov. Reviewed by IU. I. Vashchenko. Stal' 16 no. 7:669-670 Jl '56.
Welded pipe made of cut strips. F. D. Manevich. Stal' 16 no. 7:653-654 Jl '56.
Welding alloy steel refinery pipelines. L. S. Livshits. Stroi. pred. neft. prom. 1 no. 5:3-6 Jl '56.
Welding of oil-refinery Kh5VF steel pipes. V. A. Nikiforov. Svar. proizv. no. 7:8-10 Jl '56.

PIPE BENDING
Extensive use of sharply bent elbows prepared in the shop. A. G. Kamershtein. Stroi. pred. neft. prom. 1 no. 2:20-23 Ap '56.

PIPE FITTING
Power-driven machine for cutting cast-iron sewer pipes and fittings. A. Urevich. Vod. i san. tekh. no. 5:27-28 My '56.

PIPE FITTING, MARINE see Marine pipe fitting

PIPE FITTINGS
Manufacturing seamless tee pipes. V. N. Frolov. Stroi. pred. neft. prom. 1 no. 4:15-17 Je '56.

PIPELINES
(see also subdivision under Near East)
Electrical protection of pipelines against corrosion. V. V. Borisov. Energetik 4 no. 7:21-22 Jl '56.
In the State Mining Engineering Inspection Administration. Stroi. pred. neft. prom. 1 no. 4:17 Je '56.
New purpose of pipelines. Stroi. pred. neft. prom. 1 no. 2:32 Ap '56.
Simple and economical joining of sectional pipelines. G. A. Sukhoruchkin. Gidr. i mel. 8 no. 8:17-22 Ag '56.
Trenchless laying of pipes by the hydraulic push-through method. S. P. Michnik. Stroi. prom. 34 no. 7:35-36 Jl '56.

PIPELINES—WELDING
Melting insert technique for pipe welding. Stroi. pred. neft. prom. 1 no. 4:26-29 Je '56.

PIPERIDINE
Effect of promedol on conditioned reflexes in mice. Hsu Ping. Farm. i toks. 19 no. 3:33-36 My-Je '56.
Heterocyclic compounds. Part 38. Synthetic spasmolytics. Preparation of 4-aminopiperidines by the reducing amination of 4-piperidones. I.N.Nazarov, E.T.Golovin. Zhur. ob. khim. 26 no. 5:1496-1507 My '56.
Pharmacological characteristics of isopromedol. M. D. Mashkovskii, P. N. Abramova. Farm. i toks. 19 no. 3:26-32 My-Je '56.
Pharmacological properties of new local anesthetics of the piperidine group. I. I. Chebokova. Trudy Inst. fiziol. AN Kazakh. SSR 1:105-133 '56.

PIPERIDONE
Heterocyclic compounds. Part 36. Synthetic spasmolytics. Preparation of 4-aminopiperidines by the reducing amination of 4-piperidones. I.N.Nazarov, E.T.Golovin. Zhur. ob. khim. 26 no. 5:1496-1507 My '56.

PIROGOV, NIKOLAI IVANOVICH, 1810-1881
N. I. Pirogov's "Questions of life" and its social and pedagogical significance. S. A. Frumov. Sov. pedagog. 20 no. 7:76-82 Jl '56.

PIROPLASMOSIS see subdivision under Polesye

PISKAREV, IVAN DMITRIEVICH
Letters to our readers. Sots. obesp. 17 no. 7:54-56 Jl '56.
Tractor operator Ivan Piskarev. S. Shkurlatov. MTS 16 no. 7:13 Jl '56.

PISTACHIO see subdivision under Oktemberyan District

PISTOL'KORS, ALEKSANDR ALEKSANDROVICH, 1898-
The A. S. Popov gold medal award. Radiotekhnika 11 no. 6:77-78 Je '56.
Winner of the A. S. Popov gold medal. I. Dzhigit. Radio no. 7:12 Jl '56.

PISTON RINGS
Investigating the effect of porosity characteristics of chromium plating on cast iron wear. D. N. Garkunov, A. A. Poltakov. Tren. i izn. mash. no. 11:105-120 '56.

PITCH
Preparation of pitch for pitch coke production. M. A. Stepanenko, N. I. Matusiak. Koks i khim. no. 4:55-58 '56.

PITUITARY EXTRACT
Investigating reflex reactions of the hypophysis to stimulation by light in animals in a continuous experiment. Report no. 1: Effect of light on the secretion of oxytocin and melanophorin in dogs. S. B. Aksent'iev. Fiziol. zhur. [Ukr.] 1 no. 2:38-46 Mr-Ap '55.

PITUITARY GLAND
Effect of radioactive iodine on the hypophysis and ovaries in mammals. L. A. Kashchenko. Med. rad. 1 no. 2:70-75 Mr-Ap '56.

PLACODERMI
Remains of Dinichthys (Arthrodira) from the upper Devonian of the U.S.S.R. O. P. Obrucheva. Dokl. AN SSSR 108 no. 2:333-336 My '56.

PLAGIARISM
Laurels but not those... M. Medvedev. Sov. pech. no. 7:59 Jl '56.
A plagiarized conversation. V. Mel'nichuk. Sov. pech. no. 7:59 Jl '56.

PLANE TABLE
The plane iron with changeable blades. S. Levi. Prom. koop. no. 5:29 My '56.

PLANETS
The law of planetary distances. V. F. Chistiakov. Biul. VAGO no. 17:51-56 '56.
On the law of planetary distances. K. I. Dombrovskii. Biul. VAGO no. 17:46-50 '56.
Planetary Institute. G. Tikhov. Neva no. 6:166 Je '56.
Second meeting in astrogeology. I. I. Chebanenko. Geol. zhur. 16 no. 2:92-93 '56.

PLANETS, MINOR
Observations of minor planets at the mountain observatory of the Institute of Astrophysics of the Academy of Sciences of the Kazakh S. S. R. V. S. Matiagin. Astron. tsirk. no. 168:11-12 '56.

PLANING MACHINES
Increasing the productivity of planing machines. A. F. IAnishevskii. Der. prom. 5 no. 6:8-10 Je '56.
Semiautomatic machine for finishing panels. N. O. Nekhamkin. Der. prom. 5 no. 6:16-17 Je '56.

PLANNING, REGIONAL see Regional planning

PLANS see subdivision 'Maps' under Kalinin

PLANT BREEDING
(see also subdivision under Germany, East)
From the diary of a plant breeder. F. Zorin. IUn. nat. no. 1:23-25 Ap '56.
Incompleteness and some inaccuracies in the publication of Michurin's works. I. I. Present. Agrobiologiia no. 3:151-155 My-Je '56.
Increasing the vitality of common cabbage. N. A. Savchenko. Agrobiologiia no. 3:23-27 My-Je '56.
Selection of apricot hybrids. A. A. Petrosian. Sad. vin. Mold. 11 no. 3:25-27 My-Je '56.
Some methodological problems in breeding grain crops. V. IA. IUr'ev. Sel. i sem. 21 no. 3:6-10 '56.

PLANT BREEDING—EXHIBITIONS
Demonstration of I. V. Michurin's methods at the All-Union Agricultural Exhibition. E. A. Okorokova. Sad i og. no. 6:35-37 Je '56.
Experimental plant-breeding institutes participating in the All-Union Agricultural Exhibition. T. Kordo. Sel. i sem. 21 no. 3:50-51 '56.

PLANT CELLS AND TISSUES
Concept of the cell structure of plants. V. N. Beliaeva. Est. v shkole no. 4:28-33 Jl-Ag '56.
Culture of isolated plant tissues. R. G. Butenko. Fiziol. rast. 3 no. 3:277-286 My-Je '56.
On the possibility of cell division in plants at temperatures below 0°. V. G. Grif. Dokl. AN SSSR 108 no. 4:734-737 Je '56.

PLANT CUTTINGS
Method for rooting cuttings in artificial mist. E. F. Linnik. Sad i og. no. 7:75 Jl '56.

PLANT DESIGN see Factories—Design and construction

PLANT DISEASES
(see also subdivision under Armenia; Ukraine)
Electronoscopic observation of particles in the sap of plants affected by virus diseases. A. E. Protsenko. Biofizika 1 no. 4:376-378 '56.

PLANT DISEASES—CONGRESSES see subdivision under Wageningen (Netherlands)

PLANT HORMONES see Hormones (Plants)

PLANT LICE see subdivision under Crimea; Tajikistan

PLANT PHYSIOLOGY see Botany—Physiology

PLANT PROPAGATION
Method for rooting cuttings in artificial mist. E. F. Linnik. Sad i og. no. 7:75 Jl '56.
Propagating the oriental poppy by root cuttings. I. P. Ignat'eva. Sad i og. no. 6:73-74 Je '56.

PLANT REGULATORS see Growth promoting substances

PLANTAGO—THERAPEUTIC USE
Plantago as a tonic in ambulatory practice. Sov. med. 20 no. 6:72 Je '56.

PLANTERS (AGRICULTURAL MACHINERY)
Checkrow planting of sugar beets using furrow openers with forced dropping and free falling of seeds. G. V. Neiman, P. A. Volkov, L. V. Plitsyne. Dokl. Akad. sel'khoz. 21 no. 6:3-7 '56.
Device for mechanical transfer of the check wire. V. K. Voloshyn. Mekh. sil'. hosp. 7 no. 1:6-7 Ja '56.
Effect of the rectilinear motion of the planting unit on the spacing of potatoes in checkrow planting, using the SKG-4 potato planter. G. M. Karapetian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:77-90 Je '56.
Experience in using SRM-6 planters for checkrow and hill check planting of vegetable seedlings. A. Galashek, IU. Reisler. MTS 16 no. 5:29-30 My '56.
Practice in planting strawberries by machinery. V. A. Matveev, E. G. Kuznetsova. Mosk. kolkh. 5 no. 8:38-39 Ag '56.

PLANTING see Afforestation

PLANTS
(see also subdivision under Iran)
"Secrets of the green world." B. V. Grozdov. Reviewed by A. S. Usol'tseva. Est. v shkole no. 4:94 Jl-Ag '56.
Summer fading of plants. I. N. Elagin. Priroda 45 no. 8:125-126 Ag '56.

PLANTS—ABSORPTION OF WATER
Effect of growth promoting substances on cell intake of water and salts. N. I. IAkushkina. Trudy Inst. fiziol. rast. 6 no. 1:193-200 '48.

PLANTS—ASSIMILATION
Assimilation of carbon from organic fertilizers by plants. A.M.Kuzin, V.I.Merenova. Trudy Inst. biol. fiz. no. 1: 247-255 '55.
Effect of cations on root absorption of acid pigments and anions of mineral salts. I. I. Kolosov. Trudy Inst. fiziol. rast. 6 no. 1:139-165 '48.
Effect of growth promoting substances on cell intake of water and salts. N. I. IAkushkina. Trudy Inst. fiziol. rast. 6 no. 1:193-200 '48.
Effect of nitrogen nutrition of plants on the $CO_2$ fixation of leaves in darkness. L. A. Nezgovorova. Fiziol. rast. 3 no. 4:343-351 Jl-Ag '56.
On dark fixation of carbon dioxide by plants [with English summary in insert]. IU. V. Rakitin, A. V. Krylov, A. A. Kolesnikov. Fiziol. rast. 3 no. 3:225-232 My-Je '56.

PLANTS—CHEMICAL ANALYSIS
Simple method for determining the sugar minimum in vegetable matter. Sh. G. Gonashvili. Zhivotnovodstvo no. 6:81-82 Je '56.

PLANTS—ECOLOGY see Botany—Ecology

PLANTS—FROST RESISTANCE
Breeding potato seedlings for resistance to cold. N. G. Dudar'. Agrobiologiia no. 3:121-124 My-Je '56.

PLANTS—IRRITABILITY AND MOVEMENTS
Effect of photoperiodic conditions on the diurnal rhythm of movements of bean leaves (Phaseolus). B.S.Moshkov. Biofizika 1 no. 4:334-340 '56.

PLANTS—NUTRITION
Appraisal of plant feeding on the basis of external form; from works of the scientific institute on fertilizers, insecticides, and fungicides. K. P. Magnitskii. Priroda 45 no. 7:61-64 Jl '56.
How a plant is nourished. T. D. Lysenko. IUn. nat. no. 1:29-30 Ap '56.
New aspects in the nutrition of sugar beets. A. V. Peterburgskii. Sakh. svekl. no. 3:37-41 My '56.

PLANTS—RESPIRATION
Quality of fertilization and intensity of assimilation and respiration in the pumpkin and sunflower [with English summary in insert]. B. A. Bystrov, A. P. Pavlova, E. A. Fal'kenberg. Fiziol. rast. 3 no. 3:185-190 My-Je '56.
The role of bacteria in plant nutrition. O. Sergeeva. Nauka i zhizn' 23 no. 8:9 Ag '56.
Tagged atoms. R. Shirshova. Tekh. mol. 23[i. e. 24] no. 7:8-9 Jl '56.

PLANTS—REPRODUCTION
Lessons on the topic "Vegetative reproduction of plants." O. S. IAkovleva. Uch. zap. Ped. inst. Gerts. 119:151-165 '55.
Practical work by students on a plot near the school in the study of "Vegetative reproduction." V. A. Matisen. Uch. zap. Ped. inst. Gerts. 119:177-188 '56.
Viviparous plants. P. Makrushenko. IUn. nat. no. 5:7 Ag '56.

PLANTS—RESPIRATION see subdivision under Pamirs

PLANTS—SOILLESS CULTURE
Soilless cultivation of plants. E. M. TSvetaeva. Sad i og. no. 6:30-31 Je '56.
Using hydrogen peroxide in experiments on raising plants in water solutions and for speeding up the rooting of cuttings. V. F. Portianko. Fiziol. rast. 3 no. 4:333-336 Jl-Ag '56.

PLANTS—TRANSPIRATION
Determining the winter evaporation surface of the birch. E. A. Miroslavov. Bot. zhur. 41 no. 4:534-537 Ap '56.
Some problems concerning water exchange in the potato plant. F. IA. Buzover. Agrobiologiia no. 3:116-119 My-Je '56.
Water cycle of euhalophytes under natural circumstances. P. A. Genkel', N. I. Antipov. Fiziol. rast. 3 no. 4:337-342 Jl-Ag '56.

PLANTS, CULTIVATED
[Methods of state testing of varieties of farm crops; vegetables, melons and squash, potatoes, and fodder root crops] Metodika gosudarstvennogo sortoispytaniia sel'skokhoziastvennykh kul'tur; ovoshchnye, bakhchevye kul'tury, kartofel' i kormovye korneplody. Pod red. P.E.Marinicha i dr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 260 p.
Zhukovskii, P. M. [The origin of cultivated plants] Proiskhozhdenie kul'turnykh rastenii. Moskva, Izd-vo "Znanie," 1956. 47 p. ( Vsesouznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, nos. 38/39)

PLANTS, EFFECT OF ASCORBIC ACID ON
Physiological changes in plants produced by ascorbic acid. A. A. Zemlianukhin. Fiziol. rast. 3 no. 4:313-318 Jl-Ag '56.

PLANTS, EFFECT OF BORON ON
Effect of boron fertilizers and organomineral mixtures on corn yields. E. L. Klimashevskii. Agrobiologiia no. 3: 108-109 My-Je '56.
Effect of boron on the growth, development and yield of various potato varieties differing in wart resistance. P. S. Zaitseva. Trudy Inst. zeml. AN Azerb. SSR 3:83-90 '55.
On the causes of the specific role of boron in reproductive organ development, fertilization and fruit formation [with English summary in insert]. M. IA. Shkolnik and others. Fiziol. rast. 3 no. 3:191-198 My-Je '56.

PLANTS, EFFECT OF ELECTRICITY ON
Investigating the mechanism of the exchange of heat and substances in plant seeds when heated by a high-frequency electric field. G. A. Maksimov, L. M. Krivkova. Biofizika 1 no. 3:201-205 '56.

PLANTS, EFFECT OF FOLIC ACID ON
Action of folic acid combined with sulfanilamides and thiouracil on germinating wheat seeds. G. L. Mednik, B. M. Braginskii. Dokl. AN Tadzh. SSR no. 14:43-49 '55.

PLANTS, EFFECT OF INSECTICIDES ON
Residual effect of DDT and benzene hexachloride on mulberry leaves [in Armenian with summary in Russian]. R. M. Samvelian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:81-87 Jl '56.

PLANTS, EFFECT OF LIGHT ON
Characteristics of the connection between gas exchange and the accumulation of dry substance in plants growing under different conditions. E. N. Mikhaleva. Trudy Bot. inst. Ser. 4 no. 11:116-164 '56.
Comparative analysis of photoperiodic induction in short- and long-day plants. L. P. Zhdanova. Trudy Inst. fiziol. rast. 6 no. 1:69-84 '48.
New data on the photoperiodic reaction of Ullucus tuberosus. G. A. Samygin. Trudy Inst. fiziol. rast. 6 no. 1:45-52 '48.

PLANTS, EFFECT OF NITROGEN ON
Effect of nitrogen nutrition of plants on the $CO_2$ fixation of leaves in darkness. L. A. Nezgovorova. Fiziol. rast. 3 no. 4:343-351 Jl-Ag '56.

PLANTS, EFFECT OF PHOSPHATES ON
Effect of phosphate nutrition on photosynthesis and the growth of sunflowers. T. F. Andreeva. Trudy Inst. fiziol. rast. 6 no. 1:212-236 '48.

PLANTS, EFFECT OF POTASSIUM ON
Potassium as a regulator of enzymatic processes in plants. Report no. 2; Some features of enzyme distribution in pea sprouts. A. P. Shcherbakov. Trudy Inst. fiziol. rast. 6 no. 1:180-192 '48.

PLANTS, EFFECT OF SALTS ON
(see also subdivision under Bol'shoy Dzhozkazgan)
Effect of high concentrations of salts on plants. B. P. Strogonov, E. F. Ivanitskaia, I. P. Cherniadeva. Fiziol. rast. 3 no. 4:319-327 Jl-Ag '56.
Increase in the salt tolerance of Egyptian cotton plants. A. T. Krapivina. Trudy Inst. fiziol. rast. 6 no. 1:166-179 '48.

PLANTS, EFFECT OF TEMPERATURE ON
Changes in the respiration of plants of the Pamirs caused by sharp variations of temperature. O. A. Semikhatova. Trudy Bot. inst. Ser. 4 no. 11:62-96 '56.
Prokof'ev, A.A. [Climate and plant productivity] Klimat i produktivnost' rastenii. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 34)

PLANTS, FLOWERING OF
Do you know that... Dm. Zuev. Mosk. kolkh. 5 no. 6:46 Je '56.
Effect of planting time on the formation of potato berries. E. A. Ivanchenko. Agrobiologiia no. 3:119-121 My-Je '56.
Flowering time of Scotch pine in the European part of the U. S. S. R. (from 1948 to 1954). A. V. Tiurin. Bot. zhur. 41 no. 4:568-571 Ap '56.
On the biology of flowering in perennial wheat. N. V. TSitsin, V. A. Poddubnaia-Arnol'di. Dokl. AN SSSR 108 no. 2:352-355 My '56.
Structure of flowering of annual plants with branching stems. G. A. Darbinian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:23-36 Jl '56.

PLANTS, MINERALS IN see Minerals in plants

PLANTS, MOTION OF FLUIDS IN
Horizontal conduction of mineral substances in the trunks of arboreal plants. N. N. Kiselev. Dokl. AN SSSR 103 no. 2:349-351 My '56.
Moisture of the trunk wood in relation to the water exchange in the tree. L. A. Ivanov. Trudy Inst. fiziol. rast. 6 no. 1:9-44 '48.
Some characteristics of the structure of plant vascular system in connection with their environment. L. I. Lipaeva. Izv. AN Kazakh. SSR. Ser. osv. pust. no. 2:75-90 '51.

PLANTS, SEX IN
Some physiological characteristics of monoecious and dioecious hemp in ontogenesis. K. V. Rinzanskaia. Trudy Bot. inst. Ser. 4 no. 11:310-330 '56.

PLANTS, SPACE ARRANGEMENT OF
Spacing from the point of view of nutrition and its effect on the quality of sugar beets. Z. N. Kashtanova. Sakh. svekl. no. 5:28-31 Jl '56.
Spacing of sugar beet plants. A. Vodolazov. Sel'khoz. Kirg. no. 4:15-18 Ap '56.

PLASTER
Ammonia water as an antifreeze additive for plaster. E. S. Bulgakov. Rats. i izobr. predl. v strol. no. 137:36-37 '56.

PLASTER—ANALYSIS
Efflorescence of salt on bricks and plaster of buildings. K. Shatemirov. Izv. AN Kir. SSR no. 1:3-11 '55.

PLASTERING
Organization of plastering work. A. P. Panin, P. I. Zin'kovskii. Strol. pred. neft. prom. 1 no. 6:22-24 Ag '56.
Reed cover for plastering. I. IA. Slobodianik. Strol. prom. 34 no. 6:40 Je '56.

PLASTIC MATERIALS
Swedish plastic insulating materials. Strol. pred. neft. prom. 1 no. 5:29-30 Jl '56.

PLASTIC PIPE see Pipe, Plastic

PLASTICITY
Approximate solution of a problem related to the pure plastic state of a disk. N. S. Kurdin. Izv. AN SSSR. Otd. tekh. nauk no. 8:117-119 Ag '56.
Moscow. TSentral'nyi Nauchno- issledovatel'skii institut promyshlennykh sooruzhenii. [Studies on problems of construction mechanics and the theory of plasticity; a collection of articles] Issledovaniia po voprosam stroitel'noi mekhaniki i teorii plastichnosti; sbornik statei. Pod red. A.R. Rzhanitsyna. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 320 p.

PLASTICS
Deformation of plastic materials during torsion tests. L. II. Afendyk. Dop. AN URSR no. 2:3-11 '49.
Laminated plastics. N. F. Kozlov. Arkhit. i stroi. t.en. no. 2:39 Je '56.
Light plastic materials. A. A. Berlin. Nauka i zhizn' 23 no. 6:24-25 Je '56.
"Material for everything." G. S. Petrov, L. G. Petrova. Rabotnitsa 34 no. 8:26-27 Ag '56.
Plastics. M. S. Akutin. Nauka i zhizn' 23 no. 7:21-31 Jl '56.

PLATE GLASS
Using "polirit" for the conveyer polishing of glass. IU. A. Brodskii, IU. M. Tinrin, R. I. TSol. Stek. i ker. 13 no. 7:8-11 Jl '56.

PLATES, IRON AND STEEL—FATIGUE
Fatigue resistance of steel plates with welded ties. I. V. Kudriavtsev, N. A. Balabanov. Svar. proizv. no. 6:1-5 Je '56.

PLATING
Reinforcing machine parts by means of wear-resisting and antifriction plating techniques. D. V. Pletnev. Vest. mash. 36 no. 7:59-62 Jl '56.
Testing the wearing quality of facings used in repairing truck tractor parts. V. I. Kazartsev. Sbor. nauch. rab. LIMSKH 9:32-54 '53.

PLATINUM
Possible origin of platinum in quartz veins. M. N. Al'bov. Zap. Vses. min. ob-va 85 no. 2:212-216 '56.

PLATINUM COMPOUNDS
Production of quadrivalent platinum compounds with five and six different substituents in the inner sphere of the trans- and cis-configuration. L. N. Eugen, A. D. Gel'man. Dokl. AN SSSR 108 no. 4:651-654 Je '56.

PLATINUM-COPPER ALLOYS
Study of the electric and thermoelectric properties of plantinum-copper alloys. A. A. Rudnitskii. Izv. Sekt. fiz.-khim. anal. 27:171-184 '56.

PLATINUM CYANIDE
Kinetics of the luminescence of platinum cyanide compounds. N. A. Tolstoi and others. Izv. AN SSSR. Ser. fiz. 20 no. 5:583-590 My '56.

PLAY
Play training of a friendly children's group. A. S. Allmpieva, E. V. Berezovich. Doshk. vosp. 29 no. 7:13-26 Jl '56.

PLAYS, COLLEGE see subdivision 'College and school drama' under Moscow

PLAYS FOR CHILDREN see subdivision 'Children's plays' under Leningrad; Moscow

PLAYWRIGHTS see Dramatists

PLETHYSMOGRAPH
Plethysmography of the eyeball. A. L. IArbus. Biofizika 1 no. 3:242 244 '56.

PLOVDIV, BULGARIA—MEDICAL COLLEGES
Relation of the Institute with its graduates. Zh. Lambrev. Vest. vys. shkoly 14 no. 7:51 Jl '56.

PLOWING
Effect of plowing depth on the weediness of soil and corn stands. A.A Bocharova. Zemledelie 4 no. 7: 114-115 Jl '56.

A furrow measuring device machine. H. D. Kaliuzhnyi, H. I. Danylevych. Mekh. sil'. hosp. 7 no. 7:31 Jl '56.

Narrow-strip plowing in regions of excessive moisture. N. I. Morgunov, P. I. Laptev, A. P. Zhenatov. Zemledelie 4 no. 7:67-69 Jl '56.

Practical application of T. S. Mal'tsev's methods. S. I. Ivchenko. Nauka i pered. op. v sel'khoz. no. 6:31-33 Je '56.

Three-level plowing for the improvement of steppe solonetz soils. N. K. Baliobo, M. I. Bilnov, B. S. Gutina, Sel'khoz. Povol. no. 7:24-27 Jl '56.

Using organomineral mixtures in connection with increasing the plowing depth. E. M. Frenkel'. Dokl. Akad. sel'khoz. 21 no. 6:32-35 '56.

PLOWS
(see also subdivision under Italy)

Akademiia nauk SSSR. Institut mashinovedeniia. [Increasing the durability of ploughshares] Povyshenie iznosostoikosti lemekhov. Pod obshchei red. M. M. Khrushchova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 218 p.

History of the plow in Russia. P. I. Minin. Trudy Inst. ist. est. i tekh. 6:3-21 '56.

Plow for the basic improvement of Solonetz soils. T. G. Belov. Sel'khoz. Povol. no. 7:64-66 Jl '56.

Sharpening disks of surface plows. A. Kuchinskii. MTS 16 no. 7:30 Jl '56.

PLUM see subdivision under Kirov Province

PLUM—DISEASES AND PESTS
How to control gall mites on plums. V. V. Shcherbakov. Sad. vin. Mold. 11 no. 3:60-61 My-Je '56.

PLUMBING—EQUIPMENT AND SUPPLIES
On the quality of plumbing equipment. A. A. Birlukov. Vod. i san. tekh. no. 5:29-32 My '56.

PLUTONIUM
Average number of neutrons $\nu_{eff}$ emitted by $U^{233}$, $U^{235}$ and $Pu^{239}$ in the capture of 30--900 Kev energy neutrons. P. E. Spivak and others. Atom. energ. no. 3: 21-20 '56.

Determining average fission cross section factors for $Pu^{239}$ and $U^{235}$ in uranium-water lattices. V. P. Katkov, IU. V. Nikol'skii, G. A. Stollarov. Atom. energ. no. 3:61-64 '56.

Determining the average number of neutrons $\nu_{eff}$ emitted in a single capture event of $U^{233}$, $U^{235}$, and $Pu^{239}$ isotopes in the epithermal neutron energy zone. P. E. Spivak and others. Atom. energ. no. 3:13-20 '56.

Determining the relative breeding ratio of $Pu^{239}$ in lattices made of natural uranium and ordinary water. L. V. Komissarov, V. A. Taraban'ko. Atom. energ. no. 3:56-60 '56.

New foreign titles in chemistry. Study of certain uranium and plutonium compounds. Usp. khim. 25 no. 6:781-784 Je '56.

On the number of neutrons emitted by $Pu^{239}$ in a fission process induced by thermal and epithermal neutrons. V. I. Kalashnikova and others. Atom. energ. no. 3:11-12 '56.

Producing gram quantities of metallic plutonium. Atom. energ. no. 3:147-148 '56.

PLUTONIUM—ISOTOPES
Electron spectra of $Pu^{239}$, $Pu^{240}$ and $Pu^{241}$. K. N. Shlikgin. Zhur. eksp. i teor. fiz. 30 no. 5:817-823 My '56.

Measuring the average number of neutrons emitted per single capture, $\nu_{eff}$ for $Pu^{239}$ specimens with $Pu^{240}$ admixture and the effective resonance capture integral of $Pu^{240}$. B. G. Erozolimskii and others. Atom. energ. no. 3:27-30 '56.

PLUTONIUM COMPOUNDS
Decomposition of plutonium oxalates under the effect of intrinsic alpha-ray emission. V. V. Fomin, R. E. Kartushova, T. I. Rudenko. Atom. energ. no. 3:117-121 '56.

PLYWOOD
(see also subdivision under Canada)

Decreasing the consumption of glue in producing beech plywood. A. S. Filippov. Der. prom. 5 no. 6:23 Je '56.

Preparing and veneering curvilinear panels. V. A. Fedeev. Der. prom. 5 no. 6:20 Je '56.

Warping in plywood sheets. B. N. Sokolov. Der. prom. 5 no. 6:11-14 Je '56.

PLYWOOD—TESTING
(see also subdivision under Great Britain)

Apparatuses for the control of plywood production (From "Holz als Roh- und Werkstoff" no. 8, 1955). Der. prom. 5 no. 7:31 Jl '56.

PNEUMATIC MACHINERY
Repair by electric welding of a cast-iron hammer cylinder. A. S. Astaf'ev. Stal' 16 no. 7:655-658 Jl '56.

PNEUMATIC TOOLS
High-revolution pneumatic grinding spindles. M. M. Malkin. Stan. i instr. 27 no. 6:36-37 Je '56.

New pneumatic mechanism for the extraction of pins from anodes. V. I. Korozo. TSvet. met. 29 no. 6:65-66 Je '56.

Rapid-action pneumatic manipulators for sheet mills. L. I. Danilov, M. I. Korchemnyi. Metallurg no. 2:36 F '56.

PNEUMATIC-TUBE TRANSPORTATION
Blower for movable pneumatic grain-handling equipment. M. Laskin. Muk.-elev. prom. 22 no. 5:20-21 My '56.

PNEUMONIA
(see also subdivision under Russia, Northern)

"Pneumonia in infancy." IU. F. Dombrovskaia. Reviewed by V. K. Mironovich. Vop. okh. mat. i det. 1 no. 1:89 Ja-F '56.

PNEUMOPERITONEUM, ARTIFICIAL
Immediate results of pneumoperitoneum for treating pulmonary tuberculosis. IU. S. Antonov. Voen.-med. zhur. no. 9:25-30 S '51.

PNEUMOTHORAX
Inducing an artificial pneumothorax in disseminated forms of pulmonary tuberculosis. M. M. Sagantaev. Voen.-med. zhur. no. 3:85-86 Mr '56.

Treating valvular pneumothorax. A. A. Zhgun. Voen.-med. zhur. no. 9:69-70 S '51.

POACHING
(see also subdivision under Odessa Province)

Poaching foresters. K. Dobychin. Okh. i okh. khoz. no. 7:18 Jl '56.

PODOLYNS'KYI, MYKHAILO
Who was the author of "The publishers preface" to Ivan Franko's translation of Gogol's "Dead souls." M. S. Vozniak. Nauk. zap. Inst. susp. nauk AN URSR 3:75-79 '54.

PODZOL
Efficient utilization of sod in grassland crop rotations on turf-Podzolic soils [with German summary in insert]. A. A. Plotnikov, V. V. Makarova. Pochvovedenie no. 4: 80-86 Ap '56.

Experiment in fertilizing winter wheat on sandy loam turf-Podzolic soils ("Kolos" Collective Farm) [with French summary in insert]. V. K. Krutikhovskii. Pochvovedenie no. 5:50-56 My '56.

Liming acid turf-Podzolic soils in the non-Chernozem region of the U. S. S. R. A. P. Kevorkov. Ud. i ur. 1 no. 5:3-8 My '56.

POGREBOV, NIKOLAI FEDOROVICH, 1860-1942
In memory of Nikolai Fedorovich Pogrebov. N. N. Slavianov. Trudy Lab. gidrogeol. probl. 1:271-272 '48.

POIM DISTRICT—BUILDING
First district inter-collective farm construction organization of the province. A. Manevich. Sel'. stroi. 11 no. 7:10-11 Jl '56.

POINTERS (DOGS)
Fake points of pointing dogs. A. Chumakov. Okh. i okh. khoz. no. 7:33-34 Jl '56.

POISONOUS PLANTS
(see also subdivision under White Russia)

Botanical toxicology. I. A. Guzynin. Veterinariia 33 no. 8:81-82 Ag '56.

POKROVSKII, ALEKSANDR VASIL'EVICH
On the job 45 years. Teatr 17 no. 7:178 Jl '56.

POLAND—AIRPLANES
Polish air lines. S. Minorski. Grazhd. av. 13 no. 6: 35-36 Je '56.

POLAND—DESCRIPTION AND TRAVEL
In fraternal Poland. Maksym Ryl's'kyi. Ukraina no. 13:20-21 Jl '56.

POLAND—EDUCATION
Development of education in the people's Poland. V. Z. Smal'. Rad. shk. 35 no. 5:45-49 My '56.

POLAND—EDUCATION, PRESCHOOL
In People's Poland. H. Shvydka. Doshk. vykh. 17 no. 7:24-28 Jl '56.

POLAND—FOREIGN RELATIONS
The People's Poland, strong champion of peace and international security. IA. Lomko. Slaviane no. 7: 11-14 Jl '56.

POLAND—FOREIGN RELATIONS—CZECHOSLOVAKIA
Negotiations at Warsaw. Mezhdunar. zhizn' no. 8:131-132 Ag '56.

POLAND—FOREIGN RELATIONS—FRANCE
Favorable prospects. Mezhdunar. zhizn' no. 6:115-116 Je '56.

POLAND—FOREIGN RELATIONS—RUSSIA
Day of Poland's rebirth. Sov. Soiuz no. 8:4 Ag '56.

POLAND—GENETICS
From the pages of foreign biological publications ("Transactions of the Institute of Animal Science in Poland for 1955" [in Polish]. Reviewed by I. Kh.). Agrobiologiia no. 3:158 My-Je '56.

POLAND—HISTORY
Festival of Poland's rebirth. Mezhdunar. zhizn' no. 8: 140 Ag '56.

Ivan Franko's views in 1883-1884 on the Polish problem. M. S. Vozniak. Nauk. zap. Inst. susp. nauk AN URSR 3: 3-15 '54.

POLAND—HYDROTHERAPY
Congress of balneologists in the Polish People's Republic. M. E. Manikov, G. A. Nevraev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:74-77 Ja-Mr '56.

POLAND—LANGUAGE AND LANGUAGES—STUDY AND TEACHING
The work of Polish linguists. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:289-292 My-Je '56.

POLAND—LAW—PERIODICALS
A new public law journal in the Polish People's Republic. L. V. Sov. gos. i pravo no. 5:154 '56.

A review of the Polish journal "Panstwo i prawo" for 1955. A. Kh. Makhnenko. Sov. gos. i pravo no. 5:150-154 '56.

POLAND—LOUD-SPEAKERS
A new Polish loud-speaker. Kinomekhanik no. 7:44 Jl '56.

POLAND—MOTION-PICTURE INDUSTRY
The future of Polish cinematography. Isk. kino no. 5:112 My '56.

POLAND—PEASANTRY
The peasant question and the peasant movement in the Kingdom of Poland during the Revolution of 1905-1907. S. M. Fal'kovich. Uch. zap. Inst. slav. 12:103-173 '56.

The peasant situation in Poland in the latter half of the 13th century and during the 14th century. V. M. Fomenkova. Uch. zap. Inst. slav. 12:264-311 '56.

POLAND—PHARMACOLOGY—PERIODICALS
"Scientific bulletin"; a quarterly scientific bulletin of the Poznan State Scientific Research Institute of Medicinal Plants [in Polish]. Reviewed by P. L. Senov. Apt. delo 5 no. 4:60-62 Jl-Ag '56.

POLAND—PHYSICAL GEOGRAPHY
Advances made by the Polish science of geography ("The physical geography of Poland" [in Polish]. Stanislaw Lencewicz. Reviewed by A. Timashev). Novyi mir 32 no. 7:267-269 Jl '56.

POLAND—POLITICS AND GOVERNMENT
Conversion to fascism of the political regime in landowners' Poland; 1918-1939. V. I. Kalynovych. Dop. ta pov. L'viv. un. no. 4, pt. 1:34-38 '53.

POLAND—RADIO, SHORTWAVE—COMPETITIONS
Ultrashortwave amateurs in Poland. Wojciech Netyksza. Radio no. 7:13 Jl '56.

POLAND—SHIPBUILDING—SUPPLIES
New nonmetal materials used in Polish shipbuilding. D. IA. Eidel'man. Sudostroenie 22 no. 4:49-51 Ap '56.

POLAND—SLAVIC STUDIES
Slavic studies in Poland. T. Lehr-Splawinskii. Slaviane no. 7:23-25 Jl '56.

POLAND—SOIL RESEARCH
Achievements of the Polish soil science in the last decade. A. IA. Muserovich. Pochvovedenie no. 5:98-106 My '56.

POLAND—SPORTS
Sports movement in Poland. V. V. Sinitsyn. Teor. i prak. fiz. kul't. 19 no. 7:548-551 Jl '56.

POLAND—THEATER
Russian plays in theaters of the new Poland. Ogonek 25 no. 48:28 N '47.

POLAR REGIONS see Arctic regions

POLARITY (BIOLOGY)
Coefficients of polarity and graduation of the coefficient of formation and distribution of substances in plants [with English summary in insert]. G. Kh. Molotkovskii. Fiziol. rast. 3 no. 3:243-251 My-Je '56.

POLARIZATION (ELECTRICITY)

Polarization in the electro-crystallization of nickel from aqueous alcohol $NiCl_2$ solutions (with English summary in insert). S. V. Gorbachev, IU. N. IUrkevich. Zhur. fiz. khim. 30 no. 4:922-927 Ap '56.

Polarization of alcohols in non-polar solvents(with English summary in insert). A. M. Evseev. Zhur. fiz. khim. 30 no. 5:1067-1074 My '56.

Theory of concentration polarization. S. V. Gorbachev. Zhur. fiz. khim. 30 no. 5:1151-1157 My '56.

POLARIZATION (LIGHT)

Electropolarimetry of the lunar surface. V. P. Dzhapiashvili. Astron. tsir. no. 167:16-19 F '56.

Perception of the polarization of light by the compound eye of the bee. L. I. Seletskaia. Biofizika 1 no. 2:155-157 '56.

POLAROGRAPHY

Catalytic hydrogen waves. Catalytic reduction of hydrogen ions on a dropping mercury cathode in presence of zirconyl nitrate. A. M. Vasil'ev, V. I. Gorokhovskaia-Proukhina. Trudy Kom. anal. khim. 7:142-148 '56.

Determination of admixtures in alloys and amalgams by means of amalgam polarography. A. G. Stromberg, A. A. Pyshkina. Trudy Kom. anal. khim. 7:136-141 '56.

Mechanism of the electrochemical formation of oxygen compounds of chlorine at the smooth platinum electrode. Part I. Anode-polarographic investigation of the electrochemical oxidation kinetics of $Cl^-$ and $ClO_3^-$ ions (with English summary in insert). E. I. IAkovleva, K. I. Rozental', T. S. Filippov. Zhur. fiz. khim. 30 no. 4: 937-944 Ap '56.

Polarographic determination of naphthalene in the form of $\alpha$-nitronaphthatene. V. D. Bezuglyi, N. D. Ogdanets. Trudy Kom. anal. khim. 7:149-154 '56.

Polarographic determination of nickel and cobalt ions in absolute ethyl alcohol. IA. I. Tur'ian, G. E. Teper, L. F. Redchenko. Trudy Kom. anal. khim. 7:162-169 '56.

Use of the concealment of ions in simultaneous polarographic determination of elements with coinciding reduction potentials. F. K. Baev, P. N. Kovalenko. Trudy Kom. anal. khim. 7:119-135 '56.

POLE VAULTING

The reason for our failures. P. Denisenko. Leg. atl. no. 5:11-13 My '56.

POLESYE—AGRICULTURE

Practice of the introduction of grassland farming on Polesye state farms. IA. N. Lisovs'kyi. Visnyk AN URSR 24 no. 11:63-68 N '52.

POLESYE—ALGAE

Blue-green algae of some swamps in Polesye. N. V. Kondrat'ieva. Ukr. bot. zhur. 13 no. 2:89-98 '56.

POLESYE—CORN (MAIZE)

Effect and aftereffect of fertilizers on corn yields on sandy soils of Polesye. A. B. Rubashov. Ud. i ur. 1 no. 5:37-41 My '56.

POLESYE—FARM MECHANIZATION

Improvement in the utilization of equipment of machine-tractor stations is the most important condition for the development of the communal economy of collective farms of White Russian Polesye. A. Rusinau. Vestsi AN BSSR Ser. bilal. nav. no. 1:19-30 '56.

POLESYE—FOOD INDUSTRY

Development of the food industry in the regions of White Russian Polesye. Kh. Sinitski, IA. Hol'bin. Vestsi AN BSSR Ser. hram. nav. no. 1:99-108 '56.

POLESYE—FORESTS AND FORESTRY

Characteristic features of forests of the Polesye Lowland. S. Kh. Budyka. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:73-91 '55.

POLESYE—PASTURES AND MEADOWS

Make wider use of the easiest methods in meadow improvements. F. K. Bazylevych, A. S. Shkabara. Sots. tvar. 26 no. 6:31-33 Je '56.

POLESYE—PIROPLASMOSIS

Harboring parasites in cases of babesiasis in cattle and possibilities for discovering latent foci in the Polesye lowland. N. I. Dyl'ko. Vestsi AN BSSR Ser. bilal. nav. no. 1:135-139 '56.

POLESYE—STONECROP

The stonecrop Sedum reflexum L. in the Ukrainian Polesye. M. I. Kotov. Ukr. bot. zhur. 13 no. 1:92-94 '56.

POLESYE—WATER BIRDS

Water birds of Polesye. M. S. Doubik. Vestsi AN BSSR Ser. bilal. nav. no. 1:109-128 '56.

POLEVOI, BORIS NIKOLAEVICH, 1908-

Your contemporary ("Busy plant." Boris Polevoi. Reviewed by K. Alekseev). Smena 33 no. 13:20 Jl '56.

POLIOMYELITIS

Clinical aspects of an abortive course of poliomyelitis. IU. A. IAkunin, N. R. Ivanov. Vop. okh. mat. i det. 1 no. 1:25-30 Ja-F '56.

Clinical aspects of nervous disturbances in poliomyelitis. F. N. Stepanov, V. N. Komiakhina, IU. A. IAkunin. Vop. okh. mat. i det. 1 no. 1:14-20 Ja-F '56.

Clinical features of somatic changes in poliomyelitis. L. G. Fofanova. Vop. okh. mat. i det. 1 no. 1:20-25 Ja-F '56.

Conditioned and unconditioned responses in poliomyelitis. Z. M. Frantsuzova. Vop. okh. mat. i det. 1 no. 1:30-32 Ja-F '56.

Control of poliomyelitis through consolidated clinics and hospitals. E. P. Zakharova. Vop. okh. mat. i det. 1 no. 1:76-77 Ja-F '56.

Course of acute poliomyelitis. R. M. Pratusevich. Vop. okh. mat. i det. 1 no. 1:10-14 Ja-F '56.

Current problems in the epidemiology of poliomyelitis. Report no. 1: Epidemiological classification and mechanism of transmission of the infection. Zhur. mikrobiol. epid. i immun. 27 no. 7:43-47 Jl '56.

Physio-and balneotherapy of poliomyelitis and its aftereffects. A. P. Speranskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:3-13 Ap-Je '56.

Principles of the resort therapy for patients with aftereffects of epidemic poliomyelitis. Kh. M. Freidin. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:14-20 Ap-Je '56.

Tracheotomy and other measures in the treatment of respiratory disorders in acute poliomyelitis; review of foreign literature. L. M. Popova. Vest. oto-rin. 18 no. 4:70-75 Jl-Ag '56.

Treatment of children with aftereffects of poliomyelitis. M. N. Goncharova and others. Vop. okh. mat. i det. 1 no. 1:43-52 Ja-F '56.

Use of amino acids in the treatment of acute poliomyelitis. E. M. Nazarova and others. Vop. okh. mat. i det. 1 no. 1:37-43 Ja-F '56.

Vinokurov, K. A. [Epidemic infantile paralysis; poliomyelitis] Epidemicheskii detskii paralich; poliomielit. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 32)

What to know about poliomyelitis. K. Vinokurov. Sov. kras. krest 6 no. 3:19-20 My-Je '56.

Work of the diagnostic department in the poliomyelitis hospital. N. A. Kryzhova, R. M. Pratusevich. Vop. okh. mat. i det. 1 no. 1:52-56 Ja-F '56.

"Your son is in good health again." Ir. Il'icheva. Ogonek 34 no. 37:13 S '56.

POLIOMYELITIS—PREVENTIVE INOCULATION

Prevention of poliomyelitis with nonspecific immunization methods and their comparative effectiveness. N. P. Leiman, L. M. Strakhova, E. V. Denisenko. Vop. okh. mat. i det. 1 no. 1:33-36 Ja-F '56.

POLISH LANGUAGE—FOREIGN WORDS AND PHRASES

Words of East-Slavic origin in the Polish language. M. I. Onyshkevych. Dop. ta pov. L'viv. un. no. 3, pt. 1:25-27 '52.

POLISHING, ELECTROLYTIC

Features of anodic behavior of steel in an electropolishing electrolyte for low density polarizing currents. G. S. Vozdvizhenskii, A. Sh. Valeev, G. A. Gorbachuk. Dokl. AN SSSR 108 no. 2:299-301 My '56.

POLITICAL CRIMES AND OFFENSES see subdivision under Germany, West

POLITICAL SCIENCE—BIBLIOGRAPHY see Bibliography—Political science

POLITICAL SCIENCE—STUDY AND TEACHING

Talarskaia, N. N. [A Study group in current politics] Kruzhok tekushchei politiki. Moskva, Gos. izd-vo polit. lit-ry, 1956. 39 p. (Iz opyta raboty partiinykh organizatsii)

POLKANOV, ALEKSANDR ALEKSEEVICH, 1888-

Akademiia nauk SSSR. Aleksandr Alekseevich Polkanov. Vstup. stat'ia N. A. Elisseva, Bibliogr. sost. A. I. Sytinoi. Moskva, 1956. 46 p. (Materialy k biobibliografii uchenykh SSSR. Seriia geologicheskikh nauk, no. 11)

POLLEN

Study of the changes in the pollen of rye and spiderwort induced by X rays. L. P. Broslavets. Trudy Inst. biol. fiz. no. 1:84-98 '55.

POLLINATION see Fertilization of plants

POLORUSSOV, NIKOLAI IVANOVICH, 1881-1945

Strokin, M. IA. [Nikolai Ivanovich Polorusskov (Shelebi); a critical and biographical sketch] Nikolai Ivanovich Polorussov (Shelebi); kritiko-biograficheskii ocherk. Cheboksary, Chuvashskoe gos. izd-vo, 1956. 41 p.

POLOTSK—ARCHITECTURE

The Bel'chitskii ruins. N. N. Voronin. Arkhit. nas. no. 6:3-20 '56.

POLOTSK DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

A necessary condition for successful work. S. Khatskevich. Raspr. pech. no. 7:16 Jl '56.

POLOVINKINA, IULIIA IRINARKHOVNA, 1895-

IUliia Irinarkhovna Polovinkina. V. Sobolev. Min. shor. no. 9:344-345 '55.

POLTAVA—AMATEUR ART ACTIVITIES

Cultural propaganda groups report. O. Hashenko. Sots. kul't. 9 no. 6:28-29 Je '56.

POLTAVA—ASTRONOMY, SPHERICAL AND PRACTICAL

Program of weak zeniths and zenith pairs, and observations of this program at Poltava during 1940, 2-1941, 7. S. V. Drozdov. Trudy Polt. grav. obser. 5:79-146 '55.

POLTAVA—LATITUDE VARIATION

Latitude variations of Poltava based on observations of the zenith telescope during 1947, 7-1949, 7. E. V. Lavrent'eva. Trudy Polt. grav. obser. 5:20-78 '55.

POLTAVA—STARS—CATALOGS

Preliminary catalog of declination of 204 stars in the Poltava zenith program. S. V. Drozdov. Trudy Polt. grav. obser. 5:147-159 '55.

POLTAVA—TELEVISION

European stations can be received on television in Poltava. G. Voitanskii. Ogonek 34 no. 27:32 Jl '56.

POLTAVA PROVINCE—BANKS AND BANKING

Let us fulfill the money circulation plan. S. Khotetovskii. Den. i kred. 14 no. 7:40-42 Jl '56.

POLTAVA PROVINCE—SWINE

Important means for increasing the production of pork. G. Taran, A. Zhuchkov. Kolkh. proizv. 16 no. 6:32-33 Je '56.

POLYANOL

Antibacterial properties of polyanol, a synthetic estrogenic substance. V. P. Tul'chyns'ka, A. V. Demchenko. Mikrobiol. zhur. 13 no. 2:107-110 '51.

POLYGONS

One solution to the Dirichlet problem for certain polygonal areas. R. S. Minasian. Dokl. AN Arm. SSR 22 no. 5: 193-202 '56.

POLYHALITE

Study and use of natural polyhalite salt (conference in Moscow). I. N. Lepeshkov. Vest. AN SSSR 26 no. 7:83-85 Jl '56.

POLYMERS

Effect of the structure of the original hydrocarbon components on the physical and chemical properties of synthetic oils. M. G. Rudenko. Khim. i tekh. topl. no. 4:13-19 Ap '56.

Effect of the structure of the original hydrocarbon components on the physical and chemical properties of synthetic oils. Part 2. M. G. Rudenko, B. N. Gromova. Khim. i tekh. topl. no. 5:43-47 My '56.

POLYMERS—SPECTRA

Investigation of the crystallinity of some polymers by means of infrared spectroscopy. E. I. Pokrovskii, I. P. Kotova. Zhur. tekh. fiz. 26 no. 7:1456-1460 Jl '56.

POLYMERS AND POLYMERIZATION

Chromatographic method for determining fractional composition of high polymers. B. V. Losikov, N. I. Kaverina, A. A. Fediantseva. Khim. i tekh. topl. no. 3:51-53 Mr '56.

Compatibility of polyvinyl chloride and polyvinyl acetate with other high polymers (with English summary in insert). V. I. Alekseenko, IU. Mishustin. Koll. zhur. 18 no. 3:257-261 My-Je '56.

Effect of inorganic salts on the polymerization of emulsified styrene (with English summary in insert). N. S. Tsvetkov, A. I. IUrzhenko. Koll. zhur. 18 no. 3:362-368 My-Je '56.

Effect on the mechanical properties of a copolymer of small amounts of one of the components (with English summary in insert). IU. M. Malinskii. Zhur. fiz. khim. 30 no. 4:934-936 Ap '56.

More on the determination of the intrinsic viscosity of dilute high polymer solutions (with English summary in insert). E. S. Roskin. Koll. zhur. 18 no. 3:369-371 My-Je '56.

Structure of butadiene-styrene polymers (with English summary in insert). I. G. Sobolova and others. Koll. zhur. 18 no. 3:344-349 My-Je '56.

Studies on the orientation of high polymers. Part 1. Amorphous Polymers (with English summary in insert). IU. S. Lipatov, V. A. Kargin, G. L. Slonimskii. Zhur. fiz. khim. 30 no. 5:1075-1081 My '56.

Study of branched chain polymers obtained by the reaction between natural rubber and azodicarboxylates (with English summary in insert). S. S. Ivanov and others. Koll. zhur. 18 no. 3:285-292 My-Je '56.

POLYNOMIALS

Elementary solution of Waring's problem for polynomials by the method of IU. V. Linnik. A. V. Kuzhel'. Usp. mat. nauk 11 no. 3:165-168 My-Je '56.

PONTOON BRIDGES

Evacuation of the wounded from military zones by means of pontoons. I. I. Lapaev. Voen.-med. zhur. no. 3:62-63 Mr '56.

POPINA, BULGARIA—POTTERY, SLAVIC

Early Slavic ceramics from the village of Popina. Zh. Vosharova. Krat. soob. IIMK no. 63:142-149 '56.

POPOV, ALEKSANDR STEPANOVICH, 1859-1906

Radovskii, M. I. [Aleksandr Stepanovich Popov; a biographical sketch] Aleksandr Stepanovich Popov; biograficheskii ocherk. Moskva, Izd-vo Akademii nauk SSSR, 1956. 205 p. (Nauchno-populiarnaia serila)

POPPY
Propagating the oriental poppy by root cuttings. I. P. Ignat'eva. Sad i og. no. 6:73-74 Je '56.

POPULATION
Imaginary danger. G. Gerasimov. Nov. vrem. 14 no. 32:30-31 Ag '56.

POPULATION—STATISTICS
Population census of foreign cities and large urban communities having more than 500,000 population. M. K. Zverev. Vop. geog. no. 38:232-245 '56.

Smulevich, B. IA. [Population statistics; second lecture in the series "Status of the health of the population and methods of studying it"] Statistika naselenia; lektsiia vtoraia iz tsikla "Sostoianie zdorov'ia naselenia i metody ego izuchenia," Pod obshchei red. E. D. Ashurkova i N. A. Vinogradova. Moskva, Gos. izd-vo med. lit-ry, 1956. 66 p. (Lektsii po organizatsii zdravookhranenila dlia studentov meditsinskikh institutov)

PORCELAIN
Fritted cordierite porcelain. S. I. Sil'vestrovich. Trudy MKHTI no. 21:100-112 '56.

PORONAYSK—AMATEUR ART ACTIVITIES
The curtain rises. O. Vlasov. Smena 33 no. 13:9-10 Jl '56.

POROSITY
Determining rock porosity by means of specific resistivity. S. G. Komarov. Prikl. geofiz. no. 14:129-155 '56.
Method of determining void spaces between sand grains. A. A. Arakelian. Dokl. AN Arm. SSR 22 no. 5:221-224 '56.

PORPHYRINURIA
Limited recurrent bullous eruptions in patients with pronounced porphyrinuria. V. A. Laptev, I. N. Vedrova. Vest. ven. i derm. no. 3:15-18 My-Je '56.

PORTER, WILLIAM SYDNEY, 1862-1910
O. Henry. Jean Charles. V zashch. mira no. 62/63:115-120 Jl-Ag '56.

PORTLAND CEMENT
Interaction of portland cement and crystalline silica during treatment in autoclaves. IU. M. Butt, L. N. Reshkovich. TSement 22 no. 2:21-26 Mr-Ap '56.
Thermal dissociation calcium sulfate in gypsum-clay mixtures for portland cement. L. A. Zakharov. Izv. AN Arm. SSR. Ser. FMET nauk 6 no. 4:95-90 Jl-Ag '53.

PORTNOV, ANZHEL' IOSIFOVICH, 1895-
Professor A. I. Portnov's commemorative anniversary. Apt. delo 6 no. 4:62 Jl-Ag '56.

PORTS see Harbors

PORTUGUESE COLONIES see subdivision under India

POSPELOV, VLADIMIR PETROVICH, 1872-1949
Vladimir Petrovich Pospelov; obituary. Visnyk AN URSR 21 no. 2:73-74 F '49.

POSTAGE STAMPS
Philatelist's corner: An unusual stamp. IUnost' no. 7: 112 Jl '56.
Sports stamps. I. Zharskii. Vozhatyi 32 no. 7:43 Jl '56.

POSTAL CARDS
Automatic post-card machine. Vest. sviazi 16 no. 4: 2 of cover Ap '56.

POSTAL SERVICE
(see also subdivision under Antarctic regions; White Russia)
Improve the quality of mail service for the rural population. Vest. sviazi 16 no. 7:20-22 Jl '56.
Removing dust from mail by means of a central exhaust system. N. A. Lodzik, V. A. Bruker. Vest. sviazi 16 no. 7:22-23 Jl '56.
Vishnovskii, A. A. [Capital assets of communication industries and their use] Osnovnye fondy sviazi i ikh ispol'zovanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 43 p. (Lektsii po ekonomike sviazi)

POSTAL SERVICE—HISTORY
From the history of the post. I. Daikhes. Ogonek 34 no. 26:30 Je '56.

POSTERS
Drawing curves on posters without the aid of patterns. M. A. Zgut. Srod. spets. obr. no. 8:50 Ag '56.
Five windows on Gor'kii Street. I. Rakhtanov. Novyi mir 32 no. 9:280-281 S '56.
For healthy living; model exhibition plan and materials for it. L. Orlovskii. Klub 5 no. 5:22-24 My '56.

POSTURE
Formation of children's posture. E. IAnkelevich. Sem'ia i shkola 11 no. 7:32-33 Jl '56.

POTASH INDUSTRY
Development of the potassium industry. V. M. Borisov, N. A. Afanas'ev. Khim. nauka i prom. 1 no. 2:146-149 '56.

POTASSIUM
Baranov, P. A., and D. A. Koren'kov. [Potassium fertilizers and their use] Kaliinye udobrenila i ikh primenenie. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 95 p. (DA)
Effect of potassium ions on excitation and inhibition in a two-neuron reflex arc. P. H. Kostiuk. Fiziol. zhur. [Ukr.] 1 no. 3:27-36 '55.

POTASSIUM IODIDE
"Negative" viscosity effect of nonaqueous solutions of potassium iodide. O. Z. Holyk, A. V. Oryshchenko, O. H. Artemchenko. Dop. AN URSR no. 6:453-456 '54.
Relative reactivity of the C-Cl bond of ∝- and γ -chloralkyltrimethylsilanes in reaction with potassium iodide. V. F. Mironov. Dokl. AN SSSR 108 no. 2:266-269 My '56.

POTASSIUM NITRATE
Specific heat and heats of conversion and fusion of potassium nitrate. V. A. Sokolov, N. E. Shmidt. Izv. Sekt. fiz.-khim. anal. 27:217-222 '56.

POTASSIUM NITRITE
Toxic effect of potassium nitrite on molds. E. V. Talalaev. Trudy Inst. fiziol. rast. 6 no. 1:237-244 '48.

POTASSIUM PEROXYDISULFATES
Rate of the decomposition of potassium persulfate in hydrocarbon emulsions. A. I. IUrzhenko, O. P. Brazhnikova. Zhur. ob. khim. 26 no. 5:1311-1314 My '56.

POTASSIUM SALTS
Argon content in potassium minerals. A. I. Goncharov. Ukr. khim. zhur. 17 no. 1:22-26 '51.
Physicochemical study of the quaternary aqueous reciprocal system of sodium and potassium nitrates and chlorides. N. N. Khitrova. Izv. Sekt. fiz.-khim. anal. 27:344-357 '56.
Reciprocal systems of sodium and potassium acetates and nitrites, and acetates and nitrates. A. G. Bergman, K. A. Evdokimova. Izv. Sekt. fiz.-khim. anal. 27:206-314 '56.
Solubility isotherm for the system: $2NaHCO_3 + K_2SO_4 \rightleftarrows 2KHCO_3 + Na_2SO_4 + H_2O$ at 50°. N. P. Luzhnaia, S. N. Kobiachikova. Izv. Sekt. fiz.-khim. anal. 27:358-366 '56.

POTATO BEETLE
Important conference. Nauka i zhizn' 23 no. 7:34 Jl '56.
Russia (1923- U. S. S. R.) Mezhduvedomstvennaia meditsinskaia konferentsiia po koloradskomu zhuku. [The Colorado beetle and its control] Koloradskii zhuk i mery bor'by s nim. Moskva, Izd-vo Akademii nauk SSSR, 1955. 1 v. (DA)

POTATO BREEDING
How we grow and breed high-quality potatoes. M. M. Gulkaiio, I. I. Adamov. Kartofel' no. 2:42-47 My-Je '56.
Selecting economically valuable forms from Solanum tuberosum and Solanum demissum hybrids according to habit of growth. N. N. Skibnevskaia. Kartofel' no. 2: 51-55 My-Je '56.

POTATO WART
Effect of boron on the growth, development and yield of various potato varieties differing in wart resistance. P. S. Zaitseva. Trudy Inst. zeml. AN Azerb. SSR 3:83-90 '55.

POTATOES
(see also subdivision under France; Great Britain; Ukraine; White Russia; Zhitomir Province)
Breeding potato seedlings for resistance to cold. N. G. Dudar', Agrobiologiia no. 3:121-124 My-Je '56.
Brief results of experiments in vegetable and potato growing conducted by the Kusary Regional Experiment Station of the Agricultural Institute of the Azerbaijan Academy of Sciences. I. D. Radzhabli. Trudy Inst. zemi. AN Azerb. SSR 3:49-66 '55.
Burkin, N. S. [Growing potatoes] Vyrashchivanie kartofelia. Kazan', Tatknigoizdat, 1955, 90 p. (DA)
Complete the cultivation of potatoes and prepare for harvesting. S. A. Nikol'skii. Mosk. kolkh. 5 no. 7:7 Jl '56.
Crew system of labor is a basic factor in obtaining high potato yields. V. F. Blinov. Kartofel' no. 2:19-20 My-Je '56.
Cultivation practices increasing the starch content in potato tubers. B. M. Vinogradskii. Kartofel' no. 2:33-36 My-Je '56.
Daily and seasonal course of photosynthesis and the accumulation of dry substance in potatoes, tomatoes, and makhorka. E. IA. Ermolaeva. Trudy Bot. inst. Ser. 4 no. 11:208-224 '56.
Decisive period in the effort to obtain high potato yields. Kartofel' no. 2:1-3 My-Je '56.
Effect of organomineral mixtures on potatoes. A. V. Zhukovskii and others. Agrobiologiia no. 3:107-108 My-Je '56.
Effect of planting time on the formation of potato berries. E. A. Ivanchenko. Agrobiologiia no. 3:119-121 My-Je '56.
Effect of the rectilinear motion of the planting unit on the spacing of potatoes in checkrow planting, using the SKG-4 potato planter. G. M. Karapetian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:77-90 Je '56.
Foliar feeding is an effective method for fertilizing potatoes. V. Usol'tsev. Sovkhoz. proizv. no. 6:71 Je '56.
Growing potatoes on floodlands and peat soils. V. F. Il'in. Kartofel' no. 2:26-28 My-Je '56.
Harrowing potato fields. B. M. Borisov, N. T. Torshin. Kartofel' no. 2:36-38 My-Je '56.
How to apply side-dressing fertilizers to potatoes. A. I. Tamman. Kartofel' no. 2:23-26 My-Je '56.
Make full use of combination cultivators-hillers. V. A. Mel'nikov. Kartofel' no. 2:38-40 My-Je '56.
Peeling potatoes by electric machine. I. Vol'per. Pioner no. 12:74 D '53.
Physiological basis for the placement of fertilizers in potato hills [with English summary in insert]. A. F. Kalinkevich, V. A. Aleksandrovskaia. Fiziol. rast. 3 no. 3:263-271 My-Je '56.
[The potato and vegetables.] Kartofel' i ovoshchi no. 8 Ag '56.
[The potato and vegetables.] Kartofel' i ovoshchi no. 9 S '56.
Potato yields in checkrowed plantings. T. F. Antropov. Dokl. Akad. sel'khoz. 21 no. 6:8-9 '56.
Production of potatoes and vegetables has increased. G. Vasilevich. Kolkh. proizv. 16 no. 5:18-19 My '56.
Six hundred centners of potatoes per hectare. I. I. Chistiakova. Mosk. kolkh. 5 no. 7:8 Jl '56.
Some problems concerning water exchange in the potato plant. F. IA. Buzover. Agrobiologiia no. 3:116-119 My-Je '56.
Tasks for agricultural science in potato growing. A. G. [illegible] no. 2:10-14 My-Je '56.
Thrice during the summer. S. Kanevskii. Ogonek 34 no. 24:16 Je '56.
Transformation of substances in germinating potato tubers taking place under the influence of fertilizers. A. F. Kalinkevich, V. A. Aleksandrovskaia. Dokl. AN SSSR 108 no. 4:683-685 Je '56.
Ways of increasing labor productivity in potato growing. I. A. Ivin. Kartofel' no. 2:14-18 My-Je '56.

POTATOES—HARVESTING
Compete in harvesting potatoes in the shortest time and without losses. A. Maksimova. Blok. agit. no. 25:7-13 S '56.
Gudzenko, I. P. [Potato harvesting machines] Kartofeleuborochnye mashiny. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956, 199 p.
Using the KKP-2 potato combine. P. M. Nastenko. Mekh. sil'. hosp. 7 no. 7:15-17 Jl '56.

POTATOES—VARIETIES see subdivision under Moscow Province; Ukraine

POTATOES, SEED see Seed potatoes

POTENTIAL, THEORY OF
On the letter by IU. A. Zaidenman. E. A. Kanevskii. Zhur. fiz. khim. 30 no. 5:1184 My '56.
On the paper by O. M. Poltorak "The activation energy of hydrogen ion discharge and the problem of absolute potential in electrochemical kinetics." M. I. Temkin, A. N. Frumkin. Zhur. fiz. khim. 30 no. 5:1162-1168 My '56.
One boundary value problem in the theory of the potential. I. M. Rapoport. Dop. AN URSR no. 2:3-8 '46.
Relation of the decomposition potentials of salts to their concentration in fused electrolytes. IU. K. Delimarskii, A. A. Kolotii. Ukr. khim. zhur. 17 no. 1:123-135 '51.

POTENTIOMETRIC ANALYSIS
Potentiometry of chlorite solutions. L. E. Flis, T. M. Vasil'eva. Zhur. ob. khim. 26 no. 5:1272-1277 My '56.

POTHOLES see subdivision under Belaya River

POTTERY
(see also subdivision under Minsk)
The art of porcelain. M. Mokh. Neva no. 7:189 Jl '56.

POTTERY, CHINESE see subdivision under Azerbaijan

POTTERY, GREEK see subdivision under Nymphaeum

POTTERY, PRIMITIVE see subdivision under Zvenigorod

POTTERY, SLAVIC see subdivision under Popina, Bulgaria

POTTIER, EUGÈNE, 1816-1887
The soldier and poet of the revolution. B. Sarnov. Pioner no. 7:76-77 Jl '56.
Winged words. S. Varanovich. Belarus' 13 no. 8:15 Je '56.

POULTRY
(see also subdivision under Berezan' (Kiev Province); Rossosh' District; Stavropol Territory)
Achievements of a poultry farm. Kh. A. Makhitarov. Ptitsevodstvo 6 no. 5:20-21 Je '56.

POULTRY (Continued)
Bare-necked chickens. G. A. Kodinets. Priroda 45 no. 8:102-105 Ag '56.
Comparative study of methods applied in rearing young chickens for renewing the flock of caged layers. N. V. Pigarev and others. Trudy VNIIP 5:90-98 '54.
Conference on the problem of increasing the production of poultry products. I. I. Podvoiskii, N. V. Lobin. Ptitsevodstvo 6 no. 6:45-47 Je '56.
Effect of various poultry slaughtering methods on the condition of the carcasses. A. A. Uspenskii, G. A. Fedorova. Trudy VNIIP 5:51-53 '54.
Elements of applied science instruction in lessons on the topic "Poultry." A. A. Gurevich. Uch. zap. Ped. inst. Gerts. 119:189-198 '56.
In the Academies of Science of the U. S. S. R. and the Ukrainian S. S. R. Ptitsevodstvo 6 no. 6:40-43 Je '56.
Increasing production in poultry husbandry. Z. A. Poliakova. Ptitsevodstvo 6 no. 8:45-48 Ag '56.
Increasing the labor productivity on mechanized collective poultry farms. I. M. Sidorenko, A. S. Makarov. Ptitsevodstvo 6 no. 8:12-14 Ag '56.
Issue more posters on poultry husbandry. T. A. Pozdniakova. Ptitsevodstvo 6 no. 8:40-41 Ag '56.
New assembly line method in packing-house processing of geese and ducks. A. Tikhomirov, R. Faleev, A. Batalov. Mias. ind. SSSR 27 no. 3:16-19 '56.
Notes of an agricultural specialist. V. Golushko. Sel'khoz. Kirg. no. 4:63-64 Ap '56.
Organizing poultry raising associations of workers and employees. M. A. Koroleva. Ptitsevodstvo 6 no. 8:35-37 Ag '56.
Otrygan'eva, A. F. [Raising baby chicks on poultry farms] Vyrashchivanie tsypliat na ptitsefermakh. [Saratov] Saratovskoe kn-vo, 1955, 25 p. (Opyt peredovikov sel'skogo khoziaistva) (DA)
Poultry raising on the "Chernovyi Shliakh" Collective Farm is progressing. R. A. Kovalev. Ptitsevodstvo 6 no. 6:19-20 Je '56.
Practical student work in poultry raising outside the class. P. F. Vinnichenko. Uch. zap. Ped. inst. Gerts. 119:199-206 '55.
Raising young poultry on collective farms. E. Lesniakova. Sel'khoz. Kirg. no. 4:25-26 Ap '56.
The school incubator, incubation, and the cage training of chickens under school conditions. I. A. Mikhal'chenko. Uch. zap. Ped. inst. Gerts. 119:207-225 '56.
Urgent problems in the economy of state farm poultry husbandry. G. V. Pankrat'ev. Sovkhoz. proizv. no. 8: 21-25 Ag '56.
Using antibiotics in poultry and livestock raising. Kh. Dzhilavian, A. Noskov. Kolkh. proizv. 16 no. 5:41-42 My '56.
V. M. Abramova's "book" ("Intensive poultry husbandry." Reviewed by A. E. Tikhomirov). Ptitsevodstvo 6 no. 8: 40 Ag '56.
Work experience of the Osokino State Poultry Farm. E. I. Negorozhenko. Ptitsevodstvo 6 no. 6:15-17 Je '56.

POULTRY—BIBLIOGRAPHY see Bibliography—Poultry

POULTRY—DISEASES AND PESTS
(see also subdivision under Kiev Province)
Ectoparasites of fowl and measures for controlling them. K. M. Krasnitskaia. Ptitsevodstvo 6 no. 8:32-34 Ag '56.
The role of general and specific preventive measures in controlling infectious laryngotracheitis of chickens. S. T. Shchennikov, E. A. Petrovskaia. Trudy VNIIP 5: 114-131 '54.
Veterinary and sanitation inspection of poultry carcases. S. T. Shchennikov. Veterinariia 33 no. 8:57-60 Ag '56.
Veterinary prophylaxis in the selection of maternal poultry stock. P. I. Feoktistov. Ptitsevodstvo 6 no. 8:30-32 Ag '56.

S see subdivision under Moscow

FEEDING STUFFS
er White Russia)
protein in feed rations of
A. M. Kosilova, L. I. Kustova,
IIIP 5:41-50 '54.
ry fattening. N. D. Kondratiuk,
4.
ilfur feeding of chickens on the
. Baumanis. Ptitsevodstvo 6
ed. G. V. Chernyshev. Ptitse-
56.
layers. N. V. Pigarev. Trudy
upplement in poultry rations.
stvo 6 no. 6:22-24 Je '56.
ig the increase of weight and
ockerels. A. P. Vinogradova,
5:12-18 '54.
itry feed. P. I. Dement'ev.
Ag '56.

Work practice of state poultry farms that are participants in the All-Union Agricultural Exhibition. A. A. Volkov, N. A. Goriunov. Sovkhoz. proizv. no. 7:52-55 Jl '56.

POULTRY, FROZEN
Qualitative changes in poultry meat during cold storage. L. I. Kustova, E. A. Gorizontova, K. M. Krasnitskaia. Trudy VNIIP 5:67-77 '54.

POULTRY BREEDING
Industrial crossbreeding in poultry husbandry. Sovkhoz. proizv. no. 6:75 Je '56.
Poultry breeding is a profitable branch of collective farm production. L. Dolzhanskii. Blok. agit. no. 28:44-4 of cover O '56.
Work practice in raising multipurpose chickens on the Kuchino State Poultry Farm. N. E. Nakhlupina, IA. IA. Shapovalov. Ptitsevodstvo 6 no. 8:15-19 Ag '56.

POULTRY BREEDS
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [Poultry breeds; based on information furnished by the all-Union Agricultural Exhibition of 1954 and 1955] Porody sel'skokhoziaistvennoi ptitsy; po materialam VSKhV 1954 i 1955 godov. [Moskva] Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1956. 135 p. (DA)

POULTRY HATCHERIES see subdivision under Berezan' (Kiev Province); Estonia; Latvia

POULTRY HOUSES AND EQUIPMENT
Field roosts. T. A. Pozdniakova. Ptitsevodstvo 6 no. 6:37-38 Je '56.
New chicken house for keeping hens in cages. A. I. Kalashnikov. Ptitsevodstvo 6 no. 8:21-22 Ag '56.
New nest construction. A. G. Frolov. Ptitsevodstvo 6 no. 8:23-25 Ag '56.
Raising chickens in cages. N. D. Kondratiuk. Ptitsevodstvo 6 no. 6:34-37 Je '56.
Useful suggestion. Ptitsevodstvo 6 no. 8:25 Ag '56.

POULTRY INDUSTRY
Productive reserves of the poultry processing industry according to registration records. N. D. Kodratiuk, P. A. Burmistrov. Trudy VNIIP 5:86-89 '54.

POULTRY PLANTS
Economic operation of poultry plants. N. D. Kondratiuk. Trudy VNIIP 5:106-113 '54.
Representatives of the Luxembourg Red Cross visit the Tomilinskiy Poultry Plant. A. I. Kalashnikov. Ptitsevodstvo 6 no. 6:39-40 Je '56.

POULTRY RESEARCH
Attracting leading workers into scientific work. N. P. Tret'iakov. Nauka i pered. op. v sel'khoz. no. 6:37 Je '56.

POWDERS (TECHNOLOGY)
Determination of the specific surface of finely pulverized materials by means of low temperature nitrogen adsorption. D. S. Sominskii, G. S. Khodakov. Khim. nauka i prom. 1 no. 2:209-210 '56.
Pneumatic classification of finely pulverized materials. A. M. Polotskii. Khim. nauka i prom. 1 no. 2:199-205 '56.

POWER, LEGISLATIVE see Legislative power

POWER ENGINEERING
Introduction. G. A. Bogdanov. Trudy LIEI no. 7:3-4 '54.
Summaries of studies made by student members of the student scientific society. Trudy LIEI no. 7:171-175 '54.
Technical progress in power engineering in the U. S. S. R. in the sixth five-year plan. Elek. sta. 27 no. 6:1-4 Je '56.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER PLANTS—EQUIPMENT AND SUPPLIES see subdivision under Europe, Western

POWER PLANTS, GAS see Gas power plants

POWER PRESSES
Electromagnetic punching machinery. S. IAkovlev. Nauka i zhizn' 23 no. 6:52 Je '56.
Presses for automatic stamping production lines. S. I. Cherniavskii. Avt. i trakt. prom. no. 6:42 Je '56.

POWER TRUCKS, INDUSTRIAL see Industrial power trucks

POZNAN, POLAND—FAIRS
International fair in Poznan. Nov. vrem. 14 no. 27:26 Je '56.

POZNAN, POLAND—GOVERNMENT, RESISTANCE TO
Events in Poznan. Sovremennik. Nov. vrem. 14 no. 29:3-6 Jl '56.
Exposed provocation. IA. Makarenko. Slaviane no. 8: 21-23 Ag '56.

PRAGMATISM
Pragmatism is an ideological weapon of imperialist bourgeoisie. IU. Mel'vil'. Kommunist 33 no. 11:94-108 Jl '56.

PRAGUE—BASKETBALL
The Czechs beat the French. Vsem. stud. nov. 10 no. 6/7:13 Je-Jl '56.

PRAGUE—DESCRIPTION
"Forever and ever." I. Stikarova'ka. Pionerila 33 no. 7:26-27 Jl '56.
Kontsevaia, E. A. [Springtime in Prague; sketches] Prazhskaia vesna; ocherki. Moskva, Sovetskii pisatel', 1956. 244 p.

PRAGUE—HYDRAULIC ENGINEERING—CONGRESSES
International conference on concrete for hydraulic structures. V. V. Stol'nikov. Gidr. stroi. 25 no. 3: 58-60 Ap '56.

PRAGUE—MUSIC FESTIVALS
"Prague spring." I. Martynov. Sov. muz. 20 no. 6:138-142 Ag '56.

PRAGUE—STUDENTS—CONGRESSES
Although visas were refused, the seminar took place. Ibnu Mustari. Vsem. stud. nov. 10 no. 6/7: 21-23 Je-Jl '56.
Concerning the congress. Vsem. stud. nov. 10 no. 6/7: 6-9 Je-Jl '56.
We are answering your questions. Vsem. stud. nov. 10 no. 6/7:6 Je-Jl '56.

PRAKAPCHUK, ANDREI IAKAULEVICH
A. IA. Prakapchuk; on his 60th birthday. L. TSimafeeva. Belarus' 13 no. 8:7 Ag '56.

PRECAST CONCRETE
Construction of small yards for precast reinforced concrete production. S. D. Krivokhizhin. Torf. prom. 33 no. 5:19-22 '56.
General problems of producing precast reinforced concrete elements. Nov. tekh. i pered. op. v stroi. 18 no. 7:31 Jl '56.
Method of building up an optimum assortment of standard supporting members for precast concrete construction. N. V. Nikitin. Bet. i zhel.-bet. no. 7:244-246 Jl '56.
Method of forming precast concrete elements and its effect on the strength and durability of structures. L. Gokhman. Arkhit. i stroi. Mosk. 5 no. 7:7-11 Jl '56.
Precast reinforced concrete units for wall panels of frame panel-built apartment houses. Rats. i izobr. predl. v stroi. no. 13:10-12 '56.
Selecting economic walls made of precast factory-produced elements. M. B. Zil'berbord. Nov. tekh. i pered. op. v stroi. 18 no. 7:23-24 Jl '56.
Standard plans for construction yards making precast reinforced concrete products. E. G. Gurevich. Avt. dor. 19 no. 6:20-21 Je '56.
Standard plans for precast concrete factories and plants. P. V. Nikitin, V. S. Il'ichev. Bet. i zhel.-bet. no. 7:229-231 Jl '56.

PRECAST CONCRETE—TESTING
Testing certain types of precast reinforced concrete elements. I. G. Liudkovskii. Biul. stroi. tekh. 13 no. 6:5-9 Je '56.

PRECAST CONCRETE CONSTRUCTION
(see also subdivision under Czechoslovakia; Tuymazy)
Deep-seated precast factory-made reinforced concrete tanks for petroleum products. V. A. Bunchuk. Stroi. pred. neft. prom. 1 no. 3:10-12 My '56.
Demonstration construction of apartment houses using coarse porous concrete building blocks. T. A. Voskanian. Stroi. pred. neft. prom. 1 no. 2:7-10 Ap '56.
Economical prefabricated foundations. A. Nekrasov. Sel'. stroi. 11 no. 5:11-13 My '56.
Experience with preparing and erecting precast reinforced concrete construction elements. N. A. Bolotan. Stroi. prom. 34 no. 6:17-19 Je '56.
For further utilization of precast and reinforced concrete. P. I. Vasilenko. Gidr. stroi. 25 no. 3:1-7 Ap '56.
Joints for precast elements of reinforced concrete frames of multistory houses. Rats. i izobr. predl. v stroi. no. 13:13-15 '56.
Joints for precast wall panels used in frameless apartment house construction. Rats. i izobr. predl. v stroi. no. 13:16-18 '56.
Main building of the electric power plant made of precast reinforced concrete. P. M. Sverdlov, Ш. R. Ioffe. Stroi. prom. 34 no. 6:20-24 Je '56.
New design for precast reinforced concrete granaries. A. Nekrasov. Muk.-elev. prom. 22 no. 7:11-12 Jl '56.
Precast reinforced concrete units for the frames of multistory apartment houses. Rats. i izobr. predl. v stroi. no. 13:4-9 '56.
Regional technical conference on the use of precast reinforced concrete. V. M. Lipkind. Gidr. stroi. 25 no. 5:57 Je '56.
Using precast foundations and wells. L. I. Alekseev. Stroi. pred. neft. prom. 1 no. 3:25-26 My '56.

PRECIOUS METALS
Geochemical importance of the quantitative Ag/Au ratio. V. V. Shcherbina. Geokhimiia no. 3:65-73 '56.

PRECIOUS METALS (Continued)
Studying the effect of sodium sulfide on the interaction between xanthogenate and the surfaces of precious metals. S. F. Lapiev, I. N. Plaksin. Izv. AN SSSR. Otd. tekh. nauk no. 6:126-135 Je '56.

PRECIOUS METALS—ELECTRIC PROPERTIES
Rudnitskii, A. A. [Thermoelectric properties of precious metals and their alloys] Termoelektricheskie svoistva blagorodnykh metallov i ikh splavov. Moskva, Izd-vo Akademii nauk SSSR, 1956. 140 p.

PRECIOUS STONES, ARTIFICIAL
Artificial diamonds. K. Barykin. Ukraina no. 15:29 Ag '56.

PRECIPITATION (METEOROLOGY)
Results of measuring electric charges of particles of precipitation in the free atmosphere. N. V. Krasnogorskaia. Izv. AN SSSR. Ser. geofiz. no. 7:844-852 Jl '56.

PRECISION CASTING
Cleaning precision castings. V. N. Ivanov. Lit. proizv. no. 7:5-6 Jl '56.
Precision casting. V. Sevastsianau. Belarus' 13 no. 6:16 Je '56.
Russian, S.V., and N.N. Golovanov. [Technology and organization of precision casting] Tekhnologiia i organizatsiia proizvodstva tochnogo lit'ia. [Leningrad] Gos. izd-vo sudostroit. lit-ry, 1953. 138 p.
[MICROFILM]

PREGNANCY
Effect of an allergic reaction on the course of pregnancy in animals. IA. A. Dul'tsin. Biul. eksp. biol. med. 42 no. 7:30-33 Jl '56.
Vitamin C and its fluctuations in parturient women under conditions prevailing in the Far North. A. IA. Markov. Vop. okh. mat. i det. 1 no. 3:69-74 My-Je '56.

PREGNANCY, COMPLICATIONS OF
"Cation treatment of edemas in toxicoses of pregnancy" (Arch. f. Gynaekologie no. 186:115-120 '55). H. K. Zinser. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:87 My-Je '56.
"Exfoliation of the retina as a complication of toxicosis in pregnancy" (Gynecologia no. 130: 405-409 '54) P. A. Jarvinen, O. Kinnunen. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:85 My-Je '56.
"Improvement in kidney function in late toxicosis of pregnancy by treatment with male sexual hormones" (Arch f. Gynaekologie no. 186:107-188 '55). H. W. Boschann. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:86-87 My-Je '56.
"Results of treating serious forms of late toxicoses of pregnancy with hypotensive agents" (Arch. f. Gynaekologie no. 186:102-188 '55). O. Kaeser. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:87 My-Je '56.
Trophic reflex influences from the active points of the skin on the internal organs as an additional factor in treating pregnancy toxicosis. A. K. Podshybiakin. Fiziol. zhur. [Ukr.] 1 no. 1:96-103 Ja-F '55.

PREGNANCY, EXTRAUTERINE
A case of interstitial pregnancy with birth at term. V. M. Khristoforova. Vop. okh. mat. i det. 1 no. 4:88-89 Jl-Ag '56.
Two cases of simultaneous uterine and extrauterine pregnancy. A. I. Vinokurenkova. Vop. okh. mat. i det. 1 no. 2:82-83 Mr-Ap '56.

PREGNANCY, MOLAR
Vesicular mole. A. L. Kaplan. Fel'd. i akush. 21 no. 6: 52-56 Je '56.

PREHISTORIC ANTIQUITIES see Archaeology

PREMATURE INFANTS see Infants (Premature)

PREMIUMS, EXPORT see Export premiums

PRESERVATION OF FOOD see Food—Preservation

PRESS see subdivision under Mongolia; United States

PRESS—HISTORY
Portiankin, I. A. [The workers' press during the fight for the creation of the Communist Party of the Soviet Union] Rabochaia pechat' v period bor'by za sozdanie Kommunisticheskoi partii Sovetskogo Soiuza. [Moskva] Izd-vo Moskovskogo univ., 1956. 113 p.

PRESSING MACHINERY
Improve the quality of wax presses manufactured by the Taganrog plant. P. Chumakov. Pchelovodstvo 33 no. 8:61-62 Ag '56.

PRESSURE (PHYSICS)
Superpressure. Tekh. mol. 23[i. e. 24] no. 7:22-25 Jl '56.
Volume elasticity of elements at superhigh pressures. IU. N. Riabinin. Fiz. met. i metalloved. 2 no. 2:225-236 '56.

PRESSURE, ATMOSPHERIC see Atmospheric pressure

PRESSURE GAUGES
Electric compensation of temperature errors in potentiometric pressure-recording gauges. A. I. Ioffe, A. S. Lifshits. Izm. tekh. no. 3:37-40 My-Je '56.
Upper limit of pressure difference measurements of pressure-gauge-flow meters made in the U. S. S. R. Prom. energ. 11 no. 5:40 My '56.

PRESTRESSED CONCRETE
Double stressing of wire reinforcements for concrete elements on revolving tables. A. V. Mikhailov, B. I. Domin. Bet. i zhel.-bet. no. 7:235-237 Jl '56.
Equipment for final stressing of reinforcements. N. E. Nosenko. Mekh. trud. rab. 10 no. 7:17-18 Jl '56.
Making and placing prestressed reinforced concrete bridge spans. IA. K. Dubovskii. Transp. stroi. 6 no. 6:18-20 Je '56.
Prestressed reinforced concrete construction elements. D. A. Shatalov. Stroi. prom. 34 no. 7:42-45 Jl '56.
Technology of producing prestressed reinforced concrete products. Nov. tekh. i pered. op. v stroi. 18 no. 7:31 Jl '56.
Twenty-four meter prestressed reinforced concrete beam. A. I. Avakov, V. A. Kopchugov. Nov. tekh. i pered. op. v stroi. 10 no. 7:3-6 Jl '56.

PRESTRESSED CONCRETE CONSTRUCTION
Building the engine house of a hydroelectric power station using prestressed precast concrete shells. V. Kh. Gol'tsman. Gidr. stroi. 25 no. 4:6-12 My '56.
Prestressed reinforced elements for roofs of industrial buildings. I. G. Liudkovskii. Biul. strot. tekh. 13 no. 7:10-15 Jl '56.
Turkin, V.S., ed. [The uses of prestressed reinforced concrete abroad; based on the International Congress on Prestressed Reinforced Concrete Construction held in Dresden, August 30 to September 4, 1954] Zarubezhnaia praktika primeneniia sbornogo zhelezobetona; po materialam Mezhdunarodnogo kongressa po sbornym zhelezobetonnym konstruktsiiam, proiskhodivshego v g. Drezdene s 30 avgusta po 4 sentiabria 1954 g. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 122 p.
Using prestressed reinforced concrete at the Kuybyshev Hydroelectric Power Station. B. V. IAkubovskii. Gidr. stroi. 25 no. 4:1-6 My '56.
Using prestressed reinforced concrete elements in the Kuybyshev Hydraulic Power Project. B. V. IAkubovskii. Mekh. stroi. 13 no. 7:21-23 Jl '56.

PREVENTION OF CRUELTY TO ANIMALS see Animals, Treatment of

PREVENTIVE INOCULATION see Serum therapy

PRIAHINA, NADEZHDA
A fulfilled dream. N. Priakhina. Kryl. rod. 7 no. 6:5 Je '56.

PRIANISHNIKOV, DMITRII NIKOLAEVICH, 1865-1948
D. N. Prianishnikov and the problem of fertilizers; on the 90th anniversary of his birth. E. I. Shkonde. Khim. nauka i prom. 1 no. 2:228-231 '56.

PRICES
The law of value and the monopoly price. S. F. Mikheeva. Vest. Len. un. 11 no. 11:30-40 '56.

PRIESTER, EVA
Branches from the tree of freedom ("From the tree of freedom" [in German]. Eva Priester, N. Stal'skii). Inostr. lit. no. 7:250-250 Jl '56.

PRILUTSKII, ALEKSEI VASIL'EVICH, d.1956
A. V. Prilutskii; obituary. Les. prom. 34 no. 7:30 Jl '56.

PRIMERS, UKRAINIAN
Donolovich, L. P. [A primer] Bukvar. Vyd. 3-e. Toronto, Vyd-vo "Novi dni," 1956. 100 p.

PRIMITIVE POTTERY see subdivision 'Pottery, Primitive' under Zvenigorod

PRINTING INDUSTRY
Kurakin, P.G., B.A. Paulin, and F.D. Aleksandrov. [The production of stationery goods in printing plants] Proizvodstvo pishchebumazhnykh izdelii v poligraficheskoi promyshlennosti. Moskva, Gos. izd-vo "Iskusstvo," 1956. 214 p.

PRINTING INDUSTRY—BIBLIOGRAPHY see Bibliography—Printing industry

PRINTING PRESS—HISTORY
Underground press of the Russian Social Democratic Party in Nizhniy Novogorod, Yekaterinoslav and Moscow in 1902-1906 (conclusion). N. N. Kudriashev. Ist. arkh. no. 3:156-170 My-Je '56.

PRIPET RIVER—FISHES
Fishes of the lower Pripet. O. F. Liashenko. Trudy Inst. gidrobiol. AN URSR no. 23:55-74 '49.

PRITSKER, ISAAK IAKOVLEVICH, 1905-1956
Isaak IAkovlevich Pritsker. Pitisevodstvo 6 no. 6:48 Je '56.

PROBABILITIES
(see also subdivision under Ukraine)
On a theorem in the theory of differential equations and statistics said to be invariant in the mean. A. A. Zinger, IU. V. Linnik. Dokl. AN SSSR 108 no. 4:577-579 Je '56.
One problem in differential algebra resulting from mathematical statistics. IU. V. Linnik. Usp. mat. nauk 11 no. 3:169-170 My-Je '56.

PROBABILITIES—BIBLIOGRAPHY see Bibliography—Probabilities

PROBLEM OF THREE BODIES
Exchange and capture in the three-body problem. V. M. Alekseev. Dokl. AN SSSR 108 no. 4:599-602 Je '56.
Singular trajectories of a system of material points with forces of interaction depending on reciprocal spacings. IU. D. Sokolov. Zbir. prats' Inst. AN URSR no. 9:62-88 '46.
Spatial motion of a system of three material points preserving constant relations of their relative distances. IU. D. Sokolov. Zbir. prats' inst. mat. AN URSR no. 11: 83-96 '46.
Spatial trajectories for the general collision of a system of material points affected by reciprocal forces. IU. D. Sokolov. Zbir. prats' inst. mat. AN URSR no. 11:3-23 '46.

PRODUCER GAS see Water gas

PRODUCTION—LINE METHODS see Assembly-line methods

PRODUCTION STANDARDS
Avoid feverish, all-out efforts. S. Boborykin. Sots. trud no. 7:62-64 Jl '56.
From the editor's mail. Sots. trud. no. 6:102-106 Je '56.
Fulfilling the shift's quota in seven hours. R. Oktiabr'skii. Sots. trud no. 7:70-71 Jl '56.
An immediate question. V. Burchuladze, L. Bliakhman. Sots. trud no. 7:60-62 Jl '56.
Participate actively in eliminating shortcomings in establishing work norms. Sots. trud. no. 6:92-97 Je '56.
Problems of work standardization in machine building. R. I. Khisin. Vest. mash. 36 no. 7:70-75 Jl '56.
The role and importance of technical work norms in industry. N. Zakharov. Sots. trud. no. 6:38-47 Je '56.
Russia (1923- U.S.S.R.) Ministerstvo sviazi. [Interdepartmental norms and estimates in construction and installation work] Mezhduvedomstvennye normy i rastsenki na stroitel'nye i montazhnye raboty. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture,
Sec. 04. [Installation of cable communication equipment] Montazh oborudovaniia provodnoi sviazi. 1956. 101 p.
"Standardization and normalization in machine building," A. I. Baranov, V. V. Kuz'min. Reviewed by T. A. Vvedenskii. Vest. mash. 36 no. 7:89-90 Jl '56.
A standardizer should not be a mere recorder. A. Shishliannikov. Sots. trud no. 7:101-102 Jl '56.

PRODUCTIVITY ACCOUNTING
Differentiation of coefficient commensuration in the calculation of production-volume indexes. N. S. Pomazkov. Trudy LIEI no. 9:56-62 '55.
Indexes for the usage of basic materials in the mineral-fertilizer industry. E. N. Osipova. Trudy LIEI no. 9: 46-55 '55.
Normative basis for the business accounting system of iron foundries. A. S. Kats. Trudy LIEI no. 8:93-106 '54.

PRODUCTIVITY OF LABOR see Labor productivity

PRODUCTS, BIOLOGICAL see Biological products

PRODUCTS, DAIRY see Dairy products

PROJECTILES, SELF-PROPELLED see Rockets (Ordnance)

PROJECTION, LANTERN see Lantern projection

PROJECTION, MOTION-PICTURE see Motion-picture projection

PROLETARIAT see subdivision under Baku

PROPAGATION OF PLANTS see Plant propagation

PROPANE
Flow sheet for the economical regeneration of propane at deasphalting plants. I. I. Shteingol'ts, B. I. Lupenko. Khim. i tekh. topl. no. 7:44-50 Jl '56.
Investigation of the effect of solvent on the rate of isotope exchange of the reaction $C_3H_7J + J^*$ at pressures up to 2500 kg/cm$^2$ (with English summary in insert). M. G. Gonikberg and others. Zhur. fiz. khim. 30 no. 4: 784-788 Ap '56.
Using propane for extracting asphalt from petroleum products. (Theory of solubility). N. F. Bogdanov. Khim. i tekh. topl. no. 3:42-50 Mr '56.

PROPELLERS
Damage to propeller shafts due to corrosion. E. A. IAnchevskii. Sudostroenie 22 no. 4:16-18 Ap '56.



412071 O - 57 - 18

PROPENE
Methallyl chloride as a fumigant for the disinfestation of grain. A. Cherkovskaia, N. Kuz'mina. Muk.-elev. prom. 22 no. 7:9-10 Jl '56.

PROPERTY OF CHURCH see subdivision 'Church property' under Kirghistan

PROPIOLIC ALDEHYDE
Configuration of the product of interaction of aniline with propargylic aldehyde. I.IA. Postovskii, R.O. Matevosian, IU.N. Sheinker. Zhur. ob. khim. 26 no. 5:1443-1448 My '56.

PROPYLENE OXIDE
Research in the field of synthesis and conversion of oxygen containing silicon organic compounds. Part 3. Interaction of propylene oxide with alkyl (aryl) chlorosilanes. M. F. Shostakovskii and others. Izv. AN SSSR. Otd. khim. nauk no. 5:632-634 My '56.

PROSECUTORS, PUBLIC see Public prosecutors

PROSKURA, GEORGII FEDOROVICH, 1876-
Georgii Fedorovich Proskura. Sborn. trud. lab. prob. bystr. mash. 3:3-10 '53.

PROSPECTING
(see also subdivision under Kuybyshev Province)
Mapping zones having varied fractured rock on the basis of borehole cores. B. I. Orekhov. Razved. i okhr. nedr 22 no. 5:39-42 My '56.
Problems in the development of geological prospecting for oil and gas. M. F. Mirchink. Neft. khoz. 34 no. 6: 1-10 Je '56.
Prospectors. V. Galaktionov. Sov. Soiuz no. 8:18-19 Ag '56.
Results of the second congress of the trade union of geological prospecting workers and problems of trade-union organizations. I. I. Fedorov. Razved. i okhr. nedr. 22 no. 5:1-5 My '56.

PROSPECTING—CONGRESSES
All-Union conference on geochemical methods in prospecting for ore deposits. V. I. Krasnikov. Geokhimiia no. 3:84-86 '56.

PROSPECTING—GEOPHYSICAL METHODS
(see subdivision under Baraletskaya Basin; Colchis; Georgia)
Asymmetrical (angular) sounding. L. M. Al'pin. Prikl. geofiz. no. 14:65-96 '56.
"Atlas of theoretical curves for interpreting magnetic and gravitational anomalies." D. S. Mikov. Reviewed by V. S. Krasulin. Razved. i okhr. nedr 22 no. 5:63 My '56.
Decreasing the effect of disturbances in deep electric prospecting. V. O. Uryson. Izv. AN SSSR. Ser. geofiz. no. 7:801-812 Jl '56.
Determining the elements of a sharply dipping stratum on the basis of the anomaly curve of the force of gravity. E. A. Mudretsova. Razved. i okhr. nedr 22 no. 5:32-38 My '56.
Earth seen through the automatic apparatus. M. Ariazerov. Ogonek 34 no. 31:16 Jl '56.
Field of a point source in the presence of compressed and extended spheroids. L. A. Khalfin. Izv. AN SSSR. Ser. geofiz. no. 6:657-668 Je '56.
Formula for computing errors of the gravimetric re- [illegible] of two points in connection with frequent measure- [illegible] group of gravimeters. IU. D. [illegible] Jl
Using electric prospecting to study causes of swamp formation. L. S. Chanturishvili, G. S. Varazashvili. Trudy Inst. geofiz. AN Gruz. SSR 13:119-127 '54.
Using unidirectional hodographs of reflected waves in seismic prospecting. G. IA. Murusidze. Trudy Inst. geofiz. AN Gruz. SSR 14:91-102 '55.

PROSTHESIS
Improve prosthetic-orthopedic aids for children. F. Kopylov, L. Rukhman. Sots. obesp. 17 no. 7:47-48 Jl '56.
Laboratory of mechanical tests and technical measurements. G. Roshchin. Sots. obesp. 17 no. 7:45-46 Jl '56.

PROSTHESIS, DENTAL see Dental prosthesis

PROTECTION OF GAME see Game protection

PROTECTIVE ATMOSPHERES
Automatic argon arc welding of stainless steel with melting electrodes in various positions. A. I. Akulov, N. IU. Pal'chuk. Svar. proizv. no. 6:27-29 Je '56.
Automatic butt welding of pipes that cannot be rotated. V. R. Verchenko, A. V. Petrov, M. I. Baranov. Svar. proizv. no. 6:22-26 Je '56.
Electric plug welding in a carbonic acid atmosphere. N. M. Novozhilov, A. M. Sokolova. Svar. proizv. no. 7: 10-13 Jl '56.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS
Kadaner, L. I. [Protective coatings for metals] Zashchitnye plenki na metallakh. Khar'kov, Izd-vo Khar'kovskogo ordena trudovogo krasnogo znameni gos. univ. im. A. M. Gor'kogo, 1956. 282 p.
The use of phosphate coatings in cold drawing of pipes. M. A. Freiberg. Metallurg no. 6:31-34 Je '56.

PROTEIN METABOLISM
Nature of the correlation of nucleic acids in metabolism with increased protein synthesis. O. P. Chepynoga, N. I. Kerova. Ukr. biokhim. zhur. 28 no. 2:145-157 '56.
Role of the glycolytic and oxidative mechanisms of phosphoprotein metabolism [with English summary in insert]. N. P. Lisovskaia. Biokhimiia 21 no. 3:434-440 My-Je '56.

PROTEINS
Comparative study of liver proteins and transplanted hepatoma. A. M. Kuzin, I. N. Romanova. Vop. med. khim. 2 no. 2:96-102 Mr-Ap '56.
Complementary effect of proteins in food intake at different times. A. E. Sharpenak, G. P. Eremin. Vop. pit. 15 no. 4:9-12 Jl-Ag '56.
Correlations of protein fractions and their easily hydrolized carbohydrates in the liver of mice with transplanted hepatoma, in the tissue of the tumor, and in the liver of healthy mice. A. M. Kuzin, A. A. Tustanovskii, G. A. Garzunova-Dal'skaia. Vop. med. khim. 2 no. 1:42-46 Ja-F '56.
Determining the amount of protein in feed rations of chicks raised for meat. A. M. Kosilova, L. I. Kustova, N. V. Pigarev. Trudy VNIIP 5:41-50 '54.
Effect of ergosterin oxidation upon the stability of its protein complexes. G. A. Dehorin. Dokl. AN SSSR 108 no. 4:680-682 Je '56.
Effect of temperature and storage time of meat on the physicochemical properties of its salt-soluble protein [with English summary in insert]. M. I. Sizov. Biokhimiia 21 no. 3:317-321 My-Je '56.
Inclusion of phosphorus in stable and labile protein compounds bound with nucleic acids in certain organs of [illegible] ng total body roentgen irradiation. [illegible] rad. 1 no. 2:65-70 Mr-Ap '56.
[illegible] labeled methionine into the proteins [illegible] and tissues of healthy guinea pigs and [illegible] seous gangrene. I. B. Fridiland. Vop. [illegible] 18-24 Ja-F '56.
[illegible] crystalline protein fractions from [illegible] ma. E. T. Soreni, P. D. Dvornikova. [illegible] 22 no. 2:127-134 '56.
[illegible] teins of the human brain. V. F. [illegible] d. khim. 2 no. 1:40-41 Ja-F '56.
[illegible] otein denaturation. Report no. 7: [illegible] salts on the denaturation of globu- TSyperovych, T. O. Halkina. Ukr. [illegible] no. 2:127-141 '56.
[illegible] chloroplasts [with English summary [illegible] sakian, S. S. Melik-Sarkisian. [illegible] 3:329-339 My-Je '56.
[illegible] substances in acorns of various oak [illegible] nenko. Ukr. biokhim. zhur. 22 no. 2: [illegible]
[illegible] in the nutrition of children suffering [illegible] A. Bril'. Vop. okh. mat. i det. [illegible] '56.
[illegible] nimal husbandry. I. S. Popov. [illegible] .6:1-10 Je '56.
[illegible] e crystalline lens of the eye. K. F. [illegible] d. khim. 2 no. 1:69-72 Ja-F '56.
[illegible] ical effect of low-calory diets [illegible] m amount of proteins and a normal [illegible] and salts. A. I. Makarychev and [illegible] 5 no. 4:18-22 Jl-Ag '56.
Unsolved problems of the structure of proteins. E. D. Kaverzneva. Vest. AN SSSR 26 no. 8:15-21 Ag '56.

PROTESTANT CHURCHES—RELATIONS—ORTHODOX EASTERN CHURCH
Enlivened hopes. A. Alekseev. Zhur. Mosk. Patr. no. 4: 58-61 Ap '56.
Noteworthy meeting. Zhur. Mosk. Patr. no. 5:53-73 My '56.
Reply telegram. Zhur. Mosk. Patr. no. 4:4 Ap '56.
Telegram from New York. Zhur. Mosk. Patr. no. 4:4 Ap '56.

PROTHROMBIN
Vitamin C effect on blood prothrombin in atherosclerosis. M. V. Ignat'ev. Voen.-med. zhur. no. 6:70 Je '56.

PROTOPLASM
Age changes in the permeability of protoplasm. G. S. Solkina. Trudy Inst. fiziol. rast. 6 no. 1:103-117 '48.
Dormancy in plants as a process of cell protoplasm division. P. A. Genkel', E. Z. Okunina. Trudy Inst. fiziol. rast. 6 no. 1:85-102 '48.

PROTOZOA
Study of the Protozoa. N. A. Rykov. Est. v shkole no. 4: 33-40 Jl-Ag '56.

PROVATOROV, N.
N. Provatorov as Musa Dzhalil'. Teatr 17 no. 7:157-158 Jl '56.

PROVERBS, GEORGIAN
[Georgian and Russian proverbs; parallels] Gruzinsko-russkie poslovitsy; parallel. Sost. P. TSerobeli. Tbilisi, Izd-vo "Sabchota Mtserali," 1956. 94 p.

PROVERBS, LEBANESE
Lebanese proverbs and sayings ("Modern Lebanese proverbs." Vols. 1 and 2 [in English]. Anis Fratha. Reviewed by L. Stepanov). Inostr. lit. no. 7:200 Jl '56.

PROVITAMINS
Study of unsaponifiable substances from certain invertebrates. Part 1. Group D provitamins in Black Sea mussels. V. P. Ventdl, L. M. Kuznetsova. Ukr. biokhim. zhur. 22 no. 2:144-153 '50.

PRUNE see subdivision under Ashtarak District

PRUNING
How to prove Rkatsiteli grapes. IU. K. Chernopashchenko. Sad. vin. Mold. 11 no. 3:10-12 My-Je '56.
Pruning frost-injured fruit trees. Sh. E. Khatipov, A. E. Khatipov. Sad i og. no. 7:56-58 Jl '56.
Restoring frost-injured orchards. D. I. Tuplisyn. Sad i og. no. 7:53-56 Jl '56.
Summer pruning of frost-injured trees. M. V. Bulgakov. Sad i og. no. 7:58-59 Jl '56.
When to prune frost-injured fruit trees. V. M. Sokolov. Sad i og. no. 7:50-53 Jl '50.

PRUNING SHEARS
Pruning shears of new design. M. Chernov. MTS 16 no. 7:37 Jl '56.

PRURITUS
Pruritic paresthesia in focal lesions of the nervous system. L. G. Erokhina. Zhur. nevr. i psikh. 56 no. 7:543-547 '56.

PSITTACOSIS
Incidence of psittacosis among people. E. S. Zatmanzon, S. A. Samvelova. Zhur. mikrobiol. epid. i immun. 27 no. 7:52-55 Jl '56.

PSORIASIS
Psoriasis following strong psychical experience. B. G. Fortus. Sov. med. 20 no. 5:77-78 My '56.
Successful treatment of acute arthropathic psoriasis. G. B. Nesterenko, G. Kh. Kogon, N. V. Leshchenko. Vest. ven. i derm. no. 3:52 My-Je '56.

PSYCHIATRIC NURSING
Care of sick with acute psychosis. B. G. Shoshin. Med. sestra 15 no. 6:20-23 Je '56.
Role of medical auxiliary personnel in preventing excitation of psychiatric patients. G. K. Ushakov. Med. sestra 15 no. 6:15-20 Je '56.

PSYCHIATRY
Plenum of the administration of the All-Union Scientific Society of Neuropathologists and Psychiatrists. V. M. Banshchikov. Zhur. nevr. i psikh. 56 no. 7:600-604 '56.

PSYCHIATRY—PERIODICALS
Scientific psychiatric literature with special reference to the "Zhurnal nevropatologii i psikhiatrii imeni S. S. Korsakova." N. S. Suria. Zhur. nevr. i psikh. 56 no. 7: 577-579 '56.

PSYCHOLOGY
Conference of the Institute of Psychology. V. K. Kotyrlo. Rad. shk. 18 no. 5:60-61 My '56.
Problems of genetic psychology. Jean Piaget. Vop. [illegible] psikhol. 2 no. [illegible]

PSYCHOLOGY (Continued)

Scientific research work of the Department of Psychology of Moscow Province Podagogical Institute. I. A. Arinmov. Vop. psikhol. 2 no. 3:112 My-Je '56.

Scientific work of the psychological faculty of Kharkov State Pedagogical Institute. V. I. Asnin. Vop. psikhol. 2 no. 3:113-114 My-Je '56.

PSYCHOLOGY, APPLIED

Reorganization of "aviation psychology." M. A. Kudriavtsev. Voen.-med. zhur. no. 9:3-7 S '51.

Some psychological problems in aviation. F. K. Petunin, Sh. K. Gvasaliia. Voen.-med. zhur. no. 9:8-9 S '51.

PSYCHOLOGY, CHILD see Child study

PSYCHOLOGY, EDUCATIONAL see Educational psychology

PSYCHOLOGY, PATHOLOGICAL

Topographic changes in the electric potentials of the skin in some mental diseases. A. K. Podshybiakin, V. M. Vashetko. Fiziol. zhur. [Ukr.] 1 no. 3:16-26 My-Je '55.

PSYCHOLOGY—PERIODICALS see subdivision under Humanis

PSYCHOLOGY, PHYSIOLOGICAL

All-Union conference on the psychology of sports. P. A. Rudik. Vop. psikhol. 2 no. 3:115-121 My-Je '56.

All-Union conference on the spychology of sports. R. S. Abel'skaia, V. A. Gavrilenko. Teor. i prak. fiz. kul'. 19 no. 7:554-558 Jl '56.

In the Department of Psychology of Lesgaft Institute of Physical Culture. A. TS. Puni. Vop. psikhol. 2 no. 3: 114-115 My-Je '56.

Kabanov, A. N. [A sketch of the physiology of higher nervous activity] Ocherk fiziologii vysshei nervnoi deiatel'nosti. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 146 p. (Pedagogicheskaia biblioteka uchitelia)

PSYCHOSES

Aminazine therapy for adolescents at a psychiatric clinic; preliminary report. A. N. Korganova. Zhur. nevr. i psikh. 56 no. 7:567-570 '56.

Arrest of psychomotor excitation with aminazine. G. K. Ushakov and others. Zhur. nevr. i psikh. 56 no. 7:571-574 '56.

Progress in the treatment of mental diseases. V. M. Morozov. Zhur. nevr. i psikh. 56 no. 7:591-599 '56.

Results of using aminazine in psychiatric clinical practice. E. A. Popov, T. A. Nevzorova. Zhur. nevr. i psikh. 56 no. 7:559-566 '56.

Use of aminazine in the psychiatric clinic. I. I. Lukomskii, E. F. Pavlenkova. Zhur. nevr. i psikh. 56 no. 7: 575-579 '56.

PSYCHOTHERAPY

Health education work in a sanatorium as an element of group psychotherapy. A. P. Speranskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1: 63-66 Ja-Mr '56.

PTITSINA, TAMARA

Two professions. I. Vershinina. Ogonek 34 no. 33:31 Ag '56.

PUBLIC DEBTS see Debts, Public

PUBLIC HEALTH

(see also subdivision under Albania; Ukraine; Yugoslavia)

Active Red Cross workers and the sanitary organization of cities and villages. A. Sysin. Sov. kras. krest 6 no. 3:3 My-Je '56.

Brief news. Gig. i san. 21 no. 7:63-64 Jl '56.

Brief news. L. K. Skorniakova, E. I. Stantso. Vop. okh. mat. i det. 1 no. 1:95-96 Ja-F '56.

For healthy living; model exhibition plan and materials for it. L. Orlovskii. Klub 5 no. 5:22-24 My '56.

Health knowledge should be more widely disseminated. G. Zalikin. Sov. kras. krest 6 no. 3:11 My-Je '56.

More attention to preserving the health of mothers and children. N. N. Grigor'eva. Vop. okh. mat. i det. 1 no. 1:3-9 Ja-F '56.

Tasks of the public health service in the light of decisions of the 20th Congress of the Communist Party of the Soviet Union. Sov. med. 20 no. 5:3-9 My '56.

Visiting future specialists. K. Kalmykova. Sov. kras. krest 6 no. 3:8 My-Je '56.

Ways of improving sanitary and epidemiologic services in the R. S. F. S. R. T. A. Nikolaeva. Gig. i san. 21 no. 7:3-7 Jl '56.

Work practice of the council of assistance. S. D. Izrailovich. Sov. zdrav. 15 no. 4:36-41 Jl-Ag '56.

PUBLIC HEALTH, RURAL

(see also subdivision under Kaluga Province)

The care of children in seasonal collective farm nurseries. I. P. Furmenko. Vop. okh. mat. i det. 1 no. 4:81-83 Jl-Ag '56.

How I conduct sanitation and prevention work on a state farm on virgin lands. V. I. Ivanov. Feld. i akush. 21 no. 9:34-35 Je '56.

Sanitary and epidemiological stations in a rural district. V. T. Selezneva, A. I. Dashkevich. Sov. zdrav. 15 no. 4:24-27 Jl-Ag '56.

When progressive work practice is not being made known. A. Alekseev. Sov. kras. krest 6 no. 3:12-13 My-Je '56.

PUBLIC PROSECUTORS

Conference in the editorial office of "Sovetskoe gosudarstvo i pravo" on the new course: Direction of public prosecution. Sov. gos. i pravo no. 5:125-127 '56.

Course of study: Jurisdiction of the public prosecutor in the U. S. S. R. S. A. Golunskii. Sov. gos. i pravo no. 5: 41-47 '56.

PUBLISHERS AND PUBLISHING

(see also subdivision under China; Ukraine; United States)

Books published by the Foreign Literature Publishing House in 1956. Sov. knizh. torg. no. 7:21-22 Jl '56.

The course of the book. Vl. Lidin. Novyi mir 32 no. 7: 184-189 Jl '56.

Hundreds of new books. Gennadii Fish. Novyi mir 32 no. 6:277 Je '56.

Increase the publication of books on radio engineering. Radio no. 7:11 Jl '56.

Librarians' demands of publishing houses. Bibliotekar' no. 8:1-6 Ag '56.

Literary publications in the sixth five-year plan. Ogonek 34 no. 30:28 Jl '56.

New books published by the Communications Publishing House. B. G. Sov. knizh. torg. no. 7:20-21 Jl '56.

Thoughts on the repertoire. A. Zhukov. Kul't.-pros. rab. 17 no. 7:16 Jl '56.

PUERPERIUM

Creatinuria in women in childbirth. A. D. Braun, T. A. Akhmeteli, N. I. Mirovich. Vop. med. khim. 2 no. 1:64-68 Ja-F '56.

Vitamin C and its fluctuations in parturient women under conditions prevailing in the Far North. A. IA. Markov. Vop. okh. mat. i det. 1 no. 3:69-74 My-Je '56.

PUJMANOVA, MARIE (HENNEROVA), 1893-

Voices of brothers ("Men at the crossroads," "Playing with fire," and "Life versus death" [in Lithuanian]. M. Pujmanova. Reviewed by J. Simkus). Slaviane no. 8:60-62 Ag '56.

PULITZER PRIZES

Pulitzer prizes for 1955. Mezhdunar. zhizn' no. 6:116-117 Je '56.

PULLORUM DISEASE

Use of synthomycin in treating pullorum disease of chicks. A. V. Koronnyi. Ptitsevodstvo 6 no. 6:31-33 Je '56.

PULMONARY EDEMA

Effects of various narcotics on the development of toxic pulmonary edema induced by ammonium chloride. IU. I. Vikhliaev, N. I. Losev, I. M. Shapiro. Biul. eksp. biol. med. 41 no. 6:42-45 Je '56.

PULVERIZERS

Increasing the efficiency of grinding lean coal in a resoluter pulverizer. G. V. Avaliani, V. N. Bereznegovskaia. Elek. sta. 27 no. 6:50-51 Je '56.

Installation of additional pulverizers for burning anthracite culm. IA. L. Pekker, L. A. Turilanskii. Elek. sta. 27 no. 6:49-50 Je '56.

PUMPING MACHINERY

Body restoration of oil pumps. O. R. Suprunenko. Mekh. sil'. hosp. 7 no. 6:31-32 Je '56.

Calculation of basic parameters for double acting rotary pumps. I. Z. Zaichenko. Stan. i instr. 27 no. 8:23-27 Ag '56.

Characteristic curve of a pump. B. I. Nakhodkin. Gidr. i mel. 8 no. 6:42-47 Je '56.

Gear pump for water flushing of wells during underground boring. I. I. Vorob'ev. Razved. i okhr. nedr 22 no. 5:49-52 My '56.

Investigating the wear of hubs and piston rings in mud pumps. V. S. Lomakin. Tren. i izn. mash. no. 11:47-80 '56.

Light borehole filter pump (LIU-5). I. A. Beliakov, M. V. Zenkov. Torf. prom. 33 no. 4:35-36 '56.

Performance of a double-action three-cylinder sludge pump. K. A. Ibatulov. Trudy Azerb. ind. inst. no. 7:40-44 '54.

Set of devices for transporting concrete mortar with the use of concrete pumps. L. E. Podborskii, O. P. Samoilov, G. M. Semenov. Gidr. stroi. 25 no. 3:22-25 Ap '56.

Simplified starting of propeller-type circulation pumps. V. I. Obbarius. Elek. sta. 27 no. 6:55-57 Je '56.

Suction-pump for fishing. Ogonek 25 no. 52:32 D '47.

Suction valve for PNS-T2X NDV mobile waterworks. I. G. Strakhal'. Mosk. kolkh. 5 no. 8:46 Ag '56.

Using distributing valves in the S-284 concrete pump pipelines. V. S. Sidorov. Gidr. stroi. 25 no. 6:52 Jl '56.

Using water-jet pumps to lower ground water. N. D. Dugineis. Gidr. stroi. 25 no. 3:20-21 Ap '56.

Water well equipment. A. M. Koniushkov. Biul. stroi. tekh. 13 no. 7:39-44 Jl '56.

PUMPKIN

Quality of fertilization and intensity of assimilation and respiration in the pumpkin and sunflower [with English summary in insert]. B. A. Bystrov, A. P. Pavlova, E. A. Fal'kenberg. Fiziol. rast. 3 no. 3:185-190 My-Je '56.

PURINE

Metabolism of purine-containing substances in animals during exhausting work. A. M. Hudina. Ukr. biokhim. zhur. 28 no. 2:217-222 '56.

Purine synthesis in the animal organism; a survey. M. F. Huiyi. Ukr. biokhim. zhur. 23 no. 4:465-483 '51.

PURPURA (PATHOLOGY)

Case of hemorrhagic vasculitis. L. P. Malsin. Sov. med. 20 no. 5:80-82 My '56.

PUS see Suppuration

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Fiftieth anniversary of Pushkin House; anniversary sessions in Leningrad. E. M. Khmelevskaia. Vest. AN SSSR 26 no. 8:126-129 Ag '56.

In memory of a great poet. Slaviane no. no. 7:27 Jl '56.

Micklewicz's ballads as translated by Pushkin. V. A. Khorev. Lit. slav. nar. no. 1:83-92 '56.

New letter by Pushkin. M. P. Alekseev. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:250-254 My-Je '56.

The story of one of Pushkin's conversations. B. Masalnov. Neva no. 6:187 Je '56.

Tomashevskii, B. Pushkin. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. (1813-1824). 1956. 743 p.

Who wrote "Boris Godunov?" K. V. Novyi mir 32 no. 7: 282 Jl '56.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—DRAMA

The return of Mikhail Bulgakov ("Days of the Turbins," and "The last days." M. Bulgakov. Reviewed by E. Kalmanovskii). Neva no. 6:180 Je '56.

PUTILIN, IVAN IVANOVICH, 1893-1954

Ivan Ivanovich Putilin. N. N. Sadovskii. Biul. VAGO no. 17:57-59 '56.

PUZYCH FAMILY

Anatolii Puzych and his family. R. Chentsov. Ogonek 34 no. 31:14 Jl '56.

PUZZLES

Leisure hours. Pioner no. 8:79 Ag '56.

PYCOCYANINE

N-alkylphenazinones. Part 2. A. I. Kiprianov, M. M. Koshchenko. Ukr. khim. zhur. 22 no. 3:351-354 '56.

N-alkylphenazinones, Part 3. A. I. Kiprianov, M. M. Kroshchenko. Ukr. khim. zhur. 22 no. 3:355-358 '56.

N-alkylphenazinones. Part 4. A. I. Kiprianov, G. M. Prilutskii. Ukr. khim. zhur. 22 no. 3:359-362 '56.

PYONGYANG, KOREA—ANATOMY, PATHOLOGICAL—CONGRESSES

Conference on pathological anatomy. Nov. Kor. no. 6: 41 Je '56.

PYONGYANG, KOREA—PHYSICAL EDUCATION AND TRAINING

Training athletic cadres. Nov. Kor. no. 6:41 Je '56.

PYONGYANG, KOREA—WOMEN

Women of Pyongyang hold a friendship evening. Nov. Kor. no. 6:40 Je '56.

PYRAZOLIDINEDIONE

Butadione. Voen.-med. zhur. no. 9:95 S '55.

PYRITES

(see also subdivision under Transbaikalia)

Substitute for Bordeaux mixture. N. F. Kleshchevich. Sad i og. no. 6:29-30 Je '56.

T. N. Shadlun's article "Some characteristics of the internal structure of grains in pyrite deposits." Reviewed by M. S. Bezsmertnaia. Min. sbor. no. 9:374-379 '55.

PYROCATECHOL

Molybdenum pyrocatechin complexes. A. K. Babko, T. N. Rychkova. Ukr. khim. zhur. 17 no. 2:198-208 '51.

PYROLIGNEOUS ACID

Ronidase. Saluzid and soluble saluzid. L-2 forest solution. Voen.-med. zhur. no. 6:94 Je '56.

PYROMETERS

A photoelectric spectropyrometer of high precision. V. V. Kandyba, V. A. Kovalevskii. Dokl. AN SSSR 108 no. 4:633-635 Je '56.

PYROPHOSPHATES

Thermochemistry of pyrophosphate complexes in solution (with English summary in insert). K. B. IAtsimirskii, V. P. Vasil'ev. Zhur. fiz. khim. 30 no. 4:901-911 Ap '56.

PYROPHOSPHOROUS ACID

Pyrocathechol esters of pyrophosphorous acid. A. E. Arbuzov, F. G. Valitova. Izv. AN SSSR. Otd. khim. nauk no. 6:651-663 Je '56.

PYROSULFURIC ACID

Physicochemical study of systems containing dioxane. Part 10. Certain physicochemical properties of dioxane solutions of pyrosulfuric acid. IA. F. Mezhennyi. Zhur. ob. khim. 26 no. 5:1371-1375 My '56.

PYRUVIC ACID

Pyruvic acid and adrenaline content of blood in pain. A. L. Bernshtein. Vop. med. khim. 2 no. 1:25-28 Ja-F '56.

Q FEVER

(see also subdivision under Altai Territory; Crimea; Stavropol Territory)

Diagnosis of Q fever in farm animals and measures for its elimination. I. A. Rostovtseva. Veterinariia 33 no. 7:53-56 Jl '56.

Epidemiology of Q fever. S. M. Kulagin. Zhur. mikrobiol. epid. i immun. 27 no. 7:3-10 Jl '56.

Experimental induction and serological investigations of Q fever. A. P. Zotov and others. Veterinariia 33 no. 7:44-53 Jl '56.

Q FEVER—PREVENTIVE INOCULATION

Experience in mass vaccination against Q fever. Report no. 1; Capacity of Q fever vaccine to produce reactivity and immunity. R. I. Zubkova, N. I. Fedorova, N. L. Kalmykov. Zhur. mikrobiol. epid. i immun. 27 no. 7: 24-27 Jl '56.

Experience in the preparation of vaccine against Q fever. N. I. Khodukin and others. Zhur. mikrobiol. epid. i immun. 27 no. 7:22-23 Jl '56.

QUANTITATIVE ANALYSIS see Chemistry, Analytical—Quantitative

QUANTUM THEORY

Concerning the correlation function for quantum systems. IU. L. Klimontovich. Zhur. eksp. i teor. fiz. 30 no. 5: 977-979 My '56.

Generalized method of calculating damping in the relativistic quantum field theory. V. I. Grigor'ev. Zhur. eksp. i teor. fiz. 30 no. 5:873-880 My '56.

Investigating the elementary excitation spectra of physical systems by using the method of kinetic equations for quantum distribution functions. IU. L. Klimontovich. Trudy MATI no. 26:100-125 '55.

QUARRIES AND QUARRYING

(see also subdivision under Orel Province)

Problems of improving the extraction of nonmineral building materials. F. A. Slipchenko. Stroi. prom. 34 no. 7:2-4 Jl '56.

QUARRIES AND QUARRYING—SAFETY MEASURES

Safety techniques in stone quarries. I. Amitin. Sel'. stroi. 11 no. 7:24-26 Jl '56.

QUARTZ

(see also subdivision under Volhynia)

Dust elimination in crushing and grinding plants. A. Gervas'ev. Sots. trud no. 7:85-86 Jl '56.

Peculiarities of the origin of high temperature quartz. IU. A. Dolgov. Min. shor. no. 9:85-89 '55.

QUARTZ CRYSTALS

Excitation of quartz emitters simultaneously at several frequencies. G. D. Mikhailov, N. V. Tikhonova, I. M. IAdrova. Akust. zhur. 2 no. 2:231 Ap-Je '56.

QUAYS see Wharves

QUINACRINE

Achrichine and garlic phytoncides for treating giardiasis. M. P. Tvauri. Voen.-med. zhur. no. 5:67-70 My '56.

Treating leishmaniasis during the ulceration stage by pricking the ulcer with an achrichine-novocaine solution. O. K. Shaposhnikov. Voen.-med. zhur. no. 6: 65-67 Je '56.

QUINOLINE

Research in the field of unsaturated cyclic hydrocarbons and of their derivatives. Part 19. Synthesis of 1,2,3-tribromocyclohexane and its interaction with quinoline. N. A. Domnin, M. A. Larionova. Zhur. ob. khim. 26 no. 5:1398-1400 My '56.

Study of the viscosity, density, and conductance of the system: quinoline -- acetic acid. S. P. Miskidzh'ian, S. S. Kirilfuk. Zhur. ob. khim. 26 no. 5:1350-1355 My '56.

RABBITS

Increase the labor productivity on rabbit and fur farms. M. V. Savin. Kar. i zver. 9 no. 3:21-24 My-Je '56.

Mechanization in the slaughterhouse processing of rabbits. A. E. Tikhomirov and others. Trudy VNIIP 5:54-50 '54.

Quality of rabbit pelts and ways of improving it. A. I. Kvapil'. Kar. i zver. 9 no. 4:38-41 Jl-Ag '56.

RABBITS—DISEASES AND PESTS

White hellebore infusion for treating ear mange in rabbits. I. IU. Eitkus. Kar. i zver. 9 no. 4:52-53 Jl-Ag '56.

RABIES

Rabies. A. M. IUrkovskii. Zdorov'e 2 no. 8:27-28 Ag '56.

RACCOON DOG

The raccoon fisherman. V. Stefanchuk. Ukraina no. 12: 32 Je '56.

RACCOONS

Theft. S. Pavliuk. Zmina no. 7:24 Jl '56.

RACHMANINOFF, SERGEI, 1873-1943

The living Rachmaninoff ("Letters." S. V. Rachmaninoff. Reviewed by A. Rupina). Novyi mir 32 no. 7: 269-281 Jl '56.

RADAR IN NAVIGATION

Using course angle grids to define the course and speed of a vessel located by radar. P. Vasilevskii. Mor. flot 16 no. 6:12-13 Je '56.

RADHAKRISHNAN, SIR SARVEEPALII, 1888-

People and events. Nov. vrem. 14 no. 26:30 Je '56.

RADIATION

Central and peripheral interrelationships in radiation sickness. M. N. Livanov. Med. rad. 1 no. 1:10-27 Ja-F '56.

Radiation from a luminous flame. A. M. Gurvich, V. V. Mitor, V. D. Terent'ev. Teploenergetika 3 no. 7:35-39 Jl '56.

RADIATION—BIBLIOGRAPHY see Bibliography—Radiation

RADIATION—MEASUREMENT

Dosimetry by means of glass. S. L. Atom. energ. no. 3: 145-147 '56.

Electrolytic thermobatteries for irradiation measurement. K. N. Emel'ianov. Biofizika 1 no. 3:204-201 '56.

Improved film dosimetry technique. S. L. Atom. energ. no. 3:144 '56.

Reproduction of the roentgen unit for gamma rays with the aid of an extrapolation camera. IA. L. Shekhtman, G. B. Radzievskii. Biofizika 1 no. 3:206-210 '56.

RADIATION—PHYSIOLOGICAL EFFECT

Certain characteristics of the effect of radioactive substances on the organism. D. L. Zakutinskii. Med. rad. 1 no. 1:68-79 Ja-F '56.

Change in the structural viscosity of nucleic acids of the brain and spleen under the effect of ionizing radiation. A. M. Kuzin, E. V. Budilova. Trudy Inst. biol. fiz. no. 1: 79-83 '56.

Characteristics of the reaction of the growing organism to massive doses of ionizing radiations. V. V. Kholin. Med. rad. 1 no. 2:75-80 Mr-Ap '56.

Conditioned reflex activity in dogs as affected by continuous ionizing irradiation of the head. N. N. Livshits. Biofizika 1 no. 3:221-231 '56.

Effect of radiation on the permeability of tissues in man. IA. I. Veksler. Voen.-med. zhur. no. 9:16-20 S '55.

Fluorescence microscopic investigation of early changes in the bone marrow and blood of irradiated animals. M. N. Meisel', V. A. Sondak. Biofizika 1 no. 3:262-273 '56.

Hematopoiesis and ionizing radiation. V. K. Polenko. Voen.-med. zhur. no. 6:91-93 Je '56.

Lesions of the eyes induced by penetrating radiation. B. L. Poliak. Voen.-med. zhur. no. 9:13-16 S '55.

Radiobiological effect in wheat seeds as affected by desiccation. IA. L. Shekhtman. Biofizika 1 no. 2:137-140 '56.

Reaction of the cardiovascular system to ionizing radiation. A. V. Lebedinskii. Med. rad. 1 no. 2:3-9 Mr-Ap '56.

Role of complex compound formation in the radioresistance of myosin. A. M. Kuzin, E. G. Plyshevskaia. Biofizika 1 no. 2:141-142 '56.

Some features of the biological action of ionizing radiations. G. S. Strelin. Med. rad. 1 no. 1:27-35 Ja-F '56.

RADIATION—TOXICOLOGY

Determining the dimensions of erythrocytes by the light diffraction method in connection with the biological effect of ionizing radiation. B. K. Lemazhikhin, G. M. Frank. Trudy Inst. biol. fiz. no. 1:276-287 '55.

Diagnostic role of a primary general reaction in acute radiation injuries. I. N. Ivanov. Voen.-med. zhur. no. 6:16-21 Je '56.

Effect of external and internal irradiation on the peripheral blood and bone marrow of rabbits. I. M. Shur'ian. Fiziol. zhur. [Ukr.] 1 no. 3:109-117 My-Je '56.

Effect of radioactive phosphorus on the general condition and motor function of the gastrointestinal tract in dogs. N. A. Zhoha. Fiziol. zhur. [Ukr.] 1 no. 3:102-108 My-Je '55.

RADIATION SICKNESS

Chemotherapy of radiation sickness in monkeys under experimental conditions. M. A. Tumanian, Z. V. Shevtsova. Med. rad. 1 no. 2:41-45 Mr-Ap '56.

Depressor reflex from the vagus nerve in radiation sickness. V. F. Cherkasov. Med. rad. 1 no. 2:51-61 Mr-Ap '56.

Dynamics of the blood complement titer in radiation sickness combined with other lesions. L. F. Volkova, A. P. Egorova. Voen.-med. zhur. no. 4:27-30 Ap '56.

Effect of anesthetics on radiation sickness. B. M. Kazanov. Khirurgiia no. 5:78-81 My '56.

Functional and anatomical changes in the bronchopulmonary system in radiation sickness. A. S. Arsen'ev. Voen.-med. zhur. no. 6:24-26 Je '56.

Gastrointestinal absorption of certain antibiotics and blood in radiation sickness. A. P. Dogliadkina. Med. rad. 1 no. 2:46-51 Mr-Ap '56.

Modern aspects of the problem of the pathogenesis of radiation sickness. P. D. Gorizontov. Med. rad. 1 no. 1:8-10 Ja-F '56.

Motor function of the gastrointestinal tract in radiation sickness. A. N. Kornilov. Voen.-med. zhur. no. 3:18-26 Mr '56.

Process of tissue respiration and of anaerobic oxidative phosphorylation in radiation sickness in experimental animals. L. V. Mytareva. Med. rad. 1 no. 1:31-37 Ja-F '56.

RADIATION STERILIZATION

Introduce atomic energy into the food industry. K. S. Pertsovskii. Nauka i zhizn' 23 no. 8:17-20 Ag '56.

RADIMOV, PAVEL ALEKSANDROVICH

Poet and artist. Sergei Smirnov. Mol. kolkh. 31 no. 6 26 Je '56.

RADIO

(see also subdivision under Lienkong County, Chekiang Province; Lysogorskiy District)

Eliminate shortcomings in the work of the state farm rediffusion station. Radio no. 7:15 Jl '56.

For technical progress in rural radio installation work. Radio no. 7:1-2 Jl '56.

Increase the publication of books on radio engineering. Radio no. 7:11 Jl '56.

Method of harmonic synthesis and its application to problems of radio engineering. A. M. Zaezdnyi. Radiotekhnika 11 no. 3:44-55 My '56.

[Proposals for increasing the efficiency of radiofication, radiobroadcasting, and the establishment of communication facilities] Ratsionalizatorskie predlozheniia po radiosviazi, radioveshchaniiu, radiofikatsii. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1956. 123 p.

Scientific meeting devoted to Radio Day. L. G. Sivukhin. Priroda 45 no. 6:110-111 Ag '56.

Scientific session devoted to Radio Day. Vest. svyazi 16 no. 7:31 Jl '56.

RADIO—ANTENNAS

Effect of the space between vibrators on the frequency and directional properties of a vibrator system of the "wave channel" type. D. M. Vysokovskii. Radiotekhnika 11 no. 5:21-25 My '56.

New wide-band shunt-fed antenna mast. E. A. Aslanov. Vest. svyazi 16 no. 4:4-6 Ap '56.

RADIO—APPARATUS AND SUPPLIES

(see also subdivision under Saratov)

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Radio equipment industry.] Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' nos. 28-34 Jl-Ag '56.

Miniature parts. A. Asiaf'ev, V. Mavrodiadi. Radio no. 7:33-37 Jl '56.

Radio parts trade in the village. Radio no. 7:37 Jl '56.

Technical advice. Radio no. 7:62-63 Jl '56.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—INTERFERENCE

Characteristics of an interference suppression system. V. P. Pevnitskii, F. E. Il'gekit. Elektrichestvo no. 6: 73-78 Je '56.

Grigorov, V.B. [Limiting the noise level in low frequency amplifiers] Snizhenie urovnia shumov v usilitelakh nizkoi chastoty. Moskva, Gos. energ. izd-vo, 1956. 38 p. (Massovaia radiobiblioteka, no. 244)

RADIO—RECEIVERS AND RECEPTION

Alteration of the power pack of the "Moskvich" radio receiver. A. Kalinin. Radio no. 7:63 Jl '56.

Automatic tuning of receivers. S. Vorob'ev. Radio no. 7: 49-51 Jl '56.

"Estonia" combination radio phonograph. IU. Raudsepp, A. Normet. Radio no. 7:21-25 Jl '56.

Improving the amplitude-frequency characteristics of the DR-89 receiver unit. A. S. Pal'chun. Vest. svyazi 16 no. 7:14-15 Jl '56.

Method of maintaining a single tuning characteristic in circuits operating with various periods of contact. A. L. Kharinskii, N. I. Svetlov. Radiotekhnika 11 no. 6:50-51 Je '56.

Portable radios. Radio no. 7:32a-32c Jl '56.

Receiver with an O-V-1 circuit. B. Smetanin. Radio no. 7:30-32 Jl '56.

Resistance to interference in the correlation method of reception. A. E. Basharinnov. Radiotekhnika 11 no. 5:26-34 My '56.

Suppression of pulse noise by compensation methods. V. A. Kliaznik. Elektrosviaz' 10 no. 8:25-35 Ag '56.

RADIO—REPAIRING

Gudin, S. A. [Mobile radio repair shop] Peredvizhnaia radioremontnaia masterskaia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 9 p. (Opyt peredovykh sviazistov)

Progressive practices of workers of radio reception and rediffusion stations in towns. Vest. sviazi 16 no. 4:24-26 Ap '56.

RADIO, SHORTWAVE

Letter to the editors. E. A. Khmel'nitskii. Answer to the letter by V. I. Zhitomirskii. Radiotekhnika 11 no. 6: 71-76 Je '56.

Propagating ultrashort waves to great distances beyond the horizon. V. N. Troitskii. Radiotekhnika. 11 no. 5: 3-20 My '56.

Those who hinder work in the air waves. I. Berenshtein. Radio no. 7:17 Jl '56.

RADIO, SHORTWAVE—COMPETITIONS see subdivision under Poland

RADIO AMPLIFIERS see Amplifiers, Electron-Tube

RADIO ASTRONOMY

Radio astronomy and the study of the universe. S. E. Khaikin. Priroda 45 no. 8:5-14 Ag '56.

RADIO CIRCUITS

Determining the speed of impulse change at the moment the set is switched on. V. M. Rudnyi. Radiotekhnika 11 no. 6:63-65 Je '56.

Kuplanov, M. R., and V. A. Levin. [Automatic frequency control] Avtomaticheskaia podstroika chastoty. Izd. 2-oe, dop. Moskva, Gos. energ. izd-vo, 1956. 200 p.

Printed circuits. I. N. Petrov. Nauka i zhizn' 23 no. 7: 5-8 Jl '56.

RADIO CLUBS

Girl radio operators. G. Ginzburg. Radio no. 7:9 Jl '56.

Radio club in the institute. V. Perlin. Radio no. 7:8 Jl '56.

RADIO COMPASS

Radio compass. E. Golkhman. Radio no. 7:54-56 Jl '56.

RADIO FREQUENCY MODULATION

Amplitude modulation with two diodes. A. D. Artym. Radiotekhnika 11 no. 5:35-43 My '56.

RADIO IN AERONAUTICS

Irreplaceable means of communication. V. Panagriev. Grazhd. av. 13 no. 5:26 My '56.

Training flight radio operators in the air. S. Tunian. Grazhd. av. 13 no. 7:4 Jl '56.

RADIO IN NAVIGATION

Calculating position coordinates by direction finders of two sector radio beacons. V. Kozhukhov. Mor. flot 16 no. 6:15 Je '56.

Ol'khovskii, V. E. [Determining a ship's position by means of radio; problems in navigation] Opredelenie mesta sudna pri pomoshchi radiotekhnicheskikh sredstv; voprosy navigatsii. Moskva, Izd-vo "Morskoi transport," 1956. 110 p.

RADIO INDUSTRY

Radio industry in the sixth five-year plan. V. Kalmykov. Radio no. 7:3-5 Jl '56.

RADIO ISOTOPES

Dosage of radioactive substances for internal therapeutic administration. N. V. Gorbatiuk. Vest. rent. i rad. 31 no. 3:21-26 My-Je '56.

RADIO JOURNALISM

Be daring! A. Fidrovskii. Sov. pech. no. 8:31-32 Ag '56.

Thoughts beside a radio set. G. Lazarev. Sov. pech. no. 6:26-27 Je '56.

RADIO MEASUREMENTS

Small damping boxes. Vest. sviazi 16 no. 4:30 Ap '56.

RADIO OPERATORS

Radio operators on the cruiser "Ordzhonikidze." K. Golovanov. Radio no. 7:6 Jl '56.

Story about radio operators ("At a naval post." S. Zarubin. Reviewed by A. Tunitskii). Sov. mor. no. 5:21 Mr '56.

RADIO RELAY SYSTEMS

New method of communication for main gas pipelines. P. A. Selivanov. Stroi. pred. neft. prom. 1 no. 1:11-13 Mr '56.

Organization of communications on the Stavropol-Moscow gas pipeline. P. A. Selivanov. Stroi. pred. neft. prom. 1 no. 5:17-20 Jl '56.

Russia(1923- U.S.S.R.) Ministerstvo sviazi. [Handbook for electrocommunications engineering] Inzhenerno-tekhnicheskii spravochnik po elektrosviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio.
Vol. 7. [Radio relay systems]
Radiorelelnye linii, 1956. 172 p.

RADIO STATIONS

(see also subdivision under Irkutsk Province; Zhashkov (Cherkassy Province) )

Radio communication in agriculture. M. Garazha. Radio no. 7:16-17 Jl '56.

School broadcasting unit based on Dnepr-3 type magnetophone. B. N. Zamaev. Fiz. v shkole 16 no. 4:94 Jl-Ag '56.

RADIO STATIONS—APPARATUS AND SUPPLIES

Control desk of a receiving station. M. I. Gromyko, V. F. Efremov, I. I. Oginskaia. Vest. sviazi 16 no. 4: 10-12 Ap '56.

RADIO STATIONS, SHORTWAVE

Radio station operating on 38-40 Mc/s. B. Levandovskii. Radio no. 7:18-20 Jl '56.

RADIO WAVES

Calculating the field intensity in zones of shadow and semi-shadow during the propagation of ultrashort waves along the flat spherical surface of the earth. A. I. Kalinin. Radiotekhnika 11 no. 6:43-49 Je '56.

Long-distance propagation of meter waves. S. Khazan. Radio no. 7:59-60 Jl '56.

Scatter transmission of radio waves (Proceedings IRE October 1955). Radio no. 7:60-61 Jl '56.

RADIO WAVES—PHYSIOLOGICAL EFFECT

Effect of ultrashort radio waves on the human body. D. I. Kostenko. Voen.-med. zhur. no. 3:85 Mr '56.

RADIOACTIVE FALLOUT

Japanese scientists against testing and using nuclear weapons. Hideomi Tsuge. Vest. AN SSSR 26 no. 6: 97-100 Je '56.

RADIOACTIVE SUBSTANCES

(see also subdivision under Russian Platform)

Radioactive substances increase cotton yields. V. Rubo. Grazhd. av. 13 no. 7:21 Jl '56.

RADIOACTIVE TRACERS

Labeled atoms in livestock raising. V. V. Koval'skii. Nauka i pered. op. v sel'khoz. no. 6:38-39 Je '56.

Quantitative study of the distribution of radioactive indicators in biological objects with the aid of the radioactive wedge. IA. V. Mamul'. Trudy Inst. biol. fiz. no. 1: 262-267 '55.

Tagged atoms. R. Shirshova. Tekh. mol. 23[i. e. 24] no. 7:8-9 Jl '56.

Use of radioactive substances to measure the flow of a liquid. S. A. Kursin, V. N. Mikhailovskii. Gidr. i mel. 8 no. 6:33-36 Je '56.

[Use of tagged atoms in biology; abridged translations and abstracts of foreign periodical literature] Deistvie izluchenii i primenenie izotopov v biologii 7 no. 3 '56.

Using isotopes in catalysis (all-Union conference). O. V. Krylov. Vest. AN SSSR 26 no. 6:128-130 Je '56.

RADIOACTIVE TRACERS—INDUSTRIAL APPLICATIONS

Use of radioactive indicators in studying the action of organic thiophosphoric additives in oils. G. V. Vinogradov and others. Khim. i tekh. topl. no. 6:14-20 Je '56.

RADIOACTIVITY

Raiskii, S. M., and V. F. Smirnov. [Physical principles of a method of radioactive indicators; a practical manual] Fizicheskie osnovy metoda radioaktivnykh indikatorov; rukovodstvo k prakticheskim rabotam. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 335 p.

RADIOACTIVITY—MEASUREMENTS

"Radiometry." V. I. Baranov. Reviewed by IE. S. Burkser. Geol. zhur. 16 no. 2:80 '56.

RADIOACTIVITY—PHYSIOLOGICAL EFFECT

Problems and tasks of radiation genetics. N. P. Dubinin. Vest. AN SSSR 26 no. 8:22-33 Ag '56.

RADIOACTIVITY—SAFETY MEASURES

Concrete for protection against radiation. S. A. Mironov, K. K. Ponomarev. Bet. i zhel.-bet. no. 7:259-262 Jl '56.

Ivanov, A. I. [Nuclear radiation of atomic explosions] IAdernye izlucheniia atomnogo vzryva. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 211 p.

Pneumatic hoist for the storage tube of gamma ray source containers. V. N. Vasil'ev. Sudostroenie 22 no. 6:30 Je '56.

RADIOARGON DATING

Argon method for determining the absolute age of rocks. IE. S. Burkser, F. I. Kotlova. Geol. zhur. 16 no. 2: 13-20 '56.

RADIOBIOLOGY

History of Russian radiobiology. IE. IU. Chebotar'ov. Fiziol. zhur. [Ukr.] 1 no. 3:110-122 My-Je '55.

Municipal seminar in Leningrad on radiobiology and the physics of penetrating irradiations. Med. rad. 1 no. 1: 89 Ja-F '56.

The "time factor" in the theory of the biological effect of radiation. IA. L. Shekhtman. Trudy Inst. biol. fiz. no. 1:99-121 '55.

RADIOBIOLOGY—CONGRESSES see subdivision under Cambridge, England; Stockholm

RADIOBIOLOGY—INSTRUMENTS

Quantitative study of the distribution of radioactive indicators in biological objects with the aid of the radioactive wedge. IA. V. Mamul'. Trudy Inst. biol. fiz. no. 1: 262-267 '55.

RADIOCHEMISTRY

Chemistry as topic of the session of the Academy of Sciences of the Ukrainian S. S. R. devoted to the problem of peaceful use of atomic energy. E. Shilov. Ukr. khim. zhur. 22 no. 3:409 '56.

Labeled alcohol check of the dehydration-condensation mechanism in the formation of the hydrocarbon chain when hydrocarbons are synthesized from CO and $H_2$. O. A. Golovina and others. Dokl. AN SSSR 108 no. 2:253-255 My '56.

Roginskii, S. Z. [Theoretical foundation of isotopic methods of studying chemical reactions] Teoreticheskie osnovy izotopnykh metodov izucheniia khimicheskikh reaktsii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 611 p.

Solution of certain analytical problems in the field of rare earths by means of radioactivation analysis. G. I. Born, K. F. Vaiss, M. G. Kobaladze. Trudy Kom. anal. khim. 7:104-118 '56.

RADIOGRAPHY

Diagnostic value of tomography in the clinical treatment of pulmonary tuberculosis. V. G. Lytkin. Voen.-med. zhur. no. 9:10-14 S '51.

Study of phosphorous segregation in steel by the method of autoradiography. (From foreign journals.) A. V. Stepanov. Metalloved. i obr. met. no. 7:55-60 Jl '56.

RADIOISOTOPES

Kornev, IU. V. [Radioactive atoms in science and technology] Radioaktivnye atomy v nauke i tekhnike. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 68 p. (Bibliotechka v pomoshch' lektoru)

"Radioactive indicator techniques." Reviewed by K. V. Astakhov, V. B. Verenichin, V. I. Zimin, V. I. Spitsyn and others. Zhur. fiz. khim. 30 no. 4:957-958 Ap '56.

Sensitivity of the determination of trace quantities of elements. Comparison of the activation analysis with other methods. W. W. Meinke [Translated from Science, 121, no. 3137, 177-184 (1955) by N. G. Poltanskii]. Usp. khim. 25 no. 6:770-780 Je '56.

Tracer atom study of the inversion of adsorption series in the ultra micro-concentration range (with English summary in insert). S. IU. Elovich, L. G. Kuz'mina. Koll. zhur. 18 no. 3:268-275 My-Je '56.

Use of radioactive isotopes in paper partition chromatography for inorganic compounds. E. S. Burkser, G. D. Eliseeva. Trudy Kom. anal. khim. 7:84-88 '56.

RADIOISOTOPES—BIBLIOGRAPHY see Bibliography—Radioisotopes

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Atomic technology and the progress of industry. V. Emel'ianov. Otv. na vop. trud. no. 07:15-21 '56.

Cart for the radioactive isotope container. Stroi. pred. neft. prom. 1 no. 1:30 Mr '56.

Consultation on the use of radioisotopes in mining. Mast. ugl. 5 no. 7:26 Jl '56.

Measuring the thickness of materials by means of radioactive isotopes. B. I. Verkhovskii, M. B. Neiman. Vest. AN SSSR 26 no. 6:89-91 Je '56.

Radioactive isotopes in metallurgy. IU. V. Kornev. Metallurg no. 1:15-19 Ja '56.

Use of radioactive isotopes to detect defects in fittings and welded joints. Sh. TS. Goliianskii. Energetik 4 no. 7:5-6 Jl '56.

Use of radioactive isotopes to study the mechanics of the formation of inclusions in castings. P. P. Berg, M. A. Studnits, B. IU. Feigelson. Lit. proizv. no. 7:18-19 Jl '56.

RADIOISOTOPES—THERAPEUTIC USE

Therapeutic use of radioactive isotopes. M. P. Domshlak. Med. rad. 1 no. 2:10-17 Mr-Ap '56.

RADIOLOGY

Problems in experimental radiobiology. P. D. Gorizontov, B. B. Moroz. Vest. AMN SSSR 11 no. 3:63-70 '56.

Radiation dosimetry. IA. L. Shekhtman. Trudy Inst. biol. fiz. no. 1:122-135 '55.

RADIOLOGY, INDUSTRIAL

Application of radiography for estimating sulfur distribution in rubber mixes. A. S. Novikov, M. V. Koloskova (with English summary in insert). Koll. zhur. 18 no. 3: 321-325 My-Je '56.

REFLECTION (OPTICS)
Albedo of snow cover. G. K. Sulakvelidze. Trudy Inst. geofiz. AN Gruz. SSR 12:163-178 '53.

REFLEXES
Botkin's cutanepcardiac reflex and variability of heart size. G. M. Pokalev. Terap. arkh. 28 no. 4:36-40 '56.
Conditioned and unconditioned responses in poliomyelitis. Z. M. Frantsuzova. Vop. okh. mat. i det. 1 no. 1:30-32 Ja-F '56.
Data on the effect of stimulation of interoceptors of the gastrointestinal system on unconditioned defense reflexes. Report no. 1: Relation of effects from interoceptors to the nature of the stimulus. Biul. eksp. biol. med. 42 no. 7:13-18 Jl '56.
Depressor reflex from the vagus nerve in radiation sickness. V. F. Cherkasov. Med. rad. 1 no. 2:57-64 Mr-Ap '56.
Dynamics of reflex transformation in the excitability and lability of human analysors. P. O. Makarov. Uch. zap. Len. un. no. 176:297-318 '54.
Effect of muscular activity on unconditioned salivary reflexes in man. V. A. Novi. Fiziol. zhur. [Ukr.] 1 no. 1: 25-32 Ja-F '55.
Effect of Rauwolfia serpentina alkaloids on autonomic reflexes. N. V. Kaverina, E. S. Milovidova. Farm. i toks. 19 no. 3:36-42 My-Je '56.
Galvanometric investigation of vegetative asymmetry. L. A. Korotkov. Zhur. nevr. i psikh. 56 no. 7:548-551 '56.
Inhibition of the abdominal reflex as a symptom in acute appendicitis. N. N. Fomin. Voen.-med. zhur. no. 6:79 Je '51.
Interoceptive reflexes in experimental fever in dogs. T. V. Popova. Biul. eksp. biol. med. 42 no. 7:33-38 Jl '56.
Maximum and minimum frequency of mechanical stimulation for calling forth the lactation reflex. I. I. Grachev. Uch. zap. Len. un. no. 176:164-170 '54.
Methods for studying conditioned and unconditioned reflex activity in patients with nervous and psychic diseases. N. M. Shcherbakov, K. V. Mosketi. Uch. zap. Len. un. no. 176:290-296 '54.
Reflex effect from oral and abdominal cavities on the blood pressure level in dogs. K. V. Myronchyk. Fiziol. zhur. [Ukr.] 1 no. 1:57-62 Ja-F '55.
Reflex theory and diseases. A. V. Napalkov. Nauka i zhizn' 23 no. 6:27-30 Je '56.
The role of the quality of stimuli in developing temporary connections. D. A. Biriukov. Uch. zap. Len. un. no. 176:273-282 '54.
Studying unconditioned vascular reflexes in patients with symptoms of narcolepsy. P. B. IAnchenko, M. S. Bychkov, D. L. Dligach. Voen.-med. zhur. no. 9:71-72 S '55.
Trophic reflex influences from the active points of the skin on the internal organs as an additional factor in treating pregnancy toxicosis. A. K. Podshybiakin. Fiziol. zhur. [Ukr.] 1 no. 1:98-103 Ja-F '55.

REFORESTATION
(see also subdivision under White Russia)
Natural regeneration of forests on upland swamps. L. P. Smoliak. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:82-108 '55.

REFRACTION
Research in the series of derivatives of alkylphosphinous and alkylphosphinic acids. Part 3. Atomic refraction of phosphorus in esters of alkylphosphinous acids. A. Razumov, O. Mukhacheva. Zhur. ob. khim. 26 no. 5: 1436-1440 My '56.

REFRACTION, ASTRONOMICAL
Precise corrections for chromatic refraction. O. A. Mel'nikov. Astron. tsir. no. 167:8-10 F '56.

REFRACTION, ASTRONOMICAL—TABLES, ETC.
Pulkovo. Astronomicheskaia observatoriia. [Refraction tables of Pulkovo Observatory] Tablitsy refraktsii Pulkovskoi observatorii. Izd. 4-oe. Moskva, Izd-vo Akademii nauk SSSR, 1956. 32 p.

REFRACTOMETRY
Refractometric investigation of organic oxides. M. M. Movsumzade. Trudy Azerb. ind. inst. no. 7:45-56 '54.

REFRACTORY MATERIALS
All-Union conference of refractory industry workers. Metallurg no. 2:22-23 F '56.
Fully utilize the wastes of basic refractories. M. P. Bykov. Metallurg. no. 4:25-26 Ap '56.
Heat-resistant concrete for lining furnaces. I. T. Antonova, S. IU. Barit, I. B. Veprik. Stroi. pred. neft. prom. 1 no. 6:16-18 Ag '56.
On the content and efficient method of preparing the clay component introduced into high-chamotte containing masses. R. IA. Popil'skii, I. F. Nemtsova. Trudy MKHTI no. 21:89-99 '56.
Temperature of the external surface of chrome-magnesite crowns of open-hearth furnaces. N. P. Kublanov, I. F. Sochan. Stal. proizv. no. 1:102-108 '56.
The use of zirconium refractories in the fine ceramics industry. (From "Ceramics" July 1955). Stek. i ker. 13 no. 7:31 Jl '56.

REFRACTORY MATERIALS—STANDARDS
Remarks on standards for magnesite and chromomagnesite refractory materials. S. N. Myshkin. Standartizatsiia no. 3:45-46 My-Je '56.

REFRACTORY MATERIALS—TESTING
Investigating the phase composition of a talcum-alumina sagger body. A. V. Beznosikova, R. K. Kordonskaia. Stek. i ker. 13 no. 7:23-26 Jl '56.

REFRIGERATION AND REFRIGERATING MACHINERY
Automatization of commercial-type ammonia refrigerating plants. V. IAkobson, V. Shavra. Khol. tekh. 33 no. 2:11-17 Ap-Je '56.
Drying insulating materials used in refrigerator casings. (From foreign journals). Khol. tekh. 33 no. 2:72-73 Ap-Je '56.
Freezer capacity in the meat industry. I. Geller. Khol. tekh. 33 no. 2:45-49 Ap-Je '56.
Membrane apparatus for freezing curd. A. Sheffer. Moloch. prom. no. 5:9-14 '56.
Modernization of industrial equipment is a most important task. Khol. tekh. 33 no. 2:1-4 Ap-Je '56.
Reference section. Khol. tekh. 33 no. 2:74-79 Ap-Je '56.
Single-stage method of refrigerating fresh packing-house by-products. D. Khristodulo, A. Shopenskii. Mias. ind. SSSR 27 no. 3:10-12 '56.
Solenoid valve control diagram. N. Simonov. Khol. tekh. 33 no. 2:61-62 Ap-Je '56.

REFRIGERATION AND REFRIGERATING MACHINERY—CONGRESSES see subdivision under Paris

REFRIGERATION AND REFRIGERATING MACHINERY—ELECTRIC DRIVING
Simplification of electric drives used in refrigeration compressors. V. S. Shcherbakov. Standartizatsiia no. 3:22-25 My-Je '56.

REFRIGERATOR CARS
Conference of railroad workers operating refrigerator cars. Khol. tekh. 33 no. 2:70 Ap-Je '56.
Some problems in veterinary and sanitary control in refrigerated transportation. L. M. Krapivner. Veterinariia 33 no. 8:68-70 Ag '56.

REFRIGERATORS
Semiconductor refrigerator. G. Ukraintets. Neva no. 6: 189 Je '56.

REFUGEES see subdivision under Germany, West

REGENERATION (BIOLOGY)
Experimental histological research on the epithelium in the anal region of rats. A. Zh. Blumberg. Biul. eksp. biol. med. 41 no. 6:70-73 Je '56.

REGENERATION (BOTANY)
Regeneration of skeletal muscular tissues in amphibians (frogs) following wound injections. N. N. Dampel'. Dokl. AN SSSR 108 no. 4:742-745 Je '56.

REGIONAL PLANNING
From readers' letters and suggestions. Plan. khoz. no. 3: 95-96 '56.
Textbook on planning the local economy and communal construction in an administrative district ("Planning the economy of a district," 2nd ed. P. I. Pitaevskii. Reviewed by A. Zimin). Plan. khoz. no. 3:91-94 '56.

REINFORCED CONCRETE
(see also subdivision under China; Leningrad; Minsk)
Combination construction yards for producing reinforced concrete porducts. IA. M. IAkobson, A. N. Kreindlin. Stroi. prom. 34 no. 7:5-8 Jl '56.
"Concrete-press" machine. A. A. Kozlovskii. Mekh. stroi. 13 no. 6:34-36 Je '56.
Dul'kin, V. IA., and A. A. Ulesov. [Submerged-melt welding of concrete reinforcements] Vannaia svarka armatury zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 50 p. (Novatory stroitel'noi industrii)
Instrument for determining the thickness of the layer of protective concrete in reinforced concrete elements. I. M. Goldfarb. Rats. i izobr. predl. v stroi. no. 135: 16-18 '56.
Machine for bending reinforcement rods. V. M. Gelmanisev. Stroi. pred. neft. prom. 1 no. 5:24-25 Jl '56.
Rapid method of determining the heat treatment for reinforced concrete products based on various cements. B. A. Bodianskii, A. D. Kosmachev. Biul. stroi. tekh. 13 no. 7:15-16 Jl '56.
Welding one-dimensional and three-dimensional reinforcement frames on the MTP-75 and MTP-100 welding machines. G. A. Grechushnikov, N. F. Shoffa. Stroi. prom. 34 no. 6:8-10 Je '56.

REINFORCED CONCRETE CONSTRUCTION
(see also subdivision under Kiev; United States)
Construction of hexahedral pit silos using concrete slabs. A. IAkobi. Sel'. stroi. 11 no. 7:4-6 Jl '56.
Installation of large reinforced concrete elements. L. F. Bozhko. Elek. sta. 27 no. 6:48 Je '56.
Multiple-point welding press. V. D. Voznesenskii. Stroi. pred. neft. prom. 1 no. 6:12-15 Ag '56.
Problem of using reinforced elements in hydraulic structures. A. G. Zolotarev. Gidr. stroi. 25 no. 6:14-15 My '56.
Reinforced concrete in large-span roof constructions. K. Kartashova. Arkhit. SSSR no. 5:43-47 '56.
Reinforced concrete in the building of cow barns. V. V. Zakharchenko. Sots. tvar. 28 no. 8:51-52 Ag '56.
Reinforced concrete tanks from concrete pressed concrete for gasoline storage. K. P. Chalkin. Stroi. pred. neft. prom. 1 no. 2:18-20 Ap '56.
Round pit silos made of slabs. P. Kulemkin. Sel'. stroi. 11 no. 7:6-7 Jl '56.

REITER'S DISEASE
Results of treating nonspecific infectious polyarthritis associated with cystitis and conjunctivitis (Reiter's disease). V. I. Anashkina. Sov. med. 20 no. 5:13-15 My '56.

RELATIVITY (PHYSICS)
Correctness of the formulation of the Cauchy problem and properties of harmonic coordinates in the general theory of relativity. F. I. Frankl'. Usp. mat. nauk 11 no. 1 (67) 196 My-Je '56.
Philosophical problems in the theory of gravity ("The theory of space, time, and gravity." V. A. Fok. Reviewed by V. I. Sviderskii). Vest. Len. un. 11 no. 11: 135-137 '56.
Remark on the paper of F. I. Frankl' "Correctness of the formulation of the Cauchy problem and properties of harmonic coordinates in the general theory of relativity" V. A. Fok. Usp. mat. nauk 11 no. 3:197-199 My-Je '56.
Some errors connected with the explanation of the aberration of stars in the theory of relativity. D. N. Gorskii-farb. Biul. VAGO no. 17:14-21 '56.

RELIGION
(see also subdivision under Slonim District)
For high-quality lectures on atheistic subjects. V. Peredarii. Sots. kul't. 0 no. 6:26-27 Je '56.
Soviet policy toward religion after 1942. Leo Haiavitch. Belaruski zhornik 3:5-67 '55.
Why such carelessness? V. Mikhailov. Klub 5 no. 5:11 My '56.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION AND SCIENCE
Akademiia nauk SSSR. Institut filosofii. [Natural science and religion; a collection of articles] Estestvoznanie i religiia; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1956, 285 p.

RELIGIOUS LITERATURE see subdivision under Armenia

REMBRANDT HERMANSZOON VAN RIJN, 1606-1669
Artist of genius. Ogonek 34 no. 24:26 Je '56.
Great master. Rabotnitsa 34 no. 7:25 Jl '56.
Great painter-humanist. I. Bitumina. Zvezda no. 7:18 Jl '56.
The great realist of modern painting; on the 350th anniversary of Rembrandt's birth. Usovaitad Rankelevichi. Belarus' 13 no. 7:22-23 Jl '56.
Rembrandt. Cornelia Kelk. Ogonek 34 no. 26:7-8 Jl '56.
Rembrandt. Emil Ludwig. Translated from the German by R. Rozental'. Novyi mir 32 no. 7:163-168 Jl '56.
Rembrandt; 1606-1956. Igor' Grabar'. Sov. Soiuz no. 7: 30-31 Jl '56.
Rembrandt; 1606-1669. L. Uspenskii, K. Shneider. Pioner no. 7:30-33 Jl '56.
Rembrandt; on the 350th anniversary of his birth. S. I. Kruzhkov. Smena 33 no. 14:16-17 Jl '56.
Rembrandt and Shevchenko. Platon Bilets'kyi. Ukraina no. 13:15-16 Jl '56.
Rembrandt van Rijn. A. Pavlov. Mol. kolkh. 23 no. 7: 24 Jl '56.
Rembrandt van Rijn. M. Elkind. Neva no. 7:167 Jl '56.
Rembrandt van Rijn. T. S. Golenko. Nauka i zhizn' 23 no. 7:57-58 Jl '56.
Rembrandt's "Night watch." V zashch. mira no. 69:11-30 My '56.

REMOTE CONTROL
Automatic and remote control of mining installations. A. I. Gorskii and others. Gor. zhur. no. 7:12-19 Jl '56.
Converting an ore dressing plant to remote-control operations. S. A. Zaikin. Gor. zhur. no. 7:34-37 Jl '56.
Remote control of skidding rigs. V. I. Allab'ev, A. M. TSetlin. Mekh. trud. rab. 10 no. 7:10-12 Jl '56.
Remote-control system designed by F. L. Korparchev, V. A. IAkovlev. Rech. transp. 15 no. 7:25-26 Jl '56.
Universal telemechanical apparatus. M. S. Zymbalevskyi. Mekh. sil'. hosp. 7 no. 7:26-27 Jl '56.

REMOTE CONTROL—BIBLIOGRAPHY see Bibliography—Remote control

RENDERING WORKS see subdivision under Leningrad

RENIN
Renin content in human kidneys following death from hypertension, and in rabbits with experimental hypertension induced by coarctation and with cholesterine atherosclerosis. IU. D. Vadkovskaia. Biul. eksp. biol. med. 41 no. 6:23-27 Je '56.

RENN, LUDWIG see Vieth von Golssenau, Arnold Friedrich, 1889-

REPATRIATION
(see also subdivision under Baltic States. Lithuania; White Russia)
Attention, "Newsweek," 1 Nov. vrem. 14 no. 26:19-20 Je '56.
The repatriation of Soviet citizens. Mezhdunar. zhizn' no. 6:127-128 Je '56.
Return from beyond the ocean. Volodymyr Vil'nyi. Ukraina no. 11:25 Je '56.

REPIN, IL'IA EFIMOVICH, 1844-1930
Little-known works by Repin. V. Zedain. Neva no. 6: 149-150 Je '56.

REPORTERS AND REPORTING
Develop the glorious movement of village and workers' correspondents. Sov. pech. no. 8:1-3 Ag '56.
First joys, the hundredth grief. I. Frolov. Sov. pech. no. 6:16-17 Ag '56.
A living voice. M. Sonkin. Sov. pech. no. 6:24-25 Je '56.
My basic theme. N. IAshchuk. Sov. pech. no. 8:14-15 Ag '56.
Results are more important than anything else. V. Fedotov. Sov. pech. no. 8:17-18 Ag '56.
We need support. A. Alpatov. Sov. pech. no. 8:13-14 Ag '56.

RESEARCH
(see also subdivision under Kazakhstan; Yakutia)
A most important means to develop creative scholarship. A. D. Aleksandrov. Vest. vys. shkoly 14 no. 7:18-25 Jl '56.
Young scholars and research. M. N. Tikhomirov. Vest. vys. shkoly 14 no. 7:13-17 Jl '56.

RESEARCH, INDUSTRIAL
Follow-up on material in "Moskovskii propagandist." Mosk. prop. 13 no. 5:80 My '56.

RESEARCH, MEDICAL see Medical research

RESERVOIRS
(see also subdivision under China)
Calculating and distributing the expenditures and losses of the national economy in creating water reservoirs for hydroelectric power stations. Z. D. Luskin. Gidr. stroi. 25 no. 6:23-26 Jl '56.
Concrete material for designing and estimating underground reinforced water reservoirs. A. A. Bespal'chev. Rats. i izobr. predl. v stroi. no. 129:36-39 '56.
Remarks on a book on an important subject ("Reservoirs and their use in irrigation." I. P. Gribanov, IA. M. Pashenkov. Reviewed by G. N. Petrov). Gidr. i mel. 3 no. 6:59-61 Je '56.

RESINS
Hygienic evaluation of working conditions and sanitary methods in the production urea formaldehyde resins. M. S. Shtromberg. Gig. i san. 21 no. 7:46-47 Jl '56.

RESINS, SYNTHETIC
Recovery of metallic gold from industrial wastes by means of synthetic resins. A. B. Davankov, V. M. Laufer. Zhur. prikl. khim. 29 no. 6:952-955 Je '56.

RESISTANCE, ELECTRIC see Electric resistance

RESONATORS, ELECTRIC see Electric resonators

RESORCINOL
Heptylresorcin. Voen.-med. zhur. no. 9:94-95 S '55.

RESORTS see subdivision 'Summer resorts' under Gorkiy Province; Zdravnitsa

RESPIRATION
Apparatus for the investigation of gas exchange in small animals. M. D. Hatsanuk. Fiziol. zhur. [Ukr.] 1 no. 3:123-130 My-Je '55.
Investigating blood pressure and respiration in experimental epilepsy. V. V. Shaliapin, IE. A. Stanko. Fiziol. zhur. [Ukr.] 1 no. 3:43-50 My-Je '55.
Respiration and movement. V. S. Farfel'. Zdorov'e 2 no. 8:9-11 Ag '56.
Tissue respiration in cases of the prolonged insulin shock. L. S. Cherkasava, M. F. Merazhynski. Vestsi AN BSSR Ser. biial. nav. no. 1:141-150 '56.
Tracheotomy and other measures in the treatment of respiratory disorders in acute poliomyelitis; review of foreign literature. L. M. Popova. Vest. oto-rin. 18 no. 4:70-75 Jl-Ag '56.

RESPIRATION OF PLANTS see Plants—Respiration

RESPIRATORY ORGANS
Conditions of the ear and of the upper respiratory tract in syringobulbia. N. A. Okulova. Vest. oto-rin. 18 no. 4:59-62 Jl-Ag '56.

RESPIRATORY ORGANS—CETACEA
Some aspects of respiration in cetaceans. S. E. Kleinenberg. Usp. sovr. biol. 41 no. 3:366-380 My-Je '56.

RESPIRATORY ORGANS—DISEASES
Catarrhs of the upper respiratory tract. G. A. Babushkin. Voen.-med. zhur. no. 9:84-85 S '51.
Treating malignant catarrhal fever in cows. N. P. Kolushov. Veterinariia 33 no. 7:69 Jl '56.

RESPONSIBILITY, ADMINISTRATIVE see Administrative responsibility

REST
Characteristics of active relaxation during dynamic work. I. M. Trakhtenberg, I. V. Savyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 1:76-82 Ja-F '55.
Relation between the functional state of nerve centers and the restorative action of active relaxation. I. V. Muravov. Fiziol. zhur. [Ukr.] 1 no. 1:83-90 Ja-F '55.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Kiev; Leningrad; Moscow)
"Dietetic restaurant; restaurant for therapeutic nutrition." M. S. Marshak. Reviewed by B. D. Vladimirov, V. I. Kurko. Vop. pit. 15 no. 4:56-58 Jl-Ag '56.
Noticeable changes. Inna Variamova. Rabotnitsa 34 no. 7:12-13 Jl '56.

RESUSCITATION
Modification of the reaction to certain shock-inducing stimuli in an organism during restoration of vital functions following clinical death. G. L. Liuban. Biul. eksp. biol. med. 42 no. 7:19-22 Jl '56.
Resuscitation of the organism following clinical death in dogs with a denervated carotid sinus. V. Serafimov, I. Popdimitrov. Biul. eksp. biol. med. 41 no. 6:16-19 Je '56.

RETAIL TRADE
(see also subdivision under Minsk; Moscow)
Strogov, N. I. [Work practices of specialty stores in foreign countries] Iz opyta raboty zarubezhnykh spetsializirovannykh magazinov. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 60 p.
[Trade abroad; technical and economic information (abstracts and translations).] Torgovlia za rubezhom; tekhniko-ekonomicheskaia informatsiia no. 9 '56.

RETINA—DISEASES
"Exfoliation of the retina as a complication of toxicosis in pregnancy" (Gynaecologia no. 136:405-409 '54). P. A. Jarvinen, O. Kinnunen. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:85 My-Je '56.
Possibility for favorable outcome in hypertension with severe retinopathy. I. F. Kopp, G. L. Kats. Sov. med. 20 no. 6:25-29 Je '56.

RETINA—SURGERY
Surgical treatment of exfoliation of the retina in a hospital. V. A. Cherniakov. Voen.-med. zhur. no. 9:40 S '55.

RETTING
(see also subdivision under Gorkiy Province)
Advantages of dew retting and water retting of freshly-pulled flax straw. V. T. Orlov. Len i konop. no. 5:23-24 Jl '56.
Improved retting ponds increase the returns in hemp growing. V. IA. Tikhonovich. Len i konop. no. 5:40-42 Jl '56.

REVENUE
(see also subdivision under Stalingrad Province)
Improve work on state revenue. A. Krivenko. Fin. SSSR 17 no. 7:8-14 Jl '56.
"State revenue in the U. S. S. R. budget." A. Sucikov. Reviewed by G. Tochil'nikov. Fin. SSSR 17 no. 7:85-91 Jl '56.

RÉVÉSZ, IMRE, 1859-1945
Imre Révész. Olena Roslavets'. Ukraina no. 14:24 Jl '56.

REVOLUTIONISTS
Society of Translators and Publishers. K. S. Vasilenko. Vest. Mosk. un. 11 no. 4:129-142 Ap '56.

REVOLUTIONS see subdivision under Germany; also subdivision under Azerbaijan; Baku; Ivanovo; Irkutsk Government; Russia; Tatar A. S. S. R.; Ukraine; White Russia; 'Revolution of 1917-1921' under Abkhazia; Azerbaijan; Leningrad; Mogilev; Russia; Tajikistan; Tuva Autonomous Province; White Russia

REWARDS (PRIZES, ETC.)
A. S. Popov gold medal award. L. G. Stoliarov. Priroda 45 no. 7:107 Jl '56.
A. S. Popov gold medal award. Vest. AN SSSR 26 no. 7: 70 Jl '56.
K. E. TSiolkovskii gold medal. Vest. AN SSSR 26 no. 8: 85 Ag '56.
Procedure for rewarding full-time party, trade-union, and Communist Youth League workers. Part. zhizn' no. 12:77-78 Je '56.

RH FACTOR
Case of transfusion of Rh-incompatible blood. V. A. Strukov. Sov. med. 20 no. 5:82-84 My '56.

RHENIUM
Chromatographic separation of molybdenum and rhenium. D. I. Riabshikov, A. I. Lazarev. Trudy Kom. anal. khim. 7:41-63 '56.
Separation of rhenium from vanadium and tungsten by means of ion-exchange chromatography. D. I. Riabchikov, A. I. Lazarev. Trudy Kom. anal. khim. 7:64-76 '56.

RHEOLOGY
Characteristics of after effects in metals. D. M. Vasil'ev. Zhur. tekh. fiz. 26 no. 6:1357-1365 Je '56.
Flow of two immiscible layers of viscoplastic liquids in a pipe. N. V. Tiabin. Koll. zhur. 18 no. 3:379-381 My-Je '56.
Plastic aftereffect in metals. D. M. Vasil'ev, L. S. Evlashin. Zhur. tekh. fiz. 26 no. 6:1351-1356 Je '56.
Reply to the communication by M. V. Tiabin "The flow of two immiscible layers of viscoplastic liquids in a pipe." A. Kh. Mirzadzhanzade, A. A. Mirzoian. Koll. zhur. 18 no. 3:382 My-Je '56.

RHEUMATIC FEVER
Abdominal syndrome in rheumatism in children. Z. S. Levin. Pediatriia 39 no. 3:90 My-Je '56.
Clinical aspects of rheumatism in preschool children. L. V. IAsnala. Pediatriia 39 no. 3:87 My-Je '56.
Development of cerebral rheumatism in a 7-year-old child. A. I. Andreev. Pediatriia 39 no. 3:83-84 My-Je '56.
How long should children by confined to bed during an acute period of rheumatism. T. N. Nikonova, N. M. Gol'din, B. A. Broer. Pediatriia 39 no. 3:90 My-Je '56.
Physical culture methods for children with rheumatic diseases. E. I. IAnkelevich. Vop. kur. fizioter. i lech. fiz. kult. 21 no. 1:55-59 Ja-Mr '56.
Plenum of the administration of the All-Union Society of Therapeutists. M. I. Teodori. Voen.-med. zhur. no. 6: 93-94 Je '51.
Scientific conference on rheumatism organized by the academic council of the Ministry of Public Health of the R. S. F. S. R. Z. E. Bykhovskii. Vop. okh. mat. i det. 1 no. 2:92-94 Mr-Ap '56.

RHINOCEROS, FOSSIL see subdivision under Armenia

RHIZOSPHERE MICROBIOLOGY
Effect of the rhizosphere of some agricultural plants on Azotobacter. Report no. 2 Kh. H. Zinov'eva. Mikrobiol. zhur. 13 no. 2:21-33 '51.
Effect of the rhizosphere of some agricultural plants on Azotobacter. Report no. 3. Kh. H. Zinov'eva. Mikrobiol. zhur. 13 no. 2:34-47 '51.
"Transactions of a conference on plant mycotrophy." Reviewed by V. IA. Chastukhin. Bot. zhur. 41 no. 4:506-508 Ap '56.

RHODODENDRON
Flowering of Daurian rhododendron. I. S. Kotov. Priroda 45 no. 8:115-116 Ag '56.

RHUBARB
Methods for processing garden rhubarb. M. S. Mordkovich. Sad i og. no. 6:32-33 Je '56.

RHYTHM
The role of the auditory analyzer in the perception of rhythm and in rhythmical muscular activity. M. A. Alekseev. Biul. eksp. biol. med. 41 no. 6:7-13 Je '56.

RIBOFLAVIN
Dynamics of changes in the riboflavin (vitamin $B_2$) content of the blood of infants in intoxications of intestinal origin, pneumonia and certain other diseases. M. N. Kalinikova, T. A. Lebedinskaia. Vop. okh. mat. i det. 1 no. 2:84 Mr-Ap '56.
Fluorometric determination of vitamin $B_2$ in urine. H. D. IElisseieva. Ukr. biokhim. zhur. 22 no. 2:154-159 '50.

RICE
Aquatic broadleaved rice. G. P. Belostokov. Priroda 45 no. 8:101-102 Ag '56.
How rice porridge grows. Andrei Shmankevich. IUn. nat. no. 5:22-27 Ag '56.
Influence of substances discharged by germinating rice seeds on the relation between rice and the millet Echinochloa crus galli (L.) R. et Sch. [with English summary in insert]. V. I. Svinarev, E. V. Barannikova. Fiziol. rast. 3 no. 3:272-276 My-Je '56.
Results of investigating the photophase in some rice varieties. V. A. Dubrovina. Agrobiologiia no. 3:31-34 My-Je '56.
Roentgenographic method for determining cracks in rice. V. R'ina, L. Butman. Muk.-elev. prom. 22 no. 6:21-22 Je '56.

RICKETS
Rickets in puppies. G. Zoteva. Okh. i okh. khoz. no. 7: 34-35 Jl '50.
Using labeled atoms to investigate certain problems in experimental rickets. E. A. Perkovich. Vest. rent. i rad. 31 no. 3:12-18 My-Je '56.

RICKETTSIA
Excretion of Rickettsia in urine. N. M. Mirzoeva. Zhur. mikrobiol. epid. i immun. 27 no. 7:39-43 Jl '56.

RICKETTSIA BURNETI
Resistance of the Q fever pathogen to some physical and chemical agents. S. M. Kulagin, N. F. Sokolova, N. I. Fedorova. Zhur. mikrobiol. epid. i immun. 27 no. 7: 28-32 Jl '56.

RADIOLOGY, MEDICAL
(see also subdivision under Great Britain; Leningrad; Moscow; Trancaucasia)
All-Union conference on medical radiology. A. N. Gamaleia. Voen.-med. zhur. no. 4:93-96 Ap '56.

Conference of young scientific workers on medical radiology. Med. rad. 1 no. 1:88-89 Ja-F '56.

Development of Russian medical radiology; on the 60th anniversary of the discovery of radioactivity. M. N. Pobedinskii. Med. rad. 1 no. 1:5-8 Ja-F '56.

Problem of medical radiology in clinical practice. M. N. Faleeva. Vest. AMN SSSR 1 no. 3:70-76 '56.

RADIOLOGY, MEDICAL—CONGRESSES
(see also subdivision under Mexico)
All-Union Conference on Medical Radiology. Med. rad. 1 no. 2:94 Mr-Ap '56.

RADIOLOGY, MEDICAL—PERIODICALS

From the editor. Med. rad. 1 no. 1:3-4 Ja-F '56.

RADIOLOGY, MEDICAL—SAFETY MEASURES
Medical radiology and problems in hygiene. A. A. Letavet, G. M. Parkhomenko. Vest. AMN SSSR 11 no. 3:77-81 '56.

RADIOSCOPIC DIAGNOSIS see Diagnosis, Radioscopic

RADIOTHERAPY
Comparative evaluation of rotary irradiation methods. A. V. Bibergal'. Biofizika 1 no. 2:146-154 '56.

Radiation surgery. P. F. Minaev. Nauka i zhizn' 23 no. 7:24-27 Jl '56.

Radiotherapy in chronic leucosis. T. K. Kazangapova. Terap. arkh. 28 no. 4:61-66 '56.

Salubrious rays. V. Modestov. Krest'ianka 35 no. 7: 21-22 Jl '56.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802
A. N. Radishchev's legacy of manuscripts. L. Svetlov. Novyi mir 32 no. 6:274-275 Je '56.

RADUS-ZEN'KOVICH, VIKTAR ALIAKSEEVICH, 1877-
V. A. Radus-Zen'kovich. M. Arussu. Belarus' 13 no. 8:24 Ag '56.

RAFILI, ULDUS
About stars. Teatr 17 no. 7:154 Jl '56.

RAGWEED see subdivision under Krasnodar Territory

RAICHIKHINSK—COAL MINES AND MINING
Raichikhinsk, the city of coal. M. Olenin. Mol. kolkh. 23 no. 7:3 Jl '56.

RAILROAD BRIDGES
Technical and economic bases of standard building plans for structures of the transport industry. V. V. Zakharov. Transp. stroi. 6 no. 6:1-4 Je '56.

RAILROAD ENGINEERING—BIBLIOGRAPHY see Bibliography—Railroad engineering

RAILROAD LAW
Basic legal characteristics of the liability of railroads in the U. S. S. R. arising from the transportation of freight. A. A. Fainshtein. Dop. ta pov. L'viv. un. no. 4, pt. 1:26-30 '53.

RAILROADS
(see also subdivision under China; Gobi; Mongolia)
The development of U. S. S. R. railroad transportation in the sixth five-year plan. A. I. Lebed'. Obz. vazhn. sob. v SSSR 3 no. 94:1-7 Je '56.
Five-year plan of the railroads. I. Cholnokov. Neva no. 7:135-137 Jl '56.
On our country's railroads. H. Leonenko. Pioneriia 33 no. 7:7-9 Jl '56.
Trains are operated by automatic machines. Vl. Rudim. Ogonek 34 no. 25:14-15 Je '56.

RAILROADS—ACCOUNTS, BOOKKEEPING, ETC.
Kalmychin, I. F., and B. P. TSarev. [Records, estimates and accounts in economically consolidated railroads] Uchet, kal'kuliatsiia i otchetnost' v khoziaistvennykh edinitsakh zheleznykh dorog. Moskva, Gos. transp.

RAILROADS—ELECTRIC EQUIPMENT
[Manual for electricians and installers in the communication system] Pamiatka elektromekhaniku i monteru sviazi. Izd. 4-oe, perer. Moskva, Gos. transp. zhel-dor. izd-vo, 1953. 78 p. (Rabota zheleznykh dorog v zimnikh usloviiakh)

RAILROADS—ELECTRIFICATION
The electrification of railroads in the Soviet Union. A. Galitskii. Vop. ekon. no. 8:25-33 Ag '56.

RAILROADS—EMPLOYEES see subdivision under China

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING
Improve the curricula and teaching programs. G. K. Astaf'ev. Sred. spets. obr. no. 8:31-38 Ag '56.

RAILROADS—FREIGHT
Changing short-run haulage from railroad transport to truck transport. E. Ivanova. Avt. transp. 34 no. 5: 4-6 My '56.
Selection of weight and speed for freight trains using different types of traction. B. E. Peisakhzon. Tekh. zhel. dor. 15 no. 4:9-13 Je '56.

RAILROADS—FREIGHT CARS
Equipping flatcars for gravel hauling. T. Z. Zakharov, V. P. Trusov. Les. prom. 34 no. 6:16 Je '56.
Russia (1923- U. S. S. R.) Glavnoe upravlenie vagonnogo khoziaistva. [Symbols and inscriptions on Soviet railroad cars] Znaki i nadpisi na vagonakh zheleznykh dorog SSSR. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 70 p.

RAILROADS—RAILS
Determining the wheel load on the rails of electric locomotives. A. S. Rodov. Tekh. zhel. dor. 15 no. 4:31 Je '56.
Effectiveness of greasing rails for decreasing lateral wear on curves. S. A. Linev. Tekh. zhel. dor. 15 no. 4:26 Je '56.
In a few words. Metallurg no. 3:36 Mr '56.

RAILROADS—RAILS—QUALITY CONTROL
Work practices of the heat inspectors in the Department of Technical Inspection of the "Azovstal'" plant. V. V. Trofimov. Metallurg no. 6:26-28 Je '56.

RAILROADS—REFRIGERATOR CARS see Refrigerator cars

RAILROADS—SIGNALING
The PS-TsNII-48 floodlight signal. B. N. Pushkarev. Tekh. zhel. dor. 15 no. 4:27-28 Je '56.

RAILROADS—STATION SERVICE
Combined unloading and loading places for double operations. I. M. Golubets. Tekh. zhel. dor. 15 no. 4: 29-30 Je '56.

RAILROADS—STATIONS
(see also subdivision under Shilda; United States)
Diugach, B. A. [The design of railroad stations and the organization of their work] Ustroistvo zheleznodorozhnykh stantsii i organizatsiia ikh raboty. Izd. 2-oe, ispr. i dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 410 p.
Railroad stations and terminals. S. V. Zemblinov. Trudy Inst. ist. est. i tekh., 8:22-48 '56.

RAILROADS—TIES
Organizing the rolling of tie plates for narrow-gauge tracks. N. G. Nezhdanov, M. L. Mirenskii. Metallurg no. 1:32-33 Ja '56.
Use of the foreman's fund. B. Bel'gol'skii, A. Staroscl'skii. Sots. trud no. 7:81-82 Jl '56.

RAILROADS—TRACK
Organizing mechanized crews for railroad construction. M. A. Stoilik. Torf. prom. 33 no. 5:21-22 '56.
Unit laying of track on reinforced concrete ties (From "Revue generale des Chemins de fer" N 1953). A. M. Sazonov. Transp. stroi. 6 no. 6:26-27 Je '56.

RAILROADS, ELECTRIC see Electric railroads

RAILROADS, MINE see Mine railroads

RAILROADS, NARROW-GAUGE
Practice in the mechanized laying of logging spurs. N. E. Bokii. Les. prom. 34 no. 6:13-14 Je '56.

RAIN AND RAINFALL
Methods of fertilizing and the effect of summer precipitations on corn. S. F. Negovelov. Ud. i ur. 1 no. 6:36-43 Je '56.

RAMAN EFFECT
The influence of intermolecular interaction on the intensity of first-order Raman lines. IA. S. Bobovich, V. M. Pivovarov. Dokl. AN SSSR 108 no. 4:607-610 Je '56.

RAMENSKOYE DISTRICT—VETERINARY MEDICINE
Veterinary service in Ramenskoye District, Moscow Province. L. I. Ryzhenkov. Veterinariia 33 no. 7: 15-19 Jl '56.

RAMIREZ, MIGUEL
The old man Hemingway's book. R. Zamkova. Ogonek 34 no. 27:21 Jl '56.

RANGES (STOCK) see Stock ranges

RARE EARTHS see Earths, Rare

RASIKH, A.
Mansur finds friends ("My fate [illegible]" by A. Rasikh. Book review). [illegible] '56.

RATIONING, CONSUMER
The first days. Ogonek 35 [illegible]
No more ration cards. A. V. [illegible] no. 52:11 D '47.

RATS—EXTERMINATION
Deratization of farm animal [illegible] Veterinariia 33 no. 6:70-80 [illegible]

RAUWOLFIA
Effect of Rauwolfia serpentina [illegible] reflexes. N. V. Kaverina, [illegible] toks. 19 no. 3:36-42 My-Je '56.

RAZENKOV, IVAN PETROVICH, [illegible]
I. P. Razenkov; obituary. [illegible] 140 Ja-F '55.

RAZUMEENKO, TAT'IANA VASIL'EVNA
Medical officer. E. Vorob'ev. [illegible] '56.

READING
Extracurricular work on [illegible] cal schools. F. G. Bogdanov. [illegible] no. 3:85-88 My-Je '56.

READING (ELEMENTARY)
Reading must be ready! A. V. [illegible] 24 no. 9:20-24 S '56.

REARRANGEMENTS (CHEMISTRY)
Certain rearrangements in the [illegible] shune, L. I. Verkina. [illegible] 284 '51.

REBA, ALEKSANDR GRIGOR'EVICH
Engineer Reba's notes. [illegible] 23-24 N '47.

RECEPTORS (NEUROLOGY)
Vvedenskii's and Ukhtomskii's [illegible] reception mechanisms. M. N. [illegible] Len. un. no. 176:283-289 '54.

RECEPTORS (PHYSIOLOGY)
Effect of the stimulation of [illegible] and mechanoreceptors of the [illegible] activity of leukocytes. A. I. [illegible] Sh. Rustamova. Biul. eksp. [illegible] Je '56.

RECLAMATION OF LAND
(see also subdivision under Altai Territory; Ba-Dala; Cherkassy Province; Chu Valley; [illegible])
On virgin lands. A. Skurkhin. [illegible] '56.

RECLAMATION OF LAND—BIBLIOGRAPHY see Bibliography—Reclamation of land

RECLAMATION OF OIL see Oil [illegible]

RECLUS, ELISÉE, 1830-1905
Lebedeva, N. A., and N. K. Lebedev. [illegible] Rokillu. Moskva, Gos. izd-vo [illegible] (Zamechatel'nye geografy i [illegible])

RECONSTRUCTION see subdivision under [illegible] Korea

RECORDS, MEDICAL see Medical [illegible]

RECREATIONS see Schools—[illegible] and [illegible]

RED CROSS
(see also subdivision under Air [illegible])
Active Red Cross workers and the [illegible] of cities and villages. A. Nyain. [illegible] no. 3:3 My-Je '56.
"School children at the health station." [illegible] Reviewed by B. S. Zavadskii. Med. [illegible] Je '56.

RED CROSS—CONGRESSES
Third All-Union Congress of the Red [illegible] Sov. kras. krest. 6 no. 3:4-5 My-Je '56.

REDUCTION, CHEMICAL
Kinetics of the reduction of metal [illegible] Sbor. Inst. stali no. 31:6-13 '53.
Reduction of Krainka spring water [illegible] atmosphere. A. N. Buneev, L. F. [illegible] Lab. gidrogeol. probl. 11:121-131 '55.
Stereochemistry and the nascent-hydrogen [illegible] mechanism of multiple-bond compounds. [illegible] duction of tolan by metals in alcoholic and [illegible] E. A. Shilov, S. G. Strel'tsova. Ukr. khim. zhur. 22 no. 3:341-346 '56.

RICKETTSIA PROWAZEKI

Experiments with in vitro cultures of Rickettsia prowazeki. B. E. Aizenman, M. O. Shvaiher. Mikrobiol. zhur. 9 no. 4:38-45 '48.

Possibility of prolonged carrying of Rickettsia prowazekii. M. K. IAtsimirskaia-Krontovskaia and others. Zhur. mikrobiol. epid. i immun. 27 no. 7:33-39 Jl '56.

Survival of Rickettsia prowazeki outside the living body. B. E. Aizenman, M. O. Shvaiher. Mikrobiol. zhur. 9 no. 2/3:98-104 '48.

RIEMANN SURFACES

Particular indexes for the Riemann boundary value problem with a triangular matrix of the second order. G. N. Chebotarev. Usp. mat. nauk 11 no. 3:199-202 My-Je '56.

RIFLE PRACTICE

Shooting at moving targets. V. Bairachnyi. Voen. znan. 31[i. e. 32] no. 5:19 My '56.

RIFLE RANGES

Portable bullet trap. V. Kurtcev. Voen/znan. 31[i. e. 32] no. 5:18 My '56.

Teropov, K. V. [Rifle-ranges] Strelkovye tiry; ustroistvo i oborudovanie strelkovykh tirov dlia strel'by iz malokalibernogo i boevogo oruzhiia. Moskva, Izd-vo DOSAAF, 1956. 126 p.

RIFLES

TÓZ-12 small bore rifle. P. Suranov. Voen. znan. 31[i. e. 32] no. 5:19 My '56.

RIGA—AMATEUR ART ACTIVITIES

Amateur group VEF prepares for the festival. T. Dostupova. Klub 6 no. 6:3 Ag '56.

RIGA—CHILDREN'S CLUBS

Just set your hands to it. Vozhatyi 32 no. 7:48-49 Jl '56.

RIGA—CONCERTS

Riga. Sov. muz. 20 no. 7:112 Jl '56.

RIGA—DISABLED—REHABILITATION, ETC.

Workshop and dispensary for disabled workers. IA. Gaidukovskii. Prom. koop. no. 5:37 My '56.

RIGA—FURNITURE INDUSTRY

Finishing furniture parts by the dipping method. G. V. Berzin'sh, L. T. Maksimova, N. A. Apatskaia. Der. prom. 5 no. 7:25-26 Jl '56.

RIGA—MEAT INSPECTION

Meat inspection station in the central collective-farm market in Riga. V. F. Savenko. Veterinariia 33 no. 8:66-68 Ag '56.

RIGA—TEXTBOOKS

Paid textbook orders. G. Reshanskii. Sov. knizh. torg. no. 7:16 Jl '56.

RIGA—YOUTH

It happened in Riga. IU. Ovsiannikov. IUnost' no. 7:95-97 Jl '56.

RIGAS JURMALA—HISTORY

On the history of the Rigas Jurmala health resort. K. G. Vasil'ev. Vop. kur. fizioter. i fiech. fiz. kul't. 21 no. 1:67-68 Ja-Mr '56.

RIGHT TO LABOR

Dismissal from work in Soviet labor law. I. S. Vol'berg. Uch. zap. Tadzh. un. 3:97-103 '55.

RIMSKII-KORSAKOV, VOIN ANDREEVICH, 1822-1871

Letters about China. V. A. Rimskii-Korsakov. Publication, preface and notes by A. Gozenpud. Novyi mir 32 no. 6:167-178 Je '56.

RIVER—PARASITES see subdivision under Pechora

RIVERS

(see also subdivision under Caucasus, Northern; Yakutia)

Average annual streamflow in connection with changes in the extent of forests. N. I. Kostiukevich. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:109-127 '55.

Underground feeding of rivers. F. A. Makarenko. Trudy Lab. gidrogeol. probl. 1:67-71 '48.

Willows as a means of preventing the shoaling of rivers. I. A. Freiberg. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:178-183 '55.

RIVERS—REGULATION

Calculations for river channels at water intake works. S. T. Altunin, I. A. Buzunov. Gidr. stroi. 25 no. 5:36-41 Je '56.

RIVIERA—DESCRIPTION AND TRAVEL

On vacation. Fernand Leriche. Nov. vrem. 14 no. 33: 20-22 Ag '56.

ROAD CONSTRUCTION

(see also subdivision under Azerbaijan; Kamenets-Podol'ski; Moscow; Soviet Central Asia)

A directive on the evaluation of road work must be worked out. M. A. Golovnia. Avt. dor. 19 no. 6:30-31 Je '56.

Geological services in the road-building industry. M. V. Studenetskii. Avt. dor. 19 no. 6:21 Je '56.

The history of geological research in connection with road building in Russia from 1817 to 1870. B. M. Gumenskii, N. S. Komarov, M. I. Voronin. Trudy Inst. ist. est. i tekh. 7:3-22 '56.

How conditions were created for an increase in labor productivity. P. I. Donchenko, M. N. Ritov. Avt. dor. 19 no. 6:15 Je '56.

Improve laboratory control of road work. S. V. Rybakov. Avt. dor. 19 no. 6:10 Je '56.

Moscow. Gosudarstvennyi vsesoiuznyi dorozhno-issledovatel'skii institut. [The experience of leaders in road building] Opyt peredovikov doroznogo stroitel'stva. Pod red. A. A. Arsen'eva. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry,
No. 1. 1956. 62 p.

Results of a discussion of roadbed construction problems as related to a revision of the Engineering Instructions. Transp. stroi. 6 no. 6:21-24 Je '56.

ROAD CONSTRUCTION—QUALITY CONTROL

Unremitting quality control in all sections of the production process. Avt. dor. 19 no. 6:2-3 Je '56.

ROAD MACHINERY

Device for road oilers to permit oil delivery from the side. E. A. Sulik. Avt. dor. 19 no. 6:28 Je '56.

Efficiency innovator road workers. S. A. Burtsev, A. P. Kalashnikova. Gor. khoz. Mosk. 30 no. 6:32-35 Je '56.

Use of slides during the lesson. G. A. Lesin. Sred. spets. obr. no. 8:25-30 Ag '56.

ROAD MACHINERY—STANDARDS

Standardization, simplification and normalization of building and roadbuilding machinery. N. K. Grechin. Standartizatsiia no. 3:11-18 My-Je '56.

ROAD MATERIALS

Lack of knowledge of materials is the main cause of failures in road construction. S. A. Treskinskii. Avt. dor. 19 no. 6:11-12 Je '56.

ROBBERY

Criminal responsibility for robbery. A. Reitbort. Otv. na vop. trud. no. 67:38-41 '56.

ROBESON, PAUL, 1898-

Interview with Paul Robeson. V zashch. mira no. 60:25-32 My '56.

ROCHELLE SALT—MAGNETIC PROPERTIES

On the upper Curie point for Rochelle salt. M. S. Kosman, A. N. Shevardin. Zhur. tekh. fiz. 26 no. 7:1443-1450 Jl '56.

ROCHESTER, NEW YORK—NUCLEAR REACTIONS—CONGRESSES

At the conference of American physicists. V. I. Veksler. Vest. AN SSSR 26 no. 8:03-65 Ag '56.

Trip of the delegation of scientists of the Academy to the Rochester conference on the high-energy nuclear physics. Vest. AN SSSR 26 no. 8:04 Ag '56.

ROCKETS (AERONAUTICS)

Calculating the most favorable trajectory for the passage of rockets along a given circular trajectory around the earth. V. F. Krotov. [Trudy] MVTU no. 50:313-334 '56.

International Conference on Rocket Engines. L. I. Sedov, K. A. Nikitin. Vest. AN SSSR 26 no. 6:104-106 Je '56.

ROCKS

Rupponeit, K. V. [Mechanical characteristics of rock] Mekhanicheskie svoistva gornykh porod. Moskva, Ugletekhizdat, 1956. 321 p.

Some problems in the engineering geological sampling of rocks. N. V. Kolomenskii. Razved. i okhr. nedr 22 no. 5:43-48 My '56.

ROCKS—MAGNETIC PROPERTIES

(see also subdivision under Armenia)

Investigation of magnetic properties of rocks and geological bodies as a basis for interpreting magnetic anomalies. A. G. Kalashnikov. Trudy Inst. geofiz. AN Gruz. SSR 14:15-36 '56.

ROCKS, IGNEOUS see subdivision under Armenia; Caucasus; Sakhalin

ROCKS, SEDIMENTARY

(see also subdivision under Ukraine)

Application of the microscopic analysis to sedimentary metamorphized rocks. A. M. Ishchenko. Dop. AN URSR no. 4:12-15 '48.

Classification of composite sedimentary rocks. L. B. Rukhin. Vest. Len. un. 11 no. 12:3-19 '56.

Some problems of immersion methods of studying terrigenous sedimentary rock. U. G. Distanov. Zap. Vses. min. ob-va 85 no. 2:235-241 '56.

RODENT CONTROL

Murine rodents, a scourge of Transcarpathian beech forests. P. I. Molotkov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:90-93 '54.

RODENTIA

(see also subdivision under Tajikistan)

Reproduction intensity of birds in relation to the reproduction of rodents. M. A. Bubnov. Zool. zhur. 35 no. 7:1095 Jl '56.

RODENTS AS CARRIERS OF DISEASES

Laboratory diagnosis of leptospirosis and examination of murine rodents as carriers of Leptospira. B. E. Nesgovorov, TS. S. Tatko. Voen.-med. zhur. no. 6:70-73 Je '51.

ROENTGEN RAYS—PHYSIOLOGICAL EFFECT

Comparision of the biological action of roentgen irradiation and that of irradiation with radioactive cobalt. S. N. Aleksandrov, K. F. Galkovskaia, IU. G. Zil'berg. Med. rad. 1 no. 2:80-87 Mr-Ap '56.

Effect of ionizing radiation on immunity to enteric infections. M. A. Tumanian, A. V. Izvekova. Med. rad. 1 no. 1:59-65 Ja-F '56.

ROLLAND, ROMAIN, 1866-1944

Influence of L. N. Tolstoi's creative methods in "War and peace" on Romain Rolland's novel "Jean Christophe." A. V. Chicherin. Dop. ta pov. L'viv. un. no. 4, pt. 1:39-40 '53.

ROLLER BEARINGS

Automatic machines for testing ball and roller races. A. T. Draudin, A. V. Vysotskii. Stan. i instr. 27 no. 8: 1-5 Ag '56.

ROLLING (METALWORK)

(see also subdivision under Magnitogorsk; Pervoural'sk)

Adjustment in cogging mills. B. D. Trakhtman. Metallurg no. 5:32-33 My '56.

The adjustment of wire rolling mill guides. S. N. Filipov, N. I. Beda, G. P. Borisenko. Stal' 16 no. 7:614-619 Jl '56.

Continuous rolling. E. S. Rokotian. Nauka i zhizn' 23 no. 8:12-16 Ag '56.

Effect of the outer parts of the strip on the deformation of metal in rolling. I. M. Pavlov, I. K. Suvorov. Sbor. inst. stali no. 31:177-211 '53.

Filipov, S. N. [Longitudian rolling of shaped steel] Prodol'naia prokatka periodicheskikh profilei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 124 p.

Increasing the productivity of mills by reducing lost time in rolling. A. I. Petrishchev, M. S. Ivanchenko. Metallurg no. 7:28 Jl '56.

Increasing the service of machine parts by strain hardening with rolls. A. I. Barnts. Metallurg no. 7: 30-31 Jl '56.

Increasing the temperature of hot ingot deliveries to the soaking pit is an important potential for an increased blooming mill productivity. B. M. TSirlin, B. L. Shevchenko. Metallurg no. 3:37-39 Mr '56.

Interfactory institute for the study and introduction of progressive work practices for the operation of soaking pits and blooming mills. I. G. Bukhvostov. Metallurg no. 3:34-36 Mr '56.

Let us start to produce economical rolled shapes. B. S. Shapiro. Metallurg no. 1:12-15 Ja '56.

Mastering the production of lightweight I-beams. N. F. Protasov, V. P. Khelbnikov. Metallurg. no. 4:18-21 Ap '56.

Organizing the rolling of tie plates for narrow-gauge tracks. N. G. Nezhdanov, M. L. Mirenskii. Metallurg no. 1:32-33 Ja '56.

Performance of a 750 rolling mill on an hourly schedule. I. I. Turianov. Metallurg no. 1:29-31 Ja '56.

"Pipe rolling and pipe welding." P. T. Emel'ianenko, A. A. Shevchenko, S. I. Borisov. Reviewed by IU. I. Vashchenko. Stal' 16 no. 7:669-670 Jl '56.

Redefining tolerances for steel plates thickness. V. S. Lebedev. Sudostroenie 22 no. 6:5-6 Je '56.

Reducing the percentage of discards is an important potential for an increase in metal production. F. A. Radkevich. Metallurg no. 6:1-3 Je '56.

Resistance to deformation in hot rolling of thin steel strips. V. P. Severdenko, I. G. Astakhov. Sbor. Inst. stali no. 31:212 '53.

Results of the operation of the interfactory school for tube-mill operators. G. N. IUdin, V. A. Goncharenko. Metallurg no. 2:15-17 F '56.

Rolling repeated-pattern shaped steel. S. N. Filipov. Metallurg no. 6:9-11 Je '56.

Scientific and technical conference on the standardization of rolled section profiles. Metallurg no. 2:23-25 F '56.

Ways of reducing labor expenditure in finishing rolled products. I. G. Pashko. Metallurg no. 6:3-4 Je '56.

Ways of reducing rolling costs. P. P. Zuev. Metallurg no. 6:28-30 Je '56.

ROLLING MILLS

(see also subdivision under Australia; Chelyabinsk; Magnitogorsk)

Automatization of rolling mills. A. B. Chelusikin. Metallurg. no. 4:21-24 Ap '56.

Giant controlled by electrons. V. Feigin. Tekh. mol. 23[i. e. 24] no. 7:12-13 Jl '56.

ROLLING MILLS (Continued)

Increasing the productivity of the 330 mill by complete mechanization and the use of an efficient groove design. A. M. Val'tsev, A. K. Knoblokh. Metallurg no. 7:24-27 Jl '56.

Increasing the productivity of the 260 rolling mill by installation of guide rounds. V. M. Ivanov. Metallurg no. 3:18-21 Mr '56.

Methods of cold rolling on a six-roller mill. Metallurg no. 5:36-37 My '56.

Mill for rolling very thin steel strips. A. M. Kogos, A. S. Filatov. Vest. mash. 36 no. 7:28-32 Jl '56.

Russia (1923- U. S. S. R.) Ministerstvo tiazhelogo mashinostroeniia. Tekhnicheskii otdel. [Steel industry equipment; a catalog and reference book] Metallurgicheskoe oborudovanie; katalog-spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Vol. 3. 1947. 299 p. [MICROFILM]

Saf'ian, M.M. [Continuous hot sheet rolling mills] Nepreryvnye listovye stany goriachei prokatki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 239 p.

The use of roll pass boxes. A.S. Shirvanian. Metallurg. no.4:37-38 Ap '56.

Use of roller guide tables in section mills. N. V. Litovchenko. Metallurg no. 2:12-15 F '56.

Using guides for rolling alloy steel. A. P. Chekmarev, S. Z. IUdovich. Stal' 16 no. 7:609-614 Jl '56.

Ways to increase the productivity of blooming mills. L. V. Andreiuk. Metallurg no. 7:21-23 Jl '56.

Work results of the interfactory institute for the study of shaped-steel rolling mills in plants of the Main Administration of Quality Steel and Ferroalloys. B.M. Bystrov. Metallurg, no.4:35-37 Ap '56.

ROLLING MILLS—REPAIRING see subdivision under Magnitogorsk

ROLLS (IRON MILLS)

Effect of surface hardening by heating with commercial frequency currents on the properties of work rolls for cold rolling. V. N. Novikov. Metalloved. i obr. met. no. 6:36-47 Je '56.

How to check working roll surfaces on cold rolling mills. V. G. Belov, M. A. Kopanov. Metallurg no. 6:30-31 Je '56.

Introduction of automatic hard facing of steel rolls. V. K. Petrichenko. Metallurg no. 6:5-9 Je '56.

Rolls for corrugated reinforcement rolling. N. V. Litovchenko. Metallurg no. 5:17-19 My '56.

ROLLS (IRON MILLS)—QUALITY CONTROL

Effect of technological factors on the quality of rolls evaluated by machine-tabulated statistical analysis. N. V. Kandler, M. L. Rabinovich, V. S. Khomenko. Stal' 16 no. 7:634-638 Jl '56.

Improving the quality of cast-iron rolls for shape rolling. T. A. Kal'ianov and others. Stal' 16 no. 7:647-649 Jl '56.

The quality of cast-iron rolls for shape rolling. Stal' 16 no. 7:649-650 Jl '56.

ROLLS (IRON MILLS)—TESTING

Investigation of cast steel rolls. S. I. Stupar', N. V. Kander, T. I. Albul. Stal' 16 no. 7:638-645 Jl '56.

ROME—HISTORY

"From the unity to the division of the Roman Empire, 395-410; study of the imperial government" [in French]. E. Demougeot. Reviewed by I. F. Fikhman. Viz. vrem. 9:286-296 '56.

Mass movements in the eastern Roman provinces during the Danubian wars of the third century (236-278). A. D. Dmitrev. Viz. vrem. 8:97-126 '56.

ROM[illegible]—CONGRESSES

ss on the Tenth International Congress of .N. Melik-Gaikazova. Vop. ist. no. 5:212-

s on the prospects of strengthening internic ties. Vop. ist. no. 5:217-220 My

enth International Congress of Historians, ra. Vop. ist. no. 5:3-16 My '56.

PICTURES—PRODUCTION AND

set. Andrei Novikov. Ogonek 34 6.

ith asbestos-cement tiles. A. Kozlovt. 11 no. 6:20-22 Je '56.

of multispan industrial buildings . S. E. Moldaver. Stroi. pred. neft. prom. g '56.

and roofs awarded with first and second reev. Arkhit. i stroi. Mosk. 5 no. 8:19-

elements for sloping roofs. R. N. ilul. stroi. tekh. 13 no. 6:18-20 Je '56.

Reinforced concrete in large-span roof construction. K. Kariashova. Arkhit. SSSR no. 6:43-47 '56.

Snow loads in the building norms and regulations. I. I. Gol'denblat, B. G. Korenev, A. M. Sizov. Stroi. prom. 34 no. 6:25-27 Je '56.

ROOKS (BIRDS)

Benefit and harm of rooks. A. V. Samorodov. Priroda 45 no. 7:96-97 Jl '56.

ROOTS (BOTANY)

Amino acid content of aerial roots of corn [with English summary in insert]. V. P. Dadykin, Z. S. Igumnova. Fiziol. rast. 3 no. 3:259-262 My-Je '56.

Effect of cations on root absorption of acid pigments and anions of mineral salts. I. I. Kolosov. Trudy Inst. fiziol. rast. 6 no. 1:139-165 '48.

Isolated root cultures in plant physiology. A. M. Smirnov. Fiziol. rast. 3 no. 4:368-380 Jl-Ag '56.

Significance of the correlative influences of roots and leaves in the morphogenesis of plants. R. Dostal'. Fiziol. rast. 3 no. 4:355-367 Jl-Ag '56.

Studying the root system of red clover. A. F. Terekhova. Bot. zhur. 41 no. 4:553-558 Ap '56.

Subtillage as means of deepening the root bed of pine in the afforestation of lower Dnieper sands. P. A. Skripka. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:182-193 '54.

ROPKE, WILHELM, 1899-

Comments on the views of the Swiss economist Wilhelm Röpke. Hannelore Ridell, Rudhard Stollberg. Vop. ekon. no. 8:150-155 Ag '56.

ROSES

(see also subdivision under Crimea)

Importance of young shoots for obtaining high petal yields of oil-bearing rose. P. M. Chikalov. Agrobiologiia no. 3:130-133 My-Je '56.

New species of Juzepczukia from the Rosaceae family. V. G. Khrzhanovs'kii. Dop. AN URSR no. 3:19-26 '48.

Nikolaenko, N.P. [Perennials and roses in city landscaping] Mnogoletniki i rozy v ozelenenii gorodov. Moskva, Ministerstvo kommunal'nogo khoziaistva RSFSR, 1955, 239 p. (DA)

ROSOLIC ACID

Using rosolic agar in mycological research. V. V. Vlodavets. Bot. zhur. 41 no. 4:537-539 Ap '56.

ROSSINI, GROACCHINO ANTONIO, 1792-1868

How to compose an overture. G. Rossini. Sov. muz. 20 no. 3:155-156 Ag '56.

ROSSOSH' DISTRICT—POULTRY

Leading poultry farm. P. Korotkov. Veterinariia 33 no. 7:39-43 Jl '56.

ROSTOV—AERONAUTICAL SOCIETIES

A pilot visits his Aeroclub. M. Lebedinskii. Kryl. rod. 7 no. 7:12-13 Jl '56.

ROSTOV—FLOUR MILLS

Why the Rostov Flour Mill no. 3 is lagging. I. Dmitriev. Muk.-elev. prom. 22 no. 5:22-24 My '56.

ROSTOV-ON-DON—CHESS

Chess in Rostov. A. Bogatin, N. Melikhov. Shakh. v SSSR 33 no. 6:179 Je '56.

ROSTOV-ON-DON—CITY PLANNING

Within the city limits; a publicist's notes. Vladimir Kantorovich. Nash. sovr. 2:171-187 '56.

ROSTOV PROVINCE—COLLECTIVE FARMS

Over the firth. T. Novikova. Krest'ianka 35 no. 7:4-6 Jl '56.

ROSTOV PROVINCE—DAIRY INDUSTRY—FINANCE

Construction and reconstruction of buildings and equipment on bank credit. A. Semashko. Moloch. prom. 17 no. 5:26-28 '56.

ROSTOV PROVINCE—FARM BUILDINGS

Development of construction on collective farms of Rostov Province and Bashkir A.S.S.R. Sel'. stroi. 11 no. 5:2 of cover My '56.

ROSTOV PROVINCE—FLOODS

Not a single human life lost. Sov. Soiuz no. 5:37-39 My '56.

ROSTOV PROVINCE—PARACHUTISTS

Parachutists of Chaltyr village. Kryl. rod. 7 no. 7:5 Jl '56.

ROSTOV PROVINCE—SOCIAL CONDITIONS

In a certain Province. M. Chernikova, I. Chekhov. Klub 6 no. 8:5-11 Ag '56.

ROTATION OF CROPS

(see also subdivision under Chuvashia; Volga Valley; White Russia)

Efficient utilization of sod in grassland crop rotations on turf-Podzolic soils [with German summary in insert] A. A. Ploshkov, V. V. Makarova. Pochvovedenie no. 4: 80-86 Ap '56.

Grass mixtures in forage crop rotations. V. A. Rodionov. Zemledelie 4 no. 7:77-81 Jl '56.

ROTERT, PAVEL PAVLOVICH, 1881-

Outstanding construction engineer; 75th birthday of P. P. Rotert. A. Dmitriev. Arkhit. SSSR no. 6:46 '56.

ROTIFERA

Proales lenta, sp. n. and Pleurotrocha larvarum, sp. n., two new forms of rotifers of the family Notommatidae [with English summary in insert]. B. V. Vlasov. Zool. zhur. 35 no. 5:668-677 My '56.

Quantitative aspect of feeding habits of Rotifera [with English summary in insert]. L. A. Erman. Zool. zhur. 35 no. 7:965-971 Jl '56.

ROUBAUD, FRANZ, 1856-1928

The creator of the Sevastopol' panorama. P. Chichkanov. Ukraina no. 12:17 Je '56.

F. A. Roubaud; on the 100th anniversary of his birth. P. Herasimovich. Belarus' 13 no. 6:19 Je '56.

Master of battle-scene painting. P. Havrila. Sots. kul't. 9 no. 6:43 Je '56.

ROUGET DE LISLE, CLAUDE JOSEPH, 1760-1836

Author of the "Marseillaise." T. Dontupova. Ogonek 34 no. 25:16 Je '56.

ROWING

Pakhomov, P.A., and E.I. Kabanov. [Rowing] Grebli. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 23 p.

ROWING—HISTORY see subdivision under Turin, Italy

RUBBER

Application of radiography for estimating sulfur distribution in rubber mixes. A. S. Novikov, M. V. Koloskova (with English summary in insert). Koll. zhur. 18 no. 3: 321-325 My-Je '56.

External friction of rubbers; concerning the paper of G. M. Bartenev. Koll. zhur. 18, 2, 1956. S. V. Ratner. Koll. zhur. 18 no. 3: 373-376 '56.

Hydrogenation of divinyl-rubber solutions at normal pressure and room temperature. Part 1. Preparation of rubbers of various degrees of hydrogenation and their properties. A. I. IAkubchik, G. N. Gromova. Zhur. ob. khim. 26 no. 5:1381-1390 My '56.

Kinetics of the interaction of rubber with ozone (with English summary in insert). N. N. Znamenskii. Zhur. fiz. khim. 30 no. 6:1092-1099 My '56.

Study of branched chain polymers obtained by the reaction between natural rubber and azodicarboxylates (with English summary in insert). S. S. Ivanov and others. Koll. zhur. 18 no. 3:295-302 My-Je '56.

RUBBER, SYNTHETIC

Electrochemistry of high polymer dispersions. I. The influence of dialysis on the properties of synthetic latexes (with English summary in insert). P. M. Panich, S. S. Voiutskii. Koll. zhur. 18 no. 3:320-331 My-Je '56.

New advances in synthesizing rubber. P. I. IAshunskats. Priroda 45 no. 8:33-40 Ag '56.

Rubber made of petroleum. O. D. Litvin. Nauka i zhizn' 23 no. 6:21-23 Je '56.

RUBBER INDUSTRY

Labutin, A.L. [Corrosion and methods for protecting equipment in the synthetic rubber industry] Korroziia i sposoby zashchity oborudovaniia v promyshlennosti sinteticheskogo kauchuka. Pod red. G.V. Sagalaeva. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1955. 137 p. (Korroziia v khimicheskikh proizvodstvakh i sposoby zashchity, no. 3)

RUBBER PLANTS

Sunflower-Jerusalem artichoke hybrid as a rubber plant. I. I. Marchenko. A. S. Sushkova. Dop. AN URSR no. 4: 16-20 '48.

RUBBER TIRES see Tires, Rubber

RUDANS'KYI, STEPAN, 1833-1873

Good beginning ("Stepan Rudans'kyi; a review of his life and work." I. I. Pil'huk. Reviewed by Mykola Fedorchuk). Vitchyzna 24 no. 7:183-185 Jl '56.

RUDDER see Steering gear

RUHR, GERMANY—STRIKES AND LOCKOUTS—COAL MINES

"Strike of Ruhr miners in 1905" [in German]. Dieter Fricke. Reviewed by B. A. Aizin. Vop. ist. no. 6: 190 Je '56.

RUHR RIVER—FISHING

Measures taken by the Ruhr Industrialists' Union and the Association of Ruhr Hydrodevelopments to maintain the Ruhr River as fishery waters. Ryb. khoz. 32 no. 6:74 Je '56.

RUHR VALLEY—INDUSTRIES

The valley where wars were made. A. Kustov. Ogonek 25 no. 48:12 N '47.

RUMANIA—AGRICULTURE

Achievements of agricultural science in the Rumanian People's Republic. I. Lungu. Kolkh. proizv. 16 no. 7: 44-45 Jl '56.

RUMANIA—AGRICULTURE, COOPERATIVE

From the notebook of a collective farm chairman. Dumitru Mircea. Mosk. kolkh. 5 no. 8:45 Ag '56.

RUMANIA—CITIES AND TOWNS
Lesson in geography. M. Ionescu. Ogonek 34 no. 34:6 Ag '56.

RUMANIA—ECONOMIC CONDITIONS
One month with Rumanian friends. A. Sukharev. Mol. komm. 14 no. 7:115-121 Jl '56.

RUMANIA—ECONOMIC POLICY
Second five-year plan of Rumania. Geog. v shkole 19 no. 3:67 My-Je '56.

RUMANIA—ENSILAGE
Letter from Rumania. Virgil Savin. Zhivotnovodstvo no. 6:93 Je '56.

RUMANIA—FOREIGN RELATIONS—UNITED STATES
Bucharest and Washington. Nov. vrem. 14 no. 31:10 Jl '56.

RUMANIA—MOTION-PICTURE INDUSTRY
Rumanian cinematography. Stefan Ion. Isk. kino no. 6: 96-99 Je '56.

RUMANIA—PIONEERS (COMMUNIST YOUTH)
Letter from Cassandra. Anna Lungu. Sov. zhen. 12 no. 8:34 Ag '56.

RUMANIA—PSYCHOLOGY—PERIODICALS
New magazine of Rumanian psychologists ["Revista de Psihologie," Anul I, N 1-2. Reviewed by M. D. Gromov]. Vop. psikhol. 2 no. 3:91-94 My-Je '56.

RUMANIA—RELATIONS (GENERAL) WITH RUSSIA
Across boundaries. E. Evgen'eva. Pioner no. 8:45-48 Ag '56.
We study the life of our friends. V. Chizhov. Mol. komm. 14 no. 7:70 Jl '56.

RUMANIA—SOIL RESEARCH
Soil research in the Rumanian People's Republic. N. K. Cernescu, C. D. Chiriță. Pochvovedenie no. 5: 107-111 My '56.

RUMEX
Nepoline from Tien Shan dock (Rumex tianschanicus A. Los) and horse dock (Rumex confertus Willd). K. V. Taraskina, T. K. Chumbalov. Vest. AN Kazakh. SSR 12 no. 7:107-111 Jl '56.

RUNNING
(see also subdivision under Australia)
Tambian, N. D. [The marathon race in the light of medical studies] Marafonskii beg v svete vrachebnykh issledovanii. Moskva, Gos. izd-vo med. lit-ry, 1956. 105 p.

RUNOFF
Runoff rate of melt and rain waters. G. P. Kalinin. Meteor. i gidrol. no. 6:22-28 Je '56.

RURAL ELECTRIFICATION—BIBLIOGRAPHY see Bibliography—Rural electrification

RURAL HOUSING see Housing, Rural

RUSH WORK
Make the most use of reed in agricultural construction. D. Sobolev. Sel'khoz. Kirg. no. 4:43-46 Ap '56.

RUSINOVA, NINA PAVLOVNA
Anniversary evening dedicated to N. P. Rusinova. Teatr 17 no. 6:182 Je '56.

RUSSIA
Calendar of events. Obz. vazhn. sob. v SSSR 3 no. 91:33-36 My '56.
Calendar of events. Obz. vazhn. sob. v SSSR 3 no. 94:41-46 Je '56.
News from the republics; newspaper items. Druzh. nar. no. 8:130-134 Ag '56.

RUSSIA—AIR FORCE
Air Force Day. Grazhd. av. 13 no. 6:1-2 Je '56.
Air Force Day. Kryl. rod. 7 no. 6:1 Je '56.
Air Force Day. Sov. Soiuz no. 7:37 Jl '56.
Great Aviation Day. E. Riabchikov. Ogonek 34 no. 27:1-4 Jl '56.
Soviet aviation festival; a report. Nov. vrem. 14 no. 27: 15-16 Je '56.

RUSSIA—AIR FORCE—HISTORY
Magid, A. S. [The Taman Guard Air Group] Gvardeiskii Tamanskii aviatsionnyi polk. Izd. 2-oe, dop. i perer. Moskva, Izd-vo DOSAAF, 1956. 270 p.

RUSSIA—ANTIQUITIES
Field operations of Soviet archaeologists during 1955. G. B. Fedorov. Vest. AN SSSR 26 no. 7:32-39 Jl '56.

RUSSIA—ARMED FORCES
Concern of the motherland for its soldiers. IU. Simzen. Voen. znan. 31[i. e. 32] no. 5:11-12 My '56.

RUSSIA—ARMED FORCES—DRILL AND TACTICS
Winter training. Sov. mor. 16 no. 3:16-19 F '56.

RUSSIA—ARMED FORCES—HISTORY
V. I. Lenin and the Soviet armed forces. E. Boltin. Znamia 26 no. 6:137-150 Ag '56.

RUSSIA—ARMED FORCES—MEDICAL INSPECTION
Improve medical inspection of the physical fitness of troops. Voen.-med. zhur. no. 6:3-7 Je '51.

RUSSIA—ARMY
Heroic relay race. V. Ponomarev. Ogonek 34 no. 37: 4 S '56.
Tanker's Day. V. Orlovskii. Blok. agit. no. 24:10-17 Ag '56.

RUSSIA—ARMY—DEMOBILIZATION
Meet demobilized soldiers with consideration. Part. zhizn' no. 12: 35-37 Je '56.
The new reduction in Soviet armed forces. N. IA. Galai. Obz. vazhn. sob. v SSSR 3 no. 94:9-16 Je '56.
One million and two hundred thousand men. Sov. Soiuz no. 7:38 Jl '56.

RUSSIA—ARMY—HISTORY
Soviet armed forces are on guard over the state interests of the socialist fatherland. V. R. Mzhavanadze. Visnyk AN URSR 21 no. 2:10-24 F '49.

RUSSIA—ARMY—INFANTRY
Russian infantry. I. Tiulenev. Voen. znan. 31[i. e. 32] no. 5:8-9 My '56.

RUSSIA—ARMY—TRANSPORTATION OF SICK AND WOUNDED
Evacuation of the wounded from military zones by means of pontoons. I. I. Lapaev. Voen.-med. zhur. no. 3:62-63 Mr '56.
Method of evacuating the wounded across water barriers. A. V. Agafonov. Voen.-med. zhur. no. 3:59-62 Mr '56.
Organization of separate transportation for wounded in forcing a river line. G. F. Shevchenko. Voen.-med. zhur. no. 9:38-40 S '55.
Pulley block for dragging wounded. M. G. Khait, G. I. Luchkin. Voen.-med. zhur. no. 9:40-41 S '55.

RUSSIA—CLIMATE
August. V. I. Dolgoshov. Priroda 45 no. 8:124 Ag '56.

RUSSIA—COMMERCE
Fekiner, M. V. [Trade of the Russian state with countries of the East in the 16th century] Torgovlia Russkogo gosudarstva so stranami Vostoka v XVI veke. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 120 p. (Moscow, Gosudarstvennyi istoricheskii muzei. Trudy, no. 31)
Improving the state apparatus of trade administration. M. A. Fialkov. Sov. gos. i pravo no. 5:23-31 '56.
Quoting the bible. Nov. vrem. 14 no. 26:19 Je '56.
Soviet trade with the West. M. Nesterov. Nov. vrem. 14 no. 27:3-4 Je '56.

RUSSIA—COMMERCE—DENMARK
Soviet-Danish trade relations [with summary in English, p. 31]. V. Mikhailov. Vnesh. torg. 26 no. 7:1-2 Jl '56.

RUSSIA—COMMERCE—FINLAND
Soviet-Finnish economic relations. B. Fedorov. Nov. vrem. 14 no. 33:11-14 Ag '56.

RUSSIA—COMMERCE—INDIA
India - U. S. S. R. A. Savel'ev. Sov. Soiuz no. 7:25 Jl '56.

RUSSIA—COMMERCE—STATISTICS
"The statistics of Soviet trade." N. P. Titel'baum. Vest. stat. no. 2:85-89 Mr-Ap '56.

RUSSIA—COMMERCE—YUGOSLAVIA
Soviet-Yugoslav economic cooperation. V. Vatnsov. Mezhdunar. zhizn' no. 6:23-30 Je '56.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION
Russia (1923- U. S. S. R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics. Constitutions (fundamental laws) of the Union Republics] Konstitutsiia (osnovnoi zakon) SSSR. Konstitutsii (osnovnye zakony) Soiuznykh Sovetskikh Sotsialisticheskikh Respublik. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 490 p.

RUSSIA—CULTURE
Russian culture in the first half of the 19th century. I. P. Popov. Prep. ist. v shkole 11 no. 4:51-64 Jl-Ag '56.

RUSSIA—DESCRIPTION AND TRAVEL
Historical tour of old cities in northeastern Russia. G. I. Goder. Prep. ist. v shkole 11 no. 3:83-94 My-Je '56.
Miss Williams' opinion. Nov. vrem. 14 no. 27:31 Je '56.
Through the eyes of an American farmer (to be concluded). John Jacobs. Ogonek 34 no. 34:17-19 Ag '56.

RUSSIA—ECONOMIC CONDITIONS
Alekseev, A. M. [The pricipal economic problem of the U. S. S. R. and ways of solving it] Osnovnaia ekonomicheskaia zadacha SSSR i puti ee reshentia. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 35)
Aspects of labor in the statistics collection "National economy of the U. S. S. R." A. Aganbegian, S. Figurnov. Sots. trud no. 7:115-122 Jl '56.
Basis of the economic power of the U. S. S. R. V. Khil'ko. Sots. kul't. 9 no. 6:3-5 Je '56.
"Economic crises in Russia." A. F. IAkovlev. Reviewed by I. F. Rybakov. Vest. Len. un. 11 no. 11: 129-132 '56.
Forty-year study by the Academy of Sciences on the productive forces of the country. V. V. Obruchev. Vest. AN SSSR 26 no. 7:24-31 Jl '56.
Great holiday of the Soviet people. Blok. agit. vod. transp. no. 18:1-22 S '56.
Interview with Lord Chorley. Nov. vrem. 14 no. 32:15-16 Ag '56.
Lenin's immortal image lives in millions of hearts. M. Rossovskii. Blok. agit. no. 10:1-10 Ap '54.
Let's fulfill the five-year plan in four years. Ogonek 25 no. 48:10 N '47.
Liashchenko, P. I. [History of the national economy of the U. S. S. R.] Istoriia narodnogo khoziaistva SSSR. Izd. 4-oe. Moskva, Gospolitizdat.
Vol. 2, 1956.
(MH)
Maevskii, I. V. [The economic foundation of the U. S. S. R.] Ekonomicheskaia osnova SSSR. [Moskva] Moskovskii rabochii, 1956. 99 p.
"National economy of the U. S. S. R."; a collection of statistics. Reviewed by V. I. Popov. Sovkhoz. proizv. no. 7:76-78 Jl '56.
Patriotic uplift. Sov. mor. 16 no. 3:4-5 F '56.
The people are creative and victorious. Voen. znan. 31[i. e. 32] no. 5:1 My '56.
Photographic exhibition "Economy of Bryansk Province in the sixth five-year plan." L. Vasiukova. Kul't.-pros. rab. 17 no. 7:29-30 Jl '56.
The 35th anniversary of the Great October Socialist Revolution; comrade M. G. Pervukhin's report on November 6, 1952 at a solemn meeting of the Moscow soviet. Visnyk AN URSR 24 no. 11:3-16 N '52.
Thirty-ninth anniversary of the Great October Socialist Revolution. M. Dvoinishnikov. Blok. agit. no. 29:1-24 O '56.
Wisdom, honor and conscience of our era. V. Kosolapov. Sov. mor. 16 no. 3:2 F '56.
Year of birth, 1947. Ogonek 25 no. 52:5-8 D '47.

RUSSIA—ECONOMIC CONDITIONS—HISTORY
"Outline of Soviet economics, 1917-1920." I. A. Gladkov. Reviewed by E. A. Lutskii. Vop. ist. no. 6:160-164 Je '56.
"The serf economy at the beginning of the 19th century." E. I. Indova. Reviewed by I. A. Bulygin. Vop. ist. no. 6:170-172 Je '56.

RUSSIA—ECONOMIC CONDITIONS—STATISTICS
Facts and figures. Znamia 26 no. 7:145-149 Jl '56.
New manuscripts by Marx on Russia. L. Kashkarova. Vest. stat. no. 2:56-65 Mr-Ap '56.

RUSSIA—ECONOMIC POLICY
According to the sixth five-year plan. Sots. Uz. 15 no. 6:2-3 Je '56.
Basic economic tasks of the U. S. S. R. A. Alekseev, O. Bogomolov. Vop. ekon. no. 7:3-13 Jl '56.
Dissemination of great party plans. V. Tishchenko. Sots. kul't. 9 no. 6:9-11 Je '56.
Distribution of productive forces of the U. S. S. R. in the sixth five-year plan. V. F. Vasiutin. Nauka i zhizn' 23 no. 6:1-4 Je '56.
Economic problems of socialism in the U. S. S. R. I. Stalin. Visnyk AN URSR 24 no. 10:6-52 O '52.
Explanation of topics related to the sixth five-year plan in class instruction. F. V. Prigorovskii. Fiz. v shkole 16 no. 4:30-38 Jl-Ag '56.
Extension of socialist reproduction of the means of production in the sixth five-year plan. I. D. Tikhomirov. Vest. Len. un. 11 no. 11:3-10 '56.
Great movement to the East; materials on the discussion with professor V. F. Vasiutin. Vokrug sveta. no. 6: 1-4 Je '56.
Great problem of the development of communism. Visnyk AN URSR 24 no. 10:53-57 O '52.
Gurovich, S. G. [State planning of industrial production] Gosudarstvennoe planirovanie promyshlennogo proizvodstva. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 34)
Historical congress. Vest. stat. no. 2:3-13 Mr-Ap '56.
Mel'nikov, D. E. [The sixth five-year plan is a five-year plan of peace] Shestaia piatiletka - piatiletka mira. Moskva, Gos. izd-vo polit. lit-ry, 1956. 55 p.

RUSSIA—ECONOMIC POLICY (Continued)

The policy of the Communist Party is the policy of building communism. I. Petrov. Mol. komm. 14 no. 7:8-18 Jl '56.

Role of republic organs in the direction of the economy. D. Degtiar', Part. zhizn' no. 12:9-15 Je '56.

The victory of the Soviet people strengthens peace. Nar. Kit. no. 9/10:3 My '51.

RUSSIA—EXECUTIVE DEPARTMENTS

Improving the state apparatus of trade administration. M. A. Fialkov. Sov. gos. i pravo no. 5:23-31 '56.

RUSSIA—FOREIGN ECONOMIC RELATIONS

The development of the Soviet Union's economic relations. Mezhdunar. zhizn' no. 7:134-136 Jl '56.

Economic collaboration among the countries of the socialist system. N. Klymko. Kom. Ukr. 31 no. 6: 40-48 Je '56.

Help of the U. S. S. R. to underdeveloped countries. M. Fazylov. Komm. Kazakh. 26 no. 8:14-18 Ag '56.

RUSSIA—FOREIGN RELATIONS

Events of great historical significance. Voen.-med. zhur. no. 9:3-6 S '55.

Grigor'ev, L., and S. Olenev. [The struggle of the U. S. S. R. for peace and security in Europe; 1925-1933] Bor'ba SSSR za mir i bezopasnost' v Evrope; 1925-1933gg. Moskva, Gos. izd-vo polit. lit-ry, 1956. 158 p.

If there were such a law. I. Ermashev. Nov. vrem. 14 no. 28:7-11 Jl '56.

Leont'ev, B. L. [The foreign policy of the Soviet government is a policy of peace] Vneshniaia politika Sovetskogo gosudarstva - politika mira. Izd. 2-oe, perer. Moskva, Gos. izd-vo polit. lit-ry, 1956. 83 p. (Populiarnaia bibliotechka po marksizmu-leninizmu)

Main feature of our epoch. P. Riabchun. Mol. komm. 14 no. 7:19-27 Jl '56.

Peaceful coexistence of socialist and capitalist systems. V. Oratovs'kyi. Kom. Ukr. 32 no. 8:60-69 Ag '56.

Peaceful coexistence of two systems and a change to avoid wars in our time. E. Pozdniak. Komm. Bel. 28 no. 7:52-61 Jl '56.

The Soviet Union in the struggle for strengthening peace and international security (1953-February, 1956). I. F. Ivashin. Prep. ist. v shkole 11 no. 3:12-27 My-Je '56.

TSarist foreign policy in the second half of the 18th century. A. V. Fadeev. Prep. ist. v shkole 11 no. 3:36-44 My-Je '56.

We can be good neighbors. IU. Popov. Krest'ianka 35 no. 7:2-3 Jl '56.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

An example of good-neighbor policy and friendly cooperation [with English summary in insert]. R. T. Akhramovich, I. F. Belov. Sov. vostokoved. no. 2: 45-55 '56.

RUSSIA—FOREIGN RELATIONS—AFRICA

Ideas of internationalism and the national liberation movement. Sovremennik. Nov. vrem. 14 no. 30:3-7 Jl '56.

RUSSIA—FOREIGN RELATIONS—ASIA

Ideas of internationalism and the national liberation movement. Sovremennik. Nov. vrem. 14 no. 30:3-7 Jl '56.

Visiting Asiatic countries. Sov. Soiuz no. 5:4 My '56.

RUSSIA—FOREIGN RELATIONS—BYZANTINE EMPIRE

The problem of Russian-Byzantine relations in prerevolutionary, foreign, and Soviet historiography. M. V. Levchenko. Viz. vrem. 8:7-25 '56.

RUSSIA—FOREIGN RELATIONS—CAMBODIA

Cambodia and the U. S. S. R. Nov. vrem. 14 no. 28:16 Jl '56.

Cambodian statesmen on Soviet land. Ogonek 34 no. 28: 3 Jl '56.

Interview with Prince Norodom Sihanouk. Nov. vrem. 14 no. 29:9-10 Jl '56.

Joint communiqué on negotiations between representatives of the U. S. S. R. government and Prince Norodom Sihanouk. Nov. vrem. 14 no. 29:insert:2 Jl '56.

RUSSIA—FOREIGN RELATIONS—CHINA

From the history of Russian-Chinese relations in the first half of the 18th century. E. V. Bunakov. Sov. vostokoved. no. 2:96-104 '56.

RUSSIA—FOREIGN RELATIONS—EGYPT

The Soviet Union and Egypt. F. Mulukov. Mezhdunar. zhizn' no. 8:40-48 Ag '56.

RUSSIA—FOREIGN RELATIONS—FINLAND

Our Finnish neighbor. Nov. vrem. 14 no. 34:1-2 Ag '56.

Pattern for peaceful coexistence. Goran von Bonsdorff. Nov. vrem. 14 no. 35:8-11 Ag '56.

A worthy reply. Nov. vrem. 14 no. 28:18-19 Jl '56.

RUSSIA—FOREIGN RELATIONS—FRANCE

Important contribution to the peaceful coexistence of peoples. Mezhdunar. zhizn' no. 6:10-14 Je '56.

A visit which strengthens a traditional friendship. Sov. Soiuz no. 6:1 Je '56.

RUSSIA—FOREIGN RELATIONS—GERMANY, EAST

Full agreement on principles. Ogonek 34 no. 30:2 Jl '56.

Statement on the results of negotiations between the Soviet Union and the German Democratic Republic. Nov. vrem. 14 no. 30:supplement Jl '56.

RUSSIA—FOREIGN RELATIONS—GERMANY, WEST

Nonsense. Nov. vrem. 14 no. 33:18 Ag '56.

RUSSIA—FOREIGN RELATIONS—GREAT BRITAIN

Friendship mission. Sov. Soiuz no. 5:2-3 My '56.

Let's be friends. Julius Silverman. Mezhdunar. zhizn' no. 6:50-54 Je '56.

An outstanding contribution to the cause of peace; the historical visit of N. A. Bulganin and N. S. Khrushchev to England. Sots. Uz. 15 no. 6:4-5 Je '56.

RUSSIA—FOREIGN RELATIONS—GREECE

The prospects of improving Greco-Soviet relations. Mezhdunar. zhizn' no. 8:124-125 Ag '56.

RUSSIA—FOREIGN RELATIONS—IRAN

Extending cooperation and good-neighbor relations. Mezhdunar. zhizn' no. 7:9-13 Jl '56.

In a cordial and friendly atmosphere. IU. Semenov, A. Gostev. Ogonek 34 no. 28:3 Jl '56.

The Iranian Shah came to the U. S. S. R. Ogonek 34 no. 27:4-5 Jl '56.

Untapped potentialities. M. S. Ivanov. Nov. vrem. 14 no. 30:10-12 Jl '56.

RUSSIA—FOREIGN RELATIONS—JAPAN

Mr. Shigemitsu's arrival. Sovremennik. Nov. vrem. 14 no. 32:3-5 Ag '56.

RUSSIA—FOREIGN RELATIONS—KOREA, NORTH

Joint Soviet-Korean communiqué. Nov. vrem. 14 no. 30:supplement Jl '56.

RUSSIA—FOREIGN RELATIONS—NEAR EAST

A goodwill mission. Nov. vrem. 14 no. 28:1-2 Jl '56.

The Soviet Union and the Near East. Kommentator. Mezhdunar. zhizn' no. 7:25-32 Jl '56.

RUSSIA—FOREIGN RELATIONS—POLAND

Day of Poland's rebirth. Sov. Soiuz no. 8:4 Ag '56.

RUSSIA—FOREIGN RELATIONS—TREATIES

Russia (1923- U. S. S. R.) Treaties, etc. [Collection of active treaties, agreements, and conventions concluded by the U. S. S. R. with foreign countries] Sbornik deistvuiushchikh dogovorov, soglashenii i konventsii, zakliuchennykh SSSR s inostrannymi gosudarstvami. Moskva, Gos. izd-vo polit. lit-ry.

No. 12. [Active treaties, agreements, and conventions which became effective between September 3, 1945 and December 31, 1946] Deistvuiushchie dogovory, soglasheniia i konventsii, vstupivshie v silu mezhdu 3 sentiabria 1945 goda i 31 dekabria 1946 goda. 1956. 198 p.

RUSSIA—FOREIGN RELATIONS—YEMEN

Crown Prince of Yemen in Moscow. Ogonek 34 no. 25: 5 Je '56.

Soviet-Yemen communiqué. Nov. vrem. 14 no. 27:insert Je '56.

Soviet-Yemen friendship. Mezhdunar. zhizn' no. 7:126-127 Jl '56.

RUSSIA—FOREIGN RELATIONS—YUGOSLAVIA

Fraternal friendship between the peoples of the Soviet Union and Yugoslavia. Mezhdunar. zhizn' no. 6:3-9 Je '56.

Friendship and cooperation between the peoples of the Soviet Union and Yugoslavia. Slaviane no. 7:3-7 Jl '56.

Friendship and fraternity between the peoples of the Soviet Union and Yugoslavia. Rad. zhin. 11 no. 7: 2-3 Jl '56.

Friendship forever. Ogonek 34 no. 26:1-4 Je '56.

Friendship forever. Zmina no. 7:1-2 Jl '56.

Guests from a fraternal country. Ogonek 34 no. 25: 2-3 Je '56.

In the interests of peace and socialism. Nov. vrem. 14 no. 26:1-2 Je '56.

A new stage in the development of relations between the Federal People's Republic of Yugoslavia and the Soviet Union. V. Bakarich. Mezhdunar. zhizn' no. 6:15-22 Je '56.

Our fortunes are inseparable. Ogonek 34 no. 24:1 Je '56.

Results of the Soviet-Yugoslav talks. Nov. vrem. 14 no. 26:insert Je '56.

Soviet-Yugoslav friendship lives and grows strong. Sov. Soiuz no. 8:37 Ag '56.

The triumph of the idea of peace and friendship. Mezhdunar. zhizn' no. 7:3-6 Jl '56.

U. S. S. R. visit of the President of the Federal People's Republic of Yugoslavia, Iosip Broz Tito. Sov. Soiuz no. 7:1 Jl '56.

U. S. S. R. visit of the President of the Federal People's Republic of Yugoslavia, Marshall Iosip Broz Tito. Sov. Soiuz no. 6:3 Je '56.

RUSSIA—GERMAN OCCUPATION, 1941-1944

Heart-to-heart talk. A. F. Fedorov. As told to Evg. Bosniatskii. Ogonek 25 no. 52:17-19 D '47.

RUSSIA—HISTORY

Dividing the history of Soviet society into periods. Vop. ist. no. 6:58-62 Je '56.

The history of populism. P. S. Tkachenko. Vop. ist. no. 5: no. 5:34-45 My '56.

History of the U. S. S. R. in works of some universities and pedagogical institutes of the R. S. F. S. R. I. V. Bestuzhev, A. A. Voronetskaia, A. A. Preobrazhenskii. Vop. ist. no. 6:143-150 Je '56.

"Journeys of Russian emissaries during the 16th-17th centuries." Reviewed by I. P. Shaskol'skii. Izv. Vses. geog. ob-va 88 no. 3:305-307 My-Je '56.

"Outline history of the U. S. S. R.;" period of feudalism from the end of the 15th century to the beginning of the 17th century." Reviewed by A. V. Malkov. Prep. ist. v shkole 11 no. 4:113-119 Jl-Ag '56.

Rybakov, B. A. [The culture of old Rus'] Kul'tura drevnei Rusi. Moskva, Izd-vo "Znanie," 1956. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 1, no. 21)

To the issue of a new, revised edition of a textbook on the history of the U. S. S. R. for class 10. A. S. Kara-Murza. Prep. ist. v shkole 11 no. 4:84-87 Jl-Ag '56.

Was tsarist Russia a semi-colony? B. B. Grave. Vop. ist. no. 6:63-74 Je '56.

RUSSIA—HISTORY—STUDY AND TEACHING

Class 8 study of peasant uprisings in 17th century Russia. S. V. Ikov. Prep. ist. v shkole 11 no. 3:72-83 My-Je '56.

Completion of the unification of the Russian lands into one state with its center in Moscow. P. V. Gora. Prep. ist. v shkole 11 no. 4:30-50 Jl-Ag '56.

Some aspects in teaching Russian history in class 10 during the first quarter of the 1956-1957 academic year. A. T. Kinkul'kin, P. S. Leibengrub. Prep. ist. v. shkole 11 no. 4:12-20 Jl-Ag '56.

"Study of the history of the U. S. S. R. in class 10. Russia in the period of imperialism," Part I. M. S. Vasil'eva, A. T. Kinkul'kin, P. S. Leibengrub. Reviewed by N. I. Apparovich, B. I. Krasnobaev, and A. Druzhkova. Prep. ist. v shkole 11 no. 3:107-112 My-Je '56.

RUSSIA—INDUSTRIES

Bagreev, E. IA. [On the paths of technical progress] Na putiakh tekhnicheskogo progressa. [Sverdlovsk] Sverdlovskoe kn-vo, 1956. 95 p. (Sverdlovskaia oblast' v shestoi piatiletke)

Industrial production planning and material stimuli for its development. E. Liberman. Kommunist 33 no. 10: 75-92 Jl '56.

Influence of the law of value on production under socialism. O. A. Eliseeva. Vest. Len. un. 11 no. 11: 20-29 '56.

The process of concentrating production and forming combines in industry. N. Nekrasov. Vop. ekon. no. 8: 3-24 Ag '56.

Study of industrial communications in an economic geography course. I. I. Samoilov. Geog. v shkole 19 no. 3:29-33 My-Je '56.

Supovitskii, S. A. [Heavy industry is the foundation of the national economy of the U. S. S. R.] Tiazhelaia promyshlennost' - osnova razvitiia narodnogo khoziaistva SSSR, Moskva, Gos. izd-vo kul'turno-prosvetitel'not lit-ry, 1955. 34 p. (Bibliotechka v pomoshch' lektoru, no. 20)

RUSSIA—INDUSTRIES—HISTORY

Polianskii, F. IA. [The economic structure of manufacturing in Russia during the 18th century] Ekonomicheskii stroi manufactury v Rossii XVIII veka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 450 p.

RUSSIA—LITERATURES

Coordination of the scholarly activity of the branches and institutes of the Academy of Sciences of the U.S.S.R. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:266-280 My-Je '56.

Vital problems. Georgii Lomidze. Druzh. nar. no. 7: 173-182 Jl '56.

RUSSIA—MANUFACTURES—HISTORY

Economic system of manufactory in Russia in the 18th century. F. IA. Polianskii. Vop. ist. no. 6:74-87 Je '56.

RUSSIA—MEDICINE, NAVAL—HISTORY

"Materials on the organization of medical services in the Russian navy in the first quarter of the 18th century." Reviewed by B. D. Petrov. Sov. zdrav. 15 no. 4:60-61 Jl-Ag '56.

RUSSIA—MILITARY HISTORY

Military calendar. Voen. znan. 31[i. e. 32] no. 5:32 My '56.

RUSSIA—MOSAICS

Chapter 8 in "Materials and technique of mosaic painting" by A. V. Vinner. V. I. Levitskaia. Viz. vrem. 9:259-264 '56.

RUSSIA—NAVY
Antiaircraft gunners. A. Syropiatov. Sov. mor. no. 5:13 Mr '56.
Difficult navigation; a report. M. Khametov. Sov. mor. 16 no. 3:12 Ap '56.
Friendship. Ogonek 34 no. 31:4-5 Jl '56.
Great program. Sov. mor. 16 no. 5:4-5 Mr '56.
Helmsmen will be outstanding. N. Lichak. Sov. mor. 16 no. 3:6 F '56.
Independent watch. K. Golovanov. Sov. mor. no. 5:6 Mr '56.
Patriotic uplift. Sov. mor. 16 no. 3:4-5 F '56.
Rapidly and with skill. Sov. mor. 16 no. 8:10-11 Ap '56.
Sevastopol'-Split. A. Bozhenko. Slaviane no. 8:44-48 Ag '56.
Ship electricians. S. Aleksandrov. Sov. mor. no. 5:7 Mr '56.
Soviet Navy Day; photos. Ukraina no. 14:1 Jl '56.
Story about radio operators ("At a naval post." S. Zarubin. Reviewed by A. Tuntiskii). Sov. mor. no. 5:21 Mr '56.
Visit by Soviet seamen. Ogonek 34 no. 26:26-27 Je '56.
The word of a sailor is firm. N. Uralov. Sov. mor. 16 no. 3:0 F '56.

RUSSIA—NAVY—HISTORY
"Sailors during the first Russian revolution of 1905-1907." Reviewed by G. M. Derenkovskii. Vop. ist. no. 5:169-176 My '56.

RUSSIA—NAVY—SIGNALING
Mingkov, P. S. [Signalman] Signal'shchik. Moskva, Izd-vo DOSAAF, 1956. 61 p.

RUSSIA—POLITICS AND GOVERNMENT
At the Session of the Supreme Soviet of the U. S. S. R. Sov. zhen. 12 no. 8:35 Ag '56.
Concern for the public welfare. Slaviane no. 8:3-5 Ag '56.
Fifth session of the Supreme Soviet of the U. S. S. R. Sov. Soiuz no. 8:1 Ag '56.
The fifth session of the Supreme Soviet of the U. S. S. R. Ukraina no. 15:1 Ag '56.
The fortuneteller on the escalator. Nov. vrem. 14 no. 28:19-20 Jl '56.
[Gazette of the Supreme Soviet of the U. S. S. R.] Vedomosti Verkhovnogo Soveta SSSR 19 no. 22 N '56.
Hertsen, A. I. [Collected works; in 30 volumes] Sobranie sochinenii; v tridtsati tomakh. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 7. [The development of revolutionary ideas in Russia. Works produced in 1851-1852] O razvitii revoliutsionnykh idei v Rossii. Proizvedenila 1851-1852 godov. 1956. 466 p. [In Russian and French.]
Socialism and peace are invincible. Nov. vrem. 14 no. 29:1-3 Jl '56.
Some problems in the history of the Senate during the reign of Peter I. B. A. Kozachkovskii. Doki. AN Tadzh. SSR no. 3:15-19 '52.
Thirty-ninth anniversary of the Great October Socialist Revolution. M. Dvoinishnikov. Blok. agit. no. 29:1-24 O '56.
Under the great banner of Lenin and Stalin to the victory of communism; P. N. Pospelov's speech at the solemn meeting on the occasion of the 25th anniversary of V. I. Lenin's death. Visnyk AN URSR 21 no. 1:3-14 Ja '49.
Very important current events. Obz. vazhn. sob. v SSSR 3 no. 94:35-40 Je '56.

RUSSIA—RELATIONS (GENERAL) WITH AFRICA
Guests from Africa. Liudmila Pavlova. Sov. zhen. 12 no. 8:5-9 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH BELGIUM
We visited friendly Belgium. O. Kuusinen. Nov. vrem. 14 no. 27:19-22 Je '56.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA
Cooperation between Bulgarian and Soviet linguists. Stoiko Stoikov. Slaviane no. 7:26 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH CHINA
Friendship. N. Lagunova. Smena 33 no. 14:24 Jl '56.
Friendship. Ogonek 34 no. 31:4-5 Jl '56.
Unforgettable five days. Wu Ping-chen, Ting Fu-hai. Nar. Kit. no. 14:28-30 Jl '56.
With Chinese journalists in the U. S. S. R. N. Vorob'ev. Sov. pech. no. 7:49-52 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA
Guests from Czechoslovakia. Raspr. pech. no. 7:3 Jl '56.
Meeting of friends. V. Gol'tsov. Grazhd. av. 13 no. 6:30 Je '56.
Meetings and impressions. L. Kirillova. Slaviane no. 7:46-49 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH EGYPT
"I love you"! Sov. Soiuz no. 8:20-21 Je '56.
I open my diary. Galina Korshunova. Sov. zhen. 12 no. 10:41 O '56.

RUSSIA—RELATIONS (GENERAL) WITH EUROPE, WESTERN
Central Europe in the summer of 1956. L. Bezymenskii. Nov. vrem. 14 no. 33:22-25 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH FINLAND
Letters from Finland. N. Dedkov. Zvezda no. 7:151-163 Jl '56.
Passengers of the peace train. K. Nepomniashchii. Ogonek 34 no. 28:6 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Brief interviews. Sov. Soiuz no. 4:39 Ap '56.
Encounters. Tat'iana Tess. Sov. zhen. 12 no. 10:16-17 O '56.
Foreign visitors. Sots. obesp. 17 no. 7:62 Jl '56.
Foreign visitors in Leningrad. V. Azarov. Neva no. 8:189-190 Ag '56.
Motion pictures of two countries. I. Vershinina. Ogonek 34 no. 37:19 S '56.
Musical evening of friendship. A. Beliaeva. Klub 6 no. 8:4 Ag '56.
On the diesel-powered ship "Victory." V. Zhegis. Sov. pech. no. 7:28-29 Jl '56.
Our interviews. Sov. Soiuz no. 6:40 Je '56.
Our interviews. Sov. Soiuz no. 7:39 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE
Know each other better. P. Efimov. Sov. pech. no. 8:44-49 Je '56.

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN
Guests from England. G. Varnum and others. Sov. Soiuz no. 6:37 Je '56.
Interview with Lord Cherley. Nov. vrem. 14 no. 32:15-16 Ag '56.
Meetings with English journalists. Vl. Rogov. Sov. pech. no. 6:50-53 Je '56.
Mission of good will; visit of N. A. Bulganin and N. S. Khrushchev to England. Zmina no. 5:3 My '56.
Sources of Anglo-Russian scientific relations. M. I. Radovskii. Ist. arkh. no. 3:139-155 My-Je '56.
Visit of the delegation of the Royal Society of Great Britain to the Soviet Union. Vest. AN SSSR 26 no. 8:79-80 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH INDIA
Dulal Chakraborti's correspondence. Sov. Soiuz no. 6:28 Je '56.
From the Ganges to the Volga. A. Gupta. Sov. pech. no. 6:46-49 Ag '56.
Old bonds. B. Kurylenka. Belarus' 13 no. 7:13 Jl '56.
U. S. S. R. - India. M. Khodakovskii. Vozhatyi 32 no. 7:40 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH INDONESIA
President of Indonesia, Sukarno, in the U. S. S. R. Ogonek 34 no. 37:2-3 S '56.

RUSSIA—RELATIONS (GENERAL) WITH JAPAN
First contacts. A. Filippov. Sov. pech. no. 7:52-54 Jl '56.
Letter from Japan. Ivao Nakadzima. Ogonek 34 no. 34:30 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH LUXEMBURG
Five days in Luxemburg. Ilustas Paletskis. Nov. vrem. 14 no. 31:12-13 Jl '56.
Honorary medals of the city of Luxemburg. Ogonek 34 no. 37:4 S '56.

RUSSIA—RELATIONS (GENERAL) WITH NETHERLANDS
Dutch squadron in Leningrad. K. Cherevkov. Ogonek 34 no. 31:8 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH NORWAY
Thirty-two years later. K. Cherevkov. Ogonek 34 no. 34:5 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH RUMANIA
Across boundaries. E. Evgen'eva. Pioner no. 8:45-48 Ag '56.
We study the life of our friends. V. Chizhov. Mol. komm. 14 no. 7:70 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH SWEDEN
Our interview. Sots. obesp. 17 no. 7:61 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH UNITED STATES
From the editor's mail; news from Oklahoma. Nov. vrem. 14 no. 31:27-28 Jl '56.
Interview with Engineer Morgan. Sov. Soiuz no. 8:40 Ag '56.
Mr. Kluckhohn's jokes. A. Sofronov. Ogonek 34 no. 28:30 Jl '56.
More about reciprocity. Novyi mir 32 no. 6:212-214 Je '56.
Patriarch Alekseĭ's American guests. Sov. Soiuz no. 4:38 Ap '56.
With the American delegation in the Altai. Leonid Ivanov. Sib. ogni 35 no. 3:120-129 My-Je '56.

RUSSIA—RELATIONS (GENERAL) WITH VIETNAM
Model ship from Vietnam. A. Saraeva-Bondar'. Neva no. 8:191 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH VIETNAM, NORTH
Visitors from Vietnam. I. Ivleva. Ogonek 34 no. 31:15 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH YUGOSLAVIA
Brother peoples. B. Krymov. Slaviane no. 7:44-45 Jl '56.
Convention on cultural cooperation between the Soviet Union and the Federal People's Republic of Yugoslavia. Mezhdunar. zhizn' no. 6:154-155 Je '56.
Evening devoted to the friendship between the Soviet Union and Yugoslavia. Slaviane no. 7:61 Jl '56.
A fruitful exchange. Mezhdunar. zhizn' no. 6:118-119 Je '56.
Guests from Leningrad in Yugoslavia. K. Cherevkov. Ogonek 34 no. 25:4 Je '56.
Pathway of fraternal friendship. Ukraina no. 12:1-2 Je '56.
Roads of friendship. Vas. Zakharchenko. Sov. Soiuz no. 7:6-9 Jl '56.
Sevastopol'-Split. A. Bozhenko. Slaviane no. 8:44-48 Ag '56.
This is what I report. G. Borovik, A. Serbin. Ogonek 34 no. 24:5 Je '56.
Together forever. Fizk. i sport 26 no. 7:2 '56.
Visit by Soviet seamen. Ogonek 34 no. 26:26-27 Je '56.
Welcome! IA. Makarenko. Sov. pech. no. 6:42-43 Je '56.

RUSSIA—REVOLUTION, 1917-1921
The Communist Party as organizer of the defeat of Kolchak. L. M. Spirin. Vop. ist. no. 6:16-31 Je '56.
Different forms of socialist revolutions. A. P. Kuchkin. Mol. komm. 14 no. 7:83-93 Jl '56.
A survey of documentary materials of the Central State Historical Archives of Leningrad, U. S. S. R., on the labor movement in the Revolution of 1905-1907. V. M. Metamedova, M. A. Pliukhina. Ist. arkh. no. 3:194-210 My-Je '56.

RUSSIA—REVOLUTION, 1917-1921—BIBLIOGRAPHY see Bibliography—Russia—Revolution, 1917-1921

RUSSIA—REVOLUTION OF 1905
"All-Russian political strike of October, 1905." Parts 1 and 2. Reviewed by K. F. Sidorov. Vop. ist. no. 6:164-168 Je '56.
Editorial. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 3:3-9 '55.
First people's revolution in the era of imperialism [in Azerbaijani with summary in Russian]. Kh. O. Allmirzoov. Trudy Inst. ist. i filos. AN Azerb. SSR 10:5-41 '55.
The first Russian revolution and the reflection of its ideas in the periodical "Molla Nasreddin [in Azerbaijani with summary in Russian]." M. R. Kasumov. Trudy Inst. ist. i filos. AN Azerb. SSR 10:266-300 '55.
The historical significance of the soviets in 1905. S. M. Ravin. Vest. Len. un. 11 no. 11:90-102 '56.
Influence of the Russian Revolution of 1905-1907 on the countries of the Near and Middle East [in Azerbaijani with summary in Russian]. Z. Z. Abdullaev. Trudy Inst. ist. i filos. AN Azerb. SSR 10:235-265 '55.
"Sailors during the first Russian revolution of 1905-1907." Reviewed by G. M. Derenkovskii. Vop. ist. no. 5:169-176 My '56.
Youth in the first Russian revolution. A. I. Mel'nikov. Prep. ist. v shkole 11 no. 3:28-35 My-Je '55.

RUSSIA—REVOLUTION OF 1905—BIBLIOGRAPHY see Bibliography—Russia—Revolution of 1905

RUSSIA—SOCIAL CONDITIONS
"Don't fear Russian bears. Curious questions and frank answers about the Soviet Union" [in German]. Stefan Heym. Reviewed by S. Fil'shtinskii. Mezhdunar. zhizn' no. 7:149-151 Jl '56.
A meeting with Uruguayan textile workers. Nov. vrem. 14 no. 30:14-15 Jl '56.
Preparation of a textbook on the history of Soviet society. Vest. AN SSSR 26 no. 6:118 Je '56.

RUSSIA—STATISTICS
Statistical material. Vest. stat. no. 2:94-127 Mr-Ap '56.
The 20th Congress of the Communist Party of the Soviet Union and tasks in Soviet statistics. V. Starovskii. Vest. stat. no. 2:14-27 Mr-Ap '56.
V. I. Lenin on the work of the Central Statistical Administration. Vest. stat. no. 3:3-17 My-Je '56.

RUSSIA, NORTHEASTERN—AGRICULTURE
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Northeastern Provinces" Pavilion (Gorkiy, Arzamas, Kirov provinces, Chuvash and Mari A. S. S. R.); a guidebook] Pavil'on "Severo-Vostochnye oblasti" (Gor'kovskaia, Arzamasskaia, Kirovskaia oblasti, Chuvashskaia i Mariiskaia ASSR); putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 29 p.

RUSSIA, NORTHERN—LUMBERING

Develop lumbering in northern districts. M. V. Laiko. Les. prom. 34 no. 8:4-8 Ag '56.

RUSSIA, NORTHERN—PNEUMONIA

Course of acute pneumonia in the North. M. G. Gutman. Voen.-med. zhur. no. 3:86 Mr '56.

RUSSIA, NORTHWESTERN—AGRICULTURE

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Leningrad and the northwestern provinces" pavilion; a guidebook] Pavil'on "Leningrad i Severo-Zapadnye oblasti"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 29 p.

RUSSIA, NORTHWESTERN—DESCRIPTION AND TRAVEL

[Along the waterways of the Northwest; a guidebook] Po vodnym putiam Severo-Zapada; putevoditel'. [Leningrad] Izd-vo "Rechnoi transport," Leningradskoe otd-nie. 1956. 268 p.

RUSSIA, SOUTHERN—CORN (MAIZE)

[Corn in 1955] Kukuruza v 1955 godu. Moskva, Gos. izd-vo selkhoz. lit-ry. (Peredovoi opyt v sel'skom khoziaistve)
No. 3. [Southern districts of the U.S.S.R.] Raiony iuga SSSR. 1956. 380 p.
(DA)

RUSSIAN ARMY—SANITARY AFFAIRS—HISTORY

Generalissimo Suvorov and public health conditions in the army; on the 150th anniversary of his death. S. A. Semeka. Voen.-med. zhur. no. 5:3-14 My '50.

RUSSIAN COMPOSERS *see* Composers, Russian

RUSSIAN DRAMA

Old and unforgettable ties. G. Gulianitskaia. Neva no. 8: 154-157 Ag '56.

RUSSIAN DRAMA—HISTORY AND CRITICISM

For a wider horizon. I. Mikhailova. Teatr 17 no. 7: 80-92 Jl '56.

In the distorting mirror ("One-act plays." Reviewed by Al. Griaznov). Mol. kolkh. 23 no. 7:28-29 Jl '56.

RUSSIAN LANGUAGE

Answers to readers' questions. Rus. iaz. v shkole 17 no. 3:121-127 My-Je '56.

Enrichment of the Tajik vocabulary under the influence of Russian. IA. I. Kalontarov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 7:91-101 '55.

The great, powerful Russian language. M. M. Perovskaia. Rus. iaz. v shkole 17 no. 4:97-100 Jl-Ag '56.

Love, honor, and know the great Russian language. A. F. Rashevskaia. Rus. iaz. v shkole 17 no. 4:100-104 Jl-Ag '56.

"Modern Russian literary language." A. M. Finkel' and N. M. Bazhenov. Reviewed by M. P. Ivchenko. Rus. iaz. v shkole 17 no. 3:102-106 My-Je '56.

"Uchenye zapiski" of the Department of Russian of the Moscow Pedagogical Institute, vol. 33, no. 3. Reviewed by T. P. Lomtev. Rus. iaz. v shkole 17 no. 3:106-109 My-Je '56.

Ways to translate Russian single-unit sentences with indefinite and generalized subjects into English. K. A. Pobedimova. Uch. zap. 1 LGPIIIA no. 3:140-154 '56.

RUSSIAN LANGUAGE—ACCENTS AND ACCENTUATION

The stressed of borrowed words in Russian. L. A. Bulakhovskii. Rus. iaz. v shkole 17 no. 4:8-15 Jl-Ag '56.

RUSSIAN LANGUAGE—ADJECTIVE

Interrelationships between the participle and adjective in modern Russian. V. F. Ivanova. Uch. zap. Len. un. no. 180:73-89 '55.

RUSSIAN LANGUAGE—ADVERB

Transition of adverbs into prepositions. N. A. Kalamova. Vop. iaz. (Lvov) 1:108-127 '55.

RUSSIAN LANGUAGE—ALPHABET

Most important elements in methods of teaching the alphabet. S. P. Redozubov. Nach. shkola 24 no. 7: 16-23 Jl '56.

RUSSIAN LANGUAGE—BIBLIOGRAPHY *see* Bibliography—Russian language

RUSSIAN LANGUAGE—CLAUSES

Functions of the subordinate clause of cause in modern Russian. A. N. Surovtsev. Uch. zap. Len. un. no. 180: 188-208 '55.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Elements of logic in the analysis of student compositions. A. I. Kuznetsov. Rus. iaz. v shkole 17 no. 3:56-59 My-Je '56.

Original composition based on I. E. Repin's painting "The boat haulers." V. V. Mukhina. Rus. iaz. v shkole 17 no. 3:66-67 My-Je '56.

RUSSIAN LANGUAGE—DIALECTS

Study of dialect mistakes in the language of school children. S. A. Vrubel'. Rus. iaz. v shkole 17 no. 3:60-64 My-Je '56.

RUSSIAN LANGUAGE—DICTIONARIES

More about the subject of dictionaries. N. Bogoslovskii. Novyi mir 32 no. 7:279-280 Jl '56.

RUSSIAN LANGUAGE—DICTIONARIES—AZERBAIJANI

Azerbaijani terms used in the machinery industry. A. D. Mustafaev. Trudy Azerb. ind. inst. no. 7:170-174 '54.

Terms pertaining to hydraulic machinery and underground hydraulics. IU. I. Mamedzade. Trudy Azerb. ind. inst. no. 7:165-169 '54.

RUSSIAN LANGUAGE—ETYMOLOGY

Etymological analysis of words. N. M. Shanskii. Rus. iaz. v shkole 17 no. 4:55-64 Jl-Ag '56.

RUSSIAN LANGUAGE—GRAMMAR

Answers to readers. Rus. iaz. v shkole 17 no. 4:120-127 Jl-Ag '56.

Bazhenov, N. M. [Manual of the Russian language; for classes 6 and 7 of the Ukrainian secondary schools] Uchebnik russkogo iazyka; dlia 6-go i 7-go klassov srednei shkoly s ukrainskim iazykom prepodavaniia. Izd. 19-oe. Kiev, Radians'ka shkola.
Pt. 2. [Syntax] Sintaksis. 1956. 1 v.
(CLU)

"Difficult aspects of grammar and orthography." V. A. Dobromyslov, D. E. Rozental'. Reviewed by L. IU. Maksimov. Rus. iaz. v shkole 17 no. 4:110-114 Jl-Ag '56.

"Exercises to strengthen the grasp of grammar." L. P. Fedorenko. Reviewed by N. Algazina. Rus. iaz. v shkole 17 no. 4:114-116 Jl-Ag '56.

Matlichenko, A. S. [A collection of exercises in grammar and orthography; a textbook for pupils in classes 5-6 of non-Russian schools] Sbornik uprazhnenii po grammatike i pravopisaniiu; uchebnoe posobie dlia uchashchikhsia V-VI klassov nerusskoi shkoly. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 231 p.

Potapova, N. F. Russian; elementary course. Moscow, Foreign Languages Publ. House.
Vol. 2. 1955. 478 p.

RUSSIAN LANGUAGE—GRAMMAR—HISTORY

Independent dative case in the 1377 Lavrentii variant of the Suzdal' chronicle. L. A. Korobchinskaia. Dop. ta pov. L'viv. un. no. 3, pt. 1:19-21 '52.

RUSSIAN LANGUAGE—GRAMMAR, HISTORICAL

Vasilenko, L. A. [Historical grammar of the Russian language; a collection of exercises] Istoricheskaia grammatika russkogo iazyka; sbornik uprazhnenii. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 270 p.

RUSSIAN LANGUAGE—HOMONYMS

The demarcation between polysemia and homonymy. N. F. Shumilov. Rus. iaz. v shkole 17 no. 3:32-35 My-Je '56.

Study of homonyms in school. A. A. Kireev. Rus. iaz. v shkole 17 no. 3:64-66 My-Je '56.

RUSSIAN LANGUAGE—INFINITIVE

Syntactical observations on the use of the infinitive in the Russian language. A. I. Moiseev. Uch. zap. Len. un. no. 180:24-72 '55.

RUSSIAN LANGUAGE—ORTHOGRAPHY AND SPELLING

Individual assignments in orthography for students in classes 5-7. P. L. Belov. Rus. iaz. v shkole 17 no. 4: 87-90 Jl-Ag '56.

[Rules of Russian orthography and punctuation] Pravila russkoi orfografii i punktuatsii. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 175 p.

Standardization of contemporary Russian orthography and punctuation. S. Kriuchkov, D. Rozental'. Rus. iaz. v shkole 17 no. 4:30-48 Jl-Ag '56.

Standardization of modern Russian orthography and punctuation. S. E. Kriuchkov, D. E. Rozental'. Nach. shkola 24 no. 8:47-51 Ag '56.

What an orthographical dictionary should be for elementary school pupils ("Orthographical dictionary." S. P. Redozubov. Reviewed by P. A. Grushnikov). Nach. shkola 24 no. 7:51-54 Jl '56.

Work on words whose orthography is not ascertainable by rules. M. V. Ushakov. Rus. iaz. v shkole 17 no. 4: 65-72 Jl-Ag '56.

RUSSIAN LANGUAGE—PARTICIPLE

Interrelationships between the participle and adjective in modern Russian. V. F. Ivanova. Uch. zap. Len. un. no. 180:73-89 '55.

Study of the topic "participles." A. Zarelskii. Rus. iaz. v shkole 17 no. 4:73-80 Jl-Ag '56.

RUSSIAN LANGUAGE—PHONETICS

Some aspects of making phonetic analyses in pedagogical schools. E. F. Kosykh. Rus. iaz. v shkole 17 no. 4:91-93 Jl-Ag '56.

RUSSIAN LANGUAGE—PRONUNCIATION

Distinguishing the Russian sounds "i" and "e" in Tatar-speaking schools. G. T. Valitov. Rus. iaz. v shkole 17 no. 3:92-93 My-Je '56.

RUSSIAN LANGUAGE—PUNCTUATION

[Rules of Russian orthography and punctuation] Pravila russkoi orfografii i punktuatsii. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 175 p.

RUSSIAN LANGUAGE—SENTENCES

Conditional sentence. E. I. Korotaeva. Uch. zap. Len. un. no. 180:291-341 '55.

Relation between complete sentences in texts. V. A. Itskovich. Vop. iaz. (Lvov) 1:56-72 '55.

Simple sentences with and without modifiers. E. V. Krotevich. Vop. iaz. (Lvov) 1:3-10 '55.

Study of co-ordinating compound sentences. A. V. Budnikov. Rus. iaz. v shkole 17 no. 4:81-86 Jl-Ag '56.

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Cherkess A. S. S. R.; Kabardii)

Academician IA. K. Grot's views on methods [of teaching Russian]. M. S. Lapatukhin. Rus. iaz. v shkole 17 no. 3:94-99 My-Je '56.

Chistiakov, V. M. [The development of Russian speech in national school students; a lecture for teachers] Razvitie russkoi rechi uchashchikhsia natsional'nykh shkol; lektsiia dlia uchitelei. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 46 p.

Developing the scientific theory of teaching Russian. V. A. Dobromyslov. Rus. iaz. v shkole 17 no. 4:28-35 Jl-Ag '56.

From the experience of language teachers. D. G., K. S. Rus. iaz. v shkole 17 no. 3:77-84 My-Je '56.

How we intensify the professional training of students. L. A. Figurovskii. Rus. iaz. v shkole 17 no. 4:94-96 Jl-Ag '56.

Improve Russian language teaching in schools. Rus. iaz. v shkole 17 no. 3:1-5 My-Je '56.

Kuz'mina, N. I., and L. P. Ushakova. [A collection of articles for exposition in schools for the deaf and dumb; teachers' manual] Sbornik statei dlia izlozhenila v shkole glukhonemykh; posobie dlia uchitelei. Izd. 2-oe, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 151 p.

Practical assignments in a two-year pedagogical school course on the methods of teaching Russian. L. A. Gorbushina. Rus. iaz. v shkole 17 no. 3:68-77 My-Je '56.

Review at the beginning of the year in grade 5. P. P. Ivanov. Rus. iaz. v shkole 17 no. 4:49-54 Jl-Ag '56.

Secondary school graduates' training in the Russian language. V. V. Ivanov. Rus. iaz. v shkole 17 no. 3:51-56 My-Je '56.

Tasks in teaching the Russian language during the coming academic year. Rus. iaz. v shkole 17 no. 4:1-7 Jl-Ag '56.

Work in the Russian language with non-Russians (foreigners) in the humanity departments of Moscow University. G. I. Rozhkova. Rus. iaz. v shkole 17 no. 4:117-119 Jl-Ag '56.

Zakozhurnikova, M. L., and N. S. Rozhdestvenskii. [Grammar, orthography and speech development for pupils in the fourth grade of the elementary school; a manual for teachers] Grammatika, pravopisanie i razvitie rechi uchashchikhsia v IV klasse nachal'noi shkoly; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 199 p.

Zamakhaeva, N. S., and G. B. Simanovskaia. [A collection of systematic dictations; a manual for teachers in auxiliary schools] Sbornik sistematicheskikh diktantov; posobie dlia uchitelei vspomogatel'nykh shkol. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 143 p.

RUSSIAN LANGUAGE—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Russian language—Study and teaching

RUSSIAN LANGUAGE—SUFFIXES AND PREFIXES

Some problems of word formation in the modern Russian literary language. IU. R. Gepner. Rus. iaz. v shkole 17 no. 4:16-21 Jl-Ag '56.

The study of prefixes in the third grade. L. G. Khodes. Nach. shkola 24 no. 9:25-31 S '56.

RUSSIAN LANGUAGE—SYNTAX

Peshkovskii, A. M. [Russian syntax; a study] Russkii sintaksis v nauchnom osveshchenii. Izd. 7-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 511 p.

Phenomenon of constructive parallelism in the syntax of the modern Russian language. V. A. Trofimov. Uch. zap. Len. un. no. 180:3-23 '55.

RUSSIAN LANGUAGE—SYNTAX (Continued)

Phrases and their role in sentences. E. V. Krotevych. Dop. ta pov. L'viv. un. no. 3, pt. 1:13-17 '52.

The principal grammatical and semantic properties of introductory words and word combinations. A. I. Anikin. Rus. iaz. v shkole 17 no. 4:22-27 Jl-Ag '56.

Structural and semantic categories of appositions in modern Russian. M. G. Shatukh. Vop. iaz. (Lvov) 1:20-41 '55.

RUSSIAN LANGUAGE—TECHNICAL RUSSIAN

For the purity of the scientific language. O. K. Shikan, V. L. Shikan. Ukr. khim. zhur. 17 no. 2:285-289 '51.

RUSSIAN LANGUAGE—TRANSLATION

Morozov, M. M. [A manual on the translation of literary Russian prose into English] Posobie po perevodu russkoi khudozhestvennoi prozy na angliiskii iazyk. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 145 p.

RUSSIAN LANGUAGE—VERBS

Notes on compound forms of the past tense in Old Russian and Old Ukrainian written memorials before the 16th century. I. M. Kernyts'kyi. Nauk. zap. Inst. susp. nauk AN URSR 3:123-134 '54.

RUSSIAN LANGUAGE—VOCABULARY

"Vocabulary work in literature reading classes." P. I. Kolosov. Reviewed by M. Shil'nikova. Rus. iaz. v shkole 17 no. 3:100-102 My-Je '56.

RUSSIAN LANGUAGE—WORD ORDER

Functions of word order in Old Russian. L. A. Korobchinskaia. Vop. iaz. (Lvov) 1:73-85 '55.

RUSSIAN LANGUAGE—WORDS—HISTORY

Industrial and technical terminology of Russian shipbuilding in the 18th century. N. I. Barbashev. Trudy Inst. ist. est. i tekh. 6:49-63 '56.

Lexical assimilation in connection with false ("popular") etymologies. R. R. Gel'gardt. Rus. iaz. v shkole 17 no. 3:36-41 My-Je '56.

Observations on the reduplication of roots, stems, and words. I. G. Galenko. Vop. iaz. (Lvov) 1:42-55 '55.

Where words come from. I. Urazov. Ogonek 25 no. 52: 32 D '47.

RUSSIAN LITERATURE

Influence of Soviet literature on modern Chinese literature. A. V. Chicherin. Dop. ta vop. L'viv. un. no. 3, pt. 1:10-12 '52.

RUSSIAN LITERATURE—COLLECTIONS

Gnezdilov, M. F., and E. N. Zav'ialova. [A reader for class 6 of auxiliary schools] Knigu dlia chtenila; dlia VI klassa vspomogatel'nykh shkol. Izd. 11-oe perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 230 p.

Nekrasova, V. A. [Outside reading; a literary anthology] Vneklassnoe chtenie; literaturnaia khrestomatila. Izd. 2-oe, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR.
Pt. 2. [For class 6 of non-Russian schools] Dlia VI klassa nerusskikh shkol. 1956. 287 p.
Pt. 3. [For class 7 of non-Russian schools] Dlia VII klassa nerusskikh shkol. 1956. 310 p.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

The ability to see; on the trips of our essayists abroad. Valentin Shepelev. Nash. sovr. 2:252-260 '56.

Akademila nauk SSSR. Institut russkoi literatury. [Problems in Soviet literature] Voprosy sovetskoi literatury. Moskva.
Vol. 4. [Folklore in Soviet Russian literature] Fol'klor v russkoi sovetskoi literature, 1956. 423 p.

Artistic truth; polemical notes. A. Ninov. Zvezda no. 9:173-181 S '56.

Better less ("Literary Omsk." Reviewed by L. Balandin). Sib. ogni 35 no. 3:178-182 My-Je '56.

Closer to life. V. Aleksandrovskii. Dal'. Vost. 24 no. 2:164-165 Mr-Ap '56.

Collected articles on aesthetics ("Typicalness in literature and life," An. Dremov. Reviewed by N. Antropianskii). Sib. ogni 35 no. 3:174-177 My-Je '56.

Dogmatic theories and living literature. A. Iezuitov. Neva no. 6:167-170 Je '56.

Eleonskii, S. F. [Literature and folk creativity; a manual for teachers of secondary schools] Literatura i narodnoe tvorchestvo; posobie dlia uchitelei srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 237 p.

Frist job. IU. Surovtsev. Oktiabr' 32 no. 8:173-180 Ag '56.

From the historical to the fictitious name of the literary hero. D. S. Likhachev. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:201-214 My-Je '56.

Gudzii, N. K. [A history of Old Russian literature] Istorila drevnei russkoi literatury. Izd. 6-oe, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 510 p.

Ivan Franko and Russian literature. IE. Kyryliuk. Kom. Ukr. 31 no. 6:22-32 Je '56.

Krasnoyarsk almanac. A. Abramovich. Sib. ogni 35 no. 3:166-173 My-Je '56.

Kropotkin, P. A. [Ideals and reality in Russian literature] Ideały i deistvitel'nost' v russkoi literature. Perevod s angliiskogo V. Baturinskogo pod red. avtora. Buenos Aires, Izdatel' "Seiatol'," 1955. 323 p.

"Legends of the princes of Vladimir." R. P. Dmitrieva. Reviewed by A. A. Zimin. Ist. arkh. no. 3:235-238 My-Je '56.

Listening to the reader and reading critics; a trip to Transcarpathia. L. Mikhailova. Novyi mir 32 no. 7: 212-241 Jl '56.

Literary movement of the 1860's. B. V. Neiman. Lit. v shkole 17 no. 4:8-23 Jl-Ag '56.

The map of our literature. S. Shtut. Novyi mir 32 no. 9:239-249 S '56.

More about reciprocity. Novyi mir 32 no. 6:212-214 Je '56.

Old Russian tale on the taking of Constantinople by the "Franks" [Western Europeans] as a source for the history of Byzantium. N. A. Meshcherskii. Viz. vrem. 9:170-185 '56.

Problems and characters. V. Ozerov. Oktiabr' 33 no. 6:166-178 Je '56.

Remarks on the subject. IUr. Konstantinov. Sov. otch. no. 4:103-118 Jl-Ag '56.

Study of Old Russian literature by a group in the A. M. Gor'kii Institute of World Literature of the Academy of Sciences of the U. S. S. R. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 3:203-206 My-Je '56.

The subject of writing and its depth. A. Stepanov. Dal'. Vost. 24 no. 2:162-164 Mr-Ap '56.

Three books; notes of a writer. Lev Slavin. Ogonek 34 no. 37:17-18 S '56.

Trifonova, T. K. [Collective farm villages in contemporary literature] Kolkhoznaia derevnia v sovremennoi literature. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 17)

The workingman. Mekhti Gusein. Druzh. nar. no. 6: 160-163 Je '56.

"Writers of Soviet Siberia," no. 2. Reviewed by V. Odinokov. Sib. ogni 35 no. 3:188-191 My-Je '56.

RUSSIAN LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Russian literature—History and criticism

RUSSIAN LITERATURE—PERIODICALS

First trials. N. Makalmov. Dal'. Vost. 24 no. 2:171-174 Mr-Ap '56.

RUSSIAN LITERATURE—STUDY AND TEACHING
(see also subdivision under Bulgaria)

Akademila pedagogicheskikh nauk RSFSR, Moscow. [The study of literary works in classes 8-10; the practice of teachers. A collection of articles] Izuchenie khudozhestvennogo teksta v VIII-X klassakh shkoly; iz opyta raboty uchitelei, sbornik statei. Pod red. N. I. Kudriasheva i N. D. Moldavskoi. Moskva, 1956. 203 p.

Educational significance of using local teaching material. A. A. Krivko. Sred. spets. obr. no. 6:22-25 Je '56.

"Explanatory reading of literary works in grade 4." A. V. IAnkovskaia-Baldina. Reviewed by F. G. Vorob'ev. Nach. shkola 24 no. 7:55-57 Jl '56.

Extracurricular work on expressive reading in pedagogical schools. F. G. Bogdanov. Rus. iaz. v shkole 17 no. 3:85-88 My-Je '56.

Gurevich, S. A. [Organization of reading in the upper grades] Organizatsiia chtenila v starshikh klassakh. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 126 p. (Opyt peredovogo uchitelia)

Heighten the significance of literary reading in classes 5-7. Lit. v shkole 17 no. 4:3-7 Jl-Ag '56.

Lebedev, A. M. [Russian language literary reading in nationality schools] Literaturnoe chtenie na russkom iazyke v natsional'noi shkole. Pod obshchei red. K. V. Mal'tsevoi. Izd. 3-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 150 p.

Literature notes taken by students in advanced classes. L. S. Aizerman. Lit. v shkole 17 no. 4:46-51 Jl-Ag '56.

Russian language aspects of literature lessons in classes 8 and 9. E. I. Fofanskaia. Lit. v shkole 17 no. 4:81-86 Jl-Ag '56.

School analysis of a literary work's unity of content and form. N. O. Korst. Lit. v shkole 17 no. 4:24-31 Jl-Ag '56.

Shcherbinina, O. N. [Russian language literary reading in nationality schools; a manual for teachers] Literaturnoe chtenie na russkom iazyke v natsional'noi shkole; metodicheskoe posobie dlia uchitelei. Izd. 2-oe, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 214 p.

Structure of the program in literary reading in schools for working youth. E. V. Kviatkovskii. Lit. v shkole 17 no. 4:52-58 Jl-Ag '56.

Students review compositions. M. I. Plotnikov. Sred. spets. obr. no. 6:15-18 Ag '56.

Teachers on the new programs and anthologies for classes 6 and 7. V. Grishchenko. Lit. v shkole 17 no. 4:86-93 Jl-Ag '56.

"Vocabulary work in literature reading classes." P. I. Kolosov. Reviewed by M. Shil'nikova. Rus. iaz. v shkole 17 no. 3:100-102 My-Je '56.

RUSSIAN LITERATURE—TRANSLATIONS INTO ENGLISH

Morozov, M. M. [A manual on the translation of literary Russian prose into English] Posobie po perevodu russkoi khudozhestvennoi prozy na angliiskii iazyk. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 145 p.

RUSSIAN MUSIC see subdivision 'Music, Russian' under United States

RUSSIAN NEWSPAPERS
(see also subdivision under Kuban; Monchegorsk; Novo-Petrovskoye; Okha; Omsk)

Brief news. Sov. pech. no. 8:65 Ag '56.

Constantly improve the local press. P. Erofeev. Mosk. prop. 13 no. 5:10-15 My '56.

Deeds and thoughts; letters from district newspaper workers. Sov. pech. no. 7:6-9 Jl '56.

District newspaper. Sov. pech. no. 7:1-3 Jl '56.

Initiative of newspapers. Sov. pech. no. 6:20-22 Je '56.

A letter came to the editor. IU. Kornilov. Sov. pech. no. 8:19-23 Ag '56.

Letters to the editor. Sov. pech. no. 7:55-56 Jl '56.

[The newspaper and technical progress] Gazeta i tekhnicheskii progress. Moskva, Gos. izd-vo polit. lit-ry, 1956. 97 p. (V pomoshch' rabotnikam pechati)

Newspaper of the Russian Federation. Sov. pech. no. 7: 17 Jl '56.

Newspaper of the young. Sov. Soiuz no. 5:14-15 My '56.

The press is the sharpest and most influential weapon of our party ("Party and Soviet press"; a collection of documents. Reviewed by A. Prostanik). Komm. Ukr. 30 no. 10:64-72 O '54.

Retort to the newspaper "IUnyi Leninets." Mol. komm. 14 no. 7:112 Jl '56.

"Scintela." Sorin Toma. Sov. pech. no. 8:39-42 Ag '56.

Something new in newspaper formats. Sov. pech. no. 8: 13 Ag '56.

A very old Bolshevik newspaper; 50th anniversary of "Bakinskii rabochii." L. Tatrov. Sov. pech. no. 8:23 Je '56.

We compose without galley proofs. G. Salamatin, B. Burdin. Sov. pech. no. 7:21 Jl '56.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles.] Letopis' gazetnykh statei nos. 38-39 '56.

[Chronicle of newspaper articles.] Letopis' gazetnykh statei nos. 41-42 '56.

[Chronicle of newspaper articles.] Letopis' gazetnykh statei no. 43 '56.

RUSSIAN PERIODICALS

More attention to a periodical for young readers. B. Vasil'ev. Raspr. pech. no. 7:21 Jl '56.

A new periodical. A. Makarov. Neva no. 8:186 Ag '56.

Publications for cultural workers. V. Ganshin. Raspr. pech. no. 8:21 Ag '56.

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos. 39-40 '56.

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos. 41-42 '56.

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos. 43-44 '56.

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei; index Ap-Je '56.

RUSSIAN PHILOLOGY—STUDY AND TEACHING

Card index of a philologist. G. I. Granovskii. Lit. v shkole 17 no. 4:51-52 Jl-Ag '56.

Unjustified change in the distribution of hours. N. L. Lavrovskaia. Sred. spets. obr. no. 8:53-54 Ag '56.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Comparative study of the lower Visean division in the Donets Basin and in some other regions of the U. S. S. R. D. E. Aizenverg, N. E. Brazhnikova. Dokl. AN SSSR 108 no. 4:691-694 Je '56.

RUSSIAN PLATFORM—RADIOACTIVE SUBSTANCES

Geochemistry of scattered thorium and uranium in clays and carbonaceous rocks of the Russian Platform. V. I. Baranov, A. B. Ronov, K. G. Kunashova. Geokhimiia no. 3:3-8 '56.

RUSSIAN PLATFORM—SEISMOMETRY

Recording high-frequency reflected waves in the Russian Platform. I. S. Berzon, G. N. Parfiskaia, S. P. Starodubrovskaia. Izv. AN SSSR. Ser. geofiz. no. 6:644-656 Je '56.

RUSSIAN POETRY—HISTORY AND CRITICISM
The personality of a poet. I. Grinberg. Znamia 26 no. 8:151-165 Ag '56.

RUSSIAN POETRY—TRANSLATIONS INTO BULGARIAN
New Bulgarian edition of the "Tale of Igor's expedition." Reviewed by D. Likhachev. Slaviane no. 7:57-59 Jl '56.

RUSSIAN SOCIAL DEMOCRATIC PARTY
Underground press of the Russian Social Democratic Party in Nizhniy Novogorod, Yekaterinoslav and Moscow in 1902-1906 (conclusion). N. N. Kudriashev. Ist. arkh. no. 3:156-170 My-Je '56.

RUSSIAN TECHNICAL ASSISTANCE see subdivision 'Technical assistance, Russian' under China

RUSSIAN WOLFHOUNDS
In defense of borzois. A. Parshin. Okh. i okh. khoz. no. 7:35-36 Jl '56.

RUSSO-JAPANESE WAR, 1904-1905
Sorokin, A. I. [The Russo-Japanese War of 1904-1905; a historical sketch of the military operations] Russo-iaponskaia voina 1904-1905 gg.; voenno-istoricheskii ocherk. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 372 p.

RUST see Corrosion and anticorrosives

RUST (BOTANY) see Uredineae

RUSTAVELI, SHOTA, fl. 1190
Gol'tsev, Viktor. Shota Rustaveli. Izd. 2-oe, dorabotannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 118 p.

RYAZAN—CHURCHES
The Church of the "Sgonnyi" Resurrection in Ryazan. A. Chinyakov. Arkhit. nas. no. 6:132-135 '56.

RYAZAN—NEWSPAPER AND PERIODICAL CIRCULATION
Why do we do it? N. Volkov. Raspr. pech. no. 8:22 Ag '56.

RYAZAN PROVINCE—LUMBER
Five hundred thousand cubic meters of lumber for construction work on collective farms. Sel'. stroi. 11 no. 5:4 My '56.

RYAZAN PROVINCE—SWINE
Eliminate shortcomings in organizing reproduction and fattening of hogs. K. V. Rozhdestvenskii. Sovkhoz. proizv. no. 7:55-57 Jl '56.

RYE
(see also subdivision under Kazakhstan)
Tropashko, I. N. [Care of winter crops] Ukhod za posevami ozimykh kul'tur. Minsk, Gos. izd-vo BSSR, 1955. 190 p.
(DA)

RYLEEV, KONDRATII FEDOROVICH
Monograph about Ryleev ("Ryleev's life." Kirill Pigarev. Reviewed by Irakliĭ Andronikov). Ogonek 25 no. 52:24 D '47.

RYLENKOV, NIKOLAI IVANOVICH
History and poetry ("On the old Smolensk road." N. Rylenkov. Reviewed by IU. Osnos). Oktiabr' 33 no. 8:185-187 Ag '56.

SAARLAND (1947- )
Agreement on the Saar question. Mezhdunar. zhizn' no. 7:116-117 Jl '56.

SABINSKIY DISTRICT—BUDGET
Budget of a district. D. Khusnutdinov. Fin. SSSR 17 no. 6:55-56 Je '56.

SABLES
A valuable inhabitant of the taiga ("Sables." V. N. Nadeev, V. V. Timofeev. Reviewed by V. Geptner). Okh. i okh. khoz. no. 7:53 Jl '56.

[illegible]
...e plasticizer for cement mortars
...Kornilovich, L. G. Gulinova.
...stroi no. 137:18-19 '56.

for
...

SAKHALIN—ROCKS, IGNEOUS
Some new data on Sakhalin intrusions. I. G. Grinberg. Dokl. AN SSSR 108 no. 2:303-304 My '56.

SAKSAUL
Sowing saksaul from an An-2 airplane. V. Rubo. Grazhd. av. 13 no. 5:34 My '56.

SALAVAT—BOOKSELLERS AND BOOKSELLING
Leading store in the republic. Kh. Khammatov. Sov. knizh. torg. no. 7:25 Jl '56.

SALICYLIC ACID
Determination of sulfosalicylic acid. I. IA. Shafershtein, A. P. Zinova. Ukr. khim. zhur. 17 no. 5:786-792 '51.
Streptomycin and PAS treatment of tuberculosis in a sanatorium. G. M. Neushev. Voen-med. zhur. no. 9: 37-42 S '51.
Using PAS for treating some forms of pulmonary tuberculosis. M. M. Sagantaev. Voen.-med. zhur. no. 9:42-44 S '51.

SALINE WATERS
Physicochemical characteristics of Tuva salt lakes. I. N. Lepeshkov, V. K. Solov'ev, N. N. Smirnova. Izv. Sekt. fiz.-khim. anal. 27:380-392 '56.

SALINITY see subdivision under Baltic Sea; Pacific Ocean

SALIVARY GLANDS
Changes in the secretory function of salivary glands in connection with fatigue and restoration. R. S. Zlatin. Fiziol. zhur. [Ukr.] 1 no. 1:70-75 Ja-F '55.
Effect of muscular activity on unconditioned salivary reflexes in man. V. A. Novi. Fiziol. zhur. [Ukr.] 1 no. 1:25-32 Ja-F '55.
Unconditioned secretion of the salivary glands in cases of infectious hepatitis (Botkin's disease). A. I. Makhtinger and others. Vop. okh. mat. i det. 1 no. 4:44-48 Jl-Ag '56.

SALMON
(see also subdivision under Kamchatka)
Biotechnics of long maintenance of Kura breeder salmon in river channel nursery ponds. A. A. Protasov. Ryb. khoz. 32 no. 6:42-44 Je '56.
Helicopter transportation of selma. A. P. Liamkin. Ryb. khoz. 32 no. 6:47-48 Je '56.

SALMONELLA
Characteristic of food poisoning caused by Salmonella enteriditis. R. A. Tararin. Voen.-med. zhur. no. 4: 60-61 Ap '56.

SALONIKA—ECONOMIC CONDITIONS
Handicrafts and trade in Thessalonica from the end of the ninth to the beginning of the tenth century based on data by Ioannos Kameniata. R. A. Nasledova. Viz. vrem. 8:61-84 '56.

SALSK—AFFORESTATION
Grove in the steppe. A. I. Geldeko. Zdorov'e 2 no. 8: 15 Ag '56.

SALT
(see also subdivision under Asht regions; El'ton, Lake; Kirghizistan)
Effect of high concentrations of salts on plants. B. P. Strogónov, E. F. Ivanitskaia, I. P. Cherniadeva. Fiziol. rast. 3 no. 4:319-327 Jl-Ag '56.
Effect of sodium chloride on the peptization of humic substances from peat and brown coal. E. M. Natanson, E. F. Nekriach, N. N. Kozachek. Zhur. prikl. khim. 29 no. 6:914-918 Je '56.
Quantitative determination of corrosive sublimate and sodium chloride when present simultaneously. A. A. Medvedovskii. Apt. delo 5 no. 4:44-48 Jl-Ag '56.

SALTS
(see also subdivision under Tien Shan)
Complexing in binary fused salts. L. N. Antipin. Usp. khim. 25 no. 5:632-642 My '56.

Determination of free acid in presence of various salts. M. M. Seniavin, A. M. Sorochan. Trudy Kom. anal. khim. 7:246-271 '56.

The mechanism of protein denaturation. Report no. 7: Effect of the ions of salts on the denaturation of globular proteins. O. S. TSyperovych, T. O. Halkina. Ukr. ...ur. 28 no. 2:127-141 '56.

...decomposition potentials of salts to their ...in fused electrolytes. IU. K. Delimarskii, Ukr. khim. zhur. 17 no. 1:123-135 '51.

..., N. Efremov in the field of mineral salts. ...ov. Izv. Sekt. fiz.-khim. anal. 27:23-27

...etal oxides in fused salts. N. K. Voskre-N. Kashcheev. Izv. Sekt. fiz.-khim. anal. 56.

...determination of the dissociation pres-ain salts. L. G. Berg, I. S. Rassonskaia. Izv. Sekt. fiz.-khim. anal. 27:239-250

SALTS—INDEXES
Index of salt systems; anhydrous, studied by means of thermal analysis. A. G. Bergman, K. A. Evdokimova, O. F. Bogush. Izv. Sekt. fiz.-khim. anal. 27:410-456 '56.

SAMARA DISTRICT—COMMUNITY CENTERS
Nikolai Poluian walks through the fields. V. Litvinov. Kul't.-pros. rab. 17 no. 7:11-15 Jl '56.

SAMARKAND—ASTRONOMICAL OBSERVATORIES
The architectural aspect of the observatory of Ulugh Beg at Samarkand. V. A. Nil'sen. Trudy Inst. ist. i arkheol. AN Uz. SSR 5:101-128 '53.
The observatory of Ulugh Beg and its study. V. A. Shishkin. Trudy Inst. ist. i arkheol. AN Uz. SSR 5:3-100 '53.

SAMARKAND PROVINCE—KARAKUL SHEEP
Experience in organizing larger sheep raising groups on the "Leninchi-Charvodar" Collective Farm. I. G. Buzik. Kar. i zver. 9 no. 3:12-14 My-Je '56.

SAMPILOV, TSYRENZHAP SAMPILOVICH, 1893-1953
People's artist. G. Pavlov. Svet nad Baik. no. 3:138-141 My-Je '56.

SAMPLING
I. Needle for taking soil air specimens. II. $CO_2$, $O_2$ and $H_2$ content of soil air ground water in the Klyazma River Lowland [with German summary in insert]. M. T. IAstrebov. Pochvovedenie no. 4:89-98 Ap '56.

SAN JOSE SCALE see subdivision under Tajikistan

SANATORIUMS
(see also subdivision under Issyk-Kul)
Ten-day conference of the physicians of balneological and fangotherapeutic sanatoriums. V. N. Sovetov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:92-93 Ap-Je '56.

SAND
(see also subdivision under Georgia)
Single mixture process of silicifying quicksand and loess. V. V. Askalonov. Trudy NII osn. i fund. no. 17:15-33 '52.
Testing the single mixture process of silicifying quicksands under field conditions. E. S. Chalikova. Trudy NII osn. i fund. no. 17:34-46 '52.

SANDBLAST
Cleaning castings by wet sandblast. A. S. Pegov. Lit. proizv. no. 7:31-32 Jl '56.
Design and the operational process of sandblasting nozzles. Lit. proizv. no. 7:10-12 Jl '56.

SANITARY ENGINEERING
Mones, I. M. [Construction and assembly work in water supply and sewerage] Proizvodstvo stroitel'no-montazhnykh rabot po vodoznabzheniiu i kanalizatsii. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 359 p.
Pay more attention to the industrialization of sanitary-technological work. N. A. Vinokurov. Strel. pred. neft. prom. 1 no. 4:10-11 Je '56.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITARY ENGINEERING—CONGRESSES see subdivision under Budapest

SANITATION, HOUSEHOLD see subdivision under Georgia

SANNIKAU, KANSTANTSIN NIKALAEVICH
Forty years on the stage. A. Makatonak. Belarus' 13 no. 7:12 Jl '56.

SAP
Annual dynamic changes in the osmotic pressure of cell sap in evergreen foliage plants in the climatic conditions of Tiflis. N. M. Sharashidze. Soob. AN Gruz. SSR 17 no. 5:423-428 '56.
Cell juice concentration in spring wheat leaves in case of an adequate water supply. M. F. Lobov. Trudy Inst. fiziol. rast. 6 no. 1:245-253 '48.

SAPROPELITES
Hydromechanical methods in winning sapropels deposited in lakes. A. V. Smirnov, E. D. Tomin. Gidr. i mel. 8 no. 7:29-36 Jl '56.

SARATOV—LABOR PRODUCTIVITY
Visual propaganda at a factory. N. Deriabin. Part. zhizn' no. 12:73-76 Je '56.

SARATOV—OPERA
"The abduction from the seraglio" in Saratov. N. Nechaeva. Sov. muz. 20 no. 7:90-92 Jl '56.

SARATOV—RADIO—APPARATUS AND SUPPLIES
Pioneers of the future. A. Kulik. Radio no. 7:10-11 Jl '56.

SARATOV PROVINCE—BLEACHING AGENTS
Adsorptive properties of bleaching earths from the Saratov Province. F. A. Slisarenko, E. M. Timofeeva. Zhur. prikl. khim. 29 no. 6:847-850 Je '56.

SARATOV PROVINCE—SOILS
Soil conditions and the depth of tillage in Saratov Province. V. E. Butychova. Sel'khoz. Povol. no. 7:20-23 Jl '56.

SARATOV PROVINCE—SWINE—FEEDING AND FEEDING STUFFS
Alimentary phosphoremias in swine. IA. A. Babin and others. Svinovodstvo no. 4:30-40 Je '56.

SARAYCHIK—STOVES
Potter's stove in the ancient site of Saraychik. G. I. Paseevich. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:221-224 '56.

SASHES—STANDARDS
All-Union State Standard for suspension window sashes for factory windows. Biul. stroi. tekh. 13 no. 6:26-27 Je '56.

SATELLITES
Artificial satellite of the earth. K. Shistovskii. Sem'ia i shkola 11 no. 6:30-31 Je '56.
The dark satellite of 61 Cygni. I. V. Sokolov. Nauka i zhizn' 23 no. 6:52 Ag '56.

SATIRE
Fix the limits. Evg. Prokhorov. Sov. pech. no. 8:26-27 Ag '56.
Neglect of a genre. IU. Zolotarev. Sov. pech. no. 8:24-25 Ag '56.
Without form the satirical sketch doesn't exist. V. Kalashnikov. Sov. pech. no. 8:25-26 Ag '56.

SAUDI ARABIA—AIR BASES, AMERICAN
Arabian winds. Nov. vrem. 14 no. 33:17 Ag '56.

SAUREL see subdivision under Black Sea

SAUSAGES
Calculation of cost in sausage production. A. Sakhno. Mias. ind. SSSR 27 no. 3:33-36 '56.
Simplifying the calculation of cost in sausage production. N. Kholodnov. Mias. ind. SSSR 27 no. 3:36-37 '56.

SAVARENSKII, FEDOR PETROVICH, 1881-1946
Life and work of academician F. P. Savarenskii. V. A. Petkonskii. Trudy Lab. gidrogeol. probl. 1:9-18 '48.

SAVICH, VLADIMIR MIKHAILOVICH, 1885-
Professor Vladimir Mikhailovich Savich; on his 70th birthday. F. Kh. Dzhangurazov. Bot. zhur. 41 no. 4: 602-607 Ap '56.

SAWFLIES
The sawfly Tomostethus nigritus F., a pest of the ash in forest plantations [with English summary in insert]. A. G. Sharov. Zool. zhur. 35 no. 5:719-723 My '56.

SAWMILLS
Ways of increasing the productive capacity of sawmills. S. A. Obraztsov. Les. prom. 34 no. 6:23-25 Je '56.

SAWS
(see also subdivision under United States)
Circular saws for machines with hand feed. N. K. IAkunin. Der. prom. 5 no. 7:23-24 Jl '56.
Electric fret-saw. G. Ivanov. Tekh. mol. 24 no. 8:30 Ag '56.

SAWS—SAFETY APPLIANCES
Shielding blades of circular saws. I. Simson. Les. prom. 34 no. 7:23-25 Jl '56.

SAY MAY-KOLOT—EARTH MOVEMENTS
Movement of unconsolidated material on the Say May-Kolot slopes. E. N. Lisichek. Trudy Inst. geog. no. 67: 54-62 '56.

SAYAN MOUNTAINS—PHYLLOPODA, FOSSIL
Significance of Phyllopoda in the stratigraphy of Devonian deposits of intermontane depressions in the Sayan-Altai folded region. V. S. Meleshchenko, N. I. Novozhilov. Mat. VSEGEI no. 9:120-126 '55.

SCABIES
(see also subdivision under Estonia)
Demodectic mange in cattle. D. K. Pollakov. Veterinariia 33 no. 8:74-77 Ag '56.
White hellebore infusion for treating ear mange in rabbits. I. IU. Butkus. Kar. i zver. 9 no. 4:62-63 Jl-Ag '56.

SCALDS see Burns and scalds

SCALES (WEIGHING INSTRUMENTS)
Automatic scales for oils. V. V. Bukharin, V. P. Oleshko. Masl.-zhir. prom. 22 no. 4:24-26 '56.
Automatic scales for weighing flour in small-size packaging. G. Bardyshev. Muk.-elev. prom. 22 no. 7:19-20 Jl '56.
Automatic scales for weighing loose and bagged grain in a continuous operation. V. Mikhailitsin. Muk.-elev. prom. 22 no. 5:17-19 My '56.
Calculating the number of truck scales necessary in grain procurement stations. G. Kreimerman. Muk.-elev. prom. 22 no. 5:9-11 My '56.
Changes in the design of automatic batch scales. S. Vysotskii. Muk.-elev. prom. 22 no. 6:19-21 Je '56.
Electric circuit for DVM-100 weighing and sacking machines has been changed. M. Tevelev, M. IArtsev. Muk.-elev. prom. 22 no. 7:27-28 Jl '56.
New balances designed by the All-Union Scientific Research Institute of Metrology for checking standard weights. N. M. Rudo. Izm. tekh. no. 3:42-44 My-Je '56.

SCANDINAVIA—FUR FARMING
Notes on Scandinavian fur farming. V. A. Afanas'ev. Kar. i zver. 9 no. 3:52-58 My-Je '56.
Notes on Scandinavian fur farming. V. A. Afanas'ev. Kar. i zver. 9 no. 4:54-58 Jl-Ag '56.

SCAPULA—TUMOR
Eosinophilic granuloma of the scapula. L. IU. Dymarskii. Vest. rent. i rad. 31 no. 3:91-93 My-Je '56.

SCARABAEIDAE
(see also subdivision under Ukraine)
Measures for controlling scarab beetles in the afforestation of lower Dnieper sands. D. F. Rudnev. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:222-241 '54.

SCARLET FEVER
Condition of antitoxic immunity in scarlet fever patients treated with penicillin. N. I. Nisevich, M. Kh. Ismailova. Vop. okh. mat. i det. 1 no. 4:28-32 Jl-Ag '56.
Diagnostic significance of the Dick test and the precipitation reaction for obliterated scarlet fever cases. S. S. Zelenetskaia. Vop. okh. mat. i det. 1 no. 4:32-38 Jl-Ag '56.
"Scarlet fever heart" according to electrocardiographic data. B. M. Elinson. Vop. okh. mat. i det. 1 no. 4:23-28 Jl-Ag '56.

SCARLET FEVER—PREVENTION
Present status of the control of scarlet fever. E. Kh. Ganiushina. Vop. okh. mat. i det. 1 no. 4:17-23 Jl-Ag '56.

SCHILLER, FREIDRICH, 1759-1805
The 50th performance of Schiller's tragedy. Teatr 17 no. 6:185 Je '56.

SCHIZOPHRENIA
Effect of blood serum of schizophrenics on the respiration of brain tissue. S. P. Zel'inskyi. Fiziol. zhur. [Ukr.] 1 no. 1:40-53 Ja-F '56.

SCHOOL AND HOME see Home and school

SCHOOL DISCIPLINE
(see also subdivision under Dnepropetrovsk; Stalingrad Province; Voroshilovgrad)
Fight for discipline at every step. E. T. Konukhova. Sred. spets. obr. no. 7:40-42 Jl '56.
From guidance practice. V. I. Kostina. Nach. shkola 24 no. 9:12-17 S '56.
How we inculcate self-discipline in children. M. N. Voronina. Ucheb.-vosp. rab. v dets. dom. no. 39:36-40 '55.
Teaching discipline. A. Levshin. Nar. obr. no. 6:52-59 Je '56.

SCHOOL EXCURSIONS
An aerial excursion. O. O. Rutkovskii. Geog. v shkole 19 no. 3:52-54 My-Je '56.
Exchange excursions as a form of extracurricular activity. S. R. Laptev. Geog. v shkole 19 no. 3:54-55 My-Je '56.
Excursion to a hydro development. V. A. Aleksandrovskii. Geog. v shkole 19 no. 3:48-50 My-Je '56.
Geographic excursions and trips. I. V. Kriakovskii. Geog. v shkole 19 no. 3:55-56 My-Je '56.
"Geographic excursions in secondary schools." V. A. Tropovitsyn. Reviewed by A. M. Likhachev. Geog. v shkole 19 no. 3:73-74 My-Je '56.
Historical tour of old cities in northeastern Russia. G. I. Goder. Prep. ist. v shkole 11 no. 3:93-94 My-Je '56.
Industrial excursions in the field of physics as one means of effectuating applied science instruction. K. E. Martynova. Uch. zap. Ped. inst. Geris. 119:33-55 '56.
Joy of knowing the world. V. TSvetkov. Sem'ia i shkola 11 no. 6:7-8 Je '56.
Soil science excursions in secondary schools. V. Kalmykova. Geog. v shkole 19 no. 3:43-47 My-Je '56.
Some problems of excursion activities in schools. V. A. Frish. Geog. v shkole 19 no. 3:40-42 My-Je '56.

SCHOOL GARDENS
(see also subdivision under Kiev)
Organization of work on a school experimental plot. P. K. Koval'chuk. Est. v shkole no. 4:44-47 Jl-Ag '56.

SCHOOL HYGIENE
"School children at the health station." I. M. Boruiska. Reviewed by B. S. Zavadskii. Med. sestra 15 no. 6:29 Je '56.

SCHOOL MANAGEMENT AND ORGANIZATION
"Guidance experience within schools." Reviewed by I. Gubanov and A. Mallovanov. Nar. obr. no. 7:65-68 Jl '56.
"School administration." Reviewed by A. D. Bondar. Rad. shk. 35 no. 5:50-52 My '56.

SCHOOL MUSIC
Stream forth, oh, song! G. IUr'ev. Sem'ia i shkola 11 no. 7:24-25 Jl '56.

SCHOOL PERIODICALS see subdivision 'College and school periodicals' under United States

SCHOOLHOUSES
(see also subdivision under Czechoslovakia)
Alekseev, V. F. [City school grounds; principles governing the location and a program for the designing of city secondary ground (with accomodations for 400-440 students and for 880-960 students)] Uchastki gorodskikh shkol; osnovnye polozheniia i programma na proektirovanie uchastkov dlia gorodskikh srednikh shkol (dvukhkomplektnykh i odnogkomplektnykh). Pod red. N. IA. Kolli. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenita RSFSR, 1956. 107 p., illus.
How to utilize school buildings for polytechnical education. V. Smyshliaev. Arkhit. SSSR no. 6:26 '56.
Preserve the fixed capital. A. Sidorov. Nar. obr. no. 7:30-33 Jl '56.
Standard school building made of brick blocks. L. E. Ass. Arkhit. i stroi. Len. no. 2:17 Je '56.

SCHOOLS
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Schools and establishments for children"; pavilion; a guidebook] Pavil'ony "Shkol'nye i detskie uchrezhdenila"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

SCHOOLS—EXERCISES AND RECREATIONS
Preparing for the festival. M. Loginova. Vozhatyi 32 no. 8:46-47 Ag '56.
Using the magnetophone in schools. V. S. Kleshchev. Fiz. v shkole 16 no. 4:93-94 Jl-Ag '56.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.
Adapting the school desk for manual work. I. Korzhev. Nach. shkola 24 no. 7:49-50 Jl '56.
School supply in the new academic year. Fiz. v shkole 16 no. 4:90-91 Jl-Ag '56.
A useful publication ("Album of designs of school furniture." Reviewed by N. Konobeevskii). Nar. obr. no. 6: 70 Je '56.

SCHRUBBER (CHEMICAL TECHNOLOGY)
Flue gas cleaning from mechanical impurities. A. Tezikov. Khol. tekh. 33 no. 2:57-60 Ap-Je '56.

SCHUMANN, ROBERT ALEXANDER, 1810-1856
Prophetic singer of music. V. Gorodinskii. Ogonek 34 no. 31:11-12 Jl '56.
Schumann and the present. E. Rebling. Sov. muz. 20 no. 8:60-67 Ag '56.
Shchumann's creative method. M. Druskin. Sov. muz. 20 no. 7:68-74 Jl '56.
Schumann's dramatic vocal music. V. Konen. Sov. muz. 20 no. 8:68-72 Ag '56.

SCIENCE
(see also subdivision under China; Göttingen; Kirghizistan; Leningrad; Novosibirsk)
"A. M. Gor'kii, propagandist of science." M. IUnovich. Reviewed by G. Mendelevich. Novyi mir 32 no. 7:269-270 Jl '56.
Do you know: Mol. mira no. 6:7 '56.
For new successes in Soviet science in 1949. V. M. Isakovych. Visnyk AN URSR 21 no. 1:24-31 Ja '49.
Gabriel'ian, G. G. [Science and its role in society] Nauka i ee rol' v obshchestve. Erevan, Armgiz, 1956. 336 p.
Physics, chemistry, geology, technology, mechanics, mathematics, astronomy, biology, medicine and agriculture; reviews [of foreign literature]. Nov. knigi za rub. 9 no. 6:3-131 Je '56.
The relation between the natural sciences and the materially productive activity of man. Kh. M. Fatallov. Vest. Mosk. un. 11 no. 4:73-81 Ap '56.
Reut, V. F. [Creative collaboration] Tvorcheskoe sodruzhestvo. Moskva, Gos. izd-vo polit. lit-ry, 1956. 38 p.
Tasks of the Academy of Sciences in the light of resolutions of the 20th Congress of the Communist Party of the Soviet Union. A. N. Nesmeianov. Vest. AN SSSR 26 no. 6:3-24 Je '56.
To readers. Znan. sila 31 no. 7:1 Jl '56.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—HISTORY
Berg, L. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. [The history of science] Istoriia nauku. 1956. 394 p.

SCIENCE—INFORMATION SERVICES
A very important center of scientific information. D. Panov. Nov. vrem. 14 no. 32:27-28 Ag '56.

SCIENCE—JUVENILE LITERATURE
Popular science literature is an aid in the atheistic education of children (grades 7 to 9). V.Bochkareva, N.Guseva. Ucheb. -vosp. rab. v dets. dom. no. 39:88-101 '55.

SCIENCE—PERIODICALS
A review of new periodicals. Nauka i zhizn' 23 no. 8: 60-61 Ag '56.

SCIENCE AND LITERATURE see Literature and science

SCIENCE AND RELIGION see Religion and science

SCIENCE FICTION
Engineer's dreams. G. Babat. Tekh. mol. 24 no. 6:30-31 Je '56.
"For a great plan." Nikolai Gomolko. Reviewed by G. Prusova. Tekh. mol. 24 no. 6:18 Je '56.
Tekhlibrary. L. Teplov. Tekh. mol. 24 no. 6:13 Je '56.
The year 2500. World exhibition. L. Popilov. Tekh. mol. 23[i.e. 24] no. 7:26-29 Jl '56.
The year 2500; World exhibition; conclusion. L. Popilov. Tekh. mol. 24 no. 8:24-25 Ag '56.

SCIENTIFIC EXCHANGES see Exchanges, Literary and scientific

SCIENTIFIC SOCIETIES
Chinese scientists elected. Nar. Kit. no. 9/10:42-43 My '51.

SCLERODERMA
Role of trauma in scleroderma and atrophic acrodermatosis. N. V. Il'ina. Vest. ven. i derm. no. 3:52 My-Je '56.

SCOPOLIA
Pharmacological study of an alkaloid extracted from the roots of Anisodus luridus. N. B. Vysotskaia. Farm. i toks. 19 no. 3:52-53 My-Je '56.
Quantitative determination of alkaloids in the leaves of Himalayan scopolia. E. S. Gritsaeva, A. S. Prozorovskii. Apt. delo 5 no. 4:25-29 Jl-Ag '56.

SCRAP METAL
Ways of reducing rolling costs. P. P. Zuev. Metallurg no. 6:28-30 Je '56.

SCREW CUTTING
Axial forces in screw cutting. IU. L. Frumin. Stan. i instr. 27 no. 6:22-24 Je '56.
Instrument for the control of the front angle of round screw-cutting dies. G. D. Koveshnikov. Stan. i instr. 27 no. 8:41-42 Ag '56.

SCREW THREADS—MEASUREMENT
Gauge for measuring tapered threads. N. M. Borzak, A. M. Cherniak. Izm. tekh. no. 3:79-80 My-Je '56.

SCULPTORS, CHINESE
My Peiping friend; a street sculptor. Irene Hon. V zashch. mira no. 61:73-79 Je '56.

SCULPTURE see subdivision under Azerbaijan

SEA AIR see subdivision under Crimea

SEA BATHS see Baths, Sea

SEA IN ART
On the shores of three seas. Pioner no. 12:41 D '53.

SEA SOUNDINGS see Deep-sea sounding

SEA STORIES
Mystery of "Maria Celesta." Vokrug sveta. no. 6:8-11 Je '56.

SEA WATER
Translucency of sea water to ultraviolet rays and their effect through sea water. S. M. Chubinskii. Izvoter. i lech. fiz. kul't. 21 no. 2:30-31 Ap-
f the sea. A. Kalmykova. Tekh. mol. 24 g '56.
-PHYSIOLOGICAL EFFECT
ater for disinfection. B. L. Shura-Bura. l. zhur. no. 3:55-57 Mr '56.
'OSSIL see subdivision under Lena Valley
subdivision under Arctic regions; North
ALS)
meat to fur-bearing animals. M. N. IUdin, nov. Kar. i zver. 8 no. 3:43-44 My-Je
everything. Biserozka 32 no. 7:32 Jl '56.
d. I. Lisochkin. Smena 33 no. 13:12b-12c
CREATION
club. A. Goncharov. Sov. mor. 16 no. 3:17
the formation of marine beach placers (such in foreign countries). V. I. Platnov. Razved. 22 no. 5:6-16 My '56.

Some feature of the dynamics of off-shore shallows accumulation. E. N. Egorov. Trudy Inst. geog. 68:54-68 '56.

SEASICKNESS
Seasickness. N. Koroleva. Nauka i zhizn' 23 no. 6:63 Je '56.

SEAWEEDS see Algae

SECHENOV, IVAN MIKHAILOVICH, 1829-1905
I. M. Sechenov and I. P. Pavlov on I. I. Mechnikov. G. P. Tribulev. Voen.-med. zhur. no. 9:88-90 S '51.
I. M. Sechenov's research on the respiratory function of blood; 50th anniversary of the death of Ivan Mikhailovich Sechenov. G. E. Vladimirov. Vop. med. khim. 2 no. 1:3-11 Ja-F '56.

SECURITY, INTERNAL see Internal security

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION AND DEPOSITION
(see also subdivision under Bering Sea; Kurile Trench)
Power balance of a sediment-bearing stream. M. A. Velikanov. Izv. AN SSSR. Ser. geofiz. no. 6:728-734 Je '56.
Willows as a means of preventing the shoaling of rivers. I. A. Freiberg. Shor. nauch. rab. Inst. lesa AN BSSR no. 6:178-183 '55.

SEDYKH, KONSTANTIN FEDOROVICH, 1908-
Konstantin Sedykh. IU. Mostkov. Sib. ogni 36 no. 3: 151-165 My-Je '56.

SEED INDUSTRY
(see also subdivision under Belgorod Province; Kirov Province; Lunino District; Vinnitsa Province)
Carry out the certification of crops in good time. A. Kh. Dampel'. Mosk. kolkh. 5 no. 6:15-16 Je '56.
Carry out the certification of seed crops in good time and in an excellent manner. R. M. Blinkherova. Sel. i sem. 21 no. 2:15-17 '56.
Conditions for procuring and purchasing certified seed grain. Sel. i sem. 21 no. 3:59-64 '56.
For further improvement of seed production. M. P. Karpenko. Sel. i sem. 21 no. 2:8-14 '56.
Harvest grass seeds in time and without waste. M. D. Halenko. Mekh. sil'. hosp. 7 no. 7:18-19 Jl '56.
Measures for furthering the transition of collective and state farms for the use of hybrid seed material. Kolkh. proizv. 16 no. 5:12 My '56.
Organize a seed production crew on every large collective farm. V. Chachin. Sel. i sem. 21 no. 2:34-35 '56.

SEED POTATOES
(see also subdivision under Kazakhstan)
Mode of cutting potato tubers and its effect on the quality and formation of starch. H. V. Poruts'kyi. Dop. AN URSR no. 3:44-50 '49.
Pay more attention to growing seed potatoes in the South. A. M. Favorov. Kartofel' no. 2:47-51 My-Je '56.
Save all early potatoes for seeds. Z. A. Sytina, O. D. Dorofeeva. Mosk. kolkh. 5 no. 7:9 Jl '56.
Use only high grade potatoes for seeds. A. P. Kochetiagina. Mosk. kolkh. 5 no. 8:11-12 Ag '56.
Vernalization of potatoes for summer planting. A. M. Gavrilov. Kartofel' no. 2:28-31 My-Je '56.

SEEDLINGS
Dates of sowing and the development of seedlings. V. R. Loladze. Sad. vin. Mold. 11 no. 3:44-45 My-Je '56.

SEEDS
(see also subdivision under Siberia)
Agronomist. A. E. Voronova's method for conditioning seeds. Nauka i pered. op. v sel'khoz. no. 6:86 Je '56.
Characteristics of European ash seeds from various geographical sources. N. N. Varasova. Trudy Bot. inst. Ser. 4 no. 11:370-387 '56.
Growing seedlings of the Norway maple without previous stratification of seeds. L. P. Maiskov. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:206-207 '55.
Interaction of plant seeds with environmental materials. F. A. Kurts. Priroda 45 no. 8:116 Ag '56.
Investigating the mechanism of the exchange of heat and substances in plant seeds when heated by a high-frequency electric field. G. A. Maksimov, L. M. Krukova. Biofizika 1 no. 3:201-205 '56.
Manual for seed laboratories ("Methods for investigating and evaluating the quality of seeds." M. K. Firsova. Reviewed by N. A. Maisurian). Sel. i sem. 21 no. 2:63 '56.
Oknina, E. Z., and E. I. Barskaia. [Practical manual for determining the planting readiness of stratified seeds of the principal fruits] Prakticheskoe rukovodstvo po opredeleniiu gotovnosti semian osnovnykh plodovykh kul'tur k posevu pri stratifikatsii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 24 p.
Radiobiological effect in wheat seeds as affected by dessication. IA. L. Shekhtman. Biofizika 1 no. 2:137-140 '56.
Seed sifting with horizontal oscillation of sieves. I. I. Vasylenko. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 4:69-80 '54.

Using differential analysis to improve the condition of seeds. N. N. Ol'rikh. Sel. i sem. 21 no. 2:47-51 '54.

SEEDS—CLEANING
Mechanized cleaning and sorting of onion seeds. I. I. Smirodin. Sad i og. no. 7:28-29 Jl '56.

SEEDS—DISINFECTION
Mercuran. Nauka i zhizn' 23 no. 7:63 Jl '56.
Treating seeds with mercuran before sowing. E. N. Kiseleva. Zemledelie 4 no. 7:70-72 Jl '56.

SEEDS—GERMINATION see Germination

SEGEZHA DISTRICT—LUMBERING—MACHINERY
Efforts of Segezha loggers for progressive technology. A. Shkarin. Les. prom. 34 no. 8:10-12 Ag '56.

SEISMOLOGY
(see also subdivision under Antarctic regions; Arctic regions; Colchis; Soviet Central Asia; Tajikistan)
Approximation solution of a problem of diffraction of plane elastic longitudinal wave relative to a horizontal fault. G. A. Skuridin. Trudy Inst. geofiz. AN Gruz. SSR 14:79-90 '55.
Comments of participants of the meeting. G. A. Aliev and others. Biul. Sov. po seismi. no. 1:85-92 '55.
Quantitative analysis of wave processes in elastic semi-space subjected to various effects. K. I. Ogurtsov. Uch. zap. Len. un. no. 208:142-220 '56.
Resolutions of the meeting. Biul. Sov. po seismi. no. 1: 93-94 '55.
Results of using the correlation method of refracted waves for solving some engineering geological problems. G. K. Tvaltvadze, G. I. Murusidze. Trudy Inst. geofiz. AN Gruz. SSR 13:141-147 '54.
The third meeting of workers of the European Seismological Committee. E. F. Savarenskii. Izv. AN SSSR. Ser. geofiz. no. 7:873-873 Jl '56.
Using unidirectional hodographs of reflected waves in seismic prospecting. G. IA. Murusidze. Trudy Inst. geofiz. AN Gruz. SSR 14:91-102 '56.
Wave propagation in laminated isotropic elastic media. Part I. G. I. Petrashen', I. N. Uspenskii. Uch. zap. Len. un. no. 200:58-141 '56.

SEISMOMETERS
Determining frequency and phase characteristics of electrodynamic seismic receptors by means of auxiliary excitation coils. L. I. Berkmenko. Izv. AN SSSR. Ser. geofiz. no. 7:770-793 Jl '56.
Grouping of seismic recorders. V. S. Voitovskii. Prikl. geofiz. no. 14:23-46 '56.
Portable high-frequency station for parametric measurements. N. E. Fedoseenko. Izv. AN SSSR. Ser. geofiz. no. 7:794-800 Jl '56.

SEISMOMETERS—TESTING
Testing seismic recorders. A. A. Datskevich. Prikl. geofiz. no. 14:47-64 '56.

SEISMOMETRY
(see also subdivision under Ashkhabad region; Caucasus; Russian Platform)
Classification of earthquakes according to the energy of compression waves radiating from the epicenter. V. I. Bune. Dokl. AN Tadzh. SSR no. 14:31-34 '55.

SEITAKOV, B.
The voracious and the contrived ("Contemporaries" [in Turkmen]. B. Seitakov. Book review). Druzh. nar. no. 7:186 Jl '56.

SELF-CONTROL
Inculcating self-control in younger school children and adolescents. N. D. Levitov. Ucheb.-vosp. rab. v dets. dom. no. 39:3-21 '55.

SEMEN
Conservation of the semen of herd bulls at a temperature of -20 degrees. A. I. Koroiko. Zhivotnovodstvo no. 6: 69-73 Je '56.

SEMENENKO, NIKOLAI PANTELEIMONOVICH, 1905-
Scientific activity of N. P. Semenenko. IA. N. Belcvisev, N. M. Akimenko, S. I. Zhilkinskii. Min. sbor. no. 9:335-338 '55.

SEMENOV, NIKOLAI NIKOLAEVICH, 1893-
Academician Nikolai Nikolaevich Semenov; on the occasion of his 60th birthday. Vest. AN SSSR 26 no. 6:113-114 Je '56.
N. N. Semenov and the contemporary doctrine of the chemical process. V. V. Voevodskii, N. M. Chirkov. Khim. nauka i prom. 1 no. 2:224-227 '56.
Nikolai Nikolaevich Semenov, founder of the theory of chain reactions; on the 60th anniversary of his birth. N. M. Chirkov, V. V. Voevodskii. Zhur. fiz. khim. 30 no. 4:722 Ap '56.

SEMICONDUCTORS
Calculating machine employing semiconductors. Nauka i zhizn' 23 no. 7:56 Jl '56.
Determining the components of an equivalent electric circuit of semiconductor rectifiers. G. B. Abdullaev. Izv. AN Azerb. SSR no. 3:3-10 Mr '56.

SEMICONDUCTORS (Continued)
Diffusion of current carriers in semiconductors in the presence of an external electric field. E.I. Rashba. Zhur. tekh. fiz. 26 no.7:1415-1418 Jl '56.
Effect of admixtures on the lifetime of excess charge carriers in germanium. A.V. Rzhanov. Zhur. tekh. fiz. 26 no.7:1389-1393 Jl '56.
Electric conductivity of germanium-silicon alloys in the liquid state. M.S. Abilova, O.D. Elpt'evskaia, A.R. Regel'. Zhur. tekh. fiz. 26 no.6:1366-1368 Je '56.
On surface recombination. V.L. Bonch-Bruevich. Zhur. tekh. fiz. 26 no.6:1137-1140 Je '56.
Remarks on G.E. Pikus' and IU.A. Firsov's article. V.L. Bonch-Bruevich. Zhur. tekh. fiz. 26 no.6:1372 Je '56.
Semiconductors and their prospective use in railroad transportation. M.I. Vakhnin. Tekh. zhel. dor. 15 no. 4:4-8 Je '56.
Semiconductors and their technical utilization. A.V. Rzhanov. Belarus' 13 no.6:12-13 Je '56.
Silicon for semiconductors. N.N. Murach. Priroda 45 no.7:82-83 Jl '56.
Technology of the sixth five-year plan. E.IA. Minchenkov. Nach. shkola 24 no.7:36-42 Jl '56.
Wonder crystals. Kirill Gladkov. Smena 33 no.13:16-17 Jl '56.

SEMICONDUCTORS—BIBLIOGRAPHY see Bibliography—Semiconductors

SEMIPALATINSK—CONCERTS
Semipalatinsk. Sov. muz. 20 no.7:113 Jl '56.

SEPARATORS (MACHINES)
Determination of tangential velocities and level profile of water in detachable cyclones. O.M. Baldina. Energomashinostroenie no. 5:7-11 My '56.
Improving the construction of brushes used for cleaning screens. B. Krichigin. Muk.-elev. prom. 22 no.7:24 Jl '56.
Investigation of the operation of cyclone separators for cleaning gas in tractor gas generator installations. V.F. Drozdov. [Trudy] NATI no.13:40-63 '56.
New electromagnetic separator for mixed feed plants. G. Bardyshev. Muk.-elev. prom. 22 no.5:19-20 My '56.

SEPTICEMIA
Basic questions of penicillin therapy of septicemia in children. N.V. Zakharov. Pediatriia 39 no.3:66-69 My-Je '56.
Distribution of $P^{32}$-labeled Staphylococcus aureus in acute experimental sepsis in rabbits. P.IA. Siver and others. Vop. med. khim. 2 no.1:29-31 Ja-F '56.
Effect of preliminary penetrating radiations on the course of bacterial toxicosis. P.N. Kiselev, E.V. Karpova. Med. rad. 1 no.2:23-29 Mr-Ap '56.

SEPULCHRAL MONUMENTS see subdivision under Azerbaijan

SERBIAN LANGUAGE
Stability of basic vocabulary in the Serbian language. Z.G. Rozova. Dop. ta pov. L'viv. un. no.3, pt.1:27-28 '52.

SERIES, FOURIER'S see Fourier's series

SERIES, TAYLOR'S
Main component of the remainder in Taylor's formula. R.IA. Shostak. [Trudy] MVTU no.50:303-306 '56.

SEROV—BEE CULTURE
The parcel contains bees. V. Zapretilin. Ogonek 34 no.34:30 Au '56.

SEROV—METALLURGICAL PLANTS
Elimination of bangings in reversing the valves of open-hearth furnaces at the Serov Metallurgical Plant. M.A. Magidson, IU.F. Prostanov. Stal. proizv. no.1:94-101 '56.

SERPENTS
(see also subdivision under Brazil)
Adventures of the echis. O. Bogdanov. Pioner no.8:57-59 Ag '56.

SERPILIN, LEONID
Historical veracity and artistic truth. ("Architects." Leonid Serpilin. Reviewed by V. Goffenshefer). Druzh. nar. no.7:162-169 Jl '56.

SERPUKHOV—CLOTHING INDUSTRY
Contrary to facts. Prom. koop. no.6:30 My '56.

SERPUKHOV DISTRICT—VETCH
Serpukhov winter vetch. E.D. Alekseev. Mosk. kolkh. 5 no.7:16-17 Jl '56.

SERPULIDAE, FOSSIL see subdivision under Volyn-Podolian Upland

SERUM
Commercial production of therapeutic hyperimmune horse serum against tick-borne and Japanese encephalitis. Report no.2: Obtaining gammaglobulin from normal therapeutic antiencephalitic horse serum; author's abstract. I.M. Rodin and others. Zhur. mikrobiol. epid. i immun. 27 no.7:58-59 Jl '56.
Conference of administrative personnel of vaccine and serum institutes. L.A. Shvartsman. Zhur. mikrobiol. epid. i immun. 27 no.7:126-127 Jl '56.
Data on the electrophoretic study of serum proteins in the arterial and venous blood of cows. V.G. IAkovlev, I.K. Mishchenko. Izv. AN Kir. SSR no.1:81-86 '55.
Dicumarin. Nonspecific serum. Voen.-med. zhur. no.9:94-96 S '51.
Early modifications in the blood serum under the action of X-rays as determined by ultraviolet spectrography. B.M. Graevskaia, B.A. Orlov. Dokl. AN SSSR 108 no.4:623-625 Je '56.
Effect of blood serum of schizophrenics on the respiration of brain tissue. S.P. Zol'inskyi. Fiziol. zhur. [Ukr.] 1 no.1:46-53 Ja-F '55.
Methods for determining the preventive characteristics of serums. N.A. Khomenko. Zhur. mikrobiol. epid. i immun. 27 no.7:74-79 Jl '56.

SERUM THERAPY
Immunotherapy in burns. L.N. Pushkar'. Khirurgiia no.5:17-20 My '56.
Methods of using therapeutic serum. G.V. Rostovskii. Voen.-med. zhur. no.3:84 Mr '56.

SERVICEMEN, MILITARY see Soldiers

SERVOMECHANISMS
Series of servomechanisms with contactless drives and proportional motor control. O.I. Aven, N.S. Barkov, S.M. Domanitskii. Izv. AN SSSR. Otd. tekh. nauk no.6:166-168 Je '56.

SETS, THEORY OF see Aggregates

SEVAN, LAKE—FRESH-WATER BIOLOGY
"Transactions of the Sevan Hydrobiological Station." Reviewed by G.G. Vinberg. Usp. sovr. biol. 41 no.3:381-387 My-Je '56.

SEVAN REGION—SHRUBS
Some wild species of trees and shrubs first located in the Lake Sevan Basin. S. Marukian. Izv. AN Arm. SSR Biol. i sel'khoz. nauki. 9 no.7:15-22 Jl '56.

SEVASTOPOL—VISUAL EDUCATION
Technical study rooms in construction work. S. Kashirin. Prof.-tekh. obr. 13 no.6:30-31 Je '56.

SEVERNYI DZHAR-KUL'—STONE AGE
Pre-Andronovo burial ground in Kazakhstan. A.A. Formozov. Kratk. soob. IIMK no.63:153-155 '56.

SEWAGE—PURIFICATION
(see also subdivision under Europe, Western)
Means of purifying phenol sewage. N.O. Grigoruk. Gig. i san. 21 no.7:8-14 Jl '56.

SEWER DESIGN
"Mule" blueprints of designs for water pipeline and sewerage construction. N.D. Chigrinskaia. Rats. i izobr. predl. v stroi. no.120:32-34 '56.
Standards for design problems of municipal water supply and sewerage systems. Rats. i izobr. predl. v stroi. no.120:35-37 '56.

SEWING MACHINES
Productivity of the sack stitching machine has been doubled. P. Sovenko, V. Astakhov. Musk.-elev. prom. 22 no.5:20 My '56.

SEXUAL HYGIENE see Hygiene, Sexual

SHADR, IVAN DMITRIEVICH
Legacy of an artist. Boris Polevoi. Ogonek 34 no.32:22-24 Ag '56.

SHADRINSK—CAST IRON—HEAT TREATMENT
Reducing the annealing cycle for malleable cast iron in chamber furnaces. I.E. Petridi. Lit. proizv. no.7:31 Jl '56.

SHAFT SINKING
(see also subdivision under Donets Basin)
Efficiency of sinking vertical mine shafts on a cyclical schedule. M.T. Borovkov. Mekh. trud. rab. 10 no.7:29-31 Jl '56.
Rock-loading machines used abroad in vertical shaft sinking. D.M. Khokhlovkin. Gor. zhur. no.7:45-50 Jl '56.

SHAKESPEARE, WILLIAM, 1564-1616
Living portrayals. A.L. Shtein. Teatr 17 no.6:74-82 Je '56.
A poet's notes. Il'ia Sel'vinskii. Teatr 17 no.6:66-74 Je '56.
Shakespeare and the contemporary theater. B. Zingerman. Teatr 17 no.7:117-120 Jl '56.

SHAKH-DAG—GEOLOGY, STRATIGRAPHIC
Age of an effusive and pyroclastic stratum in the northern slope of the Shakh-Dag in the Lesser Caucasus. R.N. Abdullaev. Dokl. AN Azerb. SSR 12 no.5:329-334 '56.

SHALIAPIN, FEDOR IVANOVICH, 1873-1938
Shaliapin at Gorkii's. V. Rozhdestvenskii. Neva no.8:156-162 Ag '56.

SHANGHAI—EXHIBITIONS
Exhibitions in Shanghai. Nar. Kit. no.13:41 Jl '56.

SHANGHAI—INSURANCE, SOCIAL
Workingmen's insurance at the factory. Kitai no.5:14-15 My '56.

SHANGHAI—PIONEERS (COMMUNIST YOUTH)
Shanghai Pioneer Palace. Nar. Kit. no.12:37 Je '56.

SHANGHAI—SOCIAL CONDITIONS
Rebirth of man. Kitai no.6:26-27 Je '56.

SHANGHAI—TECHNICAL EDUCATION
Rebirth of man. Kitai no.6:26-27 Je '56.

SHANGHAI—WARSHIPS—VISITS TO FOREIGN PORTS
Unforgettable five days. Wu Ping-chen, Ting Fu-hai. Nar. Kit. no.14:28-30 Jl '56.

SHAPERS
Modernization of shaper carriages. G.S. Andreev. Stan. i instr. 27 no.8:38 Ag '56.

SHAUMYANA DISTRICT—VETERINARY MEDICINE
Veterinary service for animal husbandry in Shaumyana District. P.K. Ovakimian. Veterinariia 33 no.8:22-24 Ag '56.

SHAVLY, STIKHVAN
A Chuvash poet and his translators ("Main Street." Stikhvan Shavly. Reviewed by N. Dadushkin). Zvezda no.7:180-181 Jl '56.

SHAW, GEORGE BERNHARD, 1856-1950
Ankist, A.A. [Bernard Shaw; on the centenary of his birth] Bernard Shou; k stoletiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1956. 31 p. )Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 18)
Bernard Shaw. N. Bannikov. Rabotnitsa 34 no.7:26 Jl '56.
Bernard Shaw. D. Arlou. Belarus' 13 no.7:28 Jl '56.
Bernard Shaw. Sean O'Casey. Inostr. lit. no.7:107-, 109 Jl '56.
Bernard Shaw, 1856-1956. Aleksandr Anikst. Sov. Soiuz no.7:38 Jl '56.
Bernard Shaw; on the 100 the anniversary of his birth. B. Remizov. Rad. zhin. 11 no.7:19 Jl '56.
Bernard Shaw; on the 100th anniversary of his birth. S. Korsunskaia. Sov. Ukr. 6 no.7:165-167 Jl '56.
Bernard Shaw in Leningrad. V. Zemskov, IU. Khodzhaev. Neva no.7:174-176 Jl '56.
Bernard Shaw in Moscow. V. Zemskov, IU. Khodzhaev. Smena 33 no.14:12-13 Jl '56.
Bernard Shaw in the U.S.S.R. A. Kastryiski, N. Kaminski. Belarus' 13 no.7:28-29 Jl '56.
Famous writer and humanist. N.A. Anosova. Nauka i zhizn' 23 no.7:58-59 Jl '56.
From unpublished letters. Ogonek 34 no.30:14 Jl '56.
George Bernard Shaw. A. Golovenchenko. Lit. v shkole 17 no.4:72-75 Jl-Ag '56.
George Bernard Shaw; 1856-1950. Rad. shk. 35 no.7:84 Jl '56.
A great master of satire. Jack Lindsay. Smena 33 no.14:12-14 Jl '56.
The great master of the drama; on the 100th anniversary of Bernard Shaw's birth. N. Balashov. Ogonek 34 no.30:13 Jl '56.
How to become a Bernard Shaw; in lieu of an anniversary article. A. Anikist. Teatr 17 no.7:127-132 Jl '56.
Our friend. Krest'ianka 35 no.7:20 Jl '56.
Outstanding playwright. Ukraina no.14:25 Jl '56.
Passionate defender of the ideals of peace and democracy. Mykhailo Rudnyts'kyi. Zhovten' 6 no.7:122-125 Jl '56.
Stepniak and Shaw. Ogonek 34 no.30:14 Jl '56.

SHCHEDRINSKII, SERGEI PAVLOVICH
Modeller from Bobruysk. I. T'Sivos. Fizk. i sport 26 no.7:6 '56.

SHCHEKINO DISTRICT—VEGETABLE GARDENING
Pay more attention to vegetable gardening. I.M. Semenov. Sad i og. no.7:11-13 Jl '56.

SHCHEPIN, KONSTANTIN IVANOVICH, 1728-1770
S.P. Krasheninnikov and his pupil K.I. Shchepin. V.V. Kuprianov. Bot. zhur. 41 no.4:592-596 Ap '56.

SHCHIPACHEV, STEPAN PETROVICH, 1899-
Dement'ev, Valerii. [Stepan Shchipachev; a sketch of his life and works] Stepan Shchipachev; ocherk zhizni i tvorchestva. Moskva, Sovetskii pisatel', 1956. 156 p.
Tale about a peasant boy ("Birch sap." S. Shchipachev. Reviewed by Efim Doroshi). Znamia 26 no.7:183-187 Jl '56.

SHEARS (MACHINE TOOLS)
The VEN-O electric shears. L.M. Sytykh. Vest. mash. 36 no.7:69 Jl '56.

SHEEP
(see also subdivision under Argentina; Georgia; Kazakhstan; Uruguay)
Castrating rams with Zand's forceps. A.V. Veriegelov. Veterinariia 33 no.7:79 Jl '56.
For further development of sheep breeding. T. Iskakov. Sel'khoz. Kirg. no.4:20-24 Ap '56.

SHEEP (Continued)
Local news. Ovtsevodstvo no. 7:45-46 Jl '56.
Manual on the problems in sheepbreeding ("Increasing the wool productivity of sheep." D. K. Likhnovs'kyi. Reviewed by B. M. Hnedash). Sots. tvar. 28 no. 8:64 Ag '56.
Milk production in crossbred sheep. L. N. Rachkovskii, Sel'khoz. Povol. no. 6:55-56 Je '56.
New method for castrating full-grown rams. A. I. Bek. Ovtsevodstvo no. 7:40-41 Jl '56.
Range-base for keeping sheep. V. Aima. Kolkh. proizv. 16 no. 7:40-41 Jl '56.
"Romanov sheep." IA. Busurin. Ogonek 34 no. 30:18 Jl '56.
3, 7 kilograms of wool per sheep. I. E. Kotlaskin. Mosk. kolkh. 5 no. 6:46 Je '56.

SHEEP—DISEASES AND PESTS
(see also subdivision under Kazakhstan)
Infectious vaginitis in sheep and its control. A. A. Pokudin, N. G. Shatokhin. Kar. i zver. 9 no. 3:47-49 My-Je '56.
Materials on the pathogenesis of haemonchosis in sheep. V. N. Nekliudov, D. V. Bolkhovitinov, Z. F. Sominskii. Veterinariia 33 no. 7:66-69 Jl '56.
The use of hemosporidin and trypaflavin in controlling hemosporidia in sheep. V. M. Eremin. Kar. i zver. 9 no. 3:45-47 My-Je '56.

SHEEP—FEEDING AND FEEDING STUFFS
(see also subdivision under Kazakhstan)
Supplementary feeding of sheep during range fattening. N. IA. Doroshenko, V. I. Ivanenko. Sots. tvar. 28 no. 8:34-36 Ag '56.

SHEEP—INSEMINATION, ARTIFICIAL
Transportation of the semen from record rams. M. A. Tomak. Sots. tvar. 28 no. 8:27-28 Ag '56.

SHEEP BREEDING
(see also subdivision under Balakovo District; Kazakhstan; Moskalenskii District)
For the extensive use of high-fertility rams. M. M. Aslanian. Sots. tvar. 28 no. 8:42-44 Ag '56.
How we raise the productivity of fine-fleeced sheep. I. N. Kalinichenko. Ovtsevodstvo no. 7:30-36 Jl '56.

SHEEP BREEDING—CONGRESSES
All-Union Conference of Agricultural Specialists. Kar. i zver. 9 no. 4:59-61 Jl-Ag '56.

SHEEP BREEDS
(see also subdivision under Armenia; Stalino Province; Uzbekistan)
Essential characteristics of the wool of some new sheep breeds and strains. E. K. Deikhman, N. P. Buzuk, O. V. Kochetova. Trudy TSNIL no. 1:5-54 '55.
Raising Kalinino dual-purpose sheep. S. Vasil'ev. Kolkh. proizv. 16 no. 7:33 Jl '56.

SHEEP-DIP
Mechanized dipping of sheep. M. Kasymov. Sel'khoz. Kirg. no. 4:41-42 Ap '56.

SHEEP SHEARING
Enlarging sheep-shearing stations. M. Lushchikhin. Sel'khoz. Kirg. no. 4:51-56 Ap '56.

SHEET METAL
Effect of the outer parts of the strip on the deformation of metal in rolling. I. M. Pavlov, I. K. Suvorov. Sbor. inst. stali no. 31:177-211 '53.
Using cold-rolled sheets of nonaged steels for stamping body parts of passenger cars. N. S. Zverev. Avt. i trakt. prom. no. 6:31-32 Je '56.

SHEET-METAL WORK
Kukhtarov, V. I. [Cold pressforming] Kholodnaia shtampovka. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 175 p.
Saving metal in forging and stamping plants in the U. S. S. R. P. V. Kamnev. Trudy LIEI no. 8:114-142 '54.

SHEET PILING
Sheet piling used in hydraulic structures. I. I. Dalkhes. Nauka i zhizn' 23 no. 7:51 Jl '56.

SHEET STEEL
Redefining tolerances for steel plates thickness. V. S. Lebedev. Sudostroenie 22 no. 6:5-6 Je '56.

SHEET STEEL—COLD WORKING
Effect of peening of sheet edges on the strength of overlap weldings. B. F. Lebedev. Avtom. svar. 9 no. 3: 95-101 My-Je '56.

SHELL MOLDING (FOUNDING)
Compressor and instrument parts casting in shell molds. A. A. Smirnov, I. N. IUkalov, A. K. Fanbulov. Lit. proizv no. 7:8-10 Jl '56.
Sokolov, N. A. [Shell molding; a survey of foreign literature] Lit'e v obolochkovye formy; obzor inostrannoi literatury. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 195 p.

SHELTERBELTS see Windbreaks, shelterbelts, etc.

SHEN, YEN-PING, 1896-
Mao Tun, B. Lisitsa. Inostr. lit. no. 7:175-181 Jl '56.
Mao Tung. Vl. Rogov. Znamia 26 no. 7:174-182 Jl '56.

SHENG, LI, 1914-
Metal-turner Sheng Li. Kitai no. 6:30-31 Je '56.

SHEVCHENKO, A. S.
"One does not offend friends." A. S. Shevchenko. Reviewed by M. Larionova. Nach. shkola 24 no. 8:60-61 Ag '56.

SHEVCHENKO, TARAS, 1814-1861
Rembrandt and Shevchenko. Platon Bilets'kyi. Ukraina no. 13:15-16 Jl '56.
Shevchenko traditions in Franko's poetry. Ivan Pil'huk. Vitchyzna 24 no. 8:160-171 Ag '56.

SHEVCHENKO, TARAS, 1814-1861—FICTION
Vadetskii, B. [The poet Terezi; a novel] Akyn Terezi; roman. Moskva, Sovetskii pisatel', 1956. 304 p.

SHIELD BUGS see Eurygasters

SHIGELLA PARADYSENTERIAE
Resistance of Shigella paradysenteriae and Escherichia coli to synthomycin. A. V. Levina. Vop. okh. mat. i det. i no. 2:43-45 Mr-Ap '56.
Variation in the sensitivity of dysentery bacteria to synthomycin during a number of years. O. G. Birger, A. D. Guseva. Pediatriia 39 no. 3:25-28 My-Je '56.

SHIGEMITSU, MAMORU, 1887-
People and events. Nov. vrem. 14 no. 31:31 Jl '56.

SHILDA—RAILROADS—STATIONS
Main line to new lands. A. Gorev. Ogonek 34 no. 24:5 Je '56.

SHIP PROPULSION, ELECTRIC see subdivision under United States

SHIPBUILDING
(see also subdivision under Kherson; Leningrad; Moscow)
Base lines in shipbuilding. V. I. Smirnov. Sudostroenie 22 no. 6:22-29 Je '56.
Buzik, V. F., and others. [Work rhythm and uniformity in shipbuilding] Ritmichnost' i ravnomernost' sudostroitel'nogo proizvodstva. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 111 p.
Conference devoted to problems of tolerances in the construction of ship hulls. A. A. Grigor'ev, S. V. Vasiunin. Sudostroenie 22 no. 6:47 Je '56.
Conference of inventors and efficiency experts in the Main Administration of the Shipbuilding Industry. Sudostroenie 22 no. 6:46 Je '56.
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Shipbuilding industry.] Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' nos. 29-34 Jl-Ag '56.
Foreign information on shipping and shipbuilding. Mor. flot 16 no. 6:32 Je '56.
[Handbook on materials and equipment] Spravochnik po materialam i oborudovaniiu. Izd. 2-oe, ispr. i dop. Moskva, Izd-vo "Rechnoi transport."
Vol. I. [Materials] Materialy. 1956. 430 p.
New developments in shipbuilding. V. Kuz'menko. Sots. trud no. 7:72-76 Jl '56.
Notes on scientific and technical conferences held by engineers and shipbuilders in 1955. Sudostroenie 22 no. 5:43-46 My '56.
Some particularities in the design of fishing vessels. L. M. Nogid. Sudostroenie 22 no. 4:1-10 Ap '56.

SHIPBUILDING—ACCOUNTING
"Accounting, calculation, and analysis of economic aspects of shipbuilding and ship repair enterprises." B. V. Ivanov. Reviewed by A. Golovtsov. Bukhg. uchet 15 no. 7:57-59 Jl '56.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—CONGRESSES
Activity of the Scientific Technical Division of the shipbuilding industry. N. L. Lushkov. Sudostroenie 22 no. 4:3 of cover Ap '56.
Conference on the introduction of new techniques. Sudostroenie 22 no. 4:3 of cover Ap '56.
Materials presented at various scientific and technical conferences of technologists and shipbuilders held in 1955. Sudostroenie 22 no. 4:42-43 Ap '56.

SHIPBUILDING—EQUIPMENT AND SUPPLIES
Improving assembly-room operations in a shipbuilding plant. F. I. Ostashevich. Sudostroenie 22 no. 5:40-42 My '56.
Transportation by electric trucks in shipbuilding plants. S. A. Kheifets. Sudostroenie 22 no. 4:40-41 Ap '56.

SHIPBUILDING—STATISTICS
World shipping and shipbuilding (facts and figures). Biek. agit. vod. transp. no 14:47-48 Jl '56.

SHIPBUILDING—SUPPLIES see subdivision under Poland

SHIPBUILDING—TERMINOLOGY
Industrial and technical terminology of Russian shipbuilding in the 18th century. N. I. Barbashev. Trudy Inst. ist. est. i tekh. 8:49-63 '56.

SHIPPING
Annual planning for cargo ship operations. N. Povalinev. Mor. flot 16 no. 6:6-8 Je '56.
Foreign information on shipping and shipbuilding. Mor. flot 16 no. 6:32 Je '56.
India - U. S. S. R. A. Savel'ev. Sov. Soiuz no. 7:25 Jl '56.
Some problems in organizing ship movements. IU. Medvedev, P. Pustovoi. Mor. flot 16 no. 6:8-10 Je '56.

SHIPS
Information concerning the first ships with decks in Russia. S. V. Danilichev. Trudy Inst. ist. est. i tekh. 8:253-254 '56.
"Watergoing" ships in Russia at the beginning of the 15th century. S. V. Danilichev. Trudy Inst. ist. est. i tekh. 8:64-71 '56.

SHIPS—CARGO
Annual planning for cargo ship operations. N. Povalinev. Mor. flot 16 no. 6:6-8 Je '56.

SHIPS—EQUIPMENT AND SUPPLIES see subdivision under Antarctic regions

SHIPS—LAUNCHING
Longitudinal launching of a ship on slips with varying inclination and without ways. A. Seliverstov. Mor. flot 16 no. 6:22-24 Je '56.

SHIPS—MAINTENANCE AND REPAIR
Bronshtein, S. I., and D. G. Ganapol'skii. [Application of unified wholesale prices in ship repairing] Primenenie odnykh optovykh tsen v sudoremonte. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 169 p.
Experience in repairing high-speed gear drives. S. S. Vinogradov. Sudostroenie 22 no. 4:41-42 Ap '56.
Improving the technical operation of ships is a potential for the increase of transportation capacity and profitableness of the fleet. Rech. transp. 15 no. 6:1-3 Je '56.
Preventive maintenance of engines using a step-by-step technique. Rech. transp. 15 no. 6:3-5 Je '56.
Spot welding for the repair of worn parts in ship machinery. L. IA. Popilov. Sudostroenie 22 no. 5:31-33 My '56.
Technical and economic evaluation of the efficacy of assembly methods in repairing series of ships. A. M. Ivlieva. Rech. transp. 15 no. 7:23-26 Jl '56.
Ways of improving the operations of ship repairing enterprises. N. Bykov. Mor. flot 16 no. 6:1-5 Je '56.

SHIPS—PIPE FITTING see Marine pipe fitting

SHIPS, ELECTRICITY ON see Electricity on ships

SHIPS, IRON AND STEEL—CORROSION
Marine corrosion stations abroad. D. S. Neiman. Sudostroenie 22 no. 6:42-44 Je '56.

SHIPS, STABILITY OF see Stability of ships

SHIROKOV, PETR ALEKSEEVICH, 1896-1944
Aleksandr Petrovich Kolol'nikov. B. A. Rozenfel'd. Ist.-mat. issl. no. 9:317-400 '56.

SHKLO—MINERAL WATERS
First study of Shklo mineral springs near Lvov by Wojciech Oczko in 1578. N. A. Oborin. Vop. kur. fizioter. i fiz. kul't. 21 no. 2:64-66 Ap-Je '56.

SHOCK
General electrographic investigation of anaphylactic shock. M. I. Rafiki. Uch. zap. Len. no. 176:203-217 '54.
Intravenous novocaine injection as a method of preventing traumatic shock. A. B. Gerenrot. Voen.-med. zhur. no. 3:83 Mr '56.
Modification of the reaction to certain shock-inducing stimuli in an organism during restoration of vital functions following clinical death. G. L. Liuban. Biul. eksp. biol. med. 42 no. 7:19-22 Jl '56.
Tissue respiration in cases of the prolonged insulin shock. L. S. Cherkasova, M. F. Merazhynski. Vestsi AN BSSR Ser. biial. nav. no. 1:141-150 '56.
Treating shock following burns. G. A. Nasonov. Voen.-med. zhur. no. 6:83-86 Je '56.

SHOCK ABSORBERS
An important part. I. Nikitin. MTS 16 no. 5:43 My '56.

SHOE INDUSTRY
Bonus system for workers in the shoe industry. N. Shelastin. Sots. trud. no. 6:80-83 Je '56.

SHOOTING
Achievements of Soviet marksmen. A. A. Makelmov. Teor. i prak. fiz. kul't. 19 no. 7:495-501 '56.

SHOOTING CONTESTS
Marksmanship training for the Spartakiada. I. Rabinovich. Voen. znan. 31[i.e. 32] no. 5:17-18 My '56.

Pashinin, V.A. [On the firing line] Na ognevom rubezhe. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 36 p.

Zevin, A.M., and V.V. Iodko, [Marksmanship competitions; organization and management] Strelkovye sorevnovaniia; organizatsiia i provedenie. Moskva, Izd-vo DOSAAF, 1956. 150 p.

SHOPLO, E.A., 1891-1951
E.A. Shoplo, 1891-1951; fifth anniversary of his death. Akust. zhur. 2 no. 2:223 Ap-Je '56.

SHORE LINES
(see also subdivision under Baikal, Lake; Crimea; Tsimlyanskaya Reservoir; Volga Delta; Volga River)
Main conditions and problems in the study of the dynamics of marine shore lines. V.V. Longinov. Trudy Inst. geog. 68:166-175 '56.

SHORE PROTECTION see subdivision under Caucasus; Netherlands

SHORTWAVE RADIO see Radio, Shortwave

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-
The beginning of a creative career. I. Glikman. Zvezda no. 9:185 S '56.
Realization of a great conception. D. Oistrakh. Sov. muz. 20 no. 7:3-10 Jl '56.

SHOSTKINSKIY DISTRICT—COMMUNITY CENTERS
The club is the supporting base of the party organization. P. Cheshchevoi. Kul't.-pros. rab. 17 no. 8:10-12 Ag '56.

SHOT PEENING
Shot peening the transmission gears of the Moskvich automobile. K.A. Nabatova and others. Avt. i trakt. prom. no. 5:29-31 Je '56.

SHOVELING MACHINES
The P-1 loading shovel. O.F. Balenko, V.M. Bukh. Mekh. sil'. hosp. 7 no. 9:17 S '56.

SHOWER BATHS
Attachment to showers for treating wounded on stretchers. L.D. Granovskii. Voen.-med. zhur. no. 5:84 My '56.

SHPAKOVSKII, ALEKSANDR IL'ICH, 1823-1881
Aleksandr Il'ich Shpakovskii. L.D. Bel'kind. Elektrichestvo no. 6:83-84 Je '56.

SHRUBS
(see also subdivision under Sevan region)
Introducing shrubs in shelterbelts. IU.E. Pukhtinskii. Agrobiologiia no. 3:141-142 My-Je '56.

SHRUBS—DISEASES AND PESTS
Developmental cycles of Otthia lycii sp. nov. and Cucurbitaria variana Hazsl. on Lycium barbarum L. M.IA. Zerova. Ukr. bot. zhur. 13 no. 1:75-91 '56.

SHTOK, ISIDOR
Your new play? Teatr 17 no. 6:172-173 Je '56.

SHUBIN, ALEKSEI IVANOVICH
Concerning the tale by A.I. Shubin. Anna Karavaeva. Novyi mir 32 no. 7:242-245 Jl '56.

SHUBNIKOVA, OL'GA MIKHAILOVNA, 1864-1956
Ol'ga Mikhailovna Shubnikova. E.M. Bonshtedt-Kupletskaia. Min. sbor. no. 9:404-406 '55.
Ol'ga Mikhailovna Shubnikova; obituary. N.A. Smol'ianinov. Zap. Vses. min. ob-va 85 no. 2:262-264 '56.

SIBERIA—APPLE
Apple breeding in Siberia. V.A. Shevchenko. Sad i og. no. 6:53-54 Je '56.

SIBERIA—COMMUNITY CENTERS
Letter to our Siberian comrades. Kul't.-pros. rab. 17 no. 8:29-30 Ag '56.

SIBERIA—DESCRIPTION AND TRAVEL
Facing the unexplored. Boris Zhutovskii. Mol. mira no. 4:8-9 '56.

SIBERIA—ECONOMIC CONDITIONS
Siberia is waiting for new settlers. G. Markov. Kul't.-pros. rab. 17 no. 7:2-5 Jl '56.
Siberian spring. G. Kubiitskii. Rabotnitsa 34 no. 8:1-4 Ag '56.
Siberia's tomorrow. Sov. Soiuz no. 5:6 My '56.
To the young masters of Siberia. V.S. Nemchinov. Mol. kolkh. 23 no. 7:1-3 Jl '56.
Transformation of Siberia. I. Avramenko. Nova no. 7: 3-5 Jl '56.

SIBERIA—ECONOMIC POLICY
Outlook for the development of productive forces in Siberia and the Urals. V. Nemchinov. Plan. khoz. no. 3: 68-81 '56.

SIBERIA—GAME PROTECTION
Effective measures are needed. A. Khnychev. Okh. i okh. khoz. no. 7:12 Jl '56.

SIBERIA—GEOLOGY, STRATIGRAPHIC
Problems of pre-Cambrian deposits at the meeting on Siberian stratigraphy. M.P. Semenenko. Geol. zhur. 16 no. 2:82-86 '56.

SIBERIA—GRAIN
System of operations for newly harvested grain in Siberia. N. Lisovskii, M. Tikhonov. Muk.-elev. prom. 22 no. 7:8-9 Jl '56.

SIBERIA—HARVESTING
More on stage harvesting of grain crops. M. Karpenko. Kolkh. proizv. 16 no. 6:23-24 Je '56.
What we learned from the experience gained in Siberia. A.D. Login. Nauka i pered. op. v sel'khoz. no. 6:8-11 Je '56.

SIBERIA—HYDROELECTRIC POWER STATIONS
Siberian power. G. Paderin. Sib. ogni 35 no. 3:79-81 My-Je '56.
The sixth five-year plan's construction projects. L. Rotshtein. Nach. shkola 24 no. 8:43-46 Ag '56.

SIBERIA—MIGRATION, INTERNAL
Eastward, Communist Youth League members! Smena 33 no. 12:1 Je '56.
Toward great deeds. Smena 33 no. 13:1 Jl '56.
Write us at our new addresses. Vt. Kanaev. Smena 33 no. 12:2-3 Je '56.

SIBERIA—MOTHS
Siberian silkworms. P.I. Shorokhov. Priroda 45 no. 8:105-107 Ag '56.

SIBERIA—MUSIC
Siberia and the Far East. A. Orfenov. Sov. muz. 20 no. 7:119-121 Jl '56.

SIBERIA—NATURAL RESOURCES
Toward the sun. A. Shamaro. Mol. komm. 14 no. 7: 31-35 Jl '56.

SIBERIA—SEEDS
Hardening seeds the Siberian way. T. Troitskaia. Ogonek 34 no. 34:13 Ag '56.

SIBERIA—TECHNICAL EDUCATION
New technical schools in the Urals and Siberia. Sred. spets. obr. no. 6:8-9 Je '56.

SIBERIA—WHEAT
Growing spring wheat after perennial grasses in Siberia. F. IAnson. Zemledelie 4 no. 7:60-62 Jl '56.
Harvesting of spring wheat in the eastern regions. V.M. Martynov. Priroda 45 no. 8:124-125 Ag '56.
Work practices in growing spring wheat. P. Kalnshnikov. Kolkh. proizv. 16 no. 7:18-19 Jl '56.

SIBERIA, EASTERN—AGRICULTURE
Problems of biology and agriculture in Eastern Siberia; scientific session in Irkutsk. F.E. Reimers. Vest. AN SSSR 26 no. 8:124 Ag '56.

SIBERIA, EASTERN—MOLLUSKS, FOSSIL
Martinson, G.G. [Guide to Mesozoic and Cenozoic fresh water molluska of eastern Siberia] Opredelitel' mezozoiskikh i kainozoiskikh presnovodnykh molliuskov Vostochnoi Sibiri. Moskva, Izd-vo Akademii nauk SSSR, 1956. 91 p.

SIBERIA, WESTERN—AMMONOIDEA
Study of Cretaceous ammonites of the West Siberian Plain. A.E. Glazunova. Mat. VSEGEI no. 9:178-195 '55.

SIBERIA, WESTERN—SWINE
Summer maintenance of swine and raising of young pigs in Western Siberia. P.I. Ternitskii. Svinovodstvo no. 4:5-10 Je 56.

SIBERIAN PLATFORM—GEOLOGY, STRATIGRAPHIC
Stratigraphy and occurrence of the Barytayan series (lower Cambrian) in the southern and eastern edges of the Siberian Platform. N.E. Chernysheva. Mat. VSEGEI no. 2:56-64 '55.

SICILY—HISTORY
"Stages of the Risorgimento in Sicily" [in Italian]. Salvatore F. Romano. Reviewed by IU.P. Lisovskii. Vop. ist. no. 6:185-189 Je '56.

SICILY—SOCIAL CONDITIONS
Words like stones; Sicilian sketches. Carlo Levi. Translated from the Italian by G. Rubtsova. Zvezda no. 9: 124-137 S '56.

SIDEWALKS
Moving sidewalks. S. Vol'berg. Tekh. mol. 24 no. 8: 28-29 Je '56.

SIEVES
Seed sifting with horizontal oscillation of sieves. I.I. Vasylenko. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 4:69-80 '54.

SIGHT
Effect of noise of varying intensity on the steadiness of clear sight. L.I. Seletskaia. Trudy Inst. biol. fiz. no. 1: 178-191 '55.
Effect of the brightness of background and the angle of action of glaring light on complex motor reactions in man. O.L. Kanavets-IAkovleva. Biofizika 1 no. 3: 254-261 '56.
Formation of a conditioned reflex connection between visual and motor analysers with respect to the color and weight of objects. G.K. Gurtovoi, O.F. Telegina. Trudy Inst. biol. fiz. no. 1:200-204 '55.
Perception of the polarization of light by the compound eye of the bee. L.I. Seletskaia. Biofizika 1 no. 2:155-157 '56.
Studying the features of color and stereoscopic vision and making use of them to increase the effectiveness of traffic signs. G.K. Gurtovoi and others. Trudy Inst. biol. fiz. no. 1:136-157 '55.

SIGNALS AND SIGNALING
Luminous signaling. A. Kharakhinin. Muk.-elev. prom. 22 no. 5:24 My '56.

SIGNALS AND SIGNALING, AUTOMOBILE
Studying the features of color and stereoscopic vision and making use of them to increase the effectiveness of traffic signs. G.K. Gurtovoi and others. Trudy Inst. biol. fiz. no. 1:136-157 '55.

SIGNEVICHI—MACHINE-TRACTOR STATIONS
Machine-tractor station park. V. Ladokha. Belarus' 13 no. 7:4-5 Jl '56.

SILAGE see Ensilage

SILANE
Dehydrochlorination of di- and monochloralkylsilane chlorides. Rearrangement of 1, 2-bis-(trichlorosilyl) chloroethane during the dehydrochlorination with aluminum chloride. A.D. Petrov, V.F. Mironov, D. Mashantsker. Izv. AN SSSR, Otd. khim. nauk no. 5:550-558 My '56.
Direct synthesis of alkylpolysilane chlorides. A.D. Petrov, and others. Zhur. ob. khim. 26 no. 5:1248-1254 My '56.
Direct synthesis of silane chlorides from vinylallyl-type chlorides. A.D. Petrov, and others. Zhur. ob. khim. 26 no. 5:1256-1258 My '56.
Halogenation of aromatic silanes. Part 2. Preparation and properties of chloro derivatives of diphenyldichlorosilane. A.IA. IAkubovich, G.V. Motsarev. Zhur. ob. khim. 26 no. 5:1413-1425 My '56.
Interaction of silicochloroform and methyldichlorosilane with benzene. E.A. Chernyshev, A.D. Petrov. Izv. AN SSSR, Otd. khim. nauk no. 5:630-632 My '56.
Lithium-organic synthesis and properties of α- and β-alkenylsilanes. A.D. Petrov, G.I. Nikishin. Zhur. ob. khim. 26 no. 5:1233-1239 My '56.
Photochemical chlorination of phenyltrichlorosilane. A.D. Petrov, and others. Zhur. ob. khim. 26 no. 5: 1230-1233 My '56.
Relative reactivity of the C-Cl bond of α- and γ-chloralkyltrimethylsilanes in reaction with potassium iodide. V.F. Mironov. Dokl. AN SSSR 108 no. 2:266-269 My '56.
Research in the field of synthesis and conversion of oxygen containing silicon organic compounds. Part 3. Interaction of propylene oxide with alkyl (aryl) chlorosilanes. M.F. Shostakovskii and others. Izv. AN SSSR, Otd. khim. nauk no. 5:632-634 My '56.
Synthesis of alkylalkoxysilanes and alkylacetoxysilanes with other groups in the radical. K.A. Andrianov, L.I. Makarova. Izv. AN SSSR, Otd. khim. nauk no. 6:702-706 Je '56.

SILESIA—ECONOMIC CONDITIONS
Plan for the restoration of the Upper Silesian industrial region. Geog. v shkole 19 no. 3:65-67 My-Je '56.

SILICA
The 400° isotherm of the $H_2O$-$SiO_2$ system in the pressure range up to 4000 kg/cm$^2$. N.I. Khitarov. Geokhimiia no. 1:82-86 '56.
Lyophily of disperse systems. Heats of wetting of silica gels with water, ethyl alcohol, and their solutions. A.V. Dumanskyi, IA.P. Mezhennyi, E.F. Nekriach. Dop. AN URSR no. 4:45-50 '49.
Silica gel, properties, application, and methods for its preparation. I.E. Neimark. Usp. khim. 25 no. 6:748-769 Je '56.
Structural changes of a silica-gel catalyst during its poisoning. I.E. Neimark and others. Dop. AN URSR no. 5:27-32 '49.
Surface chemical compound of silica and methanol and its photodissociation (with English summary in insert). L.N. Kurbatov. Zhur. fiz. khim. 30 no. 5:1062-1066 My '56.
Wetting heats of variously hydrated silica gels when wetted by certain organic liquids. G.I. Alexandrova and others. Dokl. AN SSSR 108 no. 2:283-286 My '56.

SILICATES
Catalytic action of certain silicate minerals in the synthesis of carbon monoxide and hydrogen oxide. A.N. Bashkirov and others. Khim. i tekh. topl. no. 3:38-42 Mr '56.
Cathodoluminescence of synthetic silicates and aluminates. P.P. Budnikov. M.I. IUrkov. Dop. AN URSR no. 4:3-11 '48.

SKOMOROKHOV, ALEKSANDR LEONT'EVICH
In the Soviet Union. Veterinariia 33 no. 7:96 Jl '56.

SKULL—WOUNDS AND INJURIES
Visual functions in patients with late aftereffects from brain and skull injuries. T. I. Samsonova. Oft. zhur. 11 no. 1:11-14 '56.

SKYLIGHTS
Assembling roofs of multispan industrial buildings having skylights. S. E. Moldaver. Stroi. pred. neft. prom. 1 no. 6:24-25 Ag '56.

SLAG
Absorption of sulfur by metallurgical limestone in the process of calcination. M. A. Lifshits. Stal. proizv. no. 1:120-123 '56.
Apparatus for the control of exhausted upper slag. A. I. Zektser, N. N. Chernov. Metallurg no. 1:21 Ja '56.
Distribution of chromium between metal and slag of variable composition. B. V. Stark, E. G. Pereverzeva. Sbor. inst. stali no. 31:14-30 '53.

SLAG—ELECTRIC PROPERTIES
Electric conductivity of molten slag during the process of smelting steel in open-hearth furnaces. A. I. D'iakonov. Stal. proizv. no. 1:43-55 '56.

SLAG CONCRETE
Making slag concrete products using activated slag as a base. S. I. Bakhurov. Rats. i izobr. predl. v stroi. no. 130:19-22 '56.

SLATE see subdivision under Carpathian Mountain region

SLAUGHTERING AND SLAUGHTERHOUSES
Disinfection of food industry enterprises. A. A. Poltakov. Veterinariia 33 no. 8:42-47 Ag '56.
Effect of various poultry slaughtering methods on the condition of the carcasses. A. A. Uspenskii, G. A. Fedorova. Trudy VNIIP 5:51-53 '54.
Mechanization in the slaughterhouse processing of rabbits. A. E. Tikhomirov and others. Trudy VNIIP 5:54-59 '54.

SLAVIC LANGUAGES
Borrowings from Slavic in Hungarian. L. Kniezsa. Slaviane no. 8:29-34 Ag '56.

SLAVIC LANGUAGES—GRAMMER—HISTORY
Teachings on parts of speech in the earliest literary memorials of the eastern Slavs. N. I. Rosenshtraukh. Dop. ta pov. L'viv. un. no. 4, pt. 1:61-62 '53.

SLAVIC LANGUAGES—WORD FORMATION
Comparative studies on word formation in Slavic languages in the light of Marxist teachings on linguistics. I. I. Kovalik. Dop. ta pov. L'viv. un. no. 4, pt. 1:47-50 '53.

SLAVIC PHILOSOPHY—CONGRESSES see subdivision under Moscow

SLAVIC POTTERY see subdivision 'Pottery, Slavic' under Popina, Bulgaria

SLAVIC STUDIES see subdivision under Germany, West; Moscow; Poland; Sweden

SLAVIC STUDIES—CONGRESSES see subdivision under Moscow

SLAVIK, FRANTISEK, 1876-
On the occasion of the 80th birthday of professor František Slavik. D. P. Grigor'ev. Zap. Vses. min. ob-va 85 no. 2:135-138 '56.

SLEEP
Importance of the duration of sleep for its effectiveness in restorative processes. N. I. Vakoliuk. Fiziol. zhur. [Ukr.] 1 no. 1:54-60 Ja-F '55.
Significance of sleep in connection with diseases of the nervous system. IA. M. Kraevskii. Priroda 45 no. 7:24-30 Jl '56.
Studying unconditioned vascular reflexes in patients with symptoms of narcolepsy. P. B. IAnchenko, M. S. Bychkov, D. L. Dligach. Voen.-med. zhur. no. 9:71-72 S '56.

SLEEP—THERAPEUTIC USE
"Electronarcosis" IU. B. Khudyi. Nauka i zhizn' 23 no. 7:63 Jl '56.
Immediate results of sleep therapy for peptic ulcer. S. A. Samsonov. Voen.-med. zhur. no. 3:86 Mr '56.
Materials on the problem of the effect of prolonged sleep on the course of clinical and experimental hypertension. M. I. Hurevych, M. V. Il'chevych. Fiziol. zhur. [Ukr.] 1 no. 1:40-45 Ja-F '55.
Sleep and its therapeutic importance. E. I. Chernenko. Med. sestra 15 no. 6:6-9 Je '56.

SLIDE RULE
Slide rules for hydraulic calculations of pipes. M. M. Andrianshev. Rats. i izobr. predl. v stroi. no. 129:4-6 '56.

SLIDEFILMS see Filmstrips

SLOBODZEYA DISTRICT—FRUIT CULTURE
Economic aspects of horticulture in Slobodzeya District. I. P. Shevchuk, P. P. Makarenko. Sad. vin. Mold. 11 no. 3:56-59 My-Je '56.

SLONOM DISTRICT—RELIGION
Spread more extensively natural sciences among workers. V. Maiskovskii. Komm. Bel. 28 no. 6:43-45 Je '56.

SLOVAKIA—HISTORY
History of the Slovak national movement in the 1840's. V. A. Matula. Uch. zap. Inst. slav. 12:211-263 '56.

SLUICE GATES
Determining the load on sluice gates during the inflow at the funnels of solid floating bodies. V. I. Polikovskii, R. G. Perel'man. Gidr. stroi. 25 no. 5:31-35 Je '56.

SLUICES
Sluices and locks. L. N. Rusanov. Gidr. stroi. 25 no. 5:59-63 Je '56.

SMALLPOX
Varioloid in milkmaids in connection with smallpox in cows. E. N. Shtiakhov, A. G. Savicheva, A. IA. Khodorovskii. Zhur. mikrobiol. epid. i immun. 27 no. 7:55-58 Jl '56.

SMBAT SPARAPET (GUNDSTABL'), fl. 13th century
Interesting information about the activity of Smbat Sparapet in the realm of culture. A. Galstian. Izv. AN Arm. SSR Obshchestv. nauki no. 7:101-106 Jl '56.

SMELTING
(see also subdivision under Austria; Dnepropetrovsk region; Italy; Konstantinovka; Magnitogorsk)
Absorption of sulfur by metallurgical limestone in the process of calcination. M. A. Lifshits. Stal. proizv. no. 1:120-123 '56.
A change in technological instructions on the smelting of steel. O. N. Sokolov. Metallurg no. 7:35-37 Jl '56.
Electric conductivity of molten slag during the process of smelting steel in open-hearth furnaces. A. I. D'iakonov. Stal. proizv. no. 1:43-55 '56.
High-speed smelting of steel from high-phosphorus pig iron. F. F. Sviridenko, B. A. Sharov, L. G. Fetisov. Metallurg no. 3:28-32 Mr '56.
Smelting chromium steel from chrome iron ores. B. G. Petukhov, N. I. Shirokov. Stal. proizv. no. 1:5-22 '56.
Top casting of steel through two stopper tubes. I. A. Tkachenko and others. Metallurg no. 5:29-32 My '56.
Vacuum techniques used in metallurgy. B. V. Linchevskii. Metallurg no. 7:3-6 Jl '56.

SMELTING—EQUIPMENT AND SUPPLIES
Mechanization and automatization of steel pouring. A. P. Varshavskii, A. N. Fotev. Metallurg no. 5:30-40, 3 of cover My '56.
Work organization for the preparation of teeming ladles. L. A. Smirnov. Metallurg no. 5:28-29 My '56.

SMELTING FURNACES
Automatization of flame furnaces in nonferrous metallurgy. M. N. Granovskaia. TSvet. met. 29 no. 6:44-46 Je '56.
Distribution of gas pressure on walls in triple-fired holding furnaces. A. I. Vashchenko. Sbor. inst. stali no. 31:242-254 '53.

SMIRNOV, S. S.
The Brest theme and its heroes ("The glorious citadel," K. Gubarevich; "Fortress on the Bug." S. S. Smirnov. Reviewed by V. Chalmaev). Druzh. nar. no. 6:171-177 Je '56.

SMIRNOVA, LIDIIA ALEKSANDROVNA
President of a Red Crescent district committee. G. Bolarinov. Sov. kras. krest 6 no. 3:6 My-Je '56.

SMOLENSK—BOOKSELLERS AND BOOKSELLING
More about topic plans and forms. M. Cheval'. Sov. knizh. torg. no. 7:10 Jl '56.

SMOLENSK—THEATER
Meetings in Smolensk. M. Tokareva. Teatr 17 no. 8: 113-119 Je '56.

SMOLENSK PROVINCE—HISTORY
Work of Smolensk historians. N. V. Andreev, I. N. Nemanov. Vop. ist. no. 5:210-211 My '56.

SMOLIAKOV, NIKOLAI SEMENOVICH, 1902-1956
N. S. Smoliakov; obituary. Sel. i sem. 21 no. 2:64 '56.

SMOTRICH RIVER—HYDROELECTRIC POWER STATIONS
Construction of a pressure tunnel of a small hydroelectric power plant on the Smotrich River. IA. E. Snitsar. Gidr. stroi. 25 no. 5:48-49 Je '56.

SMYRNOVA-ZAMKOVA, OLEKSANDRA IVANIVNA, 1880-
Oleksandra Ivanivna Smyrnova-Zamkova; on her 75th birthday. R. IE. Kavets'kyi. Fiziol. zhur. [Ukr.] 1 no. 3:3-6 My-Je '55.

SNAILS AS CARRIERS OF DISEASES see subdivision under Carpathian Mountains

SNAKES see Serpents

SNOW
(see also subdivision under Desna Valley; Kazakhstan; Nalchik; Terskei Ala-Tau)
Albedo of snow cover. G. K. Sulakvelidze. Trudy Inst. geofiz. AN Gruz. SSR 12:163-178 '53.
Determining the steady rate of fall of snowflakes. I. V. Litvinov. Izv. AN SSSR. Ser. geofiz. no. 7:853-856 Jl '56.
Methods for snow retention on fields. V. I. Ihnatenko. Mekh. sil'. hosp. 7 no. 1:15-17 Ja '56.
Mustard buffer strips are an effective measure for snow retention. M. N. Chernikov. Zemledelie 4 no. 7:104-105 Jl '56.

SOAP
Naphtha soap as a plasticizer for mortars. N. A. Popov, M. I. Khigerovich. Rats. i izobr. predl. v stroi. no. 137: 13-15 '56.
Pitch soap as a plasticizer for mortars and concrete. E. I. Arieli, V. I. Soroker. Rats. i izobr. predl. v stroi. no. 137:9-10 '56.
Soapstock waste as a mortar plasticizer. P. E. Dreling. Rats. i izobr. predl. v stroi. no. 137:7-8 '56.
Tar soap as a plasticizer for mortars. E. E. Fraifel'd. Rats. i izobr. predl. v stroi. no. 137:11-12 '56.
Why and how? Pioner no. 6:66-67 Je '56.

SOAP—BIBLIOGRAPHY see Bibliography—Soap

SOCCER
(see also subdivision under Donets Basin; Kiev; Moscow)
About soccer. Sov. Soiuz no. 6:38-39 Je '56.
Biography of a scratch team. M. Martynov. Ogonek 34 no. 26:28-29 Je '56.
Meeting of future soccer experts. Mol. mira no. 6:8 '56.
On soccer fields. G. Apukhtin. Smena 33 no. 12:24 Je '56.
Our picked team. G. Kachalin. Sov. Soiuz no. 6:16-17 Ag '56.
Struggle for the cup. A. Kaurov. Vozhatyi 32 no. 7:54-55 Jl '56.
Three soccer matches with a Brazilian team. Ogonek 34 no. 27:29 Jl '56.

SOCHI—MINERAL WATERS, SULFUROUS
Treating some paresthetic forms of neuralgia at the Sochi-Matsesta health resort. V. L. Kachaev. Voen.-med. zhur. no. 6:56-59 Je '56.

SOCHI—THERAPEUTICS, PHYSIOLOGICAL
Indications and contraindications for the treatment of hypertension at the Sochi-Matsesta health resort. N. E. Filinov. Voen.-med. zhur. no. 6:56-60 Je '56.
"Sochi, the all-Union health resort." M. M. Shikhova. Reviewed by K. F. Kanareikin, L. A. Kunichev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:70-72 Ap-Je '56.

SOCIAL GROUP WORK
This is not the way to train special workers. I. Rubanovich. Kul't.-pros. rab. 17 no. 8:25-27 Ag '56.

SOCIAL INSURANCE see Insurance, Social

SOCIAL LIFE AND CUSTOMS see subdivision under Tajikistan

SOCIAL SCIENCES see subdivision under Kirghizistan; Moscow

SOCIAL SCIENCES—STUDY AND TEACHING
For a creative realization of the historical decisions of the 20th Congress Party. Vest. Mosk. un. 11 no. 4:3-7 Ap '56.
A higher quality of printed lectures in the social sciences. V. I. Turusov, IU. I. Bobrakov. Vest. vys. shkoly 14 no. 7:52-58 Jl '56.
New aspects of the teaching program in social sciences. Vest. vys. shkoly 14 no. 7:1-5 Jl '56.
Teaching social sciences in colleges and universities. Vest. vys. shkoly 14 no. 7:40 Jl '56.

SOCIALISM
Charles Fourier's "social philosophy" as a subject of historical study. I. I. Zil'berfarb. Vop. ist. no. 5:58-76 My '56.
Spiridonova, N. S. [The production of goods, the law of value and money in socialism] Tovarnoe proizvodstvo, zakon stoimosti i den'gi pri sotsializme. [Moskva] Moskovskii rabochii, 1956. 95 p.

SOCIALIST COMPETITION
Assume and discharge the obligation. V. Konotop. Mosk. prop. 13 no. 5:44-47 My '56.
In the Ministry of Agriculture of the U. S. S. R. Gidr. i mel. 8 no. 6:62 Je '56.
Let's fulfill our obligations in the competition. Blok. agit. no. 26:42-45 S '56.
Ministry of Agriculture of the U. S. S. R. Gidr. i mel. 8 no. 7:63-64 Jl '56.
Petrov, P. S. [Organization of socialist competition in industrial enterprises] Organizatsiia sotsialisticheskogo sorevnovaniia na promyshlennom predpriiatii. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8. Ekonomika promyshlennosti, vyp. 1, no. 7)
Socialist competition among friends. G. Doroshchenkov. Kolkh. proizv. 16 no. 6:5-6 Je '56.

SOCIALIST COMPETITION (Continued)

Socialist competition among the state Karakul farms of two republics. Kar. i zver. 9 no. 4:63 Jl-Ag '56.

With the initiators of socialist competition. Kolkh. proizv. 16 no. 5:3-4 My '56.

SOCIALIST PARTY see subdivision under Germany

SOCIALISTS see subdivision under Latvia

SOCIOLOGY, RURAL see subdivision under Agdam District; Azerbaijan

SODIUM ALUMINATE

Sodium aluminate as a stabilizing and thickening additive for mortars and concretes. Rats. i izobr. predl. v stroi. no. 137:33-35 '56.

SODIUM ARSENITES

Oxidation of sodium arsenite in aqueous solutions. D. IA Evdokimov. Ukr. khim. zhur. 17 no. 2:181-190 '51.

SODIUM CHLORIDE see Salt

SODIUM CHROMATES

Mineralogical composition of the roasted mass in bichromate manufacture. O. I. Pudovkina, M. V. Kireeva. Zhur. priki. khim. 29 no. 6:828-833 Je '56.

SODIUM HYDROXIDE

Mechanism of the interaction of tantalum pentoxide with sodium hydroxide. V.I.Spitsyn, N.N.Shavrova. Zhur. ob. khim. 26 no. 5:1262-1266 My '56.

SODIUM NITRATE

Complexing in the system: $NaNO_3$ - $CO(NH_2)_2$ - $H_2O$. N. N. Khitrova, V. A. Khitrov. Izv. Sekt. fiz. -khim. anal. 27:328-336 '56.

SODIUM SALTS

Irreversible-reciprocal system of sodium and cadmium chlorides and iodides. I.I.Il'iasov, A.G.Bergman. Zhur. ob. khim. 26 no. 5:1288-1296 My '56.

Isotherms of boiling for solutions of ternary systems in the quaternary system: $Na_2SO_4$ - $Na_2CO_3$ - NaCl - $H_2O$. S. Z. Makarov, S. N. Krasnikov. Izv. Sekt. fiz. -khim. anal. 27:367-379 '56.

Physicochemical study of the quaternary aqueous reciprocal system of sodium and potassium nitrates and chlorides. N. N. Khitrova. Izv. Sekt. fiz. -khim. anal. 27:344-357 '56.

Reciprocal systems of sodium and potassium acetates and nitrites, and acetates and nitrates. A. G. Bergman, K. A. Evdokimova. Izv. Sekt. fiz. -khim. anal. 27:296-314 '56.

Solubility isotherm for the system: $2NaHCO_3 + K_2SO_4 \rightleftarrows 2KHCO_3 + Na_2SO_4 + H_2O$ at 50°. N. P. Luzhnaia, S. N. Kosiachkova. Izv. Sekt. fiz. -khim. anal. 27:358-366 '56.

Study of conversions of solid solutions in the system: $Na_2SO_4$ - $Na_2CO_3$. S. Z. Makarov, S. N. Krasnikov. Izv. Sekt. fiz. -khim. anal. 27:268-284 '56.

SODIUM SULFATES

Effect of high concentrations of salts on plants. B. P. Strogonov, E. F. Ivanitskaia, I. P. Cherniadeva. Fiziol. rast. 3 no. 4:319-327 Jl-Ag '56.

SODIUM TANTALATES

Study of aqueous sodium tantalates. V.I.Spitsyn, N.N. Shavrova. Zhur. ob. khim. 26 no. 5:1258-1262 My '56.

SOGDIANS

The army and armament of the Sogdians on the eve of and during the fight against the Arab invasion. A. Dzhalilov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8: 81-95 '56.

SOIL—ANALYSIS

Fluoride content of the soil and vegetables in the district of a superphosphate factory. Z. IA. Lindberg. Vop. pit. 15 no. 4:41-45 Jl-Ag '56.

SOIL, MINERALS IN see Minerals in soil

SOIL BINDING see subdivision under Dnieper Valley

SOIL BIOLOGY—BIBLIOGRAPHY see Bibliography—Soil biology

SOIL CHEMISTRY

Exchange of ash substances between trees and the soil. P. S. Pohrebniak. Dop. AN URSR no. 3:27-33 '48.

SOIL CHEMISTRY—BIBLIOGRAPHY see Bibliography—Soil chemistry

SOIL COLLOIDS

Studies on soil plasticity in China [with English summary in insert]. K. Hou, S. Chang. Pochvovedenie no. 5:17-24 My '56.

SOIL CONSERVATION

Soil conservation and erosion control are important tasks of the government. V. IA. Koldanov, A. K. Pankov. Les. khoz. 9 no. 6:30-40 Je '56.

SOIL CULTIVATION see Tillage

SOIL DISINFECTION

"Microorganisms and soil self-purification." E. N. Mishustin, M. I. Pertsovskaia. Reviewed by L. I. Mats. Zhur. mikrobiol. epid. i immun. 27 no. 7:103-104 Jl '56.

SOIL EROSION see Erosion

SOIL FERTILITY—BIBLIOGRAPHY see Bibliography—Soil fertility

SOIL HEATING

Electric heating of hotbeds. S. I. Petruchenia, M. I. Vereskun. Mekh. sil'. hosp. 7 no. 1:30-31 Ja '56.

Naisentov, D. I., and others. [Greenhouses, hotbeds, and heated soil] Teplitsy, parniki, uteplennyi grunt. [Moskva] Moskovskii rabochii, 1956. 240 p.

New method of heating hotbeds. E. D. Korol'kov. Mosk. kolkh. 5 no. 7:28-29 Jl '56.

SOIL INOCULATION

Conference on problems pertaining to bacterial fertilizers. O. P. Vyletnikova. Ud. i ur. 1 no. 5:63-64 My '56.

Instructive book on the use of bacterial fertilizers ("How to use bacterial fertilizers." E. F. Berezov and others. Reviewed by F. V. Emel'ianov). Ud. i ur. 1 no. 5:62 My '56.

Nodule formation in pulse crops sown for green manuring in the trans-Volga region. P. K. Lampovshchikov. Dokl. Akad. sel'khoz. 21 no. 6:27-31 '56.

Phosphorobacterin and conditions for its application. R. A. Menkina. Ud. i ur. 1 no. 5:25-28 My '56.

SOIL MECHANICS

Babkov, V.F., and A.V.Gerburt-Gelbovich. [Principles of soil engineering and soil mechanics] Osnovy grunto-vedeniia i mekhaniki gruntov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 307 p.

Building trenches in water saturated soils. G. T. Dadaev. Gidr. stroi. 25 no. 4:56-57 My '56.

Characteristics of the fluidity of sandy water-saturated soils under conditions of compaction and drainage. P. L. Ivanov. Izv. AN SSSR, Otd. tekh. nauk no. 8:65-71 Ag '56.

Determining soil compactness by gamma ray investigation. K. V. IUr'ev, P. N. Kodochigov. Gidr. stroi. 25 no. 6:36-41 Jl '56.

Effect of loading on the dilution of water saturated sandy foundations. P. L. Ivanov. Gidr. stroi. 25 no. 6:42-45 Jl '56.

Effect of vibrations on the resistance of ground to cutting. N. S. Shkurenko. Trudy NII osn. i fund. no. 28:37-40 '56.

Effect of vibrator oscillations on the compression of the ground while driving sand piles. E. V. Svetinskii. Trudy NII osn. i fund. no. 28:32-36 '56.

Lateral pressure in sandy soils. S. A. Frid. Gidr. stroi. 25 no. 3:55-56 Ap '56.

Planning and constructing buildings over mines. A. P. Mandrikov. Stroi. prom. 34 no. 7:30-34 Jl '56.

Soil compaction in stamping and compression tests and their effect on soil mechanics data. A. S. Fokht, I. I. Cherkasov. Izv. AN SSSR. Otd. tekh. nauk no. 8:55-64 Ag '56.

Structural strength of slimy soils. V. I. Savel'ev. Gidr. stroi. 25 no. 6:46-48 Jl '56.

Using analytic solution in calculating the resistance of slopes along circular-cylindrical slide surfaces. Tai Ho-sheng. Gidr. stroi. 25 no. 3:53-55 Ap '56.

SOIL MICRO-ORGANISMS

Characteristic features of the biology of the fungus Pythium de Baryanum Hesse and ways for suppressing it in the soil. T. V. Pestinskaia. Bot. zhur. 41 no. 4: 571-575 Ap '56.

"Microorganisms and soil self-purification." E. N. Mishustin, M. I. Pertsovskaia. Reviewed by L. I. Mats. Zhur. mikrobiol. epid. i immun. 27 no. 7:103-104 Jl '56.

Nitrogen-fixing activity of some soil actinomyces. M. V. Federov, T. K. Kudriashova. Dokl. AN SSSR 108 no. 2: 345-348 My '56.

SOIL MICRO-ORGANISMS—BIBLIOGRAPHY see Bibliography—Soil micro-organisms

SOIL MOISTURE

Characteristics of the connection between gas exchange and the accumulation of dry substance in plants growing under different conditions. E. N. Mikhaleva. Trudy Bot. inst. Ser. 4 no. 11:116-164 '56.

Constant laws in the transmission of soil heat and moisture within a cycle of 24 hours [with German summary in insert]. D. N. Onchukov. Pochvovedenie no. 5:25-30 My '56.

Corn cultivation and soil moisture [with French summary in insert]. D. V. Druzhinin. Pochvovedenie no. 5:43-49 My '56.

Daily variation of moisture in arid soils. E. N. Blagoveshchenskii. Dokl. AN Tadzh. SSR no. 14:35-42 '55.

Improve observations on soil moisture. V. V. Sinel'shchikov. Meteor. i gidrol. no. 6:44-47 Je '56.

Supplementary intertillage in humid [illegible] F. A. Lut. Sakh. ovoch. no. 5:35-36 Jl '56.

Water relations of soils [with French summary in insert] A. A. Rode. Pochvovedenie no. 4:1-23 Ap '56.

SOIL PERCOLATION

Calculating filtration in a three-layer medium [illegible] Sheratakov. Gidr. stroi. 25 no. 4:53-54 Ap '56.

Calculation of horizontal anisotropy of the [illegible] determining seepage flow under hydraulic [illegible] G. F. Ruban. Gidr. i mel. 8 no. 6:33-36 Je '56.

Control of water filtration from channels by [illegible] of explosives. D. M. Kushmarev, M. I. [illegible] stroi. 25 no. 6:33-36 Jl '56.

Filtration through a dam having a drainage [illegible] meable and impermeable foundations. [illegible] Skornikov. Gidr. stroi. 25 no. 5:20 Je '56.

Nomogram for calculating coefficients of [illegible] flow in boreholes according to experimental [illegible] data. V. I. Ronzin. Rats. i izobr. predl. v stroi. no. 129:10-21 '56.

Transfer of hydrostatic pressure in contact between particles of clayey soil. G. B. Lappo. Izv. AN Kazakh SSR no. 3:27-43 Mr '56.

SOIL PHYSICS

Distribution of pressure in the ground during [illegible] N. A. Vanylenko. Nauch. trudy inst. mash. i [illegible] mekh. AN URSR 4:92-102 '54.

Effect of arborescent plants on the structure of [illegible] soils. P. P. Pokhilko. Dop. AN URSR no. 4:[illegible]

SOIL PHYSICS--BIBLIOGRAPHY see Bibliography—Soil physics

SOIL RESEARCH see subdivision under Czechoslovakia; Hungary; Poland; Rumania

SOIL RESEARCH--CONGRESSES

All-Union Conference of Soil Scientists in Moscow, Jan. 28-Feb. 4, 1956. Pochvovedenie no. 4:[illegible] Ap '56.

Resolutions of the All-Union Conference of Soil Scientists of Jan. 28-Feb. 4, 1956. Pochvovedenie no. [illegible] Ap '56.

SOIL STABILIZATION

Control of soil solidification in the field [illegible] N. IA. Kharkhuta. Avt. dor. 19 no. 6:[illegible] Je '56.

Control of water filtration from channels by [illegible] of explosives. D. M. Kushmarev, M. I. [illegible] stroi. 25 no. 6:33-36 Jl '56.

Creep phenomena in soil skeletons during [illegible] consolidation. S. A. Roza. Gidr. stroi. [illegible] Je '56.

Electro-consolidation of weak clayey and [illegible] in installation in France. I. I. Kurdenkov. [illegible] i fund. no. 17:73-92 '52.

Electroosmosis in soils having different [illegible] content. L. K. Terzinskaia. Trudy NII osn. i fund. no. 17:63-72 '52.

Experience with solidifying saline clayey [illegible] Matylev. Avt. dor. 19 no. 6:6-11 Je '56.

Physicochemical methods of transforming soils [illegible] B. A. Rzhanitsyn. Trudy NII osn. i fund. [illegible] '52.

Single mixture process of stabilizing [illegible] V. V. Ankalonov. Trudy NII osn. i fund. [illegible] '52.

Testing the single mixture process of stabilizing [illegible] sands under field conditions. E. N. Chaikina. Trudy NII osn. i fund. no. 17:34-40 '52.

SOIL TEMPERATURE
(see also subdivision under Moscow)

Constant laws in the transmission of soil heat and moisture within a cycle of 24 hours [with German summary in insert]. D. N. Onchukov. Pochvovedenie no. 5:25-30 My '56.

Determining the soil temperature on the basis of [illegible] temperature during planting and germination [illegible] IU. I. Chirkov. Meteor. i gidrol. no. 6:33-34 Je '56.

Soil temperature in corn fields without hills and [illegible] high hilling. M. Ovchinnikov, O. Nekhotenina. Mosk. kolkh. 8 no. 6:47 Je '56.

SOILS
(see also subdivision under Buryat-Mongolia; China, Northeast; Germany; Oka River; Saratov Province; Terskei Ala-Tau; Zeya-Bureya Plain)

Improvement of soil borings. I. L. Karasakli. [illegible] gidrol. no. 6:47-48 Je '56.

Liming soils with defecation slime. E. A. Brekhna. Sakh. ovoch. no. 4:24-26 Je '56.

More about the role of forests in the formation of soils. N. P. Remezov. Pochvovedenie no. 4:70-72 Ap '56.

Problem of irrigating soils with a pebbly subsoil [with German summary in insert]. V. I. Sreda. S. F. Dolgov, F. R. Zaidel'man. Pochvovedenie no. [illegible] 70 My '56.

Soil conditions in old orange groves [with German summary in insert]. G. A. Kostava. Pochvovedenie no. 5: 57-66 My '56.

Soil science excursions in secondary schools. V. Kalmykova. Geog. v shkole 19 no. 3:43-47 My Je '56.

SOILS—ANALYSIS
(see also subdivision under Chu Valley; Keyazma Valley; Kzyl-Orda Province)
Eccentric percussion soil sampler. I. A. Turiun. Pochvovedenie no. 4:86-80 Ap '56.
Use of roentgenography and infrared spectroscopy in analyzing the structure of humus substances[with French summary in insert]. V. I. Kasatochkin, O. I. Zil'berbrand. Pochvovedenie no. 5:80-85 My '56.
Using Trilon "B" soil analysis [with German summary in insert]. K. V. Vertigina. Pochvovedenie no. 5:117-124 My '56.

SOILS—BACTERIOLOGY
Interrelations between Azotobacter and some soil bacteria. Report no. 1. L. I. Rubenchyk, O. I. Bershova, Kh. H. Zynov'ieva. Mikrobiol. zhur. 9 no. 4:3-10 '48.
The role of bacteria in plant nutrition. O. Sergeeva. Nauka i zhizn' 23 no. 8:9 Ag '56.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CLASSIFICATION
Achievements of the Polish soil science in the last decade. A. IA. Muserovich. Pochvovedenie no. 5:98-106 My '56.

SOILS—MAPS
Agrochemical soil map and its use. M. Malyshkin, N. Smirnov. Kolkh. proizv. 16 no. 7:16-17 Jl '56.

SOILS—MAPS—BIBLIOGRAPHY see Bibliography—Soils—Maps

SOILS, PODZOLIC see Podzol

SOILS AND CLIMATE
Climate and soils [with German summary in insert]. V. R. Volobuev. Pochvovedenie no. 4:24-37 Ap '56.

SOKAL'DISTRICT—DAIRYING
My obligation will be carried out. M. M. Omel'ko. Sots. tvar. 28 no. 8:19-21 Ag '56.

SOKOLOV, VIKTOR
"Working hands." Viktor Sokolov. Reviewed by Stepan Litvin. Sov. Ukr. 6 no. 6:183-184 Je '56.

SOLAR BATTERIES
Solar batteries (on the direct conversion of radiation energy into electrical energy by means of photoelectric cells). V. S. Vavilov. Atom. energ. no. 3:107-110 '56.

SOLAR CORONA see Sun—Corona

SOLAR ECLIPSES see Eclipses, Solar

SOLDER AND SOLDERING
Aging of tin-lead solders and of joints soldered by them. A. S. Medvedev. Metalloved. i obr. met. no. 7:16-23 Jl '56.
Soldering the commutator risers of the armature winding of an exciter without dismantling the hydrogenerator. S. I. Sumishevskii. Energetik 4 no. 7:22 Jl '56.
Ultrasonic soldering iron. V. Georgiev. Radio no. 7:57-58 Jl '55.

SOLDIERS
(see also subdivision under Korea, South)
Watchfulness is a weapon of the Soviet soldier. L. Savel'ev. Voen. znan. 31[i. e. 32] no. 5:10-11 My '56.

SOLIDIFICATION
Approximate theoretical solution for convection heat-exchange problems related to fusion and solidification. A. Tkachev. Khol. tekh. 33 no. 2:50-54 Ap-Je '56.
Effect of superheating of liquid steel on its crystallization. D. S. Kamenetskaia, I. B. Piletskaia, E. P. Rakhmanova. Fiz. met. i metalloved. 2 no. 2:254-258 '56.
Investigating the recrystallization of the titanium and its alloys. E. M. Savitskii, M. A. Tylkina, A. N. Turanskaia. Izv. AN SSSR. Otd. tekh. nauk no. 7:111-114 Jl '56.
Investigation of recrystallization of titanium and its alloys. IU. A. Zol'ev and others. Izv. AN SSSR. Otd. tekh. nauk no. 8:135-138 Ag '56.

SOLIDS
Direct measurements of molecular attraction between solids in vacuo. B. V. Deriagin, I. I. Abrikosova. Dokl. AN SSSR 108 no. 2:214-217 My '56.
Investigating thermoelectric emission during transition from the solid to the liquid state. V. G. Bol'shov. Zhur. tekh. fiz. 26 no. 6:1150-1162 Je '56.

SOLONETZ SOILS
Plow for the basic improvement of Solonetz soils. T. G. Botov. Sel'khoz. Povol. no. 7:64-66 Jl '56.
Three-level plowing for the improvement of steppe solonetz soils. N. K. Baliaba, M. I. Blinov, B. S. Gutina. Sel'khoz. Povol. no. 7:24-27 Jl '56.

SOLOV'EV, VASILII PAVLOVICH, 1907-
Life teaches. V. Solov'ev-Sedoi. Neva no. 7:156-163 Jl '56.

SOLUTION (CHEMISTRY)
Gold calorimeter with sensitivity of 0, 00005° for studying the thermochemistry of solutions. Investigation of the heat capacity of cesium iodide solutions with a tolerance of 0, 03% (with English summary in insert). A. F. Kapustinskii, I. I. Lipilina, O. IA. Samoilov. Zhur. fiz. khim. 30 no. 4:896-900 Ap '56.
Investigating the molecular dispersion of light in liquid solutions. H. P. Roschina, M. M. Dadenkova. Dop. AN URSR no. 6:448-452 '54.
Micromethod for exact chronometric determination of solution concentrations. E. K. Nikitin, E. N. Ponomarev. Trudy Kom. anal. khim. 7:223-233 '56.
Structure and viscosity of binary solutions and mixtures. O. Z. Halik, S. D. Ravikovych. Dop. AN URSR no. 2:17-23 '49.
Thermal conductivity of aqueous solutions of salts, acids, and alkalies. N. B. Vargaftik, IU. P. Os'minin. Teploenergetika 3 no. 7:11-16 Jl '56.
Viscosity and molecular structure of solutions. A. Z. Golik, S. D. Ravikovich, A. V. Orishchenko. Ukr. khim. zhur. 17 no. 5:627-657 '51.

SOLUTION, HEAT OF see Heat of solution

SOLUTIONS (PHARMACY)
Therapeutic effects of hypertonic solutions in traumatic edema of the brain. K. N. Badmaev. Biul. eksp. biol. med. 41 no. 6:30-35 Je '56.

SOLUTIONS, SOLID
Mechanism of diffusion in solid solutions of substitution. S. M. Hertsriken, I. I. Dekhtiar. Dop. AN URSR no. 5:53-56 '49.
Study of the thermal expansion of solid solutions of ferromagnetic materials in the system: NiO - ZnO - $Fe_2O_3$ and CuO - ZnO - $Fe_2O_3$. A. I. Avgustinik, E. I. Vasil'ev. Zhur. prikl. khim. 29 no. 6:941-944 Je '56.

SOLUTIONS, SUPERSATURATED
Kinetics of crystallization and condensation. O. M. Todes. Probl. kin. i kat. 7:91-122 '49.

SOLVENTS
Efficiency of various techniques used for the analytical fractionation of petroleum products by selective solvents. B. M. Rybak. Khim. i tekh. topl. no. 2:54-60 F '56.
Use of organic solvents immiscible with water in analytical chemistry. Part 1. Extraction of oxyquinolates. F. G. Zharovskii. Ukr. khim. zhur. 17 no. 1:64-75 '51.
Utilization of the immiscibility with water of organic solvents in analytical chemistry. Part 2. Extraction of cupferronates. F. G. Zharovskii. Ukr. khim. zhur. 17 no. 2:209-216 '51.

SOMALILAND, ITALIAN—POLITICS AND GOVERNMENT
The Somali people on the path to self-government. Mezhdunar. zhizn' no. 6:123-125 Je '56.

SONAR
Underwater acoustics. E. Shoshkov. Voen. znan. 31[i. e. 32] no. 5:16 My '56.

SONGS
Docharov, A. G. [The popular Soviet song] Sovetskaia massovaia pesnia. Moskva, Sovetskii pisatel', 1956. 216 p.
Dronov, V. P., and M. A. Rumer, comps. [Solfeggio; a manual for pedagogical institutes] Sol'fedzhio; uchebnoe posobie dlia pedagogicheskikh uchilishch. Moskva, Uchpedgiz.
Pt. 1. [One part] Odnogolosie. Izd. 3-e, 1956. 96 p.
Pt. 2. [Two part] Pervonachal'noe dvukhgolosie. Izd. 2-oe, 1956. 103 p.
[Songs] Pesni. [Stalingrad] Stalingradskoe kn-vo, 1955. 436 p.
(NNC)

SONGS, UKRAINIAN
[The lark; a collection of songs with music for Ukrainian youth, in three parts, with a supplement of gymnastic exercises] Zhaivoronok; sbirnyk pisen' z notamy dlia ukrains'koi molodi u trokh chastynakh z dodatkom rukhankovi vpravy. Vyd. 2-he. Winnipeg, Nakladom "Ukrains'koho holodu," 1952. 149 p.

SORGHUM
Valuable forage crop. I. Dranenko. Kolkh. proizv. 16 no. 5:15-16 My '56.

SORIA, GEORGES
The responsibility of a scientist ("Pride and the cloud" [in French]. Georges Soria. Reviewed by M. Amarova). Nov. vrem. 14 no. 27:30-31 Je '56.

SORREL
Effect of the place of origin of seeds on the nature of the photophase in sorrel. P. F. Kononkov. Agrobiologiia no. 3:128-129 My-Je '56.

SORTING DEVICES
Pneumatic classification of finely pulverized materials. A. M. Polotskii. Khim. nauka i prom. 1 no. 2:199-205 '56.

SOSIURA VOLODYMYR, 1898-
"On the hearts' strings." Volodymyr Sosiura. Reviewed by G. Monastyrenko. Sov. Ukr. 6 no. 6:175-179 Je '56.

SOUND—MEASUREMENT
Regulating the productivity of a mill by sound measurement. E. L. Kritskii, IU. F. Nenarokov, M. G. Zabirov. Gor. zhur. no. 7:37-40 Jl '56.

SOUND—RECORDING AND REPRODUCING
Amplifier unit for general-purpose use. Kinomekhanik no. 7:43-44 Jl '56.

SOUND—VELOCITY
The speed of sound in the gas found in well intercasing space. V. A. Sushilin. Neft. khoz. 34 no. 6:39-41 Je '56.
Velocity of sound in liquids, liquid mixtures and solutions. B. B. Kudriavtsev. Akust. zhur. 2 no. 2:167-172 Ap-Je '56.

SOUND WAVES
Effect of vibration intensity on the shape of acoustic flow. P. N. Kubanskii. Zhur. tekh. fiz. 26 no. 6:1269-1270 Je '56.
Focusing sound waves by means of inhomogeneous media. L. M. Brekhovskikh. Akust. zhur. 2 no. 2:124-132 Ap-Je '56.
The noiseless helper. L. Rozenberg. Smena 33 no. 14: 11 Jl '56.
Nonmirror reflection of sound waves at thin cylindrical shells. L. M. Liamshev. Akust. zhur. 2 no. 2:188-193 Ap-Je '56.
Reflection of sound waves from a vibrating plane. S.S. Volt. Trudy Mosk. mat. ob-va 5:81-88 '56.
Sound reflection at thick bounded plates in liquids. L. M. Liamshev, S. N. Rudakov. Akust. zhur. 2 no. 2:226-230 Ap-Je '56.
Use of layers which eliminate the generation of transverse waves during the reflection of longitudinal waves from solid boundaries. M. A. Isakovich. Akust. zhur. 2 no. 2:150-153 Ap-Je '56.
Wave guide propagation of sound in inhomogeneous media. IU. L. Gazarian. Akust. zhur. 2 no. 2:133-136 Ap-Je '56.
Wave propagation in a medium with random inhomogeneous refraction coefficient; review. V. A. Krasil'nikov, A. M. Obukhov. Akust. zhur. 2 no. 2:107-112 Ap-Je '56.

SOUND WAVES—SCATTERING
On an approximate solution of a problem on sound wave scattering at uneven surfaces. IU. P. Lysanov. Akust. zhur. 2 no. 2:182-187 Ap-Je '56.
Scattering and emission of waves brought forth by statistically inhomogeneous and statistically vibrating surfaces. M. A. Isakovich. Akust. zhur. 2 no. 2:146-149 Ap-Je '56.
Sound wave scattering at sinusoidal and serrate surfaces. A. N. Leporskii. Akust. zhur. 2 no. 2:177-181 Ap-Je '56.

SOUTH KAZAKHSTAN PROVINCE—KARAKUL SHEEP
Achievements of the Zdar'insk State Karakul Farm. Sh. M. Mukhtisulin. Kar. i zver. 9 no. 3:59 My-Je '56.

SOUTH KOREA see Korea, South

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY
SEATO, a new form of colonialism. V. Efimenko. Dal'. Vost. 24 no. 3:160-164 My-Je '56.

SOVEREIGNTY
Works of Finnish lawyers on international law ("The present law of war and neutrality" [in English], E. Castrén; "The sovereignty of states" [in French]. Tauno Suontausta. Reviewed by K. V. Malakhovskii and V. S. Nesterov). Sov. gos. i pravo no. 5:143-146 '56.

SOVCAINE
Quantitative determination of sovcaine and dicaine in aqueous solutions by measuring the surface tension. M. A. Etingor. Ukr. khim. zhur. 17 no. 5:777-780 '51.

SOVIET
(see also subdivision under Gorkiy District (Mogilev Province); Kazakhstan; Ukraine)
Decisions of executive committees of local Soviets stipulating administrative responsibility. I. N. Pakhomov. Dop. ta pov. L'viv. un. no. 4, pt. 1:9-12 '53.
Increase the role of local Soviets in the guidance of economic and cultural activities. V. Kozlov. Komm. Bel. 28 no. 6:22-36 Je '56.

SOVIET—HISTORY
The historical significance of the soviets in 1905. S. M. Ravin. Vest. Len. un. 11 no. 11:90-102 '56.

SOVIET CENTRAL ASIA—ALKALI LANDS
Prospects for using ground water and measures for preventing salt formation in the irrigated area of Central Asia. P. A. Pankratov. Izv. Otd. est. nauk AN Tadzh. SSR no. 6:33-44 '54.

SOVIET CENTRAL ASIA--ANTIQUITIES

Andronova anthropomorphic figures from Central Asia. L. R. Kyzlasov. Krat. soob. IIMK no. 63:14-21 '56.

SOVIET CENTRAL ASIA--CITIES AND TOWNS

Some moments in the development of medieval cities and towns in Central Asia. B. A. Litvinskii. Izv. Otd. ob shchestv. nauk AN Tadzh. SSR no. 4:55-67 '53.

SOVIET CENTRAL ASIA--DESERT FLORA

Renewal of desert solonchaks by seed. L. P. Sinskaya. Dokl. AN Tadzh. SSR no. 4:19-25 '52.

SOVIET CENTRAL ASIA--EARTHQUAKES

Relation of Central Asiatic earthquakes to continued tectonic development of the earth's crust. V. I. Popov. Zap. Uz. otd. Vsesoiuz. min. ob-va no. 7:159-179 '55.

SOVIET CENTRAL ASIA--FOLDS (GEOLOGY)

Counterclockwise rotation of strikes of differently aged structures. V. I. Popov, O. A. Rychkov. Zap. Uz. otd. Vsesoiuz. min. ob-va no. 7:176-187 '55.

SOVIET CENTRAL ASIA--GASTEROPODA, FOSSIL

Some common or related species of Gasteropoda from the Paleogene of Fergana, the northern Aral Sea region, and the Turgai Gates. N. K. Ovechkin. Mat. VSEGEI no. 9:196-206 '55.

SOVIET CENTRAL ASIA--GEOLOGY, STRUCTURAL

Continental blocks (provinces), nuclear and intermediate regions of Central Asia and southern Kazakhstan. V. I. Popov, T. D. Fiin. Zap. Uz. otd. Vsesoiuz. min. ob-va no. 7:91-133 '55.

Some problems of paleomagnetism of Central Asia. S. D. Makarova. Zap. Uz. otd. Vsesoiuz. min. ob-va no. 7:135-140 '55.

SOVIET CENTRAL ASIA--GRAPES--VARIETIES

Growing Central Asiatic grape varieties in Stalingrad Province. Z. L. Kovalenko. Vin. SSSR 16 no. 4:42-44 '56.

SOVIET CENTRAL ASIA--HISTORY

Kulev, Klych. [The struggle of the Communist Party for the consolidation of Soviet power and the realization of a national policy in Central Asia (1917-1925)] Bor'ba Kommunisticheskoi partii za uprochenie sovetskoi vlasti i osushchestvlenie natsional'noi politiki v Srednei Azii (1917-1925 gg.). Ashkhabad, Turkmenskoe gos. izd-vo, 1956. 110 p.

SOVIET CENTRAL ASIA--NUMISMATICS, PERSIAN

Central Asian 10th century silver coins with the names of Khorasan rulers. E. A. Davidovich. Izv. Otd. ob shchestv. nauk AN Tadzh. SSR no. 4:97-108 '53.

SOVIET CENTRAL ASIA--ROAD CONSTRUCTION

Using black crushed stone on Central Asian roads. V. I. Pankratova, N. V. Shcherba. Avt. dor. 19 no. 6:12 Je '56.

SOVIET CENTRAL ASIA--SEISMOLOGY

Some problems of seismotectonics of Central Asia. S. D. Makarova. Zap. Uz. otd. Vses. min. ob-va no. 7:135-140 '55.

SOVIET CENTRAL ASIA--SUGAR BEETS

"Sugar-beet cultivation practices on progressive farms of Central Asia and Kazakhstan." G. I. Gukhar'-Khardindarl'ian. Reviewed by I. M. Vitavskii. Sakh. svekl. no. 5:46-47 Jl '56.

SOVIET CENTRAL ASIA--TERRACING

Mechanized terracing on mountain slopes in Central Asia and southern Kazakhstan. P. K. Kocherga, Iu. M. Serikov. Les. khoz. 9 no. 6:52-59 Je '56.

SOVIET CENTRAL ASIA--WATER, UNDERGROUND

Prospects for using ground water and measures for preventing salt formation in the irrigated area of Central Asia. P. A. Pankratov. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:33-44 '54.

SOVIET CENTRAL ASIA--WELLS

High-speed construction of highly productive wells. P. A. Pankratov. Dokl. AN Tadzh. SSR no. 4:7-11 '52.

SOVIET FAR EAST--AGRICULTURE

Dear friends, we are waiting for you. Mol. kolkh. 33 no. 6:1-2 Je '56.

SOVIET FAR EAST--AUTHORS

To new heights. Iulita Sheatakova. Dal'. Vost. 24 no. 2:158-161 Mr-Ap '56.

SOVIET FAR EAST--COAL

New coal and metallurgical bases in the East. Geog. v shkole 19 no. 3:61-62 My-Je '56.

SOVIET FAR EAST--ECONOMIC CONDITIONS

To the young masters of Siberia. V. S. Nemchinov. Mol. kolkh. 23 no. 7:1-3 Jl '56.

SOVIET FAR EAST--GRAIN ELEVATORS

Technology of processing and storing headed grain varieties in grain procurement stations of the East. V. Dolidovich, G. Kreimerman. Muk.-elev. prom. 22 no. 6:3-6 Je '56.

SOVIET FAR EAST--HEALTH RESORTS, WATERING PLACES, ETC.

In the Far East. F. V. [illegible] Ap '56

SOVIET FAR EAST--IRON INDUSTRY

New coal and metallurgical bases in the East. [illegible] 19 no. 3:61-62 My-Je '56

SOVIET FAR EAST--LAMELLIBRANCHIATA, FOSSIL

New Aucellinae of Upper Jurassic and Lower Cretaceous in the Far East. [illegible] Mat. VSEGEI no. 9:211 '56.

SOVIET FAR EAST--MATHEMATICS

Far Eastern [illegible] no. 7:123-126 Jl '56

SOVIET FAR EAST--MINERALS

Principal conditions for [illegible] the Soviet Far East. [illegible] 11 no. 1:41-50 '56

SOVIET FAR EAST--MUSIC

Siberia and the Far East. A [illegible] no. 7:130-131 Jl '56

SOVIET FAR EAST--NATURAL RESOURCES

Toward the sun. A [illegible] 31:35 Jl '56

SOVIET FAR EAST--SYNAPHIDA, FOSSIL

New species of the genus Kaygorodia Bodylevsky (Syrphidae) from the Far East [Lepidoptera, Rhopalocera, Geometridae]. N. A. Vinokurov. [illegible] My '56

SOVIET UNION see Russia

SOWING

(See also subdivision sowing under the plant)

Effect of sowing time on the quality of spring wheat seeds. L. A. Afanas'eva, T. Kolpashchikova, B. Tikhonchuk. Agrobiologiia no. 3:143-144 My-Je '56

Mechanized diagonal transfer of check rows in maize planting. M. V. Kurbatov. [illegible] no. 6:40-41 '56.

"New" methods for determining sowing rates [illegible]. V. A. Mishurov. [illegible] Jl '56.

SOYBEAN--VARIETIES

Biochemical properties of the [illegible] L. F. Rettger, E. [illegible] no. 4:7-8 '56.

SPACE PERCEPTION

Effect of glaring light on the perception of depth. O. L. Kanavets. Trudy Inst. biol. fiz. AN [illegible] 1:189-199 '56.

SPACE STATIONS

City in interplanetary space. I. Vasil'evskii, M. Yevpol'skii. Ogonek no. 8:197-198 Ap '56

SPACES, GENERALIZED

Complete proximity spaces. S. Mrowka. Dokl. AN SSSR 108 no. 3:387-388 Je '56.

Fractional-quadratic integral of geodesic lines in [illegible] Dokl. AN SSSR 108 no. 2:203-205 My '56

Method of proximity systems in spaces of analytical functions and its application to interpolation. M. A. Evgrafov. Trudy Mosk. mat. ob-va 5:265-291 '56.

One attribute of finiteness for the deficiency index of the Hermitian operator. K. F. Fishman, I. V. Gel'man. Usp. mat. nauk 11 no. 3:185-187 My-Je '56

Positive, totally continuous operators. M. M. Gopengauz, S. G. Krein. Zap. prais' inst. mat. AN USSR no. 3: 130-139 '48.

Principle of majorants for Chebyshev's method. V. S. Mirakov. Usp. mat. nauk 11 no. 3:171-174 My-Je '56.

Remarks on the theory of spherical functions on symmetrical Riemann manifolds. F. A. Berezin, I. M. Gel'fand. Trudy Mosk. mat. ob-va 5:311-351 '56.

Spaces with corresponding geodesics. A. S. Solodovnikov. Dokl. AN SSSR 108 no. 3:390-393 My '56.

Uniqueness of the decomposition of reducible Riemannian space. G. I. Kruchkovich. Dokl. AN SSSR 108 no. 4: 583-586 Je '56.

SPAFARI, NIKOLAI GAVRILOVICH, 1636-1708

First Russian book on China. E. Rivesa. Dal'. Vost. 24 no. 2:175-177 Mr-Ap '56.

SPAIN--AIR BASES, AMERICAN

More bases. Nov. vrem. 14 no. 21:14-17 Jl '56.

SPAIN--DANCING--FOLK AND NATIONAL DANCES

Espatadansa, the dance of the Basques. Sov. muz. no. 4:16 '56.

SPAIN--HARBORS

Ports of Spain. Geog. v shkole 19 no. 3:63 My-Je '56.

SPAIN--LABOR AND LABORING CLASSES

Statement of the World Federation of Trade Unions on the struggle of Spanish workers. Vest. sred. shkoly no. 6:insert 7 Je '56.

[illegible]

SPECTRUM, [illegible]

[illegible]

SPECTRUM ANALYSIS

[illegible]

SPECTRUM, ULTRAVIOLET

[illegible]

SPECTRUM ANALYSIS

Effect of some gases on the sensitivity of emission analysis. G. S. Landsberg, A. K. Rusanov. Zav. lab. 22 no. 10:1207-1211 '56

[illegible]

SPEECH, DISORDERS OF

[illegible]

SPERMATOGENESIS--BLOOD SUPPLY

[illegible]

SPERMATOZOA

[illegible]

SPHALERITE

[illegible]

SPICES

Vasil'ev, V. L. [Spicy vegetables; parsley, celery, parsnip, dill] Prianye ovoshchi; petrushka, sel'derei, pasternak, ukrop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 50 p. (DA)

SPILLWAYS

Causes of wave formation in chute spillways and measures to prevent it. E. P. Fedorov. Gidr. stroi. 25 no. 6:48-51 Jl '56.

Scouring back of spillways. R. S. Gal'perin. Gidr. stroi. 25 no. 3:51-53 Ap '56.

Shaft-type anchor ice chute. R. M. Khachatrian. Gidr. stroi. 25 no. 4:48-51 My '56.

Surface-bottom system of a hydraulic jump on the surface. M. F. Skladnev. Gidr. stroi. 25 no. 5:41-46 Je '56.

SPINAL CORD

Comparative characteristics of the 8th and 9th anterior nerve roots of the spinal cord. M. S. Averbakh. Uch. zap. Len. un. no. 176:119-124 '54.

Effect of potassium ions on excitation and inhibition in a two-neuron reflex arc. P. H. Kostiuk. Fiziol. zhur. [Ukr.] 1 no. 3:27-36 '55.

Functional state of the nerve centers of spinal cord in total anesthesia. O. D. Reva. Fiziol. zhur. [Ukr.] 1 no. 2:21-29 Mr-Ap '55.

Materials on the characteristics of central excitation. P. E. Moisnyi. Fiziol. zhur. [Ukr.] 1 no. 1:7-14 Ja-F '55.

Morphological changes in different sections of the spinal arc. D. K. Milunova. Fiziol. zhur. [Ukr.] 1 no. 1: 100-114 Ja-F '55.

New data on the cortical "switching" in pups and adult dogs in connection with various injuries to tracts of the spinal cord. T. G. Urgandzhian. Dokl. AN Arm. SSR 22 no. 5:227-233 '56.

The sensory terminals of human spinal cord ganglia. V. Z. Kosarova. Fiziol. zhur. [Ukr.] 1 no. 1:115-119 Ja-F '55.

SPINAL CORD—DISEASES

Trophic changes in bone tissue in diseases of the spinal cord. A. A. Bazhenova. Vest. rent. i rad. 31 no. 3: 34-39 My-Je '56.

SPINAL CORD—SURGERY

New method for the extirpation of spinal ganglia. K. S. Zdanievych. Fiziol. zhur. [Ukr.] 1 no. 1:124-125 Ja-F '55.

Significance of the cerebral hemispheres in the compensation of motor functions following bilateral hemisection of the spinal cord. V. D. Dmitriev. Biul. eksp. biol. med. 42 no. 7:3-7 Jl '56.

SPINAL CORD—WOUNDS AND INJURIES

Late results of a subcutaneous shrapnel wound of the spinal pia mater. P. N. Tkach, V. L. Kisilevskii. Voen.-med. zhur. no. 9:72 S '55.

SPINAL NERVE—DISEASES

Reflected symptoms as observed in patients with lumbosacral radiculitis during therapy at the Pyatigorsk resort. M. M. Klimenko and others. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:49-52 Ap-Je '56.

SPINDLE TREE
(see also subdivision under White Russia)

Method for the mass selection of spindle-tree shrubs for high gutta-percha content. M. M. Strel'nikova. Dop. AN URSR no. 1:46-55 '40.

Water cycle of spindle tree seeds in connection with stratification and germination. M. G. Nikolaeva. Trudy Bot. inst. Ser. 4 no. 11:331-360 '56.

SPINDLES (MACHINE TOOLS)

High-revolution pneumatic grinding spindles. B. M. Malkin. Stan. i instr. 27 no. 6:30-37 Je '56.

SPINE—DISEASES

Roentgenologic diagnosis of aseptic necrosis of the corpus vertebrae. I. I. Shakov, A. M. Lur'e. Vest. rent. i rad. 31 no. 3:67-70 My-Je '56.

SPINE—TUBERCULOSIS

Surgery of gravitation abscesses in tuberculous spondylitis. B. P. Kirilov, I. I. Kon. Khirurgiia no. 5:53-59 My '56.

SPINEL GROUP

Formation of magnesian spinel from chromite during heating in a reducing medium. L. I. Kariakin, P. D. Platikop. Min. zbor. no. 6:240-250 '55.

SPINNING MACHINERY

Ozerov, B. V. [Design and operation of roving machinery for comb spinning fine wool] Ustroistvo i obsluzhivanie mashin rovnichnogo assortimenta grebennogo priadeniia tonkoi shersti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 236 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

SPIRIDON, Archpriest

Telegram from Athens. Zhur. Mosk. Pate. no. 4:3 Ap '56.

SPIRO, PETR ANTONOVICH, 1844-1893

P. A. Spiro, an outstanding Russian physiologist. V. R. Faitel'berg-Blank. Fiziol. zhur. [Ukr.] 1 no. 2:140-143 Mr-Ap '55.

SPLEEN

Can we live without the spleen? Michel Rouzé. V zashch. mira no. 61:96-100 Je '56.

Change in the structural viscosity of nucleic acids of the brain and spleen under the effect of ionizing radiation. A. M. Kuzin, E. V. Budilova. Trudy Inst. biol. fiz. no. 1: 79-83 '55.

SPLINTS (SURGERY)

Improved Böhler's splint allowing early active movements. S. S. Dankov. Voen.-med. zhur. no. 4:74-75 Ap '56.

Some modifications in the old design of the TsITO apparatus for treating shoulder fractures. M. N. Kosukha. Voen.-med. zhur. no. 4:70 Ap '56.

SPONGES

Spongilla. A. Turova. Nauka i zhizn' 23 no. 6:64 Je '56.

SPOREFORMING BACTERIA see Bacteria, Sporeforming

SPORTING GOODS

Novelties in sporting goods. Leg. ati. no. 5:4 of cover My '56.

This will be carried out in the new five-year plan. Fizk. i sport 26 no. 7:4-6 '56.

SPORTS
(see also subdivision under Chapayevka; China; Egypt; Grigoripolisskaya; Kirghizistan; Latvia; Minsk; Mongolia; Moscow; Pakistan; Poland; TSelinskiy District; Ukraine; Uzbekistan; Warsaw; White Russia; Yuzhno-Sakhalin)

All-Union conference on the psychology of sports. R. S. Abel'sknin, V. A. Gavrilenko. Teor. i prak. fiz. kul't. 19 no. 7:554-558 Jl '56.

Congratulations on your successes, friends! Ogonek 34 no. 37:27 S '56.

Distance is no obstacle. Mikhail Biro. Mol. mira no. 4: 7 '56.

The first athletic category. E. Rubin. Ogonek 34 no. 31:12-13 Jl '56.

For mass participation and mastery. Shakh. v SSSR 33 no. 8:225-226 Ag '56.

Get well prepared for the Spartakiada. V. Goncharov. Grazhd. av. 13 no. 6:12 Je '56.

Grandiose review. Fizk. i sport 26 no. 7:1 '56.

Greetings from sports veterans. Fizk. i sport 26 no. 8:1-2 '56.

How we are preparing for the sports tournament. S. M. Isakov. Sred. spets. obr. no. 6:39-41 Je '56.

In the Institute. A. Babikov, V. Kiselev. Sov. Soiuz no. 8:26-27 Ag '56.

International meetings. P. Sobolev. Sov. Soiuz no. 8:32 Ag '56.

On the collective farm. Ch. Shakhmaliev. Sov. Soiuz no. 8:26-27 Ag '56.

On the eve of the Spartakiada of the Peoples of the U. S. S. R. Mol. komm. 14 no. 7:26-30 Jl '56.

On your marks! L. Filatov. Sov. Soiuz no. 8:14-15 Ag '56.

Our first all-Union summer sports tournament. S. B. Petrov. Sred. spets. obr. no. 6:41-42 Je '56.

[Our sport] Nash sport. [Moskva, Izd-vo "Fizkul'tura i sport, " 1956] (unpaged)

Remembering and foretelling. Lev. Kassil'. Ogonek 34 no. 32:5-6 Ag '56.

Spartakiada of the millions. Rabotnitsa 34 no. 8:15-17 Ag '56.

Spartakiada of the Peoples of the U. S. S. R. D. Akimov. Grazhd. av. 13 no. 7:13 Jl '56.

Spartakiada of the Peoples of the U. S. S. R. Sov. pech. no. 7:35 Jl '56

Spartakiada of the Russian Federation. E. Isaev. Sov. Soiuz no. 8:38-39 Ag '56.

Sport and character. Sem'ia i shkola 11 no. 7:1-3 Jl '56.

Sports. Pioner no. 8:70-74 Ag '56.

Sports at the plant. Vladimir Polyaaev. Sov. Soiuz no. 8:12-13 Ag '56.

They participate in the Spartakiada. L. Filiashin. Klub 6 no. 8:16-17 Ag '56.

This is how records are made. A. Svetov. Kul't.-pros. rab. 17 no. 8:39-42 Ag '56.

Two sports festivals. N. Shagin. Neva no. 8:137-142 Ag '56.

Two stages. S. Aksel'rod. Fizk. i sport 26 no. 8:6-7 '56.

What we achieved in a year. A. I. Makarov. Sred. spets. obr. no. 8:42-45 Je '56.

Where people love sports. V. S. Svidetelev. Sred. spets. obr. no. 6:45-46 Je '56.

SPORTS—BIBLIOGRAPHY see Bibliography—Sports

SPORTS—HISTORY

The first All-Union [Spartakiada] in the days when Soviet sports were young. Fizk. i sport 26 no. 8:12-13 '56.

Russian Olympic games. Fizk. i sport 26 no. 7:26-29 '56.

SPORTS IN JOURNALISM

Statute for sport writers. Fizk. i sport 26 no. 8:27 '56.

SPRATS

New method of sorting sprat for preservation. N. A. Petrishchev. Ryb. khoz. 32 no. 6:56-57 Je '56.

SPRAY PAINTING

Machinery and equipment for mechanizing finishing work. A. K. Pavlidis. Mekh. stroi. 13 no. 6:22-25 Je '56.

The "0-19" paint sprayer. Avt. transp. 34 no. 5:34 My '56.

SPRAYING AND DUSTING

Controlling the adult stage of the fruit-tree leaf roller. L. N. Zotsenko, M. I. Zhigal'tseva. Sad i og. no. 7:61-62 Jl '56.

How to control gall mites on plums. V. V. Shcherbakov. Sad. vin. Mold. 11 no. 3:60-61 My-Je '56.

Increasing the effectiveness of chemical weed control in grain fields. A. V. Voevodin, N. K. Tarnovich. Dokl. Akad. sel'khoz. 21 no. 6:18-21 '56.

Measures for controlling fruit mites in the Crimea. A. S. Krylova. Sad i og. no. 7:62-63 Jl '56.

When to spray for the control of mildew in grapes. P. M. Shterenberg. Vin. SSSR 16 no. 4:35-38 '56.

SPRAYING AND DUSTING EQUIPMENT

Mechanized filling of portable sprayers. P. K. Lukashevich. Sad. vin. Mold. 11 no. 3:54-55 My-Je '56.

Why does fog spread? G. Korotkikh. Neva no. 7:190 Jl '56.

SPRINGS

The first all-Union conference on geothermal research in the U. S. S. R. E. A. Liubimova. Izv. AN SSSR. Ser. geofiz. no. 7:874-876 Jl '56.

First meeting on geothermal research in the U. S. S. R. A. IE. Babynets'. Geol. zhur. 16 no. 2:80-82 '56.

SPRINGS (MECHANISM)

Improving the quality of spring production. F. B. Khonel. Vest. mash. 36 no. 7:56-57 Jl '56.

Installation of a spring on trolleys of unprotected traveling cranes. Metallurg no. 7:34 Jl '56.

SPRINKLER IRRIGATION
(see also subdivision under Volga Valley)

Economics of sprinkling vegetable crops. V. IA. Chichasov. Gidr. i mel. 8 no. 6:3-11 Je '56.

Hydrant (water outlet) for sprinkler machines. I. G. Strakhal'. Mosk. kolkh. 5 no. 7:45-46 Jl '56.

Irrigating vegetables and potatoes with DDA-100-M sprinklers. V. A. Shaumian, I. D. Fedorenko. Mosk. kolkh. 5 no. 8:15-17 Ag '56.

SPRINKLERS

Improving a short-jet sprinkler installation. B. M. Lebedev. Mosk. kolkh. 5 no. 6:12-13 Je '56.

SPRUCE

Fruiting of Norway spruce in mixed pine-spruce forests. I. D. Urkevich, M. N. Lubiako. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:18-26 '55.

SPUN GOLD see subdivision under Torzhok

SREDNYAYA AKHTUBA DISTRICT—WEED CONTROL

Weed control. P. I. Samarin. Sad i og. no. 7:15-18 Jl '56.

STABILITY

Inversion of theorems of A. M. Liapunov's second method for the study of the stability of motion. N. N. Krasovskii. Usp. mat. nauk 11 no. 3:159-164 My-Je '56.

Solution of stability problems by the energy method. M. I. Diuhach. Dop. AN URSR no. 4:50-62 '40.

STABILITY OF SHIPS
(see also subdivision under United States)

Approximate calculations of the arms of stability of a hull shell. A. N. Bogusiavskii. Sudostroenie 22 no. 6:1-4 Je '56.

STADIUMS
(see also subdivision under Moscow)

Collective farm athletic field. Sel'. stroi. 11 no. 7: 14-16 Jl '56.

STAINLESS STEEL see Steel, Stainless

STAINS AND STAINING (MICROSCOPY)

Quick method of staining blood smears. S. I. Bibergal. Voen.-med. zhur. no. 9:58-59 S '55.

STAIR BUILDING

Designs of stairs and roofs awarded with first and second prizes. V. Andreev. Arkhit. i stroi. Mosk. 5 no. 8:19-24 Ag '56.

STAIRCASES

Type end design of stair railings. A. Kivi, K. Davel', G. Svirin. Arkhit. SSSR no. 6:27 '56.

STALIN, IOSIF, 1879-1953
I. V. Stalin on nature of economic laws of socialism. O. O. Nesterenko. Visnyk AN URSR 24 no. 11:26-31 N '52.
Outstanding contribution to Marxist-Leninist teachings. Visnyk AN URSR 24 no. 11:17-25 N '52.
Overcoming the cult of the individual and its consequences. Part. zhizn' no. 13:3-9 Jl '56.

STALIN PRIZES see subdivision under China

STALINABAD—COLLECTIVE FARMS
Your friends. Sultan Zamanov and others. Sov. Soiuz no. 6:8-11 Je '56.

STALINABAD—CONSTRUCTION WORKERS
"Reach every man." Part. zhizn' no. 13:64-65 Jl '56.

STALINABAD—PHOTOMETRY, ASTRONOMICAL
Problems of astronomical photometry in the work of the Stalinabad observatory. A. V. Solov'ev. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:21-26 '54.

STALINABAD DISTRICT—COLLECTIVE FARMS
Economy of the collective farms of Stalinabad District in Tajikistan. Kh. A. Akhtamov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 6:127-133 '54.

STALINGRAD—PHYSICAL GEOGRAPHY
Physical geography of Stalingrad and man's influence on them. A. S. Kriukov. Vop. geog. no. 38:211-222 '56.

STALINGRAD—TRACTOR INDUSTRY
Tractor plant on the banks of the Volga. L. Davydov. Krest'ianka 35 no. 7:13-15 Jl '56.

STALINGRAD PROVINCE—BEE CULTURE
Care of bees in the leading apiary of Stalingrad Province. P. I. Timenskii. Pchelovodstvo 33 no. 8:3-6 Ag '56.

STALINGRAD PROVINCE—COMMUNITY CENTERS
The house of culture and life in the district. E. Vashchinkina. Kul't. -pros. rab. 17 no. 7:20-22 Jl '56.
Review of community centers. N. Panichkin. Kul't. -pros. rab. 17 no. 8:22-23 Ag '56.

STALINGRAD PROVINCE—GEOLOGY, STRATIGRAPHIC
Biostratigraphical subdivision of Paleocene and lower Eocene deposits of the Volga near Stalingrad. M. E. Zubkovich. Dokl. AN SSSR 108 no. 4:697-700 Je '56.

STALINGRAD PROVINCE—PETROLEUM INDUSTRY
Petroleum in the lower Volga region. V. Efimov. Nash. sovr. 2:265-266 '55.

STALINGRAD PROVINCE—REVENUE
In the effort to fulfill the revenue provisions of the budget. N. Mel'nikov, P. Dragalev. Fin. SSSR 17 no. 6:51-55 Je '56.

STALINGRAD PROVINCE—SCHOOL DISCIPLINE
With the active members' help. N. Ziubin. Prof. -tekh. obr. 13 no. 6:23 Je '56.

STALINGRAD PROVINCE—MUSTARD
From the statement of the personnel of the Stalingrad Mustard-Oil Combine to all collective farmers, agricultural specialists and machine-tractor station workers of Stalingrad Province occupied in growing mustard. Masl. -zhir. prom. 22 no. 4:5 '56.

STALINGRAD PROVINCE—TURKEYS
Turkey raising in Stalingrad Province. F. V. Kudriavtseva. Ptitsevodstvo 6 no. 6:17-18 Je '56.

STALINGRAD PROVINCE—VITICULTURE
Growing Central Asiatic grape varieties in Stalingrad Province. Z. L. Kovalenko. Vin. SSSR 16 no. 4:42-44 '56.

STALINO PROVINCE—MACHINE-TRACTOR STATIONS
Leading tractor group. A. Sumskoi. MTS 16 no. 5:21 My '56.
We are fully prepared for field work. I. O. Bielkin. Mekh. sil'. hosp. 7 no. 1:3-4 Ja '56.

STALINO PROVINCE—SHEEP BREEDS
Let's increase the productivity of TSigal sheep. K. P. Khadzhinov. Ovtsevodstvo no. 7:17-20 '56.

STALINO PROVINCE—STOCK AND STOCKBREEDING
How have we increased livestock production? P. B. Borema. Mekh. sil'. hosp. 7 no. 7:28-29 Jl '56.

STALINSK—OPEN-HEARTH PROCESS
Increasing the lifting power of a puring crane ladle from 220 to 270 t. S. M. Ryzhov. Metallurg no. 1:28-29 Ja '56.

STAMMERING
Treating logoneuroses. G. A. Shapiro, A. V. Korzh. Voen. -med. zhur. no. 8:52-54 S '55.

STAMPING (METALS) see Sheet-metal work

STAMPS, POSTAGE see Postage stamps

STANDARD OF LIVING see Cost and standard of living

STANDARDIZATION
(see also subdivision under Sweden)
Conference on the exchange of work experience in the field of standardization. Standartizatsiia no. 3:6-10 My-Je '56.
In the Technical Committees of the International Standards Organization. K. D. Nikonov. Standartizatsiia no. 3:76-79 My-Je '56.
Meeting arranged for exchanging experience gained by standardization agencies. Izm. tekh. no. 3:60 My-Je '56.
Meeting of the managers of standardization and normalization centers. Standartizatsiia no. 3:77 My-Je '56.
Preparation of standardization plans is the most important phase of the work. Standartizatsiia no. 3:3-5 My-Je '56.
Standardization abroad. Standartizatsiia no. 3:85-95 My-Je '56.

STANDARDIZATION—PERIODICALS
Periodicals. Standartizatsiia no. 3:96 My-Je '56.

STANDARDS, ENGINEERING
Changes in All-Union State Standards. Biul. stroi. tekh. 13 no. 6:29-30 Je '56.
Changes in standards. Ved. i san. tekh. no. 5:25-26 My '56.
In the Committee of Standards, Measures and Measuring Instruments. Standartizatsiia no. 3:82-84 My-Je '56.
In the Expert Council of the Committee of Standards, Measures and Measuring Instruments. N. I. Evstiushin. Standartizatsiia no. 3:76 My-Je '56.
New standards. Vest. sviazi 16 no. 7:13 Jl '56.
On unpublished articles. Standartizatsiia no. 3:74-75 My-Je '56.
Provisory denotations used in standards. Standartizatsiia no. 3:75 My-Je '56.
Regulating the classification system of standards and specifications. V. S. Churin. Standartizatsiia no. 3:50-51 My-Je '56.

STANISLAV PROVINCE—GOITER
Changes in the eyes in goiter. T. N. Gerasimenko. Oft. zhur. 11 no. 1:55-56 '56.

STANISLAV PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
The procedure for handling the orders. L. Stanislavskii. Raspr. pech. no. 7:17 Jl '56.

STANISLAVOVA, OLEKSANDRA IUKHYMIVNA
In the service of the people. B. Stolanovs'kyi. Rad. zhin. 11 no. 7:28 Jl '56.

STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938
Study Stanislavskii. I. Berezark. Neva no. 7:147-152 Jl '56.
This is the way Stanislavskii worked ("Stanislavskii's work on the opera "Rigoletto," P. Rumiantsev. Reviewed by A. Orfenov). Novyi mir 32 no. 6:251-252 Je '56.

STAPHYLOCOCCUS
Clinical peculiarities of staphylococcal infection originating during antibiotic treatment. T. A. Lebedinskaia, A. V. Levina, V. V. Savel'eva. Vop. okh. mat. i det. 1 no. 2:61-63 Mr-Ap '56.
Nature of the action of penicillin on the microbe cell (Staphylococcus pyrogenes) in an in vitro experiment. P. IE. Vizir. Mikrobiol. zhur. 9 no. 4:98-108 '48.
Resistance of Staphylococcus pyogenes to penicillin in vitro. P. E. Vizir. Mikrobiol. zhur. 9 no. 2/3:105-114 '48.
Staphylococcal infection as a manifestation of disease caused by drugs. A. L. Libov. Vop. okh. mat. i det. 1 no. 2:64-69 Mr-Ap '56.
Staphylococci naturally resistant to penicillin. Report no. 2: Cultural and biochemical properties. IE. S. Bobchenko. Mikrobiol. zhur. 13 no. 2:103-106 '51.

STAPHYLOCOCCUS AUREUS
Distribution of P32-labeled Staphylococcus aureus in acute experimental sepsis in rabbits. P. IA. Siver and others. Vop. med. khim. 2 no. 1:29-31 Ja-F '56.

STARCH
Cultivation practices increasing the starch content in potato tubers. B. M. Vinogradskii. Kartofel' no. 2:33-36 My-Je '56.
Liquefaction of starch by the amylase of the brain. O. IA. Rashba. Ukr. biokhim. zhur. 23 no. 4:453-464 '51.
Mode of cutting potato tubers and its effect on the quality and formation of starch. H. V. Poruts'kyi. Dop. AN URSR no. 3:44-50 '49.

STAROSEL'YE—DESCRIPTION
Small houses on the Dnieper. D. IAshchenko. Klub 5 no. 5:12 My '56.

STARS—CATALOGS see subdivision under Poltava

STARS—CLUSTERS
Determining maximum distances at which it is possible to detect open star clusters [in Armenian with summary in Russian]. B. E. Tumanian. Nauch. trudy Erev. un. 48 no. 2:93-113 '55.

STARS—DISTRIBUTION
Spatial distribution of red giants and IR Lyrae variable stars in globular cluster M 15. P. N. Kholopov. Per. zvezdy 10 no. 5:253-261 Ap '55.

STARS—PROPER MOTION
Proper motions of stars with a yearly declination exceeding 0,"05, observed by zenith telescope at Pulkovo. S. V. Drozdov. Astron. tsir. no. 167:7-8 F '56.
Variation in the proper motion of the star Groombridge 1830. A. P. Oregina. Astron. tsir. no. 167:5-7 F '56.

STARS, DOUBLE
The dark satellite of 61 Cygni. I. V. Sokolov. Priroda i zhizn' 23 no. 8:52 Ag '56.

STARS, NEW
Determination of the mass of shells of novae from the intensities in the Balmer series. Sh. G. Gordeladze. Dop. AN URSR no. 2:9-13 '48.

STARS, VARIABLE
AA Cephei and the new variable star SVZ 1205 Cephei. V. P. Fedorovich. Per. zvezdy 10 no. 5:335 Ap '55.
AP Herculis. G. T. Koval'. Per. zvezdy 10 no. 5:319-322 Ap '55.
Cepheid RS Orionis. N. P. Kukarkina. Per. zvezdy 10 no. 5:323-325 Ap '55.
Eclipsing variable AC Scuti. A. V. Soloviev. Per. zvezdy 10 no. 5:326-326 Ap '55.
Eclipsing variable CR Cassiopeae. E. G. Rapoport. Per. zvezdy 10 no. 5:330-333 Ap '55.
Eclipsing variable TY Capricorni. A. V. Solov'ev. Per. zvezdy 10 no. 5:333-334 Ap '55.
Electrophotometric observations of the eclipsing variable V 505 Sagittarii. N. L. Magalashvili, N. A. Barnaveli. Per. zvezdy 10 no. 5:313-317 Ap '55.
Investigating variations in the periods of some eclipsing variable stars. M. A. Svechnikov. Per. zvezdy 10 no. 5:302-302 Ap '55.
KZP 4056 = S 4760. V. M. Tabachnik. Astron. tsir. no. 167:22 F '56.
Minima of Algol-type stars. V. P. TSesevich. Astron. tsir. no. 167:25 F '56.
Minima of algols. V. M. Grigorevskii. Astron. tsir. no. 167:22-23 F '56.
Note on XX Cephei. M. Lavrov. Astron. tsirk. no. 17-18 '56.
Observations of CO Lacertae. IU. Simak, A. Krautgartova. Per. zvezdy 10 no. 5:329-330 Ap '55.
Period of the eclipsing binary MR Cygni. I. M. [illegible]. Per. zvezdy 10 no. 5:302-308 Ap '55.
Photographic and photovisual brightness curves of V471 Cygni. V. M. Tabachnik. Astron. tsir. no. 167:21 F '56.
Photographic observations of twelve variable stars in Lacerta. N. K. Semakin. Per. zvezdy 10 no. 5:331 Ap '55.
Photometric orbit of XX Cephei. M. I. Lavrov. Astron. tsirk. no. 168:16-17 '56.
Physical characteristics of the variable AG Draconis. V. P. TSesevich. Astron. tsir. no. 167:23-24 F '56.
Three non-eclipsing spectroscopic binaries. N. L. Magalashvili. Per. zvezdy 10 no. 5:334-335 Ap '55.
Three recently discovered variable stars. N. M. Sytinskaia. Per. zvezdy 10 no. 5:309-312 Ap '55.
Variation of the periods of the algols Z Draconis and RT Persei. G. A. Lange. Astron. tsir. no. 167:19-21 F '56.
Visual observations of four short-period Cepheids. A. A. Batyrev. Per. zvezdy 10 no. 5:292-301 Ap '55.

STARYI OSKOL DISTRICT—FORESTS AND FORESTRY
Experimental work for every forester. A. M. Pobedinskii. Les. khoz. 9 no. 6:04 Je '56.

STASOV, VLADIMIR VASIL'EVICH, 1824-1906
V. V. Stasov on the publication of I. N. Kramskoi's letters and articles (1887-1888). N. F. Bel'chikov. Ist. zapis. no. 3:124-138 My-Je '56.

STATE FARMS
(see also subdivision under Akmolinsk Province; Balashov Province; White Russia)
A book on the economics of state farms ("For highly productive and profitable work on state farms." F. E. Kantyshev. Reviewed by E. Sholokhov). Vop. ekon. no. 8:138-139 Ag '56.
Cooperative construction work on state farms. D. E. Shibaev. Sovkhoz. proizv. no. 6:29-32 Je '56.
For closer cooperation between economic science and state farm production practice. N. I. Anisimov, G. M. Volosenkov. Sovkhoz. proizv. no. 8:7-12 Ag '56.
Improving the establishment of norms for tractor work on state farms. Sovkhoz. proizv. no. 6:60 Je '56.
In the struggle for lowering production costs. V. N. TSvetkov. Sovkhoz. proizv. no. 7:18-21 Jl '56.
In the struggle to lower the cost of production. N. S. Stanislavskii. Sovkhoz. proizv. no. 6:25-29 Je '56.
Increase labor productivity on state farms in every possible way. I. Benediktov. Sovkhoz. proizv. no. 6:3-18 Je '56.
On the Ul'anov State Sugar Beet Farm. V. D. Noskin, E. I. Gimmelfarb. Sakh. prom. 30 no. 6:50-53 Je '56.

STATE FARMS (Continued)
State farms before the vegetable harvest. N. M. Gorunov. Sad i og. no. 7:6-8 Jl '56.
Tasks of veterinary service on state farms in the sixth five-year plan. N. Arkhipov. Veterinariia 33 no. 7: 8-14 Jl '56.
Urgent tasks of state farm production. I. Benediktov. Sots. sel'khoz. 27 no. 5:16-27 '56.
What is hidden behind losses of the "Alabugskii" State Farm. P. Efremov. Sovkhoz. proizv. no. 8:25-27 Ag '56.

STATE FARMS—ACCOUNTING
Business accounting in livestock sections of the "Iskra" State Farm. V. D. Miroshnikov. Sovkhoz. proizv. no. 7:21-25 Jl '56.
Keeping records on labor and wages for the care of one-litter sows. Sovkhoz. proizv. no. 6:70 Je '56.
Methods for calculating labor productivity on state farms. G. M. Volosenkov. Sovkhoz. proizv. no. 6:38-45 Je '56.

STATE FARMS—FINANCE
(see also subdivision under Kaluga Province)
Improve the distribution and use of fixed capital on state farms. D. G. Vasil'ev. Sovkhoz. proizv. no. 6:18-25 Je '56.
Putting state farm profits into capital investments and budget income. Sovkhoz. proizv. no. 6:76-78 Je '56.

STATIONERY
Kurakin, P.G., B.A.Paulin, and F.D.Aleksandrov. [The production of stationery goods in printing plants] Proizvodstvo pishchebumazhnykh izdelii v poligraficheskoi promyshlennosti. Moskva, Gos. izd-vo "Iskusstvo," 1956. 214 p.

STATIONERY TRADE see subdivision under Moscow

STATIONS, RAILROADS see Railroads—Stations

STATISTICS
(see also subdivision under Russia)
Kozlov, T.I., and others. [Course in the general statistical theory] Kurs obshchei teorii statistiki. [Moskva] Izd-vo Moskovskogo univ., 1956. 346 p.
Statistics in V. I. Lenin's works and statements. I. Bogdanov. Vest. stat. no. 2:28-37 Mr-Ap '56.

STATISTICS—CONGRESSES see subdivision under Bangkok; Zagreb, Yugoslavia

STATISTICS, MEDICAL see Medical statistics

STAVROPOL—EXCAVATING MACHINERY
Practice of efficiency promoters of the Stavropol Machine-Excavator Station. I. I. Osadchii. Gidr. i mel. 6 no. 7:37-40 Jl '56.

STAVROPOL—TRANSPORTATION, AUTOMOTIVE
High achievements in production. I. Gadalin. Avt. transp. 34 no. 5:35 My '56.

STAVROPOL TERRITORY—AGRICULTURE—ECONOMIC ASPECTS
Valuable experience; regional conference of leading agricultural workers of Stavropol Territory. Ptitsevodstvo 6 no. 8:42-44 Ag '56.

STAVROPOL TERRITORY—POULTRY
Fundamental problems in developing poultry husbandry and increasing its productivity in Stavropol Territory. N. P. Tret'iakov, I. K. Savel'ev, B. I. Kurov. Ptitsevodstvo 6 no. 8:9-11 Ag '56.
Poultry breeders. A. Rakitnikov. Krest'ianka 35 no. 7: 9-11 Jl '56.
Poultry raisers of Stavropol; regional conference of poultry raisers. Ptitsevodstvo 6 no. 8:44-45 Ag '56.

STAVROPOL TERRITORY—Q FEVER
Spreading of Q fever in Stavropol' Territory; preliminary report. A. A. Zaitsev, E. V. Pokrovskaia. Zhur. mikrobiol. epid. i immun. 27 no. 7:15-16 Jl '56.

STAVROPOL TERRITORY—SUSLIKS
On the change in the distribution of the lesser suslik in Stavropol Territory [with English summary in insert]. V. P. Babenyshev, N. V. Glushko. Zool. zhur. 35 no. 5: 770-773 My '56.

STAVROPOL TERRITORY—TELECOMMUNICATION
Adopting advanced experience. P. S. Kornienko. Vest. sviazi 16 no. 7:16-17 Jl '56.

STEALING see Larceny

STEAM
Elaboration of unified tabular data on the thermodynamic properties of water and water vapor. M. P. Vukalovich, B. V. Dzampov. Teploenergetika 3 no. 7:3-6 Jl '56.
Experimental investigation of the thermal capacity of water vapor in the subcritical range. A. M. Sirota, D. L. Timrot. Teploenergetika 3 no. 7:16-23 Jl '56.
Generalization of experimental data on bubbling vapor through liquids. L. S. Sterman. Zhur. tekh. fiz. 26 no. 7:1519-1524 Jl '56.
Temperature dependence of the heat conductivity of steam. N. B. Vargaftik, E. V. Smirnova. Zhur. tekh. fiz. 26 no. 6:1251-1261 Je '56.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM BOILERS, WATERTUBE see Boilers, Watertube

STEAM ENGINES
Elimination of "racing" in steam engines. L. M. Gidon. Energetik 4 no. 7:19-20 Jl '56.

STEAM ENGINES—EFFICIENCIES
Increasing the power of steam engines. A. D. Berkuta. Mekh. sil'. hosp. 7 no. 9:10-11 S '56.

STEAM POWER PLANTS
(see also subdivision under Sweden)
Work practice in the operation of ST-125 steam power plants. I. S. Mats. Mekh. sil'. hosp. 7 no. 6:4-5 S '56.

STEAM SEPARATORS
Purification of water vapor by the method of repeated self-washing. B. P. Rukovanov. Elek. sta. 27 no. 6: 9-12 Je '56.

STEAM TURBINES
(see also subdivision under United States)
Balancing the rotor of a steam turbine. K. A. Ivanov, A. A. Tochenov, P. P. Kuznetsov. Energetik 4 no. 7: 17 Jl '56.
On the article by Professor I. I. Novikov. Teploenergetika 3 no. 7:62 Jl '56.
Plans for new medium-capacity turbines. A. P. Rozhdestvenskii. Teploenergetika 3 no. 7:63-64 Jl '56.
Thermal characteristics of banks of steam turbines. A. G. Vartanov. Trudy Azerb. ind. inst. no. 7:152-164 '54.
Use of small and medium back-pressure turbines in industrial heating and power plants. V. N. Vol'khina, G. B. Lovental', L. A. Melent'ev. Prom. energ. 11 no. 5:1-3 My '56.

STEAM TURBINES—VIBRATION
Concurrent vibrations of rotor parts in steam turbines. A. V. Dabagian. Energomashinostroenie no. 6:7-10 Je '56.

STEAMBOAT LINES see subdivision under Black Sea

STEEL
Effect of deformation on the decomposition of martensite in tempered steel. N. V. Kudriumov, B. D. Hrozin, L. I. Lysak. Dop. AN URSR no. 1:17-21 '49.
Effect of the electric spark on changes in the microstructure of steel. E. A. Kutsyn. Dop. AN URSR no. 1: 39-47 '49.
Electrochemical oxidation of iron and steel in hot concentrated alkali solutions. V. V. Losev. Zhur. prikl. khim. 29 no. 6:948-950 Je '56.
Eremin, A. N. [Physical characteristics of steel under cutting] Fizicheskaia sushchnost' iavlenii pri rezanii stalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 225 p. [MICROFILM]
Features of anodic behavior of steel in an electropolishing electrolyte for low density polarizing currents. G. S. Vozdvizhenskii, A. Sh. Valeev, G. A. Gorbachuk. Dokl. AN SSSR 108 no. 2:299-301 My '56.
Low-alloy steel with increased strength. N. Gudtsov, L. Mashtakova. Oktiabr' 33 no. 6:143-145 Je '56.
Phase transformations in steel at friction and wear. G. M. Zamoruev. Tren. i izn. mash. no. 11:210-238 '56.
[Structural, carbon and alloyed steel] Konstruktsionnye uglerodistye i legirovannye stali. Moskva, Vses. importno-eksportnoe ob"edinenie "Promsyr'eimport" [n.d.] 23 p.

STEEL—ANALYSIS
Correlation between the design of converter bottoms and the oxygen content of Bessemer steel. S. G. Afanas'ev. Stal. proizv. no. 1:58-61 '56.

STEEL—BRITTLENESS
Causes for the formation of irreversible temper brittleness. B. A. Stetsenko. Metalloved. i obr. met. no. 7:35-38 Jl '56.

STEEL—COLD WORKING
Effect of cold plastic deformation on reversible and irreversible temper brittleness. M. M. Shteinberg, V. D. Sadovskii, A. V. Demakova. Metalloved. i obr. met. no. 6:26-35 Je '56.
Prozorov, L. V. [The pressing of steel] Pressovanie stali. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 263 p.

STEEL—CORROSION
Mechanism of the gaseous corrosion of steel. N. P. Zhuk. Zhur. fiz. khim. 30 no. 6:1373-1176 My '56.
Oxidation of chromium-Si steel in air at high temperatures. G. M. Orlova, V. V. Ipat'ev. Zhur. prikl. khim. 29 no. 6:819-828 Je '56.

STEEL—DEFECTS
Checking steel defects on temper fractures. N. K. Ipatov. Stal' 16 no. 7:629-631 Jl '56.
Methodology of removing and analyzing nonmetallic inclusions in molten steel. I. I. Ansheles. Sbor. Inst. stali no. 31:60-78 '53.

STEEL—ELECTROMETALLURGY
Avoiding the formation of axial cracks in alloy steel ingots. IA. M. Bokshitskii, M. A. Pertsev, F. V. Kozlov. Stal' 16 no. 7:602-608 Jl '56.
Effect of oxidizing agents on lowering of the harmful action of sulfur on acid transformer steel. Sbor. Inst. stali no. 31:40-59 '53.

STEEL—HARDENING
"Self-hardening of steel in high-frequency tempering." K. Z. Shepeliakovskii. Reviewed by V. M. Zaikin. Metalloved. i obr. met. no. 7:61-63 Jl '56.

STEEL—HEAT TREATMENT
[Physical metallurgy and the heat treatment of steel and iron; a reference book] Metallovedenie i termicheskaia obrabotka stali i chuguna; spravochnik. Pod red. N. T. Gudtsova, M. L. Bernshteina, A. G. Rakhshtadta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 1204 p.
Vsesoiuznoe nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti. Gor'kovskoe oblastnoe otdelenie. [New method of heat treatment in fused salts and alkalies; a collection of articles] Novyo metody termicheskoi obrabotki v rasplavlennykh solliakh i shchelochakh; sbornik statei. Pod red. A. I. Zot'ova. [Gor'kii] Gor'kovskoe kn-vo, 1955. 254 p.

STEEL—MAGNETIC PROPERTIES
Effect of the cooling rate during thermomagnetic treatment on the magnetic properties of cold rolled transformer steel. D. D. Mishin, M. M. Belenkova. Fiz. met. i metalloved. 2 no. 2:370-374 '56.

STEEL—METALLOGRAPHY
Crystallization of liquid steel under pressure. P. N. Bidulia, I. I. Bobrov, K. N. Smirnova. Lit. proizv. no. 7:1-4 Jl '56.
Effect of superheating of liquid steel on its crystallization. D. S. Kamenetskaia, I. B. Piletskaia, E. P. Rakhmanova. Fiz. met. i metalloved. 2 no. 2:254-258 '56.
Effect of the initial structure on the properties of steel following high-frequency annealing. I. N. Kidin. Sbor. Inst. stali no. 31:121-132 '53.
High-temperature gas cementation of steels. G. M. Shuval, I. S. Lupakov, I. A. Fel'dman. Metalloved. i obr. met. no. 6:48-52 Je '56.
Redistribution of carbon on friction surfaces of steel. V. V. Chernyshev. Tren. i izn. mash. no. 7:34-40 '53.

STEEL—METALLURGY
Development of the continuous steel casting process. M. S. Boichenko, V. S. Rutes, V. V. Ful'makht. Metallurg no. 2:7-11 F '56.
Experience in manufacturing E320 electrical steel. G. M. Borodulin, G. F. Morenko, V. P. Frantsov. Metallurg no. 3:14-16 mr '56.
Filippov, S. I. [Theory of the process of steel decarburization] Teoriia protsessa obezuglerozhivaniia stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 166 p.
The Moscow Institute of Steel. A. N. Pokhvisnev. Metallurg. no. 4:8-9 Ap '56.
Pouring rail steel through a 60 mm. diameter nozzle. A. E. Gorelkina. Stal. proizv. no. 1:66-73 '56.
Samarin, A. M. [Physical and chemical principles of the deoxidizing of steel] Fiziko-khimicheskie osnovy raskisleniia stali. Moskva, Izd-vo Akademii nauk SSSR, 1956. 160 p.
Sheftel', N.I. [Production of calibrated and coldrolled steel] Frolzvodstvo kalibrovannoi i kholodnokatanoi stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 250 p.
Utilizing vacuum techniques in ferrous metallurgy (conference in the A. A. Baikov Institute of Metallurgy). A. M. Samarin. Vest. AN SSSR 26 no. 6:137-140 Je '56.

STEEL—QUALITY CONTROL
Quality improvement is an important potential for increasing open-hearth furnace productivity. N. I. Lopukhov. Metallurg no. 5:9-11 My '56.

STEEL—TESTING
Allowable arsenic content in MSt. 3 open-hearth steel. B. S. Kasatkin. Stal' 16 no. 7:624-629 Jl '56.
Characteristics of after effects in metals. D. M. Vasil'ev. Zhur. tekh. fiz. 26 no. 6:1357-1365 Je '56.
Comparative study of some of the properties of Bessemer open-hearth rimmed steel. A. S. Babii. Stal. proizv. no. 1:62-67 '56.
Effect of localized plastic deformation on the strength of steel. A. E. Asnis. Avtom. svar. 9 no. 3:88-94 My-Je '56.
Effect of nitriding on the vibration decrement of some steels at normal and elevated temperatures. M. M. Pisarevskii, S. V. Dianov. Energomashinostroenie no. 5: 22-24 My '56.

STEEL—TESTING (Continued)

Effect of the speed of quenching after tempering on the mechanical properties of steel. D.A. Vishnitskov. Obor. prom. stroi. no. 2:33-36 '56.

Improve the quality of rimming steel. A.A. Gavrilov, I.B. Tsul'man. Stroi. prom. 34 no. 7:23-26 Jl '56.

Plastic aftereffects in metals. D.M. Vasil'ev, L.S. Evlashin. Zhur. tekh. fiz. 26 no. 6:1351-1356 Je '56.

STEEL—WELDING

Electrodes for welding EI 257 steels. K.V. Lubavskii, N.I. Lazarev. Svar. proizv. no. 7:1-6 Jl '56.

Meeting on welding heat-resistant austenitic steels. N.O. Gomerovskii. Energomashinostroenie no. 6:31-32 My '56.

Welding EI-530, EI-628, and EI-629 austenitic, acid-proof steels. A.S. Antaf'ev, A.V. Russkikh. Avtom. svar. 9 [illegible] '56.

Producing high-grade molten steel for automobile sheet metal. F.T. Antonik, A.I. Marinov. Metallurg no. 3 24-27 Je '56.

STEEL, STAINLESS
(see also subdivision under United States)

Saving nickel in the smelting of stainless steel. D.I. Antrov. Stal' 16 no. 7:631 Jl '56.

STEEL, STAINLESS—ELECTROMETALLURGY

Smelting stainless steel with an oxygen blast. N.I. Shutkin. Metallurg no. 6:10-11 Je '56.

STEEL, STAINLESS—TESTING

Effect of alloying constituents on the heat-resisting properties of chromium stainless steels. G.V. Fedot'ev-Latkov, M.F. Shashenev. Metalloved. i obr. met. no. 6:3-16 Je '56.

STEEL, STAINLESS—WELDING

Automatic argon arc welding of stainless steel with melting electrodes in various positions. A.I. Akulov, R.U. Pal'chok. Svar. proizv. no. 6:27-29 Je '56.

Automatic welding under flux of stainless chromium-Ni steel. N.I. Medvar, A.U. Amin. Dop. AN UkrSSR no. 3:60-67 '48.

STEEL, STRUCTURAL

Steel piling used in hydraulic structures. I.I. Pokrovskii. Nauka i zhizn' 23 no. 7:31 Jl '56.

Stroitskii, N.S. [Materials for a course in steel construction elements] Materialy k kursu stal'nykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture.

No. 1. [The work of steel in building structures] Rabota stali v stroitel'nykh konstruktsiiakh. 1956. 323 p.

STEEL, STRUCTURAL—TESTING

MK and M low-alloy structural steels. V.G. D'iakov, N.I. Voitkun. Stal' 16 no. 7:635-638 Jl '56.

STEEL, STRUCTURAL—WELDING

Calculating conditions for spot welding of crossing reinforcement bars. A.A. Brodskii. Avtom. svar. 9 no. 3: 52-57 My-Je '56.

STEEL ALLOYS

Production of low-alloy steel at the Zaporozhstal' plant. I.M. Leikin, I.E. Marakhovskii, A.A. Podgoretskii. Metallurg. no. 4:13-15 Ap '56.

Ways of economizing ferroalloys in producting high-speed steel. E.I. Mashkevich. Metallurg. no. 4:29-31 Ap '56.

STEEL ALLOYS—BRITTLENESS

The nature of reversible and irreversible temper brittleness of structural steel. V.N. Mes'kin. Metalloved i obr. met. no. 7:24-35 Jl '56.

STEEL ALLOYS—HEAT TREATMENT

Heat treatment of boiler fitting parts made of 1Kh18N9TiA steel. A.N. Zhuravlev. Energomashinostroenie no. 6:33 Je '56.

Recrystallization parameters in induction heating. T.G. N. Rafalovich. Fiz. met. i metalloved. 2 no. 2:259-262 '56.

STEEL ALLOYS—METALLOGRAPHY

Structure of the "white zone." L.S. Palatnik, I.M. Lifshartskii, D.T. Belko. Fiz. met. i metalloved. 2 no. 2:285-293 '56.

Transformation of residual austenite is the main cause for deformations of welded constructions. A.V. Mordvintseva. Metalloved. i obr. met. no. 7:48-54 Jl '56.

STEEL ALLOYS—STANDARDS

Requirements to be included in the All-Union State Standards for low-alloy steel. P.I. Sokolovskii. Standartizatsiia no. 7:32-36 My-Je '56.

STEEL ALLOYS—TESTING

X-ray analysis of phenomena accompanying the protracted stretching of steel at elevated temperatures. M.IA. Puka, N.V. Slonovskii, L.I. Lapinov. Fiz. met. i metalloved. 2 no. 2:310-315 '56.

STEEL ALLOYS—WELDING

Changes in the structure and mechanical properties of low-alloy steel near the seam [illegible] welding. I.N. Kidin [illegible] Metallurg. 1 no. 2:25-28 Ag '56.

STEEL AND IRON BUILDING, see Building, Iron and steel

STEEL CASTINGS

Blocking the heat [illegible] steel [illegible] Stal' 16 no. 6:[illegible] Je '56.

STEEL CASTINGS—TESTING

Study of phosphorus segregation in steel by means of autoradiography. [illegible] Stal' 16 no. 6:[illegible] Je '56.

STEEL INDUSTRY
(see also subdivision under Ahaham, Chou, Georgeveis, Vaipeuzhyn)

Various metallurgy in the new factories [illegible] Stal' 16 no. 6:521 Je '56.

Much depends on this [illegible] Stal' 16 no. 6:[illegible] Je '56.

Vrlinak, I.A., I.A. Shabarkin, and I.F. Mashkevich. [The organization of steel industry] Organizatsiia stalelitnogo proizvodstva. Pod obshchei red. I.A. Frinkaka. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 432 p.

STEEL INDUSTRY—PRODUCTION STANDARDS

New norms and [illegible] Stal' 16 no. 6:[illegible] Je '56.

STEEL INGOTS

Avoiding the formation of axial cracks in alloy steel ingots. IA.M. Shabashkevich, M.A. Pavlov. Stal' 16 no. 7:602-603 Jl '56.

Improving the structure of high-speed steel. A.A. Trofimov. Stal' 16 no. 7:657-661 Jl '56.

STEERING GEAR

Installing the steering gear of a tanker afloat. I.N. Sevast'ianov, N.I. Pelikov. Sudostroenie 22 no. 4:12-13 Ap '56.

STEINITZ, WILHELM, 1836-1900

The first world champion. P. Romanovskii. Shakh. v SSSR 17 no. 7:210 Jl '56.

STELLITE

Cooling protective plates and welding rods [illegible] from cobalt stellite. V.V. Solov'ev. Energomashinostroenie no. 5:24-26 Je '56.

STEL'MAKHAU, ANDRII NIKITAVICH

A participant in three revolutions. M. Bryn-Iorab. Rabotnik 13 no. 7:11 Jl '56.

STENOCHAPHERS

Some features of the dynamics of central extrusion processes in stenographers using different methods. V.N. Vorob'eva. Vrach. delo, Kiev, no. 4:353-357 '56.

STEPANOV, BORYSLAV

Stream from a precipitate heart ("Iz pleteva") Roman; transl. from Bulgarian. Reviewed by V. Volodymyr. Sovetskii Soiuz no. 3:30 My '56.

STEPHENSON, GEORGE, 1781-1848

Virginskii, V.E. [George Stephenson, an outstanding English engineer and inventor; on the 175th anniversary of his birth] Dzhordzh Stivenson - vydaiushchiisia angliiskii inzhener-izobretatel'; k 175-letiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 27)

STEPNIAK-KRAVCHINSKII, SERGEI MIKHAILOVICH
see additional 'Kravchinskii, Sergei Mikhailovich, 1853-1895' under Great Britain

STEPPES

Akademiia nauk SSSR. Institut geografii [Forest-steppe and steppes of the Russian plain] Lesostep' i step' russkoi ravniny. Moskva, 1956. 220 p.

STEREOCHEMISTRY

Research in the field of stereochemistry of cyclic compounds. Part 10. Stereochemistry of the diene condensation of 1-vinyl-Δ3-cyclohexene with maleic anhydride. I.N. Nazarov, V.F. Kucherov, V.M. Andreev. Izv. AN SSSR. Otd. khim. nauk no. 5:715-722 Je '56.

STERILITY IN ANIMALS

Bozharov, I.A. [Sterility in farm animals] Besplodie sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 323 p.
(DA)

Measures for the prevention of barrenness in cows. A.P. Koval'ov. Sots. tvar. 23 no. 3:58-61 Ag '56.

STERLITAMAK DISTRICT—HISTORY

Historical geographic sketch of Sterlitamak District, Ufa Government. M.D. Meshtov. Uch. zap. Bash. gos. ped. inst. no. 4:123-183 '55.

STOCK AND STOCKBREEDING—CONFERENCES

Scientific conference on the efficient breeding and maintenance of productive animals. A. F. TSymborovych. Sots. tvar. 28 no. 6:83-84 Je '56.

STOCK AND STOCKBREEDING—EXHIBITIONS (see also subdivision under Ukraine)

Livestock section at the Exhibition of 1956. V. N. Tikhomirov. Nauka i pered. op. v sel'khoz. no. 6: 70-71 Je '56.

Stock raisers participating in the All-Union Agricultural Exhibition. V. Aref'ev. Sel'khoz. Povol. no. 7:50-51 Jl '56.

STOCK AND STOCKBREEDING—STUDY AND TEACHING

Conducting practical work in stockbreeding in a rural school. M. A. Paporkov, M. I. Ivushkina. Est. v shkole no. 4:48-53 Jl-Ag '56.

Incorporating the advances of science into stockbreeding practice. N. Z. Bolkhovitinov. Vest. vys. shkoly 14 no. 8:26-30 Ag '56.

STOCK EXCHANGES see New York Stock Exchange

STOCK RANGES

Organization of range fattening of cattle. M. V. Pentiuk. Sovkhoz. proizv. no. 7:47-52 Jl '56.

STOCKHOLM—HORSE RACING

Sixteenth Olympiad in horsemanship. V. Vitt, I. Bobylev. Konevodstvo 26 no. 9:38-42 S '56.

STOCKHOLM—HORSEMANSHIP

Olympic champions. Fizk. i sport 26 no. 9:10 '56.

Summer games have begun. E. Ehel'. Fizk. i sport 26 no. 8:16-17 '56.

STOCKHOLM—RADIOBIOLOGY—CONGRESSES

Conference on radiobiology held in Stockholm. Med. rad. 1 no. 2:94 Mr-Ap '56.

STOKERS, MECHANICAL

"Countercurrent", a mechanical stoker for marine boilers. P. P. Kulikovskii. Rech. transp. 15 no. 6:26-26 Je '56.

STOL'NIKOV, VLADIMIR IVANOVICH, 1870-

In the Soviet Union. Veterinariia 33 no. 7:90 Jl '56.

STOMACH

Alkali-soluble phosphorus fraction in the gastric mucosa [with English summary in insert]. D. N. IAkimina. Biokhimiia 21 no. 3:429-433 My-Je '56.

STOMACH—CANCER

Diagnosis of gastric cancer. I. I. Sivkov. Terap. arkh. 28 no. 4:69-73 '56.

STOMACH—DISEASES

Role of negative induction in the treatment of chronic gastritis and functional gastric disorders. V. A. Ievlev. Voen.-med. zhur. no. 3:60 Mr '56.

Using some physical therapy methods in chronic gastritis. N. M. Valuiskii, Z. Sh. Shvarts, P. A. Muratova. Voen.-med. zhur. no. 3:31-34 Mr '56.

Using the classification of chronic gastritis adopted in the Soviet Army. A. M. Zybov. Voen.-med. zhur. no. 3:25-30 Mr '56.

STOMACH—INNERVATION

Mechanism of the effect of acute hypoxia on gastric motor function. Report no. 1. V. S. Raitses. Fiziol. zhur. [Ukr.] 1 no. 2:99-102 Mr-Ap '55.

STOMACH—SECRETIONS

Effect of arterial hypertension on the emaciation and restoration of gastric glands. E. S. Alekseniseva. Fiziol. zhur. [Ukr.] 1 no. 3:51-58 My-Je '55.

Secretory function of the stomach as affected by different methods of stimulating the gastric glands. T. I. Zaitseva. Fiziol. zhur. [Ukr.] 1 no. 1:63-69 Ja-F '55.

STOMACH—SURGERY

Certain vegetative functions following gastric resection. E. A. Sanamian. Zhur. nevr. i psikh. 56 no. 7:540-542 '56.

Chronic invagination following gastroenterostomy. A. L. Shafran. Khirurgiia no. 5:75-76 My '56.

Gorki. Gor'kovskii gosudarstvennyi meditsinskii institut. [Problems in the surgery of the stomach and esophagus] Voprosy khirurgii zheludka i pishchevoda. Pod red. E. L. Berezova. Gor'kii, 1956. 467 p. (DA FM)

Late results of gastric resection. S. V. Eidel'shtein. Voen.-med. zhur. no. 6:37-41 Je '51.

Prevention of postoperative vomiting and regurgitation following gastric resection. I. M. Popov'ian, T. A. Kunitsina. Sov. med. 20 no. 5:61-66 My '56.

STOMATITIS (see also subdivision under Tajikistan)

Treatment of relapsing aphthous stomatitis with negatively ionized air. M. V. Busygina. Stomatologiia 35 no. 3:60 My-Je '56.

STOMATOLOGY see subdivision under Leningrad

STOMATOLOGY—SOCIETIES

Organization of the all-Union, republic, territorial province, and city societies of stomatologists. Stomatologiia 35 no. 3:61 My-Je '56.

STONE, CRUSHED

Production of clayey lightweight crushed stone. D. A. Shaposhnikov. Stroi. pred. neft. prom. 1 no. 2:27-29 Ap '56.

STONE AGE see subdivision under Amangel'dy District; Mezin; Severnyi Dzhar-Kul'; Voronovitsa; Zhideli-Uzen' Valley

STONE IMPLEMENTS see subdivision under Azerbaijan; Kazakhstan

STONECROP see subdivision under Polesye

STORIES see Sea stories

STORMS

Study of the frequency of geomagnetic storms [in Georgian with summary in Russian]. G. P. Berishvili. Trudy Inst. geofiz. AN Gruz. SSR 13:21-43 '54.

STOVES see subdivision under Saraychik

STRAINS AND STRESSES

An axisymmetric load of an elastic semispace. A. A. Mustafaev. Dokl. AN Azerb. SSR 12 no. 6:319-324 '56.

Bending of an infinite beam in a solid ground foundation. T. T. Arakelian. Izv. AN Arm. SSR, Ser. FMET nauk 9 no. 3:45-61 '56.

Considering creep in calculating the torsion of prismatic bars composed of various materials. N. Kh. Arutiunian, K. S. Chobanian. Izv. AN SSSR, Otd. tekh. nauk no. 6:16-34 Je '56.

Correlation between the mechanical properties of commercial iron and preliminary strain. S. I. Gubkin, G. N. Mekhed. Stal' 16 no. 7:654-655 Jl '56.

Determination of internal stresses in bimetallic rings. M. A. Babichev. Tren. i izn. mash. no. 7:175-194 '53.

Effect of a field of inhomogeneous stress upon the plastic zone in the neighborhood of an aperture. H. M. Savin, O. S. Parasiuk. Dop. AN URSR no. 3:41-50 '48.

Effect of localized plastic deformation on the strength of steel. A. E. Asnis, Avtom. svar. 9 no. 3:88-94 My-Je '56.

Local stresses in a plane ring and transition to an infinite bar. D. V. Vainberg. Dop. AN URSR no. 3: 34-40 '48.

Stress analysis of silver chloride crystals subjected to elastoplastic bending. B. A. Kuznetsov. Zhur. tekh. fiz. 26 no. 7:1611-1621 Jl '56.

Strains and stresses in cylindrical shells and thin-walled bars having nonbuckling profile cross-sections. E. N. Nikol'skii. Izv. AN SSSR. Otd. tekh. nauk no. 6:45-54 Je '56.

Stress distribution in mines of complex form. N. P. Hrynkova, L. A. Tiutiunnyk. Dop. AN URSR no. 4:39-44 '49.

Stress-relief theory in the formation of cracks in cast-iron molds. D. E. Beletskii. Stal' 16 no. 7:650-651 Jl '56.

Study of deep drawing processes. V. I. Zalesskii, M. S. TSibanova. Sbor. inst. stali no. 31:140-176 '53.

Studying tension unions of special parts. I. A. Mishin. Sbor. nauch. rab. LIMSKH 9:71-93 '53.

Torsion of a tubular stepped shaft. B. A. Kostandian. Izv. AN Arm. SSR, Ser. FMET nauk 9 no. 3:17-32 '56.

Transformation of residual austenite is the main cause for deformations of welded constructions. A. V. Mordvintseva. Metalloved. i obr. met. no. 7:48-54 Jl '56.

STRASBOURG—STUDENTS—CONGRESSES

Report from Europe. I. T., S. D. Vsem. stud. nov. 10 no. 6/7:9 Je-Jl '56.

STRATEGIC MATERIALS see subdivision under United States

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATOSPHERE see Atmosphere, Upper

STRAW

Gathering and stacking straw. N. TSagolov, A. Pereverzev. Tekhnov. MTS 17 no. 14:10-13 Jl '56.

Harvesting straw products. L. B. Lytvynenko, M. O. Holubiev. Mekh. sil'. hosp. 7 no. 6:14-16 Je '56.

Low pressure steaming of straw. V. P. Hlushchenko. Mekh. sil'. hosp. 7 no. 1:29 Ja '56.

Mechanizing the cleaning of grain and the gathering of straw. A. Belozertsev. Kolkh. proizv. 16 no. 7:34-35 Jl '56.

New method for removing straw from the field. V. Papeta, A. Ocherétianyi. MTS 16 no. 7:27-29 Jl '56.

We are adopting the unit method for collecting straw. P. P. Vynokurov, IE. M. Borikovych. Mekh. sil'. hosp. 7 no. 6:16-17 Je '56.

STRAWBERRIES (see also subdivision under Erivan; Novosibirsk Province)

Effect of irrigation on the setting of fruit buds in strawberries. A. A. Ilinskii. Sad i og. no. 7:38-39 Jl '56.

How to obtain high yields of strawberries in the first year of fruiting. B. A. Kirpichnikov. Mosk. kolkh. 5 no. 7:36 Jl '56.

New varieties of strawberries. A. A. Il'inskii. Sad. vin. Mold. 11 no. 3:28-30 My-Je '56.

Practice in planting strawberries by machinery. V. A. Matveev, E. G. Kuznetsova. Mosk. kolkh. 5 no. 8:38-39 Ag '56.

Shashkin, I. N. [Strawberries in collective farm orchards] Zemlianika v kolkhoznom sadu. [Moskva] Moskovskii rabochii, 1956. 86 p. (DA)

STRAWBERRIES—VARIETIES see subdivision under Moscow Province; Ukraine

STRAZDAS, ANTANAS

Note for the glory ("I strike up a song not for the glory..." Antanas Strazdas. Book review). Druzh. nar. no. 6: 185 Je '56.

STREET RAILWAYS

Margolin, I. S., and E. V. Chebotarev. [Economy, calculation and standardization of electric power in city transportation systems] Ekonomiia, uchet i normirovanie elektroenergii na gorodskom elektrotransporte. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 97 p.

STREETS see subdivision under Moscow

STRELETSKAYA STEPPE PRESERVE—BOTANY

Flora and vegetation of the Streletskaya Steppe Preserve of the Academy of Sciences of the Ukrainian S. S. R. D. M. Dobrochaieva. Ukr. bot. zhur. 13 no. 3:44-57 '56.

STRENGTH OF MATERIALS

Apparatus for strength tests under compound loads. S. V. Malashenko. Dop. AN URSR no. 4:63-68 '49.

Asymmetrical load cycles in resistance tests. V. O. Kononenko. Dop. AN URSR no. 3:25-38 '49.

Formulas for the bimoment in the elasto-plastic state of an I-beam. O. I. Strel'byts'ka. Dop. AN URSR no. 6:435-438 '54.

Integration of the differential equation of a bent axis of a compound girder with any transverse load. L. I. Kormakov. Dop. AN URSR no. 6:439-444 '54.

Thermomechanical measurements. IU. M. Malinskii, V. A. Kargin. Koll. zhur. 18 no. 3:372 My-Je '56.

STREPTOCOCCUS LACTIS

Attenuated forms of Streptococcus lactis. H. M. Frenkel'. Mikrobiol. zhur. 9 no. 2/3:63-70 '48.

Nature of the bacteriophages of Streptococcus lactis. M. L. Nepomniashcha, L. IU. Medvyns'ka, L. A. Liberman. Mikrobiol. zhur. 9 no. 4:72-80 '48.

STREPTOMYCIN

Effectiveness of streptomycin in a compound method of treating toxic forms of dysentery and toxic dyspepsia in young children. A. B. Lev. Pediatriia 39 no. 3:90 My-Je '56.

Some peculiarities of the course of tuberculosis meningitis in adults treated by streptomycin. E. M. Grinshpunt. Voen.-med. zhur. no. 9:32-37 S '51.

Statics and dynamics of exchange of streptomycin ions with metal ions and hydrogen on carboxylated resins (with English summary in insert). G. V. Samsonov, S. E. Bresler. Koll. zhur. 18 no. 3:337-343 My-Je '56.

Streptomycin and PAS treatment of tuberculosis in a sanatorium. G. M. Neushev. Voen-med. zhur. no. 9: 37-42 S '51.

Streptomycin therapy for chronic pulmonary tuberculosis. E. G. Bezruchenko. Voen.-med. zhur. no. 9:18-25 S '51.

Streptomycin treatment for gonorrhea in women. A. P. Nevel'. Vest. ven. i derm. no. 3:58 My-Je '56.

Streptomycin treatment for icteric hemorrhagic leptospirosis. B. N. Shcheglov. Voen.-med. zhur. no. 6:62 Je '51.

Treatment of periodontitis with streptomycin and biomycin. G. A. Skoinikova. Stomatologiia 35 no. 3:14-16 My-Je '56.

STRIKES ANS LOCKOUTS (see also subdivision under Baku; Chile; Spain)

Is the class struggle in capitalist countries subsiding? M. Smit. Nov. vrem. 14 no. 33:3-6 Ag '56.

Workers of capitalist countries struggle for their rights. Blok. agit. no. 29:35-41 O '56.

STRIKES AND LOCKOUTS—COAL MINES see subdivision under Ruhr, Germany

STRIKES AND LOCKOUTS—STEEL INDUSTRY see subdivision under United States

STRIKES AND LOCKOUTS—STEEL WORKERS see subdivision under United States

STRIP CROPPING

Sowing buffer strips for the retention of snow on the virgin lands of Kazakhstan. S. Sdobnikov. Kolkh. proizv. 16 no. 5:42 My '56.

STRIP MINING
(see also subdivision under Cheremkhovo Basin; Karaganda Basin; Ukraine)
Determining the depth of the open-cut mine and the extension of its field. O.S. Fidelev. Dop. AN URSR no. 2: 45-49 '48.
Evaluation of developed deposits and the cost of coal in open pit mining. V.V. Rzhevskii, N.A. Malusheva. Ugol' 31 no. 7:19-23 Jl '56.
History and outlook of open-pit mining in the U.S.S.R. B.V. Faddeev. Trudy Gor.-geol. inst. no. 27:78-87 '55.

STROBOSCOPY
Physical processes in repeated striking of an alternating-current arc. L.V.Kirdo. Avtom. svar. 9 no. 3:1-16 My-Je '56.

STRONTIUM—ISOTOPES
Effect of radioactive isotopes of strontium on consolidation of fractures. L.M. Kapitsa, A.D. Fedorova. Vest. rent. i rad. 31 no. 3:18-21 My-Je '56.

STRUCTURAL FRAMES
Sosis, P.M. [Calculation of frames by redistribution of initial values of the unknowns] Raschet ram sposobom pereraspredeleniia nachal'nykh znachenii netzvestnykh. Izd. 2-oe, dop. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 166 p.
Three-dimensional rigidity of complex roof and hull-type structural frames. V.K. Egupov. Izv. AN SSSR. Otd. tekh. nauk no. 7:43-52 Jl '56.

STRUCTURAL FRAMES—WELDING
Examination of tee joints under the action of varying loads. V.IU. Shishkin, V.A. Makurin, R.Z. Manilova. Svar. proizv. no. 6:11-13 Je '56.

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL MATERIALS see Building materials

STRYCHNINE—PHYSIOLOGICAL EFFECT
The two-phase reaction to strychnine of cells of Descemet's epithelium in male and female rodents. V.L. Levin. Uch. zap. Len. un. no. 176:125-135 '54.

STUDENT TEACHING
A good practical training for future teachers; survey of articles. Vest. vys. shkoly 14 no. 7:35-40 Jl '56.
Preparation for teaching in the practice teaching program of pedagogical institutes. L.G. IUrov. Sov. pedagog. 20 no. 7:93-102 Jl '56.

STUDENTS
(see also subdivision under Africa; Asia, Southeastern; Estonia; Great Britain; Norway; Paraguay; Norway)
At graduation time. V. Andreev. Smena 33 no. 13:7-8 Jl '56.
From everywhere. Vsem. stud. nov. 10 no. 6/7:32-33 Je-Jl '56.
Who's the murderer? Who's the victim? Speak! Vincentio Calo. Vsem. stud. nov. 10 no. 6/7:3 Je-Jl '56.

STUDENTS—CONGRESSES see subdivision under Adelaide, Australia; Bandung; Prague; Strasbourg

STUDENTS—GRADING AND MARKING see Grading and marking (Students)

STUDENTS—PERIODICALS
Periodical of Christian students. P.R. Vsem. stud. nov. 10 no. 6/7:34 Je-Jl '56.
Reader's page. Vsem. stud. nov. 10 no. 6/7:1-2 Je-Jl '56.

STUDENTS, FOREIGN see subdivision under Moscow

STUDY, METHOD OF
For the concurrent preparation of homework assignments. N.M. Dobrogaev. Sred. spets. obr. no. 8:18-20 Ag '56.

STUPINO—HOSPITALS, GYNECOLOGIC AND OBSTETRIC
Obstetrical and gynecological service for the population of Stupino. I.M. Kosoi, IU.P. Kalinina. Vop. okh. mat. i det. 1 no. 1:71-78 Ja-F '56.

ŠTÚR, L'UDOVÍT, 1815-1856
On the 100th anniversary of L'udovít Štúr's death. V.A. Maluta. Vop. ist. no. 5:220-222 My '56.

STYLE, LITERARY
Discussion on the study of the literary language. Vest. Mosk. un. 11 no. 4:150-153 Ap '56.

STYNKA, STEFAN, 1865-1897
Rumanian physician Stefan Stynka, 1865-1897. IU. Gelerter. Sov. zdrav. 15 no. 4:50-56 Jl-Ag '56.

STYPTICS see Hemostatics

STYRENE
Diffusion of the polystyrene fraction in carbon tetrachloride. K.G. Kiseleva, I.A. Kizub. Vest. Len. un. 11 no. 10:6-11 '56.
Effect of inorganic salts on the polymerization of emulsified styrene (with English summary in insert). N.S. TSvetkov, A.I. IUrzhenko. Koll. zhur. 18 no. 3:362-368 My-Je '56.
Research in the field of cyclic acetals. Part 1. Condensation of styrene and of its homologs with aldehydes in presence of hydrochloric acid and reactions of 4-phenyl-1,3-dioxane with $SOCl_2$, $PCl_3$ and with fatty acids. N.V. Shorygina. Zhur. ob. khim. 26 no. 5:1460-1465 My '56.
Structure of butadiene-styrene polymers (with English summary in insert). I.G. Soboleva and others. Koll. zhur. 18 no. 3:344-349 My-Je '56.

SUBMARINE BLASTING see Blasting, Submarine

SUBMARINE BOATS
Book on submarines. Reviewed by L. Aseev. Sov. mor. no. 5:21 Mr '56.
Difficult navigation; a report. M. Khametov. Sov. mor. 16 no. 8:12 Ap '56.
Trends in the development of submarine construction abroad. IU.S. Kriuchkov. Sudostroenie 22 no. 6:37-42 Je '56.

SUBMARINE DIVING see Diving, Submarine

SUBMARINE PHOTOGRAPHY see Photography, Submarine

SUBMARINE WARFARE
[Submariners; stories, sketches, recollections] Podvodniki; rasskazy, ocherki, vospominaniia. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 261 p.

SUBURBAN LIFE
We are going to the country. Vl. Rudin. Ogonek 34 no. 26:14-15 Je '56.

SUBWAYS see subdivision under Moscow

SUDAN
Sudan, a new independent state. V. Ryzhikov. Otv. na. vop. trud. no. 68:48-55 '56.

SUDAN GRASS
(see also subdivision under Chuvashia)
Phasic development of Sudan grass. T.A. Emikh. Uch. zap. Bash. gos. ped. inst. no. 4:180-185 '55.

SUDOGDA DISTRICT—HUNTING AND FISHING CLUBS
In the district hunting society. V. Naprienko. Okh. i okh. khoz. no. 7:16 Jl '56.

SUEZ CANAL
Declaration of the Soviet Government on the Suez question. Nov. vrem. no. 34:insert Ag '56.
Egyptian flag. E. Riabchikov. Ogonek 34 no. 32:17-18 Ag '56.
Egypt's legitimate right. IU. Bochkarev. Nov. vrem. 14 no. 32:10-12 Ag '56.
Food for thought. Nov. vrem. 14 no. 33:1-2 Ag '56.
In the spirit of realism. Nov. vrem. 14 no. 35:1-3 Ag '56.
A sad evolution. Nov. vrem. 14 no. 33:17 Ag '56.
Suez and the "free world." IU. Bochkarev. Nov. vrem. 14 no. 34:8-10 Ag '56.
The U.S. and the Suez Canal. Nov. vrem. 14 no. 33: 16 Ag '56.
The unpublicized history of the Suez Canal Company. A. Leonidov. Nov. vrem. 14 no. 33:7-10 Ag '56.
Who received profits from operating the Suez Canal. Blok. agit. no. 24:41-43 Ag '56.
Work in the Suez Canal. Geog. v shkole 19 no. 3:69 My-Je '56.

SUGAR—STATISTICS see subdivision under Germany, West

SUGAR BEET BREEDING
Additional pollination of seed plants. Z.P. Semenova. Sakh. svekl. no. 3:44-45 My '56.
Developing nonflowering sugar-beet varieties. N.A. Negovskii. Sakh. svekl. no. 5:40-41 Jl '56.

SUGAR BEETS
(see also subdivision under Carpathian Mountain region; Czechoslovakia; France; Kazakhstan; Kuban; Kulunda Steppe; Soviet Central Asia; Tatar A.S.S.R.; Ukraine; Vinnitsa Province; White Russia)
Carbohydrate dynamics and protein accumulation as affected by the nutrition system of plants in grass-beet crop rotation. Z.M. Klymovyts'ka. Dop. AN URSR no. 3:58-67 '49.
Change the system of assigning working areas to crews. A.A. Sidorov. Sakh. svekl. no. 5:23-24 Jl '56.
Checkrow planting of sugar beets using furrow openers with forced dropping and free falling of seeds. G.B. Neiman, P.A. Volkov, L.V. Ptitsyna. Dokl. Akad. sel'khoz. 21 no. 6:3-7 '56.
Checkrow system in growing sugar beets. M.E. Nikolaev Sakh. svekl. no. 3:28-30 My '56.
Controlling pitting in sugar beets. S. Enikeev. Sel'khoz. Kirg. no. 4:18-19 Ap '56.
Cultivation of sugar beets. I.T. Zuenok. Sel'khoz. Povol. no. 6:36-38 Je '56.
Differentiated density of plants per hectare. N.A. Kurtiko. Sakh. svekl. no. 3:30-33 My '56.
Efficient length of the production season. N.V. Vinogradov. Sakh. prom. 30 no. 5:28-31 My '56.
Expand the sugar-beet acreage and lower the production cost. Sakh. svekl. no. 3:20-21 My '56.
Experience gained from sowing sugar beets for seeds without transplanting. P.V. Presnikov. Sakh. prom. 30 no. 6:47-50 Je '56.
For more extensive application of scientific achievements and advanced practices. Sakh. svekl. no. 3:1-5 My '56.
For more extensive use of cross cultivation in sugar-beet growing. F.A. Evsikov. Sakh. svekl. no. 5:37-39 Jl '56.
Higher production with lower labor and material expenditures. S.K. Tkachev. Sakh. svekl. no. 3:22-25 My '56.
In the Central Committee of the Communist Party of the Soviet Union and in the Council of Ministers of the U.S.S.R.: Measures for increasing sugar beet and sugar production. Sakh. svekl. no. 4:1-4 Je '56.
Intertillage of sugar beets in the eastern part of the central Chernozem region. A.D. Kas'ianchuk. Sakh. svekl. no. 5:32-34 Jl '56.
Let us supply collective and state farms with better beet seeds. A.L. Mazlumov. Sakh. svekl. no. 3:9-10 My '56.
Liquid fertilizer applicator for sugar beets. V.I. Ineushev. Mekh. sil'. hosp. 7 no. 6:21-22 Je '56.
Machine-tractor stations are an important factor in obtaining high yields. D.A. Pokhlitak. Sakh. svekl. no. 4:27-31 Je '56.
Manganese slime is a valuable fertilizer. B. Ocheretianyi. Kolkh. proizv. 16 no. 7:17 Jl '56.
New aspects in the nutrition of sugar beets. A.V. Peterburgskii. Sakh. svekl. no. 3:37-41 My '56.
A poor poster. V. IAkovlev. Sakh. svekl. no. 5:47 Jl '56.
Results of foliar feeding. S.E. Fridman. Sakh. svekl. no. 5:25-27 Jl '56.
Results of the preharvest foliar feeding of sugar beets. S.E. Fridman. Sakh. prom. 30 no. 5:55-56 My '56.
Spacing from the point of view of nutrition and its effect on the quality of sugar beets. Z.N. Kashtanova. Sakh. svekl. no. 5:28-31 Jl '56.
Spacing of sugar beet plants. A. Vodolazov. Sel'khoz. Kirg. no. 4:15-18 Ap '56.
Storing of mother beets. M.Z. Khelemskii. Sakh. prom. 30 no. 5:59-63 My '56.
Supplementary intertillage in humid beet-growing districts. F.A. Lut. Sakh. svekl. no. 5:35-36 Jl '56.
Two-layer placement of mineral fertilizers at the time of sowing. E.A. Mikhailenko. Sakh. svekl. no. 3:41-43 My '56.
We shall deliver 600 centers of beets per hectare. M.V. Apostoliuk. Sakh. svekl. no. 3:7-9 My '56.
We shall fulfill the tasks assigned by the Party ahead of time. A.M. Chernykh. Sakh. svekl. no. 3:6-7 My '56.
What the first year of sugar beet growing taught us. M.Z. Doronina. Sakh. svekl. no. 4:5-7 Je '56.
Winter sugar beets ("Terra e sole" February, 1955). Abstracted by E.I. Tolitsyn. Sakh. prom. 30 no. 5:65-67 My '56.

SUGAR BEETS—DISEASES AND PESTS
Cercospora-resistant sugar beet varieties. S. Sevost'ianov, L. Eletskaia. Sakh. svekl. no. 4:36-37 Je '56.
Seminar on the control of weevils. Sakh. svekl. no. 4: 37-38 Je '56.

SUGAR BEETS—EXHIBITIONS
Minimum crop yields required of participants in the All-Union Agricultural Exhibition. Sakh. svekl. no. 3: 19 My '56.
What beet growers will have to show at the All-Union Agricultural and the All-Union Industrial Exhibition of 1956. M.N. Elagin. Sakh. svekl. no. 3:11-19 My '56.

SUGAR BEETS—HARVESTING
Combine harvesting of sugar beets. I. IU. Kliavir. Mekh. sil'. hosp. 7 no. 8:11-13 Ag '56.
Exemplary preparations for harvesting. Sakh. svekl. no. 5:1-4 Jl '56.
How we obtained high productivity with combine-type beet harvesters. G.A. Klimenko, A.K. Mel'nik. Sakh. svekl. no. 4:32-35 Je '56.
Mechanization of sugar beet harvesting. O.F. Ushakov. Mekh. sil'. hosp. 7 no. 7:19-21 Jl '56.
Modernization of the SNU-3 beet lifter. H.I. Danylevych. Mekh. sil'. hosp. 7 no. 8:30 Ag '56.
Sugar-beet harvesting plan on the "Michurin" Collective Farm. V.E. Kurchenko, D.G. Barvenko, V.M. Skliar. Sakh. svekl. no. 5:5-10 Jl '56.
Theory of the topping mechanisms in beet-harvesting machines. P.M. Vasylenko, V.O. Kulakovs'kyi. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 4:51-60 '54.

SUGAR BEETS—PRICES
New procurement prices for sugar beets. M.A. Linshits. Sakh. svekl. no. 5:15-19 Jl '56.

SUGAR BEETS—STORAGE
Conference on the work of the bases of the Central Scientific Research Institute of the Sugar Industry in storage of sugar beets. S.E. Fridman. Sakh. prom. 30 no. 5:10-11 My '56.

SUGAR BEETS—TRANSPORTATION

Example set by the Soenovets motor transport column. Sakh. prom. 30 no. 5:4 My '56.

Improve the truck transportation of sugar beets. A. E. Samsonov. Sakh. svekl. no. 5:19-23 Jl '56.

Transportation of sugar beets and bagasse in containers. L. I. Smakovskii. Sakh. prom. 30 no. 6:35-36 Je '56.

SUGAR INDUSTRY
(see also subdivision under Dzhety-Su; Kirghizistan; Moldavia)

Basic means for the development of the sugar industry in the sixth five-year plan. L. P. Sotnichenko. Sakh. prom. 30 no. 5:6-9 My '56.

Construction of separation stations. M. B. Bal'tsev. Sakh. prom. 30 no. 5:41-43 My '56.

Duration of production season in sugar-factories. I. M. Gurovich. Sakh. prom. 30 no. 5:31-32 My '56.

Extraction of sugar out of sugar-beets ("Listy cukrovarnicke" no. 7 1955). Abstracted by E. E. Shneider. Sakh. prom. 30 no. 5:74 My '56.

"Fundamentals of Sugar Production," M. Drakhovskaia, V. Steglik, K. Shandera. Reviewed by P. Silin. Sakh. prom. 30 no. 5:78-79 My '56.

Further development of sugar-beet raising and sugar industry. Sakh. prom. 30 no. 5:1-3 My '56.

Improve the work relative to inventions and more efficient operation. Z. N. Palamarchuk. Sakh. prom. 30 no. 6:1-4 Je '56.

In the Central Committee of the Communist Party of the Soviet Union and in the Council of Ministers of the U. S. S. R.: Measures for increasing sugar beet and sugar production. Sakh. svekl. no. 4:1-4 Je '56.

The Krasnozvezdinskii sugar refinery in the fifth and sixth five-year plan. F. I. Girlavenko, A. M. Mogilko. Sakh. prom. 30 no. 6:12-13 Je '56.

Mechanization of sugar harvesting ("Zeitschrift für de Zuckerindustrie," no. 1 1956). Abstracted by D. G. Bronshtein, A. I. Shapiro. Sakh. prom. 30 no. 5:68-69 My '56.

Methods for increasing the sugar yield from massecuite and lowering the number of boilings of products ("Listy cukrovarnicke," no. 6 1955). Abstracted by E. E. Shneider. Sakh. prom. 30 no. 5:67 My '56.

More about creative cooperation. A. B. Blankman. Sakh. prom. 30 no. 6:15-17 Je '56.

Production of concentrated sirups in evaporator sections. IU. D. Kot. Sakh. prom. 30 no. 6:19-20 Je '56.

Production of granulated sugar for Soviet champagne. I. S. Garkavyi. Sakh. prom. 30 no. 6:27-29 Je '56.

Switching of the Krasnozvezdinskii sugar refinery to year-round work. V. I. Peleshuk. Sakh. prom. 30 no. 6:14-15 Je '56.

Theory of slicing high-quality sugar-beet cossettes. P. S. Sichevoi. Sakh. prom. 30 no. 6:37-41 Je '56.

Use of juice vapor condensate for feeding steam boilers. A. E. Kutsenko. Sakh. prom. 30 no. 6:30-34 Je '56.

Vostokov, A. I., and I. P. Lepeshkin. [The manufacture of sugar from beets] Proizvodstvo sakhara iz svekly. Moskva, Pishchepromizdat. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)
No. 3. [Juice and syrup purification] Ochistka soka i siropa. 1955. 56 p.

SUGAR INDUSTRY—BIBLIOGRAPHY see Bibliography—Sugar industry

SUGAR INDUSTRY—BY-PRODUCTS

Liming soils with defecation slime. E. A. Brovkina. Sakh. svekl. no. 4:24-26 Je '56.

The loss of sugar in the unused sugar beet tailings and small pieces ("Listy cukrovarnicke," no. 1 1956). Abstracted by E. E. Shneider. Sakh. prom. 30 no. 5: 74 My '56.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Improvement of the standard multistage settling tank. A. K. Kartashov, V. A. Zambrovskii. Sakh. prom. 30 no. 6:24-27 Je '56.

Marking sugar bags. G. I. Chernyshov. Sakh. prom. 30 no. 6:79 Je '56.

New types of filters. E. A. Moglinyi. Sakh. prom. 30 no. 6:63-70 Je '56.

Settling and settling tanks. I. G. Chugunov. Sakh. prom. 30 no. 5:12-14 My '56.

SUGAR INDUSTRY—EXHIBITIONS

All-Union agricultural and industrial exhibitions. G. S. Shvarts. Sakh. prom. 30 no. 6:4-11 Je '56.

SUGAR INDUSTRY—HISTORY

The book of S. Z. Ivanov and I. P. Lepeshkin ("Sketches on the history of technology in the Russian sugar industry." S. Z. Ivanov and I. P. Lepeshkin. Reviewed by A. I. Korchinskii. Sakh. prom. 30 no. 6:75-78 Je '56.

First beet-sugar factory in Russia. I. T. Voronov. Sakh. prom. 30 no. 6:72-74 Je '56.

SUGAR INDUSTRY—PERIODICALS

Further improvement of the work of this magazine. Sakh. prom. 30 no. 5:5 My '56.

SUGAR INDUSTRY—SAFETY MEASURES

Multisaw machines for cutting refined sugar loaves and certain preventive measures against ignition. E. B. Bal'tsev. Sakh. prom. 30 no. 5:15-17 My '56.

SUGAR MACHINERY
(see also subdivision under Lvov)

Comparison between the diffusion battery function and RT continuous-motion rotary diffusion apparatus ("Zeitschrift für die Zuckerindustrie," no. 3 1956). Abstracted by D. G. Bronshtein, A. I. Shapiro. Sakh. prom. 30 no. 5:70-72 My '56.

Hydrodynamic return traps. I. G. Chugunov. Sakh. prom. 30 no. 6:20-24 Je '56.

Movement of sugar-beet cossettes in continuous diffusion apparatus. S. M. Grebeniuk. Sakh. prom. 30 no. 6: 42-46 Je '56.

Multisaw machines for cutting refined sugar loaves and certain preventive measures against ignition. E. B. Bal'tsev. Sakh. prom. 30 no. 5:15-17 My '56.

Unloading-stacking machine for sugar beets of the "Silver" firm ("Sugar" no. 1956). Abstracted by V. A. Novikov. Sakh. prom. 30 no. 5:74-76 My '56.

SUGAR MACHINERY—BIBLIOGRAPHY see Bibliography—Sugar machinery

SUGARS

Relation of the quantitative composition to the optical activity of glucose fructose mixtures. I. R. Rominskii, A. S. Sushkova. Ukr. khim. zhur. 17 no. 5:766-771 '51.

Simple method for determining the sugar minimum in vegetable matter. Sh. G. Gonashvili. Zhivotnovodstvo no. 6:81-82 Je '56.

Use of ion-exchanging substances in the analysis of glucose fructose mixtures. I. R. Rominskii, A. S. Sushkova. Ukr. khim. zhur. 17 no. 5:772-776 '51.

SUKHUMI—BAS RELIEF

Marble bas-relief from Sukhumi. M. M. Trapsh. Trudy Abkh. inst. iaz., lit. i ist. no. 25:372-374 '54.

SUKHUMI—EXCAVATIONS (ARCHAEOLOGY)

Brief report on the results of archaeological explorations in Sukhumi in 1952. M. M. Trapsh. Trudy Abkh. inst. iaz., lit. i ist. no. 26:210-232 '55.

SUKHUMI—MONKEYS

At the Sukhumi nursery. I. Utkin. Sov. Soiuz no. 5:30-31 My '56.

Valuable research. I. A. Utkin. Nauka i zhizn' 23 no. 8: 49-50 Ag '56.

SULFAMIDE

Growth inhibitors of Corynebacterium diphtheriae; effect of sulfamide and indole preparations on C. diphtheriae. S. I. Zelepukha. Mikrobiol. zhur. 9 no. 4:52-58 '48.

Use of sulfamide preparations for checking outbreaks of acute intestinal diseases. P. T. Trukhan. Voen.-med. zhur. no. 5:37-38 My '56.

SULFANILAMIDE

ACTH therapy in a case of severe drug hypersensitivity. A. I. Entin, IU. I. Rafes. Sov. med. 20 no. 5:84-85 My '56.

Combined gramicidin and sulfanilamide therapy for blepharitis. I. E. Ksenzenko. Voen.-med. zhur. no. 4: 65-66 Ap '56.

Sulfanilamide chelate compounds. TS. I. Shakh. Ukr. khim. zhur. 22 no. 3:336-340 '56.

SULFATES
(see also subdivision under Bokdash)

Adsorptive titration of sulfates. A. A. Medvedovskii. Ukr. khim. zhur. 17 no. 1:27-35 '51.

Isotopic oxygen content in natural sulfates. R. V. Teis. Geokhimiia no. 3:28-32 '56.

Physicochemical analysis of systems important in analytical chemistry. Part 25. Study of the coprecipitation of alkali metal sulfates with $BaSO_4$. I. V. Tananaev, A. I. Ul'ianov. Trudy Kom. anal. khim. 7:3-20 '56.

Reduction of Krainka spring water sulfates in hydrogen atmosphere. A. N. Buncev, L. P. Kharitonova. Trudy Lab. gidrogeol. probl. 1:121-131 '48.

Solubility and composition of the solid phase in the system: $Na_2SO_4 - K_2SO_4 - H_2O$. L. S. Itkina, V. F. Kokhova. Izv. Sekt. fiz.-khim. anal. 27:337-343 '56.

SULFIDES

Polysulfides of certain heavy metals. Part 1. Zinc and cadmium polysulfides. IA. A. Fialkov, I. D. Muzyka. Ukr. khim. zhur. 17 no. 5:703-707 '51.

SULFIDES—METALLURGY

Effect of oxidizing agents on lowering of the harmful action of sulfur on acid transformer steel. V. A. Grigorian. Shor. Inst. stali no. 31:40-59 '53.

Roasting in the boiling stage. V. Karpukhin. Tekh. mol. 23[i. e. 24] no. 7:15 Jl '56.

SULFONAMIDES

Effect of sulfonamides on regeneration processes in the cornea. P. L. Avgushevich. Oft. zhur. 11 no. 1:58-59 '56.

SULFONATION

Sulfonation of tert-butyl substituted thiophene derivatives. IA. L. Gol'dfarb, L. V. Antik, P. A. Konstantinov. Izv. AN SSSR, Otd. khim. nauk no. 5:624-626 My '56.

SULFONE

Esters of 4, 4'-dioxydiphenylsulfone. Part 1. Synthesis of esters of 4, 4'-dioxydiphenylsulfone and aliphatic acids. IA. P. Berkman, R. V. Vizgert. Ukr. khim. zhur. 17 no. 2:264-269 '51.

Esters of 4, 4'-dioxydiphenylsulfone. Part 2. Synthesis of esters of 4, 4'-dioxydiphenylsulfone and aromatic acids. IA. P. Berkman, R. V. Vizgert. Ukr. khim. zhur. 17 no. 2:270-273 '51.

SULFUR

Change in the composition of sulfur-containing amino acids added to preserved blood and the effect of their addition on the duration of the preservation of blood. M. B. Sventsitskaia. Vop. med. khim. 2 no. 1:54-58 Ja-F '56.

Desulfuration of unclassified coal fines by the combined gravity-flotation method. I. M. Verkhovskii, I. I. Vinogradov. Koks i khim. no. 4:11-17 '56.

Effect of supplementary sulfur feeding of chickens on the growth of feathers. V. K. Baumanis. Ptitsevodstvo 6 no. 8:38-39 Ag '56.

Kinetics of the coagulation of sulfur sols (with English summary in insert). S. E. Kharin, I. V. Chalkovskaia. Koll. zhur. 18 no. 3:350-361 My-Je '56.

Purification of gases from sulfur organic compounds by means of activated clays from deposits in the Georgian S. S. R. IA. D. Zel'venskii, I. G. Sarishvili. Zhur. prikl. khim. 29 no. 6:833-841 Je '56.

SULFUR—ISOTOPES

Application of radiography for estimating sulfur distribution in rubber mixes. A. S. Novikov, M. V. Koloskova (with English summary in insert). Koll. zhur. 18 no. 3: 321-325 My-Je '56.

Isotopic composition of sulfur in connection with the age of pyrites of sedimentary origin. A. P. Vinogradov and others. Geokhimiia no. 1:96-105 '56.

SULFUR—THERAPEUTIC USE

Treating wounds with sulfur sol. S. M. Ionin, A. B. Gukasian. Kar. i zver. 9 no. 3:60-61 My-Je '56.

SULFUR DIOXIDE

Conference on the preparation of sulfur dioxide from pyrite and sulfur. M. A. Koloskov. Khim. nauka i prom. 1 no. 2:230-240 '56.

SULFUR INDUSTRY

Methods for the roasting of sulfur raw materials. K. M. Malin. Khim. nauka i prom. 1 no. 2:174-185 '56.

SULFURATION

Production of benzol for sulfuration at the Yenakiyevo Coke Chemical Plant. M. A. Ionina. Koks i khim. no. 4:64 '56.

SULFURIC ACID

Acidity function of the $H_2SO_4$-$HSO_3Cl$ system. V. A. Pal'm. Dokl. AN SSSR 108 no. 2:270-273 My '56.

Brief textbook in a specialized subject ("Technology of sulfuric acid." I. N. Kuz'minykh. Reviewed by K. N. Shabalin). Vest. vys. shkoly 14 no. 7:60-61 Jl '56.

Method for manufacturing reagent sulfuric acid from gases of a sulfuric acid system. Suggestion by IA. M. Shmekker and others. Prom. energ. 11 no. 6:31 Je '56.

New data on combined machine-sulfuric acid delinting of cottonseed. M. Golovan', I. Kruglyi. Khlopkovodstvo 6 no. 7:39-40 Jl '56.

SUMATRA—ECONOMIC CONDITIONS

On Sumatra. G. Afrin. Nov. vrem. 14 no. 34:16-21 Ag '56.

SUMGAIT—DESCRIPTION

In young cities; travel sketches [conclusion]. L. Polonskii. Lit. Azerb. 14 no. 7:66-78 Jl '56.

SUMGAIT-CHAY BASIN—LAKES

Lakes of the Sumgait-Chay Basin [in Azerbaijani with summary in Russian]. S. G. Rustamov, Kh. D. Zamanov. Dokl. AN Azerb. SSR 12 no. 5:335-340 '56.

SUMMER see subdivision under Moscow Province; White Russia

SUMMER RESORTS see subdivision under Gorkiy Province; Zdravnitsa

SUMY—AMATEUR ART ACTIVITIES

Our correspondence. Klub 5 no. 5:19 My '56.

SUMY PROVINCE—DAIRYING

Competition among young milkmaids. G. Kamchatnyi. Mol. komm. 14 no. 7:72-74 Jl '56.

Kaminak rural library. H. Koliadenko. Sots. kul't. 9 no. 6:14-16 Je '56.

SUN—CORONA

Inner corona structure of the 5303 Å line as observed without eclipse. M. G. Karimov. Dokl. AN SSSR 108 no. 2:205-206 My '56.



41207I O - 57 - 20

SUN—CORONA (Continued)

Observation of the corona in continuous spectra without an eclipse. G. M. Nikol'skii. Astron. tsir. no. 167:12-14 F '56.

Photoelectric registration of the emmission line λ 5303 Å in the solar corona. V. I. Moroz, M. G. Karimov. Astron. tsirk. no. 168:12-14 '56.

SUN—SPECTRUM

Absolute measurements of the continuous spectrum of the center of the solar disk. G. F. Sitnik. Astron. tsir. no. 167:14-16 F '56.

SUN BATHS

(see also subdivision under Chukchi Peninsula)

Shuttered awning on a metal stand for air and sun baths. A. A. Ivanov. Voen.-med. zhur. no. 9:60-62 Je '56.

SUNFLOWERS

Effect of phosphate nutrition on photosynthesis and the growth of sunflowers. T. F. Andreeva. Trudy Inst. fiziol. rast. 6 no. 1:212-236 '48.

Hybrids of sunflower and Jerusalem artichoke and the problem of the third sugar. I. I. Marchenko. Visnyk AN URSR 24 no. 11:56-62 N '52.

Make faster and fuller use of disclosed capacities. A. Panchenko. Kolkh. proizv. 16 no. 6:14 Je '56.

Masters of high yields of sunflowers. F. A. Mallarenko. Sel'khoz. Povol. no. 6:38-39 Je '56.

Profitable crop. O. L. Vol'chek. Sel'khoz. Povol. no. 6:79 Je '56.

Quality of fertilization and intensity of assimilation and respiration in the pumpkin and sunflower [with English summary in insert]. B. A. Bystrov, A. P. Pavlova, E. A. Fal'kenb" [illegible]. Fiziol. rast. 3 no. 3:185-190 My-Je '56.

Significance of frequent flights of bees to flowering sunflowers. V. I. Bui. Sots. tvar. 28 no. 6:49 Je '56.

SUNSPOTS

Earth and sun. Pioner no. 7:46-48 Jl '56.

Observing the sun with the naked eye. B. Alekseev. Ogonek 34 no. 34:31 Ag '56.

SUPERCHARGERS

Theoretical principles applied to the design of inertia superchargers for four-stroke diesel engines. N. A. Alizade. Trudy Azerb. ind. inst. no. 7:142-151 '54.

Theory applied to the design of rotor contours used in Ruth superchargers. I. M. Rubanovich. Trudy lab. dvig. no. 1:122-166 '55.

SUPERSONIC WAVES see Ultrasonic waves

SUPPOSITORIES

New compounds of suppository bases consisting of stearic esters. M. Kh. Gluzman, B. I. Dashevskaia. Apt. delo 5 no. 4:14-18 Jl-Ag '56.

SUPPURATION

Intra-arterial penicillin injections in suppurative septic diseases. F. T. Vlasov. Voen.-med. zhur. no. 4:71-73 Ap '56.

SURAMI—MINERAL WATERS

Radioactivity of the Borzhomi and Surami mineral waters [in Georgian with summary in Russian]. V. V. Kebuladze, L. I. Torozova. Trudy Inst. geofiz. AN Gruz. SSR 13: 131-135 '54.

SURFACE-ACTIVE AGENTS

Effect of surfactants on the fatigue strength of metals. H. V. Karpenko. Dop. AN URSR no. 3:39-43 '49.

SURFACE CHEMISTRY

Study of properties of the surface layer of liquids by the floating-drop method. M. V. Tovbin. Ukr. khim. zhur. 22 no. 3:309-312 '56.

SURFACE TENSION

Quantitative determination of sovcaine and dicaine in aqueous solutions by measuring the surface tension. M. A. Etinger. Ukr. khim. zhur. 17 no. 5:777-780 '51.

Study of aqueous solutions of antipyrine, pyramidone, and analgine from their surface tensions. M. A. Etinger, M. S. Baron. Ukr. khim. zhur. 17 no. 5:781-785 '51.

Surface tension of melts in the system: KCl - NaCl - $MgCl_2$. O. G. Desiatnikov. Zhur. prikl. khim. 29 no. 6:870-878 Je '56.

SURFACES—AREAS AND VOLUMES

Determination of the specific surface of finely pulverized materials by means of low temperature nitrogen adsorption. D. S. Sominskii, G. S. Khodakov. Khim. nauka i prom. 1 no. 2:209-210 '56.

SURFACES (TECHNOLOGY)

Correlation between coefficients of friction depending on the direction of displacement in shaping. I. M. Pavlov, V. G. D'iakov. Sbor. inst. stali no. 31:221-241 '53.

Determination of active contact areas on the surfaces of transparent models. E. M. Shvetsova. Tren. i izn. mash. no. 7:12-33 '53.

Mechanical preparation of surfaces to be plated. V. S. Rystsova. Trudy LIEI no. 8:194-206 '54.

Origin of the "white phase" on the friction surface. A. D. Kuritsina. Tren. i izn. mash. no. 11:182-203 '56.

Significance of wood surface-smoothness standards. B. M. Buglai, A. A. Lukashev. Standartizatsiia no. 3:52-55 My-Je '56.

SURFACES (TECHNOLOGY)—MEASUREMENT

Autocollimation technique for measuring small-radius spherical surfaces. L. V. Drozdova. Izm. tekh. no. 3: 78-79 My-Je '56.

Checking feeler gauges used for the control of surface roughness. V. A. Egorov, B. S. Davydov. Izm. tekh. no. 3:64-66 My-Je '56.

Micro-profilometer for the control of internal and external surface smoothness. Iu. V. Kolomiitsov. Izm. tekh. no. 3:30-34 My-Je '56.

SURFACES (TECHNOLOGY)—QUALITY CONTROL

Factory methods for the control of surface smoothness. V. S. Rystsova. Trudy LIEI no. 8:182-193 '54.

Producing high-quality surface smoothness by using graphite-abrasive wheels for finish grinding. A. A. Sukhoparov. Trudy LIEI no. 8:178-181 '54.

SURFACES, REPRESENTATION OF

Mappings accomplished by solutions of the Carleman system. B. V. Shabat. Usp. mat. nauk 11 no. 3:203-206 My-Je '56.

One class of quasi-conformal mappings. M. O. Lavrent'ev. Zbir. prats' Inst. mat. AN URSR no. 9:7-54 '48.

SURGERY—CONGRESSES see subdivision under Moscow

SURGERY—SOCIETIES see subdivision under Leningrad; Moscow Province

SURGERY, ABDOMINAL see Abdomen—Surgery

SURGERY, ASEPTIC AND ANTISEPTIC

Air disinfection in dressing and operation rooms in surgical hospitals. S. I. Bibergal. Voen.-med. zhur. no. 9:80 S '51.

Gramicidin S for treating the surgeon's hands. G. I. Riumshin. Voen.-med. zhur. no. 9:57-58 S '55.

Prophylaxis of postoperative suppuration. B. M. Shvartsgorn, A. IA. Gogiberidze. Voen.-med. zhur. no. 6:75-76 My '56.

SURGICAL INSTRUMENTS AND APPARATUS

Field operating table for treating wounds and burns. V. I. Bezhenutsa. Voen.-med. zhur. no. 5:82-83 My '56.

Modification of Rud'ko's apparatus. B. IA. Bulatovskaia. Stomatologiia 35 no. 3:56 My-Je '56.

Phantom for studying catheterization of the ureters. B. S. Gekhman. Voen.-med. zhur. no. 9:69-70 S '55.

Surgical instruments. Il'ia Korabel'nikov. Tekh. mol. 24 no. 8:33-37 Ag '56.

Universal instrument for ligating large vessels. N. P. Egorychev. Voen.-med. zhur. no. 9:60-61 S '55.

Universal ligature instrument. I. M. Muzykantskii. Voen.-med. zhur. no. 6:78-79 Je '56.

Use of Rud'ko's apparatus in fractures and osteoplasty of the mandible. Iu. I. Bernadskii. Stomatologiia 35 no. 3:28-29 My-Je '56.

Use of Rud'ko's apparatus with three clamps in an angular maxillary fracture. V. I. Titarev. Stomatologiia 35 no. 3:29-30 My-Je '56.

SURIKOV, VASILII IVANOVICH, 1848-1916

Siberian portraits by V. I. Surikov. G. Titov. Sib. ogni 35 no. 3:147-150 My-Je '56.

SURKOV FAMILY

It's a boy. Bor. Privalov. Sov. Soiuz no. 5:34-35 My '56.

SURVEYING

Instrument surveying of felling areas. V. F. Golubev, L. N. Popov. Les. prom. 34 no. 6:10-11 Je '56.

SURVEYING—INSTRUMENTS

Instruments for surveys in connection with irrigation and drainage. L. S. Khrenov. Gidr. i mel. 8 no. 6:24-32 Je '56.

SURVEYING, MARINE see Hydrographic surveying

SUSLIKS see subdivision under Stavropol Territory

SUTURES

Forceps for suturing deep wounds. P. S. Kozachek. Voen.-med. zhur. no. 9:62 S '55.

Umbilical vessels of cattle as a new suture material. L. G. Shkol'nikov, N. I. Zagainov. Khirurgiia no. 5:74 My '56.

SUVOROV, ALEKSANDR VASIL'EVICH, knias' Italiiskii, 1729?-1800

Generalissimo Suvorov and public health conditions in the army; on the 150th anniversary of his death. S. A. Semeka. Voen.-med. zhur. no. 5:3-14 My '50.

Rakovskii, Leontii. [Generalissimo Suvorov] Generalissimus Suvorov. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 533 p. (Sovetskii voennyi roman)

SUVOROV, FEDOR MATVEEVICH, 1845-1911

Kazan geometrician Fedor Matveevich Suvorov. P. M. Olonichev. Ist.-mat. issl. no. 9:271-316 '56.

SUZAKSKIY DISTRICT—EXCAVATIONS (ARCHAEOLOGY)

Report on the work of the Southern Kazakhstan Archaeological Expedition of 1953. E. I. Ageeva, G. I. Patsevich. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:33-60 '56.

SVANETIA—MURAL PAINTING AND DECORATION

"Amiran Daredzhaniadze" in mural paintings in Svanetia. L. A. Shervashidze. Soob. AN Gruz. SSR 17 no. 5:471-478 '56.

SVERDLOV, IAKOV MIKHAILOVICH, 1885-1919

IA. M. Sverdlov's activities in 1917. K. T. Sverdlova. Vop. ist. no. 6:3-15 Je '56.

IAkov Mikhailovich Sverdlov. K. Sverdlova. Oktiabr' 33 no. 7:112-164 Jl '56.

IAkov Mikhailovich Sverdlov (conclusion). K. Sverdlova. Oktiabr' 33 no. 8:107-163 Ag '56.

SVERDLOVSK—BEARING INDUSTRY

Talk about automatization. Faina Mal'ts. Sov. zhen. 12 no. 10:14-15 O '56.

SVERDLOVSK—COAL MINES AND MINING—STUDY AND TEACHING

Innovator methods for foremen. G. Shashkin. Prof.-tekh. obr. 13 no. 6:16-17 Je '56.

SVERDLOVSK—ENGINEERING—STUDY AND TEACHING

Introduce experience of the Ural institute to all institutes of higher education; Communist Youth League organization of the Ural Technical Institute struggles to strengthen ties between learning and industrial practices. A. Oborotov. Mol. komm. 14 no. 7:63-67 Jl '56.

SVERDLOVSK—INSURANCE, SOCIAL

The Ural Machine Factory and the district bureau of social security. A. Nazarov. Sots. obesp. 17 no. 7:23-26 Jl '56.

SVERDLOVSK—MACHINE-TOOL INDUSTRY

Visiting innovators of the Ural Machinery Factory. G. Senin, B. Smolenov. Nauka i zhizn' 23 no. 8:31-34 Ag '56.

SVERDLOVSK—MUSICAL REVENUE, COMEDY, ETC.

"Mark Beregovik." B. Manzhora. Sov. muz. 20 no. 7: 94-97 Jl '56.

SVERDLOVSK—OPERA

"Okhonia." Teatr 17 no. 6:140-141 Je '56.

SVERDLOVSK—TELEVISION—ANTENNAS

Erecting the antenna tower of the Sverdlovsk television center. V. V. Nikitin. Stroi. prom. 34 no. 6:10-13 Je '56.

SVERDLOVSK—THEATER

Plays at the Sverlovsk theater. N. Morozova. Ogonek 34 no. 27:25 Jl '56.

SVETLOGORSK—BATHS, MOOR AND MUD

Results of treating chronic diseases of the joints in Svetlogorsk. I. D. Panchukov. Voen.-med. zhur. no. 5: 61-64 My '56.

SVIRIDOV, GEORGII

Image and destiny of a poet. L. Polinkova. Sov. muz. 20 no. 8:3-11 Ag '56.

SWAMPS

(see also subdivision under Ladoga region)

Cultivating hard wheat on peat bog soils. H. I. Zlul'kou. Vestsi AN BSSR Ser. bilal. nav. no. 1:69-73 '56.

Formation of microflora in layered boggy soil as a result of moisture runoff from swamps. K. E. Ivanov. Vest. Len. un. 11 no. 12:58-72 '56.

Natural regeneration of forests on upland swamps. L. P. Smoliak. Sbor. nauch. rab. inst. lesa AN BSSR no. 6:92-108 '55.

Relation of pH value and the rate of thawing on vegetation and microrelief in an upland swamp. V. D. Lopatin. Vest. Len. un. 11 no. 12:66-68 '56.

Using electric prospecting to study causes of swamp formation. L. S. Chanturishvili, G. S. Varazashvili. Trudy Inst. geofiz. AN Gruz. SSR 13:119-127 '54.

SWEDEN—BORING MACHINERY

Equipment manufactured in Sweden for core drilling geological exploratory boreholes. E. S. Bubnov. Razved. i okhr. nedr 22 no. 5:53-62 My '56.

SWEDEN—COLLECTIVE LABOR AGREEMENTS

Conclusion of new collective agreements in Sweden. Vsem. prof. dvizh. no. 6:45-46 Je '56.

SWEDEN—DAIRY INDUSTRY

Dairy industry in Sweden. V. Kostygov. Moloch. prom. 17 no. 5:41-44 '56.

SWEDEN—FARM EQUIPMENT

Care of livestock in Sweden. A. Kuziutkin. Tekhsov. MTS 17 no. 14:14-16 Jl '56.

SWEDEN—FERTILIZERS AND MANURES
Swedish experience in using fertilizers. A. S. Kuziutkin. Ud. i ur. 1 no. 6:60-62 Je '56.

SWEDEN—HOURS OF LABOR
"International unity of action for the 40-hour work week is natural and necessary." Vsem. prof. dvizh. no. 6: 27-28 Je '56.

SWEDEN—LIGHTWEIGHT CONCRETE
Production and use of "Ytong" gas concrete products abroad. I. A. Kovel'man. Biul. stroi. tekh. 13 no. 7: 35-36 Jl '56.

SWEDEN—LUMBERING
In Swedish logging camps. V. A. Galas'ev. Les. prom. 34 no. 7:26-29 Jl '56.

SWEDEN—RELATIONS (GENERAL) WITH RUSSIA
Our interview. Sots. obesp. 17 no. 7:61 Jl '56.

SWEDEN—SLAVIC STUDIES
With the Slavicists of Sweden; interview with G. Gunnarsson. Slaviane no. 8:13-14 Ag '56.

SWEDEN—STANDARDIZATION
Standardization in Sweden. V. V. Doschatov. Standartizatsiia no. 3:60-61 My-Je '56.

SWEDEN—STEAM POWER PLANTS
Underground steam-turbine power plant [Braunkohle no. 19/20 1955]. Teploenergetika 3 no. 7:56 Jl '56.

SWEDEN—STOCK AND STOCKBREEDING
Animal husbandry in Sweden. Z. I. Pakhtusov. Zhivotnovodstvo no. 6:86-93 Je '56.

SWEDEN—TANK VESSELS
Method for the ventilation of tankers (From "Engineering", 1955). Sudostroenie 22 no. 4:48 Ap '56.
Tanker "Iaragua" (From "Marine Engineering" no. 11, 1955). Sudostroenie 22 no. 4:48 Ap '56.

SWEDEN—TECHNICAL EDUCATION
Secondary specialized education in Sweden. V. K. Fadin. Sred. spets. obr. no. 8:56-61 Ag '56.

SWEET CLOVER see subdivision under Moscow Province

SWIMMING
(see also subdivision under Tiflis)
From the work practice of a swimming instructor in the Nikolo-Urupino Pioneer camp near Moscow. T. M. Gorshkova. Teor. i prak. fiz. kul'. 19 no. 7:510-519 Jl '56.
History of a record. S. Poliak. Fizk. i sport 26 no. 8: 35 '56.
Training lifeguards. I. Faizullin. Voen. znan. 31[i. e. 32] no. 5:21 My '56.

SWIMMING—COMPETITIONS see subdivision under China

SWIMMING POOLS
How to build a swimming club. Voen. znan. 31[i. e. 32] no. 5:insert My '56.
Sports: Construction in the camp. V. Polikarpov. Pioner no. 6:70-72 Je '56.

SWINDLERS AND SWINDLING
A swindler and parasite is unmasked. B. Grishin. Ogonek 34 no. 37:29 S '56.

SWINE
(see also subdivision under Great Britain; Irkiyev District; Lithuania; Moldavia; Poltava Province; Ryazan Province; Siberia, Western; Ukraine)
Amazing transformation. L. K. Groben'. IUnt. nat. no. 4:29-31 Jl '56.
For increased production and procurement of meat. Svinovodstvo no. 4:1-4 Je '56.
From a zootechnician's notebook. N. P. Smirnov. Mosk. kolkh. 5 no. 7:35 Jl '56.
Keeping records on labor and wages for the care of one-litter sows. Sovkhoz. proizv. no. 6:70 Je '56.
Let's fulfill obligations concerning pork production on collective farms. V. Vladimirov. Blok. agit. no. 28: 10-20 O '56.
Let's fulfill the five-year plan for meat production ahead of time. F. Kuzovatov. Kolkh. proizv. 16 no. 5:22 My '56.
Mechanization of work in swine breeding. Kolkh. proizv. 16 no. 7:45 Jl '56.
Pork production has tripled within a year. E. Andreeva. Kolkh. proizv. 16 no. 5:21-22 My '56.
[The swine breeding farm.] Svinovodcheskaia ferma no. 9 S '56.
What the poster teaches. V. I. Lysogorov. Svinovodstvo no. 4:47 Je '56.
Year-round fattening of swine. T. Skiba. Kolkh. proizv. 16 no. 7:30-31 Jl '56.

SWINE—DISEASES
Alimentary phosphoremias in swine. IA. A. Babin and others. Svinovodstvo no. 4:38-40 Je '56.
Controlling macracanthorhynchosis in swine. R. S. Cheboiarov and others. Trudy inst. zool. AN URSR 8[15-
Raising young pigs and protecting them against diseases. R. A. TSion. Veterinariia 33 no. 7:70-74 Jl '56.
Strongylidosis in hogs. R. S. Cheboiar'ov. Sots. tvar. 26 no. 6:50-52 Je '56.
Use of antibiotics. P. O. Sosiedov, P. F. Kudriavtsev, A. I. Noskov. Veterinariia 33 no. 8:78-79 Ag '56.
Veterinary work at the Litvinovo State Farm. L. S. Staroscl'skii. Veterinariia 33 no. 7:35-39 Jl '56.

SWINE—FEEDING AND FEEDING STUFFS
(see also subdivision under Great Britain; Latvia; Odessa; Saratov Province; Ukraine)
Achievements of masters in swine fattening. I. Alekseev. Mias. ind. SSSR 27 no. 3:40-41 '56.
Antibiotics in fattening pigs. K. M. Veterinariia 33 no. 8:80 Ag '56.
Comparative effectiveness of feeding meat-making and modified lard-making rations to swine. A. A. Lebedev. Svinovodstvo no. 4:12-14 Je '56.
Effectiveness of feeding hogs twice a day. S. F. Dudchenko, K. F. Spirin. Sots. tvar. 26 no. 8:17-18 Ag '56.
Effectiveness of supplementary feeding of suckling pigs with grain and succulent feeds. A. M. Starovoitov. Zhivotnovodstvo no. 6:46-51 Je '56.
Faster fattening of swine. N. P. Chuchko, A. A. Morozova. Sots. tvar. 26 no. 8:36-38 Ag '56.
Fulfill the plan for fattening hogs ahead of time. V. A. Atrashkov. Mosk. kolkh. 5 no. 7:31 Jl '56.
High effectiveness of feeding meat-making rations to swine. A. S. Pikunov. Sovkhoz. proizv. no. 6:40-52 Je '56.
How we achieve high weight gains. I. Rudenko. Mias. ind. SSSR 27 no. 3:42 '56.
Importance of controlled fattening of hogs. P. N. Kudriavtsev, A. N. Slezkina. Zhivotnovodstvo no. 6:23-27 Je '56.
Increase the production of pork. I. P. Chabak. Sots. tvar. 26 no. 8:21-23 Ag '56.
Let's fatten more hogs next year. I. Kh. Olefirenko. Mosk. kolkh. 5 no. 8:27-28 Ag '56.
Organization of swine fattening on the "Chervonoi armii" State Farm. A. I. Plishko. Sots. tvar. 26 no. 8:11-16 Ag '56.
Raising replacement pigs on rations of corn combined with green, succulent, and coarse feeds. G. M. Pocherniaeva. Svinovodstvo no. 4:20-22 Je '56.
Utilizing fresh corncobs. V. K. Havrysh. Sots. tvar. 26 no. 8:36-39 Ag '56.

SWINE—WATERING
Automatic waterer for hogs. IU. S. Liubyns'kyi. Sots. tvar. 26 no. 6:39-42 Je '56.

SWINE BREEDING
(see also subdivision under Kuban; Yaroslavl Province)
The best time for mating sows in the suckling period. O. IA. Kuznetsov. Sots. tvar. 26 no. 8:40-42 Ag '56.
Highly effective measure for increasing the production of pork. A. V. Maksimov. Sovkhoz. proizv. no. 6: 52-56 Je '56.
Seventy-eight per cent of pigs from one-litter sows. S. Nikolaev. Sovkhoz. proizv. no. 8:74-75 Ag '56.

SWINE BREEDING—EXHIBITIONS see subdivision under Moscow

SWINE BREEDS see subdivision under Estonia

SWINE HOUSES AND EQUIPMENT
(see also subdivision under United States)
Automatic feeders for hogs. V. G. Kozlovskii, N. P. Smirnov. Mosk. kolkh. 5 no. 8:31-33 Ag '56.
Economical feeder. N. G. Karpov, V. K. Plotnikov. Sel'khoz. Povol. no. 6:81-82 Je '56.
Keeping hogs in buildings of simple construction. V. I. IAkushev. Mosk. kolkh. 5 no. 8:29-30 Ag '56.
Let's fulfill the building plan for swine-fattening barns. I. Gromak. Sel'. stroi. 11 no. 6:22-23 Je '56.
New feeders for swine. I. Malakhov. Kolkh. proizv. 16 no. 6:35 Je '56.
Self-feeder and automatic waterer for hogs. G. B. Asaturov, F. I. Trel'iakov. Sovkhoz. proizv. no. 7:68-70 Jl '56.
Wide introduction of self-feeders and automatic waterers for hogs on state farms. Sovkhoz. proizv. no. 7:79-80 Jl '56.

SWITCHBOARDS, TELEPHONE see Telephone switchboards

SWITZERLAND—ELECTRICITY IN AGRICULTURE
Electrification of agriculture in Switzerland. P. Listov. Kolkh. proizv. 16 no. 6:43-44 My '56.

SWITZERLAND—LOCOMOTIVES
Switching locomotive with two power sources. Tekh. zhel. dor. 16 no. 4:3 of cover Je '56.

SWITZERLAND—TELEPHONE, AUTOMATIC
The "A-50" automatic telephone system. Elektrosviaz' 10 no. 8:78 Ag '56.

SWORDFISH
Swordfish on a sand bank. M. Dovgal'. Ogonek 34 no. 34:30 Ag '56.

SWOSZOWICE, POLAND—PALEOBOTANY
New data on flora of the Cerithian series in Swoszowice. P. O. Michedlishvili. Ukr. bot. zhur. 13 no. 1:95-99 '56.

SYNESIUS CYRENAEUS, Bishop of Ptolemais, c. 373-c. 414
Pentapolis according to the letters of Synesius. M. V. Levchenko. Viz. vrem. 9:3-44 '56.

SYNTHETIC RUBBER see Rubber, Synthetic

SYPHILIS
Cytology of the exudates of syphilitic ulcers. V. T. Karpukhin. Vest. ven. i derm. no. 3:56-57 My-Je '56.
Effect of interoceptive stimulation from the bladder on the course of experimental syphilis. A. IA. Prokopchuk, A. D. Popovich. Vest. ven. i derm. no. 3:55-56 My-Je '56.
Late results of treating syphilis with arsenic-free drugs. M. A. Rozental and others. Vest. ven. i derm. no. 3: 22-27 My-Je '56.
Periarteritis nodosa appearing during the treatment of syphilis. F. L. Leites. Vest. ven. i derm. no. 3:49-50 My-Je '56.
Problem of subarachnoid hemorrhages in syphilis. M. T. Bril' and others. Vest. ven. i derm. no. 3:27-31 My-Je '56.
Results of pyreto therapy in primary and secondary forms of syphilis. I. I. Khokhutkin. Vest. ven. i derm. no. 3:32-33 My-Je '56.
Thymol test in syphilis. G. E. Shinskii. Vest. ven. i derm. no. 3:50-51 My-Je '56.
Use of tissue therapy in seroresistant syphilis. E. K. Reznikov. Vest. ven. i derm. no. 3:57 My-Je '56.

SYPHILIS—DIAGNOSIS
Importance of the dry-drop method in serological tests for syphilis. A. IA. Belikova. Vest. ven. i derm. no. 3:57-58 My-Je '56.

SYPHILIS—DIAGNOSIS—WASSERMANN REACTION
On 50th anniversary of the Wasserman reaction. L. S. Reznikova. Vest. ven. i derm. no. 3:33-37 My-Je '56.
Pseudopositive reactions. G. A. Zmechorovskaia. Vest. ven. i derm. no. 3:57 My-Je '56.

SYR DARYA—DAMS
Damming the Syr Darya River. A. A. Zhimskii. Gidr. i mel. 8 no. 7:41-45 Jl '56.

SYRIA—EDUCATION
Education in Syria. Nazim Moussly. Vsem. stud. nov. 10 no. 6/7:20 Je-Jl '56.

SYRIA—PETROLEUM—TRANSPORTATION
Syria, Lebanon, and the petroleum companies. Mezhdunar. zhizn' no. 6:122-123 Je '56.

SYRINGES
Continuous action syringe. N. M. Kozhevnikov, V. N. Belov. Voen.-med. zhur. no. 9:62-63 S '55.

SYROVA, M.
"A sketch about surgery." M. Syrova. Reviewed by I. Gol'dberg. Sib. ogni 35 no. 3:184-185 My-Je '56.

SYRPHUS FLIES see subdivision under Soviet Far East

SYRUPS
New developments in the production of liquid sugar in the U. S. A. ("This is liquid Sugar," 1955 "Zeitschrift für die Zuckerindustrie," no. 12 1955). Abstracted by E. E. Shneider. Sakh. prom. 30 no. 5:73-74 My '56.

SYSIN, ALEKSEI NIKOLAEVICH, 1870-1956
Aleksei Nikolaevich Sysin. Gig. i san. 21 no. 7:60-62 Jl '56.

SYSTEMS (CHEMISTRY)
The 400° isotherm of the $H_2O$-$SiO_2$ system in the pressure range up to 4000 kg/cm$^2$. N. I. Khitarov. Geokhimiia no. 1:62-66 '56.
Topology of quaternary reciprocal systems with complexing. A. G. Bergman, G. A. Bukhalova. Izv. Sekt. fiz.-khim. anal. 27:36-49 '56.

TABLE TENNIS
Meeting with Diana and Rosalinda. Mol. mira no. 4:6 '56.

TAGANROG—BOILERS
Dangerous diagonal. Mikh. Zlatogorov. Ogonek 34 no. 24:7-8 Je '56.

TAGORE, RABINDRANATH, 1861-1941
Rabindranath Tagore on libraries and librarians. I. Vugman. Bibliotekar' no. 8:38-40 Ag '56.

TAIGA
Organization of tick control in the taiga. S. G. Gladkikh, S. A. Shilova, N. N. Tkachenko. Voen. med. zhur. no. 3:67-69 Mr '56.
Sdobnikov, V.M. [Through taiga and tundra; a naturalist's notebook] Po taige i tundre; zapiski naturalista. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 230 p.

TAIPING REBELLION, 1850-1864 see subdivision under China

TAIWAN see Formosa

TAJIK LANGUAGE

Enrichment of the Tajik vocabulary under the influence of Russian. IA. I. Kalontarov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 7:91-101 '55.

TAJIK LANGUAGE—DIALECTS

Rastorgueva, V.S. [Studies in Tajik dialectology] Ocherki po tadzhikskoi dialektologii. Moskva, Izd-vo Akademii nauk SSSR.

No. 3. [The Leninabad and Kanibadam group of north Tajik dialects] Leninabadsko-kanibadamskaia gruppa severnykh tadzhikskikh govorov. 1956. 190 p.

TAJIK LANGUAGE—DICTIONARIES—RUSSIAN

Reaction to the "Tajik-Russian dictionary." B. V. Miller. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 7:89-90 '55.

TAJIK LANGUAGE—ETYMOLOGY

Vocabulary borrowings from Russian in the Uzbek and Tajik languages. Kh. A. Abdullaev. Rus. iaz. v shkole 17 no. 4:105-109 Jl-Ag '56.

TAJIK LANGUAGE—PARTICIPLE

Predicate combinations with participles in "gi" and "i" in modern literary Tajik. D. I. Edel'man. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 7:67-74 '55.

TAJIK LITERATURE—HISTORY AND CRITICISM

Beginning of a great discussion ("Outline history of Soviet Tajik literature." Part 1. Reviewed by N. Osmanov). Druzh. nar. no. 8:181-184 Ag '56.

TAJIK PHILOLOGY

Development of Tajik philology during the last 25 years. B. N. Nifazmukhamedov, A. S. Edel'man. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 6:11-26 '54.

TAJIKISTAN—ANTIQUITIES

Stone clubs from burial mounds and their analogies among the Tajiks. N. N. Ershov. Dokl. AN Tadzh. SSR no. 3:27-32 '52.

TAJIKISTAN—ARCHAEOLOGY

Principal stages in the study of the archaeology of Tajikistan as a Soviet science. B. A. Litvinskii. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 6:51-62 '54.

TAJIKISTAN—ARCHAEOLOGY—BIBLIOGRAPHY

Literature on the archeology of Tajikistan published in 1953. M. M. D'iakonov, B. A. Litvinskii. Dokl. AN Tadzh. SSR no. 11:81-84 '54.

TAJIKISTAN—COINS, ANCIENT

Discovery of coins in 1953 in Tajikistan. E. A. Davidovich. Dokl. AN Tadzh. SSR no. 11:69-79 '54.

TAJIKISTAN—COLLECTIVE FARMS

Strengthening collective farms in Tajikistan from the organizational and economic point of view (1930-1935). K. A. Bogomolova. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:47-67 '56.

TAJIKISTAN—COLLECTIVE FARMS—HISTORY

History of the struggle for complete collectivization in Northern Tajikistan. K. A. Bogomolova. Dokl. AN Tadzh. SSR no. 3:7-13 '52.

TAJIKISTAN—COPYRIGHT

Copyright law in the Tajik S. S. R. V. I. Koretskii. Uch. zap. Tadzh. un. 8:89-96 '55.

TAJIKISTAN—COTTON GROWING

Autumn chemical cutting of cotton plants. IU. V. Rakitin and others. Izv. Otd. est. nauk AN Tadzh. SSR no. 8: 201-209 '54.

Tasks of science in the further development of cotton growing in the Tajik S. S. R. IA. D. Nagibin. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:113-121 '54.

TAJIKISTAN—CRANE FLIES

New species of the crane flies (Diptera, Tipulidae) from the Tajik S. S. R. E. N. Savchenko. Dokl. AN Tadzh. SSR

, and the work
...my of Sciences

TAJIKISTAN—FLIES

Biology and ecology of the Wohlfahrt fly (Wohlfahrtia Magnifica Schin.). V. I. Sychevskaia. Dokl. AN Tadzh. SSR no. 12:41-45 '54.

TAJIKISTAN—GEOLOGY, STRATIGRAPHIC

Correlation of indeterminate upper Tertiary formations in Southern Tajikistan. S. IUsupova, V. D. Bosov. Dokl. AN Tadzh. SSR no. 14:7-11 '55.

Stratigraphy of Neocene conglomerates of the Isfara cone. K. P. Misnikov. Dokl. AN Tadzh. SSR no. 4:13-17 '52.

TAJIKISTAN—GEOLOGY, STRUCTURAL

Geological and petrographic properties of some of the earliest granitoid intrusions on the southern slope of Gissar range. R. B. Baratov. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:45-61 '54.

TAJIKISTAN—HERBICIDES

Herbicides in a struggle against weeds in pastures. O. I. Morozova. Dokl. AN Tadzh. SSR no. 2:13-18 '52.

TAJIKISTAN—HISTORIOGRAPHY

Historical science in Tajikistan during the last 25 years. A. A. Semenov, V. A. Kozachkovskii. Dokl. AN Tadzh. SSR no. 12:9-14 '54.

TAJIKISTAN—HISTORY

Land and water reform in Northern Tajikistan. N. S. Zhuravleva. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:11-38 '56.

Land and water reform in Southern Tajikistan (1924-1929). IA. Sharipov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:39-45 '56.

Twenty-fifth anniversary of the Tajik S. S. R. E. N. Pavlovskii. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:3-10 '54.

Twenty-fifth anniversary of the Tajik S. S. R. G. A. Aliev. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 6:5-10 '54.

TAJIKISTAN—HYDATIDS

Echinococcus in man in southern Tajikistan. N. Z. Monakov. Dokl. AN Tadzh. SSR no. 4:37-41 '52.

TAJIKISTAN—IRRIGATION

Next objects for irrigation in the Tajik S. S. R. V. A. Siartkov. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:99-112 '54.

TAJIKISTAN—KARAKUL SHEEP

Fattening Karakul sheep in mountain pastures. I. M. Arav. Dokl. AN Tadzh. SSR no. 4:31-36 '52.

TAJIKISTAN—MINES AND MINERAL RESOURCES

Development of a raw material supply for the Tajik ore-mining industry during the last 25 years. A. P. Nedzvetskii. Dokl. AN Tadzh. SSR no. 12:23-26 '54.

TAJIKISTAN—MYXOSPORIDIA

Myxosporidia of Tajikistan fish. S. A. Rostovshchikov. Dokl. AN Tadzh. SSR no. 2:47-52 '52.

TAJIKISTAN—PALEOGEOGRAPHY

Colloidal minerals and their role in paleogeographical study of the Neocene period in the southern Tajikistan lowland. S. IUsupova. Dokl. AN Tadzh. SSR no. 14: 23-28 '55.

TAJIKISTAN—PARTRIDGES

Habitat of tetraogallus in Tajikistan. A. V. Popov. Dokl. AN Tadzh. SSR no. 2:53-55 '52.

TAJIKISTAN—PASTURES AND MEADOWS

Prospects and methods for the creation of sowed meadows and pastures on nonirrigated grounds in Tajikistan (Pamirs excluded). A. P. Saverkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:177-199 '54.

Springtime pastures in the Garauty natural area. L. P. Sin'kovskii. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:123-141 '54.

TAJIKISTAN—PLANT LICE

Big cotton aphids in Tajikistan. M. N. Narzikulov. Dokl. AN Tadzh. SSR no. 2:19-23 '52.

Sexual generations of the big cotton aphid. M. N. Narzikulov. Dokl. AN Tadzh. SSR no. 12:37-40 '54.

TAJIKISTAN—POLITICS AND GOVERNMENT

The formation of the Tajik Autonomous Soviet Socialist Republic. V. G. Granberg. Uch. zap. Tadzh. un. 8:19-38 '55.

VOLUTION, 1917-1921

uggle to establish Soviet rule in Tajiki-
darov. Izv. Otd. obshchestv. nauk AN
1-40 '53.

IA

as carriers of ixodid ticks. E. F.
Tadzh. SSR no. 2:31-34 '52.

E SCALE

cal methods for controlling Comstock
a. Dokl. AN Tadzh. SSR no. 2:25-29

LOGY

-year study of earthquakes in Taji-
t. nauk AN Tadzh. SSR no. 8:143-155

TAJIKISTAN—SOCIAL LIFE AND CUSTOMS

Ethnographic work in Tajikistan. A. K. Pisarchik. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 6:63-71 '54.

TAJIKISTAN—STOCK AND STOCKBREEDING

Some problems in keeping dairy cattle in stalls on southern Tajikistan collective farms. N. G. Stepanova. Dokl. AN Tadzh. SSR no. 12:53-58 '54.

Some results of scientific research work of the Institute of Stockbreeding of the Academy of Sciences of the Tajik S. S. R. from 1949 to 1954. N. I. Soldatenkov. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:157-166 '54.

TAJIKISTAN—STOMATITIS

Noma in Tajikistan. A. T. Pulatov. Dokl. AN Tadzh. SSR no. 2:63-68 '52.

TAJIKISTAN—WORLD WAR, 1939-1945

Patriotic spirit of the workers in Tajikistan during the first months of the Great Patriotic War (June-December, 1941). L. P. Sechkina. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:69-79 '56.

TAJTY, LAKE—FISHERIES

"Introductory work on the fundamentals of the lake fishing industry" [in Polish]. Reviewed by V. M. Naumov. Zool. zhur. 35 no. 7:1101-1104 Jl '56.

TALAS VALLEY—ANTIQUITIES

Archaeological memorials in the distant lower reaches of the Talas. L. I. Rempel'. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:61-72 '56.

TALES, KOREAN

Garin-Mikhailovskii, N.G. [Korean folk tales] Koreiskie skazki. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 69 p.

TALLINN—ART—GALLERIES AND MUSEUMS

Riddle of the monogram. M. Gorelov. Neva no. 8:188 Ag '56.

TALLINN—CONCERTS

Tallinn. Sov. muz. 20 no. 7:111 Jl '56.

TALLINN—THEATER

"Living corpse." Teatr 17 no. 6:139-140 Je '56.

TAMBOV PROVINCE—COLLECTIVE FARMS

Landmarks of time. K. Bukovskii. Ogonek 25 no. 48:7-8 N '47.

Patriotic initiative of Tambov collective farmers during the Great Patriotic War (1942-1943). N. N. Sakharov. Ist. arkh. no. 3:3-17 My-Je '56.

TAMBOV PROVINCE—LEGUMES

Mechanized harvesting of pulse crops. I. G. Voropaev, M. F. Rogozheva. Zemledelie 4 no. 7:107-108 Jl '56.

TANK, MAKSIM, pseud.

The pathos of creation. V. Turbin. Druzh. nar. no. 7: 152-157 Jl '56.

TANK CARS

Heat engineering calculations for isothermal railroad tanks. B. Kitaev. Khol. tekh. 33 no. 2:55-57 Ap-Je '56.

TANK VESSELS

(see also subdivision under Denmark; Great Britain; Sweden)

Installing the steering gear of a tanker afloat. I. N. Ovchinnikov, N. I. Petrov. Sudostroenie 22 no. 4:30-32 Ap '56.

TANK VESSELS—CLEANING

Mechanized cleaning techniques for the petroleum tanker fleet. B. Sushkov. Mor. flot 16 no. 6:18-19 Je '56.

TANK VESSELS—MAINTENANCE AND REPAIR

Rapid repairing of the "VKP(b)" tank vessel. V. Shemtakin. Mor. flot 16 no. 6:25-26 Je '56.

TANKS

Assembling spheroidal storage tanks from pre-shaped metal rolls. IA. A. Rapoport. Stroi. pred. neft. prom. 1 no. 4:7-9 Je '56.

Continuous deployed installation of tank farms. B. V. Popovskii, A. L. Zil'berberg. Stroi. pred. neft. prom. 1 no. 1:14-19 Mr '56.

Deep-seated precast factory-made reinforced concrete tanks for petroleum products. V. A. Bunchuk. Stroi. pred. neft. prom. 1 no. 3:10-12 My '56.

Improved trap door. V. M. Orlov. Stroi. pred. neft. prom. 1 no. 5:31 Jl '56.

TANKS (MILITARY SCIENCE)

Tanker's Day. V. Orlovskii. Blok. agit. no. 24:16-17 Ag '56.

TANNING see subdivision under Yaroslavl

TANNINS

Chemistry of gelatin tanning. V. A. Veidenbakh. Zhur. prikl. khim. 29 no. 6:918-922 Je '56.

Oxidation of amino acids in the presence of tannic substances and polyphenoloxidase of tea [with English summary in insert]. V. R. Popov. Biokhimiia 21 no. 3:380-384 My-Je '56.

TANTALATES—ELECTRIC PROPERTIES
High dielectric permeability of niobates and tantalates of divalent metals. G. A. Smolenskii, V. A. Isupov, A. I. Agranovskaia. Dokl. AN SSSR 108 no. 2:232-235 My '56.

TANTALUM
Certain characteristics of tantalum geochemistry and types of tantalum mineralization. A. I. Ginzburg. Geokhimiia no. 3:74-83 '56.

TANTALUM OXIDES
Mechanism of the interaction of tantalum pentoxide with sodium hydroxide. V.I.Spitsyn, N.N.Shavrova. Zhur. ob. khim. 26 no. 5:1262-1266 My '56.

TAPEWORMS
Effect of certain external factors on the development of eggs of the tapeworm Diphyllobothrium latum L. [with English summary in insert]. V. G. Fedorov. Zool. zhur. 35 no. 5:652-656 My '56.

TAR
Complex utilization of domestic fuels in the Ukrainian S. S. R. Part 16. Composition of tar from lowland peat of the Ukrainian S. S. R. obtained in semicoking with a solid heat carrier. V. I. Kuznetsov, A. A. Bobrova. Ukr. khim. zhur. 22 no. 3:405-408 '56.
Effect of rate of heating in semicoking of coals on the quality of initial tar. IU. I. Turskii. Khim. i tekh. topl. no. 3:59-70 Mr '56.
Tar processing ("Chemical Age" Vol. 73 no. 1889 September, 1955). Koks i khim. no. 4:3 of cover '56.

TARASHCHA DISTRICT—FISHERIES
Our achievements won't stop us. F. IU. Buhai. Sots. tvar. 28 no. 8:29 Ag '56.

TARASOV, PETR
"Aleksandropol' stronghold." Petr Tarasov. Reviewed by Valentin Boguslavskii. Lit. Azerb. 14 no. 7:83-85 Jl '56.

TARNAVSKII, ALEKSANDR
Recordholder Aleksandr Tarnavskii. D. Vadimov. Sov. muz. 16 no. 8:22 Ag '56.

TARTRATES
Volumetric determination of trivalent cerium with the aid of tartrates. V. V. Oshcapovskii. Ukr. khim. zhur. 22 no. 3:383-386 '56.

TARTU—OPERA
"Vikerlased"; Estonian opera in Tartu. H. Aumere. Sov. muz. 20 no. 6:100-105 Ag '56.

TASHKENT—BUILDING TRADES—STUDY AND TEACHING
Are six building-trade technical schools needed in one city? I. L. Zimon. Sred. spets. obr. no. 7:50-51 Jl '56.

TASHKENT—CHEMISTRY, MEDICAL AND PHARMACEUTICAL
Industrial practice in pharmaceutical chemistry at the Tashkent Pharmaceutical Institute. A. A. Tatarenko. Apt. delo 5 no. 4:32-33 Jl-Ag '56.

TASHKENT—NEWSPAPER AND PERIODICAL CIRCULATION
Stop speaking and start acting. L. Bekshenev. Raspr. pech. no. 7:6 Jl '56.

TASHKENT—PETROLEUM—STORAGE
From work practices of efficiency promoters of the Tashkent tank farm. V. A. Avnapov. Neft. khoz. 34 no. 6:62-63 Je '56.

TASHKENT—THEATER
"Fortress on the Bug." Teatr 17 no. 6:142 Je '56.
On the stages of the capital. Sots. Uz. 16 no. 6:10 Je '56.

TASHKENT RESERVOIR
Tashkent Sea. K. Belotserkovskii. Sots. Uz. 16 no. 6: 14-15 Je '56.

TATAR A.S.S.R.—AGRICULTURE—STUDY AND TEACHING
In close touch with life. V. K. Konstantinov. Sel'khoz. Povol. no. 6:77-78 Je '56.

TATAR A. S. S. R.—PETROLEUM GEOLOGY
Sakmara petroleum of the Tatar A. S. S. R. A. M. Mel'nikov, L. I. Dobroserdov. Neft. khoz. 34 no. 6:40-48 Je '56.

TATAR A. S. S. R.—REVOLUTION OF 1905
Akademiia nauk SSSR. Kazanskii filial. Institut iazyka, literatury i istorii. [Tatarstan in the days of the first Russian revolution] Tatariia v dni pervoi russkoi revoliutsii. Kazan', Tatknigoizdat, 1955, 89 p.

TATAR A.S.S.R.—SUGAR BEETS
Development of sugar beet growing in the Tatar A. S. S. R. E. A. Tonkal', N. V. Kutsuruba, Sakh. svekl. no. 4: 18-20 Je '56.

TATAR A.S.S.R.—THEATER—MUSEUMS AND COLLECTIONS
New exhibits in the Tatar State Museum. Teatr 17 no. 7:185 Jl '56.

TATAR A.S.S.R.—WATER, UNDERGROUND
Formation of underground waters at the Tatar anticline. S. G. Kashtanov. Dokl. AN SSSR 108 no. 4:715-717 Je '56.

TATAR MUSIC see Music, Tatar

TATUNG, CHINA—CEMENT INDUSTRIES
The Tat'ung Cement Plant. Nar. Kit. no. 9:27 My '56.

TAUSON, VLADIMIR OTTONOVICH, 1894-1946
Vladimir Ottonovich Tauson; obituary. A. A. Prokof'ev. Trudy Inst. fiziol. rast. 6 no. 1:3-8 '48.

TAX COLLECTION
For thorough improvement in the work of financial organs relative to taxes and state deliveries. V. Babushkin. Fin. SSSR 17 no. 6:14-22 Je '56.

TAXATION see subdivision under Bukhara; Georgia; Italy

TAXICABS see subdivision under Germany, West

TAYLOR'S SERIES (MATHEMATICS) see Series, Taylor's

TBILISI see Tiflis

TEA
(see also subdivision under Kazakhstan)
Effect of watering on the growth and differentiation of tea buds and young shoots. M. A. Ali-Zade. Trudy Inst. zool. AN Azerb. SSR 3:101-112 '55.

TEA TRADE
Present situation in the tea market [with summary in English, p. 31-32]. E. Korotkova. Vnesh. torg. 26 no. 6:16-21 Je '56.

TEACHERS
Prepare for the August conferences. Nar. obr. no. 7: 34-36 Jl '56.
Sixth Congress of the Trade Union of Elementary and Secondary School Workers of the R. S. F. S. R. Nach. shkola 24 no. 7:61-62 Jl '56.

TEACHERS, TRAINING OF
Effecting a harmony of pedagogical theory and practice. S. V. Nikiforov. Sov. pedag. 20 no. 7:27-32 Jl '56.
Practice of two-year pedagogical schools. N. K. Nar. obr. no. 6:76-77 Je '56.
The secondary school must be the center of work on teaching methods. A. Tokarev. Nar. obr. no. 7:16-23 Jl '56.
Training teachers for the primary grades. A. Kumanev. Nar. obr. no. 8:43-49 Ag '56.
Work practice of a supervisor of an educational unit including grades. R. S. Afanas'eva. Nach. shkola 24 no. 7:33-37 Jl '56.
Work with engineering teaching personnel. V. Anashkin. Prof.-tekh. obr. 13 no. 6:4-6 Je '56.

TEACHERS AND PARENTS see Home and school

TEACHING
(see also subdivision under Georgia; Kirghizistan)
Akademiia pedagogicheskikh nauk RSFSR, Moscow. [Pedagogy] Pedagogika. Pod red. I. A. Kairova i dr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 436 p.
A book with great defects ("The reasons for student failures and ways to overcome them," A. M. Gel'mont. Reviewed by M. S. Novikov. Sov. pedagog. 20 no. 7: 112-116 Jl '56.
The consolidation of new subject matter in the various stages of the learning process. I. V. Popov. Sov. pedag. 20 no. 7:57-66 Jl '56.
Developing student initiative. I. L. Palitvota'. Rad. shk. 35 no. 5:37-40 My '56.
For coordinated teacher activity. L. O. Chernilov. Sred. spets. obr. no. 7:36-40 Jl '56.
Forms of collaboration between teachers in higher and secondary education. K. N. Sokolov. Sov. pedag. 20 no. 7:122-123 Jl '56.
The independent work of students has to be guided. V. A. Syavolia. Sred. spets. obr. no. 8:11-15 Ag '56.
Methodological work at school. P. V. Titkov. Rad. shk. 35 no. 6:28-35 Ag '56.
"Notes of a schoolmistress." M. P. Daminova. Reviewed by N. Svetlovskii. Nach. shkola 24 no. 9:61 S '56.
Overcome backwardness in work on methods. Sred. spets. obr. no. 8:3-6 Ag '56.
Planning teaching. I. IU. Gubanov. Nach. shkola 24 no. 8:31-36 Ag '56.
Planning the teacher's school program. V. R. Dvoretskii. Sred. spets. obr. no. 7:14-18 Jl '56.
"Principles and rules of instruction in the Soviet school." S. I. Akkerman. Reviewed by E. I. Perovskii. Sov. pedagog. 20 no. 7:116-118 Jl '56.
Sroda, R. B. [Training students in activity and independence in their studies] Vospitanie aktivnosti i samostoiatel'nosti uchashchikhsia v uchenii. Pod red. A. M. Gel'monta. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 54 p. (Pedagogicheskie chtenila)
A teacher's pedagogical diary. I. I. Kydanova. Nach. shkola 24 no. 9:17-19 S '56.
A teacher's system. N. V. Kuz'mina. Nach. shkola 24 no. 8:17-22 Ag '56.
The teacher's tact. P. F. Iniutin. Nach. shkola 24 no. 7:43-45 Jl '56.
Testing students' knowledge in an evening division. A. I. Kuznetsov. Sred. spets. obr. no. 7:46-47 Jl '56.
What our experience teaches. V. I. Cheplevskii. Sred. spets. obr. no. 7:32-37 Jl '56.
Working out methods. V. G. Putilin. Sred. spets. obr. no. 8:7-11 Ag '56.

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under China

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION
(see also subdivision under Czechoslovakia; France; Gorkiy; Karelia; Kharkov Province; Kiev; Korea, North; Leningrad; Moscow; Nezhin; Ordzhonikidze; Shanghai; Siberia; Sweden, Ukraine; Ural Mountain region; Zhdanov)
Aid to technical education. A. Elenevskaia, G. Sheveleva. Bibliotekar' no. 7:20-23 Jl '56.
Applied science instruction in physics for grades 9 and 10 at lessons and in extracurricular work. I. G. Tkachenko. Rad. shk. 35 no. 7:20-27 Jl '56.
At new construction projects in the East. Sred. spets. obr. no. 7:7-10 Jl '56.
Beginning of a great course. E. Pomerantseva. Novyi mir 32 no. 7:3-15 Jl '56.
Brief news. Sred. spets. obr. no. 7:63-64 Jl '56.
Conducting courses on advanced techniques at the plant. N. I. Loi. Metallurg no. 6:37-38 Je '56.
Conference of directors of pedagogical institutes' schools. A. Shagova. Nar. obr. no. 6:75-76 Je '56.
Constant attention to the schools for working youth. V. Moiseev. Nar. obr. no. 6:32-36 Je '56.
For a closer connection between training and practice. Prof.-tekh. obr. 13 no. 6:1-2 Je '56.
For the further development of applied science instruction in general education schools. I. K. Kadyrov. Rad. shk. 35 no. 7:3-8 Jl '56.
For what purpose are technical schools established. S. Rozenberg. Otv. na. vop. trud. no. 68:16-22 '56.
From the experience of Pskov Province teachers (Realization of technical training in schools." Reviewed by M. Terkhin). Nar. obr. no. 8:71-73 Ag '56.
Improve the quality of technician training in every way. A. I. Shanin. Sred. spets. obr. no. 7:24-27 Jl '56.
Improving the polytechnical training of students. Fiz. v shkole 16 no. 4:3-5 Jl-Ag '56.
In the struggle for technological progress; through the rooms of the pavilion "Higher institutions of learning in the U. S. S. R." at the All-Union Industrial Exhibition. G. M. Pratusevich. Vest. vys. shkoly 14 no. 8: 51-55 Ag '56.
Incorporate the achievements of science and technology into the teaching program. N. I. Nazarov. Vest. vys. shkoly 14 no. 8:1-4 Ag '56.
Industrial training in a general school. IE. Kh. Liatker. Rad. shk. 35 no. 5:30-32 My '56.
Industrial training of students in a chemical plant. D. P. Erygin. Khim. v shkole 11 no. 4:65-67 Jl '56.
Information. Prof.-tekh. obr. 13 no. 6:32-33 Je '56.
Let us put into effect the decisions of the 20th Congress of the Communist Party of the Soviet Union. P. A. Murin. Sred. spets. obr. no. 6:3-7 Je '56.
Organize time spent in industrial training better. V. K. Demydenko, S. M. Sokolova'kyi. Rad. shk. 35 no. 5:27-30 My '56.
Pamphlets on training future workers. N. Lavrenov. Mol. komm. 14 no. 7:126-128 Jl '56.
Prospects for stengthening the school's educational program and increasing equipment. P. Morenov. Nar. obr. no. 6:23-31 Je '56.
Raise the level of industrial and agricultural preparation of students. Khim. v shkole 11 no. 4:3-6 Jl '56.
Road to life. B. Soskin. Smena 33 no. 13:14-15 Jl '56.
Skatkin, M.N. [General technical instruction at the present stage of school development] Politekhnicheskoe obuchenie na sovremennom etape razvitila shkoly. Moskva, Izd-vo "Znanie," 1956, 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 33)
Some aspects of organizing the study program correspondence technical school. M. IU. Zaichik. Sred. spets. obr. no. 8:46-50 Ag '56.
Some aspects of work in school workshops. N. TSeitlin. Nar. obr. no. 7:48-51 Jl '56.
Starting jobs in plants and building projects with a graduation certificate. Bor. Mikhailov. Ogonek 34 no. 24:6 Je '56.
The subject matter and method of conducting laboratory work. L. I. Moroz. Sred. spets. obr. no. 7:19-24 Jl '56.
Technical council of the artel. A. Makarenko. Prom. koop. no. 5:24-25 My '56.
"Work technology outside the class." IU. V. Sharov. Reviewed by N. K. Nar. obr. no. 8:73 Ag '56.

TECHNICAL EDUCATION—EXHIBITIONS
Clever fingers. K. Taradankin. Sov. zhen. 12 no. 8: 28-29 Ag '56.

TECHNICAL JOURNALISM see Journalism, Technical

TECHNICAL LIBRARIES
Reaction to V. G. Sakharov's article. IU. Vasil'eva. Bibliotekar' no. 7:35-36 Jl '56.

TECHNOLOGY
Around the world. Tekh. mol. 24 no. 6:27 Je '56.
Around the world. Tekh. mol. 23[i.e. 24] no. 7:16-17 Jl '56.
Around the world. Tekh. mol. 24 no. 8:28-29 Ag '56.
Brief correspondence. Tekh. mol. 24 no. 6:14-15 Je '56.
Brief correspondence. Tekh. mol. 23[i.e. 24] no. 7: 10-11 Jl '56.
Brief correspondence. Tekh. mol. 24 no. 8:6-7 Ag '56.
Development of technology in the sixth five-year plan. I. Abramov. Voen. znan. 31[i.e. 32] no. 5:5-6 My '56.
"Inquisitive mind" club. Tekh. mol. 23[i.e. 24] no. 7:35 Jl '56.
Man and modern technology. O. Nagevich. Klub 6 no. 6: 20-21 Ag '56.
Order desk. Tekh. mol. 24 no. 6:33 Je '56.
Physics, chemistry, geology, technology, mechanics, mathematics, astronomy, biology, medicine and agriculture; reviews [of foreign literature]. Nov. knigi za rub. 9 no. 6:3-131 Je '56.
Publicize widely the latest achievements of science and technology. Bibliotekar' no. 7:1-4 Jl '56.
The relation between the natural sciences and the materially productive activity of man. Kh. M. Fataliev. Vest. Mosk. un. 11 no. 4:73-81 Ap '56.
Science and technology in foreign countries. Ogonek 34 no. 25:22 Je '56.
The Technology House is the center of technical propaganda in industry. E. V. Borovitskii. Metallurg no. 7: 37-38 Jl '56.
Ways to determine the economic efficiency of the introduction of modern technology. G. Levin. Vop. ekon. no. 8:59-74 Ag '56.
What's new. Sov. Soiuz no. 8:34-35 Ag '56.

TECHNOLOGY—DICTIONARIES, RUSSIAN
Brief polytechnical dictionary. Reviewed by L. I. Reznikov. Fiz. v shkole 16 no. 4:81-82 Jl-Ag '56.

TECHNOLOGY—HISTORY
Coats-of-arms of Russian cities during the 18th century as sources for the history of technology. A. A. Uranosov. Trudy Inst. ist. est. i tekh. 7:225-232 '56.

TECHNOLOGY—PERIODICALS
Disseminate printed matter skilfully. L. Borisov. Raspr. pech. no. 8:9 Ag '56.
Notice about "IUnyi tekhnik." Tekh. mol. 23[i.e. 24] no. 7:25 Jl '56.

TEETH
Determining the chewing function of the different human teeth. N. I. Agapov. Stomatologiia 35 no. 3:40-46 My-Je '56.

TEETH—ABNORMALITIES AND DEFORMITIES
Additional protuberances of human teeth, of the type of tuberculum anomale Carabelli. Stomatologiia 35 no. 3:59 My-Je '56.
Indication for orthodontic treatment related to age; on IA. S. Khurgina's article. M. M. Kholmskaia. Stomatologiia 35 no. 3:53-54 My-Je '56.
On V. IU. Kurliandskii's article "Modern orthopedic stomatology and new ways for its development." V. Galkin. Stomatologiia 35 no. 3:54-55 My-Je '56.

TEETH—DISEASES
Differential diagnosis of pulpitis. L. R. Rubin. Stomatologiia 35 no. 3:12-13 My-Je '56.
Materials on the comparative pathology of the jaws and teeth structure. S. A. Nikitin, O. S. Tronova. Stomatologiia 35 no. 3:3-8 My-Je '56.

TEETH—INNERVATION
Innervation of dental tissue. E. V. Mal'ko. Stomatologiia 35 no. 3:8-12 My-Je '56.

TEHERAN—CONCERTS
In the Iranian capital. Tat'iana Nikolaeva. Nov. vrem. 14 no. 26:24-25 Je '56.

TELECOMMUNICATION
(see also subdivision under Czechoslovakia; Drogobych Province; Stavropol Territory)
Employ all means to increase labor productivity in communication enterprises. Vest. sviazi 16 no. 4: 1-2 Ap '56.
How we are improving educational work in district communications offices. N. A. Suvinov. Vest. sviazi 16 no. 4:18-20 Ap '56.
New standards and rates for construction and installation work in communications. A. A. Konarevskii. Vest. sviazi 16 no. 4:27-28 Ap '56.
Propagation and dissemination of advanced experience is a task of importance to the state. Vest. sviazi 16 no. 7:1-2 Jl '56.
Remove shortcomings in the organization of efficiency innovators' work in communications enterprises. A. V. Gavrilov. Vest. sviazi 16 no. 7:30-31 Jl '56.
The science and development of wire communications technology. V. I. Kovalenkov. Vest. AN SSSR 26 no. 6:65-71 Je '56.
Vishnevskii, A. A. [Capital assets of communication industries and their use] Osnovnye fondy sviazi i ikh ispol'zovanie. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 43 p. (Lektsii po ekonomike sviazi)
Work of the laboratory seminar on scientific problems in wire communication carried out in the first half of 1954. Sbor. nauch. rab. po prov. sviazi. no. 5:118-119 '56.

TELECOMMUNICATION—ACCOUNTING
Method for determining the income of communications enterprises for services rendered. I. A. Podgorodetskii. Vest. sviazi 16 no. 4:14-16 Ap '56.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELECOMMUNICATION—EMPLOYEES
Young post and telegraph workers go to the new construction projects. Vest. sviazi 16 no. 7:18-19 Jl '56.

TELECOMMUNICATION—EXHIBITIONS see subdivision under Hannover

TELECOMMUNICATION—PATENTS
New patents. Elektrosviaz' 10 no. 7:80 Jl '56.

TELECOMMUNICATION—SAFETY MEASURES
More attention to safety measures in communications enterprises. R. M. Likhtin. Vest. sviazi 16 no. 7:28-29 Jl '56.

TELECOMMUNICATION—STUDY AND TEACHING
Constantly improve the qualifications of communications workers. Vest. sviazi 16 no. 4:21-23 Ap '56.
Show concern for young specialists. V. F. Poltavtsev. Vest. sviazi 16 no. 7:23-25 Jl '56.

TELEGRAPH
Introduction of complete automation of telegraph communication. A. V. Ostroumov. Vest. sviazi 16 no. 4: 17-18 Ap '56.
Optimum communication quality indices for subscriber telegraph. V. I. Grigor'ev. Elektrosviaz' 10 no. 8:69-73 Ag '56.

TELEGRAPH—APPARATUS AND SUPPLIES
Electronic device for measuring signal distortions in start-stop telegraph apparatus. A. V. Gorbunov. Vest. sviazi 16 no. 7:5-8 Jl '56.
Preventive maintenance and repair of telegraph equipment. A. G. Smiriagin. Vest. sviazi 16 no. 7:20-21 Jl '56.
Universal tone amplifier-rectifier. Vest. sviazi 16 no. 4:30 Ap '56.

TELEGRAPH LINES
VS-3 apparatus for compositing steel circuits. N. A. Zisman and others. Vest. svizi 16 no. 7:11-13 Jl '56.

TELEGRAPH STATIONS
Our methods for increasing the income of the telegraph office. A. N. Listrova. Vest. sviazi 16 no. 4:26 Ap '56.

TELEMETERING
Increasing the rapid action of impulse-selector devices. R. A. Persianov, B. K. Shchukin. Izv. AN SSSR. Otd. tekh. nauk no. 7:17-24 Jl '56.
New method of communication for main gas pipelines. P. F. Selivanov. Stroi. pred. neft. prom. 1 no. 1:11-13 Mr '56.

TELEPHONE
(see also subdivision under United States)
Improve long distance telephone service. Vest. sviazi 16 no. 7:2 Jl '56.
Subdividing city telephone systems into exchange districts. I. M. Zhdanov. Sbor. nauch. rab. po prov. sviazi. no. 6: 25-64 '56.

TELEPHONE—APPARATUS AND SUPPLIES
Amplifier cabinet. Vest. sviazi 16 no. 7:32 Jl '56.
Cabinet for amplifier control units. Vest. sviazi 16 no. 7:32 Jl '56.
Device for determining the quality of selenium rectifiers. Vest. sviazi 16 no. 7:32 Jl '56.
Kuznetsov, E. K. [Telephone apparatus] Telefonnye apparaty. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 295 p.
Noise in telephone circuits produced by contacts of the ATS-47 selector and methods for reducing it. V. A. Godlevskii. Vest. sviazi 16 no. 4:8-10 Ap '56.
TASI wall set. N. V. Zakharova. Vest. sviazi 16 no. 4:13 Ap '56.

TELEPHONE—HANDBOOKS, MANUALS, ETC.
Mazel', S. I., and V. A. Danilov. [[City telephone lineman] Monter-spaishchik gorodskikh telefonnykh setei. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 112 p. (Posobiia dlia sviazistov massovykh professii)

TELEPHONE, AUTOMATIC
(see also subdivision under Netherlands; Switzerland; United States)
Designing fully practicable switch systems. A. D. Kharkevich. Sbor. nauch. rab. po prov. sviazi. no. 5:79-92 '56.
Equivalent circuit for separating bridges of 10-terminal step-by-step automatic telephone systems. IA. G. Koblents. Elektrosviaz' 10 no. 8:74-76 Ag '56.
Expansion and automatization of the means for city telephone communication. V. S. Kasatkin. Vest. sviazi 16 no. 4:2-3 Ap '56.

TELEPHONE, WIRELESS
Dubrovin, B. F. [Radiotelephonic communication with moving objects] Radiotelefonnaia sviaz' s podvizhnymi ob"ektami. Moskva, Gos. energ. izd-vo, 1956. 64 p. (Massovaia radiobiblioteka, no. 240)

TELEPHONE CABLES
Resonant two-terminal networks for tuning long-distance cables. IU. D. Farber. Vest. sviazi 16 no. 4:6-8 Ap '56.

TELEPHONE STATIONS—EQUIPMENT AND SUPPLIES
Telephone station distributing system for LAZ power supply. Vest. sviazi 16 no. 4:2 of cover Ap '56.

TELEPHONE SWITCHBOARDS
(see also subdivision under Moscow)
Device for testing incoming switchboard connectors. Vest. sviazi 16 no. 7:32 Jl '56.
Ten-line relay switchboard without battery power supply. Elektrosviaz' 10 no. 8:77 Ag '56.

TELEVISION
(see also subdivision under Frunze; Great Britain; Poltava)
Demodulation of modulated television signals having unsymmetrical side bands. A. K. Oksman. Elektrosviaz' 10 no. 7:3-21 Jl '56.
Investigation of the effect of an accompanying flow on the quality of the television image and normalizing the magnitude of the accompanying flow. V. M. Shtein. Sbor. nauch. rab. po prov. sviazi. no. 5:9-24 '56.
Movies by telephone. Jean Verdier. V zashch. mira no. 62/03:111-114 Jl-Ag '56.
Television at home. F. G. Korotkov. Zdorov'e 2 no. 8:20 Ag '56.
Underwater television. E. Buzov. Radio no. 7:52-53 Jl '56.

TELEVISION—ANTENNAS see subdivision under Sverdlovsk

TELEVISION—APPARATUS AND SUPPLIES
Instrument for the control of frequency characteristics of video amplifiers. Z. V. Margachev. Izm. tekh. no. 3:56-59 My-Je '56.

TELEVISION—PICTURE TUBES
The 40LK1B kinescope in the "KVN-49-4" television receiver. A. Piltakian. Radio no. 7:41-44 Jl '56.
New kinescopes. V. Antsimov. Radio no. 7:38-39 Jl '56.
Rectangular picture tube. M. Sterligova. Tekh. mol. 24 no. 8:14-16, 30 Ag '56.

TELEVISION—RECEIVERS AND RECEPTION
(see also subdivision under Czechoslovakia)
"Belarus'" television receiver. Vest. sviazi 16 no. 4: 2 of cover Ap '56.
The 40LK1B kinescope in the "KVN-49-4" television receiver. A. Piltakian. Radio no. 7:41-44 Jl '56.
"KVN'49" television receiver utilizing the 31LK2B kinescope. A. Petrukhin. Radio no. 7:40-41 Jl '56.
"KVN-49-4" television receiver employing the 31LK2B kinescope. IU. Tokmakov. Radio no. 7:44, 46 Jl '56.
New models of television receivers (Funkschau January 1956). Radio no. 7:61 Jl '56.

TELEVISION—TRANSMITTERS AND TRANSMISSION
New methods of measuring the characteristics of television channels. M. I. Krivosheev. Elektrosviaz' 10 no. 7:22-30 Jl '56.

TELEVISION, COLOR see Color television

TELEVISION IN HEALTH EDUCATION see subdivision under Czechoslovakia

TELEVISION IN INDUSTRY
Industrial processes controlled by television. N. Pokidov. Blok. agit. no. 25:14-20 S '56.

TELEVISION PLAYS see subdivision under Leningrad

TELEVISION STATIONS
Operation of the PTS-52 mobile television station. A. N. Budrin, S. E. Soroka-Mozyrskii. Vest. sviazi 16 no. 4:20-21 Ap '56.

TELLURIUM
Decomposition voltage of silver and tellurium nitrate solutions. Z. S. Medvedeva. Izv. Sekt. fiz.-khim. anal. 27:150-156 '56.

TELLURIUM-SILVER ALLOYS see Silver-tellurium alloys

TEMPERATURE—PHYSIOLOGICAL EFFECT
Effect of temperature on low- and high-frequency electric conductivity of blood and its connection with the structure of erythrocytes. K. S. Trincher. Biofizika 1 no. 2: 113-119 '56.
Effect of temperature on the excitability of peripheral nerves in cold-blooded and warm-blooded animals (reptiles, birds). D. N. Nasonov, I. P. Suzdal'skaia. Biofizika 1 no. 4:305-312 '56.

TEMPERATURE, ANIMAL AND HUMAN see Body temperature

TEMPERATURE, LOW see Low temperature research

TEMPERING
Causes for the formation of irreversible temper brittleness. B. A. Stetsenko. Metalloved. i obr. met. no. 7:35-38 Jl '56.
Effect of the speed of quenching after tempering on the mechanical properties of steel. D. IA. Vishniakov. Sbor. Inst. stali no. 31:133-139 '53.

TENDRIAKOV, V.
Difficult path ("Sasha sets out." V. Tendriakov. Reviewed by K. Lebedeva). Zvezda no. 9:182-184 S '56.
"Ruta." V. Tendriakov. Reviewed by IU. Kapusto. Novyi mir 32 no. 9:254-257 S '56.
Together with the people ("Sasha starts out on a trip." V. Tendriakov. Reviewed b S. Babenysheva). Druzh. nar. no. 7:157-162 Jl '56.

TENDRILS
Effect of tendrils on the quality of grapes. S. A. Mel'nik, V. K. Anisimova. Sad. vin. Mold. 11 no. 3:37-39 My-Je '56.

TENNIS
Our problems. V. Kollegorskii. Fizk. i sport 26 no. 7:21 '56.

TERENIN, ALEKSANDR NIKOLAEVICH, 1896-
Academician A. N. Terenin; on his 60th birthday. A. T. Vartanian. Zhur. fiz. khim. 30 no. 5:962-967 My '56.
Celebration in honor of Academician A. N. Terenin. Vest. AN SSSR 26 no. 8:86-87 Ag '56.

TERNOPOL PROVINCE—HAY
More high-quality hay for farm animals. M. H. Barabash. Sots. tvar. 28 no. 6:18-21 Je '56.

TERNOPOL PROVINCE—LIBRARIES AND READERS
Unnecessary shortcomings. M. Kolomiitseva, S. Bohdanovych. Sots. kul't. 9 no. 6:34-35 Je '56.

TERRACING see subdivision under Kazakhstan; Soviet Central Asia

TERRESTRIAL ELECTRICITY
(see also subdivision under Dusheti; Georgia; Tskhisdzhvari)
Electromotive force induction in wires while measuring electric currents in the ocean. L. A. Korneva. Trudy MGI 7:27-31 '56.
Experimental studies of phenomena of electromagnetic field formation in a multilayered medium. N. P. Vladimirov and others. Izv. AN SSSR, Ser. geofiz. no. 6:708-711 Je '56.
Nonpolarizing diffusion electrodes for measuring weak currents occurring in any medium. S. IA. Turlygin, N. A. Karelina. Trudy MGI 7:15-26 '56.
Some data on the reciprocal relations between earth electric currents and the geomagnetic field. V. V. Kobulnadze. Trudy Inst. geofiz. AN Gruz. SSR 12:57-72 '53.
The study of earth currents. A. V. Bukhnikashvili. Trudy Inst. geofiz. AN Gruz. SSR 14:115-170 '55.

TERRITORIAL WATERS see subdivision under United States

TERSKEI ALA-TAU—GLACIERS
Ancient and contemporary glaciation of the Terskei Ala-Tau Mountain Ridge and level fluctuations of the Issyk-Kul Lake. R. D. Zabirov. Izv. AN Kir. SSR no. 2:73-100 '56.

TERSKEI ALA-TAU—SNOW
Some regularities of the distribution and conditions of snow cover in the forest-meadow-steppe zone of the Terskei Ala-Tau slopes. M. I. Iveronova. Trudy Inst. geog. no. 67:11-36 '56.

TERSKEI ALA-TAU—SOILS
Formation of fine-grained accumulations in tali and alluvium fans in the mountain forest zone of the Terskei Ala-Tau. M. A. Glazovskaia. Trudy Inst. geog. no. 67: 37-53 '56.

TESLA, NIKOLA, 1856-1943
Birthday centennial of Nikola Tesla. V. IU. Roginskii. Fiz. v shkole 16 no. 4:87-88 Jl-Ag '56.
Evening dedicated to the 100th anniversary of the birth of Nikola Tesla. Slaviane no. 8:63 Ag '56.
A life dedicated to science. B. Rzhonsnitskii. Ogonek 34 no. 28:29 Jl '56.
Nikola Tesla. G. Babat. Slaviane no. 7:51-53 Jl '56.
Nikola Tesla. V. Roginskii. Radio no. 7:14 Jl '56.
Nikola Tesla (on the occasion of the 100th anniversary of his birth). L. G. Davydova, V. M. Rodionov. Vest. AN SSSR 26 no. 7:90-93 Jl '56.
Nikola Tesla on Soviet Russia. A. Vinogradov. Slaviane no. 8:37-38 Ag '56.
Remarkable Yugoslavian scientist. V. P. Petrov. Nauka i zhizn' 23 no. 7:33-34 Jl '56.

TESLENKO, ARKHYP IUKHYMOVYCH, 1862-1911
Linguistic and stylistic characteristics of the narration in Arkhyp Teslenko's works. S. M. Kryvoruchko. Dop. in pov. L'viv. un. no. 3, pt. 1:23-25 '52.

TESTING MACHINES
Instructions for checking testing machines and instruments. Izm. tekh. no. 3:63 My-Je '56.
Methods for elimination of friction in measuring units of testing machines and instruments. I. S. Begatyrev. Tren. i izn. mash. no. 7:195-204 '53.
New machine in the metals laboratory of the Leningrad Metallurgical Plant. Energomashinostroenie no. 5:24 My '56.

TESTOSTERONE
Testosterone propionate in the treatment of the reactive of lepromа. V. K. Loginov. Vest. ven. i derm. no. 3: 55 My-Je '56.

TETANUS—PREVENTIVE INOCULATION
Effectiveness of various programs for immunizing people with purified adsorbed tetanus anatoxin. A. A. Vorob'ev, O. B. Bron, V. IA. Rodinkina. Zhur. mikrobiol. epid. i immun. 27 no. 7:79-86 Jl '56.

TETRAETHYL LEAD
Vainshtein, G.R. [Tetraethyl lead and methods for detecting it in the air] Tetraetilsvinets i metody ego opredeleniia v vozdukhe. Baku, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Azerbaidzhanskoe otd-nie, 1950. 25 p. [MICROFILM]

TEVELEV, MATVEI GRIGOR'EVICH
Stories about Transcarpathia ("Hotel in Snegovets." Matvei Tevelev. Reviewed by A. Savchuk). Sov. Ukr. 6 no. 6:176-178 Je '56.
Trip through the Verkhovina ("Hotel in Snegovets." M. Tevelev. Book review). Druzh. nar. no. 7:184 Jl '56.

TEVELEVA, RAISA
Raisa Tevelevа's gold medal. A. Grigor'ev. Ogonek 34 no. 32:8 Ag '56.

TEXTBOOKS
(see also subdivision under Riga)
In the Ministry of Higher Education of the U. S. S. R. Srod. spets. obr. no. 8:64 Ag '56.
Textbooks are written for children. Aleksandr Ivich. Novyi mir 32 no. 6:202-211 Je '56.

TEXTILE FABRICS
(see also subdivision under Khust)
A dynamic method of determining the rate of moisture evaporation and the hygroscopic capacity of garment fabrics. D. A. Zil'ber. Gig. i san. 21 no. 7:18-23 Jl '56.

TEXTILE FABRICS—TESTING
Effect of separate testing parameters on the degree of shrinkage in staple fabrics and methods of determining this degree. N. IA. Trot'inkova. Standartizatsiia no. 3: 62-68 My-Je '56.

TEXTILE FIBERS, SYNTHETIC
"Chemical" fibers. D. N. Arkhangel'skii. Nauka i zhizn' 23 no. 6:20-21 Je '56.
Studies on the structure of synthetic polyamide fibers. Part 8. The heats of solution of crystalline and amorphous modifications of polycaproiactam (with English summary in insert). Koll. zhur. 18 no. 3:315-320 My-Je '56.

TEXTILE INDUSTRY
(see also subdivision under Chernigov; Ivantoyevka (Moscow Province); Italy)
Outstripping time. G. Khodorov. Mosk. prop. 13 no. 7: 61-64 Jl '56.
Production and consumption of textile products in the U. S. S. R. A. Korneev. Vop. ekon. no. 7:43-56 Jl '56.
Unutilized resources. S. M. El'kin. Les. khoz. 9 no. 6: 94 Je '56.
What gave us over-all mechanization of production. I. Karnaev. Blok. agit. no. 27:30-30 S '56.

TEXTILE INDUSTRY—ACCOUNTING
Keeping records on the operation of machinery, output, and wages in the textile industry using tabulating machines. N. Drozdov, L. Fel'dman. Bukhg. uchet 15 no. 7:19-26 Jl '56.

TEXTILE INDUSTRY—PRODUCTION STANDARDS
Drive for the achievement of technical production standards by every worker. A. Semenova. Blok. agit. no. 25:21-26 S '56.

TEXTOLITE
The use of textolite bearings with forced lubrication at the Voroshilov Metallurgical Plant. M. E. Kugaenko, M. V. Kovynev, V. V. Miller. Metallurg. no. 4:32-34 Ap '56.

THAILAND—ECONOMIC CONDITIONS
The situation in Thailand today [with English summary in insert]. A. A. Smirnov. Sov. vostokoved. no. 2:148-152 '56.

THALLIUM FLUORIDES
Absorption and luminescence of lead and thallium fluoride solutions. M. U. Belyi, A. A. Shishlovskii. Izv. AN SSSR. Ser. fiz. 20 no. 5:574-578 My '56.

THEATER
(see also subdivision under Armenia; Berlin; Blagoveshchensk; Choremkhovo; China; Czechoslovakia; Dubrovnik, Yugoslavia; Erivan; France; Great Britain; Gorkiy; Kiev; Kishinev; Leningrad; London; Moscow; Odessa; Omsk; Peiping; Poland; Smolensk; Sverdlovsk; Tallinn; Tashkent; Velikiye Luki; Vladivostok; Vorkuta; Voronezh; Yugoslavia)
Akhmed Ryza's tragedy. A. Tverskoi. Smena 33 no. 12: 21 Je '56.
Before the new theater season; interview with F. Evseev. Slaviane no. 8:11-12 Ag '56.
Brief notes. Teatr 17 no. 7:162-167 Jl '56.
"Clean hands." N. Kolin. Sem'ia i shkola 11 no. 6:24-25 Je '56.
Commemorative dates. Teatr 17 no. 6:191-192 Je '56.
Commemorative dates. Teatr 17 no. 7:191-192 Jl '56.
Creative workdays of the Central Children's Theater. Teatr 17 no. 6:180 Je '56.
Discoveries and discoverers. Teatr 17 no. 7:151-152 Jl '56.
The dramatist and the theater. A. Arbuzov. Teatr 17 no. 7:58-66 Jl '56.
The essential nature of our art. Aleksei Popov. Teatr 17 no. 6:47-58 Je '56.
For a wider horizon. I. Mikhailova. Teatr 17 no. 7: 80-92 Jl '56.
Guest performances of the Malyi. Teatr 17 no. 7:160 Jl '56.
In a few lines. Teatr 17 no. 6:179, 181 Je '56.
In the Art Theater. Teatr 17 no. 7:171 Jl '56.
Justifiably forgotten. Teatr 17 no. 7:153-154 Jl '56.
Marginal notes on a theater program. E. Min. Neva no. 8:143-153 Ag '56.
New performances. Teatr 17 no. 7:177, 178, 185, 186 Jl '56.
Shakespeare and the contemporary theater. B. Zingerman. Teatr 17 no. 7:117-126 Jl '56.
Theaters of the world. Teatr 17 no. 6:154-165 Je '56.
Theaters of the world. Teatr 17 no. 7:162-166 Jl '56.
Theatrical summer. V. Pimenov. Ogonek 34 no. 30:20 Jl '56.

THEATER—HISTORY
(see also subdivision under Grodno; Moscow)
Brushtein, Aleksandra. [Pages from the past] Stranitsy proshlogo. Izd. perer. i dop. Moskva, Sovetskii pisatel', 1956. 304 p.
Contrary to the author's intent. Novyi mir 32 no. 6:260 Je '56.
History of the Soviet theater. Teatr 17 no. 7:49-57 Jl '56.

THEATER—LAWS AND REGULATIONS
In the U. S. S. R. Ministry of Culture. Teatr 17 no. 6: 166 Je '56.

THEATER—MUSEUMS AND COLLECTIONS see subdivision under Leningrad; Moscow; Tatar A. S. S. R.

THEATER—PRODUCTION AND DIRECTION
Gorchakov, N. M. [The work of a director in producing a play] Rabota rezhissera nad spektaklem. Moskva, Gos. izd-vo "Iskusstvo," 1956. 462 p.

THEATER—STATISTICS
Only figures. Teatr 17 no. 6:178 Je '56.

THEATER—STUDY AND TEACHING
In the capital's theater schools. Teatr 17 no. 6:167 Je '56.

THEATERS
Classical principles of composition in theater architecture. V. E. Bykov. Vop. teor. arkhit. no. 1:110-131 '55.

THEATERS—CONSTRUCTION

Budarin, N. V. [Simple stage design] Prosteishee ustroistvo sistemy. Moskva, Gos. izd-vo "Iskusstvo," 1956. 62 p.

THEATERS—STAGE-SETTING AND SCENERY

All-Union conference of theater artists. Teatr 17 no. 6: 168-170 Je '56.

Miuller, V.N. [The staging of theatrical performances; hints for the amateur theater] Dekoratsionnoe oformlenie spektaklia; metodicheskie sovety khudozhniku samodeiatel'nogo teatra, Moskva, Gos. izd-vo "Iskusstvo," 1956, 99 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 29)

Music for the eye. V. Ryndin. Teatr 17 no. 6:59-65 Je '56.

THEATRICAL MAKE-UP see Make-up, Theatrical

THEATRICALS, AMATEUR see Amateur theatricals

THEFT see Larceny

THEILERIASIS

Treatment of theileriasis in cattle with haemosporidin and "ASD-DF2." P. A. Lavrent'ev. Veterinariia 33 no. 8:25-27 Ag '56.

THEODOLITES

The new TM-1 theodolite. A. Krasnoshchekov. Les. prom. 34 no. 6:11 Je '56.

THEOLOGICAL SEMINARIES
(see also subdivision under Leningrad)

Regulations for admission to theological seminaries for the academic year 1956-1957. Zhur. Mosk. Patr. no. 4: 79-80 Ap '56.

THEOPHANES, the Greek, fl. 14th century

Studies on Feofan Grek. Chapter 2; Feofan Grek and the Moscow school of miniatures in the 1390's. V. N. Lazarev. Viz. vrem. 8:143-165 '56.

Studies on Theophanes the Greek. III. V. N. Lazarev. Viz. vrem. 9:193-210 '56.

THEORETICAL CHEMISTRY see Chemistry, Physical and theoretical

THEORY OF GROUPS see Groups, Theory of

THERAPEUTICS, PHYSIOLOGICAL
(see also subdivision under Sochi; White Russia)

Treating ulcers by health-resort factors outside a sanatorium. S. O. Badyl'kes. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:18-25 Ja-Mr '56.

THERAPEUTICS, PHYSIOLOGICAL—BIBLIOGRAPHY see Bibliography—Therapeutics, Physiological

THERMAL ANALYSIS

Applicability limits for statistical methods in the analysis of adsorption phenomena. S. Z. Roginskii, O. M. Todes. Probl. kin. i kat. 7:248-262 '49.

Bounded inhomogeneous surfaces of disperse systems. B. P. Bruns. Probl. kin. i kat. 7:436-451 '49.

Certain adsorption peculiarities conditioned by "thermal disorder" on crystal surfaces. F. F. Vol'kenshtein. Probl. kin. i kat. 7:360-382 '49.

Statistical theory of the adsorption of mixtures. S. Z. Roginskii, O. M. Todes. Probl. kin. i kat. 7:336-359 '49.

Theory of adsorption on inhomogeneous surfaces. Determination of the distribution law for sections of sorbent surface from heats of sorption using experimental observations of sorption isotherms. O. M. Todes, A. K. Bondareva, G. A. Khachkuruzov. Probl. kin. i kat. 7: 263-295 '49.

THERMAL DIFFUSIVITY

Generalized theory of regular thermal conditions. G. N. Dul'nev, G. M. Kondrat'ev. Izv. AN SSSR. Otd. tekh. nauk no. 7:71-85 Jl '56.

THERMAL WATERS see Geysers

THERMISTORS

Thermistors for high temperatures. P. T. Oreshkin. Izv. AN SSSR. Otd. tekh. nauk no. 8:128-130 Ag '56.

THERMIT

Hydrothermits (heat evolving mixtures). M. G. Tikhmenev. [Trudy]MVTU no. 36:37-40 '55.

Our practice in the production of thermite steel. K. K. Kochetov. Mekh. stil'. hosp. 7 no. 1:25-26 Ja '56.

THERMOCHEMISTRY

Certain problems in thermodynamics of binary mixtures. V. K. Semenchenko. Izv. Sekt. fiz.-khim. anal. 27:30-35 '56.

Methods of comparative calculation of heat effects (with English summary in insert). Part 2. M. Kh. Karapet'iants. Zhur. fiz. khim. 30 no. 5:1104-1117 My '56.

Thermochemistry of aqueous electrolyte solutions. Part 4. Thermochemistry of aqueous solutions of ammonium chloride. K. P. Mishchenko, A. M. Ponomareva. Zhur. ob. khim. 26 no. 5:1296-1310 My '56.

Thermochemistry of pyrophosphate complexes in solution (with English summary in insert). K. B. IAtsimirskii, V. P. Vasil'ev. Zhur. fiz. khim. 30 no. 4:901-911 Ap '56.

Thermodynamic properties of PbFCl, $PbCl_2$, and $PbF_2$ at high temperatures. E. I. Banashek, N. N. Patsukova, I. S. Rassonskaia. Izv. Sekt. fiz.-khim. anal. 27:223-232 '56.

Use of thermography in studying the interaction of potassium or sodium chlorides with magnesium sulfate during heating. S. D. Shargorodskii, O. I. Shor. Ukr. khim. zhur. 17 no. 1:136-148 '51.

THERMOCOUPLES

Electrolytic thermobatteries for irradiation measurement. K. N. Emel'ianov. Biofizika 1 no. 3:284-291 '56.

Thermocouple with open hot junction to be used at high pressures. N. A. Pavlov. Sudostroenie 22 no. 6:36 Je '56.

THERMODYNAMICS

Elaboration of unified tabular data on the thermodynamic properties of water and water vapor. M. P. Vukalovich, B. V. Dzampov. Teploenergetika 3 no. 7:3-6 Jl '56.

Entropy of thermodynamic systems. R. G. Gevorkian. Trudy MATI no. 26:71-99 '55.

Equilibrium states of thermodynamic systems. R. G. Gevorkian. Trudy MATI no. 26:3-70 '55.

Experimental investigation of the thermal capacity of water vapor in the subcritical range. A. M. Sirota, D. L. Timrot. Teploenergetika 3 no. 7:16-23 Jl '56.

Generalized theory of regular thermal conditions. G. N. Dul'nev, G. M. Kondrat'ev. Izv. AN SSSR. Otd. tekh. nauk no. 7:71-85 Jl '56.

Graphic differentiation method of computing caloric values of real gases using p. v. T data. IA. Z. Kazavchinskii, O. I. Katkhe. Teploenergetika 3 no. 7:23-26 Jl '56.

Investigating the elementary excitation spectra of physical systems by using the method of kinetic equations for quantum distribution functions. IU. L. Klimontovich. Trudy MATI no. 26:100-125 '55.

Investigating the kinetics of drying processes. A. V. Lykov, M. S. Smirnov. Izv. AN SSSR. Otd. tekh. nauk no. 8:10-19 Ag '56.

Mikriukov, V. E. [A course in thermodynamics] Kurs termodinamiki. Izd. 2-oe, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 229 p.

Veinik, A. I. [Technical thermodynamics and principles of heat transmission] Tekhnicheskaia termodinamika i osnovy teploperedachi. Pod red. A. A. Gukhmana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry chernoi i tsvetnoi metallurgii, 1956. 448 p.

THERMODYNAMICS—BIBLIOGRAPHY see Bibliography—Thermodynamics

THERMOELECTRICITY

Electric properties of bismuth chalcogenides. Part 3. Electric properties of bismuth telluride ($Bi_2Te_3$). P. P. Konorov. Zhur. tekh. fiz. 26 no. 7:1400-1405 Jl '56.

Ionization X-ray analysis of bismuth telluride. F. I. Vasenin, P. F. Konovalov. Zhur. tekh. fiz. 26 no. 7: 1406-1414 Jl '56.

THERMOELECTRICITY—MEASUREMENT

Precision techniques for measuring the Peltier effect and thermal electromotive forces. M. Shtenbek, P. I. Baranskii. Zhur. tekh. fiz. 26 no. 7:1373-1388 Jl '56.

THERMOMETERS see subdivision under Moscow

THERMOMETRY

Direct current differential bridge. G. I. Berieev. Izv. AN Kir. SSR no. 1:61-67 '55.

Thermographic determination of the dissociation pressure for certain salts. L. G. Berg, I. S. Rassonskaia, E. V. Buris. Izv. Sekt. fiz.-khim. anal. 27:239-250 '56.

Thermography of chromium sulfate. I. D. Muzyka, O. I. Shor. Zhur. ob. khim. 26 no. 5:1277-1280 My '56.

THERMOSTAT

Differential photorelay for a thermostat (with English summary in insert). N. G. Alexeev, V. A. Prokhorov. Zhur. fiz. khim. 30 no. 5:1144-1145 My '56.

THESSALONICA see Salonika

THIAZOLE

Condensation of auramine with 2-aminothiazole derivatives. G. M. Oksengendler, A. I. Kiprianov. Ukr. khim. zhur. 17 no. 5:736-743 '51.

Interaction of methylene bases in the thiazole series with dibasic acid anhydrides. F. S. Babichev, L. D. Protsenko. Ukr. khim. zhur. 17 no. 5:755-760 '51.

THIOCARBAZONE

Research in the field of thiocarbazone substituted derivatives. Part 1. Ditolylthiocarbazones. P. S. Pel'kis, L. S. Pupko. Ukr. khim. zhur. 17 no. 1:93-102 '51.

THIOCYANATES

Interaction of organic bases with salts of metals. Part 4. Interaction of antipyrine with zinc and cadmium thiocyanates. S. E. Bukrat. Zhur. ob. khim. 26 no. 5:1379-1381 My '56.

Interaction of zinc salts with thiosulfate and rhodanide ions. M. S. Novakovskii, M. G. Mushkina. Ukr. khim. zhur. 22 no. 3:313-319 '56.

THIOPHENE

Sulfonation of tert-butyl substituted thiophene derivatives. IA. L. Gol'dfarb, L. V. Antik, P. A. Konstantinov. Izv. AN SSSR. Otd. khim. nauk no. 5:624-626 My '56.

THIOPHENEMETHANOL

Di-2-thienylcarbinol. IA. L. Gol'dfarb, M. L. Kirnalova. Izv. AN SSSR. Otd. khim. nauk no. 6:746-747 Je '56.

THIOSULFATES

Interaction of zinc salts with thiosulfate and rhodanide ions. M. S. Novakovskii, M. G. Mushkina. Ukr. khim. zhur. 22 no. 3:313-319 '56.

THIRST

Thirst. P. Morozov. Rabotnitsa 34 no. 8:30 Ag '56.

THONRAKETZI see Paulicians

THOREZ, MAURICE, 1900-

People and events. Nov. vrem. 14 no. 32:29-30 Ag '56.

THOUGHT AND THINKING

Correlation between language and thought. N. F. Peleyina, Z. N. Levit. Vestsi AN BSSR Ser. hram. nav. no. 1:119-129 '56.

Studies on the problem of thinking in modern foreign psychology. L. I. Antsyferova. Vop. psikhol. 2 no. 3: 95-111 My-Je '56.

THOUGHT-TRANSFERENCE

Can thoughts be read? S. V. Shereshevskii. Nauka i zhizn' 23 no. 6:44-45 Je '56.

THRESHING MACHINES

Corn threshing machines. O. II. Ostapenko. Mekh. stil'. hosp. 7 no. 9:3 of cover S '56.

Grain thresher and winnower for breeding work. S. A. Zakharchenko. Sel. i sem. 21 no. 2:60-62 '56.

Unit for the primary processing of hemp on collective farms. V. V. Sydliarenko. Mekh. stil'. hosp. 7 no. 9: 14-15 S '56.

THROAT—DISEASES

On the problems of outbreaks of tonsillitis. S. V. Krakht, S. V. Medvedev, E. I. Koz'minskaia. Voen.-med. zhur. no. 9:57-60 S '51.

THROMBIN

Enzymatic reaction of the transformation of fibrinogen into fibrin. IE. L. Khodorova. Ukr. biokhim. zhur. 23 no. 4:439-446 '51.

Method for obtaining a preparation of thrombin. IE. L. Khodorova, IA. V. Bielik. Ukr. biokhim. zhur. 28 no. 2:142-144 '56.

THROMBOSIS

Surgical treatment of otogenous septicopyemia. G. M. Starikov. Vest. oto-rin. 18 no. 4:48-51 Jl-Ag '56.

THUNDERSTORMS

Ball lightning during a winter thunderstorm. T. F. Gerasimenko. Priroda 45 no. 7:109-110 Jl '56.

July thunderstorms. A. P. Moiseev. Priroda 45 no. 7:126 Jl '56.

Nature of the thunderstorm. V. M. Muchnik. Nauka i zhizn' 23 no. 6:41-43 Je '56.

THYMOL

Thymol test in syphilis. G. E. Shinskii. Vest. ven. i derm. no. 3:50-51 My-Je '56.

THYROID GLAND

Antithyroid action of penicillin. I. S. Karapetian. Stomatologiia 35 no. 3:30-32 My-Je '56.

Functional state of the thyroid gland in obesity as determined by the radioactive indicator method. K. M. Prostinkov, A. P. Nesterova. Vop. pit. 15 no. 4:27-31 Jl-Ag '56.

THYROID GLAND—DISEASES

Disorders in the formation of urea in experimental thyrotoxicosis. M. M. Smyk, L. IA. Fishchenko. Fiziol. zhur. [Ukr.] 1 no. 2:113-116 Mr-Ap '55.

TIBET—DESCRIPTION AND TRAVEL

A journey to Tibet (continuation). Allan Winnington. Translated from the English. Ukraina no. 12:26-27 Je '56.

TIBET—POLITICS AND GOVERNMENT

Happy event in the life of the people of Tibet. Kitai no. 6:6-8 Je '56.

The Panchen Lama in Peking. Nar. Kit. no. 9/10:42 My '51.

The people of Tibet in the brotherly family of Chinese peoples. Li yu-i, Chou Ch'ing-shu. Nar. Kit. no. 12: 16-17 Je '56.

TICKS
(see also subdivision under Carpathian Mountain region; Chardshau Province; Transcausia)

Distribution of ticks of the genus Dermacentor. V. Trofimov. Veterinariia 33 no. 8:28 Ag '56.

TICKS (Continued)
Ectoparasites of fowl and measures for controlling them. K. M. Krasnitskaia. Ptitsevodstvo 6 no. 8:32-34 Ag '56.
Laboratory investigation of the toxic effect of DDT upon all development phases of Ixodes ricinus L. A. S. Lutta, R. E. Shul'man. Dokl. AN SSSR 106 no. 2:367-369 My '56.
Methods of studying the aggressiveness of the tick Ixodes persulcatus [with English summary in insert].. A. V. Mishin. Zool. zhur. 35 no. 7:978-985 Jl '56.
Seasonal variability in the virulent nature of pathogenic micro-organisms transferred by argasidae and ixodidae. B. V. Lotetskii, E. A. Muratov, IA. D. Staviskii. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:167-176 '54.

TICKS AS CARRIERS OF DISEASE
Organization of tick control in the taiga. S. G. Gladkikh, S. A. Shileva, N. N. Tkachenko. Voen.-med. zhur. no. 3:67-69 Mr '56.
Synanthropic rodents as carriers of ixodid ticks. E. F. Sosnina. Dokl. AN Tadzh. SSR no. 2:31-34 '52.

TIDAL WAVES
Excitation of elastic oscillations of a semiplane by wave motions of a liquid. L. N. Sretenskii. Biul. Sov. po seism. no. 2:12-26 '56.
Problem of tsunami. E. F. Savarenskii. Biul. Sov. po seism. no. 2:3-7 '56.
Tsunami and observations on long-distance propagation of sound in the ocean. L. M. Brekhovskikh. Biul. Sov. po seism. no. 2:8-11 '56.
Tsunami related to volcanic eruptions. V. I. Vlodavets. Biul. Sov. po seism. no. 2:27-30 '56.

TIEN SHAN—BIRCH
Gan, P. A. [An experiment in the cultivation of white and pubescent birch in the region of the spruce forests of Tien Shan] Opyt razvedeniia berezy borodavchatoi i pushistoi v poiase elovykh lesov Tian'-Shania. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 14 p.

TIEN SHAN—LEAD ORES
Characteristics of lead and zinc distribution in minerals of Caledonian granitoids of the Susamyr batholith in central Tien Shan. L. V. Tauson, L. A. Kravchenko. Geokhimiia no. 1:81-89 '56.

TIEN SHAN—MOUNTAINEERING
Master of the skies. M. Pokrebets'kyi. Pioneriia 33 no. 8:24-26 Ag '56.

TIEN SHAN—PANTHERS
Panther in the western Tien Shan. F. D. Shaposhnikov. Priroda 45 no. 7:113-114 Jl '56.

TIEN SHAN—SALTS
Processing of salt rocks containing glauberite. IA. D. Fridman. Izv. AN Kir. SSR no. 1:23-26 '55.

TIEN SHAN—ZINC ORES
Characteristics of lead and zinc distribution in minerals of Caledonian granitoids of the Susamyr batholith in central Tien Shan. L. V. Tauson, L. A. Kravchenko. Geokhimiia no. 1:81-89 '56.

TIEN SHAN PROVINCE—PASTURES AND MEADOWS
Akademiia nauk Kirgizskoi SSR, Frunze. Institut botaniki. [Recommendation for grass seeding and irrigation of mountain pastures in the Tien Shan and Issyk-Kul provinces and the Susamyr] Rekomendatsii po vysokogornomu travosetaniiu i orosheniiu pastbishch v Tian'-Shan'skoi, Issyk-Kul'skoi oblastiakh i na Susamyre. Frunze, 1956. 11 p.
(DA)

TIES, RAILROADS see Railroads—Ties

TIFLIS—EVERGREENS
Annual dynamic changes in the osmotic pressure of cell sap in evergreen foliage plants in the climatic conditions of Tiflis. N. M Sharashidze. Soob. AN Gruz. SSR 17 no. 5:423-428 '56.

TIFLIS—MAGNETISM, TERRESTRIAL—OBSERVATIONS
Some results of studying geomagnetic disturbances based on observations of the geophysical observatory, 1933-1945 [in Georgian with summary in Russian]. G. P. Berishvili. Trudy Inst. geofiz. AN Gruz. SSR 13:45-75 '54.

TIFLIS—MOTORBUS LINES
In the Tbilisi passenger automobile transport office. Avt. transp. 34 no. 6:35 Je '56.

TIFLIS—SWIMMING
Pass to Luzhniki. G. Akopov. Fizk. i sport 26 no. 8: 9-10 '56.

TIGERS see subdivision under Vladivostok Province

TIGRANIAN, AKOPA MINAS-VARDAPET, fl, 18th CENTURY
Evaluation of the activity of Israel Ori and Minas-vardapet. P. Arutiunian. Izv. AN Arm. SSR Obshchestv. nauki no. 7:81-86 Jl '56.

TIKHOMIROV, VLADIMIR DMITRIEVICH, 1896-
Vladimir Dmitrievich Tikhomirov. T. N. Bellakovskaia, S. M. Levin. Vest. ven. i derm. no. 3:80 My-Je '56.

TIKHONRAVOV, NIKOLAI SAVVICH, 1832-1893
Gudzii, N.K. Nikolai Savvich Tikhonravov. [Moskva] Izd-vo Moskovskogo univ, 1956. 83 p. (Zamechatel'nye uchenye Moskovskogo universiteta)

TILAK, BAL GANGADHAR, 1856-1920
The centenary of Tilak's birth. Nov. vrem. 14 no. 31:11 Jl '56.

TILES, ROOFING
Two-layer rubberoid scaly roofing material made of shaped tiles and semitiles. P. R. Gol'dberg. Strol. prom. 34 no. 7:38 Jl '56.

TILLAGE
(see also subdivision under Altai Territory; Crimea; Ukraine)
Cultivation of interrows in orchards. L. E. Rybak. Sad. vin. Mold. 11 no. 3:19-22 My-Je '56.
Effect of various cultivation practices on crop yields and the cost of production. A. V. Komashchenko. Sel'khoz. Povol. no. 7:69-71 Jl '56.
Harrowing potato fields. B. M. Borisov, N. T. Torshin. Kartofel' no. 2:36-38 My-Je '56.
The new tillage system is being tried in the field. A. Lisenkov. Kolkh. proizv. 16 no. 6:12-13 Je '56.
Prepare the soil and sow winter crops in time. P. M. Balev. Mosk. kolkh. 5 no. 7:11-12 Jl '56.
Results of studying surface dressing. V. A. Morozov. Zemledelie 4 no. 7:117-118 Jl '56.
Some results concerning methods of deep cultivation of soil. G. M. Chikaliki. Sovkhoz. proizv. no. 8:39-45 Ag '56.
Spring tillage. Tillage equipment: the plow and cultivator. M. G. Avaev. Est. v shkole no. 4:65-70 Jl-Ag '56.
Subsoiling of irrigated cotton fields. F. Sokolov. Khlopkovodstvo 6 no. 7:25-30 Jl '56.

TILLAGE—BIBLIOGRAPHY see Bibliography—Tillage

TIMBERING OF MINES see Mine timbering

TIME MEASUREMENTS—STUDY AND TEACHING
Studying topics of time as observed in classes. A. D. Mogilko. Fiz. v shkole 16 no. 4:59-62 Jl-Ag '56.

TIME STUDY
Mass automatic photometry of the workday at the Leningrad Tire Plant. S. K. Davidovich, M. A. Il'inogorskaia, G. I. Makarova. Trudy LIEI no. 9:37-45 '55.
Photometric recording of working time in the interest of production. L. Gal'perin, V. Smirnov. Sots. trud no. 7:65-70 Jl '56.
Reference book not answering the tasks of fixing industrial norms ("Manual of unified time norms automobile repair." Reviewed by S. Petrukhin, G. Kozyrev.) Avt. transp. 34 no. 6:39 Je '56.
Tolchenov, T. V. [Technical standardization of machining, fitting and assembling operations] Tekhnicheskoe normirovanie stanochnykh i slesarno-sborochnykh rabot. Pod red. M. M. Shakhnazarova. Izd. 3-e, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo machinostroit. lit-ry, 1956. 309 p.

TIMIRIAZEV, KLIMENTII ARKAD'EVICH, 1843-1920
K. A. Timiriazev and I. V. Michurin. Sad i og. no. 6:6-7 Je '56.

TIMUR, the Great, 1336-1405—FICTION
The people are human beings ("The lame Timur"; a novel. Part one of the trilogy "Stars above Samarkand." Sergei Borodin. Reviewed by E. Starikova). Novyi mir 32 no. 7:249-252 Jl '56.

TIN—ISOTOPES
Isomeric transition of the Sn $^{117*}$ nucleus. S. M. Kalebin. Zhur. eksp. i teor. fiz. 30 no. 5:957-959 My '56.

TIN—OPTICAL PROPERTIES
Change in the optical constants of tin during transition into a state of superconductivity. O. O. Halkin, I. M. Shkliarevs'kyi. Dop. AN URSR no. 6:445-447 '54.

TIN ALLOYS—METALLOGRAPHY
Aging of tin-lead solders and of joints soldered by them. A. S. Medvedev. Metalloved. i obr. met. no. 7:16-23 Jl '56.

TIN-MAGNESIUM-COPPER ALLOYS see Copper-Magnesium-Tin alloys

TIN PLATE
Gas apparatus for fusing tin on milk cans. A. S. Zarovnyi, V. P. Dzhuvago. Trudy Inst. isp. gaza AN URSR 3:114-117 '55.

TIRES, RUBBER
(see also subdivision under Moscow)
Certain problems in determining the labor requirement of the production; based on the tire industry. Trudy LIEI no. 9:20-36 '55.
Determining the deviation angles and stabilization moments of tires of passenger automobiles. V. I. Knoroz, V. M. Klennikov, E. M. Sidorova. Trudy lab. dvig. no. 2:67-79 '56.
Distribution of specific pressure on the area of tread imprint of the driver wheel. V. I. Knoroz. Trudy lab. dvig. no. 2:91-107 '56.
Mass automatic photometry of the workday at the Leningrad Tire Plant. S. K. Davidovich, M. A. Il'inogorskaia, G. I. Makarova. Trudy LIEI no. 9:37-45 '55.

TISSUE—TRANSPLANTATION
Use of tissue therapy in seroresistant syphilis. E. K. Reznikov. Vest. ven. i derm. no. 3:57 My-Je '56.

TISSUE CULTURE
Isolated root cultures in plant physiology. A. M. Smirnov. Fiziol. rast. 3 no. 4:368-380 Jl-Ag '56.

TISSUE EXTRACTS
Medical treatment of some diseases by implanting tissue. Z. P. Khodzhaev. Dokl. AN Tadzh. SSR no. 4:49-54 '52.
Tissue therapy by the use of egg white. S. I. Barenboim, A. T. Pulatov. Dokl. AN Tadzh. SSR. no. 4:43-48 '52.
Tissue therapy in otorhinolaryngological diseases. G. I. Frolov. Voen.-med. zhur. no. 9:81-84 S '51.

TISSUES
The thiochrome method for determining vitamin $B_1$ and cocarboxylase in biological substances. Report no. 2: Determining cocarboxylase in urine, blood, and tissues. H. D. IElisieieva. Ukr. biokhim. zhur. 23 no. 4:376-381 '51.

TISSUES, VEGETABLE see Plant cells and tissues

TITANATES
Interaction of sodium and potassium metatitanates with salts in melts. M. L. Sholokhovich, G. V. Barkova. Zhur. ob. khim. 26 no. 5:1266-1272 My '56.

TITANIUM
Nitriding titanium in ammonia gas. A. N. Minkevich, A. D. Talmer, IU. A. Zot'ev. Metalloved. i obr. met. no. 7:39-43 Jl '56.

TITANIUM ALLOYS
Investigating the recrystallization of the titanium and its alloys. E. M. Savitskii, M. A. Tylkina, A. N. Turanskaia. Izv. AN SSSR. Otd. tekh. nauk no. 7:111-114 Jl '56.
Investigation of recrystallization of titanium and its alloys. IU. A. Zot'ev and others. Izv. AN SSSR. Otd. tekh. nauk no. 8:135-138 Ag '56.

TITANIUM-LEAD ALLOYS
Investigating the intersolubility of titanium and lead at temperatures of 600, 700 and 800° C. B. N. Rabinovich, D. M. Chizhikov. Izv. AN SSSR. Otd. tekh. nauk no. 7:114-117 Jl '56.

TITANIUM ORES see subdivision under Okhotsk, Sea of

TITOV, KONSTANTIN
In quest of his own poetic voice ("Searchers"; verse. Konstantin Titov. Reviewed by A. Sidarenka). Belarus' 13 no. 6:30 Ag '56.

TITRATION
Adsorptive titration of sulfates. A. A. Medvedovskii. Ukr. khim. zhur. 17 no. 1:27-35 '51.
Chromometry in the ultraviolet region of the spectrum. K. P. Stoliarov, V. G. Pegadaeva. Vest. Len. un. 11 no. 10:87-92 '56.
Determination of calcium in limestone by amperometric titration with the use of an indicator. IU. I. Usatenko, M. A. Vitkina. Trudy Kom. anal. khim. 7:155-161 '56.
Determination of chloride and bromide concentrations by means of chronometric titration. E. K. Nikitin, E. N. Ponomarevn. Trudy Kom. anal. khim. 7:234-245 '56.
Differential titration of tripeptides and diketopiperazines in the products of polycondensation of the ethyl ester of glycine. K. T. Poroshin, T. D. Kozarenko, IU. I. Khurgin. Izv. AN SSSR. Otd. khim. nauk no. 5:626-628 My '56.
Electrode for potentiometric microtitration. B. I. Frid. Trudy Kom. anal. khim. 7:170-173 '56.
New technique for microtitration. M. P. Poliakov. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:49-60 Jl '56.
Phototurbidimetric determination of copper in aluminum alloys by means of hydrorubeanic acid. I. V. Tananaev, Kh. IA. Levitman. Trudy Kom. anal. khim. 7:21-26 '56.
Phototurbidimetric titration methods. Study of the system: $BaSO_4$ -- $BaCl_2$ -- $HCl(HNO_3)$ -- $C_2H_5OH$ -- $H_2O$. N. D. Pododed. Trudy Kom. anal. khim. 7:27-40 '56.
Potentials of zinc, cadmium, lead, tin, and bismuth amalgams during their titration. V. A. TSimmergakl, R. S. Khaimovich. Ukr. khim. zhur. 17 no. 1:103-117 '51.
Potentiometric determination of lanthanum, cerium, praseodymium, neodymium, and samarium. L. IA. Poliak, F. M. Shemiakin. Trudy Kom. anal. khim. 7: 270-288 '56.
Potentiometric differential titration curves. V. P. Tolstikov. Ukr. khim. zhur. 22 no. 3:373-378 '56.
Rapid method for the determination of calcium in presence of magnesium. G. B. Pasovskaia. Trudy Kom. anal. khim. 7:272-275 '56.

TITRATION (Continued)

Use of calcium hypochlorite in the determination of bromium and iodine by means of differentiated titration. G. P. Aleksandrov, T. F. Levchenko. Ukr. khim. zhur. 17 no. 5:793-795 '51.

TIUKALINSK—AMATEUR ART ACTIVITIES

Amateur art activities of mechanizers. I. Mitin. Prof.-tekh. obr. 13 no. 6:29 Je '56.

TIULIN, ALEKSANDR FEDOROVICH, 1885-1955

Aleksandr Fedorovich Tiulin, 1885-1955; obituary. Pochvovedenie no. 4:97-98 Ap '56.

TKACH, MYKHAILO

Ascending the highlands"; verse. Mykhailo Tkach. Reviewed by Leonid Chernets', Oleksandr Hubar. Zhovten' 6 no. 7:112-113 Jl '56.

TOBACCO

(see also subdivision under Abkhazia; Armenia)

Biological characteristics of makhorka. V. I. Terekhov. Sel'khoz. Povol. no. 7:41-42 Jl '56.

Daily and seasonal course of photosynthesis and the accumulation of dry substance in potatoes, tomatoes, and makhorka. E. IA. Ermolaeva. Trudy Bot. inst. Ser. 4 no. 11:208-224 '56.

Makhorka cultivation practices. P. N. Orlov. Sel'khoz. Povol. no. 6:46-48 Je '56.

TOBACCO BREEDING

Heterosis in tobacco due to intervarietal hybridization [in Armenian with summary in Russian]. S. G. Barsegian, E. A. Gevorkian, F. M. Nubarian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:37-48 Jl '56.

TOBACCO INDUSTRY

"Cigarette"? M. Voitsekhovich. Sov. Soiuz no. 6:22-23 Je '56.

TOCOPHEROL

Vitamin B and tocopherol content of embryos, bran, and oil of some wheat varieties of the Ukrainian S. S. R. I. H. Drokova and others. Ukr. biokhim. zhur. 23 no. 4:371-375 '51.

TOES—ABNORMITIES AND DEFORMITIES

Syndrome of microphakia and spherophakia combined with brachydactylia. V. O. Mazina. Oft. zhur. 11 no. 1:59 '56.

TOKAREV, BORIS

Boris Tokarev's training. S. Kuznetsov. Leg. atl. no. 5: 8-9 My '56.

TOKOMBAEV, AALY

A new collection ("Life"; verse. Aaly Tokombaev. Review). Druzh. nar. no. 8:187 Ag '56.

TOLERANCE (ENGINEERING)

Selective fitting in many-linked three-dimensional mechanisms. A. F. Lesokhin. Standartizatsiia no. 3: 25-31 My-Je '56.

TOLMACHEVA, N.

Heart-to-heart talk ("Older sister." N. Tolmacheva. Reviewed by Evg. Fedorov). Sib. ogni 35 no. 3:185-186 My-Je '56.

TOLOCHIN DISTRICT—FLAX

Carefully train experts in flax growing. M. S. Mel'nikov. Len i konop. no. 5:14-16 Jl '56.

TOLSTOI, ALEKSEI NIKOLAEVICH, 1882-1945

Memorable meetings. Va. Rozhdestvenskii. Sov. otch. no. 4:83-95 Jl-Ag '56.

TOLSTOI, LEV NIKOLAEVICH, graf, 1828-1910

The fable "The asses and Léo (the lion)." V. Shepelev. Novyi mir 32 no. 9:279 S '56.

Influence of L. N. Tolstoi's creative methods in "War and peace" on Romain Rolland's novel "Jean Christophe." A. V. Chicherin. Dop. ta pov. L'viv. un. no. 4, pt. 1:39-40 '53.

L. Tolstoi's "Power of darkness" on the French stage. O. V. Timofeeva. Dop. ta pov. L'viv. un. no. 4, pt. 1:40-43 '53.

Letters by Lev Nikolaevich Tolstoi. M. Sultanov. Neva no. 6:189 Je '56.

New documents on Lev Tolstoi. V. Shepelev. Novyi mir 32 no. 7:275 276 Jl '56.

TOLUBEEV, IURII VLADIMIROVICH

Living portrayals. N. Volkov. Ogonek 34 no. 25:23 Je '56.

TOLUENE

Viscosity and specific volumes in the system: benzene - toluene - carbon tetrachloride. V. IA. Anosov, M. I. Ozerova. Izv. Sekt. fiz.-khim. anal. 27:412-418 '56.

TOLUIDINE

Precipitation method in the detection of specific antigens which developed following orthoaminotoluine administration. T. A. Korosteleva. Biul. eksp. biol. med. 41 no. 6:50-55 Je '56.

TOMATOES

Change in the ascorbic acid content of canned tomatoes. A. T. Markh, IE. H. Krotov. Ukr. biokhim. zhur. 28 no. 2:235-241 '56.

Daily and seasonal course of photosynthesis and the accumulation of dry substance in potatoes, tomatoes, and makhorka. E. IA. Ermolaeva. Trudy Bot. inst. Ser. 4 no. 11:208-224 '56.

Harvesting, afterripening, and storing of tomatoes. G. I. Tarakanov. Mosk. kolkh. 5 no. 8:12 Ag '56.

Organic acid content of tomato leaves during the development of the plant [with English summary in insert]. R. IA. Shkolnik. Fiziol. rast. 3 no. 3:252-258 My-Je '56.

The physiological role of chlorophyll in tomato fruits [with English summary in insert]. A. L. Kursanov, B. B. Karapetian. Fiziol. rast. 3 no. 3:214-224 My-Je '56.

Ripening tomatoes in bee hives. G. I. Medkov. Pchelovodstvoe 33 no. 8:64 Ag '56.

Some changes in the metabolism of tomato flowers and fruit under the influence of 2, 4-D and 2, 4, 5-trichlorophenoxyacetic acid. IU. V. Rakitin, K. L. Povolotskaia, D. M. Sedenko. Fiziol. rast. 3 no. 4:297-305 Jl-Ag '56.

TOMATOES—DISEASES AND PESTS

Tomato gall mite and its control. E. P. Sidorovnina, F. V. Koval'kov. Sad i og. no. 7:31 Jl '56.

TOMATOES—VARIETIES

Korneev tomatoes. A. Korneev. IUn. nat. no. 4:25 Jl '56.

New small-fruited tomato varieties for mechanized harvesting. A. E. Seniushkin. Sad i og. no. 7:18-21 Jl '56.

TOMBS see subdivision under Cheremushny; Kamenskoe (Zaporozh'ye Province); Molochnaya Valley; Skatovka; TSirkuny

TOMCHANII, MIKHAIL

Transcarpathian people ("Transcarpathian stories." M. Tomchanii. Reviewed by Dm. Sitnikov). Mol. kolkh. 23 no. 6:31 Je '56.

TOMSK—HISTORY

Disturbances in Tomsk in the 17th century. Z. IA. Boiarshinova. Vop. ist. no. 6:109-114 Je '56.

TONALITY

Baranovskii, P. P., and E. E. IUtsevich. [Tonal analysis of a free melodic system] Zvukovysotnyi analiz svobodnogo melodicheskogo stroia. Kiev, Izd-vo Akademii nauk USSR, 1956. 81 p.

TONGUE

Functional characteristics of glossal muscles. S. I. Kondrashov. Fiziol. zhur. [Ukr.] 1 no. 3:64-69 My-Je '55.

TONGUE—INNERVATION

Motor innervation of the tongue and the nature of the so-called pseudo-motor phenomenon. O. V. Volkova. Dokl. AN SSSR 108 no. 4:729-731 Je '56.

TONSILS—DISEASES

Diethylstilbestrol in the treatment of tonsillitis. D. F. IAnchevskii. Voen.-med. zhur. no. 3:87 Mr '56.

Scientific conference of the Leningrad Scientific Research Institute of Ear, Nose, Throat, and Speech Diseases on the problem of tonsils. I. A. Lopotko, S. Z. Romm. Vest. oto-rin. 18 no. 4:82-87 Jl-Ag '56.

TONSILS—SURGERY

Protective regimen in tonsillectomy. A. A. Barl. Voen.-med. zhur. no. 9:45-46 S '55.

TOOL STEEL

Cutting properties and machinability of high-speed steel. E. P. Nadeinskaia. Vest. mash. 36 no. 8:35-39 Jl '56.

TOOL STEEL—METALLURGY

Ways of economizing ferroalloys in producing high-speed steel. E. I. Mashkevich. Metallurg. no. 4:29-31 Ap '56.

TOOL STEEL—QUALITY CONTROL

Improving the structure of high-speed ingot steel. A. A. Protasov. Stal' 16 no. 7:645-647 Jl '56.

TOPOGRAPHICAL SURVEYING

Field practice in topography. K. N. Shmanenko. Vest. vys. shkoly 14 no. 7:42-43 Jl '56.

TOPOLOGY

Defective numbers of linear operators in Banach space and certain geometrical problems. M. G. Krein, M. A. Krasnosel'skii, D. P. Mil'man. Zbir. prats' Inst. mat. AN URSR no. 11:97-112 '48.

Fibering of a space of mappings. V. G. Boltianskii. Trudy Mosk. mat. ob-va 5:299-309 '56.

Fibering of uniform spaces. F. I. Karpelevich. Usp. mat. nauk 11 no. 3:131-138 My-Je '56.

Homology invariants of topological spaces. M. F. Bokshtein. Trudy Mosk. mat. ob-va 5:3-80 '56.

Principles of the theory of two-dimensional manifolds of bounded curvature. V. A. Zalgaller. Dokl. AN SSSR 108 no. 4:575-576 Je '56.

Spectral theory of operators in spaces with an indefinite valuation. I. S. Iokhvidov, M. G. Krein. Trudy Mosk. mat. ob-va 5:367-432 '56.

Steenrod's generalized duality theorem. N. A. Berikashvili. Soob. AN Gruz. SSR 17 no. 5:385 392 '56.

Topological problem connected with problems in quantum electrodynamics. V. A. Borovikov. Usp. mat. nauk 11 no. 3:113-119 My-Je '56.

TORBANITE see subdivision under Donets Basin

TORNADOES

(see also subdivision under Moscow Province)

Rare tornado. L. IA. Berenbeim, A. P. Gal'tsev. Priroda 45 no. 8:113 Ag '56.

TORP, OSCAR FREDRIK, 1893-

People and events. Nov. vrem. 14 no. 35:30-31 Ag '56.

TORPEDO BOATS

Tomorrow we go out to sea again. K. Cherevkov. Ogonek 34 no. 31:1-2 Jl '56.

TORPEDOES

Painstaking work. A. Syropiatov. Sov. mor. 10 no. 8:15 Ap '56.

TORRES, LOLITA

Visiting Lolita Torres. Maria Teresa León. Ogonek 34 no. 30:10 Jl '56.

TORSION

Approximate theory of the hindered torsion of closed thin-walled rods accounting for distortion in the cross sections. M. K. Kozhevnikova, V. V. Novozhilov. Izv. AN SSSR. Otd. tekh. nauk no. 9:72-83 S '56.

Considering creep in calculating the torsion of prismatic bars composed of various materials. N. Kh. Arutiunian, K. S. Chobanian. Izv. AN SSSR. Otd. tekh. nauk no. 6:16-34 Je '56.

Torsion of a tubular stepped shaft. B. A. Kostandian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 3:17-32 '56.

Torsion of prismatic bars. M. M. Dzhrbashian. Nauch. trudy Erev. un. 48 no. 2:49-70 '55.

TORSION—MEASUREMENT

A spring torsion meter. S. A. Klochkov. Sudostroenie 22 no. 6:34-35 Je '56.

TORZHOK—SPUN GOLD

Revive the old domestic craft. K. Khilevskaia, A. Zhirnova. Prom. koop. no. 5:33 My '56.

TOURISM

(see also subdivision under Altai Mountains; Transcarpathia)

An interview on the development of Anglo-Soviet tourist ties. Nov. vrem. 14 no. 26:17-18 Je '56.

Summer is coming. Sov. Soiuz no. 5:28-29 My '56.

TOURMALINE

Authigenous tourmaline in Cenozoic Molasse deposits in Northern Fergana. L. N. Vertunov. Dokl. AN Tadzh. SSR no. 14:29-30 '55.

Tourmalinization in pegmatites. M. M. Slivko. Min. sbor. no. 9:181-185 '55.

TOWING

(see also subdivision under Volga River)

Definition and terms of a towage contract in Soviet civil law. B. B. Cherepakhin. Vest. Len. un. 11 no. 11: 103-116 '56.

Incorrect methods for the calculation of speed rate of pushing tugboat formations. S. Medvedev. Rech. transp. 15 no. 7:18-20 Jl '56.

Towing operations in canal lock roadsteads. V. I. Chemodanov. Rech. transp. 15 no. 7:16-18 Jl '56.

TOXINS AND ANTITOXINS

Treatment of staphylococcal pyodermitis with anatoxin. R. A. Katsnel'son, P. F. Berezina. Vest. ven. i derm. no. 3:53 My-Je '56.

TOYS

(see also subdivision under China; Kirov)

The dark blue camel. L. Kopylenko. Sov. Ukr. 6 no. 7: 190-192 Jl '56.

"Golden hands" workshop; arbalest-pistol. N. Zvezkin. Pioner no. 8:78 Ag '56.

Technical toys. E. A. Flerina. Doshk. vosp. 29 no. 8:27-31 Ag '56.

A toy called "I am thirsty." M. Turaev. Prom. koop. no. 5:18-19 My '56.

TRACE ELEMENTS

Amount of trace elements in human blood and organs. V. A. Lednov. Vestsi AN BSSR Ser. biial. nav. no. 1: 151-154 '56.

At the Institute of Microbiology; scientific conference. V. V. Alferov. Vest. AN SSSR 26 no. 8:90-91 Ag '56.

Effect of trace elements on the development and yielding ability of wheat in Azerbaijan. M. G. Abutalybov, A. Mardanov, Sh. Dzhangirova. Trudy Inst. zeml. AN Azerb. SSR 3:37-46 '55.

Problem of microfertilizers (minor elements). M. V. Katalymov. Khim. nauka i prom. 1 no. 2:155-159 '56.

TRACE ELEMENTS—CONGRESSES see subdivision under Belgrade

TRANSFORMATIONS (MATHEMATICS)
Dezarf'n functions and representations of a group of Euclidean motions, N.IA. Vilenkin. Usp.mat.nauk 11 no.3:69-113 My-Je '56.
"Linear algebra and projective geometry." R. Baer. [Translated from the English by E.G. Shul'geifer] Reviewed by B. A. Rozenfel'd. Usp.mat.nauk 11 no.3:231-334 My-Je '56.
New problem of quasi-analyticity and the transformation of Fourier's entire functions, K.I.Babenko. Trudy Mosk. mat. ob-va 5:523-543 '56.

TRANSISTORS
(see also subdivision under United States)
Direct volt-ampere characteristics of tungsten-germanium rectifiers of considerably strong currents, I.I. Bashlin, L.B. Tolpygo. Zhur.tekh.fiz. 26 no.7:1420-1427 Jl '56.
On the theory of transient processes in semiconductor triodes, E.I. Adirovich, V.G. Kobeltseva. Dokl. AN SSSR 108 no.4:610-612 Je '56.

TRANSLATING MACHINES
Experiments in mechanical translation on the BESM electronic calculating machine, G.P. Cherkovich, L.A. Kondrat'ev, S.N. Raznomovskii. Priroda 45 no.8:81-85 Ag '56
How programs are set up. Zarub.delo 11 no.7:24 Jl '56.

TRANSONIC AERODYNAMICS see Aerodynamics, Transonic

TRANSPIRATION OF PLANTS see Plants--Transpiration

TRANSPLANTATION (PHYSIOLOGY)
Surgeons and experimenting. A. Lapchinskii. Priv. Sibir. no.7:26-27 Jl '56.

TRANSPORT WORKERS
(see also subdivision under Lvov)
Conference of young production leaders a. Avt.transp. 34 no.6:14 Je '56.
Regulate the wages of repair and maintenance personnel. S. Minaev. Avt.transp. 34 no.6:7 Je '56.
Wages for drivers, senior drivers and managers of collective farm garages. I. Lomash. Avt.transp. 34 no.6:5-6 Je '56.

TRANSPORT WORKERS' CONGRESSES see subdivision under Amur Province

TRANSPORTATION
(see also subdivision under Moscow)
Development of motor transportation in the sixth five-year plan. A. Galitskii. Plan.khoz. no.3:45-55 '56.
Transportation in the sixth five-year plan. I. Cherkasov. Vop.ekon. no.7:14-31 Jl '56.
Transportation of tobacco. D. Averbukh. Ukraina no.14:17 Jl '56.
Valuable textbook on a branch of economics ("The economics of transportation." A.E. Gibbulman and others. Reviewed by L. Chernikov) Kommunist 31 no.10:120-128 Jl '56.

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Buryat-Mongolia; Krasnodar; Stavropol)
Changing short-run haulage from railroad transport to truck transport. E. Ivanova. Avt.transp. 34 no.5:4-6 My '56.
Effect of the actual conditions of operating trucks on the single work index of the automotive transport industry. M. Bank. Avt.transp. 34 no.5:8-9 My '56.
Hauling small freight lots on A lines schedule. N. Ostrovskii. Avt.transp. 34 no.5:36-37 My '56.
Obligation successfully carried out. G. Pinchuk. Avt.transp. 34 no.6:37 Je '56.
Organization of socialist competition in an automobile transportation office. P.E. Shadrin. Sbor.prod.-tekh.prosv. 1 no.5:26-27 Jl '56.
Unused resources for improving the organization of work in automotive transport organizations. P. Ulitskii. Avt.transp. 34 no.5:7-8 My '56.
Winners in all-Union socialist competition. Avt.transp. 34 no.6:34 Je '56.

TRANSPORTATION, AUTOMOTIVE--BIBLIOGRAPHY see Bibliography--Transportation, Automotive

TRAPSHOOTING
All-Union competition in skeet-shooting. E. Glinternik. Okh.i okhot.khoz. no.7:61-62 Jl '56.

TRAVEL
The ability to see; on the trips of our emissaries abroad. Valentin Shepelev. Nash.sovr. 3:252-260 '56.

TRAWLS AND TRAWLING
Catching of herring and sprat with a variable-depth trawl drawn by two boats. M.V. Rialubkin. Ryb.khoz. 32 no.6:13-15 Je '56.
Using a trawl drawn by two boats for catching German carp in shallow waters. V.F. Venkov, L.P. Solomonov. Ryb.khoz. 32 no.6:16-17 Je '56.

TREES
(see also subdivision under Mexico; Ukraine)
Birth of a new tree; interview with A.S. Iablokov. Iun.nat. no.1:34-35 Ap '56.

Effect of [illegible] on [illegible] [illegible] P.P. Pavlov. Izv.AN SSSR [illegible] '56.
In charge of such a detachment. [illegible] P.P. Pavlov. [illegible] '56.
Horizontal [illegible] of [illegible] of [illegible] of [illegible] no.3:140-151 '56.
How [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] no.6:120-133 '56.
In defense of a good kind. [illegible] '56.
In defense of a good kind. [illegible] no.1:44-45 Ap '56.
Interaction [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

ERCULOSIS (Continued)

stribution of nucleic acids in specific granulomas in xperimental tuberculous infections and in vaccinal rocesses. A. IA. Fridenshtein. Biul. eksp. biol. med. 2 no. 7:67-71 Jl '56.

mediate results of pneumoperitoneum for treating ulmonary tuberculosis. IU. S. Antonov. Voen.-med. zhur. no. 9:25-30 S '51.

lucing an artificial pneumothorax in disseminated orms of pulmonary tuberculosis. M. M. Sagantaev. Voen.-med. zhur. no. 3:85-86 Mr '56.

nophoresis and electrophoresis in the treatment of ulmonary tuberculosis. V. I. El'nik. Vop. kur. fizioter. lech. fiz. kul't. 21 no. 2:53 Ap-Je '56.

ial syndromes in tuberculosis infection. M. L. Mordovich. Voen.-med. zhur. no. 9:14-18 S '51.

eping pulmonary tuberculosis patients outdoors at the osnovskii health resort. M. S. Pis'mennyi. Voen.-med. zhur. no. 9:30-32 S '51.

reptomycin and PAS treatment of tuberculosis in a sanatorium. G. M. Neushev. Voen.-med. zhur. no. 9: 37-42 S '51.

reptomycin therapy for chronic pulmonary tuberculosis. I. G. Bezruchenko. Voen.-med. zhur. no. 9:18-25 S '51.

udying the physiological functions of the body in climatotherapy for tuberculosis on the southern shores of the Crimea. V. G. Boksha. Vop. kur. fizioter. i lech. fiz. kul't. 1 no. 1:13-17 Ja-Mr '56.

reatment of tuberculosis with ACTH combined with ntibacterial substances. N. A. Shmelev. Sov. med. 20 no. 6:36-44 Je '56.

tuberculosis in children." I. V. TSimbler. Reviewed by A. Slepisov. Pediatriia 39 no. 3:92-93 My-Je '56.

ing PAS for treating some forms of pulmonary tuberculosis. M. M. Sagantaev. Voen.-med. zhur. no. 9:42-44 S '51.

sing the radioactive isotope method for studying the intensity of phosphorus metabolism of erythorycles in uberculosis. Kh. K. Norman. Vest. rent. i rad. 31 no. 3:3-6 My-Je '56.

ERCULOSIS—DIAGNOSIS

iagnosing old and new forms of pulmonary tuberculosis with hard X rays. B. D. Rabinovich. Voen.-med. zhur. no. 9:68 S '51.

arly diagnosis of tuberculosis. I. I. Pertsov. Voen.-med. zhur. no. 9:60-67 S '51.

ERCULOSIS—HOSPITALS AND SANATORIUMS see subdivision under Peiping

ERCULOSIS—PREVENTION

ass surveys as a method for detecting tuberculosis in rural areas. L. S. Vainer, N. G. Kolesnichenko, E. P. TSyban'. Sov. zdrav. 15 no. 4:41-42 Jl-Ag '56.

ERCULOSIS IN POULTRY

lethods for combating tuberculosis in birds. R. V. Tuzava. Vestsi AN BSSR Ser. bital. nav. no. 1:129-133 '56.

COVIĆ, DIMITRIJE, 1881-1914

.Tucović, an outstanding functionary of the Serbian labor movement. S. A. Nikitin. Vop. ist. no. 5:108-115 My '56.

GBOATS

(see also subdivision under United States)

esign of a diesel-electric plant for a tugboat. I. A. Zaitsev. Sudostroenie 22 no. 4:11-16 Ap '56.

correct methods for the calculation of speed rate of pushing tugboat formations. S. Medvedev. Rech. transp. 15 no. 7:18-20 Jl '56.

ur experience in the technical operation of tugboats. Rech. transp. 15 no. 6:5-7 Je '56.

LA—MACHINERY INDUSTRY

reis, V., and others. [Mechanization and automatization of production; the experience of the Tula machine construction plant] Mekhanizatsiia i avtomatizatsiia proizvodstva; iz opyta Tul'skikh predpriiatii mashinostroeniia. [Tula] Tul'skoe kn-vo, 1956. 95 p.

JLA PROVINCE—IRON ORES

eological position and age of Tula ironore deposits. B. P. Epifanov. Dokl. AN SSSR 108 no. 2:305-308 My '56.

UMANOVO DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION

implify the district apparatus. I. Mozurov, A. Kochetkov, V. Ermolaev. Part. zhizn' no. 13:59-62 Jl '56.

UMORS

[Contemporary problems of oncology; translations, surveys, and abstracts of foreign periodical literature.] Sovr. probl. onk. 8 no. 5 '56.

Latent forms of melanosarcoma. M. T. Taranov. Veterinariia 33 no. 8:29-30 Ag 56.

Precipitation method in the detection of specific antigens which developed following orthoaminotoluine administration. T. A. Korosteleva. Biul. eksp. biol. med. 41 no. 6:50-55 Je '56.

TUMORS—TRANSPLANTATION

Results of heterogenic transplantation of a Rous sarcoma in decrebated and normal pigeons. L. K. Podzei, V. D. Vinogradova. Biul. eksp. biol. med. 42 no. 7:54-57 Jl '56.

TUNDRAS

(see also subdivision under Chukchi Peninsula)

Forest and tundra. B. A. Tikhomirov. Priroda 45 no. 7:31-38 Jl '56.

Sdobnikov, V.M. [Through taiga and tundra; a naturalist's notebook] Po taige i tundre; zapiski naturalista. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 230 p.

TUNGSTEN

Separation of rhenium from vanadium and tungsten by means of ion-exchange chromatography. D. I. Riabchikov, A. I. Lazarev. Trudy Kom. anal. khim. 7:64-76 '56.

Surface migration of tungsten atoms in an electric field. L. L. Sokol'skaia. Zhur. tekh. fiz. 26 no. 6: 1177-1184 Je '56.

TUNGSTEN—METALLURGY

On the high-temperature oxidation of tungsten. V. I. Arkharov, IU. D. Kozmanov. Fiz. met. i metalloved. 2 no. 2:361-369 '56.

TUNIS—POLITICS AND GOVERNMENT

Tunisia. Teddy Chemla. V zashch. mira no. 61:13-17 Je '56.

TURBELLARIA

The formation of small amoebocytes (cell-strains) in Turbellaria Sorocelis guttata under experimental conditions. E. D. Logachev. Dokl. AN SSSR 108 no. 2:357-358 My '56.

TURBIDITY

Phototurbidimetric determination of copper in aluminum alloys by means of hydrorubeanic acid. I. V. Tananaev, Kh. IA. Levitman. Trudy Kom. anal. khim. 7:21-26 '56.

Phototurbidimetric titration methods. Study of the system: $BaSO_4$ -- $BaCl_2$ -- $HCl(HNO_3)$ --$C_2H_5OH$ -- $H_2O$. N. D. Podobed. Trudy Kom. anal. khim. 7:27-40 '56.

TURBINES—AERODYNAMICS

Designing profile cascades with prescribed velocity distribution in subsonic flow. M. I. Zhukovskii. Energomashinostroenie no. 5:14-18 My '56.

TURBINES—BLADES

Measuring damping ratios of moving blades on the turbine rotor. R. L. Zaidel'man. Elek. sta. 27 no. 6:62 Je '56.

TURBOMACHINES

The problem of leakage in labyrinthine packing. N. B. Kadirov. Trudy Azerb. ind. inst. no. 7:114-129 '54.

TURCHANINON, PETR I., 1779-1856

Evening in memory of Archpriest P. I. Turchaninov. E. Karmanov. Zhur. Mosk. Patr. no. 4:12-13 Ap '56.

Wreath on the grave of Archpriest Petr Turchaninov. N. Uspenskii. Zhur. Mosk. Patr. no. 4:62-65 Ap '56.

TURGAY GATES—DESCRIPTION AND TRAVEL

Great Turgay. A. Nekrasov. Pioner no. 8:15-17 Ag '56.

TURGENEV, IVAN SERGEEVICH, 1818-1883

Problem of the positive hero in Russian literature of the 1860's (character of Bazarov in I. S. Turgenev's novel "Fathers and Sons." P. G. Pustovoit. Vest. Mosk. un. 11 no. 4:99-117 Ap '56.

TURGENEV, NIKOLAI IVANOVICH, 1789-1871

Criminal law in the works of the Decembrist, N. I. Turgenev. I. I. Solodkin. Vest. Len. un. 11 no. 11: 116-128 '56.

TURIN—HOURS OF LABOR—CONGRESSES

Greetings from the Central Committee of Czechoslovak trade unions. Vsem. prof. dvizh. no. 6:28 Je '56.

Our demands are as just as they are practicable. Fernando Santi. Vsem. prof. dvizh. no. 6:29 Je '56.

Telegram from the Association of Free German Trade Unions. Vsem. prof. dvizh. no. 6:29 Je '56.

Telegram to striking Danish workers from the Presidium of the Turin Conference on the 40-hour work week. Vsem. prof. dvizh. no. 6:29 Je '56.

To the International Conference on the 40-hour work week. V. Grishin. Vsem. prof. dvizh. no. 6:28 Je '56.

TURIN, ITALY—ROWING—HISTORY

History of rowing contests. V. Venikov. Fizk. i sport 26 no. 8:34-35 '56.

TURKEY—FOREIGN RELATIONS

A sad evolution. Nov. vrem. 14 no. 33:17 Ag '56.

TURKEY—HISTORY

The national liberation struggle of the Turkish people in 1919-1922 [with English summary in insert]. A. M. Shamsutdinov. Sov. vostokoved. no. 2:56-68 '56.

TURKEY—INVESTMENTS, FOREIGN

"Foreign capital investments in Turkey" [in English]. Nasim Cenani. Reviewed by IU. Roznitiev. Mezhdunar. zhizn' no. 7:143-146 Jl '56.

TURKEYS

(see also subdivision under Crimea; Krasnodar Territory; Stalingrad Province)

Field roosts. T. A. Pozdniakova. Pitsevodstvo 6 no. 6:37-38 Je '56.

Immediate tasks in the further development of turkey raising. N. N. Grigor'ev and others. Pitsevodstvo 6 no. 6:12-13 Je '56.

Let's increase the production of turkey meat. Pitsevodstvo 6 no. 6:3-6 Je '56.

TURKEYS—DISEASES AND PESTS

Sinusitis in turkeys. E. A. Petrovskaia. Trudy VNIIP 5:132-138 '54.

TURKEYS—FEEDING AND FEEDING STUFFS

Raising young turkeys for meat and fattening them at an early age. A. M. Kosilova, A. A. Provo, G. V. Pankrat'ev. Trudy VNIIP 5:19-30 '54.

TURKMENIA—LEISHMANIASIS

Prevention of cutaneous leishmaniasis in a natural reservoir. V. A. Lugina. Voen.-med. zhur. no. 6: 67-69 Je '56.

TURKMENISTAN—BIRDS

Data on the distribution of certain birds in Turkmenia. A. N. Sukhinin. Zool. zhur. 35 no. 5:770-780 My '56.

TURKMENISTAN—CLIMATE

Hot weather in Turkmenistan. N. IA. Miagkov, I. G. Oksenich. Priroda 45 no. 8:120 Ag '56.

TURKMENISTAN—CULTURE

Development and advance of socialist culture and science in the Turkmen S. S. R. [with English summary in insert]. K. M. Kuliev, I. L. Repin. Sov. vostokoved. no. 2:60-70 '56.

TURKS—HISTORY

Traits of ninth century Turks as seen in the "Epistles to Fath b. Khaqan" by al-Jahiz. A. M. Mandel'shtam. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:227-250 '56.

TURNING

Alfimova, I. A., P. M. Blokher, and A. I. Zaitseva. [Problems in turning] Zadachnik po tokarnomu delu. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 102 p.

LAtchenko, S.V. [Lathe work] Tokarnoe delo, Ed. 7-oe, ispr. Moskva, Izd-vo selkhoz. lit-ry, 1956. 532 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)

TUROVA, GALINA FILIPPOVNA

Participants in two Spartakiads. E. Rubin. Ogonek 34 no. 32:13 Ag '56.

TUSKS, FOSSIL

Minerals from mammoth tusks. G. N. Vertushkov. Min. sbor. no. 9:300-312 '55.

TUTTAV, ALEKSANDR IAKOVLEVICH, 1886-

A master mechanic's jubilee. N. Khrabrova. Ogonek 34 no. 24:28 Je '56.

TUVA AUTONOMOUS PROVINCE—ECONOMIC CONDITIONS

Land of undisclosed riches. I. Rechmedin. Znaina no. 7:7 Jl '56.

TUVA AUTONOMOUS PROVINCE—GEOCHEMICAL PROSPECTING

Biogeochemical prospecting for ore deposits in Tuva Autonomous Province. D. P. Maliuga, A. I. Makarova. Geokhimiia no. 1:106-112 '56.

TUVA AUTONOMOUS PROVINCE—LAKES

Physicochemical characteristics of Tuva salt lakes. I. N. Lopeshkov, V. K Solov'ev, N. N. Smirnova. Izv. Sekt. fiz.-khim. anal. 27:380-392 '56.

TUVA AUTONOMOUS PROVINCE—ORE DEPOSITS

Biogeochemical prospecting for ore deposits in Tuva Autonomous Province. D. P. Maliuga, A. I. Makarova. Geokhimiia no. 1:106-112 '56.

TUVA AUTONOMOUS PROVINCE—REVOLUTION, 1917-1921

Kyzyl, Tuvinskii nauchno-issledovatel'skii institut iazyka, literatury i istorii. [The history of foreign military intervention and civil war in Tuva (1918-1921)] K istorii inostrannoi voennoi interventsii i grazhdanskoi voiny v Tuve (1918-1921). Kyzyl, Tuvinskoe kn-vo, 1956. 119 p.

TUVA AUTONOMOUS PROVINCE—SOCIAL CONDITIONS

Grebnev, L. V. [Transition of Tuvinian nomads to a settled way of life] Perekhod tuvinskikh aratov-kochevnikov na osedlost'. Red. A. A. Kozlenko. Kazyl, Tuvinskoe kn-vo, 1956. 99 p.

TUYMAZY—OIL FIELDS

Precast reinforced concrete used in construction in the Tuymazy oil fields. A. A. Volkov. Stroi. pred. neft. prom. 1 no. 3:19-21 My '56.

TUYMAZY—PRECAST CONCRETE CONSTRUCTION
Precast reinforced concrete used in construction in the Tuymazy oil fields. A. A. Volkov. Stroi. pred. neft. prom. 1 no. 3:19-21 My '56.

TVARDOVSKII, ALEKSANDR TRIFONOVICH, 1910-
Actuality in poetry. P. Vykhodtsev. Neva no. 7:164-168 Jl '56.
Tvardovskii's lyrics. V. Dement'ev. Oktiabr' 33 no. 7:175-181 Jl '56.

2, 4-D—PHYSIOLOGICAL EFFECT
Some changes in the metabolism of tomato flowers and fruit under the influence of 2, 4-D and 2, 4, 5-trichlorophenoxyacetic acid. IU. V. Rakitin, K. L. Povolotskaia, D. M. Sedenko. Fiziol. rast. 3 no. 4:297-305 Jl-Ag '56.

TYL, JOSEF KAJETAN, 1808-1856
Josef Kajetan Tyl. A. Solov'eva. Slaviane no. 7:53-56 Jl '56.
Josef Kajetán Tyl. G. Leshchinskaia. Teatr 17 no. 7: 189-190 Jl '56.

TYPESETTING
We compose without galley proofs. G. Salamatin, B. Burdin. Sov. pech. no. 7:21 Jl '56.

TYPHOID FEVER
Effect of ionizing radiation on immunity to enteric infections. M. A. Tumanian, A. V. Izvekova. Med. rad. 1 no. 1:59-65 Ja-F '56.
Effect of multiple irradiation with small doses of roentgen rays on the development of immunity against Salmonella typhosa. O. V. Chakhava. Med. rad. 1 no. 2:29-32 Mr-Ap '56.

TYPHOID FEVER—PREVENTIVE INOCULATION
Methods for determining the preventive characteristics of serums. N. A. Khomenko. Zhur. mikrobiol. epid. i immun. 27 no. 7:74-79 Jl '56.

TYPHOONS
Characteristics of sources of storm microseisms. F. I. Monakhov. Izv. AN SSSR. Ser. geofiz. no. 6:634-643 '56.

TYSHLER, A.G.
A. G. Tyshler's theatrical work. G. Kozintsev. Neva no. 7:153-155 Jl '56.
Humane art. Teatr 17 no. 7:182-184 Jl '56.

TYUMEN'—COMMUNIST YOUTH LEAGUE
Ungathered grain. A. Vladimirov. Mol. komm. 14 no. 7:75-76 Jl '56.

TYUMEN'—PALEONTOLOGY, STRATIGRAPHIC
Stratigraphic correlation of upper Jurassic, Cretaceous, and Paleogenic deposits based on the microfaunal study of the Tyumen reference well 1-R. R. Kh. Lipman, V. I. Romanova. Mat. VSEGEI no. 9:88-113 '55.

TYUMEN' PROVINCE—COLLECTIVE FARMS
On the banks of the Ob. V. Zakharov. Mol. kolkh. 23 no. 7:23 Jl '56.

UDDER—TUBERCULOSIS
Tuberculosis of the udder. A. I. Protasov, A. V. Bol'shakova. Sots. tvar. 28 no. 8:57-58 Ag '56.

UDE LANGUAGE
...ins. M. G. Abdushelishvili. ...5:455 462 '56.

UKRAINE—AGRICULTURAL RESEARCH
Results of reconstruction and tasks facing institutions of the Agricultural Department of the Academy of Sciences of the Ukrainian S. S. R. P. A. Vlasiuk. Visnyk AN URSR 21 no. 1:38-52 Ja '49.

UKRAINE—AGRICULTURE
The propagation of progressive experience should be equal to its new tasks. I. Dudnyk. Kom. Ukr. 32 no. 8: 70-77 Ag '56.
Ukraine at the All-Union Agricultural Exhibition. O. A. Lappo. Mekh. sil'. hosp. 7 no. 8:6-7 Ag '56.
Ukrainian agricultural specialists in their struggle to fulfill the directives of the 20th Party Congress. M. Hurieiev. Kom. Ukr. 32 no. 8:43-51 Ag '56.

UKRAINE—AGRICULTURE—HISTORY
Archaeological materials concerning the agricultural history of the ancient eastern Slavs in the Ukrainian territory. V. I. Dovzhenok. Visnyk AN URSR 21 no. 2: 54-65 F '49.

UKRAINE—AMATEUR THEATRICALS
Art of young people. V. Beketova. Sots. kul't. 10 no. 8:26 Ag '56.
Theater groups in rural clubs. V. Kolomiiets'. Sots. kul't. 10 no. 8:27-29 Ag '56.

UKRAINE—AMPHIBOLITE
Hydrochlorite from the weathering crust of amphibolite in the southern part of the Ukrainian crystalline massif. E. G. Kukovskii, I. D. Sedletskii. Dokl. AN SSSR 108 no. 4:719-722 Je '56.

UKRAINE—AMUR CORK TREE
Quality of the wood of Amur cork trees growing in the Ukraine. M. K. Bykov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:72-75 '54.

UKRAINE—APPLE
Growth of apple roots in the southern forest-steppe region. S. A. Samtsevych. Dop. AN URSR no. 1:56-62 '49.

UKRAINE—ARCHAEOLOGY
Academic conference of the Archaeological Institute of the Academy of Sciences of the Ukrainian S. S. R. I. H. Shovkoplias. Visnyk AN URSR 27 no. 6:54-62 Je '56.
Status and tasks of archaeological science in the Ukraine. S. M. Bibikov. Visnyk AN URSR 27 no. 6:20-29 Je '56.

UKRAINE—ARCHIVES—PERIODICALS
"Nauchno-informatsionnyi biulleten'" of the Archival Administration of the Ukrainian S. S. R. M. A. Kareva. Ist. arkh. no. 3:232-234 My-Je '56.

UKRAINE—ASH (TREE)
Growth of oak and ash in plantations of the Chornyi Les forest massif. A. G. Soldatov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2:17-53 '54.

UKRAINE—ASTRONOMY
Conference of Ukrainian astronomers. Sh. H. Hordeladze. Visnyk AN URSR 24 no. 11:78 N '52.
In the Astronomy Committee of the Academy of Sciences of the Ukrainian S. S. R. Sh. H. Hordeladze. Visnyk AN URSR 24 no. 11:78 N '52.

UKRAINE—AZOTOBACTER
Activity of local Azotobacter strains from soils of the Ukrainian S. S. R. L. I. Rubenchyk and others. Mikrobiol. zhur. 13 no. 2:3-20 '51.

...—BIOLOGY
...se in the reconstruction of institutions of ...ent of Biology of the Academy of Sciences ...ian S. S. R. P. O. Svyrydenko. Visnyk AN ... '53-57 Ja '49.

...LLERS AND BOOKSELLING
...ted notes. Sots. kul't. 10 no. 8:34

...CAL SOCIETIES
...anical Society in 1955. A. I. Barbarych. ... 3 no. 1:114 '56.

...ntific activity of the Botanical Institute ...f Sciences of the Ukrainian S. S. R. ... Ukr. bot. zhur. 13 no. 2:121-125

...ical Institute of the Academy of Sci... ...inian S. S. R. Ukr. bot. zhur. 13 no. 1...

...ersary of the Botanical Institute of the ...ces of the Ukrainian S. S. R. D. K. ... zhur. 13 no. 1:6-14 '56.

...venue in local budgets. I. Popov. ... 7:48-51 Jl '56.

...s for breeding purposes. M. S. No... ...var. 28 no. 6:28 Je '56.

UKRAINE—CERAMIC INDUSTRIES
Ukrainian ceramics. IU. Lymar. Ukraina no. 11:30 Je '56.

UKRAINE—CHEKCERS—TOURNAMENTS
Victory of the Kiev checkers players. I. Kuperman. Shakh. v SSSR 33 no. 7:219-220 Jl '56.

UKRAINE—CHESS—TOURNAMENTS
One hundred and ninety games. I. Lypnyts'kyi. Ukraina no. 15:30 Ag '56.

UKRAINE—CHILDREN'S LITERATURE
Writers for children. IU. Zbanats'kyi. Pionerila 33 no. 8:31 Ag '56.

UKRAINE—COAL MINES AND MINING
Urgent problems in the development of the Ukrainian coal industry. Kom. Ukr. 31 no. 6:1-11 Je '56.

UKRAINE—COLLECTIVE FARMS
Make full use of potentialities of collective farm production. A. Pinchuk. Sots. sel'khoz. 27 no. 5:43-48 '56.

UKRAINE—COLLECTIVE FARMS—ACCOUNTING
Accounting of production expenditures. V. Tabashnikov. Kolkh. proizv. 16 no. 5:35-37 My '56.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Party news. Kom. Ukr. 31 no. 8:78-80 Je '56.
Party news. Kom. Ukr. 32 no. 8:78-80 Ag '56.

UKRAINE—COMMUNITY CENTERS
Disseminate the practice of progressive clubs. H. Petrenko. Sots. kul't. 10 no. 8:20-21 Ag '56.

UKRAINE—CONSTRUCTION INDUSTRY
Construction organizations serving more than one collective farm in the Ukraine. P. Lipkin. Sel'. stroi. 11 no. 5:3-4 My '56.

UKRAINE—CONSTRUCTION INDUSTRY—FINANCE
Using credit issued by the Industrial Bank. G. Khmel'nitskii. Fin. SSSR 17 no. 7:64-65 Jl '56.

UKRAINE—CORN (MAIZE)—HARVESTING
Make full use of equipment in corn harvesting. Mekh. sil'. hosp. 7 no. 8:1-2 Ag '56.

UKRAINE—COWS
Hygienic conditions for summer maintenance of cows. K. O. Bakhmet, P. F. Taran. Sots. tvar. 28 no. 6:55-58 Je '56.

UKRAINE—CRIMINAL LAW
Padokh, IAroslav. [The history of Ukrainian criminal law] Narys istorii ukrains'koho karnoho prava. Peredmova Lev Okinshevych. Miunkhen, Vyd-vo "Moloda zhyttia," 1951. 128 p. (Naukove tovarystvo im. Shevchenka. Bibliioteka ukrainoznavstva, pt. I)

UKRAINE—CULTURE
Brief news. Zhovten' 0 no. 7:126-127 Jl '56.
Brief news on culture and art. Vitchyzna 24 no. 7:188-191 Jl '56.
Brief news on culture and art. Vitchyzna 24 no. 8:189-192 Ag '56.
Development of Soviet socialist culture in the Ukrainian S. S. R. P. I. Pustokhod, M. V. Darahan. Visnyk AN URSR 24 no. 11:44-55 N '52.

UKRAINE—DAIRY CATTLE—FEEDING AND FEEDING STUFFS
Summer field shelters for dairy cattle. E. Khokhlak. Kolkh. proizv. 16 no. 5:26-27 My '56.
Ukrainian secrets. Aleksandr Mikhalevich. Ogonek 34 no. 34:2-4 Ag '56.

UKRAINE—DERMATOLOGY
Students of pioneers of Russian dermatology and venereology in the Ukraine. M. G. Khoroshin. Vest. ven. i derm. no. 3:41-45 My-Je '56.

UKRAINE—DISSERTATIONS, ACADEMIC
Defense of dissertations. V. M. Kovalenko. Visnyk AN URSR 27 no. 6:65-76 Je '56.

UKRAINE—DUCKS
Mass fattening of water fowl. N. Gorlunov. Kolkh. proizv. 16 no. 5:28-29 My '56.

UKRAINE—ECONOMIC POLICY
Meeting of scientists of the Academy of Sciences of the Ukrainian S. S. R. L. P. Tereshchenko. Visnyk AN URSR 24 no. 11:69-73 N '52.
Scientific workers will carry out resolutions of the 16th Congress of the Communist Part of the Ukraine with honor. Visnyk AN URSR 21 no. 2:3-9 F '49.

UKRAINE—EDUCATION—STUDY AND TEACHING
"Pedagogical lectures" in provincial centers. Rad. shk. 35 no. 7:60-61 Jl '56.

UKRAINE—ELECTRIC POWER PLANTS
Ukrainian Industrial Council constructs midget electric power plants. R. Mullarchuk. Prom. koop. no. 5:38 My '56.

UKRAINE—FARM PRODUCE—MARKETING

Carry out plans for the procurement and purchase of agricultural produce ahead of time. T. T. Popl'ovkin. Mekh. sil'. hosp. 7 no. 7:1-2 Jl '56.

UKRAINE—FEEDING AND FEEDING STUFFS

Important source for the production of supplementary feeding stuffs. S. H. Lytvyn. Sots. tvar. 28 no. 6:29-30 Je '56.

UKRAINE—FISH CULTURE

Ecological conditions of pond carp culture in the Ukrainian S. S. R. P. S. Vovk. Trudy Inst. gidrobiol. AN URSR no. 32:125-148 '55.

Over-all intensification and experimental ecological work in pond fish culture. V. A. Movchan. Trudy Inst. gidrobiol. AN URSR no. 32:3-36 '55.

Steppe ponds of the Ukrainian S. S. R. and their utilization in fish culture. V. A. Movchan, O. O. Korotkevich. Trudy Inst. gidrobiol. AN URSR no. 32:100-124 '55.

UKRAINE—FISH PONDS

Materials on comparative hydrochemical characteristics of ponds of the forest steppe and steppe zones of the Ukrainian S. S. R. A. D. Konenko. Trudy Inst. gidrobiol. AN URSR no. 32:37-47 '55.

UKRAINE—FOREST SOILS

Role of roots and organic litter of deciduous forests in the origin of forest-steppe soils. P. S. Pohrebniak. Dop. AN URSR no. 2:55-62 '48.

UKRAINE—FORESTS AND FORESTRY

Brief news. Shor. VNITOLES Ukr. resp. otd. no. 1/2:342-365 '54.

UKRAINE—FRESH WATER BIOLOGY

Progress in Ukrainian hydrobiology during the 30 years of the Soviet power. IA. V. Roll. Trudy Inst. gidrobiol. AN URSR no. 23:3-14 '49.

UKRAINE—FUNCTIONAL ANALYSIS

History of the development of functional analysis in the Ukraine. G. E. Shilov. Ist.-mat. issl. no. 9:427-476 '56.

UKRAINE—FUNGI

Soil fungi of virgin steppes of the Ukrainian S. S. R. M. IA. Zerova. Ukr. bot. zhur. 13 no. 2:60-77 '56.

UKRAINE—FUNGI, POISONOUS

Studying the role of toxic fungi in the diseases of man and domestic animals. M. M. Pidoplichka, V. I. Bilai. Mikrobiol. zhur. 9 no. 2/3:22-26 '48.

UKRAINE—GAS, NATURAL

Results of the scientific industrial meeting on the problem of oil- and gas-bearing capacity of the Ukrainian S. S. R. V. IA. Klymenko. Geol. zhur. 16 no. 3:86-89 '56.

UKRAINE—GAS INDUSTRY

Problems in the over-all utilization of natural and industrial gases in the national economy of the Ukrainian S. S. R. I. T. Shvets'. Visnyk AN URSR 21 no. 1:64-68 Ja '49.

Resolution of the conference for the coordination of plans for scientific research on the problem "The over-all utilization of natural and industrial gases in 1949 in the Ukrainian S. S. R." Visnyk AN URSR 21 no. 1:69-70 Ja '49.

UKRAINE—GEOGRAPHY

"Geography of the Ukrainian S. S. R." Ol. T. Dibrova. Reviewed by P. S. Pogrebniak, V. D. Symonenko. Rad. shk. 35 no. 8:90-3 of cover Ag '56.

UKRAINE—GEOLOGY

In the Geological Institute. V. IU. Kondrachuk. Visnyk AN URSR 21 no. 2:76-77 F '49.

Republic conference on problems in the operation of the geological service in the Ukrainian S. S. R. V. IU. Kondrachuk. Visnyk AN URSR 21 no. 2:66-67 F '49.

UKRAINE—GEOLOGY, STRATIGRAPHIC

Brief lithological description of upper Jurassic deposits in the western provinces of the Ukraine. IA. M. Sandler, H. P. Vorona. Nauk zap. L'viv. nauk. pryrod. muz. AN URSR 4:55-58 '55.

UKRAINE—GRANITE

IUrk, IU.IU. [Granites and pegmatites of the Ukrainian crystalline shield] Granity i pegmatity ukrainskogo kristallicheskogo shchita. Kiev, Izd-vo Akademii nauk USSR, 1956, 121 p.

UKRAINE—GRAPES—VARIETIES

Establishing plots for grape variety tests in the Ukraine. M. A. Zelenskii, N. N. Pilipenko. Vin. SSSR 16 no. 4: 20-32 '56.

UKRAINE—HARVESTING

Harvesting; photos. Rad. shkh. 11 no. 7:8-9 Jl '56.

Harvesting in separate operations in the Ukraine. S. T. Kushnirenko. Nauka i perod. op. v sel'khoz. no. 6:12-14 Je '56.

Let us be fully prepared for harvesting. Mekh. sil'. hosp. 7 no. 6:1-2 Je '56.

Prevention of losses is an important factor in increasing the gross grain harvest. N. Tunchaninov. Kom. Ukr. 31 no. 6:12-21 Je '56.

Sounds of harvesting time. Ukraina no. 14:2 Jl '56.

UKRAINE—HAY

Stock a sufficient supply of hay. Sots. tvar 28 no. 6:3-6 Je '56.

UKRAINE—HEALTH RESORTS, WATERING PLACES, ETC.

There is no need to go to the Crimea. Ukraina no. 14: 10-10 Jl '56.

UKRAINE—HISTORY

Glorious anniversary. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 4:3-9 '53.

Hirniak, Nykyfor. [Organization and spiritual development of the Ukrainian Legion] Organizatsiia i dukhovyi rist ukrains'kykh sichovykh stril'tsiv. Fyladelfiia, Nakladom vyd-va "Ameryka," 1955. 83 p.

IAroslavyn, Sydir. [The fight for the liberation of western Ukrainian lands during 1918-1923] Vyzvol'na borot'ba na Zakhid'no-Ukrains'kykh Zemliakh u 1918-1923 rokakh. Fyladelfiia, Nakladom hurtka prykhyl'nykiv, 1950. 182 p.

Petlura, Symon. [Articles, correspondence, documents] Statti, lysty, dokumenty. N'iu Iork, Vyd. Ukrains'koiu vil'noiu akademiieiu nauk u SShA, 1956. 470 p.

Raise the ideological and theoretical level of historical works ("Russian-Ukrainian relations from 1648 to the beginning of 1651," O. K. Kusymenko. Reviewed by I. Boiko). Kom. Ukr. 31 no. 6:60-70 Je '56.

UKRAINE—HOME AND SCHOOL

Lectures for parents in the Ukraine. Sov. pedag. 20 no. 7:123-124 Jl '56.

UKRAINE—HYDROELECTRIC POWER STATIONS

Hydroelectric power stations in local power systems. O. IE. IEzers'kyi, H. T. Kosenko. Mekh. sil'. hosp. 7 no. 9:27-28 S '56.

UKRAINE—INDUSTRIAL MANAGEMENT

The propagation of progressive experience should be equal to its new tasks. I. Dudnyk. Kom. Ukr. 32 no. 8: 70-77 Ag '56.

UKRAINE—KOK-SAGHYZ—DISEASES AND PESTS

Bacterial diseases of kok-saghyz. Report no. 1. N. S. Novikova. Mikrobiol. zhur. 9 no. 2/3:48-52 '48.

Sources and ways of spreading infection in bacterial wilt of receptacles of kok-saghyz. N. S. Novykova. Mikrobiol. zhur. 13 no. 2:48-61 '51.

UKRAINE—LABOR AND LABORING CLASSES—HISTORY

Ukrainian workers in the struggle against social oppression during the end of the 18th and the first half of the 19th century. I. O. Hurzii. Visnyk AN URSR 27 no. 9: 13-19 Je '56.

UKRAINE—LANGUAGE AND LANGUAGES

Problems of Soviet linguistics in the Ukraine. K. K. TSiliuke. Visnyk AN URSR 21 no. 2:44-53 F '49.

UKRAINE—LARCH

Intensify larch planting in the Ukraine. I. P. Dorokhov. Shor. VNITOLES Ukr. resp. otd. no. 1/2:61-65 '54.

UKRAINE—LEAD ORES

Age and geochemical characteristics of lead ores in the Ukraine. A. I. Tugarinov, S. I. Zykov. Geokhimiia no. 3:42-49 '56.

UKRAINE—LICHENS

Oksner, A. M. [Lichens of the Ukraine; in two volumes] Flora lyshainykiv Ukrainy; v dvokh tomakh. Kyiv, Vyd-vo Akademii nauk URSR.
Vol. I. 1956. 404 p.

UKRAINE—LOCUST (TREE)

Planting black locust along gullies and on steep slopes of the Ukrainian S. S. R. V. I. Grimal'skii. Shor. VNITOLES Ukr. resp. otd. no. 1/2:63-71 '54.

UKRAINE—MACHINE-TRACTOR STATIONS

Achievements of Soviet Ukrainian machinery operators. I. H. Holikov. Mekh. sil'. hosp. 7 no. 7:8-9 Jl '56.

Material incentives for tractor group members. V. M. Hel'man. Mekh. sil'. hosp. 7 no. 1:8-10 Ja '56.

Move forward unceasingly, do not be satisfied with your successes. Mekh. sil'. hosp. 7 no. 1:1-2 Ja '56.

Protection of labor and safety measures during autumn field and repair work. O. F. Krylov. Mekh. sil'. hosp. 7 no. 9:1-2 S '56.

UKRAINE—MACHINERY INDUSTRY

More speed in mastering the production of new machines at Ukrainian factories. S. IAmpol'skii. Komm. Ukr. 31 no. 4:54-64 Ap '56.

UKRAINE—MATHEMATICS

Development of mathematics in the Ukraine. B. V. Gnedenko, I. B. Pogrebyssklı. Ist.-mat. issl. no. 9:403-426 '56.

UKRAINE—MICROBIOLOGY

Work of the D. K. Zabolotnyi Institute of Microbiology of the Academy of Sciences of the Ukrainian S. S. R. during the time of its existence, 1929-1947. V. H. Drobot'ko. Mikrobiol. zhur. 9 no. 2/3:5-11 '48.

UKRAINE—MINERALOGY—BIBLIOGRAPHY

Literature on the mineralogy of the Ukraine for 1954. F. F. Maksimenko. Min. sbor. no. 9:384-399 '55.

UKRAINE—MOSSES

"Guide to mosses of the Ukraine," A. S. Lazarenko. Reviewed by H. F. Bachuryna. Ukr. bot. zhur. 13 no. 2: 118-120 '56.

Mosses of steppe preserves of the Academy of Sciences of the Ukrainian S. S. R. D. K. Zerov, H. F. Bachuryna. Ukr. bot. zhur. 13 no. 2:78-84 '56.

UKRAINE—MOTION-PICTURE PROJECTION

Improve motion-picture service for the rural population. Sots. kul't. 9 no. 6:1-2 Je '56.

UKRAINE—MOTION PICTURES—PRODUCTION AND DIRECTION

Work of Ukrainian film studios. M. Bohomazov. Sots. kul't. 9 no. 6:17-18 Je '56.

UKRAINE—MOTION PICTURES, DOCUMENTARY

Conference of Ukrainian producers of documentary motion pictures. Isk. kino no. 5:119 My '56.

UKRAINE—NERVOUS SYSTEM—SURGERY

At the second scientific session of the Institute of Neurosurgery of the Ministry of Health of the Ukrainian S. S. R., A. P. Romodanov. Fiziol. zhur. [Ukr.] 1 no. 1: 136-139 Ja-F '55.

UKRAINE—NURSERIES (HORTICULTURE)

Negligence in the use of regionally adapted species and varieties by the nurseries of the Ukrainian S. S. R. A. M. Seridko. Sad i og. no. 8:41-43 Je '56.

UKRAINE—OAK

Growth of oak and ash in plantations of the Chernyi Les forest massif. A. G. Soldatov. Shor. VNITOLES Ukr. resp. otd. no. 1/2:17-53 '54.

UKRAINE—OIL WELL DRILLING

Work of progressive drilling crews of the association of Ukrainian oil fields. N. A. Bogletsova. Neft. khoz. 34 no. 6:59-62 Je '56.

UKRAINE—PALEOBOTANY

New data on Tortonian flora of the western Ukraine. P. O. Mchedlishvili. Ukr. bot. zhur. 13 no. 2:85-88 '56.

UKRAINE—PEAT

Complex utilization of domestic fuels in the Ukrainian S. S. R. Part 16. Composition of tar from lowland peat of the Ukrainian S. S. R. obtained in semicoking with a solid heat carrier. V. I. Kuznetsov, A. A. Bobrova. Ukr. khim. zhur. 22 no. 3:405-408 '56.

UKRAINE—PEGMATITES

IUrk, IU.IU. [Granites and pegmatites of the Ukrainian crystalline shield] Granity i pegmatity ukrainskogo kristallicheskogo shchita. Kiev, Izd-vo Akademii nauk USSR, 1956, 121 p.

UKRAINE—PETROLEUM

Results of the scientific industrial meeting on the problem of oil- and gas-bearing capacity of the Ukrainian S. S. R. V. IA. Klymenko. Geol. zhur. 16 no. 2:86-89 '56.

UKRAINE—PHYSICAL EDUCATION AND TRAINING

A festival of beauty and strength. M. IUrchenko. Sots. kul't. 10 no. 8:16-18 Ag '56.

Messengers of the Ukraine. Zmina no. 7:20-22 Jl '56.

UKRAINE—PHYSICAL THERAPY

Republic conference of province physical therapists of the Ukraine. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:93-94 Ja-Mr '56.

UKRAINE—PHYTOPLANKTON

Phytoplankton of newly built fish ponds of the Ukrainian S. S. R. during the first year after they have been filled with water. D. A. Radzimovskii. Trudy Inst. gidrobiol. AN URSR no. 32:48-66 '55.

UKRAINE—PLANT DISEASES

History of the study of plant bacteriosis during the Soviet regime in the Ukraine. K. H. Bel'tiukova. Mikrobiol. zhur. 9 no. 2/3:12-21 '48.

UKRAINE—POLITICS AND GOVERNMENT

Significant event in the history of the Ukrainian people. Komm. Ukr. 30 no. 10:3-12 O '54.

UKRAINE—POTATOES

Enlarged session of the Scientific Council. G. V. Trokhimovskii. Kartofel' no. 2:60 My-Je '56.

Causes of early wilting of potatoes in southwestern districts of the Ukrainian S. S. R. E. E. Fomin. Kartofel' no. 2:31-33 My-Je '56.

Optimum irrigation conditions for potatoes in the southern steppe of the Ukrainian S. S. R. M. I. Katkov. Kartofel' no. 2:62-63 My-Je '56.

UKRAINE—POTATOES—VARIETIES

Valuable experiment of Southern Ukrainian potato growers. F. I. Nemchin. Kartofel' no. 2:61-62 My-Je '56.

UKRAINE—PROBABILITIES

Development of the theory of probabilities in the Ukraine. B. V. Gnedenko, I. I. Gikhman. Ist.-mat. issl. no. 9: 477-536 '56.

UKRAINE—PUBLIC HEALTH
Council of public health cooperation. V. V. Volnarovskii. Fel'd. i akush. 21 no. 6:36-37 Je '56.

UKRAINE—PUBLISHERS AND PUBLISHING
Bring publishing closer to life. N. Ravliuk. Sov. Ukr. 6 no. 7:146-151 Jl '56.

UKRAINE—RECLAMATION OF LAND
Make better use of marshy grounds. A. A. Popova. Visnyk AN URSR 24 no. 10:58-60 O '52.
Prospects and present-day situation in the utilization of marshlands on collective farms of the Ukrainian S. S. R. M. O. Tiuleniev. Visnyk AN URSR 27 no. 6:30-38 Je '56.

UKRAINE—RELATIONS (GENERAL) WITH CHINA
A single family. Ukraina no. 12:8 Je '56.

UKRAINE—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Meetings with foreign scholars. S. Levterov. Visnyk AN URSR 27 no. 6:76-78 Je '56.

UKRAINE—RELATIONS (GENERAL) WITH FRANCE
In the name of peace and friendship. Ukraina no. 11:7 Je '56.

UKRAINE—RELATIONS (GENERAL) WITH GREAT BRITAIN
Cities-friends. I. Mel'nikov. Ukraina no. 11:8 Je '56.

UKRAINE—RELATIONS (GENERAL) WITH INDIA
Doctor Radhakrishnan was our guest. Ukraina no. 15:4 Ag '55.

UKRAINE—RELATIONS (GENERAL) WITH IRAN
"That will be of use." Ukraina no. 15:4 Ag '56.

UKRAINE—RELATIONS (GENERAL) WITH YUGOSLAVIA
Good-by, dear friends. Mykhailo Nidze. Ukraina no. 13:2-3 Jl '56.

UKRAINE—REVOLUTION OF 1905
Glorious chronicle of the revolutionary struggle ("Leaflets of Ukrainian Bolsheviks during the first Russian revolution, 1905-1907." Reviewed by V. Stollarenko). Komm. Ukr. 31 no. 4:75-80 Ap '56.

UKRAINE—ROCKS, SEDIMENTARY
Brief review of the facies and conditions of formation of sedimentary rocks in the western provinces of the Ukraine. O. S. V'ialov. Nauk. zap. L'viv. nauk. pryrod. muz. AN URSR 4:5-19 '55.

UKRAINE—SCARABAEIDAE
Results of introducing in the Ukraine the method of using DDT and benzene hexachloride dusts to protect pine seedling roots from the larvae of scarabs. D. F. Rudnev, N. F. Pashov. Sbor. VNITOLES Ukr. resp. otd. no. 1/2: 94-106 '54.

UKRAINE—SOVIET
Generalize the progressive practice of local Soviets in a creative way. V. TSvetkov. Kom. Ukr. 31 no. 8:71-77 Je '56.

UKRAINE—SOWING
Prepare for sowing winter crops in time. T. P. Zaitsev. Mekh. sil'. hosp. 7 no. 7:13-14 Jl '56.

UKRAINE—SPORTS
Spartakiada of the Ukrainian S. S. R. Ukraina no. 14:3 Jl '56.

UKRAINE—STOCK AND STOCKBREEDING—EXHIBITIONS
Demonstration of Ukrainian farm animals at the exhibition. Z. A. Kucherenko. Sots. tvar 28 no. 8:24-25 Ag '56.

UKRAINE—STRAWBERRIES—VARIETIES
Promising strawberry varieties. S. Kh. Duka. Sad i og. no. 6:55-56 Je '56.

UKRAINE—STRIP MINING
Best mine of the Ukraine. Mast. ugl. 5 no. 7:27 Jl '56.

UKRAINE—SUGAR BEETS
Contest for the best technical improvement in mechanized cultivation of sugar beets. Sakh. prom. 30 no. 6:53 Je '56.

UKRAINE—SWINE
Raising large litters. N. E. Donets. Svinovodstvo no. 4: 10-11 Je '56.

UKRAINE—SWINE—FEEDING AND FEEDING STUFFS
Fattening hogs in summer. T. M. Skyba. Sots. tvar. 28 no. 6:35-36 Je '56.
Feeding swine meat-making rations containing various quantities of corn. V. A. Nazarenko. Svinovodstvo no. 4:16-17 Je '56.

UKRAINE—TECHNICAL EDUCATION
For a creative solution to problems of practical science instruction. P. T. Dudnyk. Rad. shk. 35 no. 3:3-11 Ag '56.

General technical education in the schools of the Ukraine (according to newspaper reports). Rad. shk. 35 no. 5: 62 My '56.

UKRAINE—TILLAGE
Fall plowing in dry regions of the Ukraine. M. A. Romanovskii. Sovkhoz. proizv. no. 8:36-39 Ag '56.

UKRAINE—TREES
Conference on trees of the Ukrainian S. S. R. M. P. Lysenko. Vest. Len. un. 11 no. 12:113-115 '56.

UKRAINE—UNIONIDAE, FOSSIL
Deposits containing Unio sturi M. Hörnes and its importance for the stratigraphy of the Pliocene of the Ukrainian and Moldavian S. S. R. A. G. Eberzin. Dokl. AN SSSR 108 no. 4:723-725 Je '56.

UKRAINE—WALKING
Starting summer trips. A. Pishchans'kyi. Pionerita 33 no. 7:1-3 Jl '56.

UKRAINE—WHEAT
Sowing winter wheat after corn. I. L. Kolesnik. Zemledelie 4 no. 7:73-76 Jl '56.

UKRAINE—WHEAT—VARIETIES
Vitamin B and tocopherol content of embryos, bran, and oil of some wheat varieties of the Ukrainian S. S. R. I. H. Drokova and others. Ukr. biokhim. zhur. 23 no. 4:371-375 '51.

UKRAINE—WILD LIFE, CONSERVATION OF
Protection of nature in the Ukrainian S. S. R. and tasks of botanists. M. I. Kotov, S. S. Kharkevych. Ukr. bot. zhur. 13 no. 2:3-14 '56.

UKRAINE—WIT AND HUMOR—PERIODICALS
"Pepper... and others..." Bor. Privalov. Sov. Soiuz no. 6:32-33 Je '56.

UKRAINE—ZOOLOGY
Tatarinov, K. A. [Animals of the western provinces of the Ukraine; materials for a study of the fauna of the Ukraine] Zviri zakhidnykh oblastei Ukrainy; materialy do vyvchennia fauny Ukrains'koi RSR, Kyiv, Vyd-vo Akademii nauk URSR, 1956, 180 p.

UKRAINE—ZOOPLANKTON
Zooplankton of newly built ponds of the forest steppe and steppe regions of the Ukrainian S. S. R. A. Z. Miroshnichenko. Trudy inst. gidrobiol. AN URSR no. 32: 67-99 '55.

UKRAINIAN LANGUAGE
Love of the mother tongue. Mykyta Shumylo. Zmina no. 7:12-13 Jl '53.

UKRAINIAN LANGUAGE—DIALECTS
Observations on the vocabulary of dialects of northwestern districts of L'vov Province. S. M. Kryvoruchko. Dop. ta pov. L'viv. un. no. 4, pt. 1:54-58 '53.

UKRAINIAN LANGUAGE—ETYMOLOGY—NAMES
Feminine personal names in the language of Ukrainian documents of the 14th-15th centuries. L. L. Humets'ka. Nauk. zap. Inst. susp. nauk AN URSR 3:110-122 '54.

UKRAINIAN LANGUAGE—PHONOLOGY
System of vowel phonemes in the modern Ukrainian literary language. I. Z. Petyichnyi. Dop. ta pov. L'viv. un. no. 4, pt. 1:50-53 '53.

UKRAINIAN LANGUAGE—STUDY AND TEACHING
Chuiko, H. A., and I. A. Havelia. [A method of teaching Ukrainian in elementary schools] Metodyka vykladannia ukrains'koi movy v pochatkovii shkoli. Kyiv, Radians'ka shkola, 1955. 310 p.
(NNC)

UKRAINIAN LANGUAGE—VERBS
Notes on compound forms of the past tense in Old Russian and Old Ukrainian written memorials before the 16th century. I. M. Kernyts'kyi. Nauk. zap. Inst. susp. nauk AN URSR 3:123-134 '54.

UKRAINIAN LITERATURE
Adam Micklewicz and the Ukrainian literature. G. D. Verves. Lit. slav. nar. no. 1:105-116 '56.

UKRAINIAN LITERATURE—COLLECTIONS
Volyniak, Petro. [Kiev; a reader for the third grade and outside reading] Kyiv; chytanka dlia 3-oi kliassy ta pozashkil'noho chytantia. Toronto, Vyd-vo "Novi dni," 1954, 111 p.
Volyniak, Petro. [Periwinkle; a reader for the second grade and for outside reading] Barvinok; chytanka dlia 2-oi kliasy ta pozashkil'noho chytannia. Druhe poshyrene vyd. Toronto, Vyd-vo "Novi dni," 1955. 107 p.
Volyniak, Petro. [The Dnieper; a reader for the fifth grade and for outside reading] Dnipro; chytanka dlia 5-oi kliasy ta pozashkil'noho chytannia. Toronto, Vyd-vo "Novi dni," 1953. 112 p.

UKRAINIAN LITERATURE—HISTORY AND CRITICISM
About this; literary notes. Grigorii Variianov. Sov. Ukr. 6 no. 6:153-158 Je '56.
Reconnaissance in the right direction. Vl. Kovalevskii. Sov. Ukr. 6 no. 7:152-160 Jl '56.
The writer and social life. Mykola Pyvovarov. Vitchyzna 24 no. 7:135-148 Jl '56.

UKRAINIAN LITERATURE—PERIODICALS
Readers discuss the periodical "Dnipro." Dnipro 30 no. 8:128 Ag '56.

UKRAINIAN LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES
Art of literary translation in the Ukraine (conclusion). Oleksii Kundzich. Vitchyzna 24 no. 7:158-160 Jl '56.
From various countries of the world. Sov. Ukr. 6 no. 7:102 Jl '56.

UKRAINIAN POETRY—HISTORY AND CRITICISM
Poetry of simple and clear truths. A. Zharov. Slaviane no. 8:56-59 Ag '56.

UKRAINIAN PRIMERS see Primers, Ukrainian

UKRAINIAN SONGS see Songs, Ukrainian

UKRAINIANS see subdivision under Canada; Germany, West

ULBRICHT, WALTER, 1893-
People and events. Nov. vrem. 14 no. 30:30-31 Jl '56.

ULTRASONIC TESTING
Use of ultrasonic methods for studying organic substances in the critical range. V. F. Nozdrev. Akust. zhur. 2 no. 2:199-204 Ap-Je '56.

ULTRASONIC WAVES
Cut by supersonic waves. A. Sanin. Ogonek 34 no. 24: 16 Je '56.
Determining the speed of supersonic waves in glass by means of a composite piezoelectric crystal resonator. A. V. Gladkov. Trudy MKHTI no. 21:34-39 '56.
Experimental investigation of relaxation processes caused by passing ultrasonic waves through fluids. IU. N. Bormosov and others. Akust. zhur. 2 no. 2: 118-123 Ap-Je '56.
Experimental investigation of ultrasonic transition waves. G. I. Kaminir, B. D. Tartakovskii. Akust. zhur. 2 no. 2: 154-160 Ap-Je '56.
Mechanism of cavitation erosion in surface films in an acoustic field. A. S. Bebchuk, L. O. Maknrov, L. D. Rozenberg. Akust. zhur. 2 no. 2:113-117 Ap-Je '56.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS
Some data of an investigation on the strength of concrete using ultrasonic waves. A. V. Mikhailov, A. N. Radas. Bet. i zhel.-bet. no. 7:266-268 Jl '56.
Supersonic waves and their use in technology. L. Rozenberg. Mosk. prop. 13 no. 7:74 Jl '56.
Ultrasonic emitter made of nickel ferrite. I. P. Golianitsina. Akust. zhur. 2 no. 2:225-228 Ap-Je '56.
Ultrasonic machine tools. I. Vainshtok. Tekh. mol. 24 no. 6:9-10 Je '56.
Ultrasonic method of determining defects in large insulators. M. V. Ivanov, A. E. Kolesnikov. Elektrichestvo no. 6:95 Je '56.
Ultrasonic processing of materials. L. M. Malinov. Nauka i zhizn' 23 no. 7:20 Jl '56.
Ultrasonic soldering iron. V. Georgiev. Radio no. 7:57-58 Jl '56.
Ultrasonic testing of welded joints. N. V. Khimchenko, V. P. Esilevskii. Svar. proizv. no. 7:18-22 Jl '56.
Use of ultrasounds for homogenization and emulsification. N. Baranovskii. Moloch. prom. 17 no. 5:44-46 '56.

ULTRASONIC WAVES—MEASUREMENT
Differential method of measuring ultrasonic wave absorption in liquids. I. G. Mikhailov, G. N. Feofanov. Akust. zhur. 2 no. 2:194-198 Ap-Je '56.
Fixed-distance pulse method, its physical principles and practical applications. N. I. Koshkin and others. Akust. zhur. 2 no. 2:161-166 Ap-Je '56.
Modulation method for measuring ultrasonic dispersion. V. A. Zverev. Akust. zhur. 2 no. 2:142-145 Ap-Je '56.
Visualization of displaced ultrasonic waves in transparent solids. V. G. Aver'ianova, V. I. Makarov, S. N. Rzhevkin. Akust. zhur. 2 no. 2:224-225 Ap-Je '56.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT
Biological influence of ultrasonic waves. I. E. El'piner. Akust. zhur. 2 no. 2:217-222 Ap-Je '56.

ULTRASONIC WAVES—THERAPEUTIC USE
"Indications for ultrasonic therapy" [in German]. E. Wiedau. Reviewed by S. N. Borisov, L. I. Gnesin. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:73-77 Ap-Je '56.

ULTRAVIOLET RAYS
Controlling the flight of bees by reflected ultraviolet rays. L. Braines, K. Istomina-TSvetkova. Pchelovodstvo 33 no. 8:48-53 Ag '56.
"Disinfection of air in the hospital for infectious diseases by ultraviolet rays." T. V. Novikova. Reviewed by L. V. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:80-81 Ap-Je '56.
Insects and the "Black light." G. Mazokhin. Nauka i zhizn' 23 no. 6:31 Je '56.
The invisible becomes visible in the light of invisible rays. G. Kolpenskii. Tekh. mol. 23[i.e. 24] no. 7: 33-34 Jl '56.

ULTRAVIOLET RAYS (Continued)
Translucency of sea water to ultraviolet rays and their biological effect through sea water. S. M. Chubinskii. Vop. kur. fizioter. i tech. fiz. kul't. 24 no. 2:30-31 Ap-Je '56.
Use of ultraviolet radiation in disinfection. M. M. Danilov. Veterinariia 33 no. 8:47-53 Ag '56.

ULTRAVIOLET RAYS—APPARATUS AND SUPPLIES
Portable quartz mercury vapor lamp. V. IA. Blavatskii. Voen.-med. zhur. no. 9:64-65 S '55.

ULTRAVIOLET RAYS—INDUSTRIAL APPLICATIONS
Disinfection of industrial premises by ultraviolet rays. N. Belousova, M. Gibshman. Moloch. prom. 17 no. 5:32-33 '56.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT
Alkaline blood phosphatase as an objective indicator of ultraviolet insufficiency. A. P. Parfenov, V. G. Aleksandrova. Voen.-med. zhur. no. 5:65-66 My '56.
Comparative study of the effect of ultraviolet and infrared rays on the prothallium of ferns (Drynopteris spinulosum). L. P. Breslavets, L. N. Boll. Biofizika 1 no. 3:237-241 '56.
Effect of ultraviolet radiation on some enzymatic proteins. M. A. Kolomiichenko. Ukr. biokhim. zhur. 28 no. 2:164-176 '56.
Prevention of photo-ophthalmia when using ultraviolet rays for lighting. N. M. Dantsig, A. P. Zabaluova. Oft. zhur. 11 no. 1:26-29 '56.

ULTRAVIOLET SPECTRUM see Spectrum, Ultraviolet

UMBILICUS
Umbilical vessels of cattle as a new suture material. E. G. Shkol'nikov, N. I. Zagainov. Khirurgiia no. 5:74 My '56.

UMBRELLAS AND PARASOLS see subdivision under Leningrad

UNDERDEVELOPED AREAS
Possibilities for a noncapitalistic development of underdeveloped countries. M. Rubinshtein. Nov. vrem. 14 no. 28:3-6 Jl '56.
Possibilities for a noncapitalistic development of underdeveloped countries. M. Rubinshtein. Nov. vrem. 14 no. 32:6-9 Ag '56.

UNDERGROUND CONSTRUCTION
Concrete material for designing and estimating underground reinforced water reservoirs. A. A. Bespal'chev. Rats. i izobr. predl. v stroi. no. 120:38-39 '56.
Mechanizing the construction of underground structures. A. P. Kir'ianov. Mekh. stroi. 13 no. 6:10-14 Je '56.

UNDERWATER ACOUSTICS
Tsunami and observations on long-distance propagation of sound in the ocean. L. M. Brekhovskikh. Biul. Sov. po seismo. no. 2:8-11 '56.

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNIONIDAE, FOSSIL see subdivision under Moldavia; Ukraine

UNITED NATIONS
Founding of the U. S. S. R. Association for Assistance to the United Nations. Mezhdunar. zhizn' no. 6:156-159 Je '56.

UNITED NATIONS—COMMISSIONS
In the Electric Energy Committee of the United Nations. G. V. Serbinovskii. Elektrichestvo no. 6:92 Je '56.
Results of the 11th session of the U. N. Economic Commission for Europe [with summary in English, p. 31]. V. Alkhimov. Vnesh. torg. 26 no. 7:3-7 Jl '56.
The U. S. violates the armistice agreement in Korea. Mezhdunar. zhizn' no. 7:114-115 Jl '56.

UNITED NATIONS—MEMBERSHIP
Restore China's legal rights in the U. N. G. Slavin. Nov. vrem. 14 no. 30:7-10 Jl '56.

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION
UNESCO and youth. Pierre Francois. Mol. mira no. 4:22-23 '56.

UNITED STATES—AGRICULTURE
Abandonment of farm lands in the U. S. A. L. IA. Zisman. Izv. Vses. geog. ob-va 88 no. 3:271-279 My-Je '56.
[The crisis in U. S. agriculture and the condition of the farmer; a collection of articles. Translated from the English] Krizis sel'skogo khoziaistva SShA i polozhenie farmerov; sbornik materialov. Perevod N. I. Mnogolet i G. V. Kychakovoi. Predisl. E. L. Shifrina. Moskva, Izd-vo inostrannoi lit-ry, 1955. 209 p. (DA)

UNITED STATES—ARCHIVES
"A national program for the publication of historical documents; a report to the President by the National Historical Publications Commission" [in English]. Reviewed by B. P. Kanevskii. Ist. arkh. no. 3:238-243 My-Je '56.

UNITED STATES—ARMY—MEDICAL AND SANITARY AFFAIRS
Medical service of the infantry division of the U. S. Army. L. I. Baukin. Voen.-med. zhur. no. 4:83-86 Ap '56.

UNITED STATES—ARTESIAN WELLS
Artesian wells in agriculture in the United States. D. M. Khokhlovkin. Gidr. i mel. 8 no. 6:54-58 Je '56.

UNITED STATES—ATOMIC POWER INDUSTRY
The atomic power industry in the U. S. R. TSvylev. Vop. ekon. no. 8:130-137 Ag '56.

UNITED STATES—ATOMIC SUBMARINES
Trends in the development of submarine construction abroad. IU. S. Kriuchkov. Sudostroenie 22 no. 6:37-42 Je '56.

UNITED STATES—AUTOMATION
The automation of production in the U. S. and its social and economic consequences. M. Moshenskii. Sots. trud. no. 6:26-37 Je '56.

UNITED STATES—AUTOMOBILES—TRANSMISSION DEVICES, AUTOMATIC
Automatic transmissions abroad. S. M. Trusov. Avt. i trakt. prom. no. 6:34-41 Je '56.

UNITED STATES—AUTOMOBILES, MILITARY
New design for cross-country vehicles (From "Compressed Air Magazine" Ag, 1955). IA. V. Gugo. Gidr. stroi. 25 no. 4:50-50 My '56.

UNITED STATES—BUILDING
My 30 days in America. N. Lysenko. Sov. Ukr. 6 no. 7:135-145 Jl '56.
Thirty-nine days in the United States. P. A. Spyshnov. Nauka i zhizn' 23 no. 7:35-38 Jl '56.

UNITED STATES—BUSINESS
For thoughtful businessmen. Nov. vrem. 14 no. 31:17 Jl '56.

UNITED STATES—CATTLE—DISEASES
"Self-treatment" of cattle against insects; from observations made in the U. S. A. N. A. Shmanenkov. Veterinariia 33 no. 7:92-93 Jl '56.

UNITED STATES—CENSORSHIP
Twenty-five thousand letters under arrest. Nov. vrem. 14 no. 26:20 Je '56.

UNITED STATES—CIVILIZATION
Apologists for present-day capitalism. D. Zaslavskii. Oktiabr' 33 no. 7:85-95 Jl '56.

UNITED STATES—COLD STORAGE WAREHOUSES
Spacing of doors in a large cold storage warehouse. (From "Food Engineering" January 1955). I. Gindlin. Khol. tekh. 33 no. 2:73 Ap-Je '56.

UNITED STATES—COLLEGE AND SCHOOL PERIODICALS
Student newspaper. P. V. Vsem. stud. nov. 10 no. 6/7:32 Je-Jl '56.

UNITED STATES—COMIC BOOKS, STRIPS, ETC.—MORAL AND RELIGIOUS ASPECTS
Influence of comic books on the morals of American youth. A. I. Piskunov. Sov. pedagog. 20 no. 7:103-111 Jl '56.

UNITED STATES—COPPER INDUSTRY
Redesign of pneumatic flotation machines at the Hyden Copper Plant (From "Mining Engineering" December 1955). K. N. Verigo. TSvet. met. 29 no. 6:89-91 Je '56.

UNITED STATES—CORN (MAIZE)
Corn growing in the U. S. A. N. Bogach. Tekhsov. MTS 17 no. 13:13-16 Jl '56.

UNITED STATES—COST AND STANDARD OF LIVING
Ill-starred defenders of "people's capitalism." E. Varga. Nov. vrem. 14 no. 26:8-9 Je '56.
Myths and facts ("Autopsy of the United States" [in French]. L. L. Matthias;" Low income family" [in English]. Reviewed by Val. Zorin. Novyi mir 32 no. 9:269-271 S '56.

UNITED STATES—COTTON TRADE
Cotton exports of the United States [with summary in English, p. 31-32]. P. Ignat'ev. Vnesh. torg. 26 no. 7:14-18 Jl '56.

UNITED STATES—DANCING—PERIODICALS
The theater abroad. Teatr 17 no. 7:159-161 Jl '56.

UNITED STATES—DEFENSES
A war budget and U. S. policy. Mezhdunar. zhizn' no. 6:119-121 Je '56.

UNITED STATES—ECONOMIC CONDITIONS
Dragilev, M. S. [American monopolies in quest for superprofits] Amerikanskie monopolii v pogone za sverkhpribyliami. [Moskva] Izd-vo Moskovskogo univ., 1956. 266 p.
The economic situation of the U. S., working class and propaganda of monopolies. B. Mikhailov. Vop. ekon. no. 7:76-84 Jl '56.
Myth of the "people's capitalism" in the U. S. A. I. Mikuson. Mezhdunar. zhizn' no. 8:96-108 Ag '56.
The New York Stock Market and economic conditions in the U. S. Mezhdunar. zhizn' no. 7:122-123 Jl '56.
Some problems in the American economy. S. Men'shikov. Nov. vrem. 14 no. 29:10-14 Jl '56.

UNITED STATES—ECONOMIC CONDITIONS—HISTORY
The shadow of 1929 "The great crash 1929" [in English]. J. K. Galbraith. Reviewed by E. Bregel'. Nov. vrem. 14 no. 26:27-29 Je '56.

UNITED STATES—EDUCATION, SECONDARY
Student organizations in U. S. secondary schools. Z. Mal'kova. Nar. obr. no. 8:63-69 Ag '56.

UNITED STATES—ELECTIONS
Election campaign in the U. S. A. V. Morev. Blok. agit. no. 20:42-3 of cover O '56.
The nomination of Stevenson. Nov. vrem. 14 no. 35:16-17 Ag '56.
Political price list. Nov. vrem. 14 no. 33:19 Ag '56.

UNITED STATES—ELECTRIC LINES
Construction of supports under a high-voltage power line tower using precast concrete elements. G. N. Nikolaev. Gidr. stroi. 25 no. 3:61 Ap '56.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—GREAT BRITAIN
"Anglo-American conflicts since the Second World War." I. M. Lemin. Reviewed by V. V. Zagladin, S. M. Men'shikov. Vop. ist. no. 5:187-192 My '56.

UNITED STATES—FOREIGN RELATIONS
Discussion in the U. S. on foreign policy. Mezhdunar. zhizn no. 7:113-114 Jl '56.
Glorious traditions. D. Zaslavskii. Nov. vrem. 14 no. 27:11-13 Je '56.
Out of step with the times. Mezhdunar. zhizn' no. 8:122-123 Ag '56.
Restore China's legal rights in the U. N. G. Slavin. Nov. vrem. 14 no. 30:7-10 Jl '56.
Seeking new roads ("Turning point toward peace" [in English]. James P. Warburg. Reviewed by Vl. Zhukov). Nov. vrem. 14 no. 28:29-30 Jl '56.
Two points of view. Mezhdunar. zhizn' no. 8:120-121 Ag '56.
Washington and the neutrality problem. I. Ermashev. Nov. vrem. 14 no. 31:3-7 Jl '56.

UNITED STATES—FOREIGN RELATIONS—FORMOSA
Formosa under the domination of the armed forces of the U. S. A. Yeh Sheng. Nar. Kit. no. 9:16-18, 23 My '56.

UNITED STATES—FOREIGN RELATIONS—FRANCE
France and U. S. A. Mezhdunar. zhizn' no. 8:123-124 Ag '56.

UNITED STATES—FOREIGN RELATIONS—GERMANY, WEST
Futile visit. Nov. vrem. 14 no. 26:18-19 Je '56.
In search of "moral support." Mezhdunar. zhizn' no. 7:120-122 Jl '56.

UNITED STATES—FOREIGN RELATIONS—MEXICO
A letter from Mexico. Nov. vrem. 14 no. 28:20 Jl '56.

UNITED STATES—FOREIGN RELATIONS—RUMANIA
Bucharest and Washington. Nov. vrem. 14 no. 31:18 Jl '56.

UNITED STATES—FOURTH OF JULY
Glorious traditions. D. Zaslavskii. Nov. vrem. 14 no. 27:11-13 Je '56.

UNITED STATES—GLASS MANUFACTURE
Economical small tank furnace. (From "Journal Society Glass Technol." and "Glass Industry"). Stek. i ker. 13 no. 7:31-32 Jl '56.

UNITED STATES—HIDES AND SKINS
Salting of hides abroad. A. Anfimov. Mias. ind. SSSR 27 no. 3:63 '56.

UNITED STATES—HISTORY—STUDY AND TEACHING
Developing student thinking in class 8. N. G. Dairi. Prep. ist. v shkole 11 no. 4:65-77 Jl-Ag '56.

UNITED STATES—HITCHHIKING
Hitchhiking from New York to Los Angeles. Douglas Phelps. V zashch. mira no. 62/63:56-63 Jl-Ag '56.

UNITED STATES—INDUSTRIAL MANAGEMENT
English specialists on the organization of production in industrial enterprises of the U. S. A. S. Kheinman. Kommunist 33 no. 11:115-128 Jl '56.

UNITED STATES—INTERNAL SECURITY
The fog has not yet lifted. Albert Kahn. Translated from the English. Ogonek 34 no. 27:14 Jl '56.

UNITED STATES—LABOR AND LABORING CLASSES
The legend of "people's capitalism" and its purpose. V. Korionov. Mosk. prop. 13 no. 7:40-47 Jl '56.

UNITED STATES—LIBERTY OF THE PRESS
Imaginary and real enemies of democracy ("Freedom of the press" [in English]. W. L. Chenery. Reviewed by IU. Arbatov). Mezhdunar. zhizn' no. 7:140-143 Jl '56.

UNITED STATES—LITHIUM
Lithium in the United States; lithium bearing ores and minerals, dressing and chemical processing of ores and concentrates. A. K. Livshits. TSvet. met. 29 no. 6: 84-89 Je '56.

UNITED STATES—LOW TEMPERATURE RESEARCH
Magnetic "cooling" machine for reaching temperatures lower than 1° K. R. Plank. Khol. tekh. 33 no. 2:35-38 Ap-Je '56.

UNITED STATES—LUMBER—TRANSPORTATION
Truck transportation of lumber in the U.S.A. B. A. Il'in. Les. prom. 34 no. 6:28-30 Je '56.

UNITED STATES—MERCHANT SHIPS
Proposed new standards for cargo transportation vessels worked out by the U.S. Naval Administration. Sudostroenie 22 no. 4:44-47 Ap '56.

UNITED STATES—METALLOGRAPHY
Trends in metallographic research in the United States. (From "Journal of the Iron and Steel Institute" no. 181, 1955). B. M. Shadkhina. Metalloved. i obr. met. no. 6: 53-63 Je '56.

UNITED STATES—MUSIC
America, spring, 1956. M. Rostropovich. Sov. muz. 20 no. 8:129-138 Ag '56.

UNITED STATES—MUSIC, RUSSIAN
Soviet music in the U.S. M. Stillman. Sov. muz. 20 no. 7:131-133 Jl '56.

UNITED STATES—NAVY
The U.S. and the Suez Canal. Nov. vrem. 14 no. 33: 16 Ag '56.

UNITED STATES—NEGROES—EDUCATION
A glance at the foreign press. Nar. obr. no. 7:64 Jl '56.

UNITED STATES—OIL WELLS
Practice of using hydraulic fracturing of oil sands in oil fields of the U.S.A. E. V. Teslluk. Neft. khoz. 34 no. 6:64-70 Je '56.

UNITED STATES—PETROLEUM INDUSTRY
"The empire of oil" [in English]. Harvey O'Connor. Reviewed by A. Manukian. Nov. vrem. 14 no. 31:29-30 Jl '56.

UNITED STATES—PHONORECORDS
Soviet music in the U.S. M. Stillman. Sov. muz. 20 no. 7:131-133 Jl '56.

UNITED STATES—PIPE, CONCRETE
Detonation cutting of concrete pipes. M. I. Krinitsyn. Nov. tekh. i pered. op. v stroi. 18 no. 7:29 Jl '56.

UNITED STATES—PLUMBING—EQUIPMENT AND SUPPLIES
Plumbing and heating equipment for apartment houses in the U.S.A. P. Spyshnov. Arkhit. i stroi. Mosk. 5 no. 7:26-32 Jl '56.

Plumbing and kitchen equipment for houses in the U.S.A. P. Spyshnov. Arkhit. i stroi. Mosk. 5 no. 6:28-33 Je '56.

UNITED STATES—POLITICS AND GOVERNMENT
U.S. internal problems. John B. Stone. Mezhdunar. zhizn' no. 7:70-79 Jl '56.

UNITED STATES—PRESS
In the shadow of the "palladium of freedoms." S. Vishnevskii. Sov. pech. no. 8:43-45 Ag '56.

UNITED STATES—PUBLISHERS AND PUBLISHING
Writers' affairs; a letter from the United States. Albert

UNITED STATES—SOCIAL CONDITIONS
My 38 days in America. N. Lysenko. Sov. Ukr. 6 no. 7:135-145 Jl '56.

UNITED STATES—STABILITY OF SHIPS
The Sperry stabilizer (From "Marine Engineering" no. 10, 1955). F. K. Dormidontov. Sudostroenie 22 no. 5: 47-49 My '56.

UNITED STATES—STEAM TURBINES
American supercritical pressure steam turbines. G. S. Samoilovich. Teploenergetika 3 no. 7:50-54 Jl '56.

UNITED STATES—STEEL, STAINLESS
Stainless steels with high-manganese and low-nickel content. (From "Iron and Coal Review" no. 4586, 1956). E. Vitkina. Metallurg no. 7:39 Jl '56.

UNITED STATES—STRATEGIC MATERIALS
Futile hoard. Nov. vrem. 14 no. 33:18 Ag '56.

UNITED STATES—STRIKES AND LOCKOUTS—STEEL INDUSTRY
The strike continues. Nov. vrem. 14 no. 30:10 Jl '56.

UNITED STATES—STRIKES AND LOCKOUTS—STEEL WORKERS
Victory for U.S. steelworkers. Nov. vrem. 14 no. 32:17 Ag '56.

UNITED STATES—SWINE HOUSES AND EQUIPMENT
Automatic swine feeders. P. N. Chertov. Svinovodstvo no. 4:41-42 Je '56.

UNITED STATES—TELEPHONE
The buzzer call may replace the telephone bell. Elektrosviaz' 10 no. 8:78 Ag '56.
Relay improvement with gilt wire contacts. Elektrosviaz' 10 no. 8:78 Ag '56.

UNITED STATES—TELEPHONE, AUTOMATIC
Electronic automatic telephone system. Elektrosviaz' 10 no. 7:79 Jl '56.

UNITED STATES—TERRITORIAL WATERS
Dispute between the U.S. and Latin American countries. Mezhdunar. zhizn' no. 6:117-118 Je '56.

UNITED STATES—TRACK ATHLETICS
On the threshold of Melbourne; U.S. athletes prepare for the Olympic games. E. Kaitmazova. Fizk. i sport 26 no. 8:24-25 '56.
Track athletics season in indoor stadiums of Europe and U.S.A. B. L'vov. Leg. atl. no. 5:30-31 My '56.

UNITED STATES—TRANSISTORS
Miniature wide band amplifier using semiconductor tetrodes. Elektrosviaz' 10 no. 7:79 Jl '56.

UNITED STATES—TUGBOATS
Formations of pushing tugboats for lake and sea navigation. Rech. transp. 15 no. 7:32-3 of cover Jl '56.

UNITED STATES—VACUUM APPARATUS
New-type vacuum furnace. (From "Canadian Metals" no. 2, 1956). Stal' 16 no. 7:663-664 Jl '56.

UNITED STATES—WATER SUPPLY ENGINEERING
Construction of filters used for equipping wells in the United States. V. M. Gavrilko. Gidr. i mel. 8 no. 6: 59-63 Jl '56.

UNITED STATES—WEED CONTROL
Chemical weed control in the United States. N. S. Sokolov. Zemledelie 4 no. 7:96-101 Jl '56.

UNIVERSE see Cosmogony; Cosmology

UNIVERSITIES AND COLLEGES—EXHIBITIONS see
ion under Moscow

IES AND COLLEGES—SANITARY AFFAIRS
ealth detachments. V. Smirnova. Sov. kras. no. 3:16-17 My-Je '56.

3 see Loading and unloading

SWEDEN—CHESS—TOURNAMENTS
dents are champions of the world. A. Kotov. SSSR 33 no. 7:196-199 Jl '56.
ress world championship in Upsala. K. V. tud. nov. 10 no. 6/7:12 Je-Jl '56.

ig action of 5-bromouracil on higher plants nglish summary in insert]. Z. Shormova and Fiziol. rast. 3 no. 3:204-207 My-Je '56.

NTAIN REGION—BLAST FURNACES—REPAIR
airing of blast furnaces in Ural plants. S. D. , A. S. Gal'perin. Metallurg no. 7:10-14 Jl '56.

NTAIN REGION—CITIES AND TOWNS
ements of the Urals. O. A. Konstantinov. Vop. o. 38:78-103 '56.

NTAIN REGION—ECONOMIC POLICY
r the development of productive forces in Si- d the Urals. V. Nemchinov. Plan. khoz. no. 3: 56.

URAL MOUNTAIN REGION—FERNS, FOSSIL
Some Mesozoic ferns and their spores of the southwestern Ural Mountain region. M. I. Brik, E. A. Kopteva, A. I. Turutanova-Ketova. Mat. VSEGEI no. 9:131-177 '55.

URAL MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC
Structural characteristics of the southern trans-Ural Mountain region. E. N. Petrov. Neft. khoz. 34 no. 4: 42-45 Je '56.

URAL MOUNTAIN REGION—LUMBERING
Work experience of Ural logging camps with permanent crews. N. A. Bochko. Les. prom. 34 no. 8:9-10 Ag '56.

URAL MOUNTAIN REGION—METALLURGICAL PLANTS
Ways of developing old Ural plants. A. F. Myrtymov, I. A. Nekrasov. Stal' 16 no. 7:631-633 Jl '56.

URAL MOUNTAIN REGION—MINERALOGY
Drift sources and mineralogical composition of Tertiary rocks in the Cisural Depression. O. I. Ozhiganova. Uch. zap. Bash. gos. ped. inst. no. 4:93-122 '55.

URAL MOUNTAIN REGION—NATURAL RESOURCES
Ural sketches. F. Samoilov. Neva no. 6:125-131 Je '56.

URAL MOUNTAIN REGION—PALEOGEOGRAPHY
Mikhailova, N. A. [Petrography of Givetian deposits in Ural and Volga petroleum-bearing regions and the paleogeography of the period of their formation] Petrografiia zhivetskikh otlozhenii Uralo-Volzhskoi neftenosnoi oblasti i paleogeografiia vremeni ikh obrazovaniia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 157 p., illus.

URAL MOUNTAIN REGION—PHYTOGEOGRAPHY
"Phytogeographical investigations in the southern part of the Polar Urals." E. L. Liublinova. Reviewed by P. L. Gorchakovskii. Bot. zhur. 41 no. 4:588-593 Ap '56.

URAL MOUNTAIN REGION—TECHNICAL EDUCATION
New technical schools in the Urals and Siberia. Sred. spets. obr. no. 6:8-9 Je '56.

URAL MOUNTAINS—COAL MINES AND MINING
Improvement in underground mining methods of Ural coal mines. I. N. Sidorov. Trudy Gor.-geol. inst. no. 27:3-48 '55.
Mining in coal mines of the Urals in complex conditions. I. N. Sidorov. Trudy Gor.-geol. inst. no. 27:49-77 '55.

URAL MOUNTAINS—GEOLOGY
Geological structure of the metamorphic belt of the Ural-Tau Range in the southern Urals. D. G. Ozhiganov. Uch. zap. Bash. gos. ped. inst. no. 4:3-54 '55.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Stratigraphy and facies characteristics of Silurian deposits of the western slope of the southern Urals. D. G. Ozhiganov. Uch. zap. Bash. gos. ped. inst. no. 4:55-92 '55.

URANIUM
(see also subdivision under Altai Mountains; France)
New foreign titles in chemistry. Study of certain uranium and plutonium compounds. Usp. khim. 25 no. 6:781-784 Je '56.

URANIUM—ISOTOPES
Average number of neutrons $\nu_{eff}$ emitted by $U^{233}$, $U^{235}$ and $Pu^{239}$ in the capture of 30--900 Kev energy neutrons. P. E. Spivak and others. Atom. energ. no. 3:21-26 '56.
Determining average fission cross section factors for $Pu^{239}$ and $U^{235}$ in uranium-water lattices. V. P. Katkov, Iu. V. Nikol'skii, G. A. Stoliarov. Atom. energ. no. 3:61-64 '56.
Determining the average number of neutrons $\nu_{eff}$ emitted in a single capture event of $U^{233}$, $U^{235}$, and $Pu^{239}$ isotopes in the epithermal neutron energy zone. P. E. Spivak and others. Atom. energ. no. 3:13-20 '56.

URANIUM ORES
"Hydronasturan" and "Urgit", new minerals from the uranium hydroxide group. R. V. Gelaeva. Atom. energ. no. 3:135-136 '56.
"Nenadkevit", a new uranium silicate. V. A. Polikarpova. Atom. energ. no. 3:132-134 '56.

URANYL NITRATE
Densities of aqueous solutions and the apparent molal volumes of uranyl nitrate. A. F. Kapustinskii, I. I. Lipilina. Izv. AN SSSR. Otd. khim. nauk no. 6:649-657 Je '56.

URANYL SALTS—SPECTRA
Optical study of the hydrolysis of bivalent-metal salts Part 1. Uranyl salts. B. E. Gordon. Ukr. khim. zhur. 17 no. 5:686-690 '51.

URARTU
"Ancient Eastern materials on the history of the peoples of Transcaucasia" [with English summary in insert]. G. A. Melikishvili. Reviewed by L. A. Lipin. Sov. vostokoved. no. 3:150-158 '56.

UREA
Characteristics of carbamide resins used in the furniture industry abroad. A. G. Zabrodkin. Der. prom. 5 no. 7:27-28 Jl '56.
Complexing in the system: $NaNO_3$ - $CO(NH_2)_2$ - $H_2O$. N. N. Khitrova, V. A. Khitrov. Izv. Sekt. fiz. -khim. anal. 27:326-330 '56.
Composition and instability constant of thiourea complex with bismuth. A. T. Pilipenko, G. S. Lisetskaia. Ukr. khim. zhur. 17 no. 1:76-85 '51.
Cyclization products of *m*-substituted phenylthiourea derivatives. R. P. Vel'tman. Ukr. khim. zhur. 22 no. 3:363-367 '56.
Disorders in the formation of urea in experimental thyrotoxicosis. M. M. Smyk, L. IA. Fishchenko. Fiziol. zhur. [Ukr.] 1 no. 2:113-116 Mr-Ap '55.
Physiochemical analysis of the interaction of amines with acids. Part 3. Thermal analysis of the ternary system: urea -- formic acid -- water. M.N.Kuznetsova, A.G. Bergman. Zhur. ob. khim. 26 no. 5:1326-1335 My '56.
Physiochemical analysis of the interaction of amines with acids. Part 4. Thermal analysis of the ternary system: urea -- water -- butyric acid. M.N.Kuznetsova, A.G. Bergman. Zhur. ob. khim. 26 no. 5:1335-1340 My '56.
Separation of synthetic acids by means of extractive crystallization with the aid of urea. B. G. Freidin, K. D. Tammik. Zhur. prikl. khim. 29 no. 6:935-940 Je '56.

UREDINEAE
Foliar feeding as means of controlling stripe rust in wheat. Kh. A. Ismailov. Trudy Inst. zeml. AN Azerb. SSR 3:77-82 '55.

URINARY ORGANS—CALCULI see Calculi, Urinary

URINE
Fluorometric determination of vitamin $B_2$ in urine. H. D. IElisoieva. Ukr. biokhim. zhur. 22 no. 2:154-159 '50.
The thiochrome method for determining vitamin $B_1$ and cocarboxylase in biological substances. Report no. 2: Determining cocarboxylase in urine, blood, and tissues. H. D. IElisieieva. Ukr. biokhim. zhur. 23 no. 4:376-381 '51.

URINE—ANALYSIS AND PATHOLOGY
Alkaptonuria in an eight-year-old child. V. V. Martynkina-Shitskova, G. P. Mitrofanova. Vop. okh. mat. i det. 1 no. 1:80-83 Ja-F '56.
Checking the vitamin C saturation of the urine. P. I. Emel'ianov. Voen. -med. zhur. no. 3:57-58 Mr '56.
Creatinuria in women in childbirth. A. D. Braun, T. A. Akhmeteli, N. I. Mirovich. Vop. med. khim. 2 no. 1: 64-68 Ja-F '56.
Determination of hyaluronidase in urine. E. P. Stepanian, N. I. Gorbarenko. Biul. eksp. biol. med. 41 no. 6:39-41 Je '56.

URINE—BACTERIOLOGY
Excretion of Rickettsia in urine. N. M. Mirzoeva. Zhur. mikrobiol. epid. i immun. 27 no. 7:39-43 Jl '56.

URNS see subdivision under Moscow

URODELA
Morphology of the sound-transmitting apparatus of the Caudata (with English summary in insert). I. I. Shmal'gauzen. Zool. zhur. 35 no. 7:1023-1042 Jl '56.

URUGUAY—ECONOMIC CONDITIONS
A meeting with Uruguayan textile workers. Nov. vrem. 14 no. 30:14-15 Jl '56.

URUGUAY—SHEEP
Sheep raising in Argentina and Uruguay. V. M. Kurganskii. Ovtsevodstvo no. 7:42-44 Jl '56.

URUGUAYAN MUSIC see Music, Uruguayan

URUGUAYAN MUSICIANS see subdivision 'Musicians, Uruguayan' under Moscow

USHINSKII, KONSTANTIN DMITRIEVICH, 1824-1870
K. D. Ushinskii on preschool education. IE. Sukhenko. Doshk. vykh. 17 no. 6:5-9 Je '56.

USSURI REGION—NATURAL HISTORY
Arsen'ev, V.K. [In the wilds of the Ussuri Region] V debriakh Ussuriiskogo kraia. [Moskva] Moskovskii rabochii, 1956. 486, 486 p. illus.
(Mil)

UTERUS—CANCER
"Possibility of the early discovery and diagnosis of cancer of the uteral cervix" (Zbl. f. Gynaekologie no. 34A: 1536-1541 '54). A. Majewski. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:88 My-Je '56.
"Results of treating uterine cancer by the methods used in German clinics; report based on 8187 cases" (Zbl. f. Gynaekologie no. 27:1048-1051 '54). F. Koch. Abstracted by E. Vikhliaeva. Akush. i gin. 32 no. 3:90 My-Je '56.
Treatment of cancer of the cervix uteri with radiocobalt in a gamma-ray apparatus in association with intracavitary irradiation. M. G. Shcherbina, L. M. Stukova. Vest. rent. i rad. 31 no. 3:26-31 My-Je '56.

UTERUS—DISEASES
Prevention and treatment of erosions of the cervixuteri. A. P. Kriushchenkov. Fel'd. i akush. 21 no. 6:16-20 Je '56.

UTERUS—SURGERY
Remarks on S. N. Davydov's article "Effective choice of uterine incisions on the basis of the vascular system." E. S. Kushnirskaia. Akush. i gin. 32 no. 3:94-95 My-Je '56.

USAGE AND CUSTOM (LAW) see subdivision 'Customary law' under Kazakhstan

UZBEK LANGUAGE—ETYMOLOGY
Vocabulary borrowings from Russian in the Uzbek and Tajik languages. Kh. A. Abdullaev. Rus. iaz. v shkole 17 no. 4:105-109 Jl-Ag '56.

UZBEK LITERATURE—PERIODICALS
In the magazine "Shark iulduzi." Zvezda Vost. 24 no. 6:128 Je '56.

UZBEKISTAN—CAMEL'S THORN
Best time for cutting camel's thorn for hay in the desert of Uzbekistan. S. I. Kedrova. Kar. i zver. 9 no. 4:13-15 Jl-Ag '56.

UZBEKISTAN—CHASTUSHKI
Folk chastushki of Uzbekistan. Muzat'iana Alavita. Zvezda Vost. 24 no. 6:111-116 Je '56.

UZBEKISTAN—COLLECTIVE FARMS
Our amendments to the regulations of the agricultural artel. A. Normatov. Khlopkovodstvo 6 no. 7:13-17 Jl '56.

UZBEKISTAN—COTTON GROWING
Basic achievements of leading cotton-growing collective farms of the Uzbek S. S. R. participating in the All-Union Agricultural Exhibition. I. Polozov. Khlopkovodstvo 6 no. 7:11-12 Jl '56.
How cotton is grown on the best collective farm of Uzbekistan. K. Volkov. Khlopkovodstvo 6 no. 7:20-24 Jl '56.
Some problems concerning work organization on state cotton farms. R. Gubaev. Khlopkovodstvo 6 no. 7: 17-19 Jl '56.
Subsoiling of irrigated cotton fields. F. Sokolov. Khlopkovodstvo 6 no. 7:25-30 Jl '56.

UZBEKISTAN—COTTON-GROWING—COSTS
Lowering the amount of labor, materials, and money expended in cotton growing. Khlopkovodstvo 6 no. 7: 58-60 Jl '56.

UZBEKISTAN—DOMESTIC RELATIONS
Uzbek S.S.R. Laws, statutes, etc. [Code of laws on marriage, the family, and guardianship of the Uzbek Soviet Socialist Republic] Kodeks zakonov o brake, sem'e i opeke Uzbekskoi Sovetskoi Sotsialisticheskoi Respubliki; po sostoianiiu na 1 sentiabria 1955 g. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 57 p.

UZBEKISTAN—ECONOMIC CONDITIONS—HISTORY
The economic conditions of the formation of the Uzbek bourgeois nation. A. F. IAkunin. Vop. ist. no. 5:100-107 My '56.

UZBEKISTAN—HISTORY
Cultural level of the first rulers of the Shaibani dynasty [with English summary in insert]. Sov. vostokoved. no. 3:51-59 '56.

UZBEKISTAN—KARAKUL SHEEP
Achievements and tasks of the "Kzyl-Charvodar" State Farm. G. Dzherikh, P. Uzakov. Kar. i zver. 9 no. 3:18-20 My-Je '56.

UZBEKISTAN—KARAKUL SHEEP—FEEDING AND FEEDING STUFFS
Procurement of feed in the desert and semidesert districts of Uzbekistan. S. I. Kedrova. Kar. i zver. 9 no. 3:62-64 My-Je '56.

UZBEKISTAN—SHEEP BREEDS
Taigai sheep in Uzbekistan. V. M. Popova, E. S. Poslavskaia. Ovtsevodstvo no. 7:20-24 Jl '56.

UZBEKISTAN—SPORTS
For records and sports for the people. R. Ismailov. Sots. Uz. 15 no. 6:16-17 Je '56.

UZBEKISTAN—WATER SUPPLY, RURAL
Water pumping on the "Karnab" State Farm. D. B. Kar. i zver. 9 no. 3:61 My-Je '56.

UZBEKISTAN—WINE AND WINE MAKING
In wineries of the Uzbek Wine Trust. L. I. Tuman'iants. Vin. SSSR 16 no. 4:45-46 '56.

UZHGOROD—LIBRARIES AND READERS
Listening to the reader and reading critics; a trip to Transcarpathia. L. Mikhailova. Novyi mir 32 no. 7: 212-241 Jl '56.

UZHGOROD—PARENTS' AND TEACHERS' ASSOCIATIONS
Initiative of a parents' committee. S. IA. Chernlak. Rad. shk. 35 no. 7:45-48 Jl '56.

VKP(b) (SHIP)
Rapid repairing of the "VKP (b)" tank vessel. V. Shemiakin. Mor. flot 16 no. 6:25-26 Je '56.

VACATIONS
Organize the summer vacation of children. Nach. shkola 24 no. 7:63 Jl '56.
Summer vacations. Sem'ia i shkola 11 no. 7:23 Jl '56.

VACATIONS, EMPLOYEE see subdivision under Korea, North

VACCINES
Comparative rating of the effectiveness of some methods of vaccine therapy for acute dysentery. G. S. Mironov. Voen. -med. zhur. no. 4:33-36 Ap '56.
Conference of administrative personnel of vaccine and serum institutes. L. A. Shvartsman. Zhur. mikrobiol. epid. i immun. 27 no. 7:126-127 Jl '56.
In the people's democracies. Fel'd. i akush. 21 no. 6: 63 Je '56.
Living vaccines. N. N. Zhukov-Verezhnikov. Nauka i zhizn' 23 no. 8:5-9 Ag '56.
Prophylaxis of brucellosis in sheep using living vaccine. P. A. Vershilova. Dokl. Akad. sel'khoz. 21 no. 6:36 39 '56.
Vaccine for treating chronic dysentery. N. D. Mirlaev. Voen. -med. zhur. no. 3:87 Mr '56.

VACUUM
Vacuum techniques used in metallurgy. B. V. Linchevskii. Metallurg no. 7:3-6 Jl '56.

VACUUM APPARATUS see subdivision under United States

VAGUS NERVE
Depressor reflex from the vagus nerve in radiation sickness. V. F. Cherkasov. Med. rad. 1 no. 2:57-64 Mr-Ap '56.
Macroscopic and microscopic study of the upper cardiac branch (the depressor) in man. B. M. Erez. Dokl. AN SSR no. 12:77-82 '54.
Micromorphological changes in kidneys following bilateral vagotomy. L. I. Akhmeteli, G. A. Gzirishvili. Soob. AN Gruz. SSR 17 no. 5:451-454 '56.

VAILLAND, ROGER
"325 000 francs" [in French]. Roger Vailland. Reviewed by IA. Frid. Inostr. lit. no. 7:193-197 Jl '56.

VAINDRAKH, GRIGORII MOISEEVICH, 1887-1955
In memory of Prof. G. M. Vaindrakh; 1887-1955. A. I. Meteikin. Zhur. mikrobiol. epid. i immun. 27 no. 7:125 Jl '56.

VAKHSH VALLEY—EXCAVATIONS (ARCHAEOLOGY)
Preliminary information on the works of the Khutiai' group in the Vakhsh Valley in 1953. B. A. Litvinskii, E. A. Davidovich. Dokl. AN Tadzh. SSR no. 11:63-60 '54.

VAKHSH VALLEY—FISH CULTURE
Nutrition of fish and increasing the productivity of lakes in Vakhsh Valley. V. E. Ozhegova. Dokl. AN Tadzh. SSR no. 4:27-30 '52.

VALKI—MACHINE-TRACTOR STATIONS
Methods for increasing the productivity of tractor groups. F. F. Rohovyi. Mekh. sil'. hosp. 7 no. 9: 13 S '56.

VALLMAN, CHARLES
Charles Vallman throws the javelin. H. Torim. Leg. atl. no. 5:11 My '56.

VALUE
Influence of the law of value on production under socialism. O. A. Eliseeva. Vest. Len. un. 11 no. 11: 20-29 '56.
The law of value and the monopoly price. S. F. Mikheeva. Vest. Len. un. 11 no. 11:30-40 '56.

VALVES
Using distributing valves in the S-284 concrete pump pipelines. V. S. Sidorov. Gidr. strol. 35 no. 6:52 Jl '56.

VANADIUM
Separation of rhenium from vanadium and tungsten by means of ion-exchange chromatography. D. I. Riabchikov, A. I. Lazarev. Trudy Kom. anal. khim. 7:64-76 '56.

VANADIUM ACETATE
Study of vanadyl complex compounds. Part 2. Citrate complexes. V.I.Zolotavin, N.N.Kalugina. Zhur. ob. khim. 26 no. 5:1355-1362 My '56.

VANAGS, JULIJS, 1903-
"Ballads." Julijs Vanags. Authorized translation from the Latvian. Reviewed. Druzh. nar. no. 8:188 Ag '56.

VANILLA—TOXICOLOGY
Case of "vanillism." S. M. Siremline, S. M. Dobrushina. Gig. i san. 21 no. 7:52 Jl '56.

VANIN, KESAR' TIKHONOVICH
A hard trip. Kesar' Vanin. Reviewed by S. Voronin. Neva no. 8:180 Ag '56.

VAPOR-PLATING
Electron diffraction analysis of the texture of films produced by vaporization in vacuo. M. A. Rumsh, IU. G. Baklagina. Zhur. tekh. fiz. 26 no. 7:1497-1500 Jl '56.

VAPOR PRESSURE

Determination of the relative vapor pressures of $C^{13}H_4$ and of $O^{18}_2$ by the Rayleigh distillation method (with English summary in insert). G.G. Deviatykh, A.D. Zorin. Zhur. fiz. khim. 30 no. 5:1133-1139 My '56.

Vapor pressure in ternary solutions; $MeCl_2$ -- HCl -- $H_2O$. L.S. Litich, V.I. Timofeev. Vest. Len. un. 11 no. 10:68-74 '56.

VAPORS

Role of the structure of adsorbents in molecular chromatography of vapors. I.E. Neimark, F.I. Khatset. Dop. AN URSR no. 2:24-29 '49.

VARIATION (BIOLOGY)

Controlled variability or natural selection [with English summary in insert] ? K.G. Konstantinov. Zool. zhur. 35 no. 7:972-977 Jl '56.

VARIATIONS, CALCULUS OF see Calculus of variations

VARIOLOID see Smallpox

VARZOB VALLEY—GRANITE

Aplites and pematites in the Varzob Valley. R.B. Baratov. Dokl. AN Tadzh. SSR no. 2:3-8 '52.

VARZOB VALLEY—LAMPROPHYRES

Lamprophyres in the central part of the Varzob Valley. R.B. Baratov. Dokl. AN Tadzh. SSR no. 14:3-6 '55.

VASILEVICHI—ELECTRIC POWER PLANTS

On the banks of the Berezina. Zinaida Nekrashevich. Rab. i sial. 32 no. 6:12-13 Je '56.

VASIL'KOV (KIEV PROVINCE)—MACHINE-TRACTOR STATIONS

How the dispatch office at our machine-tractor station works. L.H. Lysets'kyi. Mekh. sil'. hosp. 7 no. 7:3-5 Jl '56.

VASOMOTOR NERVOUS SYSTEM see Nervous system, Vasomotor

VAUDEVILLE

The same old routine. S. Kuznetsova. Mosk. prop. 13 no. 7:70-73 Jl '56.

VAUGHAN, WILLIAMS RALPH, 1872-

Letter from London. E. Senior. Sov. muz. 20 no. 8:153 Ag '56.

VAULTING see Pole vaulting

VAVILOV, SERGEI IVANOVICH, 1891-1951

In memory of the great scientist Sergei Ivanovich Vavilov. Ukr. khim. zhur. 17 no. 1:5-7 '51.

VEDA VALLEY—GASTEROPODA, FOSSIL

New varieties of Turonian gastropoda from the Veda River basin (Armenian S.S.R.). V.L. Egoian. Izv. AN Arm. SSR. Ser. FMET nauk 6 no. 4:53-64 Jl-Ag '53.

VEDUTA, A.

In a Kara-Kalpak village ("Native land; a tale." A. Veduta. Translated from the Kara-Kalpak. Reviewed). Druzh. nar. no. 8:189 Ag '56.

VEGA

A star in the summer night sky. I. Ivanov. Smena 33 no. 13:24 Jl '56.

VEGETABLE GARDENING

(see also subdivision under China; Kuban; Kursk Province; Shchekino District)

Calendar for vegetable gardening, fruit culture, and viticulture. Sad i og. no. 6:76-77 Je '56.

Calendar for vegetable gardening, fruit culture, and viticulture. Sad i og. no. 7:76-77 Jl '56.

Consistently reduce the amount of work involved in vegetable gardening. D. Zhurbin. Mekh. sil'. hosp. 7 no. 7:11-12 Jl '56.

Economics of sprinkling vegetable crops. V.IA. Chichasov. Gidr. i mel. 8 no. 6:3-11 Je '56.

"Factory" of greens. V.A. Zav'ialov. Sel'khoz. Povol. no. 7:38-41 Jl '56.

Foliar feeding of corn and vegetables. N.P. Krasinskii. Sel'khoz. Povol. no. 8:23-26 Je '56.

For a high vegetable yield. E.P. Kardash. Sovkhoz. proizv. no. 7:4-44 Jl '56.

Get ready in good time for vegetable harvesting and procurement. M.N. Marenkov. Sad i og. no. 7:3-5 Jl '56.

Irrigation of vegetable crops. I. Fedorenko, V. Shelenkov. Kolkh. proizv. 16 no. 5:18-20 My '56.

Make use of all capacities to increase the production of high-quality seeds. A. Gonchar. Sad i og. no. 6:20-22 Je '56.

Make wider use of irrigation in central Kulunda. A.I. Snytko. Sad i og. no. 7:13-15 Jl '56.

More vegetables for city workers. V.F. Besplatkina. Sad i og. no. 6:14-16 Je '56.

Organizing the cultivation of vegetables. I.S. Kiselev. Mosk. kolkh. 5 no. 7:6 Jl '56.

Processing vegetables and fruit on the collective farm. A.V. Reznichenko. Sad i og. no. 8:24-25 Je '56.

"Reference book for leaders of vegetable gardening crews on the collective farms of the non-Chernozem zone of the U.S.S.R." A.P. Petrenko, N.P. Petrov. Reviewed by V.I. Zhivov. Sad i og. no. 6:79-80 Je '56.

Rybakov, A.A., ed. [Manual of norms for fruit growing, viticulture, and vegetable gardening] Normativnyi spravochnik po plodovodstvu, vinogradarstvu i ovoshchevodstvu. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 289 p.

Seed growing in Belgorod Province. M. Frank. Sad i og. no. 7:29-31 Jl '56.

Tasks of science in vegetable gardening. N.I. Zakharevich. Mosk. kolkh. 5 no. 8:13 Ag '56.

Vegetable gardening on the Lenin Collective Farm. V. Tetereviatnikov. Kolkh. proizv. 16 no. 6:46 Je '56.

Voitov, P.I. [Mechanization of vegetable cultivation] Mekhanizatsiia vozdelyvaniia ovoshchnykh kul'tur. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 164 p. (Peredovoi opyt v sel'skom khoziaistve)

VEGETABLE GARDENING—BIBLIOGRAPHY see Bibliography—Vegetable gardening

VEGETABLES

Brief results of experiments in vegetable and potato growing conducted by the Kusary Regional Experiement Station of the Agricultural Institute of the Azerbaijan Academy of Sciences. I.D. Radzhabli. Trudy Inst. zeml. AN Azerb. SSR 3:49-65 '55.

Let's conduct the procurement of potatoes and vegetables in good time. A.IA. Starov. Mosk. kolkh. 5 no. 7:9-10 Jl '56.

[The potato and vegetables.] Kartofel' i ovoshchi no. 8 Ag '56.

[The potato and vegetables.] Kartofel' i ovoshchi no. 9 S '56.

Production of potatoes and vegetables has increased. G. Vasilevich. Kolkh. proizv. 16 no. 5:18-19 My '56.

State farms before the vegetable harvest. N.M. Gorunov. Sad i og. no. 7:6-8 Jl '56.

Vasil'ev, V.L. [Spicy vegetables; parsley, celery, parsnip, dill] Prianye ovoshchi; petrushka, sel'derei, pasternak, ukrop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 50 p. (DA)

VEGETABLES—ANALYSIS

Fluoride content of the soil and vegetables in the district of a superphosphate factory. Z.IA. Lindberg. Vop. pit. 15 no. 4:41-45 Jl-Ag '56.

VEGETABLES—HARVESTING

Machines and equipment for vegetable harvesting. V.M. Kuz'min. Mekh. sil'. hosp. 7 no. 8:18-19 Ag '56.

VEGETABLES—MARKETING see subdivision under Moscow

VEGETABLES—PRESERVATION

(see also subdivision under Latvia)

Drying potatoes, vegetables, and fruit. V. Shustrov. Kolkh. proizv. 16 no. 7:25-26 Jl '56.

Processing vegetables on collective farms. G.S. Sobchuk. Mosk. kolkh. 5 no. 8:18-19 Ag '56.

Simple methods for processing vegetables and fruit on collective farms. N. Saburov. Kolkh. proizv. 16 no. 7:24-25 Jl '56.

VEGETABLES—STORAGE

Storing vegetables in surface silos and trenches. A.S. Androsik. Sad i og. no. 7:23-26 Jl '56.

VEGETABLES—TRANSPORTATION

Losses of vegetables during transportation. P.K. Kremnev. Mosk. kolkh. 5 no. 8:17-18 Ag '56.

VEISBREM, MATVEI MARKOVICH, 1884-1956

Obituaries. Stomatologiia 35 no. 3:64 My-Je '56.

VEKILOV, SAMED VURGUN, pseud. see Vurgun, Samed, 1906?-1956

VELIKIYE LUKI—NEWSPAPER AND PERIODICAL CIRCULATION

Active organizational work. Raspr. pech. no. 7:3 of cover Jl '56.

VELIKIYE LUKI—THEATER

Velikiye Luki. Teatr 17 no. 7:146-147 Jl '56.

VELVET

"Burning out" a design. A.F. Lagov. Nauka i zhizn' 23 no. 6:51 Je '56.

VENDING MACHINES

Automatic post-card machine. Vest. sviazi 16 no. 4: 2 of cover Ap '56.

VENEERS AND VENEERING

The making of resin glue for furniture veneering. G.V. Morushkin. Der. prom. 5 no. 7:19-20 Jl '56.

The use of sulfite-protein glue in veneering. O.D. Volodina. Der. prom. 5 no. 7:21-23 Jl '56.

VENEREOLOGY

Determination of tasks in the scientific solution of problems in the field of dermatology and venereology. Vest. ven. i derm. no. 3:3-8 My-Je '56.

VENICE—ART—EXHIBITIONS

Exhibition in Venice. N. Abalkin. Ogonek 34 no. 34:14-15 Ag '56.

The Venice Biennale. B. Ioganson. Nov. vrem. 34 no. 34:22-26 Ag '56.

VENICE—HISTORY

N.P. Sokolov's defense of the doctoral dissertation "Formation and early organization of Venetian colonial rule" in Leningrad University. V.A. IAkubakii. Vst. vrem. 8:391-393 '56.

VENICE—SOCIAL CONDITIONS

Venice, the city of workers. Boris Polevoi. Ogonek 34 no. 26:23-24 Je '56.

VENOM

Blood pressure and vascular tonus changes following bites of the blackwolf spider (Latrodectus tredecimguttatus). Z.S. Barkagan. Torap. arkh. 28 no. 4:45-51 '56.

VENOM—THERAPEUTIC USE

Friends of health. N.P. Iorish. Nauka i zhizn' 23 no. 6: 46-48 Je '56.

Therapeutic properties of bee sting poison. N.P. Iorish. Pchelovodstvo 33 no. 8:58-59 Ag '56.

Therapeutic venom. A. Gur'ianov. Ogonek 34 no. 28: 15-16 Jl '56.

VENTILATING FANS see Fans, Mechanical

VENTILATION

Improved inlet of round TSAGI deflectors. I. Kudarikov. Muk.-elev. prom. 22 no. 6:22-23 Je '56.

A new type of ventilation in units for the painting of parts. T. Fialkovskaia, N. Mosolov. Sots. trud no. 7:83-84 Jl '56.

Prevention and elimination of troubles in single-pipe ventilating installations. B. Mel'nik, V. Ukolov. Muk.-elev. prom. 22 no. 7:29-31 Jl '56.

Special problems in ventilating millet during storage. K. Drogolin. Muk.-elev. prom. 22 no. 6:7-10 Je '56.

VERKHNIY—COAL MINES AND MINING—STUDY AND TEACHING

New miner cadres. K. Panferov. Prof.-tekh. obr. 13 no. 6:15-16 Je '56.

VERNADSKII, VLADIMIR IVANOVICH, 1863-1945

"Selected works." V.I. Vernadskii. Reviewed by A.I. Tugarinov. Geokhimiia no. 1:121-122 '56.

VERNALIZATION

Formation of the yarovization stage in interspecific wheat hybrids. A.F. Shulyndin, E.M. Poltyrev. Bot. i gen. 21 no. 3:11-16 '56.

Ontogenesis and the integrity of the plant organism. M. Kh. Chailakhian. Bot. zhur. 41 no. 4:467-500 Ap '56.

Vernalization of potatoes for summer planting. A.M. Gavrilov. Kartofel' no. 2:28-31 My-Je '56.

Yarovization stage in corn. V.F. Portianko. Agrobiologiia no. 3:28-30 My-Je '56.

VERNE, JULES, 1828-1905

Mournful notes. Zvezda no. 9:190 S '56.

VERONA, ITALY—AGRICULTURAL EXHIBITIONS

International Fair in Verona. Sots. sel'khoz. 37 no. 5: 91-92 '56.

VERSAILLES, TREATY OF, JUNE 28, 1919 (GERMANY)

"Deliberations of the Council of Four (March 24-June 28, 1919)" [in French]. Paul Mantoux. Reviewed by B.E. Shtein. Vop. ist. no. 6:176-182 Je '56.

VERTEBRATES

(see also subdivision under Arctic regions)

Phylogenic relations within the group of agnathous vertebrates. P.P. Balabai. Nauk zap. L'viv. nauk. pryrod. muz. AN URSR 4:59-79 '55.

VERTEBRATES—PARASITES see Parasites—Vertebrates

VESELOVSKII, ALEKSANDR NIKOLAEVICH, 1838-1906

Ivan Franko as a critic of Veselovskii's folklore studies. M.F. Matvichuk. Nauk. zap. Inst. susp. nauk AN URSR 3:63-74 '54.

VETCH

(see also subdivision under Serpukhov District)

Mechanized harvesting of peas and vetch. B.V. Fedoseev, V.I. Basov. Zemledelie 4 no. 7:85-95 Jl '56.

Winter hairy vetch is a valuable green forage. M.M. Rozhkov. Mosk. kolkh. 5 no. 7:15-16 Jl '56.

VETERANS see subdivision under Brest Litovsk

VETERINARY HYGIENE

Proper transportation of cattle and meat products by rail. V.P. Kuznetsov, Z.Z. Kats. Veterinariia 33 no. 8:8-10 Ag '56.

Use of mounted tank vessels in veterinary medicine. R.A. Nuraev, V.I. Lapiev. Veterinariia 33 no. 8: 80-81 Ag '56.

Veterinary measures in commercial fattening of cattle. Veterinariia 33 no. 8:3-7 Ag '56.

VITAMINS—B (Continued)

Role of vitamin $B_1$ in the prevention of pyodermitis in bakery workers. M.I. Lipskaia. Vest. ven. i derm. no. 3:19-21 My-Je '56.

Synthesis of vitamin $B_1$ by Fusarium species. V.I. Bilai. Mikrobiol. zhur. 9 no. 4:32-37 '48.

Vitamin B and tocopherol content of embryos, bran, and oil of some wheat varieties of the Ukrainian S.S.R. I.H. Drokova and others. Ukr. biokhim. zhur. 23 no. 4:371-375 '51.

Vitamin $B_{12}$ in the treatment of acute and chronic digestive disturbances. A. Kh. Khamidulina. Pediatriia 33 no. 3:90-91 My-Je '56.

VITAMINS—D

Determination of vitamin $D_2$ in presence of sterols and of products of ergosterol photochemical conversion. V. P. Vendt, I. H. Drokova. Ukr. biokhim. zhur. 22 no. 2:160-165 '50.

VITAMINS—P

Effect of vitamin P on the toxic effects of poisons of conjugated phosphorylation. E. V. Moreva. Biul. eksp. biol. med. 42 no. 7:42-44 Jl '56.

Effect of vitamin P (tannin of tea leaves) on the permeability of blood capillaries. V. A. Sondak, A. I. Ruderman. Biofizika 1 no. 4:399-400 '56.

Vitamin P acitivity of some di- and triphenols. IE. F. Shamrai, Z. V. Karpliuk. Ukr. biokhim. zhur. 28 no. 2: 231-234 '56.

VITEBSK—BOOKSELLERS AND BOOKSELLING

A welcome visitor. P. Okunev. Sov. knizh. torg. no. 7: 24 Jl '56.

VITEBSK—BUILDING TRADES—STUDY AND TEACHING

Popularizing modern technology. M. Kravchenko. Prof.-tekh. obr. 13 no. 6:14 Je '56.

VITEBSK—GRINDING MACHINES

Automatic spheric-surface grinding machine. G. A. Il'ashenko, V. I. Krivonosov. Stan. i instr. 27 no. 8:8-10 Ag '56.

VITEBSK—LODGING-HOUSES

Why are our girls so sad? R. Mikhailova. Rab. i sial. 32 no. 6:17-18 Je '56.

VITEBSK—MATHEMATICS—STUDY AND TEACHING

Methodology in Vitebsk, and Vitebsk Province. V. D. Chistiakov. Mat. v shkole no. 4:88-90 Jl-Ag '56.

VITICULTURE

(see also subdivision under Azerbaijan; Georgia; Moldavia; Transcarpathia; Volga Valley)

Accelerated training of grape vines. A. M. Safonova. Vin. SSSR 16 no. 4:33-35 '56.

Calendar for vegetable gardening, fruit culture, and viticulture. Sad i og. no. 6:76-77 Je '56.

Calendar for vegetable gardening, fruit culture, and viticulture. Sad i og. no. 7:76-77 Jl '56.

Characteristic features of the planting stock of different varieties. V. R. Loladze. Sad i og. no. 6:67-68 Je '56.

Conference of agronomists fruit growers and viticulturists of machine-tractor stations. Sad. vin. Mold. 11 no. 3:62-63 My-Je '56.

Cultivation of the Plavai grape. V. A. Kravchenko. Sad. vin. Mold. 11 no. 3:13-15 My-Je '56.

For further development of viticulture. A. S. Eremenko. Vin. SSSR 16 no. 4:47-48 '56.

Get ready to harvest an abundant grape crop. F. B. Bashirov. Sad i og. no. 7:64-67 Jl '56.

Growing grape planting stock. N. G. Gogiia. Sad i og. no. 7:71 Jl '56.

High grape yields in the second year after planting. P. E. Tsekhmistrenko. Sel'khoz. Povol. no. 7:46-49 Jl '56.

How to prove Rkatsiteli grapes. IU. K. Chernopashchenko. Sad. vin. Mold. 11 no. 3:12-13 My-Je '56.

How to tie arms and shoots of grapevines to trellises. G. F. Turianskii. Sad. vin. Mold. 11 no. 3:8-10 My-Je '56.

Leading grape-growing collective farm. G.V.Gaprindashvili, I. M. Dondzhashvili. Sad i og. no. 7:68 Jl '56.

Raise more fruit and grape transplants. Sad. vin. Mold. 11 no. 3:1-2 My-Je '56.

Raising large grape crops. V. Lentsova. Sad i og. no. 6:64-67 Je '56.

Rejuvenation of old vineyards. M. P. Dobrovol'skii. Sad. vin. Mold. 11 no. 3:10-12 My-Je '56.

Rybakov, A. A., ed. [Manual of norms for fruit growing, viticulture, and vegetable gardening] Normativnyi spravochnik po plodovodstvu, vinogradarstvu i ovoshchevodstvu. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 289 p.

Speeding up the fruiting of grapevine. V. M. Kol'. Sad i og. no. 7:69-70 Jl '56.

Viticulture on mountain slopes. O. P. Riabchun. Vin. SSSR 16 no. 4:25-28 '56.

VITICULTURE—BIBLIOGRAPHY see Bibliography—Viticulture

VLADIMIR, Archpriest, 1864-1956

Obituaries. Zhur. Mosk. Patr. no. 5:6-7 My '56.

VLADIMIR—CHURCHES, ORTHODOX EASTERN

Uspensky Cathedral in Vladimir. P. Kharlamov. Zhur. Mosk. Patr. no. 4:13-16 Ap '56.

VLADIMIR—COMMUNIST YOUTH LEAGUE

Communist Youth League members from a factory are coming to us. Z. Golyshkina. Vozhatyi 32 no. 8: 5 Ag '56.

VLADIMIR—INDUSTRIAL ARTS—STUDY AND TEACHING

Cooperation. P. Savkin. Prof.-tekh. obr. 13 no. 6:20 Je '56.

VLADIMIR PROVINCE—HUNTING

In forests of Vladimir Province ("Hunting in our province." N. Sysoev. Reviewed by N. Bogoslovskii). Okh. i okh. khoz. no. 7:53-54 Jl '56.

VLADIVOSTOK—THEATER

"Optimistic tragedy." Teatr 17 no. 6:140 Je '56.

VLADIVOSTOK PROVINCE—TIGERS

Fight with the tiger. V. Maksimovich. Mol. kolkh. 23 no. 6:31 Je '56.

VOCATIONAL GUIDANCE

At the call of the party. Prof.-tekh. obr. 13 no. 6:3 Je '56.

VODOVOZOV, VASILII IVANOVICH, 1825-1886

V. I. Vodovozov. L. D. Privalova. Rad. shk. 35 no. 5: 3 of cover My '56.

VOEIKOV, ALEKSANDR IVANOVICH, 1842-1916

A. I. Voeikov and current problems of climatology; materials of the meeting of the scientific council of the Main Geophysical Observatory devoted to the memory of A. I. Voeikov. V. A. Solov'ev. Izv. AN SSSR. Ser. geofiz. no. 6:739-743 Je '56.

VOICE

Some data on the analysis of singing voice. S. N. Rzhevkin. Akust. zhur. 2 no. 2:205-210 Ap-Je '56.

VOLCANIC ASH, TUFF, ETC. see subdivision under Stalingrad Province; Transcarpathia

VOLCANOES

(see also subdivision under Azerbaijan; Georgia; Kamchatka)

Tsunami related to volcanic eruptions. V. I. Vtodavets. Biul. Sov. po seism. no. 2:27-30 '56.

VOLGA DELTA—SHORE LINES

Structure of the Volga Delta shore line. E. F. Belevich. Trudy Inst. geog. 68:37-53 '56.

VOLGA-DON CANAL

Investigation under natural conditions of "cold" concreting. T. G. Kurinnyi, V. M. Medvedev, G. A. Shisho. Gidr. stroi. 25 no. 6:14-18 Jl '56.

VOLGA RIVER

Ovsiannikov, N. G. [The reconstruction of the Volga River and its tributaries] Rekonstruktsiia Volgi i ee pritokov. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 5)

VOLGA RIVER—FISHERIES

Depths and shoals. IA. Fomenko. Ogonek 34 no. 27:15-16 Jl '56.

VOLGA RIVER—FREIGHTERS

Accounting of freighter operations. K. Liakhov. Rech. transp. 15 no. 6:18-19 Je '56.

VOLGA RIVER—HYDROELECTRIC POWER STATIONS

Kovalev, L.R. [The assault on the Volga] Shturm Volgi. [Kuibyshev] Kuibyshevskoe kn-vo, 1956. 31 p.

VOLGA RIVER—HYDROGRAPHY

Recharting of the hydrographic network off the Volga right bank from Saratov to Kamyshin. S. K. Gorelov. Trudy Inst. geog. 68:114-124 '56.

VOLGA RIVER—HYDROLOGY

Interaction of the Volga and Oka Rivers at their confluence in relation to the controlling influence of the Shcherbakov Hydroelectric Power Station. B. I. Fettisyn. Meteor. i gidrol. no. 6:35-36 Je '56.

VOLGA RIVER—LUMBER—TRANSPORTATION

Log rafting on the Great Volga. G. Lakhtanov, I. Chebotarev. Les. prom. 34 no. 6:17-19 Je '56.

VOLGA RIVER—NAVIGATION

Changes in navigation on the Volga caused by the construction of Kuybyshev Hydroelectric Power Station. L. S. Kuskov. Rech. transp. 15 no. 7:22-23 Jl '56.

VOLGA RIVER—SHORE LINES

Morphology of the middle Volga right bank in connection with the creation of the Kuybyshev Sea. V. V. Baiyr. Trudy Inst. geog. 68:125-128 '56.

VOLGA RIVER—TOWING

Towing rafts on the Volga-Kama basin reservoirs. M. E. Osipov. Rech. transp. 15 no. 6:15-17 Je '56.

VOLGA VALLEY

Future characteristics of the lower Volga. V. P. Gerasimov. Priroda 45 no. 7:84-86 Jl '56.

VOLGA VALLEY—AERONAUTICS IN AGRICULTURE

Airplanes over the fields of the Volga Region. I. P. Shelest. Grazhd. av. 13 no. 7:29-30 Jl '56.

VOLGA VALLEY—AGRICULTURE

Farming system in the Volga-Akhtuba floodland and in the Volga Delta. F. P. Liubich. Sel'khoz. Povol. no. 7:14-19 Jl '56.

VOLGA VALLEY—CHEMICAL DENUDATION

Some data on chemical denudation in the upper reaches of the Volga, Moscow, and Oka Rivers. F. P. Savarenskii. Trudy Lab. gidrogeol. probl. 1:19-24 '48.

VOLGA VALLEY—DECORATION AND ORNAMENT, ARCHITECTURAL

Popular ornamentation of dwellings by peasants of the Volga Valley. N. A. Koval'chuk. Vop. iskus. arkhit. 4-5 no. 1:132-146 '56.

VOLGA VALLEY—EARTH MOVEMENTS

Effect of undulations of the earth's crust in the region of the Volga-Ural Lowland on the formation of underground flow and oil pools. A. I. Silin-Bekchurin. Trudy Lab. gidrogeol. probl. 1:72-87 '48.

VOLGA VALLEY—GEOLOGY

Main features of the hydrogeology of the middle Volga Valley. T. P. Afanas'ev. Trudy Lab. gidrogeol. probl. 1:88-96 '48.

VOLGA VALLEY—GEOLOGY, STRATIGRAPHIC

Luminescence and bituminous characteristics of Paleozoic deposits of the Kuybyshev region in the Volga Valley. N. A. Koprova. Prikl. geofiz. no. 14 [illegible] '56.

VOLGA VALLEY—IRRIGATION FARMING

Reclamation of land in the Volga-Akhtuba Valley and in the Volga Delta. I. I. Filippov. Sel'khoz. Povol. no. 7:11-15 Jl '56.

VOLGA VALLEY—LEGUMES

Nodule formation in pulse crops sown for green manuring in the trans-Volga region. P. K. Lamprovskii. Dokl. Akad. sel'khoz. 21 no. 6:27-31 '56.

VOLGA VALLEY—PASTURES AND MEADOWS

For more extensive seeding of grasses in meadows of the Volga region. B. G. Varvarin. Sel'khoz. Povol. no. 6:15-18 Je '56.

Useful pamphlet on the improvement of natural grasslands in the Southeast ("How to improve pastures and meadows in the Southeast." I. I. Teremzhkin. Reviewed by V. V. Volkova). Sel'khoz. Povol. no. 6:83-85 Je '56.

VOLGA VALLEY—PETROLEUM GEOLOGY

Effect of undulations of the earth's crust in the region of the Volga-Ural Lowland on the formation of underground flow and oil pools. A. I. Silin-Bekchurin. Trudy Lab. gidrogeol. probl. 1:72-87 '48.

VOLGA VALLEY—ROTATION OF CROPS

More about the farming system in the Southeast. I. S. Sidorov. Sel'khoz. Povol. no. 6:7-10 Je '56.

VOLGA VALLEY—SPRINKLER IRRIGATION

Sprinkler irrigation in the trans-Volga region. V. I. Panitskii. Sel'khoz. Povol. no. 7:61-63 Jl '56.

VOLGA VALLEY—VINE CROPS

Vine crops in the Lower Volga region. V. F. Beltik. Sel'khoz. Povol. no. 6:42-46 Je '56.

VOLGA VALLEY—VITICULTURE

Raising grape transplants in the trans-Volga region. V. V. Panitskii, V. I. Panitskii. Sel'khoz. Povol. no. 6:48-49 Je '56.

VOLGA VALLEY—WATER, UNDERGROUND

Effect of undulations of the earth's crust in the region of the Volga-Ural Lowland on the formation of underground flow and oil pools. A. I. Silin-Bekchurin. Trudy Lab. gidrogeol. probl. 1:72-87 '48.

Main features of the hydrogeology of the middle Volga Valley. T. P. Afanas'ev. Trudy Lab. gidrogeol. probl. 1:88-96 '48.

The role of movements of the earth's crust in the formation of underground water in coal-bearing strata and in gas deposits of the Volga Valley. A. B. Ronov. Trudy Inst. teor. geofiz. 3:68-84 '47.

VOLGA VALLEY—WILLOWS

Willow thickets in the Lower Volga flood lands. I. I. Levitskii. Les. khoz. 9 no. 6:20-24 Je '56.

VOLGA VALLEY—WINDBREAKS, SHELTERBELTS, ETC.

Width and make-up of shelterbelts of the trans-Volga region. IA. IA. Lobanov, V. V. Lebedev. Sel'khoz. Povol. no. 6:31-34 Je '56.

VOLHYNIA—AMETHYSTS

Amethyst in the weathering zone of Volhynian basalts. S. S. Martynova. Min. sbor. no. 9:300-303 '55.

VOLHYNIA—ECONOMIC CONDITIONS—HISTORY
"The magnate economy in southern Volhynia in the 18th century." A. I. Baranovich. Reviewed by V. A. Diadichenko. Vop. ist. no. 5:176-178 My '56.

VOLHYNIA—MOSSES
List of mosses in Western Volhynia. V. M. Mel'nychuk. Nauk zap. L'viv. nauk. pryrod. muz. AN URSR 4:139-159 '55.

VOLHYNIA—QUARTZ
Inclusions in quartz of northwestern Volhynia. O. N. Stronskaia. Min. sbor. no. 9:321-324 '55.

VOLKOVA, EVDOKIIA IOSIFOVNA
Forty years of pedagogical work. Doshk. vosp. 20 no. 7:36 Jl '56.

VOLLEYBALL
"Great net" prize. I. Umanov. Vozhatyi 32 no. 7:55-56 Jl '56.
Oskolkova, V. A., and M. S. Sungurov. [Volleyball] Voleibol. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 236 p. (V pomoshch' instruktoru-obshchestvenniku)

VOLOGDA PROVINCE—FERTILIZERS AND MANURES
Using fertilizers on collective farms of Vologda Province. S. A. Zaremba. Ud. i ur. 1 no. 5:42-43 My '56.

VOLOKOLAMSK—MONASTERIES
New materials on the architectural ensemble of the Iosifova-Volokolamsk Monastery. N. Voronov, I. Sakharova. Arkhit. nas. no. 6:107-131 '56.

VOLSK—KIESELGUHR
Depolymerizing action of the Volsk kieselguhr. N. N. Grigaev, N. I. Kuvshinova, L. A. Tarkhanova. Zhur. prikl. khim. 29 no. 6:841-847 Je '56.

VOLSK DISTRICT—KINDERGARTEN
In our kindergarten. Nadezhda Belinovich. Krest'ianka 35 no. 7:7-8 Jl '56.

VOLUMETRIC APPARATUS
Simple method for determining the sugar minimum in vegetable matter. Sh. G. Gonashvili. Zhivotnovodstvo no. 6:81-82 Je '56.

VOLYN-PODOLIAN UPLAND—SERPULIDAE, FOSSIL
Serpulidae in Cretaceous rocks of the Volyn-Podolian Upland and their significance for stratigraphy. S. I. Pasternak. Nauk zap. L'viv. nauk. pryrod. muz. AN URSR 4:20-44 '55.

VOLYN PROVINCE—ECONOMIC CONDITIONS
Volyn restored. I. TSiupa. Slaviane no. 7:34-36 Jl '56.

VOLYN PROVINCE—MUSKRATS
Distribution of muskrats in the Shack lake region. M. P. Rudyshyn. Nauk. zap. L'viv. nauk. pryrod. muz. AN URSR 4:92-96 '55.

VOLYNSKII, LEONID
Stories indeed ("Stories," L. Volynskii. Reviewed by L. Levin). Novyi mir 32 no. 9:261-265 S '56.

VOMITING
Prevention of postoperative vomiting and regurgitation following gastric resection. I. M. Popov'ian, T. A. Kunitsina. Sov. med. 20 no. 5:61-66 My '56.

VORKUTA—THEATER
Vorkuta. Teatr 17 no. 7:145-146 Jl '56.

VORONEZH—BOOKSELLERS AND BOOKSELLING—COLPORTAGE, SUBSCRIPTION TRADE, ETC.
How we organized the order system. K. Aleksander. Sov. knizhtorg. no. 7:5-6 Jl '56.

VORONEZH—GYMNASTICS
A master trains masters. A. Ragozin. Fizk. i sport 26 no. 8:9 '56.

VORONEZH—THEATER
"From Poltava to Hango." I. Shtok. Teatr 17 no. 7: 106-109 Jl '56.

VORONEZH PROVINCE—AGRICULTURE
Distribution of branches of agriculture. G. Semkin. Sots. sel'khoz. 27 no. 5:85-90 '56.

VORONEZH PROVINCE—DAIRYING
The farmers of Voronezh Province keep their word. O. Kozhukhova. Ogonek 34 no. 33:5 Ag '56.

VORONEZH PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
Courses for district organizers. A. IAkovlev. Raspr. pech. no. 7:20 Jl '56.

VORONOVITSA—STONE AGE
The paleolithic site Voronovitsa 1; based on data from the 1951-1953 excavations. A. P. Chernysh. Krat. soob. IIMK no. 63:40-47 '56.

VORONTSOVA, MARIIA ALEKSANDROVNA, 1902-1956
In memory of M. A. Vorontsova. Biul. eksp. biol. med. 42 no. 7:79-80 Jl '56.

VOROSHILOV, KLIMENT EFREMOVICH, 1881-
Kliment Efremovich Voroshilov; on his 75th birthday. Pavel Fedorov. Sov. mor. 16 no. 3:7-8 F '56.

VOROSHILOVGRAD—BOOKSELLERS AND BOOKSELLING
Department manager. R. Ponarovskii. Sov. knizh. torg. no. 7:23-24 Jl '56.

VOROSHILOVGRAD—SCHOOL DISCIPLINE
The monitors' first steps. I. Ivanenko. Prof.-tekh. obr. 13 no. 6:22-23 Je '56.

VOROSHILOVGRAD PROVINCE—BOOKSELLERS AND BOOKSELLING
Specialized book kiosks of consumers' cooperatives. N. Gladushina. Sov. knizh. torg. no. 7:11 Jl '56.

VORTEX TUBE
Investigating vortex tubes. A. P. Merkulov. Zhur. tekh. fiz. 26 no. 6:1271-1276 Je '56.

VOSKRESENSK—LABOR AND LABORING CLASSES
At the factory "Gigant." Vsem. prof. dvizh. no. 6:46-48 Je '56.

VOSKRESENSK DISTRICT—STOCK AND STOCKBREEDING
In the struggle for the development of animal husbandry. I. Artamonov. Blok. agit. no. 24:26-33 Ag '56.

VOTKINSK DISTRICT—FORESTS AND FORESTRY
Letters from the Votkinsk Working Circle. I. I. Gudisev. Les. khoz. 9 no. 6:64-69 Je '56.

VOVCHOK, MARKO, pseud. see Markovych, Marita Oleksandrivna (Vilinskaia), 1834-1907

VOYNICH, ETHEL LILLIAN (BOOLE), 1864-
Parcel from New York. E. Taratuta. Ogonek 34 no. 32: 27-29 Ag '56.

VULCANIZATION
Certain characteristics of the radiation technique used in rubber vulcanization. A. S. Kuz'minskii, T. S. Nikitina, V. L. Karpov. Atom. energ. no. 3:137-140 '56.
Mechanism underlying the action of vulcanization accelerators. Interaction between mercaptobenzothiazole and sulfur. B. Dogadkin, I. Tutorskii. Dokl. AN SSSR 109 no. 2:299-302 My '56.

VURGUN, SAMED, 1906?-1956
From the administration of the U. S. S. R. Association of Writers. Lit. Azerb. 14 no. 6:3 Je '56.
From the Central Committee of the Communist Party of Azerbaijan, the Council of Ministers of the Azerbaijan S. S. R. and the Presidium of the Supreme Soviet of the Azerbaijan S. S. R. Lit. Azerb. 14 no. 6:3 Je '56.
From the Presidium of the Association of Writers of Azerbaijan and the Presidium of the Academy of Sciences of the Azerbaijan S. S. R. Lit. Azerb. 14 no. 6: 3 Je '56.
From the Presidium of the Supreme Soviet of the U. S. S. R. Lit. Azerb. 14 no. 6:3 Je '56.
In memory of Samed Vurgun. Pavel Antokol'skii. Druzh. nar. no. 7:144-145 Jl '56.
In memory of the poet. Lit. Azerb. 14 no. 6:7-8 Je '56.
Patriotic poetry. M. Rafili. Druzh. nar. no. 7:146-152 Jl '56.
Samed Vurgun Vekilov; obituary. Lit. Azerb. 14 no. 6:4-7 Je '56.

VVEDENSKII, NIKOLAI EVGEN'EVICH, 1852-1922
N. E. Vvedenskii. I. A. Veltukov, K. S. Tochilov. Uch. zap. Len. un. no. 176:3-27 '54.
Scientific relations of N. E. Vvedenskii with the St. Petersburg Academy of Sciences. P. G. Terekhov. Uch. zap. Len. un. no. 176:28-54 '54.

VYSHYVANYI, VASYL', 1895-
Hirniak, Nykyfor. [Colonel Vasyl' Vyshyvanyi] Polk. Vasyl' Vyshyvanyi. Winnipeg, Vydav khor. USS Dm. Mykytiuk, 1956. 70 p.

WAGENINGEN (NETHERLANDS)—PLANT DISEASES—CONGRESSES
International conference on nematode diseases of plants and excursions in the Netherlands. M. V. Gorlenko. Bot. zhur. 41 no. 4:611-615 Ap '56.

WAGES
(see also subdivision under Czechoslovakia)
Aspects of the Marxist-Leninist theory of the impoverishment of the proletariat. A. Arzumanian. Kommunist 33 no. 10:105-119 Jl '56.
Bocharov, A. T. [Advance payment of collective farm employees] Avansirovanie kolkhoznikov. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 33 p. (DS)
Changing the wage system in coal mining. G. IA. Burshtein. Ugol' 31 no. 7:36-39 Jl '56.
From the editor's mail. Sots. trud. no. 6:102-106 Je '56.
How collective farm drivers are paid. Mekh. sil'. hosp. 7 no. 6:3 of cover Je '56.
How to organize coal miners' wages. A. Gogin. Sots. trud. no. 6:63-64 Je '56.
How to pay the driver of mobile repair shop that services and repairs the machinery of collective farm stock-breeding branches. I. Z. Berest. Mekh. sil'. hosp. 7 no. 1:3 of cover Ja '56.
Improving the wage system in the lumbering industry. P. Boroshnev. Sots. trud no. 7:48-53 Jl '56.
It's payday today. Sov. Soiuz no. 7:24-25 Jl '56.
Kuznetsova, A. S. [Organization of wages in Soviet industrial enterprises] Organizatsiia zarabotnoi platy rabochikh na promyshlennykh predpriiatiiakh SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p. (V pomoshch' ekonomicheskomu obrazovaniiu)
Payments to workers and employees. Bukhg. uchet 15 no. 7:41-42 Jl '56.
A radical reorganization is indispensable. A. Grinov. Sots. trud. no. 6:6-62 Je '56.
Raising wages artificially. N. Adestov. Sots. trud. no. 7:99-100 Jl '56.
Regulate the wages of repair and maintenance personnel. N. Minaev. Avt. transp. 34 no. 6:7 Je '56.
Regulating wages in the machinery industry. Sots. trud. no. 6:3-8 Je '56.
Replies to readers' questions. Sots. trud. no. 6:110-111 Je '56.
Shortcomings in wage organization at district automobile depots. M. Gordon. Sots. trud. no. 6:99-100 Je '56.
Some figures and conclusions to be drawn from them. A. Dovba, V. Nikol'skii. Sots. trud. no. 6:57-60 Je '56.
Use the collective form of wage payments. I. Kuz'menko, B. Tukhaev, IU. Leshchiner. Sots. trud. no. 6:100-101 Je '56.
Wage system and production standards when harvesting grain in separate stages. Mosk. kolkh. 5 no. 8:7 Ag '56.
Wages for drivers, senior drivers and managers of collective farm garages. I. Lamash. Avt. transp. 34 no. 6:5-6 Je '56.
Wages in building according to piece work and progressive piece work rates. S. Mitin. Sots. trud no. 7:104-109 Jl '56.

WAGES—STATISTICS
Methodology for computing a real wage index in the U. S. S. R. M. Eidel'man. Vest. stat. no. 3:33-46 My-Je '56.

WALKING
(see also subdivision under Ukraine)
Children's hiking standards. V. G. Khomulo. Teor. i prak. fiz. kul'. 19 no. 7:546-547 Jl '56.

WALKING—OFFICIATING
Refereeing walking races. A. Fruktov. Leg. atl. no. 5: 13-14 My '56.

WALL NEWSPAPERS
(see also subdivision under Czerikovskiy District; Fastov)
"Class newspaper." G. Aksiutina, E. Aksiutina. Vozhatyi 32 no. 8:29-30 Ag '56.
Daily wall newspaper at the factory. P. Arzamastsev. Mosk. prop. 13 no. 5:63-64 My '56.
The wall newspaper for parents. B. Panasiuk. Nar. obr. no. 7:53 Jl '56.

WALLS
Device for installing wall partitions made of slabs. I. N. Maiborod. Rats. i izobr. predl. v stroi. no. 136:17-19 '56.
Installation with travelling stand for making large panel gypsum slag wall partitions. Rats. i izobr. predl. v stroi. no. 136:3-7 '56.
Joints for precast wall panels used in frameless apartment house construction. Rats. i izobr. predl. v stroi. no. 13:16-18 '56.
Lightweight wall panels with foam glass insulation. N. V. Morozov, L. F. Illarionova. Biul. stroi. tekh. 13 no. 6: 13-15 Je '56.
Precast reinforced concrete units for wall panels of frame panel-built apartment houses. Rats. i izobr. predl. v stroi. no. 13:10-12 '56.
Precast wall panels made of dry gypsum plaster. M. V. Bokil'ko. Rats. i izobr. predl. v stroi. no. 136:8-12 '56.
Selecting economic walls made of precast factory-produced elements. M. B. Zil'berbord. Nov. tekh. i pered. op. v stroi. 18 no. 7:23-24 Jl '56.
Using large panel walls made of gypsum concrete. I. IA. Briman. Nov. tekh. i pered. op. v stroi. 18 no. 7:17-18 Jl '56.
Wall partitions made of gypsum fiber slabs. N. N. Lezinikov. Rats. i izobr. predl. v stroi. no. 136:13-16 '56.

WALNUT
Adaptive variations in the gas exchange of Persian walnut plants during acclimatization. E. N. Mikhaleva, I. N. Konovalov. Trudy Bot. inst. Ser. 4 no. 11:47-61 '56.
Growth dynamics of fruit and the formation of vitamin C and oil in walnut fruit and leaves in connection with polarity. H. Kh. Molotkovs'kyi, P. I. Lopushans'kyi, M. A. Soldatova. Ukr. bot. zhur. 13 no. 1:55-62 '56.

WAR

Oleshchuk, F. N. [Is war inevitable?] Neizbezhna li voina. Moskva, Gos. izd-vo polit. lit-ry, 1956. 63 p.

WAR—ECONOMIC ASPECTS—STATISTICS

Burden of military expenditures. V zashch. mira no. 61: 32-34 Je '56.

WAR CRIMINALS see subdivision under China

WARBLE FLIES

Control of ox warble fly of cattle. A. T. Kravets. Sovkhoz. proizv. no. 7:72-73 Jl '56.

WARSAW

Warsaw. K. Dzevon'skii. Vop. geog. no. 38:131-149 '56.

WARSAW—SPORTS

In the centre of Warsaw. E. Zarzycki. Fizk. i sport 26 no. 7:26-27 '56.

WARSHIPS—VISITS TO FOREIGN PORTS see subdivision under Shanghai

WASHERS (MECHANICS)

Stopper spring washer. V. Antsiferov. Avt. transp. 34 no. 6:30 Je '56.

WASHINGTON, GEORGE, 1732-1899—DRAMA

This was not what Fast wanted. N. I. Novyi mir 32 no. 7:281-282 Jl '56.

WASSERMANN REACTION see Syphilis—Diagnosis—Wassermann reaction

WASTE HEAT

Farm heating plant without distributing mains. A. Cherniadev. Sel'. stroi. 11 no. 5:19-20 My '56.

Nomogram for computing the value of heat lost in flue gases from boiler installations. G. A. Karlson. Trudy LIEI no. 7:122-128 '54.

Utilizing the heat from the cooling water and exhaust gases of internal combustion engines. A. I. Shatilov. Energomashinostroenie no. 6:26-27 Je '56.

Utilizing waste heat in electric power stations. I. F. Hel. Mekh. sil'. hosp. 7 no. 8:26-27 Ag '56.

WATCHMAKING see subdivision 'Clockmaking and watchmaking' under Minsk

WATER

Vasil'ev, M. V. [Water works for us] Voda rabotaet. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 39 p. (Nauchno-populiarnaia biblioteka, no. 84)

WATER—AERATION see subdivision under Moscow

WATER—ANALYSIS

Chemical analysis of water in small samples or with low mineralization. E. S. Bukser, N. E. Fedorova, B. B. Zaidis. Ukr. khim. zhur. 17 no. 1:8-21 '51.

Tables for calculating the chemical components and verifying chemical analyses of water. G. L. Aranovich. Rats. i izobr. predl. v stroi. no. 129:22-31 '56.

Use of dithizone in the colorimetric determination of zinc in drinking water. M. D. Manita. Trudy Kom. anal. khim. 7:194-200 '56.

WATER—BACTERIOLOGY

Role of the water factor in the epidemiology of bacillary dysentery. A. A. Chasovnikov. Voen.-med. zhur. no. 3:48-53 Mr '56.

Some data on the role of the water factor in the epidemiology of dysentery. I. M. Nikhinson, A. S. Lev. Voen.-med. zhur. no. 4:59-60 Ap '56.

WATER—FLUORIDATION

Fluoride content in the food intake and endemic fluorosis of the skeleton. R. D. Gabovich. Vop. pit. 15 no. 4:31-37 Jl-Ag '56.

WATER—LAWS AND LEGISLATION see subdivision under Kazakhstan

WATER—POLLUTION

Hydrochemistry of bodies of water in connection with hydraulic structures; conference in Novocherkassk. O. A. Alekin, V. G. Datsko, G. S. Konovalov. Vest. AN SSSR 26 no. 8:110-111 Ag '56.

Some instances of invertebrate penetration into the water-supply system. S. M. Liakhov. Zool. zhur. 35 no. 5:777-778 My '56.

WATER—PURIFICATION
(see also subdivision under Philadelphia)

Electrolytic preparation of an iron coagulant for the purification of drinking water. Part I. Anodic dissolution of iron. M. A. Shevchenko. Ukr. khim. zhur. 17 no. 2: 252-263 '51.

Initial data for the development of equipment for the chemical removal of salt from natural waters and condensates. F. G. Prokhorov, K. A. IAnkovskii. Teploenergetika 3 no. 7:57-62 Jl '56.

Purification of drinking water with a mixture of ferric and ferrous chlorides. L. A. Kul'skii, M. A. Shevchenko. Ukr. khim. zhur. 17 no. 2:239-251 '51.

WATER, UNDERGROUND
(see also subdivision under Black Sea region; Kazakhstan; Soviet Central Asia; Tatar A. S. S. R.; Volga Valley)

Abramov, S.K., M.P.Semenov, and A.M.Chalishchev, [Impounding underground water] Vodozabory podzemnykh vod. Izd. 2-oe, perer. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 255 p.

Academic expeditions of the second half of the 18th century and their role in the development of hydrogeological knowledge in Russia. D. I. Gordeev. Trudy Lab. gidrogeol. probl. 1:245-270 '48.

Formation of the chemical composition of ground waters in irrigated regions. S. V. Zonn. Trudy Lab. gidrogeol. probl. 1:112-120 '48.

M. V. Lomonosov's opinion of underground water. D. I. Gordeev. Trudy Lab. gidrogeol. probl. 1:233-244 '48.

New method of calculating the movement of ground water under hydraulic structures. R. R. Chugaev. Gidr. stroi. 25 no. 6:27-33 Jl '56.

Recent status of the problem concerning the formation of underground water. A. M. Ovchinnikov. Trudy Lab. gidrogeol. probl. 1:36-50 '48.

Rogovskaia, N. V. [Methods of hydrogeological and geological engineering studies in irrigation systems] Metodika gidrogeologicheskikh i inzhenerno-geologicheskikh issledovanii na massivakh oroshenila. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 135 p.

Sedenko, M. V. [Hydrogeology] Gidrogeologiia. Moskva, Ugletekhizdat, 1956. 115 p.

Some regularities in the formation of ground waters in arid regions. V. A. Priklonskii. Trudy Lab. gidrogeol. probl. 1:97-111 '48.

Some results of studying underground flow. F. A. Makarenko. Trudy Lab. gidrogeol. probl. 1:51-66 '48.

Underground feeding of rivers. F. A. Makarenko. Trudy Lab. gidrogeol. probl. 1:67-71 '48.

Using electroosmosis in lowering ground water level. G. M. Lomize, A. V. Netushil. Gidr. stroi. 25 no. 3: 26-31 Ap '56.

Using water-jet pumps to lower ground water. N. D. Duginets. Gidr. stroi. 25 no. 3:20-21 Ap '56.

Water resources in the soil profile of dry farm land provided with irrigation. A. N. Nikolaev. Dokl. AN Tadzh. SSR no. 12:31-35 '54.

WATER, UNDERGROUND—ANALYSIS

Dispersion of chemical elements in underground waters of varied origin (the significance of proportionality coefficients). A. P. Vinogradov. Trudy Lab. gidrogeol. probl. 1:25-35 '48.

WATER, UNDERGROUND—MAPS

Garmonov, I. V. [Maps of ground water of the steppe and forest-steppe regions of the European part of the U. S. S. R.] Karty gruntovykh vod stepnykh i lesostepnykh raionov Evropeiskoi chasti SSSR. Moskva, Izd-vo Akademii nauk SSSR, 1955. 3 maps (in portfolio)

———[Explanatory notebook to accompany the maps] Poiasnitel'naia zapiska k kartam, 1955. 18 p.

WATER BIRDS see subdivision under Polesye

WATER GAS

Investigation of the process of water gas production in intermittent generators. K. E. Makhorin. Trudy Inst. isp. gaza AN URSR 3:46-57 '55.

Production of water gas from anthracite. K. E. Makhorin, N. N. Dobrokhotov. Trudy Inst. isp. gaza AN URSR 3:3-17 '55.

Purification of water gas by triethanolamine. K. I. Lopatin and others. Masl.-zhir. prom. 22 no. 4:12-13 '56.

WATER HEATERS

Water heater using liquid fuel. R. G. Mitnitskii. Vod. i san. tekh. no. 5:26-27 My '56.

WATER METERS

Device for measuring the fall in water level at the screen of a water intake. N. A. Likhid'ko. Vod. i san. tekh. no. 5:28-29 My '56.

Hot-water meter. Prom. energ. 11 no. 5:40 My '56.

WATER ON THE BRAIN see Hydrocephalus

WATER PIPES

Graphic nomogram for the hydraulic calculations of circular pressure pipes. G. S. Khovanskii. Rats. i izobr. predl. v stroi. no. 129:9-10 '56.

"Mute" blueprints of designs for water pipeline and sewerage construction. N. D. Chigrinskaia. Rats. i izobr. predl. v stroi. no. 129:32-34 '56.

Slide rules for hydraulic calculations of pipes. M. M. Andriiashev. Rats. i izobr. predl. v stroi. no. 129:4-8 '56.

WATER PLANTS see Aquatic plants

WATER POLO

Kistiakovskii, A.IU., and others. [Water polo; a manual for trainers] Vodnoe polo; v pomoshch' treneram. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 152 p. (Uchebnoe posobie dlia zaniatii s sportsmenami-razriadnikami)

WATER SUPPLY
(see also subdivision under Vietnam, North)

Problems of water supply hygiene in kindergartens. I. Startsev. Doshk. vykh. 17 no. 6:36-37 Je '56.

Rogovskaia, N. V. [Methods of hydrogeological and geological engineering studies in irrigation systems] Metodika gidrogeologicheskikh i inzhenerno-geologicheskikh issledovanii na massivakh oroshenila. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 135 p.

WATER SUPPLY, RURAL
(see also subdivision under Uzbekistan)

Hydraulic characteristics of automatic waterers. G. M. Melikian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 6:101-107 Je '56.

Improving water utilization by collective farm sections. IA. M. Voron, S. A. Zhuravkov. Gidr. i mel. 8 no. 6: 46-49 Je '56.

Lavrent'ev, A. I., and L. IA. Kashekov. [Mechanization of the water supply on stock farms] Mekhanizatsiia vodosnabzhenila zhivotnovodcheskikh ferm. Izd. 3-e perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 295 p.

The most advantageous method of water supply. A. M. Loiko, F. M. Riaboshtan. Sots. tvar. 28 no. 6:47-50 Ag '56.

WATER-SUPPLY ENGINEERING
(see also subdivision under United States)

Mones, I. M. [Construction and assembly work in water supply and sewerage] Proizvodstvo stroitel'no-montazhnykh rabot po vodoznabzhenliu i kanalizatsii. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 360 p.

Remarks on a book on an important subject ("Reservoirs and their use in irrigation," I. P. Gribanov, IA. M. Pashenkov. Reviewed by G. N. Petrov). Gidr. i mel. 8 no. 6:59-61 Je '56.

Standards for design problems of municipal water supply and sewerage systems. Rats. i izobr. predl. v stroi. no. 129:35-37 '56.

TSikerman, L. IA. [Calculating supports and anchors for pressure conduits] Raschet uporov i iakorei napornykh truboprovodov. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 103 p.

WATERWAYS

Correct planning and cost reduction in waterway maintenance. V. M. Tavrizov. Rech. transp. 15 no. 6:24-26 Je '56.

More on expenditures per one kilometer of waterway. A. S. Vil'port. Rech. transp. 15 no. 6:21-23 Je '56.

Reducing expenditures per one kilometer of guaranteed-depth waterway. I. Kovrigin. Rech. transp. 15 no. 5: 23-24 Je '56.

WATTEAU, JEAN ANTOINE, 1684-1721

Riddles in the painting of Watteau. Françoise d'Eaubonne. V zashch. mira no. 62/63:132-135 Jl-Ag '56.

WATTMETER

High-frequency wattmeter. B. P. Tarent'ev. Elektrosviaz' 10 no. 7:42-49 Jl '56.

WAVE GUIDES

Lebedev, I.V. [The technique and instruments for ultra-high frequency] Tekhnika i pribory sverkhvysokikh chastot. Moskva, Moskovskii energ. institut im. V.M. Molotova.

Sec. 2. [Wave guide technique and hollow resonators] Tekhnika volnovodov i polykh rezonatorov. 1956. 174 p.

Wave guide propagation of sound in inhomogeneous media. IU. L. Gazarian. Akust. zhur. 2 no. 2:133-136 Ap-Je '56.

WAVE MECHANICS

Elementary method for calculating the effect of the crystal-lattice field on ionic single-electron $S$- and $P$-functions. M. I. Petrashen', A. V. Ivanova, G. Vol'f. Vest. Len. un. 11 no. 10:29-38 '56.

Schrödingera's coordinate function for an arbitrary state of a many-electron atom. I. V. Abarenkov. Vest. Len. un. 11 no. 10:43-54 '56.

Selection of physically acceptable solutions of the Schrödinger equation for the hydrogen atom. T. Tietz. Zhur. eksp. i teor. fiz. 30 no. 5:948-940 My '56.

Transition to geometric approximation in the theory of elasticity. M. L. Levin, S. M. Rytov. Akust. zhur. 2 no. 2:173-176 Ap-Je '56.

WAVE MOTION, THEORY OF

Correlational properties of waves in randomly inhomogeneous media. L. A. Chernov. Akust. zhur. 2 no. 2: 211-215 Ap-Je '56.

Quantitative analysis of wave processes in elastic semi-space subjected to various effects. K. I. Ogurtsov. Uch. zap. Len. un. no. 208:142-220 '56.

WHITE RUSSIA—BUCKWHEAT

Problems in cultivation practices of amphidiploid buckwheat in White Russia. E. A. Zhebrak. Vestsi AN BSSR Ser. biial. nav. no. 1:57-67 '56.

WHITE RUSSIA—COLLECTIVE FARMS

"Any collective farm can be as successful." K. P. Orlovskii. Kolkh. proizv. 16 no. 15:47 My '56.

Building houses for the collective farmers. P. Korenchuk. Kolkh. proizv. 16 no. 5:11 My '56.

Good luck in your work, comrade collective farm members! Rab. i sial. 32 no. 9:1 S '56.

Initiative of collective farm party organizations. F. Surganov. Part. zhizn' no. 12:16-22 Je '56.

WHITE RUSSIA—COLLECTIVE FARMS—ACCOUNTING

Practice of paying collective farm members on account. V. Dobruk, I. Afanasik. Komm. Bel. 29 no. 9:44-51 S '56.

WHITE RUSSIA—COMMUNIST EDUCATION

New tasks for party schools. I. Kozhar. Komm. Bel. 29 no. 8:29-31 Ag '56.

Party education in the new academic year. N. IUzhik. Komm. Bel. 29 no. 9:22-27 S '56.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

Leading collective farm masses. N. Dostanko. Komm. Bel. 28 no. 7:69-73 Jl '56.

Party news. Komm. Bel. 29 no. 9:85-88 S '56.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—HISTORY

Conference on questions of the history of the Communist Party of Western White Russia. Komm. Bel. 29 no. 9:66-71 S '56.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Brief news. Komm. Bel. 29 no. 8:73-75 Ag '56.

Follow-up of materials printed in "Kommunist Belorussii." Komm. Bel. 28 no. 6:80 Je '56.

Party news. Komm. Bel. 28 no. 6:77-80 Je '56.

Work with the leaders of rural agitation groups. Komm. Bel. 29 no. 9:18-21 S '56.

WHITE RUSSIA—CONIFERAE

Seedlings of introduced conifers in the nursery of the Woody Plants Department of the Botanical Garden of the White Russian Academy of Sciences. N. D. Nesterovich, N. I. Chekalinskaia. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:47-58 '56.

WHITE RUSSIA—CONTRACT LABOR—HISTORY

Exploitation of White Russian peasants who worked as contract laborers in 1830-1850's. E. I. Karneichuk. Vestsi AN BSSR Ser. hram. nav. no. 1:15-26 '56.

WHITE RUSSIA—COST AND STANDARD OF LIVING

Care for everyday needs and cultural requirements of workers constantly. Komm. Bel. 29 no. 8:2-9 Ag '56.

WHITE RUSSIA—CUTWORMS

Winter moth (Agrotis segetum schiff.) in western White Russia. O. I. Merzhaeuskaia. Vestsi AN BSSR Ser. biial. nav. no. 1:87-96 '56.

WHITE RUSSIA—DAY NURSERIES

Day nurseries and kindergartens for our children. N. Siarheeva. Rab. i sial. 32 no. 8:9 Ag '56.

WHITE RUSSIA—DECORATION AND ORNAMENT

Album of White Russian folk ornament. A. Esakou. Belarus' 13 no. 7:18 Jl '56.

WHITE RUSSIA—DESCRIPTION AND TRAVEL

Roads invite us; a sketch. V. Marozau. Biarozka 32 no. 6:2-4 Je '56.

WHITE RUSSIA—ECONOMIC CONDITIONS

In our republic; notes. Biarozka 32 no. 8:15 Ag '56.

Propagandize and put into practice the decisions of the 20th Congress of the Communist Party of the Soviet Union more actively. G. Machulin. Komm. Bel. 28 no. 7:24-31 Jl '56.

WHITE RUSSIA—ECONOMICS—STUDY AND TEACHING

Gain a more thorough knowledge of economics. Komm. Bel. 29 no. 9:2-8 S '56.

WHITE RUSSIA—EDITING

Book and manuscript. A. Koloskov. Part. zhizn' no. 13: 73-77 Jl '56.

WHITE RUSSIA—EXECUTIVE DEPARTMENTS

Improve continuously the work of the state apparatus. A. Kulikov. Komm. Bel. 29 no. 8:10-16 Ag '56.

WHITE RUSSIA—FEEDING AND FEEDING STUFFS

A stable fodder supply for communal stockbreeding. Komm. Bel. 28 no. 6:50-56 Je '56.

WHITE RUSSIA—FIGWORT

Discovery of Mimulus guttatus DC in the vicinity of Minsk. N. Kozlovskaia. Vestsi AN BSSR Ser. biial. nav. no. 1:159 '56.

WHITE RUSSIA—FLAX

Cultivation of fiber flax in White Russia. A. Arkhimovich. Belaruski zbornik 3:165-173 '55.

For a further expansion of flax raising in White Russia. P. P. Koval'chuk. Len i konop. no. 5:5-9 Jl '56.

Ways to increase disease resistance and chemical methods for preventing diseases of flax. N. N. Luchyna. Vestsi AN BSSR Ser. biial. nav. no. 1:75-78 '56.

WHITE RUSSIA—FOREST PROTECTION

Urgent problems in the protection and development of natural resources in the White Russian S. S. R. P. P. Rahavoi, P. I. Zhukau. Vestsi AN BSSR Ser. biial. nav. no. 1:31-38 '56.

WHITE RUSSIA—FORESTS AND FORESTRY

Changes in the extent of forests in the White Russian S. S. R. during the last century. V. I. Perekhod, G. A. Ginzburg. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6: 59-72 '55.

Forests are our riches. N. I. Kastsiukevich. Biarozka 32 no. 7:24-25 Jl '56.

Interrelation of tree varieties in derivative-type oak dominant spruce-hornbeam forests. V. G. Mishnev. Sbor. nauch. rab. Inst. lesa AN BSSR no. 6:161-177 '55.

WHITE RUSSIA—HARVESTING

Carry out harvesting in a short time and without losses. Komm. Bel. 28 no. 7:40-45 Jl '56.

WHITE RUSSIA—HEALTH RESORTS, WATERING PLACES, ETC.

Admirable initiative in the development of the sanatorium and health-resort system in White Russia. E. F. Kalitovskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 1:71-73 Ja-Mr '56.

WHITE RUSSIA—HISTORY

Arakcheev settlements in White Russia. M. Mel'nikau. Belarus' 13 no. 8:31 Ag '56.

"History of the White Russian S. S. R.," vol. I. Translated from the Polish. Reviewed by H. Łowmiański. Vestsi AN BSSR Ser. hram. nav. no. 1:131-134 '56.

Works on the history of the revolutionary movement in White Russia ("Revolutionary struggle in Minsk during the first Russian revolution, 1905-1907," V. Shatsila; "Activity of Bolsheviks of the Gomel area during the first Russian revolution." E. D. Dyrenok. Reviewed by A. Sidorenko). Komm. Bel. 29 no. 9:62-65 S '56.

WHITE RUSSIA—HISTORY—HISTORIOGRAPHY

White Russian history written in Russian in works of Soviet historiography. L. Varonich. Belaruski zbornik 3:131-164 '55.

WHITE RUSSIA—HOSPITALS, RURAL

Rural hospitals in White Russia. T. L. Neupokoeva. Sov. zdrav. 15 no. 4:3-9 Jl-Ag '56.

WHITE RUSSIA—KINDERGARTEN

Day nurseries and kindergartens for our children. N. Siarheeva. Rab. i sial. 32 no. 8:9 Ag '56.

WHITE RUSSIA—LABOR PRODUCTIVITY—HISTORY

Socialist competition in White Russian industry during the first five-year plan. N. E. Zavatseu. Vestsi AN BSSR Ser. hram. nav. no. 1:73-88 '56.

WHITE RUSSIA—LAND TENURE—HISTORY

History of the struggle for the realization of the decree "On land" in White Russia (October 1917-February 1918). I. E. Marchanka. Vestsi AN BSSR Ser. hram. nav. no. 1: 61-72 '56.

WHITE RUSSIA—MACHINERY INDUSTRY

Vsesoiuznoe nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti. Belorusskoe respublikanskoe otdelenie. [The White Russian machine builder; a collection of scientific and technical articles] Mashinostroitel' Belorussii; sbornik nauchno-tekhn. informatsii. Minsk, Gos. izd-vo BSSR, 1956. 149 p. [MICROFILM]

WHITE RUSSIA—MUSIC

Against monotony and potboilers. G. Stefanskii. Sov. muz. 20 no. 7:117-118 Jl '56.

Tsitovich, G.I. and B.S. Smol'skii. [White Russia] Belorusskaia SSR. Moskva, Gos. muzykal'noe izd-vo, 1956. 86 p. (Muzykal'naia kul'tura soiuznykh respublik)

WHITE RUSSIA—PEAT INDUSTRY

Urgent problems of the peat industry in the White Russian S. S. R. B. D. Paremskii. Torf. prom. 33 no. 4:28-31 '56.

WHITE RUSSIA—PETROLEUM—REFINING

Petroleum will be refined in White Russia. Druzh. nar. no. 6:139 Je '56.

WHITE RUSSIA—PHYSICAL EUDCATION AND TRAINING

Physical education and sports. Biarozka 32 no. 7:26-27 Jl '56.

WHITE RUSSIA—PIONEERS (COMMUNIST YOUTH)

Festival of children; an article. N. H. Krasnova. Biarozka 32 no. 7:1 Jl '56.

WHITE RUSSIA—POISONOUS PLANTS

Poisonous plants in meadows and pastures. M. Siamionava. Belarus' 13 no. 7:31 Jl '56.

WHITE RUSSIA—POSTAL SERVICE

The postal service of a republic. Druzh. nar. no. 6: 140 Je '56.

WHITE RUSSIA—POTATOES

White Russian machine-tractor stations and collective farms are striving for increased potato production. I. G. Linkevich. Kartofel' no. 2:4-6 My-Je '56.

WHITE RUSSIA—POULTRY—FEEDING AND FEEDING STUFFS

Preparation of feed in poultry combines of the White Russian S. S. R. F. I. Shovchenko. Pitinevodstvo 6 no. 6:30 Je '56.

WHITE RUSSIA—REFORESTATION

Renewal of wood-cutting areas in connection with changes in the varieties of trees in White Russian dark-coniferous spruce-hornbeam forests. V. H. Mishnev. Vestsi AN BSSR Ser. biial. nav. no. 1:51-56 '56.

WHITE RUSSIA—RELATIONS (GENERAL) WITH INDIA

Guests from India. Rab. i sial. 32 no. 6:6 Je '56.

WHITE RUSSIA—REPATRIATION

From a foreign country back to the motherland; a sketch. IAfim Sadouski. Biarozka 32 no. 6:10-11 Je '56.

WHITE RUSSIA—REVOLUTION, 1917-1921

White Russian inspection committees in the struggle to restore and consolidate Soviet rule in the summer and autumn of 1920. V. A. Krutalevich, V. V. Pitchyna. Ist. arkh. no. 3:45-60 My-Je '56.

WHITE RUSSIA—REVOLUTION OF 1905

Movement of White Russian peasants during the Revolution of 1905-1907. V. V. Chepko. Vestsi AN BSSR Ser. hram. nav. no. 1:41-50 '56.

Participation of the White Russian laboring classes in the Revolution of 1905-1907. Z. E. Abezhauz. Vestsi AN BSSR Ser. hram. nav. no. 1:27-40 '56.

Revolutionary movement of soldiers during the first Russian revolution of 1905-1907 in White Russia. A. M. Karpachou. Vestsi AN BSSR Ser. hram. nav. no. 1:51-60 '56.

WHITE RUSSIA—ROTATION OF CROPS

Grasses in field crop rotations of the White Russian S. S. R. P. E. Prokopov. Zemledelie 4 no. 7:87-93 Jl '56.

WHITE RUSSIA—SPINDLE TREE

Observations of the seasonal development of phenological phases of European spindle trees in the White Russian S. S. R. I. D. Urkevich. Vestsi AN BSSR Ser. biial. nav. no. 1:39-40 '56.

WHITE RUSSIA—SPORTS

Preparing for the Spartakiads of the Peoples of the U. S. S. R. G. Shinger, M. Pavliuchenkov. Komm. Bel. 28 no. 6:57-62 Je '56.

WHITE RUSSIA—STATE FARMS

Follow-up of materials printed in "Kommunist Belorussii." Komm. Bel. 28 no. 7:80 Jl '56.

WHITE RUSSIA—STOCK AND STOCKBREEDING

Put in motion all potential means for increasing the production and state purchases of stockbreeding products. Komm. Bel. 28 no. 6:2-9 Je '56.

A stable fodder supply for communal stockbreeding. Komm. Bel. 28 no. 6:50-56 Je '56.

WHITE RUSSIA—SUGAR BEETS

White Russia, a new sugar beet growing area. K. O. Liashenko. Sakh. svekl. no. 4:11-14 Je '56.

WHITE RUSSIA—SUMMER

First harvest. V. Ramanenka. Biarozka 32 no. 8:13 Ag '56.

WHITE RUSSIA—THEATER

Eternal theme. Ul. Niafed. Belarus' 13 no. 8:28-29 Ag '56.

The theater is an important section of ideological work. A. Sholog. Komm. Bel. 28 no. 6:46-49 Je '56.

WHITE RUSSIA—THEATER—HISTORY

"The Byelorussian theater and drama" [in English]. Vladimir Seduro. Reviewed by Ales' Karpovich. Belaruski zbornik 3:197-201 '55.

WHITE RUSSIA—THERAPEUTICS, PHYSIOLOGICAL

Work of the White Russian Society of Physiotherapeutists and Health Resort Specialists in 1955. D. A. Markov, I. I. Mel'nikov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 2:91-92 Ap-Je '56.

WHITE RUSSIA—WHEAT

Cultivating hard wheat on peat bog soils. N. I. Ziul'kova. Vestsi AN BSSR Ser. biial. nav. no. 1:69-73 '56.

WHITE RUSSIAN ART see Art, White Russian

WHITE RUSSIAN DRAMA—HISTORY AND CRITICISM

"The Byelorussian theater and drama" [in English]. Vladimir Seduro. Reviewed by Ales' Karpovich. Belaruski zbornik 3:197-201 '55.

WHITE RUSSIAN LANGUAGE

From the editor. Pratsy Inst. mov. AN BSSR no. 1:3-4 '54.

Some problems in the standardization and development of the White Russian literary language. M. H. Bulakhau. Pratsy Inst. mov. AN BSSR no. 1:5-24 '54.

WHITE RUSSIAN LANGUAGE—ADJECTIVE

History of the adjective in the White Russian language. A. IA. Birula. Pratsy Inst. mov. AN BSSR no. 1:41-59 '54.

WHITE RUSSIAN LANGUAGE—DIALECTS

Dialectal basis of the White Russian literary language. N. T. Vaitovich. Pratsy Inst. mov. AN BSSR no. 2:155-181 '54.

Diphtong "ie" in the dialects of Pinsk Province. D. S. TSeliantsiuk. Pratsy Inst. mov. AN BSSR no. 1:118-120 '54.

Experiment in surveying the phonetic system in a dialect. N. V. Biryla. Pratsy Inst. mov. AN BSSR no. 1:91-117 '54.

The most important problems of White Russian dialectology. IU. F. Matskevich. Pratsy Inst. mov. AN BSSR no. 2:125-154 '54.

Some special forms in the dialects of Kirov District, Bobruysk Province. N. I. Kastsian. Pratsy Inst. mov. AN BSSR no. 1:121-127 '54.

WHITE RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Role of the translations of Marxist-Leninist classics in the enrichment of the White Russian language. Vl. Liaudanski. Vestsi AN BSSR Ser. hram. nav. no. 1:109-118 '56.

WHITE RUSSIAN LANGUAGE—GRAMMAR

Regularity in the declination of substantives in the White Russian language. M. A. Zhydovich. Pratsy Inst. mov. AN BSSR no. 2:103-124 '54.

WHITE RUSSIAN LANGUAGE—HISTORY

History of the White Russian written and spoken language; orthographic and phonetic characteristics of the Suprasl chronicle. M. A. Zhydovich. Pratsy Inst. mov. AN BSSR no. 1:25-40 '54.

Origin and development of the White Russian language. A. IA. Birula. Pratsy Inst. mov. AN BSSR no. 2:25-50 '54.

WHITE RUSSIAN LANGUAGE—STUDY AND TEACHING

The most important problems of Soviet White Russian linguistics. M. P. Sudnik. Pratsy Inst. mov. AN BSSR no. 2:5-24 '54.

WHITE RUSSIAN LANGUAGE—TERMS AND PHRASES

Role of the basic vocabulary in the creation and development of fixed phraseological expressions in the White Russian language. A. M. Bazylenka. Pratsy Inst. mov. AN BSSR no. 2:182-227 '54.

WHITE RUSSIAN LANGUAGE—VERB

Some verbal forms in the materials of the dialectal atlas of the White Russian language. IU. F. Matskevich. Pratsy Inst. mov. AN BSSR no. 1:60-90 '54.

WHITE RUSSIAN LANGUAGE—WORDS—HISTORY

Basic lexical fund and vocabulary of the Old White Russian language. M. H. Bulakhau. Pratsy Inst. mov. AN BSSR no. 2:51-102 '54.

WHITE RUSSIAN LITERATURE

Trial for firmness ("Ten days of White Russian art and literature in Moscow"; collection of articles. Reviewed by IA. Usikau). Belarus' 13 no. 7:31 Jl '56.

WHITE RUSSIAN MANUSCRIPTS see subdivision 'Manuscripts, White Russian' under Pinsk

WHITE RUSSIAN OPERA see Opera, White Russian

WHITE RUSSIAN PERIODICALS

The periodical and life; social and political articles in "Polymia." V. IUrevich. Komm. Bel. 29 no. 8:64-70 Ag '56.

WHITE SEA—ALGAE

Growth and food consumption of littoral marine macrophytes in the Barents and White Seas. V. V. Kuznetsov. Bot. zhur. 41 no. 4:510-521 Ap '56.

WHOLESALE TRADE—ACCOUNTING

Efficient accounting for products shipped and received in a wholesale trade organization. I. Grazutis, K. Gurkovskaia. Bukhg. uchet 16 no. 7:34-37 Jl '56.

WHOOPING COUGH

Effect of ionizing radiation on focal infection and the effectiveness of its prevention and therapy; experiments with whooping cough infection. B. N. Sofronov. Med. rad. 1 no. 2:33-40 Mr-Ap '56.

Effect of sanazin on Hemophilus pertussis and the infection with whooping cough. M. I. Shvaiker. Mikrobiol. zhur. 13 no. 2:99-102 '51.

Influence of the regimen on the course of whooping cough. V. P. Braginskaia, I. V. Diadiunova. Vop. okh. mat. i det. 1 no. 4:48-55 Jl-Ag '56.

Prophylaxis and treatment of whooping cough with onion phytoncides. I. L. Raines. Vop. okh. mat. i det. 1 no. 4:90-91 Jl-Ag '56.

WHOOPING COUGH—PREVENTIVE INOCULATION

Effective method for injecting whooping-cough vaccine; author's abstract. V. I. Marchenko. Zhur. mikrobiol. epid. i immun. 27 no. 7:64-65 Jl '56.

Toxic characteristics of the pertussis microbe. Report no. 3: Whooping cough anatoxin; combined whooping cough vaccine. E. F. Trushina-Tumanova. Zhur. mikrobiol. epid. i immun. 27 no. 7:59-64 Jl '56.

WILD BOAR

Wild boars as fishermen. P. Stefarov. Smena 33 no. 14:23 Jl '56.

WILD LIFE, CONSERVATION OF see subdivision under Ukraine

WILD RICE

Experiments in growing wild rice. M. Rozanov. Okh. i okh. khoz. no. 7:25-26 Jl '56.

WILL

Let's talk about will. A. Konovalov, IU. Petrov. Mol. komm. 14 no. 7:102-108 Jl '56.

WILLOWS

(see also subdivision under Volga Valley)

Willows as a means of preventing the shoaling of rivers. I. A. Freiberg. Shor. nauch. rab. Inst. lesa AN BSSR no. 6:178-183 '55.

WILNO see Vilnius

WILSON, MITCHELL A.

"My brother, my enemy," Mitchell A. Wilson. Reviewed by B. Galanov. IUnost' no. 8:78-79 Ag '56.

"My brother, my enemy," Mitchell Wilson. Reviewed by D. Granin. Novyi mir 32 no. 6:254-258 Je '56.

The story of the Mallory brothers ("My brother, my enemy. M. Wilson. Reviewed by A. Dabinskaia). Oktiabr' 33 no. 8:188-191 Ag '56.

WILUITE

New varieties of wiluite. V. V. Liakhovich. Min. shor. no. 9:129-144 '55.

WINCHES

Large load winch for stacking logs. Mekh. trud. rab. 10 no. 7:40 Jl '56.

Winch for launching gliders. P. Nazarov. Kryl. rod. 7 no. 6:19 Je '56.

WINDBREAKS, SHELTERBELTS, ETC.

(see also subdivision under Balashov Province; Volga Valley; West Kazakhstan Province)

Essential problems in shelterbelt afforestation. D. D. Lavrinenko. Shor. VNITOLES Ukr. resp. otd. no. 1/2:6-16 '54.

Experiment in growing spotseeded shelterbelts. G. N. Akimochkin. Agrobiologiia no. 3:139-141 My-Je '56.

Introducing shrubs in shelterbelts. IU. E. Pukhtinskii. Agrobiologiia no. 3:141-142 My-Je '56.

Obtain 90% survival in forest plantations and shelterbelts of state forest reserves and collective farms in 1954. L. D. Shlikhanov. Shor. VNITOLES Ukr. resp. otd. no. 1/2:54-62 '54.

Pay more attention to shelterbelt afforestation. F. I. Traven'. Zemledelie 4 no. 7:25-29 Jl '56.

Stalin's great plan for the transformation of nature. P. S. Pohrebniak. Visnyk AN URSR 21 no. 1:32-37 Ja '49.

WINDMILLS see subdivision under Chernigovo District

WINDOWS

Operating device for transoms. Sel'. stroi. 11 no. 5:23 My '56.

Precast window heads made of seven-slotted ceramic blocks. M. V. Khrapunovich. Rats. i izobr. predl. v stroi. no. 130:9-10 '56.

Window block with precast reinforced concrete frames. V. M. Abramov, S. V. Sergievskii. Rats. i izobr. predl. v stroi. no. 135:9-12 '56.

Window unit with reinforced concrete window frame. V. Abramov. Arkhit. i stroi. Mosk. 5 no. 6:25-27 Je '56.

WINE AND WINE MAKING

(see also subdivision under Anapa; Crimea; Moldavia; Uzbekistan)

Economizing national resources ("Lowering losses of wine and cognacs during storage, crating and delivery." I. K. Kazandzhan. Reviewed by V. Svirida). Vin. SSSR 16 no. 4:63-64 '56.

Effect of gamma rays on grape wines and cognac alcohol. T. V. TSetskhladze, R. IA. Kipiani. Soob. AN Gruz. SSR 17 no. 4:303-308 '56.

Get ready to harvest an abundant grape crop. F. B. Bashirov. Sad i og. no. 7:64-67 Jl '56.

Information. Vin. SSSR 16 no. 4:58-62 '56.

Most efficient worker in the winery. A. G. Siniaev. Vin. SSSR 16 no. 4:55-56 '56.

Removing iron from wines by means of ionites. R. D. Begunova, O. S. Zakharina, D. K. Chalenko. Vin. SSSR 16 no. 4:14-16 '56.

Theory of alcoholic fermentation applied in wine making. N. N. Prostoserdov. Sad. vin. Mold. 11 no. 3:49-50 My-Je '56.

What a primary winery should be like. N. M. Rudnev. Sad. vin. Mold. 11 no. 3:52-53 My-Je '56.

Which varieties of Saccharomyces are most suitable for wine making. V. I. Kudriavtsev. Vin. SSSR 16 no. 4:17-18 '56.

WINE AND WINE MAKING—ANALYSIS

Determining the sugar content in sweetening liqueurs. V. K. Fertman. Vin. SSSR 16 no. 4:19-21 '56.

Method for faster determination of alcohol in winery wastes. M. V. Bondarev, E. M. Shpritsman. Sad. vin. Mold. 11 no. 3:50-51 My-Je '56.

WINE AND WINE MAKING—APPARATUS AND SUPPLIES

Device for testing polyethylene corks. I. I. IAlimov. Vin. SSSR 16 no. 4:52 '56.

Efficient technological plan for processing grapes. Vin. SSSR 16 no. 4:5 '56.

How to operate plate heat exchangers. E. IU. Vechorek. Vin. SSSR 16 no. 4:49-51 '56.

Improve the crushing and pressing equipment. A. K. Gambashidze. Vin. SSSR 16 no. 4:9-12 '56.

Using polyethylene corks in tirage bottling. E. I. Petrenko. Vin. SSSR 16 no. 4:53-55 '56.

Vacuum-bottling machine. Vin. SSSR 16 no. 4:56-57 '56.

WINE AND WINE MAKING—BIBLIOGRAPHY see Bibliography—Wine and wine making

WINE AND WINE MAKING—EXHIBITIONS

"Wine Industry" pavilion at the All-Union Industrial Exhibition. N. N. Popov, A. N. Burshtein. Vin. SSSR 16 no. 4:1-4 '56.

WINGS (AIRPLANES) see Airplanes—Wings

WIRE

The adjustment of wire rolling mill guides. S. N. Filipov, N. I. Beda, G. P. Borisenko. Stal' 16 no. 7:614-619 Jl '56.

Conference on steel wire production. Metallurg. no. 4:27 Ap '56.

WIRE ROPE

Certain problems in the theory of the construction of round rope strands with wires of equal cross section in all segments. P. P. Nesterov, H. I. Iozef. Dop. AN URSR no. 4:26-33 '49.

Dynamic theory for the calculation of mine hoisting cables. H. M. Savin. Dop. AN URSR no. 4:32-40 '48.

Fatigue limit for wires of steel hoisting cables. H. M. Savin, H. L. Pavlenko. Dop. AN URSR no. 4:27-31 '48.

Semiautomatic sling ropes for mounting steel and reinforced concrete construction elements. S. I. Smal'. Stroi. prom. 34 no. 7:11-15 Jl '56.

Using the asymptotic method in solving equations of the motion of a load on a partially elastic rope of variable length. V. M. Shevelo, A. I. Kuzhil. Dop. AN URSR no. 6:402-406 '54.

WIRE-ROPE TRANSPORTATION

On the effective carrying capacity of lifting and mounting ropes and their connections. V. I. Prokof'ev. Stroi. prom. 34 no. 7:15-20 Jl '56.

WIRE TAPPING see subdivision under Germany, West

WIRELESS TELEPHONE see Telephone, Wireless

WIT AND HUMOR—PERIODICALS see subdivision under Ukraine

WIT AND HUMOR, PICTORIAL see subdivision under Leningrad

WOLVES

How wolves became dogs. N. Rakovskaia. IUnt. nat. no. 4:35-37 Jl '56.

Military hunters destroy wolves. A. Baranov, M. Safronov. Okh. i okh. khoz. no. 7:58 Jl '56.

WOMEN

(see also subdivision under Japan; Oslo; Pyongyang, Korea)

Deeds and dreams. Mol. mira no. 5:2-3 '56.

Facts from life. Mol. mira no. 5:2 '56.

For peace and happiness. Mol. mira no. 5:1 '56.

WOMEN—CONGRESSES see subdivision under Budapest; Moscow; Paris

WOMEN—EMPLOYMENT

(see also subdivision under Anshan, China; China; Czechoslovakia; France; Great Britain; Italy)

The Soviet working woman is an active participant in the entire life of her country. O. I. Nefodova. Vsem. prof. dvizh. no. 6:35-36 Je '56.

WOMEN—EMPLOYMENT—CONGRESSES

Preparations for the conference in Argentina. Irma Otar. Vsem. prof. dvizh. no. 6:33-34 Je '56.

Second session of the preparatory committee. Vsem. prof. dvizh. no. 6:31-32 Je '56.

WOMEN—RIGHTS OF WOMEN

What the press is talking about. Mol. mira no. 5:5 '56.

WOMEN AS PHYSICIANS

Marriage and medicine. Vsem. stud. nov. 10 no. 6/7:10-11 Je-Jl '56.

WOMEN IN AERONAUTICS

Magid, A. S. [The Taman Guard Air Group] Gvardeiskii Tamanskii aviatsionnyi polk. Izd. 2-oe, dop. i perer. Moskva, Izd-vo DOSAAF, 1956. 270 p.

WOMEN'S INTERNATIONAL DEMOCRATIC FEDERATION

Session of the Council of the Women's International Democratic Federation in Peiping. Kitai no. 5:4 My '56.

WOOD

Comparative investigations of the productivity and quality of wood of the mountain oak (Quercus sessiliflora Salisb.) and English oak (Quercus robur L.). Z. F. Savchenko-Phrebniak. Dop. AN URSR no. 6:463-468 '54.

Physical and mechanical properties of the wood of Caucasian alder. Z. A. Novruzova. Trudy Inst. zeml. AN Azerb. SSR 3:91-100 '55.

WOOD—CHEMISTRY

Author from the capital in a provincial publishing house ("Chemistry of green gold." B. Rozen. Reviewed by B. Stepanov). Novyi mir 32 no. 9:275-277 S '56.

WOOD—DRYING

Seasoning wood in petrolatum. G. D. Shteinbok. Torf. prom. 33 no. 5:35 '56.

WOOD—MOISTURE

Moisture of the trunk wood in relation to the water exchange in the tree. L. A. Ivanov. Trudy Inst. fiziol. rast. 6 no. 1:9-44 '48.

WOOD—PRESERVATION

Preservation of wooden poles for transmission lines. A. Krivonos. Sel'. stroi. 11 no. 5:10-11 My '56.

WOOD—STANDARDS

Significance of wood surface-smoothness standards. B. M. Buglai, A. A. Lukashev. Standartizatsiia no. 3: 52-55 My-Je '56.

WOOD—TESTING

Khukhrianskii, P. N. [Pressing and bending wood] Pressovanie i gnut'e drevesiny. Moskva, Goslesbumizdat, 1956. 243 p.

WOOD, COMPRESSED

Artificial plank. IA. E. Kiselev. Nauka i zhizn' 23 no. 8:51 Ag '56.

WOOD CARVING see subdivision under Zagorsk District

WOOD-USING INDUSTRIES

Reinberg, S. A. [Problems in economizing on wood] Voprosy ekonomii drevesiny. Moskva, Goslesbumizdat, 1956. 267 p.

WOOD WASTE

Utilizing wood wastes. B. L. Smoliakov. Nauka i zhizn' 23 no. 7:53 Jl '56.

WOODEN BRIDGES see Bridges, Wooden

WOODWORKING INDUSTRIES

Eliminating loss of workers' time. D. E. Sitkhina. Der. prom. 5 no. 6:17 Je '56.

For high labor productivity in the sixth five-year plan. Der. prom. 5 no. 6:1-2 Je '56.

Letters from the Votkinsk Working Circle. I. I. Gudtsev. Les. khoz. 9 no. 6:64-69 Je '56.

Modernizing equipment is an important potentiality for increasing production output. Der. prom. 5 no. 7: 1-2 Jl '56.

Nauchno-tekhnicheskoe obshchestvo lesnoi promyshlennosti. [Innovations in the technique of using wood cutting tools] Novoe v tekhnike ekspluatatsii derevorezhushchego instrumenta. Moskva, Goslesbumizdat, 1956. 178 p.

Suggestions made by efficiency workers and inventors and approved by the Bureau of Inventions of the Ministry of Paper and Wood Industries of the U. S. S. R. Der. prom. 5 no. 7:26-27 Jl '56.

WOODWORKING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Woodworking industries

WOODWORKING MACHINERY

Attachment to woodworking machines. Sel'. stroi. 11 no. 5:23 My '56.

Bench for wood and metalwork. L. S. Shul'ts. Ucheb. - vosp. rab. v dets. dom. no. 35:78-87 '55.

Jointer for the assembly of window and door casings. G. V. Petrov. Der. prom. 5 no. 7:14-15 Jl '56.

Machine for making laths. V. D. Vorob'ev. Les. khoz. 9 no. 6:60-62 Je '56.

Modernizing the TSR-2 edging machine. V. I. Pavlov. Der. prom. 5 no. 6:23-24 Je '56.

The NTD cutting machine. Z. K. Zarodzinskii. Der. prom. 5 no. 7:16 Jl '56.

The OB-3 semiautomatic transverse profiling machine. N. F. Gusev. Der. prom. 5 no. 6:11 Je '56.

Shode, G. A. [Innovations in sawmill practice; based on foreign literature] Novoe v tekhnike lesopileniia; po dannym inostrannoi pechati. Moskva, Goslesbumizdat, 1956. 97 p.

WOOL

Effect of shearing goats twice a year in increasing wool production. G. G. Zelenskii. Ovtsevodstvo no. 7:25-28 Jl '56.

Essential characteristics of the wool of some new sheep breeds and strains. E. K. Deikhman, N. P. Buzuk, O. V. Kochetova. Trudy TSNIL no. 1:5-54 '55.

Let's raise the wool production of fine-fleeced Kazakh sheep. A. E. Elemanov and others. Ovtsevodstvo no. 7:8-16 Jl '56.

Wool quality of hybrid sheep of Armenia. M. G. Karamian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 7:95-100 Jl '56.

Working out a method for faster determination of the yield of clean fiber from a selected sample. E. K. Deikhman, N. P. Buzuk, L. A. Mitrofanova. Trudy TSNIL no. 1:91-116 '55.

Working out a method for taking average samples from a lot of unscoured wool for determining the yield of clean fiber. F. S. Zhitnikov, N. A. Gumileva. Trudy TSNIL no. 1:55-90 '55.

Working out unified standards for the moisture content of unscoured wool. S. E. Blumental'. Trudy TSNIL no. 1:117-152 '55.

WOOL—GRADING

Technical grading of wool of the Priaral'ye strain of sheep. O. IA. Berezina. Ovtsevodstvo no. 7:37-39 Jl '56.

WOOLEN AND WORSTED MANUFACTURE

Ozerov, B. V. [Design and operation of roving machinery for comb spinning fine wool] Ustroistvo i obsluzhivanie mashin rovnichnogo assortimenta grebennogo priadeniia tonkoi sherati. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 238 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

WORK

We are speaking about culture... Rud. Bershadskii. Ogonek 25 no. 48:20 N '47.

WORK AND WORKERS IN ART

The workingman. Mekhti Gusein. Druzh. nar. no. 6: 160-163 Je '56.

WORK MEASUREMENT

Apparatus for establishing technological standards. G. Trubitskii. Sots. trud no. 7:58-59 Jl '56.

Time norms for planning major construction work. L. M. Matskevich. Sudostroenie 22 no. 5:36-39 My '56.

WORKS COUNCIL

Workers' meetings. N. Kaveshnikov. Komm. Kazakh. 26 no. 8:38-40 Ag '56.

WORLD FEDERATION OF TRADE UNIONS

Balmashnov, A. A. [World Federation of Trade Unions in the struggle for the workers' unity of action] Vsemirnaia federatsiia profsoiuzov v bor'be za edinstvo deistvii trudiashchikhsia. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 180 p.

International Committee of Lawyers proceeds with its work. Vsem. prof. dvizh. no. 6:26 Je '56.

WORLD HISTORY

"The European era" [in Dutch]. Jan Romein. Reviewed by Maren Glen. Vop. ist. no. 6:182-185 Je '56.

WORLD PEACE COUNCIL see subdivision under France

WORLD POLITICS

Anniversary of the victory over Hitlerite Germany noted. Nar. Kit. no. 9/10:42 My '51.

The basis for a durable peace. Nov. vrem. 14 no. 27:1-2 Je '56.

Conferences of the governmental heads of Yugoslavia, India, and Egypt. Mezhdunar. zhizn' no. 8:137-138 Ag '56.

The crisis and disintegration of the colonial system of imperialism requires a deep and thorough study [with English summary in insert]. A. A. Guber. Sov. vostokoved. no. 3:3-14 '56.

Destiny of the Arabic world. Pierre Cot. V zashch. mira no. 61:1-9 Je '56.

Diary of events. Sov. Soiuz no. 8:2-3 Ag '56.

Imaginary danger. Nov. vrem. 14 no. 30:16-17 Jl '56.

A laborite journal on the unity of the labor movement. E. Cherniak. Novyi mir 32 no. 6:264-266 Je '56.

Neutralism is not neutrality. Gilles Martinet. V zashch. mira no. 62/63:43-47 Jl-Ag '56.

New events in the East and West. Claude Morgan. V zashch. mira no. 61:18-22 Je '56.

Opinion of a Frenchman about coexistence. Jacques Kayser. V zashch. mira no. 61:10-12 Je '56.

The present international situation, the foreign policy of the Chinese People's Republic, and the liberation of Formosa. Chou En-lai. Mezhdunar. zhizn' no. 8:11-27 Ag '56.

The Soviet people in the fight for peace. M. Kotov. Mosk. prop. 13 no. 7:23-31 Jl '56.

Summary of the half year. V zashch. mira no. 62/63:12-14 Jl-Ag '56.

World events. Nov. vrem. 14 no. 26:32 Je '56.

World events. Nov. vrem. 14 no. 27:32 Je '56.

World events. Nov. vrem. 14 no. 28:32 Jl '56.

World events. Nov. vrem. 14 no. 29:31-32 Jl '56.

World events. Nov. vrem. 14 no. 30:32 Jl '56.

World events. Nov. vrem. 14 no. 31:32 Jl '56.

World events. Nov. vrem. 14 no. 32:32 Ag '56.

World events. Nov. vrem. 14 no. 33:32 Ag '56.

World events. Nov. vrem. 14 no. 34:32 Ag '56.

World events. Nov. vrem. 14 no. 35:32 Ag '56.

WORLD WAR, 1939-1945

(see also subdivision under Balkin Peninsula; Brest; Germany; Japan; Tajikistan)

Fuller, J. F. C. [The Second World War, 1939-1945; a strategic and tactical history. Translated from the English] Vtoraia Mirovaia voina, 1939-1945 gg.; strategicheskii i takticheskii obzor. Perevod s angliiskogo V. A. Gerasimova i N. N. IAkovleva. Pod red. A. D. Bagreeva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 550 p.

Patriotic initiative of Tambov collective farmers during the Great Patriotic War (1942-1943). N. N. Sakharov. Ist. arkh. no. 3:3-17 My-Je '56.

Some lessons of the Second World War. Nov. vrem. 14 no. 26:3-6 Je '56.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

On a military flight. Dmitrii Zhuzin. Znamia 29 no. 7:117-143 Jl '56.

Those who did not spare their lives. E. Abramov. Grazhd. av. 13 no. 5:37 My '56.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS

Utilization of the resources of colonial and dependent countries in the Second World War. A. M. Ekpait. Vop. ist. no. 5:46-57 My '56.

WORLD WAR, 1939-1945—HISTORY

Serious shortcoming in the "Outline history of the Great Patriotic War." E. A. Boltin, A. S. Filippov. Vop. ist. no. 5:146-156 My '56.

Study the history of the Great Patriotic War more deeply! V. Evstignoev, P. Zhilin, S. Roginskii. Kommunist 33 no. 10:59-74 Jl '56.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Vishnevskii, Vsevolod. [Collected works; in five volumes] Sobranie sochinenii; v piati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.

Vol. 3. [Diary of the war years, 1941-1942] Dnevniki voennykh let, 1941-1942. 1956. 368 p.

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, RUSSIAN see subdivision under Germany

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS (see also subdivision under Yugoslavia)

Friendship is our weapon in the struggle for peace. V. Klokov. Slaviane no. 8:49-52 Ag '56.

WORMS, INTESTINAL AND PARASITIC

Helminthic fauna of domestic fowl in Kiev Province. L. F. Pashchenko. Trudy Inst. zool. AN URSR 6:11-34 '52.

Strongylidosis in hogs. R. S. Chebotar'ov. Sots. tsar. 28 no. 6:50-52 Je '56.

WOUNDS—TREATMENT

Medicinal use of propolis. K. A. Savina, F. T. Romanov. Pchelovodstvo 33 no. 8:59-60 Ag '56.

Primary suture in combination with penicillin in open wounds. N. I. Trot'iakov, I. P. Bogdanova. Vrach. delo, zhur. no. 3:78-80 Mr '56.

Sensitivity of the microflora of wounds to antibiotics and antiseptics. V. I. Maslov. Voen.-med. zhur. no. 3:84 Mr '56.

Treating wounds with sulfur sol. S. M. Ionin, A. P. Gakasian. Kar. i zver. 9 no. 3:60-61 My-Je '56.

WRESTLING

(see also subdivision under Donets Basin; Istanbul)

Matches on the mat. V. Krut'kovskii. Fizk. i sport 26 no. 8:11 '56.

On the tenth anniversary of the appearance of Soviet wrestlers in the international arena. B. M. Chesnokov. Teor. i prak. fiz. kul't. 19 no. 7:502-506 '56.

"Panjam lion." B. Chesnokov. Fizk. i sport 28 no. 7: 36 '56.

Russian strong men. P. S. Ukraina no. 15:28 Ag '56.

Seventy-six champions. B. Chesnokov. Fizk. i sport 28 no. 8:28-29 '56.

WRITING

Samples of writing for grade 2 in the elementary school. M. F. Savvin. Nach. shkola 24 no. 7:57-58 Jl '56.

X-RAY CRYSTALLOGRAPHY

Investigation of the crystallinity of some polymers by means of infrared spectroscopy. E. I. Pokrovskii, I. P. Kotova. Zhur. tekh. fiz. 26 no. 7:1456-1460 Jl '56.

X-ray diffraction by bent crystals. I. B. Borovskii, P. A. Bezirganian. Nauch. trudy Erev. un. 46 no. 2:79-91 '55.

X-RAY PHOTOGRAPHY see Radiography

X RAYS

Hard X-ray emission accompanying discharges in gases. S. IU. Luk'ianov, I. M. Podgornyi. Atom. energ. no. 3: 97-100 '56.

Use of roentgenography and infrared spectroscopy in analyzing the structure of humus substances [with French summary in insert]. V. I. Kasatochkin, O. I. Zil'berbrand. Pochvovedenie no. 5:80-85 My '56.

X-ray characteristics of certain organic minerals. IA. L. Giller. Min. sbor. no. 9:296-300 '55.

X-ray shadow microscopy. G. O. Bagdyk'iants. Biofizika 1 no. 4:341-345 '56.

X-ray shadow microscopy in biology. B. M. Rovinskii, V. G. Liutsau, A. I. Avdeenko. Biofizika 1 no. 2:163-166 '56.

X RAYS—APPARATUS AND SUPPLIES

Brief news. Vest. rent. i rad. 31 no. 3:94-95 My-Je '56.

Dismountable X-ray tube for close-focus irradiations of biological objects. K.N.Emel'ianov. Trudy Inst. biol. fiz. no. 1:293-297 '55.

The KRON X-ray camera. V. A. Frank-Kamenetskii, M. A. Rumsh. Vest. vys. shkoly 14 no. 7:44-45 Jl '56.

Using the reflected image of a luminescent screen in radiography. B. D. Rabinovich. Voen.-med. zhur. no. 9:72-73 S '55.

X RAYS—INDUSTRIAL APPLICATIONS

Certain characteristics of the radiation technique used in rubber vulcanization. A. S. Kuz'minskii, T. S. Nikitina, V. L. Karpov. Atom. energ. no. 3:137-140 '56.

Determination of fibrous texture characteristics by means of ordinary dust cameras. M. A. Rumsh, IU. G. Baklagina. Vest. Len. un. 11 no. 10:12-21 '56.

Radiography as a method for detecting metallic foreign matter in food. K. E. Belan. Voen.-med. zhur. no. 9: 73 S '55.

Roentgenographic investigation of methyl alcohol. O. Z. Holyk, A. F. Skryshevs'kyi, S. D. Ravikovych. Dop. AN URSR no. 6:457-459 '54.

Roentgenographic method for determining cracks in rice. Il'ina, L. Butman. Muk.-elev. prom. 22 no. 6:21-22 Je '56.

X-ray analysis of dispersivity. G. A. Khachkuruzov. Probl. kin. i kat. 7:28-58 '49.

X-ray study of anodic slurry and cathodic sediments formed during the electrolysis of silver-tellurium alloys. Z. S. Medvedeva, A. N. Khlapova. Izv. Sekt. fiz.-khim. anal. 27:141-149 '56.

X-ray study of cathodic zinc deposits obtained from a zinc bath by means of a moving cathode and insoluble anode. A. M. Mirzakarimov. Ukr. khim. zhur. 17 no. 5: 796-798 '51.

X RAYS—PHYSIOLOGICAL EFFECT

Decrease in the sensitivity of animals to fatal doses of X rays following irradiation with nonfatal doses. B. M. Graevskaia, R. IA. Koilina. Biofizika 1 no. 3:232-230 '56.

Early modifications in the blood serum under the action of X-rays as determined by ultraviolet spectrography. B. M. Graevskaia, B. A. Orlov. Dokl. AN SSSR 108 no. 4:623-625 Je '56.

Effect of ionizing radiation on antibody formation. V. L. Troitskii, O. V. Chakhava, N. A. Kozlova. Med. rad. 1 no. 1:49-58 Ja-F '56.

Effect of ionizing radiation on focal infection and the effectiveness of its prevention and therapy; experiments with whooping cough infection. B. N. Sofronov. Med. rad. 1 no. 2:33-40 Mr-Ap '56.

Effect of ionizing radiation on the function of digestive organs. IU. N. Usponskii. Med. rad. 1 no. 1:66-68 Ja-F '56.

Effect of ionizing radiations on the antigenic properties of proteins. L. A. Zil'ber and others. Med. rad. 1 no. 2:17-23 Mr-Ap '56.

Effect of multiple irradiation with small doses of roentgen rays on the development of immunity against Salmonella typhosa. O. V. Chakhava. Med. rad. 1 no. 2:29-32 Mr-Ap '56.

Effect of preliminary penetrating radiations on the course of bacterial toxicosis. P. N. Kiselev, E. V. Karpova. Med. rad. 1 no. 2:23-29 Mr-Ap '56.

Effect of repeated total X-ray irradiation on conditioned food reflexes in dogs. N.N.Livshits. Trudy Inst. biol fiz. no. 1:63-78 '55.

Effect of roentgen rays on catalase activity in rat tissue. G. V. Voskoboinikov. Med. rad. 1 no. 1:39-42 Ja-F '56.

Effect of X-ray irradiation and heat on the capacity of egg albumin to form complex compounds with glycogen. E. L. Rozenfel'd, E. G. Plyshevskaia. Biofizika 1 no. 2:143-145 '56.

Effect of X-ray irradiations of the cerebellar region on conditioned reflex activity in dogs. N.N.Livshits. Trudy Inst. biol. fiz. no. 1:50-62 '55.

Immunologic analysis of the state of increased resistance of the organism to ionizing irradiations. P. N. Kiselev, P. A. Buzini, K. I. Nikitina. Med. rad. 1 no. 1:43-49 Ja-F '56.

Inclusion of phosphorus in stable and labile protein compounds bound with nucleic acids in certain organs of white rats following total body roentgen irradiation. A. S. Orlov. Med. rad. 1 no. 2:65-70 Mr-Ap '56.

Modification of the ascorbic acid content of the adrenals in guinea pigs irradiated with X-rays. L. IA. Zhorno. Med. rad. 1 no. 1:79-87 Ja-F '56.

Study of the changes in the pollen of rye and spiderwort induced by X rays. L.P.Breslavets. Trudy Inst. biol. fiz. no. 1:84-90 '55.

Surgical treatment of ulcers induced with X-rays. G. A. Andrienko. Khirurgiia no. 5:66-67 My '56.

X RAYS—THERAPEUTIC USE

Roentgenotherapy of cancer of the lower lip. L. D. Zaslavskii, K. P. Bagrianskii, N. D. Anfimova. Vest. rent. i rad. 31 no. 3:31-34 My-Je '56.

X-ray therapy of traumatic ossifying periostitis in a child. K. A. Moskacheva. Vest. rent. i rad. 31 no. 3: 90-91 My-Je '56.

XEROGRAPHY

Development of xerography (electrophotography). K. S. Lialikov. Zhur. nauch. i prikl. fot. i kin. 1 no. 3:226-230 My-Je '56.

YAKUT STUDIES

Twentieth anniversary of the Yakutsk Institute of Language, Literature, and History. Izv. AN SSSR, Otd. lit. i iaz. 15 no. 3:277-279 My-Je '56.

YAKUTIA—CLIMATE

Northern paradoxes. A. Grepachevskii. Vozhatyi 32 no. 7:44-45 Jl '56.

YAKUTIA—DIAMOND MINES AND MINING

Pipe of peace. Natal'ia Kind. Sov. Soiuz no. 7:18-19 Jl '56.

YAKUTIA—GEOLOGY—SURVEYS

Lights above Chul'man. Vl. Shustikov. Ogonek 34 no. 25:7-8 Je '56.

YAKUTIA—ICE ON RIVERS, LAKES, ETC.

Fluvial beach ridges and the role of river ice in forming their microrelief (rivers of southern Yakutia). S. S. Korzhuev, D. A. Timofeev. Trudy Inst. geog. 68:60-95 '56.

YAKUTIA—MINES AND MINERAL RESOURCES

In southern Yakutia; a sketch. Boris Babliuk. Druzh. nar. no. 6:123-130 Je '56.

YAKUTIA—RESEARCH

Scientific research problems in the Yakut A. S. S. R. (meeting of the Yakut Branch of the Academy of Sciences of the U. S. S. R.). N. V. Cherskii. Vest. AN SSSR 26 no. 7:87-89 Jl '56.

YAKUTIA—RIVERS

Fluvial beach ridges and the role of river ice in forming their microrelief (rivers of southern Yakutia). S. S. Korzhuev, D. A. Timofeev. Trudy Inst. geog. 68:60-95 '56.

YAKUTSK—FLORICULTURE

Floriculture in Yakutsk. Z. E. Chugunova. Sad i og. no. 7:72-74 Jl '56.

YALTA—MOTION PICTURES

City of motion-picture miracles. V. M. Ukraina no. 13: 12 Jl '56.

YALUTOGORSK—EDUCATION—HISTORY

Schools formed by the Decembrists in Yalutorovsk. P. Voitik. Nar. obr. no. 7:94-95 Jl '56.

YANGTS'U RIVER, CHINA—BRIDGES—FOUNDATIONS AND PIERS

What's new in the construction of the bridge across the Yangts'u river. Hsü Ch'i. Nar. Kit. no. 13:17-19 Jl '56.

YANGTZE RIVER—BRIDGES—CONSTRUCTION

Bridge over the Yangtze. Kitai no. 6:23-25 Je '56.

YAROSLAVL—TANNING

We are improving leather production. P. Sorokin. Prom. koop. no. 5:20-21 My '56.

YAROSLAVL PROVINCE—AGRICULTURE

Soil, double your fertility! Mol. kolkh. 23 no. 6:10-11 Je '56.

YAROSLAVL PROVINCE—HISTORY

Academic work on the history of the U. S. S. R. in Yaroslavl. IU. N. Trykov. Vop. ist. no. 5:209-210 My '56.

YAROSLAVL PROVINCE—SILOS

Round pit silos made of slabs. P. Kulemkin. Sel'. stroi. 11 no. 7:6-7 Jl '56.

YAROSLAVL PROVINCE—SWINE BREEDING

Rotation breeding of swine. K. A. Orlov. Svinovodstvo no. 4:33-37 Je '56.

YEAST

Transformation of nitrogenous and carbohydrate fractions in concentrated and coarse feeds during fermentation by yeasts. Sh. A. Avakian and others. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 9 no. 6:3-14 Je '56.

YEISK—MINERAL WATERS

The capping and history of the Yeisk mineral spring. N. N. Slavianov. Trudy Lab. gidrogeol. probl. 1:154-170 '48.

YELLOW RIVER—REGULATION

River over the earth. Savva Kozhevnikov. Vokrug sveta. no. 6:24-28 Je '56.

YEMEN—FOREIGN RELATIONS—RUSSIA

Crown Prince of Yemen in Moscow. Ogonek 34 no. 25: 5 Je '56.

Soviet-Yemen communiqué. Nov. vrem. 14 no. 27:insert Je '56.

Soviet-Yemen friendship. Mezhdunar. zhizn' no. 7:126-127 Jl '56.

YENAN, CHINA—SOCIAL CONDITIONS

In Yenan again. He Ching-chih. Nar. Kit. no. 13:11-16 Jl '56.

YENISEY RIVER—HYDROELECTRIC POWER STATIONS

Siberian giant. V. IArosh. Tekh. mol. 24 no. 8:8-11 Ag '56.

YENISEY VALLEY—OLIGOCHAETA

Contribution to the Oligochaeta of the Yenisey Basin [with English summary in insert]. O. V. Chekanovskaia. Zool. zhur. 35 no. 5:657-667 My '56.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG WOMEN

Girl's problems. Fransuaza. Mol. mira no. 4:4 '56.

Young women's page. Mol. mira no. 6:21 '56.

YOUTH

(see also subdivision under China; France; Mexico; Near East; Pakistan; Riga)

Around the world. Mol. mira no. 4:10 '56.

Around the world. Mol. mira no. 5:14-15 '56.

Contest by "Molodezh mira" ["World youth"] in honor of the sixth festival. Mol. mira no. 6:20 '56.

Greeting the World Festival of Youth. R. Saakov. IUnost' no. 8:107 Ag '56.

Kainova, M. A., and Z. I. Krasnova. [Holiday of youth] Prazdnik molodosti. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 44 p. (Bibliioteka komsomol'skogo aktivista)

Our mail. Mol. mira no. 6:24 '56.

Somewhere in the Carpathians. V. Sh. Mol. mira no. 6: 5 '56.

This summer. Mol. mira no. 6:4 '56.

We are continuing our questionnaire about the sixth festival. Mol. mira no. 6:15 '56.

YOUTH—CONGRESSES

(see also subdivision under China; Helsinki; Moscow)

Answers to our questionnaire. Mol. mira no. 5:7 '56.

Festival of Soviet youth. Teatr 17 no. 6:102 Je '56.

Our understanding of cooperation. Mal'kol'm Nikeon. Mol. mira no. 4:3 '56.

Visiting with Jerzy Bossak. Mol. mira no. 4:11 '56.

YOUTH—HISTORY

(see also subdivision under Czechoslovakia)

Youth in the first Russian revolution. A. I. Mel'nikov. Prep. ist. v shkole 11 no. 3:28-35 My-Je '56.

YOUTH—PERIODICALS

Glorious anniversary. Chris Birch. Mol. mira no. 5:15 '56.

Our mail. Mol. mira no. 5:0 '56.

YUGOSLAV MUSIC see subdivision 'Music, Yugoslav' under Moscow

YUGOSLAVIA

Federal People's Republic of Yugoslavia. O. Arturov, M. Shafir. Otv. na. vop. (rud. no. 66:35-47 '56.

YUGOSLAVIA—AGRICULTURE, COOPERATIVE

Villagers of Dolovo choose their ways. Nikolai Drachinskii. Ogonek 34 no. 7:6-8 S '56.

YUGOSLAVIA—CHESS

Chess in Yugoslavia. O. Nedel'kovich, B. Kazhich. Shakh. v SSSR 33 no. 8:251-253 Ag '56.

YUGOSLAVIA—CHESS—TOURNAMENTS

Svetozar Gligorić, the champion of Yugoslavia. Shakh. v SSSR 33 no. 7:222 Jl '56.

YUGOSLAVIA—COMMERCE

The foreign trade of Yugoslavia. Mezhdunar. zhizn' no. 8:136-137 Ag '56.

YUGOSLAVIA—COMMERCE—RUSSIA

Soviet-Yugoslav economic cooperation. V. Vatasov. Mezhdunar. zhizn' no. 6:28-30 Je '56.

YUGOSLAVIA—CONSTITUTION

Legislation in socialist Yugoslavia ("The constitution and fundamental laws of the Federal People's Republic of Yugoslavia." Reviewed by M. Shafir). Mezhdunar. zhizn' no. 8:151-153 Je '56.

YUGOSLAVIA—CONSTITUTION (Continued)

Yugoslavia. Constitution. [Constitution and fundamental laws of the Federal People's Republic of Yugoslavia. Translated from the Serbian] Konstitutsiia i osnovnye zakonodatel'nye akty Federativnoi Narodnoi Respubliki IUgoslavii. Perevod s serbskogo. Pod red. G. I. Tunkina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 798 p.

YUGOSLAVIA—DESCRIPTION AND TRAVEL

Across Yugoslavia. V. Zakharchenko. Smena 33 no. 13:17-18 Jl '56.

Encounters in Yugoslavia. Usevalad Krauchanka. Belarus' 13 no. 8:14-15 Ag '56.

Nikitin, Petr. [Report on Yugoslavia] Reportazh o IUgoslavii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 135 p.

Through Yugoslavia. B. Timofeev. Neva no. 6:132-140 Je '56.

A trip to Yugoslavia. A. V. Darinskii. Geog. v shkole 19 no. 3:13-24 My-Je '56.

Two weeks in Yugoslavia. Usevalad Krauchanka. Biarozka 32 no. 8:12-14 Ag '56.

Varshavskii, A. S. [Notes on Yugoslavia] Zametki o IUgoslavii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 76 p.

YUGOSLAVIA—FOREIGN RELATIONS—FRANCE

Franco-Yugoslav talks. Mezhdunar. zhizn' no. 6:113-114 Je '56.

YUGOSLAVIA—FOREIGN RELATIONS—RUSSIA

Fraternal friendship between the peoples of the Soviet Union and Yugoslavia. Mezhdunar. zhizn' no. 6:3-9 Je '56.

Friendship and cooperation between the peoples of the Soviet Union and Yugoslavia. Slaviane no. 7:3-7 Jl '56.

Friendship and fraternity between the peoples of the Soviet Union and Yugoslavia. Rad. zhin. 11 no. 7: 2-3 Jl '56.

Friendship forever. Ogonek 34 no. 26:1-4 Je '56.

Friendship forever. Zmina no. 7:1-2 Jl '56.

Guests from a fraternal country. Ogonek 34 no. 25: 2-3 Je '56.

In the interests of peace and socialism. Nov. vrem. 14 no. 26:1-2 Je '56.

A new stage in the development of relations between the Federal People's Republic of Yugoslavia and the Soviet Union. V. Bakarich. Mezhdunar. zhizn' no. 6:15-22 Je '56.

Our fortunes are inseparable. Ogonek 34 no. 24:1 Je '56.

Results of the Soviet-Yugoslav talks. Nov. vrem. 14 no. 26:insert Je '56.

Soviet-Yugoslav friendship lives and grows strong. Sov. Soiuz no. 8:37 Ag '56.

The triumph of the idea of peace and friendship. Mezhdunar. zhizn' no. 7:3-8 Jl '56.

U. S. S. R. visit of the President of the Federal People's Republic of Yugoslavia, Iosip Broz Tito. Sov. Soiuz no. 7:1 Jl '56.

U. S. S. R. visit of the President of the Federal People's Republic of Yugoslavia, Marshall Iosip Broz Tito. Sov. Soiuz no. 6:3 Je '56.

YUGOSLAVIA—GEOGRAPHY—STUDY AND TEACHING

Geography in the secondary schools of Yugoslavia. B. N. Semevskii. Geog. v shkole 19 no. 3:25-28 My-Je '56.

YUGOSLAVIA—HISTORY

...riodicals dealing with ... no. 6:219-220 Je

Convention on cultural cooperation between the Soviet Union and the Federal People's Republic of Yugoslavia. Mezhdunar. zhizn' no. 6:154-155 Je '56.

Evening devoted to the friendship between the Soviet Union and Yugoslavia. Slaviane no. 7:61 Jl '56.

A fruitful exchange. Mezhdunar. zhizn' no. 6:118-119 Je '56.

Guests from Leningrad in Yugoslavia. K. Cherevkov. Ogonek 34 no. 25:4 Je '56.

Pathway of fraternal friendship. Ukraina no. 12:1-2 Je '56.

Roads of friendship. Vas. Zakharchenko. Sov. Soiuz no. 7:6-9 Jl '56.

Sevastopol'-Split. A. Bozhenko. Slaviane no. 8:44-48 Ag '56.

This is what I report. G. Borovik, A. Serbin. Ogonek 34 no. 24:5 Je '56.

Together forever. Fizk. i sport 26 no. 7:2 '56.

Visit by Soviet seamen. Ogonek 34 no. 26:26-27 Je '56.

Welcome! IA. Makarenko. Sov. pech. no. 6:42-43 Je '56.

YUGOSLAVIA—RELATIONS (GENERAL) WITH THE UKRAINE

Good-by, dear friends. Mykhailo Nidze. Ukraina no. 13:2-3 Jl '56.

YUGOSLAVIA—STATISTICS

The third annual conference of the Society of Yugoslav Statisticians. I. Pisarev. Vest. stat. no. 2:90-92 Mr-Ap '56.

YUGOSLAVIA—THEATER

Happy meetings; travel notes. A. Solodovnikov. Mezhdunar. zhizn' no. 6:107-109 Je '56.

In a fraternal country; an interview with A. K. Tarasova, people's artist of the U.S.S.R. and deputy of the U.S.S.R. Supreme Soviet. Mezhdunar. zhizn' no. 6:110-111 Je '56.

YUGOSLAVIA—WORLD WAR, 1939-1945

Heroic pages in the history of the peoples of Yugoslavia. N. Bondar'. Slaviane no. 7:8-10 Jl '56.

YUGOSLAVIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"Day of the Fighters." V. Platkovskii. Ogonek 34 no. 28:6 Jl '56.

Participants in the Yugoslav national liberation struggle speak. Slaviane no. 8:63 Ag '56.

YUZHNO-SAKHALINSK—SPORTS

Two sports seasons during the same day. Smena 33 no. 13:24 Jl '56.

ZAGORODNYI, N.

Initial victories ("The feather grass recedes"; sketches. N. Zagorodnyi. Reviewed). Druzh. nar. no. 8:185 Ag '56.

ZAGORSK—CATHEDRALS

The Cathedral of the Trinity at the Troitsko-Sergievskaya Monastery. V. Baldin. Arkhit. nas. no. 6:21-56 '56.

ZAGORSK DISTRICT—WOOD CARVING

Bogorodskoye toys. IU. Popkov. Vokrug sveta, no. 6: 44-45 Je '56.

ZAGREB, YUGOSLAVIA—STATISTICS—CONGRESSES

At the Third Annual Assembly of the Statistical Society of Yugoslavia. I. IU. Pisarev. Vest. AN SSSR 26 no. 6:107-110 Je '56.

ZAIDENMAN, IU. A.

...by IU. A. Zaidenman. E. A. Kanevskii. Zhur. ...n no. 5:1184 My '56.

...STRICT—AGRICULTURE—STUDY AND

...e party members of a district. V. Izer- ... no. 12:71-73 Je '56.

...JMOVICH, 1895-1956

...ofessor V. N. Zak, B. S. Preobrazhen- ...rin. 18 no. 4:93-94 Jl-Ag '56.

...896-1937

...i Mate Zalka. Aleksei Talvir. Druzh. ... 185 Je '56.

...OKE INDUSTRY—EQUIPMENT AND

... Zaporozh'ye Coke Chemical Plant. Koks i khim. no. 4:28-32 '56.

...RUIT ...

...st losses. B. D. Ignat'ev, I. IA. Vanek. ...32-33 Jl '56.

...DUSTRIAL HYGIENE

...r air purification. A. V. Sheleketin, ...kii. Metallurg no. 2:26-27 F '56.

...ETALLURGICAL PLANTS

...-alloy steel at the Zaporozhstal' plant. ... Marakhovskii, A. A. Podgoretskii. ...:13-15 Ap '56.

Work results of efficiency workers at the Zaporozhstal' plant. Metallurg. no. 4:27 Ap '56.

ZAPOROZHYE—OXYGEN—INDUSTRIAL APPLICATIONS

Manufacture of industrial oxygen for the intensification of metallurgical processes. S. A. Puptsev. Metallurg. no. 4:16-17 Ap '56.

ZAPOROZHYE—STEEL INDUSTRY

Carrying out the directives of the Congress. G. Fomichev, M. Onishchenko, N. Stepanenko. Nauka i zhizn' 23 no. 6:17-19 Je '56.

Organizational work is the basis for industrial successes. P. Matvitenko. Kom. Ukr. 31 no. 6:33-39 Je '56.

ZAPOROZHYE PROVINCE—AGRICULTURE—ECONOMIC ASPECTS

Let's make use of economic indexes in practical work. I. Sidel'nikov. Kolkh. proizv. 16 no. 7:7 Jl '56.

ZARAISK—ANTIQUITIES

An unknown monument of Russian architecture from the beginning of the 18th century. I. Untilov. Arkhit. nas. no. 6:147-149 '56.

ZARAKHOVICH, E.

Return to life ("Eaglet," E. Zarakhovich. Reviewed by A. Novikov). Sots. obesp. 17 no. 3:58-60 Mr '56.

ZARAMUKOVA, KARA BALIUKHOVNA, 1917-

Witness of the 1956 revolt. Ogonek 34 no. 25:32 Je '56.

ZARDABI

Some unknown articles of Gasym-Bek Melikov (Zardabi) [in Azerbaijani with summary in Russian]. Z. M. Geiushev. Dokl. AN Azerb. SSR 12 no. 6:357-361 '56.

ZARKENT—BOARDING SCHOOLS

Boarding school. Druzh. nar. no. 6:137 Je '56.

ZBARSKII, FELIKS

F. Zbarskii's illustrations of western drama. Teatr 17 no. 6:175-177 Je '56.

ZDRAVNITSA—SUMMER RESORTS

Summer resort of "Zdravnitsa." Z. Rozenfel'd. Arkhit. i stroi. Musk. 5 no. 8:30-30 Ag '56.

ZELINSKII, NIKOLAI DMITRIEVICH, 1861-1953

Nikolai Dmitrievich Zelinskii; on the 90th anniversary of his birthday. A. I. Kiprianov. Ukr. khim. zhur. 17 no. 1: 43-49 '51.

Outstanding scientific worker. M. Turova-Poliak. Sov. mor. 16 no. 3:22 F '56.

ZEMLIAK, IAKUB

It's indeed not a sin to laugh. S. Stanl'. Kirgizstan 17 no. 4:75-78 Jl-Ag '56.

ZERAVSHAN VALLEY—BATS

Hibernation of bats in the Zeravshan Valley. O. P. Bagdanov. Zool. zhur. 35 no. 7:1097-1099 Jl '56.

ZERAVSHAN VALLEY—EXCAVATIONS (ARCHAEOLOGY)

Preliminary information on the works of the upper Zeravshan Valley group in 1953. A. M. Mandel'shtam. Dokl. AN Tadzh. SSR no. 11:31-37 '54.

ZEROMSKI, STEFAN, 1864-1925

Mickiewicz and Zeromskii. V. V. Vitt. Lit. slav. nar. no. 1:65-82 '56.

ZEYA-BUREYA PLAIN—SOILS

Soils of the Zeya-Bureya Plain and problems of their genesis [with German summary in insert]. IU. A. Liverovskii, L. P. Rubtsova. Pochvovedenie no. 5:1-16 My '56.

ZHANATS'KYI, IURII

"Among good people." IUrii Zhanats'kyi. Reviewed by P. Utevskaia. Sov. Ukr. 6 no. 6:181-183 Je '56.

ZHASHKOV (CHERKASSY PROVINCE)—RADIO STATIONS

A radio center at a machine-tractor station. Va. Vieska. Ukraina no. 11:20 Je '56.

ZHDANOV—BLAST FURNACES

Carbon fettling of runners in blast furnaces. M. K. Vasil'ev. Metallurg no. 1:20 Ja '56.

ZHDANOV—EVENING AND CONTINUATION SCHOOLS

Work practice of a Zhdanov evening technical school. K. G. Dontsova. Sred. spets. obr. no. 7:43-46 Jl '56.

ZHDANOV—METALLURGICAL PLANTS

Data on the operations of the 1955 "Azovstal" plant and its tasks for 1956. IA. P. Kulikov. Metallurg. no. 4: 3-5 Ap '56.

High-speed smelting of steel from high-phosphorus pig iron. F. F. Sviridenko, B. A. Sharov, L. G. Fetisov. Metallurg no. 3:28-32 Mr '56.

Work practices of the heat inspectors in the Department of Technical Inspection of the "Azovstal'" plant. V. V. Trofimov. Metallurg no. 6:26-28 Je '56.

ZHDANOV—OPEN-HEARTH FURNACES

Intensification of steel smelting by oxygen. G. A. Podol'skaia, V. A. Makovskii. Metallurg no. 6:17-19 Je '56.

ZHDANOV—TECHNICAL EDUCATION

Vocational school helps the secondary school. I. Pantotov, S. Erofeev. Prof. tekh. obr. 13 no. 6:18-19 Je '56.

ZHDANOV (SHIP)

"Countercurrent," a mechanical stoker for marine boilers. P. P. Kulikovskii. Rech. transp. 15 no. 6:26-28 Je '56.

ZHELEZNOVODSK—MINERAL WATERS

Zheleznovodsk mineral springs and methods of increasing mineral water resources. N. N. Slavianov. Trudy Lab. gidrogeol. probl. 1:132-153 '48.

ZHIDELI-UZEN' VALLEY—STONE AGE

Neolithic discoveries in the region of Baykonur and the Tamdy River. V. F. Petrun'. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 1:172-181 '56.

ZHIGAREV, L.

Journey to the building site ("Beginning of a century." L. Zhigarev. Reviewed by M. Arlazorov). Novyi mir 32 no. 9:271-272 S '56.

ZHIRNOVSKAIA—PETROLEUM PRODUCTS

Analysis of the composition of gasoline produced from Zhirnovskaia petroleum. V. G. Nikolaeva, K. I. Zimina, A. A. Poliakova. Khim. i tekh. topl. no. 2:23-26 F '56.

ZHITOMIR PROVINCE—POTATOES

Potato growing on collective farms of Zhitomir Province. S. S. Luniak. Kartofel' no. 2:7-10 My-Je '56.

ZHLOBIN DISTRICT—COLLECTIVE FARMS

Activity of communists is the real strength of party organizations. I. Shevlsov. Komun. Bel. 29 no. 8:25-28 Ag '56.

ZHUKOVSKII, NIKOLAI EGOROVICH, 1847-1921

N. E. Zhukovskii and the teaching of mechanics. I. N. Veselovskii. [Trudy] MVTU no. 50:9-26 '56.

ZINC

Use of dithizone in the colorimetric determination of zinc in drinking water. M. D. Manita. Trudy Kom. anal. khim. 7:194-200 '56.

ZINC—ELECTROMETALLURGY

Regulating the feed of neutral electrolytes in electrolytic baths used in the zinc industry. I. L. Peisakhov, V. F. Denisov. TSvet. met. 29 no. 6:35-41 Je '56.

Separation of cobalt during electrolysis of zinc solutions. Z. A. Sheka. Ukr. khim. zhur. 22 no. 3:394-400 '56.

ZINC ALLOYS

Solubility of zinc in metallic compounds $Cu_2Mg$ and $Cu_2Cd$. E. I. Gladyshevskii, P. I. Kripiakevich. Izv. Sekt. fiz.-khim. anal. 27:209-211 '56.

ZINC FLUORIDE

Electron diffraction study of the structure of the $ZnF_2$ molecule. P. A. Akishin, V. P. Spiridonov, V. A. Naumov. Zhur. fiz. khim. 30 no. 4:951-953 Ap '56.

ZINC INDUSTRY see subdivision under Canada

ZINC PLATING

Separation of antimony during the electrodeposition of zinc. Z. A. Sheka. Ukr. khim. zhur. 22 no. 3:387-393 '56.

X-ray study of cathodic zinc deposits obtained from a zinc bath by means of a moving cathode and insoluble anode. A. M. Mirzakarimov. Ukr. khim. zhur. 17 no. 5 796-798 '51.

ZINC SALTS

Interaction of zinc salts with thiosulfate and rhodanide ions. M. S. Novakovskii, M. G. Mushkina. Ukr. khim. zhur. 22 no. 3:313-319 '56.

ZINC SULFATE

Interaction of zinc sulfate with thallium and cesium halides in melts. N. P. Luzhnaia, I. P. Vereshchetina. Izv. Sekt. fiz.-khim. anal. 27:285-295 '56.

ZINKENITE

Discovery of the rare mineral zinkenite. D. I. Gorzhevskii. Min. sbor. no. 8:313-314 '55.

ZIRCONIUM—METALLURGY

Investigating the iodide technique used for zirconium purification. V. S. Emel'ianov, P. D. Bystrov, A. I. Evstiukhin. Atom. energ. no. 3:122-131 '56.

ZIRCONIUM CARBIDES

Certain physicochemical properties of zirconium-carbon alloys. G. V. Samsonov, N. S. Rozinova. Izv. Sekt. fiz.-khim. anal. 27:126-132 '56.

ZMIYEV DISTRICT—BOTANY

New and rare plants for Kharkov Province, Ukrainian S. S. R. I. G. Zoz. Bot. zhur. 41 no. 4:575-578 Ap '56.

ZOLOTONOSHA DISTRICT—FORESTS AND FORESTRY

Progressive Zolotonosha Working Circle. A. V. Nenarokomov. Les. khoz. 9 no. 6:70-73 Je '56.

ZOOLOGICAL MUSEUMS see subdivision under Chernukha

ZOOLOGICAL RESEARCH see subdivision under China

ZOOLOGY

(see also subdivision under Albania; Ukraine)

Scientific conference and zoological activity of the Kazan branch of the Academy of Sciences of the U. S. S. R. M. S. Giliarov. Zool. zhur. 35 no. 7:1112 Jl '56.

ZOOLOGY—ECOLOGY

Behavior as a factor in the process of evolution. P. I. Markovskii. Izv. AN Kir. SSR no. 1:121-140 '55.

ZOOLOGY—STUDY AND TEACHING

Akademiia nauk SSSR. Zoologicheskii institut. [Aids for zoological research in the field and laboratory] V pomoshch' rabotaiushchim po zoologii v pole i laboratorii. Moskva,
Vol. 1. [n. d.] 1 v.
Vol. 2. [1955] 1 v.
(DA)

Some experiments with infusoria. G. G. Lavin. Est. v shkole no. 4:84-85 Jl-Ag '56.

ZOOPLANKTON see subdivision under Black Sea; Dnieper River; Ukraine

ZVENIGOROD—POTTERY, PRIMITIVE

Sepulcher in the village of Zvenigorod, Lvov Province; the band ceramic culture. I. K. Sveshnikov. Krat. soob. IIMK no. 63:57-69 '56.

THE LIBRARY OF CONGRESS

# Bibliographies and Reference Works Pertaining to the Soviet Union

**Knizhnaia Letopis'** (national bibliography of the Soviet Union). On microfilm.

Weekly issues. 1947–1955 complete.

Imennoi ukazatel' (name index). 1947–1949, 1951.

Vspomogatel'nye ukazateli (supplementary index). 1950, 1952–1954, Apr.–Sept., 1955.

Ukazatel' serii (series index). 1947–1953.

Positive microfilm copies are for sale at $220 for the set. Orders should be directed to the Photoduplication Service, Library of Congress, Washington 25, D. C. A cost estimate for any portion of the file may be obtained from the Service upon request.

**Guide to Soviet Bibliographies.** A Selected List of References. Compiled by John T. Dorosh. 1950. v, 158 p. Price $1.30. L. C. Card, 50-62955

Lists separately published bibliographies issued since 1917 in Russian or relating to Russia and available in the Library of Congress. Contents: Bibliography (theory, history, use). Bibliography of bibliographies. General bibliographies. Children's books. Dissertations. Films. Periodicals and newspapers. Agriculture—plant and animal industry. Education. Fine arts. Geography. Anthropology. Folklore. History. Archaeology. Language and literature. Law. Medicine. Military affairs. Music. Philosophy. Religion. Political science. Science. Social sciences. Technology. Author and subject indexes.

**Russian, Ukrainian and Belorussian Newspapers, 1917–1953.** A Union List. Compiled by Paul L. Horecky. 1953. xi, 218 p. Price $1.45. L. C. Card, 54-60001

Lists 859 Russian, Ukrainian and Belorussian newspapers issued since January 1, 1917, within the territory of the present U. S. S. R. and which were in the possession of libraries in the United States as of May 1953. Holdings of each library are listed separately by year, the degree of completeness being indicated after each year by symbols. Material arranged by place of publication, and alphabetical index of titles included at end of list.

**Bibliography of Translations from Russian Scientific and Technical Literature.** Monthly. October 1953– Price of single copy $0.25; subscription price $3.00 a year. L. C. Card, 53-60044

Lists translations from Russian which have been deposited with, or loaned to, the Scientific Translations Center, Science Division, by government agencies, scientific societies, industrial laboratories, universities, and other organizations. Listings are arranged alphabetically by author under broad subject headings. Microfilms or photostat copies of such translations may be ordered from the Photoduplication Service, Library of Congress.

**Study and Teaching of Slavic Languages.** A Selected List of References. Compiled by John T. Dorosh. 1949. vi, 97 p. Price $0.65. L. C. Card, 49-45940

Partly annotated bibliography of publications suitable as material for the study and teaching of Bulgarian, Czech, Polish, Russian, Church Slavic, Serbo-Croatian, Slovak, Slovenian, Ukrainian, White Russian and other Slavic languages. Arranged by language, under the following headings: Periodicals, societies, etc. General works. Study and teaching. Grammar. Readers and chrestomathies. Conversation and phrase books. Phonology. Orthography. Morphology. Inflection and accidence. Parts of speech. Syntax and style. Versification. Etymology. Dictionaries. Dialects.

**Soviet Geography.** A Bibliography. Edited by Nicholas R. Rodionoff. 1951. xx, 668 p. In two parts. Part 1: U. S. S. R.—Geography by Subject. Price $2.35. Part 2: Administrative, Natural and Economic Regions. Price $2.25. L. C. Card, 51-62891

Extensive bibliography listing over 4,000 titles of the important works on the geography of the Soviet Union, most of which have been published since 1917. Contents: *Part 1.* Geographical science. General descriptions. Expeditions, explorations, and discoveries. Historical geography. Physical geography. Economic geography. Political and military geography. Atlases and cartography. Bibliography and biobibliography. *Part 2.* Russian Soviet Federated Socialist Republic. Karelian S. S. R. Baltic Constituent Republics. White Russian S. S. R. Moldavian S. S. R. Ukrainian S. S. R. Transcaucasian Constituent Republics. Kazakh S. S. R. Asiatic Constituent Republics. Author and subject indexes.

**Electric Power Industry of the U. S. S. R.** An Annotated Bibliography. Prepared by J. D. Philippoff with the assistance of Elizabeth G. Dorosh and N. R. Rodionoff. 1952. xi, 154 p. Price $1.00. L. C. Card, 52-60041

Contents: Bibliographies and indexes. Periodicals. Transactions. General reference publications. Power engineering. Economics and operation. Steam-power engineering equipment. Hydro-power engineering and equipment. Electric power equipment. System control and protection. Power transmission. Power distribution. Individual power plants, systems, and projects by regions. Electrification and economic planning. Author and subject indexes.

**Soviet Transportation and Communications.** A Bibliography. Compiled by Renee S. Janso. 1952. xv, 330 p. Price $2.25. L. C. Card, 52-60024

Contents: *Transportation*—General. Regional studies. Guidebooks. Maps and atlases. Encyclopedias. Asiatic Russia. Railroads. Maritime transportation. Inland waterways. Highways and roads. Airways. Other forms of transportation. *Communications*—General information. Handbooks, manuals, etc. Postal service. Telegraph. Telephone. Radio. Radar. Neighboring countries. Legislation. Dictionaries. Author index.

**Manufacturing and Mechanical Engineering in the Soviet Union.** A Bibliography. Compiled by Gisella R. Luchnan. 1953. 234 p. Price $1.60. L. C. Card, 53-60040

Contents: General information. Industrial management. Principles of mechanical engineering. Machine elements. Machine shops. Metal cutting. Machine tools and tools. Surfaces. Rolling and rolling mills. Founding and foundries. Pattern-making machinery. Forging, stamping, punching and pressing work and equipment. Metallography. Heat treatment. Electricity in metal working. Welding. Electric and gas welding and cutting. Woodworking machinery. Hydraulic machinery. Pneumatic machinery. Filters and separators. Centrifuges. Steam engineering. Miscellaneous engines. Hoisting and conveying machinery. Factory transportation. Excavators. Precision machinery and instruments. Standards and standardization. Periodicals and serial publications. Handbooks. Encyclopedias. Catalogs, price-lists and directories. Dictionaries. Bibliographies and biobibliographies. Author index.

**Aeronautical Sciences and Aviation in the Soviet Union.** A Bibliography. Compiled by Bertha Kucherov. 1955. xx, 274 p. Price $2.00. L. C. Card, 55-60018

Contents: Aerodynamics. Propulsion. Materials. Strength of materials. Theories of elasticity, plasticity, and structures. Vibration, flutter, etc. Aircraft design. Aircraft modelling. Experimentation. Aircraft manufacturing. Equipment. Instruments. Automatic control. Electronics. Aerial photography. Fuels and lubricants. Maintenance and repair. Operating problems. Meteorology. Astronavigation. Parachutes. Gliders. Lighter-than-air, rotating-wing, and water-borne aircraft. Military aviation. Air law. Scientific research institutions. Airports and air lines. Aircraft designers, pilots, specific airplanes. General works. Textbooks. Dictionaries, terminology, etc. Bibliographies.

**Russian Abbreviations.** A Selective List. Compiled by Alexander Rosenberg. 1952. vii, 128 p. Price $0.85. L. C. Card, 52-60034

Lists the more important abbreviations commonly used in Russian texts, based on Russian periodicals, books, and documents covering the period 1930–1951. Full expansions and English translations are given for all abbreviations.

(For sale by Card Division, Library of Congress, Washington 25, D. C., except Knizhnaia Letopis')

U. S. GOVERNMENT PRINTING OFFICE : 1957 O - 412071

box

# Monthly List
## *of*
# Russian Accessions




Vol. 9, No. 10 January 1957

THE LIBRARY OF CONGRESS
WASHINGTON : 1957

# INTRODUCTORY NOTE

The MONTHLY LIST OF RUSSIAN ACCESSIONS is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions List.*

The MONTHLY LIST consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this LIST by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals with their tables of contents translated into English. However, accessions printed earlier than 1947 are not included.

Part C is a subject guide to both the monographs and periodical articles listed in Parts A and B. Monographs are listed under the appropriate subject headings first, followed by the periodical articles. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only. In citing periodical articles the following abbreviations are used for the months of the year:

| | | | | | |
|---|---|---|---|---|---|
| Ja | January | My | May | S | September |
| F | February | Je | June | O | October |
| Mr | March | Jl | July | N | November |
| Ap | April | Ag | August | D | December |

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5 : 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii,* vol. 30, no. 5, pages 8–12.

A list of periodicals included in the current issue, with abbreviations used, is given at the beginning of Part C in each issue of the LIST. The number and letter in parentheses following each periodical title indicate the class and subclass in which it is to be found in Part B. Cumulative lists of periodicals included in the current volume appear in numbers 6 and 12 of that volume. These lists are arranged by subject; the symbols of American libraries other than the Library of Congress, known to have current files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols * representing other libraries indicate when items are available in those li
a symbol indicate that at the time of receipt the material was availa
in the Library of Congress.

A cumulative author, subject, and periodical location index to
MONTHLY LIST is available as a separate publication. Beginr
index to the monographs, and a periodical location index for the
appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items th
Library of Congress may be placed with the Photoduplication Servi
ington 25, D. C.

The MONTHLY LIST OF RUSSIAN ACCESSIONS is fo
Documents, U. S. Government Printing Office, Washington 25, D. (

Price of single copies varies; subscription price, $9.00 a year
Price of Cumulative Index to Volumes 1–3, $1.50.

U. S. SUPT. OF DOCS

## *SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS*

| | |
|---|---|
| AU | University of Alabama, University |
| An-C-TU | Obsolete *see* CaOTU |
| CCP | Pomona College, Claremont, Calif. |
| CLCL | Los Angeles County Law Library |
| CLCM | Los Angeles County Museum, Los Angeles |
| CLSU | University of Southern California, Los Angeles |
| CLU | University of California at Los Angeles |
| CPT | California Institute of Technology, Pasadena |
| CSt | Stanford University, Palo Alto, Calif. |
| CSt-H | Hoover Institute and Library on War, Revolution and Peace, Palo Alto, Calif. |
| CStmoR | Rand Corporation, Santa Monica, Calif. |
| CU | University of California, Berkeley |
| CaOON | National Research Council, Ottawa |
| CaOOS | Dominion Bureau of Statistics, Ottawa |
| CaOTU | University of Toronto, Toronto, Canada |
| CtY | Yale University, New Haven, Conn. |
| DA | U. S. Department of Agriculture |
| DAFM | Armed Forces Medical Library, Washington, D. C. |
| DBS | U. S. Bureau of Standards |
| DDO | Dumbarton Oaks Research Library of Harvard University |
| DH | U. S. National Institutes of Health Library, Bethesda, Md. |
| DI | U. S. Department of the Interior Library |
| DI-GS | —Geological Survey Library |
| DN | U. S. Department of the Navy |
| DN-RL | Naval Research Laboratory, Washington, D. C. |
| DS | U. S. Department of State |
| DSG | Obsolete *see* DAFM |
| DSI | Smithsonian Institution |
| DWB | U. S. Weather Bureau, Washington, D. C. |
| FU | University of Florida, Gainesville |
| GAGT | Georgia Institute of Technology, Atlanta |
| ICJ | John Crerar Library, Chicago |
| ICMILC | Midwest Inter-Library Center, Chicago |
| ICN | Newberry Library, Chicago |
| ICU | University of Chicago |
| IEN | Northwestern University, Evanston, Ill. |
| IU | University of Illinois, Urbana |
| InAS | Iowa State College, Ames |
| InU | State University of Iowa, Iowa City |
| InLP | Purdue University, Lafayette |
| InNd | University of Notre Dame, Notre Dame, Ind. |
| InU | Indiana University, Bloomington |
| KU | University of Kansas, Lawrence |
| LU | Louisiana State University, Baton Rouge |
| MB | Boston Public Library |
| MBU | Boston University |
| MCM | Massachusetts Institute of Technology, Cambridge, Mass. |
| MH | Harvard University, Cambridge, Mass. |
| MH-F | —Farlow Reference Library |
| MH-L | —Law School |
| MH-P | —Peabody Museum |
| MH-PR | —Physics Research Library |
| MdBJ | Johns Hopkins University, Baltimore |
| MeB | Bowdoin College, Brunswick |
| MiD | Detroit Public Library |
| MiDW | Wayne University, Detroit |
| MiEM | Michigan State College, East Lansing |
| MiU | University of Michigan, Ann Arbor |
| MiU-L | —Law Library |
| MnU | University of Minnesota, Minneapolis |
| MoKL | Linda Hall Library, Kansas City |
| MoU | University of Missouri, Columbia |
| N | New York State Library, Albany |
| NBC | Brooklyn College, Brooklyn |
| NGrnUN | Obsolete *see* NNUN |
| NIC | Cornell University, Ithaca, N. Y. |
| NN | New York Public Library |
| NNC | Columbia University, New York |
| NNC-M | Medical Library |
| NNC-T | Teachers College |
| NNIS | Library for Intercultural Studies, New York |
| NNM | American Museum of Natural History, New York |
| NNR | Russell Sage Foundation College of the City of New York |
| NNU-W | New York University, Washington Square Library |
| NNUN | United Nations Library, New York |
| NRU | University of Rochester, Rochester |
| NSyU | Syracuse University |
| NcD | Duke University, Durham, N. C. |
| NcGW | Women's College of the University of North Carolina, Greensboro |
| NcRS | North Carolina State College of Agriculture and Engineering, Raleigh |
| NcU | University of North Carolina, Chapel Hill |
| Nh | New Hampshire State Library, Concord |
| NhD | Dartmouth College, Hanover, N. H. |
| NjI | Irvington Free Public Library, N. J. |
| NjP | Princeton University, Princeton, N. J. |
| OCH | Hebrew Union College, Cincinnati |
| OCU | University of Cincinnati, Cincinnati |
| OCl | Cleveland Public Library |
| OClW | Western Reserve University, Cleveland |
| OCoB | Battelle Memorial Institute Library, Columbus |
| OMxM | Miami University, Oxford |
| OSte | Carnegie Public Library, Steubenville |
| OU | Ohio State University, Columbus |
| OkU | University of Oklahoma, Norman |
| OrCS | Oregon State College, Corvallis |
| OrU | University of Oregon, Eugene |
| P | Pennsylvania State Library, Harrisburg |
| PBm | Bryn Mawr College, Bryn Mawr, Pa. |
| PHC | Haverford College, Haverford |
| PP | Free Library of Philadelphia |
| PPAN | Academy of Natural Sciences, Philadelphia |
| PPAmP | American Philosophical Society, Philadelphia |
| PPC | College of Physicians and Surgeons of Philadelphia |
| PPCP | Obsolete *see* PPC |
| PPDrop | Dropsie College for Hebrew and Cognate Learning, Philadelphia |
| PPPM | Philadelphia Museum of Art |
| PPT | Temple University, Philadelphia |
| PPWI | Wistar Institute of Anatomy and Biology, Philadelphia |
| PSC | Swarthmore College, Swarthmore |
| PSt | Pennsylvania State University, State College |
| PU | University of Pennsylvania, Philadelphia |
| PU-El | —Moore School of Electrical Engineering |
| PU-FA | —School of Fine Arts |
| PU-Math | —Mathematics Research Library |
| PU-Mu | —University Museum |
| PU-P | —Department of Physics |
| PU-Penn | —Penniman Library of Education |
| PU-Sc | —Towne Scientific School |
| RPB | Brown University, Providence, R. I. |
| TU | University of Tennessee, Knoxville |
| TxHR | Rice Institute Library, Houston |
| TxU | University of Texas, Austin |
| ViU | University of Virginia, Charlottesville |
| VtMiM | Middlebury College, Middlebury, Vt. |
| VtMidbC | Obsolete *see* VtMiM |
| WU | University of Wisconsin, Madison |
| WaU | University of Washington, Seattle |
| WvU | West Virginia University, Morgantown |

L. C. card, 48-46562

# MONTHLY LIST OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 9, NO. 10 JANUARY 1957

## TABLE OF CONTENTS

### Part A—Monographic Works

| | Page |
|---|---|
| 1. General and Reference Works | 2075 |
| 2. Bibliography | 2075 |
| 3. Philosophy & Religion | 2075 |
| 4. History | 2075 |
| 5. Social Sciences | 2076 |
| 6. Political Science | 2078 |
| 7. Law | 2078 |
| 8. Education | 2079 |
| 9. Music, Theater & Motion Pictures | 2079 |
| 10. Fine Arts | 2079 |
| 11. Language, Literature & Folklore | 2080 |
| 12. Geography & Geology | 2082 |
| 13. Science | 2083 |
| 14. Medicine | 2085 |
| 15. Agriculture | 2085 |
| 16. Technology | 2087 |
| 17. Military & Naval Sciences | 2093 |

### Part B—Periodicals

| | |
|---|---|
| 1. General | |
| *a.* Scholarly journals | 2094 |
| *b.* Popular magazines | 2101 |
| 2. Bibliography | |
| *a.* Bibliography | 2104 |
| *b.* Libraries & library science | 2104 |
| *c.* Printing & the book trade | 2104 |
| 3. Philosophy & Religion | |
| *a.* Philosophy | 2105 |
| *b.* Religion | 2105 |
| 4. History | |
| *a.* General | 2105 |
| *b.* Archeology & antiquities | 2107 |
| 5. Social Sciences | |
| *a.* Commerce | 2107 |
| *b.* Economics | 2108 |
| *c.* Finance | 2108 |
| *d.* Labor | 2108 |
| *e.* Sociology | 2109 |
| 6. Political Science | 2111 |
| 7. Law | 2113 |
| 8. Education | |
| *a.* General | 2114 |
| *b.* Physical education & games | 2116 |

| | Page |
|---|---|
| 9. Music, Theater & Motion Pictures | |
| *a.* Motion pictures | 2116 |
| *b.* Music | 2117 |
| *c.* Theater | 2117 |
| 10. Fine Arts | |
| *a.* General | 2117 |
| *b.* Architecture | 2118 |
| 11. Language, Literature & Folklore | |
| *a.* Language | 2118 |
| *b.* Literature & folklore | 2119 |
| 12. Geography & Geology | |
| *a.* Ethnology | 2123 |
| *b.* Geography | 2123 |
| *c.* Geology & paleontology | 2124 |
| 13. Science | |
| *a.* General | 2125 |
| *b.* Astronomy | 2131 |
| *c.* Biology | 2133 |
| *d.* Chemistry | 2138 |
| *e.* Mathematics | 2142 |
| *f.* Physics | 2142 |
| 14. Medicine | |
| *a.* General | 2143 |
| *b.* Gynecology, obstetrics & pediatrics | ..... |
| *c.* Neurology & psychiatry | ..... |
| *d.* Ophthalmology & otorhinolaryngology | ..... |
| *e.* Pathology & therapeutics | 2146 |
| *f.* Pharmacy & materia medica | 2147 |
| *g.* Public health & nursing | 2148 |
| *h.* Surgery & dentistry | 2149 |
| *i.* Venereology & dermatology | 2150 |
| 15. Agriculture | |
| *a.* General | 2150 |
| *b.* Animal industry | 2153 |
| *c.* Forestry | 2156 |
| *d.* Plant culture | 2156 |
| 16. Technology | |
| *a.* General | 2158 |
| *b.* Aeronautics | 2160 |
| *c.* Chemical technology | 2160 |
| *d.* Civil & construction engineering | 2163 |
| *e.* Electrical engineering | 2166 |
| *f.* Industries & trades | 2169 |
| *g.* Mechanical engineering | 2171 |
| *h.* Mining & metallurgy | 2175 |
| 17. Military & Naval Sciences | |
| *a.* Military science | 2179 |
| *b.* Naval science | 2180 |
| **Part C—List of Periodicals and Abbreviations Used** | 2181 |
| **Subject Index to Monographs and Periodicals Listed in Parts A and B** | 2187 |

## 1. GENERAL & REFERENCE WORKS

[CALENDAR (ALMANAC) FOR 1945] Kalendar' al'manakh na 1945 rik. New York, Nakl. "Surma Book and Music Co. [n.d.] 128 p.

[GREAT SOVIET ENCYCLOPEDIA] Bol'shaia sovetskaia entsiklopediia. Glav. red. B. A. Vvedenskii. Chleny glav. red. N. N. Anichkov i dr. Izd. 2-oe. [Moskva] Gos. nauch. izd-vo "Bol'shaia sovetskaia entsiklopediia."
Vol. 43. Topsel' - Uzhen'e [1956] 660 p.

## 2. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR, Biblioteka. [Main points of reports at a scientific conference entitled "Scientific and cultural relations of the Library of the U. S. S. R. Academy of Sciences with non-Soviet Asiatic countries"] Tezisy dokladov na nauchnoi konferentsii "Nauchnye i kul'turnye sviazi Biblioteki Akademii nauk SSSR so stranami zarubezhnogo Vostoka." Leningrad, 1955. 17 p.

BOGATOVA, G.P. [Let us develop the natural resources of Siberia and the Far East; a talk about books] Osvoim prirodnye bogatstva Sibiri i Dal'nego Vostoka; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1956. 20 p. (Za novye uspekhi v ekonomicheskom stroitel'stve. XX s"ezd KPSS)

KARATYGIN, F.I. [The work of rural libraries in aiding farm production; problems of organization and method] Rabota bibliotek na sele v pomoshch' kolkhoznomu proizvodstvu; voprosy organizatsii i metodiki. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 39 p.

[LIST OF DUPLICATES IN THE LIBRARY OF THE U. S. S. R. ACADEMY OF SCIENCES OFFERED FOR EXCHANGE] Spisok dubletnoi literatury biblioteki AN SSSR, predlagaemoi po knigoobmenu. [Leningrad, Izd-vo Akademii nauk SSSR, 1956] 29 p.

POPOTAPOV, M. A., ed. [Aids for librarians in public libraries; a classified collection of articles from the journal "Bibliotekar."] V pomoshch' rabotnikam massovykh bibliotek; sistematicheskii sbornik statei zhurnala "Bibliotekar'." Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1955. 467 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo kul'tury. [Publicizing technical literature in libraries; papers at the inter-republic conference-seminar of library workers held at Kharkov, December 20-24, 1955] Propaganda tekhnicheskoi literatury v bibliotekakh; materialy mezhrespublikanskogo soveshchaniia-seminara bibliotechnykh rabotnikov v g. Khar'kove 20-24 dekabria 1955 goda. Moskva, Izd. Gos. biblioteki SSSR im. V. I. Lenina, 1956. 139 p.

VSESOIUZNAIA KNIZHNAIA PALATA. [Index of periodical publications in the U.S.S.R. New, renamed, and discontinued periodicals and newspapers from January 1955 to April 1956] Letopis' periodicheskikh izdanii SSSR; novye, pereimenovannye i prekrativshiesia zhurnaly i gazety s 1 ianvaria 1955 g. po 1 aprelia 1956 g. Moskva, 1956. 27 p.

VSESOIUZNAIA TORGOVAIA PALATA. Otdel perevodov. [A list of translations made by the Translation Section of the All-Union Trade Bureau from 1950 to 1954] Perechen' perevodov, vypolnennykh Otdelom perevodov Vsesoiuznoi torgovoi palaty za 1950-1954 gg. Moskva.
Sec. 3. [Engines, automobiles, motorcycles, bicycles, compressors] Dvigateli, avtomobili, mototsikly, velosipedy, kompressory. 1955. 8 p.
Sec. 4. [Power engineering, electrical equipment and instruments, electronics, radio, motion pictures, television, photography, illumination engineering] Energetika, elektrooborudovanie i pribory, elektronika, radio, kino, televidenie, foto, svetotekhnika. 1955. 20 p.
Sec. 5. [Chemistry and chemical analysis, chemical technology and apparatus, chemical industry] Khimiia i khimicheskii analiz, khimicheskaia tekhnologiia i apparatura, khimicheskaia promyshlennost'. 1955. 27 p.
Sec. 6. [Physics] Fizika. 1955. 3 p.
Sec. 7. [Geology, petroleum industry, coal mining, gasification, gas and synthetic fuel, coal preparation] Geologiia, neftianaia, gorno-ugol'naia promyshlennost', gazifikatsiia, gazovye i iskusstvennye topliva, obogashchenie. 1955. 20 p.
Sec. 8. [Building, building materials, sanitary engineering] Stroitel'stvo, stroitel'nye materialy, santekhnika. p. 1955. 11 p.

## 3. PHILOSOPHY & RELIGION

[COLLECTION OF HYMNS OF THE EVANGELICAL CHRISTIAN BAPTIST CHURCH] Sbornik dukhovnykh pesen Evangel'skikh khristian-baptistov. Moskva, Izd. Vses. soveta Evangel'skikh khristian-baptistov, 1956. 402 p.

FORTUNATOV, G. A. [Teaching psychology in pedagogical schools] O prepodavanii psikhologii v pedagogicheskikh uchilishchakh. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenitia RSFSR, 1951. 41 p.

PROKOF'EV, V. I. [The origin of religic
God; printed by the jury of the conter
popular atheistic and natural scien
by the All-Union Society] Voznik--
v Boga; pechataetsia po resheniiu
luchshuiu populiarnuiu nauchno-
stvenno-nauchnuiu broshiuru, p
nym obshchestvom. Moskva, Iz
39 p. (Vsesoiuznoe obshchestvo
politicheskikh i nauchnykh znani

RAMM, B.IA. [The Vatican today] S
Leningrad, Vses. ob-vo po raspr
nauchn. znanii, Leningradskoe ot

RUSSIA (1917- R.S.F.S.R.) Glavn
i srednikh pedagogicheskikh uche
grams of pedagogical schools] pay
pedagogicheskikh uchilishch; pail
uchebno-pedagog. izd-vo Ministe
RSFSR, 1956. 12 p.

THERESE, SAINT. [The story of a s
Povest' ob odnoi dushe, siu samo
revod], 8 predisl. V.N.Il'ina. [n.p
svet mira [1955?] 343 p.

## 4. HISTORY

AKADEMIIA NAUK ARMIANSKOI SSR, Erevan. Institut istorii. [Minor chronicles from the 13th to the 18th century] Melkie khroniki XIII-XVIII vv. Sost. V.A. Akopian. Erevan, (Materialy po istorii armianskogo naroda, kn. 7) [In Armenian.]
Vol. 2. 1956. 683 p.

BODROV, M. P. [Military newspapers of the Bolsheviks during the first Russian revolution] Bol'shevistskie voennye gazety v gody pervoi russkoi revoliutsii. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 172 p.

BOGUTSKAIA, L. V. [Historical sketches of armed uprisings during the revolution of 1905-1907] Ocherki po istorii vooruzhennykh vosstanii v revoliutsii 1905-1907 gg. Pod red. A. M. Pankratovoi. Moskva, Gos. izd-vo polit. lit-ry, 1956. 213 p.

BÜGD NAIRAMDAKH MONGOL ARD ULSYN TÜÜKH. Ulaanbaatar, Ulsun khevlel, 1955. 542 p.
[In Mongolian.]

CHILDE, V. GORDON. [New light on the most ancient East. Translated from the English] Drevneishii Vostok v svete novykh raskopok. Perevod s angliiskogo M. B. Grakovoi-Sviridovoi. Predisl. i red. V. I. Avdieva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 382 p., illus.

CHUVASH A.S.S.R. TSentral'nyi gosudarstvennyi arkhiv. [The revolutionary movement in Chuvashia during the first Russian revolution, 1905-1907; documents and papers] Revoliutsionnoe dvizhenie v Chuvashii v period pervoi russkoi revoliutsii 1905-1907 gg.; dokumenty i materialy. Cheboksary, Chuvashskoe gos. izd-vo, 1956. 319 p.

ELISEEV, FEDOR. [Partisan Shkuro] Partizan Shkuro. N'iu-Iork, 1956. 2 v.
(CLU)

KHACHIKIAN, IA. I. [Stepan Shaumian's struggle for the Marxist-Leninist interpretation of the role of the masses in history] Bor'ba S. G. Shaumiana za marksistsko-leninskoe ponimanie roli narodnykh mass v istorii. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 152 p.

KOHUSKA, NATALKA L. [Twenty five years of the Ukrainian Women's Association of Canada, 1926-1951] Chverť stolittia na bromads'kii nyvi; istoriia Soiuzu Ukrainok Kanady, 1926-1951. [Winnipeg, Vyd. Soiuzu Ukrainok Kanady, 1952] 540 p.

KOTOV, K. [The new Sinkiang] Novyi Sin'tsziian. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 103 p.

KOVPAK, S. A. [Heroic deeds of members of the Society of the Friends of Defense and the Aviation and Chemical Warfare Industry] Geroicheskie dela osoaviakhimovtsev; literaturnaia zapis' A. S. Paleia. Moskva, Izd-vo DOSAAF, 1956. 85 p.

KRAVCHENKO, I.S., N.T.ROMANOVSKII, and T.K.KHADKEVICH. [White Russian S.S.R.] Belorusskaia SSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 190 p.

[THE KRONSTADT UPRISING; 1921-1956] Kronshtadtskoe vosstanie; 1921-1956. [Berlin] Izd. TSentral'nogo ob"edineniia poslevoennykh emigrantov iz SSSR, [1956] 40 p.

KUBANSKII, FEDOR. [We won't forget! We won't forgive! in the Valley of Death] Ne zabudem! Ne prostim; v Doline Smerti. Paterson, N. J., 1956. 39 p.

KUZ'MIN, N. F. [The Communist Party organized the defeat of the White Guard forces under Denikin] Kommunisticheskaia partiia - organizator razgroma belogvardeiskikh voisk Denikina. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 30)

LIUDVINSKAIA, T.F. [Great, approachable and plain] Velikii, blizkii i prostoi. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1,no. 31)

MAISURADZE, D.G. [The first Russian revolution] Pervaia russkaia revoliutsiia. Tbilisi, Ministerstvo prosveshcheniia GSSR Detiunizdat, 1955. 171 p. [In Georgian.]

MAKAROV, M.N. [Yalta; a historical sketch] IAlta; istoriko-kraevedcheskii ocherk. [Izd. 2-oe, perer. i dop.] Simferopol', Krymizdat, 1956. 210 p.

[MEN OF THE NORTH SEA FLEET (THE NORTH SEA FLEET IN THE GREAT PATRIOTIC WAR, 1941-1945); a literary collection] Severomortsy (Severnyi flot v Velikoi Otechestvennoi voine, 1941-1945); literaturnyi sbornik. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 398 p.

MIRCHUK, PETRO. [Tragic victory] Trahichna peremoha. Toronto, Liga vyzvolennia Ukrainy, 1954. 63 p.

MOSCOW. GOSUDARSTVENNAIA PUBLICHANAIA ISTORICHESKAIA BIBLIOTEKA. [A calendar of important and memorable dates; July 1956] Kalendar' znamenatel'nykh i pamiatnykh dat; iiul' 1956 g. Moskva, Gos. izd-vo kulturno-prosvetitel'noi lit-ry, 1956. 15 p.

pt. 2. [August-December 1905] Avgust-dekabr' 1956. 600 p.

MOSCOW. MUZEI REVOLIUTSII SSSR. [Exhibition on the fiftieth anniversary of the first Russian revolution; guidebook and catalog] Vystavka piat'desiat let pervoi russkoi revoliutsii; putevoditel' i katalog. Moskva, 1956. 124 p., illus.

MOSKALEV, M.A. [V.I.Lenin during the last years of his life, 1921-1924] V.I.Lenin v poslednie gody zhizni 1921-1924 gg. Moskva, Gos. izd-vo polit. lit-ry, 1956. 99 p.

MUSAEV, M.M. [Soviet Uzbekistan in the family of Soviet nations] Sovetskii Uzbekistan v bratskoi sem'e narodov SSSR. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 94 p.

MUS'IAKOV, P.I. [The battle prowess of Soviet sailors] Boevaia aktivnost' sovetskikh voennykh moriakov. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1955. 77 p.

NAKASHIDZE, N. T. [Russian-English relations during the second half of the 16th century] Russko-angliiskie otnosheniia vo vtoroi polovine XVI v. Tbilisi, Izd-vo Tbilisskogo gos. univ. im. Stalina, 1955. 154 p.

REIZOV, B. G. [French Romantic historiography (1815-1830)] Frantsuzskaia romanticheskaia istoriografiia (1815-1830). [Leningrad] Izd-vo Leningradskogo univ., 1956. 533 p.

ROSLIAKOV, A. A. [Brief outline history of Turkmenistan; before its annexation to Russia] Kratkii ocherk istorii Turkmenistana; do prisoedineniia k Rossii. Ashkhabad, Turkmenskoe gos. izd-vo, 1956. 104 p.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie shkol. [Homework in history; instructions] Domashnie zadaniia po istorii; metodicheskoe pis'mo. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 23 p.

SAMSONOV, K. [The attack on the Reichstag] Shturm raikhstaga. Moskva, Izd-vo DOSAAF, 1955. 60 p. (V biblioteku shkol'nika)

SELIVANOV, FEDOR. [The battle of Kursk] Kurskaia bitva. Moskva, Gos. izd-vo polit. lit-ry, 1956. 183 p.

SHATSILA, V. V. [The revolutionary struggle in Minsk during the first Russian revolution (1905-1907)] Revoliutsyinaia barats'ba u Minsku u hady pershai ruskai revoliutsyi (1905-1907 hh.). Minsk, Dziarzh. vyd-va BSSR, 1956. 142 p.

SHVAKOV, A. V., and V. V. BOGOSLOVSKII. [Independent Egypt] Nezavisimyi Egipet. Moskva, Gos. izd-vo polit. lit-ry, 1956. 63 p.

SUSLYK, R.L. [Bloodstained pages from unwritten annals; Poltava Province Cossacks and farmers in the struggle against Moscow Communism] Kryvavi storinky z nepysanykh litopysiv; kozats'ko-khutorians'ka Poltavshchyna v boroťbi proty Moskovs'koho komunizmu. Anglila, [Nakl. avtora] 1956. 337 p.

TIFLIS. MUZEI GRUZII. [The fourth session of the State Museum of Georgia (May 16, 17, 18, 1956); program and reports] IV Nauchnaia sessiia... (16, 17, 18 maia 1956 g.); plan raboty i tezisy dokladov. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 30 p. [Parallel texts in Georgian and Russian.]

TRAKHO, R. H. Cherkesy (Circassians - Northern Caucasians). Munkhen [Einheit] 1956. 143 p. [In Russian and English.] (CtY) (MH)

UKRAINS'KYI TEKHNICHNO-HOSPODARS'KYI INSTITUT. [Ukrainian culture; a course of lectures no. 84] Ukrains'ka kul'tura; kurs lektsii ch. 84. Za red. Dmytra Antonovycha. Regensburg, 1947. 399 p.

UZBEK S.S.R. TSentral'nyi gosudarstvennyi arkhiv Oktiabr'skoi revoliutsii i sotsialisticheskogo stroiteľstva. [Workers' control and the nationalization of industry in Turkestan (1917-1920); a collection of documents] Rabochii kontrol' i natsionalizatsiia promyshlennosti v Turkestane (1917-1920 gg.); sbornik dokumentov. Tashkent, Gos. izd-vo UzSSR, 1956. 235 p.

VENDRIKH, G. A. [The White House; from the history of the struggle for power of the Soviets in Irkutsk] Belyi dom; iz istorii bor'by za vlast' sovetov v Irkutske. [Irkutsk] Irkutskoe kn-vo, 1956. 22 p. (Pamiatniki rasskazyvaiut)

## 5. SOCIAL SCIENCES

ABRAMOV, A. P., and M. D. ERLIKH. [The economics of container transportation] Ekonomika konteinernykh perevozok. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 95 p.

[ACCOUNTING AT INSTITUTIONS ON THE STATE BUDGET; collection of directives] Uchet v biudzhetnykh uchrezhdeniiakh; sbornik rukovodiashchikh materialov. Moskva, Gosfinizdat, 1956. 231 p.

ANDREEV, P. P. [Commercial arithmetic] Khoziaistvennye vychisleniia. Izd. 2-oe, perer. Moskva, Gos. statist. izd-vo, 1956. 262 p.

BIL'SHAI, V. L. [Solution of the problem of women in the U. S. S. R.] Reshenie zhenskogo voprosa v SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 245 p.

BURMA (Union). Economic and Social Board. [Pyidawtha, the new Burma; a report from the Government to the people of the Union of Burma on our long-term program for economic and social development] Pidota - novaia Birma; doklad pravitel'stva narodu Birmanskogo Soiuza o perspektivnoi programme ekonomicheskogo i sotsial'nogo razvitiia. Perevod s angliiskogo. S predisl. k russkomu izd. U Nu. Moskva, Izd-vo inostrannoi lit-ry, 1956. 133 p.

BYLOV, NIKOLAI. [The black gospel; an analysis of two doctrines] Chornoe evangelie; analiz dvukh uchenii. Parizh, 1949. 143 p. (CLU)

CHERNOMORDIK, D.I. [Why the capitalists become rich and the workers become poor; the general law of capitalist accumulation] Pochemu bogateiut kapitalisty i bednelut rabochie; vseobshchii zakon kapitalisticheskogo nakopleniia. Moskva, Gos. izd-vo polit. lit-ry, 1956. 86 p. (Populiarnaia bibliotechka po marksizmu-leninizmu)

CHU, SHUN-YU. [Always work creatively, Translated from the Chinise] Vsegda rabotat' tvorcheski. [Perevod s kitaiskogo T. Skvortsova-Tokarina.] [Moskva] Izd-vo VTsSPS Profizdat, 1956. 41 p. (Iz opyta novatorov stran narodnoi demokratii)

EROSHEVSKII, M.I. [Speedways for continuous flow of traffic in cities] Skorostnye magistrali neprerynnogo dvizhenila v gorodakh. Pod red. A.E.Stramentova. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 104 p.

FEDOROV, V.P. [The accumulation of capital and the impoverishment of the proletariat] Nakoplenie kapitala i obnishchanie proletariata. [Moskva] Izd-vo Moskovskogo univ., 1956. 51 p.

FIALKOV, M.A., and I.N.SADIKOV. [Insuring the safety of socialist property in state commerce] Obespechenie sokhrannosti sotsialisticheskoi sobstvennosti v gosudarstvennoi torgovle. Moskva, Gostorgizdat, 1956. 66 p.
DS

GARBUZOV, S.E. [The worker's labor honor] O trudovoi chesti rabochego. Moskva, Gospolitizdat, 1956. 31 p.

GINDIN, I.F. [Russian commercial banks; from the history of finance capital in Russia] Russkie kommercheskie banki; iz istorii finansovogo kapitala v Rossii. Pod red. S.G.Strumilina. Moskva, Gosfinizdat, 1948. 453 p.

[HANDBOOK ON COMMUNAL ECONOMY] Spravochnik po kommunal'nomu khoziaistvu. Pod obshchel red. A.E.Stramentova. Kiev, Gos. izd-vo tekhn. lit-ry USSR.
Pt. 1, 1956. 368 p.

INIUTIN, G. [What the new pension law gives the workers] Chto daet trudiashchimsia novyi pensionnyi zakon. Moskva, Izd-vo "Znanie," 1956. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, No. 41)

KAFTANOVSKAIA, A.M., and V.I.NIKITSKII. [Workbooks of workmen and employees] Trudovye knizhki rabochikh i sluzhashchikh. Izd. 2-oe. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 30 p.

KENNEDY, STETSON. [Guidebook to racist America. Translated from the English] Putevoditel' po rasistskoi Amerike. Perevod s angliiskogo N. N. Kuchinskogo i V. I. Kaminskoi. Pod red. i s predisl. P. S. Romashkina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 317 p.

KONNOV, B. [Leave for workers and employees] Otpuska rabochikh i sluzhashchikh. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 43 p.

KOZLENKO, G.M. [The use of the slide rule in timber and lumber calculations] Primenenie logarifmicheskoi lineiki pri taksatsionnykh i lesokhoziaistvennykh vychisleniiakh. Moskva, Goslesbumizdat, 1955. 45 p.

KOZODOEV, I. I. [Land rent under capitalism] Zemel'naia renta pri kapitalizme. Moskva, Gos. izd-vo polit. lit-ry, 1956. 142 p.

KUFAKOVA, N.A. [The legal regulation of financial budgets of Soviet institutions; abstract of a dissertation submitted for the degree of Candidate in the Juridical Sciences] Pravovoe regulirovanie finansirovaniia biudzhetnykh uchrezhdenii v SSSR; avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, gos. univ. im. M.V.Lomonosova, 1955. 13 p.

LABOR RESEARCH ASSOCIATION. [Apologists for monopolies; a critique of current theories in defense of monopoly and of statistical attempts to prove its decline; a suggested anti-monopoly program. Translated from the English] Apologety monopolii; kritika sovremennykh teorii, zashchishchaiushchikh monopolii, i popytok statisticheskim putem dokazat' upadok monopolii - programma bor'by protiv monopolii. Perevod s angliiskogo V.S.Safronchuka. Moskva, Izd-vo inostrannoi lit-ry, 1955. 70 p.

LENIN, V.I. ["Left wing" communism, an infantile disorder] Kommunizmda "Züüneі tala barimtaihan" ükhibüün ehonoi übshen. [n.p.] Buriat-mongolol nomoi khevtel, 1954. 111 p. [In Buryat.]

LEONT'EV, L. A. [Economic crises] Ekonomicheskie krizisy. Moskva, Vysshaia partiinaia shkola pri TSK KPSS, 1956. 60 p. (Kurs politicheskoi ekonomii) (DS)

LEONT'EV, L. A. [What is political economy] Chto takoe politicheskaia ekonomiia. [Moskva] Moskovskii rabochii, 1950. 60 p.

LESNOV, M.Z. [The permanent committee on trade and public catering; the experience of the permanent committee on trade and public catering of the Moscow City Council of Workers' Deputies] Postoiannaia kommissiia po torgovle i obshchestvennomu pitaniiu; iz opyta postoiannoi kommissii po torgovle i obshchestvennomu pitaniiu Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia. Moskva, Gos. izd-vo juridicheskoi lit-ry, 1956. 61 p.

MAKAR, VOLODYMYR. [Bereza Kartuskaya; recollections of 1934-1935] Bereza Kartuz'ka; spomyny z 1934-35 rr. Toronto, Liga vyzvolennia Ukrainy, 1956. 204 p. (Politychna biblioteka Ligy vyzvolennia Ukrainy, Pt. 9.)

MALYSHEV, I.V. [The role of the masses in the development of socialist methods of production in the U.S.S.R.] Rol' narodnykh mass v razvitii sotsialisticheskogo sposoba proizvodstva v SSSR. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 42)

[MANUAL OF WAGES IN THE PETROLEUM INDUSTRY] Spravochnik po zarabotnoi plate v neftianoi promyshlennosti. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 342 p.

MARX, K., and F. ENGELS. [The manifest of the Communist Party] Manifest Kommunisticheskoi partii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p.

MEL'NIKOV, P. L. [Saving billions] Sberezhem milliardy. Moskva, Gos. izd-vo polit. lit-ry, 1956. 44 p.

MOSCOW. Vysshaia shkola profdvizheniia. [History of the trade union movement in foreign countries; in the first stage of the general crisis of capitalism] Istoriia profsoiuznogo dvizheniia za rubezhom; na pervom etape obshchego krizisa kapitalizma. [Moskva] Izd-vo VTsSPS Profizdat.
Pt. 2. 1955. 167 p.

NAUMOV, P.S. [Store selling the latest goods] Magazin novinok. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 33 p.

OLESHCHUK, F. [Our goal is communism] Nasha tsel' - kommunizm. Moskva, Gos. izd-vo polit. lit-ry, 1946. 39 p.

[ORGANIZED EFFORTS AGAINST THE EMIGRANTS] Organizovannoe pokushenie na emigrantsiiu. Miunkhen, [Soiuz bor'by za osvobozhdenie narodov Rossii], 1956. 16 p.

ORLOVTSEV, F. IA. [Society and the individual] Sotsial'nost' i lichnost'. Moskva, Gospolitizdat, 1956. 141 p. (DS)

PANCHENKO, M.P. [Replacement of public capital] Vidtvorennia suspil'noho kapitalu. Kyiv, Vyd-vo Kyivs'koho derzh. univ. im. T.H.Shevchenka, 1956. 34 p.

PETROVA, L. I. [The International Democratic Federation of Women for peace, equality of women, and happiness of children] Mezhdunarodnaia demokraticheskaia federatsiia zhenshchin za mir, ravnopravie zhenshchin i schast'e detei. Moskva, Gos. izd-vo polit. lit-ry, 1956. 239 p.

PISKAREV, K. N. [Day of rest; experience in organizing the Sunday rest of workers] Den' otdykha; iz opyta organizatsii voskresnogo otdykha trudiashchikhsia. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 45 p.

RAITAROVSKII, M. O. [Socialist capital replacement in the U.S.S.R.] Sotsialisticheskoe vosproizvodstvo v SSSR. Leningrad, Vses. ob-vo po rasprostraneniiu polit. i nauchn. znanii, Leningradskoe otd-nie, 1955. 38 p.

RAKAU, IA.N. [The steady growth in the prosperity of the Soviet people] Niaukhil'ny rost dobrabytu savetskaha naroda. Minsk, Dziarzh. vyd-va BSSR, 1956. 61 p.

ROBEL', R. I. [Railroad transportation in the sixth five-year plan] Zheleznodorozhnyi transport v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 4, no. 20)

ROZMANOV, M. [Soviet commerce in Kazakhstan] Sovetskaia torgovlia v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 121 p.

RUSHINEVSKII, M.IA. [Successes in the social development of European people's democracies] Uspekhi sotsialisticheskogo stroitel'stva evropeiskikh stran narodnoi demokratii. Leningrad, Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Leningradskoe otd-nie, 1955. 43 p.

RUSSIA (1923- U.S.S.R.) Glavnoe kommercheskoe upravlenie. Instructions for weigh masters (freight agents)] Instruktsiia vesovshchiku (kommercheskomu agentu). Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 139 p.

RUSSIA (1923- U. S. S. R.) Glavnoe passazhirskoe upravlenie. [Official passenger railroad schedules; summer of 1956] Ofitsial'nyi ukazatel' passazhirskikh soobshchenii; leto 1956 goda. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 699 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. Otdel truda i zarabotnoi platy. [Manual on work and wages in electric power stations, networks, and plants of the Ministry of Electric Power Stations of the U.S.S.R.] Spravochnik po trudu i zarabotnoi plate na elektrostantsiiakh, v setiakh i na zavodakh Ministerstva elektrostantsii SSSR. Moskva, Gos. energ. izd-vo, 1946. 207 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo finansov. Upravlenie uchebnykh zavedenii. [Program of practical training for students taking course 2 in finance and finance-credit institutes on the "State budget of the U. S. S. R."] Programma proizvodstvennoi praktiki dlia uchashchikhsia II kursa finansovykh i finansovo-kreditnykh tekhnikumov po spetsial'nosti "Gosudarstvennyi biudzhet SSSR." Moskva, 1956. 19 p.

RUSSIA (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. [Construction of cultural facilities in the U. S. S. R.; a statistical compendium] Kul'turnoe stroitel'stvo SSSR; statisticheskii sbornik. Moskva, Gos. statisticheskoe izd-vo, 1956. 331 p.

RUSSIA (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Results of fulfilling the State plan for the development of the national economy of the U.S.S.R. in 1955] Ob itogakh vypolneniia gosudarstvennogo plana razvitiia narodnogo khoziaistva SSSR v 1955 godu. Moskva, Gos. izd-vo polit. lit-ry, 1956. 29 p.

RUSSIA (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. [Soviet commerce; a statistical compendium] Sovetskaia torgovlia; statisticheskii sbornik. Moskva, Gos. statisticheskoe izd-vo, 1956. 351 p.

RUSSIA (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. Otdel uchebnykh zavedenii. [Manual for students enrolling in Statistical Correspondence School and correspondence sections of statistical institutes of the Central Statistical Administration of the U. S. S. R. in 1956] Spravochnik dlia postupaiushchikh v Zaochnyi statisticheskii tekhnikum i zaochnye otdeleniia statisticheskikh tekhnikumov TsSU SSSR v 1956. g. Moskva, Gosstatizdat, 1956. 35 p.

RYBALKIN, A. [Commodity production under capitalism] Tovarnoe proizvodstvo pri kapitalizme. Kiev, Kievskii gos. univ. im. T.G.Shevchenko, 1956. 36 p.

SALABANOV, M. D. [Tables for the calculation of wages paid by the hour, day, and week] Tablitsy rascheta zarabotnoi platy; pri povremennoi sisteme oplaty truda. Izd. 7-e, perer. Moskva, 1956. 30 p.

SERGEEV, M. E., and others. [A short course in the science of industrial commodities] Kratkii kurs tovarovedeniia promyshlennykh tovarov. Otv. red. M. E. Sergeev i N. A. Arkhangel'skii. Moskva, Gos. izd-vo torgovoi lit-ry, 1955. 511 p.

SUVOROVA, G. T. [The Pavlovo industrial district; an economic sketch] Pavlovskii industrial'nyi raion; ekonomicheskii ocherk. [Gor'kii] Gor'kovskoe kn-vo, 1956. 114 p.

TUCHKEVICH, T. M. [A collection of problems in the calculation and analysis of the cost of railroad transportation] Sbornik zadach po kal'kuliatsii i analizu sebestoimosti zheleznodorozhnykh perevozok. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 287 p.

TUGARINOV, V. P. [The laws of nature and of society] Zakony prirody i obshchestva. Moskva, Gos. izd-vo polit. lit-ry, 1956. 62 p. (Populiarnaia bibliotechka po marksizmu-leninizmu)

USOSKIN, M.M. [Organization and planning of short-term credit] Organizatsiia i planirovanie kratkosrochnogo kredita. Izd. 2-oe, perer. Moskva, Gosfinizdat, 1956. 356 p.

VAHRASSE, DENIS. [The history of the Sevarambians. Translated from the French] Istoriia Sevarambov. Perevod s frantsuzskogo E.Dmitrievoi. Kommentarii F.B.Siuvaevoi. Vstup. stat'ia V.P.Volgina. Moskva, Izd-vo Akademii nauk SSSR, 1956. 314 p. (Predshestvenniki nauchnogo sotsializma)

VASIUTIN, V. F. [Distribution of the productive forces of the U. S. S. R. in the sixth five-year plan] Razmeshchenie proizvoditel'nykh sil SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 43)

VSESOIUZNOE AKTSIONERNOE OBSHCHESTVO PO INOSTRANNOMU TURIZMU V SSSR "INTURIST." [Brief timetable for domestic and foreign passenger travel in the U. S. S. R. during 1955] Kratkii ukazatel' vnutrennikh i mezhdunarodnykh passazhirskikh soobshchenii SSSR. 1955 g. Moskva [n. d.] 91 p.
[MICROFILM]

VYGODSKII, S.L. [Some problems concerning the competition of socialism with capitalism at the present stage] Nekotorye voprosy sorevnovaniia sotsializma s kapitalizmom na sovremennom etape. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 40)

[WHERE TO BUY WHAT; a Moscow directory of commercial enterprises and services] Gde chto kupit'; reklamnyi spravochnik Moskovskikh predpriiatii torgovli i bytovogo obsluzhivaniia. [Moskva] Izd-vo "Moskovskaia pravda," 1956. 329 p.

## 6. POLITICAL SCIENCE

BIRIUKOV, N.S. [For European security] Za evropeiskuiu bezopasnost'. Moskva, Izd-vo "Znanie," 1956. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, no. 24)

BOROVIKOV, Z.V. [Kazakhstan in the family of nations of the Soviet Union] Kazakhskaia SSR v bratskoi sem'e narodov Sovetskogo Soiuza. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 36 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Kazakhskoi SSR)

CHERNOGOLOVKIN, N.V. [Forms of colonial dependence] Formy kolonial'noi zavisimosti. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 214 p.

ERMASHEV, I.I. [International cooperation; why it is necessary and how to broaden it] Mezhdunarodnoe sotrudnichestvo; pochemu ono neobkhodimo i kak ego rasshirit'. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p.

KACHARHIN, A.N. [Bourgeois democracy in the era of imperialism] Burzhuaznaia demakratyia u epokhu imperyializma. Minsk, Dziarzh.vyd-va BSSR, 1956. 84 p.

KAZAKH S.S.R. Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the Kazakh S.S.R., fourth convocation (second session); January 20-21, 1956; stenographic report] Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, chetvertogo sozyva (vtoraia sessiia); 20-21 ianvaria 1956 goda, Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 179 p.

KAZAKH S.S.R. Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the Kazakh S.S.R., third convocation (fourth and fifth sessions); March 23, 1954 and June 14-16, 1954; stenographic report] Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, tret'ego sozyva (chetvertaia i piataia sessii); 23 marta 1954 g. i 14-16 iiunia 1954 g. Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1954. 219 p.

KAZAKH S.S.R. Verkhovnyi Sovet. [Sixth session of the Supreme Soviet of the Kazakh S.S.R.; March 20-24, 1941; stenographic report] Shestaia sessiia Verkhovnogo Soveta Kazakhskoi SSR; 20-24 marta 1941 goda, Stenograficheskii otchet. Alma-Ata, Kazakhskoe ob"edinennoe gos. izd-vo, 1946. 198 p.

KHOKHLOV, V.A. [Mass Party work at the Karaganda coal-grading station] Massovo-politicheskaia rabota na stantsii Karaganda-Sortirovochnaia. Alma-Ata, Kazakhskoe Gos. izd-vo, 1954. 60 p.

KHRUSHCHEV, N.S. [Khrushchev's speech at a closed session of the 20th Congress of the Communist Party of the Soviet Union; February 24-25, 1956] Rech' Khrushcheva na zakrytom zasedanii XX s"ezda KPSS; 24-25 fevralia 1956 g. Miunkhen, 1956. 56 p.

KHRUSHCHEV, N.S. [Speech at the fourth session, fourth convocation, of the Supreme Soviet of the U.S.S.R., Dec. 29, 1955] Rech' na chetvertoi sessii Verkhovnogo soveta SSSR, chetvertogo sozyva; 29 dekabria 1955 goda. Moskva, Gos. izd-vo polit. lit-ry, 1956. 39 p.

KIM, SUNG-HWA [American aggression in Korea [Translated from the Korean]] Amerikanskaia agressiia v Koree. [Perevod s koreiskogo.] Pkhen'ian, Izd-vo "Novaia Koreia," 1956. 121 p.

OIUZA. [Ste- 1956.

[illegible]. 1956. [The proceedings of the 19th Congress of the Communist Party of the Ukraine] Materialy z'izdu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1956. 239 p.

LENIN, V.I. [The nationality and the national-colonial problem] O natsional'nom i natsional'no-kolonial'nom voprose. Moskva, Gos. izd-vo polit. lit-ry, 1956. 599 599 p.

MIRSKII, G.I. [The Bagdad pact is an instrument of colonialism] Bagdadskii pakt - orudie kolonializma. Moskva, Gos. izd-vo polit. lit-ry, 1956. 55 p.

ORLOVA, E.N. [Prohibition of war propaganda in modern international law; abstract of a dissertation submitted for the degree of candidate of the juridical sciences] Zapret propagandy voiny v sovremennom mezhdunarodnom prave; avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Moskovskii gos. univ. im. M.V.Lomonosova, 1956. 14 p.

[THE PROBLEM OF THE CULT OF THE INDIVIDUAL] K voprosu o kul'te lichnosti. [Moskva] Izd-vo "Pravda," 1956. 43 p.

[PROBLEMS IN COMMUNIST YOUTH LEAGUE WORK] Voprosy komsomol'skoi raboty. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 124 p.

[PROBLEMS OF COMMUNIST YOUTH LEAGUE WORK IN THE SOVIET ARMY AND NEVY] Voprosy komsomol'skoi raboty v Sovetskoi armii i flote. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 30 p. (Bibliotechka komsomol'skogo aktivista)

[REPATRIATION FROM ARGENTINA; based on material furnished by the Argentina section of the Union for Struggle for the Liberation of the Peoples of Russia (SBONR)] Argentinskaia repatriatsiia; po materialam Argentinskogo Otdela SBONRa. Miunkhen, 1956. 27 p.

RUSSIA (1923- U.S.S.R.) Glavnoe politicheskoe upravlenie vooruzhennykh sil. [How to conduct political lessons] Kak provodit' politicheskie zaniatiia. Moskva, Voen. izd-vo Ministerstva vooruzhennykh sil SSSR, 1947. 70 p. (V pomoshch' rukovoditeliu politicheskikh zaniatii)

[MICROFILM]

SHEPILOV, D.T. [The Suez problem] Suetskii vopros. Moskva, Gos. izd-vo polit. lit-ry, 1956. 87 p.

SHUGAEV, A.S. [The significance of the democratization of the electoral system for gaining a working class majority in Parliament] Znachenie demokratizatsii izbiratel'noi sistemy dlia zavoevaniia rabochim klassom bol'shinstva v parlamente. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 38)

SKOROV, G.E. [French imperialism in West Africa] Frantsuzskii imperializm v Zapadnoi Afrike. Moskva, Gos. izd-vo polit. lit-ry, 1956. 222 p.

[STATEMENT OF THE SOVIET GOVERNMENT ON THE PROBLEM OF DISARMAMENT; May, 14, 1956] Zaiavlenie pravitel'stva SSSR po voprosu o razoruzhenii; 14 maia 1956 goda. Moskva, Gos. izd-vo polit. lit-ry, 1956. 15 p.

TANANAISKII, I.V. [Mass political work among workers in the Aktyubinsk iron alloy plant] Massovo-politicheskaia rabota na Aktiubinskom zavode ferrosplavov. Alma-Ata, Kazakhskoe gos. izd-vo, 1954. 51 p.

TEPLOVA, N.A. [The electoral system of the European peoples' democracies] Izbiratel'naia sistema evropeiskikh stran narodnoi demokratii. Moskva, Gos. izd-vo iuridicheskoi lit-ry, 1956. 60 p. (Nauchno-populiarnaia iuridicheskaia literatura)

VOEVODIN, L.D. [The governmental structure of the Chinese People's Republic] Gosudarstvennyi stroi Kitaiskoi Narodnoi Respubliki. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 270 p.

[WORLD PEACE ASSEMBLY; Helsinki, June 22-29, 1956] Vsemirnaia Assambleia mira; Khel'sinki 22-29 iiunia 1955 g. Moskva, Gos. izd-vo polit. lit-ry, 1956. 763 p.

## 7. LAW

DENISOV, A.I. [Socialist law] Sotsialisticheskoe pravo. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1955. 66 p.
DS

DVINOV, M.S., V.V.PAVLOV, and G.M.IAMENFEL'D. [Fundamental legal problems in the operation of state business enterprises; a textbook for Soviet commercial schools] Osnovnye pravovye voprosy deiatel'nosti gosudarstvennykh torgovykh organizatsii; uchebnoe posobie dlia tekhnikumov sovetskoi torgovli. Moskva, Gos. izd-vo torgovoi lit-ry, 1955. 230 p.
DS

IAKOVLEV, A.M. [Compound offenses in Soviet criminal law (definition and responsibility); author's abstract of a dissertation submitted for the academic degree of candidate of law] Sovokupnost' prestuplenii po sovetskomu ugolovnomu pravu (ponitie i otvetstvennost'); avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Moskovskii gos. univ. im. M.V. Lomonosova, 1956. 14 p.

IAZEV, V.A. [Delivery of goods contract in Soviet commerce] Dogovor postavki v sisteme sovetskoi torgovli. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 88 p.

IUDEL'SON, K.S. [Legal evidence and its practical application in Soviet civil procedure] Sudebnye dokazatel'stva i praktika ikh ispol'zovaniia v sovetskom grazhdanskom protsesse. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 250 p.

KARINSKII, S.S. [Encouragement of valiant labor in Soviet legislation] Pooshchrenie za doblestnyi trud po sovetskomu zakonodatel'stvu. Moskva, Izd-vo "Znanie," 1956. 37 p. (Vsesoiuznoe obshcheatvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 39)

KAZANTSEV, N.D. [The charter of the agricultural artel] Ob ustave sel'skokhoziaistvennoi arteli. Moskva, Gosiurizdat, 1956. 50 p.
(DS)

KIRGHIZ S.S.R. Laws, statutes, etc. [A collection of laws of the Kirghiz Soviet Socialist Republic, decrees of the Supreme Soviet and decisions of the government of the Kirghiz S.S.R.] Sobranie zakonov Kirgizskoi Sovetskoi Sotsialisticheskoi Respubliki, ukazov Prezidiuma Verkhovnogo Soveta i postanovlenii pravitel'stva Kirgizskoi SSR. Frunze.
Vol. 3, 1950-1954. 1956. 394 p.

[MONUMENTS OF RUSSIAN LAW] Pamiatniki russkogo prava. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 4. [Monuments of law from the period of consolidation of the centralized Russian state, 15th-17th centuries] Pamiatniki prava perioda ukrepleniia russkogo tsentralizovannogo gosudarstva, XV-XVII vv. Pod red. L.V. Cherepnina. 1956. 632 p.

MOSCOW. UNIVERSITET. Kafedra grazhdanskogo prava. [A collection of problems in Soviet civil law; a manual for students] Sbornik zadach po sovetskomu grazhdanskomu pravu; uchebnoe posobie dlia studentov. Moskva.
No. 1. 1955. 30 p.
No. 2. 1955. 51 p.
No. 3. 1956. 41 p.
No. 4. 1955. 47 p.
No. 5. 1955. 45 p.

MOSCOW. UNIVERSITET. Kafedra grazhdanskogo protsessa. [A textbook for practical studies in Soviet civil procedure; a collection of problems and documents on procedure in four parts] Uchebnoe posobie dlia prakticheskikh zaniatii po sovetskomu grazhdanskomu protsessu; sbornik zadach i protsessual'nykh dokumentov v chetyrekh vypuskakh. Moskva.
No. 1. 1956. 63 p.

MOSCOW. UNIVERSITET. Kafedra ugolovnogo protsessa. [Manual study methods for practice exercises on the topics "Indictments" and "Cognizance"] Uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po temam: "Predanie sudu" i "Podsudnost'." Moskva, 1955. 22 p.

PAKUTIN, V.D. [Legal responsibility for crimes in the sphere of protection of labor under the provisions of Soviet criminal laws; author's abstract of a dissertation submitted for the degree of candidate of law] Otvetstvennost' po sovetskomu ugolovnomu pravu za prestuplenila v oblasti okhrany truda; avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Moskovskii gos. univ. im. M.V.Lomonosova, 1956. 15 p.

PERETERSKII, I.S. [The Digests of Justinian; sketches of the history of their compilation and general characteristics] Digesty Iustiniana; ocherki po istorii sostavleniia i obshchaia kharakteristika. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 128 p.

PRAGUE. UNIVERSITA KARLOVA. Fakulta pravnicka. [Constitutional law of Czechoslovakia; compiled by the section of constitutional law of the Department of Law of Charles University under the supervision of Yan Bartusek. Translated from the Czech] Chekhoslovatskoe gosudarstvennoe pravo; podgotovleno Kafedroi gosudarstvennogo prava iuridicheskogo fakul'teta Karlova Universiteta pod rukovodstvom IAna Bartushki. Perevod s cheshskogo i vstup. stat'ia M.P.Lebedova. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 466 p.

RUSKOL, A.A., and N.G.SALISHCHEVA. [The legal status of machine-tractor stations and the character of their contractual relations with collective farms] Pravovoe polozhenie mashinno-traktornoi stantsii i kharakter ee dogovornykh otnoshenii s kolkhoznikami. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 150 p.

RUSSIA (1917- R.S.F.S.R.) Laws, statutes, etc. [Civil procedure code of the R.S.F.S.R.; official text with amendments to January 1956 and with a supplement of materials arranged by paragraphs] Grazhdanskii protsessual'nyi kodeks RSFSR; ofitsial'nyi tekst s izmeneniiami na 1 ianvaria 1956 g. i s prilozheniem postatei no-sistematizirovannykh materialov. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 338 p.

RUSSIA(1923- U.S.S.R.) Laws, statutes, etc. [Principles of criminal procedure of the Soviet Union and the Union republics] Osnovy ugolovnogo sudoproizvodstva Soiuza SSR i soiuznykh respublik. Moskva, Gos. izd-vo iurid. lit-ry. 1956. 14 p.

ŠHTUTIN, IA. L. [Lectures on Soviet civil procedure] Lektsii z radians'koho tsyvil'noho protsesu. [Kyiv] 1954. 343 p.
(CU)

[THE SOVIET PUBLIC PROSECUTOR; in the most important documents] Sovetskaia prokuratura; v vazhneishikh dokumentakh. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 507 p.

UZBEK S.S.R. Laws, statutes, etc. [A collection of laws of the Uzbek S.S.R. and decrees of the Presidium of the Supreme Soviet of the Uzbek S.S.R. from 1938 to 1955] Sbornik zakonov Uzbekskoi SSR i ukazov Prezidiuma Verkhovnogo Soveta Uzbekskoi SSR, 1956. 341 p.

## 8. EDUCATION

APUKHTIN, B.T. [Soccer technique] Tekhnika futbola. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 150 p.

ARKAD'EV, B.A. [The halfbacks' game] Igra poluzashchitnikov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 38 p.

BESKOV, K.I. [The forwards' game] Igra napadaiushchikh. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 100 p.

BORISOV, I.B. [The strong and the skilful] O sil'nykh i umelykh. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 84 p.

FOKIN, E.V. [The goalkeeper's game] Igra vrataria. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 67 p.

GONCHAROV, N.K. [Soviet schools in the sixth five-year plan] Sovetskaia shkola v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 2, no. 37)

GUGIN, A.A. [Exercises on the triple bar; a teacher's manual] Uprazhnenila na troinom bume; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 86 p.

[GYMNASTICS IN THE U.S.S.R.] Gimnastika v SSSR. [Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956] 1 v. (unpaged)

IGNASHENKO, A.M. [Acrobatics; a textbook for physical culture groups] Akrobatika; uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 206 p.

KALININ, A.P. [The guards' game] Igra zashchitnikov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 67 p.

KEL', O.S., and others. [The council of the Pioneer group is the organizer of Pioneer work at school] Sovet druzhiny - organizator pionerskoi raboty v shkole. Pod red. V.G. IAkovleva. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 65 p. (Pionerskaia i komsomol'skaia rabota v shkole)

KOLLEGORSKII, V.V. [With racket in hand] S raketoi v ruke. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 37 p.

KONSTANTINOV, N.A. [A system of public education] Sistema narodnogo obrazovaniia. [Moskva] Izd-vo Moskovskogo univ., 1956. 30 p.

KOSMA, T.V. [Characteristics of the development of thought in students of the younger grades] Osoblyvosti rozvytku myslennia uchniv molodshykh klasiv. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 115 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Cultivated behavior of Soviet young people; brief recommended list] Kul'tura povedeniia sovetskogo molodogo cheloveka; kratkii rekomendatel'nyi spisok literatury. Leningrad, 1955. 13 p.

MARKOVA, T.A. [Family preparation of children for school] Podgotovka detei k shkole v sem'e. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 104 p. (Pedagogicheskie sovety roditeliam)

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Physical culture and sports for the masses; a bibliography] Fizkul'tury i sport - v massy; rekomendatel'nyi ukazatel' literatury. Moskva, 1954. 66 p.

MOTYLIANSKAIA, R.E. [Sports and age] Sport i vozrast. Moskva, Medgiz, 1956. 301 p.
(DAFM)

NAPUKH, Z.IA. [With the "Torpedo" emblem] S emblemoi "Torpedo." [Moskva] Izd-vo VTsSPS, 1956. 73 p.

PEROUSKI, E.I. [Manual for instruction and training in schools] Kiraunitstva vuchebna-vykhavauchai rabotai u shkole. Pereklad z druhoha, vypr. i dap. ruskaha vyd. Minsk, Dziarzh. vychebna-pedaga. vyd-va Ministerstva asvety BSSR, 1956. 203 p.

PREOBRAZHENSKII, I.N., and P.I.KAMINSKII. [Five under the basket] Piatero pod kol'tsom. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 37 p.

PROKOPENKO, I.S. [Marksmanship in the "Ready for Labor and Defense Organization"] Strelkovyi sport v komplekse GTO. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 55 p.

PUSTOVOIT, B.G. [Dumbbell calisthenics] Gantel'naia gimnastika. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 40 p.

[ROWING IN THE U.S.S.R.] Grebnoi sport v SSSR. [Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956] 1 v. (unpaged, chiefly illus.)

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Programs for vocational training in schools for backward children] Programmy po professional'no-trudovomu obucheniiu vo vspomogatel'nykh shkolakh. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 81 p.

RUSSIA (1917- R.S.F.S.R.) Komitet po fizicheskoi kul'ture i sportu. [Physical education in the schools; the practice of seven-year and secondary schools of the R.S.F.S.R.] Fizicheskoe vospitanie v shkole; iz opyta raboty semiletnikh i srednikh shkol RSFSR. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 62 p.

RUSSIA (1923- U.S.S.R.) Komitet po fizicheskoi kul'ture i sportu. [Unified classification program for women's gymnastics (classes 3,2, and 1] Edinaia klassifikatsionnaia programma po sportivnoi gimnastike dlia zhenshchin (III, II i I razriady). Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 58 p.

SHILKINA, M.F. [Sound filmstrip newspapers in clubs] Sveto-zvukovaia gazeta v klube. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 33 p.

SUDAK, A.G. [With the strength of youth] Siiami molodezhi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 55 p. (Bibliotechka komsomol'skogo aktivista)

SVETLOVSKII, N.I. [Schools; a series of lectures on the subject "Planning and statistics of school education in the U.S.S.R."] Shkolovedenie; tsikl lektsii po teme "Planirovanie i statistika shkol'nogo obrazovaniia v SSSR." Moskva, Izd. MGPI im. V.I. Lenina, 1955. 124 p.

ZELERANSKII, N.IA. [They march in front] Oni idut vperedi. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 119 p.

ZUBRITSKII, N.P. [Our Pioneer camp] Nash pionerskii lager'. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 74 p.

## 9. MUSIC, THEATER & MOTION PICTURES

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut khudozhestvennogo vospitaniia. [Choreographic training of school children] Khoreograficheskaia rabota so shkol'nikami. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 343 p.

BERKMAN, T.L., and K.S. GRISHCHENKO. [The musical education of teachers] Muzykal'noe obrazovanie uchitelia. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 171 p.

[THE DIRECTOR'S ART; a collection of articles by Soviet stage directors] Masterstvo rezhissera; sbornik statei rezhisserov sovetskogo teatra. Moskva, Gos. izd-vo "Iskusstvo," 1956. 458 p.

[MATERIALS AND DOCUMENTS ON THE HISTORY OF RUSSIAN REALISTIC ESTHETICS OF MUSIC; classic figures of Russian music and musical criticism] Materialy i dokumenty po istorii russkoi realisticheskoi muzykal'noi estetiki; klassiki russkoi muzyki i muzykal'noi kritiki ob iskusstve. Sost. A.S. Ogolevets. Moskva, Gos. muzykal'noe izd-vo.
Vol. 2. V.V. Stasov, M.P. Musorgskii, A.P. Borodin, P.I. Chaikovskii, N.A. Rimskii-Korsakov. 1956. 684 p.

MERCILLON, HENRI. [The motion-picture industry and monopoly in the United States. Translated from the French] Kino i monopolii v SShA. Perevod s frantsuzskogo R.I. Liniser. Pod obshchei red. G.A. Avenariusa. Vstup. stat'ia I.A. Sokolova. Moskva, Izd-vo inostrannoi lit-ry, 1956. 296 p.

OSTROVSKII, A.N. [The comic actor in the seventeenth century] Komik XVII stoletiia. Moskva, Iskusstvo, 1956. 102 p.
(OCI)

SHUKHMINA, T.M. [Theatrical make-up] Grim. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 79 p., illus. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 23)

SHUMSKAIA, N.A. [N.A. Rimskii-Korsakov's Sadko] Sadko N.A. Rimskogo-Korsakova. Moskva, Gos. muzykal'noe izd-vo, 1956. 77 p. (Putevoditeli po russkoi muzyke)

TOLMACHEV, V.B., and K.N. POLIANSKII. [Design and construction of settings for motion pictures] Proektirovanie i postroika kinodekoratsii. Moskva, Gos. izd-vo "Iskusstvo," 1956. 219 p.

## 10. FINE ARTS

ALEEV, R.G. [Decorative designs; aids for the rural club artist] Dekorativnoe oformlenie; materialy v pomoshch' sel'skomu klubnomu khudozhniku. Moskva, Goskul'tprosvetizdat, 1956. 26 plates (in portfolio) (Bibliotechka sel'skogo klubnogo rabotnika, nos. 12/13)

———— [Supplement to the album of visual aids] Prilozhenie k al'bomu nagliadnykh posobii. 1956. 31 p.

[CITY PLANNING AND BUILDING] Planirovka i zastroika gorodov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 346 p.

DZHASHI, N. U. [Soviet Georgian architecture; based on examples in Tiflis] Gruzinskaia sovetskaia arkhitektura; na primere Tbilisi. Tbilisi, Izd-vo "Zarla Vostoka," 1956. 149 p.

[FINE ARTS OF INDIA] Izobrazitel'noe iskusstvo Indii. [Moskva, Izogiz, 1956] [4] p., 12 post cards (in portfolio)

LENINGRAD. ERMITAZH. [Artistic silverware from the 16th to the beginning of the 20th century. Guide-book to an exhibition] Khudozhestvennoe serebro XVI-nach. XX vv. Moskva, Gos. izd-vo "Iskusstvo," 1956. 29 p., illus. (Putevoditeli po vystavkam)

LENINGRAD. ERMITAZH. [Through the galleries of the Museum] Po zalam muzeia. [Sostavitel' i avtor teksta P. F. Gubchevskii.] [Leningrad] Izogiz [1955] [68] p. (MH)

MILIAIEVA, L. [K. O. Trutovskii; a sketch of his life and work] K. O. Trutovs'kyi; narys pro zhyttia ta tvorchist'. Kyiv, Mystetstvo, 1955. 34 p. (MH)

[MODERN CHINESE ART] Iskusstvo sovremennogo Kitaia. [Moskva, Izogiz, 1956] [4] p., 10 post cards (in portfolio)

MOSCOW. GOSUDARSTVENNAIA TRET'IAKOVSKAIA GALLEREIA. [Drawings and watercolors: V. G. Perov, N. I. Kramskoi, V. V. Vereshchagin] Risunok i akvarel': V. G. Perov, I. N. Kramskoi, V. V. Vereshchagin. Moskva, Iskusstvo, 1955. 131 p., 70 plates. (CLU)

MOSCOW. GOSUDARSTVENNYI MUZEI IZOBRAZITEL'NYKH ISKUSSTV. [Exhibition of English art; painting, sculpture, drawings, engravings, and industrial art objects from museums of the U. S. S. R. A catalog] Vystavka proizvedenii angliiskogo iskusstva; zhivopis', skul'ptura, risunok, graviura, predmety prikladnogo iskusstva iz muzeev SSSR. Katalog. Moskva, Gos. izd-vo "Iskusstvo," 1956. 94 p., illus.

VALENTIN ALEKSANDROVICH SEROV. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. 55 p. (chiefly illus.) (Mastera russkogo iskusstva)

## 11. LANGUAGE, LITERATURE & FOLKLORE

ABSALIAMOV, ABDURAKHMAN. [Khikeialer hem ocherklar. Kazan, Tatknigo-izdat, 1954. 281 p. [In Tatar.] (NNC)

AINI, S. S. [Slaves; a novel. Translated from the Tajik] Raby; roman. Perevod s tadzhikskogo Sergeia Borodina. Moskva, Sovetskii pisatel', 1956. 453 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut khudozhestvennogo vospitaniia. [Literature in the elementary schools; experience with outside reading] Khudozhestvennaia literatura v nachal'noi shkole; opyt vneklassnoi raboty. Pod red. E. G. Savchenko. Moskva, 1956. 241 p.

ANTOKOL'SKII, P. G., tr. [French poetry on social and political themes] Grazhdanskaia poeziia Frantsii. V perevodakh Pavla Antokol'skogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1955. 356 p. (NN)

[ARMENIAN POETRY IN V. IA. BRIUSOV'S TRANSLATION] Armianskaia poeziia v perevodakh V. IA. Briusova. [Pod red. A. Indzhikiana] Erevan, Armianskoe gos. izd-vo, 1956. 318 p.

ASATRIAN, AS. [Our literature; a textbook for class 6 of the secondary school] Rodnaia literatura; uchebnik dlia VI klassa srednikh shkol. Erevan, Armuchpedgiz, 1956. 195 p. [In Armenian.]

BAKU. AZERBAIDZHANSKAIA RESPUBLIKANSKAIA PUBLICHNAIA BIBLIOTEKA. Spravochno-bibliograficheskii otdel. [Suleiman Rustam; on the 50th anniversary of his birth] Süleiman Rüstèm; anadan olmasynyn 50 illiłł münasibètilè (1906), inddash. Suleiman Rustam; k 50 letiiu so dnia rozhdeniia (1906), pamiatka. Baky, 1956. 12 p. (Parallel texts in Azerbaijani and Russian.)

BALZAC, HONORE DE. [Droll stories. Translated from the French] Ozornye rasskazy. Perevod s frantsuzskogo [N. Sokolovoi i S. Vysheslavtsevoi] Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 125 p.

BATROV, A. M. [The eagle and Giovanni; stories] Orel i Dzhovanni; rasskazy. Risunki Tarana. Moskva, Detgiz, 1956. 77 p. (NN)

BECKER, JOHANNES R. [Selections. Translated from the German] Izbrannoe. Perevod s nemetskogo. Red. A. Rusakova i I. Fradkin. Predisl. Evg. Dolmatovskogo. Moskva, Izd-vo inostrannoi lit-ry, 1956. 419 p.

BEDNIAKOV A.S. [Russian language; a textbook for students in the second grade of Korean schools] Russkii iazyk; uchebnik dlia uchashchikhsia 2-go klassa koreiskikh shkol. Izd. 2-oe, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 271 p.

BOGDANOVICH, L. A. [A psychiatrist's notebook] Zapiski psikhiatra. Izd. 2-oe. Moskva, Gos. izd-vo med. lit-ry, 1956. 177 p.

BOGOLIUBOV, K. V., and S. N. SAMSONOV, comps. [Pavel Petrovich Bazhov in reminiscences] Pavel Petrovich Bazhov v vospominaniiakh. [Sverdlovsk] Sverdlovskoe kn-vo, 1953. 246 p. (NN)

BOKAREV, E.A., N.V. BOKAREVA, and CH'OE YON-SE. [Grammar of the Russian language; a textbook for students in the seventh grade of the Korean schools of the R.S.F.S.R.] Grammatika russkogo iazyka; uchebnik dlia uchashchikhsia VII klassa koreiskikh shkol RSFSR. Izd. 2-oe, Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR.
Pt. 2. [Syntax] Sintaksis. 1956. 186 p.

BORODIN, SERGEI. [Stars over Samarkand; a novel] Zvezdy nad Samarkandom; roman. Moskva, Sovetskii pisatel',
Vol. 1. [Timur the lame] Khromoi Timur. 1956. 492 p.

BRASOL, B. L. [Russian pronunciation; a phonological study] O russkom proiznoshenii; fonologicheskaia spravka. N'iu-Iork, Izd. Ob-va im. A. S. Pushkina v Amerike, 1956. 12 p. (MH)

BRYL', IANKA. [You are my best friend; stories. Translated from the White Russian] Ty moi luchshii drug; rasskazy. Avtoriz. perevod s belorusskogo A. Ostrovskogo. Moskva, Izd-vo "Pravda," 1956. 63 p. (Biblioteka "Ogonek," no. 40)

CHERNOMORTSEV, L. N. [On Siberia's wide expanses; selected verse] Na prostorakh Sibiri; izbrannye stikhi. Moskva, Sovetskii pisatel', 1956. 170 p. (MH)

CHICHERIN, A. V. [The language and style of the novel War and Peace"; a lecture to students] O iazyke i stile romana Voina i mir; lektsii v pomoshch' studentu. [Khar'kov] Izd-vo Khar'kovskogo gos. univ., 1953. 51 p. (MH)

[A COLLECTION OF MATERIALS ON THE HISTORY OF RUSSIAN JOURNALISM] Sbornik materialov k izucheniiu istorii russkoi zhurnalistiki. Pod red. D. P. Koz'mina i dr. Moskva, [Vysshaia partiinaia shkola pri TsK KPSS]
No. 3. 70-e gg.-seredina 90-kh gg. XIX v. 1956. 287 p.

DOM DETSKOI KNIGI, Moscow. [The life and works of Ivan Franko; materials for exhibitions in school and children's libraries] Zhizn' i tvorchestvo Ivana Franko; materialy dlia vystavki v shkole i detskoi biblioteke. Moskva, Gos. izd-vo detskoi lit-ry Ministerstva prosveshcheniia RSFSR, 1956. 7, 36 p.

DOSKARAEV, ZH., and G. MUSABAEV. [Local peculiarities of the Kazakh language] Kazak tilinin zhergilikti erekshelikterі; birinshi bölim. Almaty, Kazak SSR ghylym Akademiiasynyn baspasy, 1951. 111 p. [In Kazakh.]

DOVYDAITIS, JONAS. [Love and hate; stories. Translated from the Lithuanian] Liubov' i nenavist'; rasskazy. Avtoriz. perevod s litovskogo. Moskva, Sovetskii pisatel', 1956. 250 p.

FILIPPO, EDUARDO DE. [Ghosts; a play in three acts. Translated from the Italian] Prizraki; p'esa v trekh aktakh. Perevod s ital'ianskogo G. Bogemskogo i N. Medvedeva. Moskva, Gos. izd-vo "Iskusstvo," 1956. 94 p.

[THE FIRST SCREENPLAY; a collection of screenplays by young motion-picture playwrights] Pervyi stsenarii; sbornik stsenariev molodykh kinodramaturgov. Moskva, Gos. izd-vo "Iskusstvo," 1956. 347 p.

FRAERMAN, R. [Dingo, the wild dog, or a Tale of first love] Dikaia sobaka Dingo ili Povest' o pervoi liubvi. [Gor'kii] Gor'kovskoe kn-vo, 1955. 110 p.

FRANKO, IVAN. [Works; in ten volumes] Sochineniia; v desiati tomakh. [Perevod s ukrainskogo] Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Stories] Rasskazy. 1956. 567 p.
Vol. 2. [Stories and tales] Rasskazy i povesti. 1956. 591 p.

[FRENCH-RUSSIAN PHRASE BOOK] Guide parlé français-russe. 2mo edition. Moscou, Editions en langues étrangères, 1956. 170 p.

[FROM A SPARK, A FLAME; a collection of verse] Iz iskry - plamia; sbornik stikhov. [Moskva] Moskovskii rabochii, 1956. 135 p.

[FROM EUROPEAN POETS OF THE 16-19th CENTURIES. Translations by V. Lovik] Iz evropeiskikh poetov XVI-XIX v.v. Perevody V. Lovika. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 454 p.

GABIDULLIN, R. M., and A. P. LOTSMANOVA. [Musa Dzhalil' (1906-1944); a reader's manual] Musa Dzhalil' (1906-1944); pamiatka chitateliu. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 28 p.

GARIBIAN, A., and G. PARIS. [Orthographic dictionary for schools] Shkol'nyi orfograficheskii slovar'. Erevan, Armuchpedgiz, 1956. 183 p. [In Armenian.]

GASPARIAN, MAMIKON. [Our native language; a textbook for the first grade] Rodnaia rech'; uchebnik dlia pervogo klassa. Erevan, Armuchpedgiz, 1956. 130 p. [In Armenian.]

GERMAN, I. P. [Young Russia; a historical novel] Rossia molodaia; istoricheskii roman. Moskva, Gos. lit-ry izd-vo, 1956. 2 v. (MH)

GLUKHOVSKII, S. D. [A famous soldier's feat of arms] Podvig izvestnogo soldata. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 204 p.

GORBAN', EVGENII. [Danilo Sagaidak; poem of an old Cossack] Danilo Sagaidak; duma starogo kazaka. Moskva, Sovetskii pisatel', 1956. 48 p.

GULIAM, GAFUR. [Selected works] Izbrannoe Tashkent, Gos. izd-vo UzSSR, 1953. 223 p.

GUREVICH, GEORGII. [Storm underground; a tale of science fiction] Podzemnaia nepogoda; nauchno-fanta-sticheskaia povest'. Risunki E. Adamova. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 222 p. (Biblioteka prikliuchenii i nauchnoi fantastiki)

HERTZEN, A.I. [Collected works; in thirty volumes] Sobranie sochinenii; v tridtsati tomakh. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 9. [My past and thoughts] Byloe i dumy, 1852-1863. Pt. 4. 1956. 353 p.

[HISTORIC SONGS] Istoricheskie pesni. Leningrad, Sovetskii pisatel', 1956. 406 p. (Biblioteka poeta osnovana M. Gor'kim. Malaia serila, 3. izd.)

HOLOVANIVS'KYI, SAVA. [Selected works. Translated from the Ukrainian] Izbrannoe. Perevod s ukrainskogo. [Moskva] Gos. izd-vo khudozh. lit-ry [1956] 310 p.

HORDIIENKO, KONSTANTYN. [She harvested a stranger's field; a novel. Translated from the Ukrainian] Chuzhu-iu nivu zhala; roman. Avtoriz. perevod s ukrainskogo P.Sletova. Moskva, Sovetskii pisatel', 1956. 302 p.

IAKOVLEV, I.IA. [The wall newspaper] Stennaia gazeta. [Leningrad] Leningradskoe gazetno-zhurnal'noe i kn-vo, 1955. 98 p.

IAN, V.G. [Genghis Khan; a novel] Chingiz-Khan; roman. Moskva, Sovetskii pisatel', 1950. 373 p.
(MH)

IGNATOV, P.K. [Our sons; a tale] Nashi synov'ia; povest'. [Gor'kii] Gor'kovskoe kn-vo, 1956. 313 p.

ISAAKIAN, AVETIK. [Selected works; in two volumes [Translated from the Armenian.]] Izbrannye sochine-niia; v dvukh tomakh. [Perevod s armianskogo.] Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Poetry] Poeziia. 1950. 346 p.

KAKHKHAR, ABDULLA. [The silk rug (On new land); a comedy in three acts, four scenes, with an epilogue] Shelkovoe siuzane (Na novoi zemle); komediia v trekh deistviiakh, chetyrekh kartinakh, s epilogom. Tash-kent, Gos. izd-vo Uzbek SSR, 1954. 117 p.

KATAEV, VALENTIN. [Collected works; in five volumes] Sobranie sochinenii; v piati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 3. [For the power of the Soviets] Za vlast' Sovetov. 1956. 693 p.

KERLIN, A.A., and M.D.KUZNETS. [Compound verbs in modern English] Sostavnye glagoly v sovremennom angliiskom iazyke. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningrad-skoe otd-nie, 1956. 125 p.

KIRABROVITSKII, D. IA. [Breaking the sound barrier; sketches] Shturm "zvukovogo bar'era"; ocherki. Moskva, Izd-vo "Pravda," 1956. 47 p. (Biblioteka "Ogonek," no. 42)

KISLIK, NAUM [A conversation with friends] Razgovor s druz'iami. Minsk, Gos. izd-vo BSSR, 1956. 77 p.
(MH)

KONDRATENKO, VIKTOR. [Kursk sector; a novel] Kurskaia duga; roman. Kiev, "Radianskyi pys'mennyk," 1956. 239 p.

KONONOV, A.N. [A grammar of the modern Turkish literary language] Grammatika sovremennogo turet-skogo literaturnogo iazyka. Moskva, Izd-vo Akade-mii nauk SSSR, 1956. 569 p.

KOPTIAEVA, A.D. [Comrade Anna; a novel] Tovarishch Anna; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 397 p.
(MiU)

KOTSIUBYNS'KYI, MYKHAILO. [Works] Tvory. Zahal'-na red. ta vstup. stattia P. H. Tychyny. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1955-1956. 3 v.
(MiU)

KOVALEVSKII, VIACHESLAV. [Deep snow; a tale and stories] Glubokii sneg; povest' i rasskazy. Moskva, Sovetskii pisatel', 1956. 262 p.

KREMLEV, IL'IA. [Bolsheviks; a trilogy] Bol'sheviki; trilogiia. Moskva, Sovetskii pisatel'.
Vol. 1. [Two families] Dve sem'i. 1956. 563 p.
Vol. 2. [Wolves] Volki. 1956. 585 p.
Vol. 3. [Soldiers of the revolution] Soldaty revo-liutsii. 1956. 489 p.

KRISHTOPA, V.M., and KIM YON-BOK. [Grammar of the Russian language; a textbook for classes 5 and 6 of Korean schools] Grammatika russkogo iazyka; uchebnik dlia 5 i 6 klassov koreiskikh shkol. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva pro-sveshchenila RSFSR.
Pt. 1. [Phonetics and morphology] Fonetika i mor-phologiia. 1956. 291 p.

KRYLOV, I.A. [Fables] Basni. Izd. podgotovil A. P. Mo-giliianskii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 035 p. (Literaturnye pamiatniki)

KUZNETSOV, N.V. [Sketches of hunting with an Eskimo dog] Zapiski okhotnika s laikoi. [Iaroslavl'] IAro-slavskoe kn-vo, 1955. 109 p.

LENAU, NIKOLAUS. [Verse, Jan Zhyzhka; a narrative poem. Translated from the German by V.Levik. Stikho-tvoreniia. IAn Zhizhka; poema. Perevod s nemetskogo V.Levika. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 206 p.

LENINGRAD. UNIVERSITET. [Mikhail Sholokhov; a col-lection of articles] Mikhail Sholokhov; sbornik statei. [Leningrad] Izd-vo Leningradskogo univ. 1956. 273 p.

[A LITERARY ANTHOLOGY FOR CLASS 9] Khrestoma-tiia po literature dlia IX klassa. Erevan, Armuchped-giz, 1950. 306 p. [In Armenian.]

LOMAN, O.V. [The N.A.Nekrasov Memorial State Museum; a guidebook] Gosudarstvennyi memorial'nyi muzei N.A. Nekrasova; putevoditel'. [Leningrad] Lenizdat, 1956. 100 p.

LOMTEV, T.P. [A grammar of the White Russian lan-guage; a textbook for universities and pedagogical institutes] Grammatika belorusskogo iazyka; posobie dlia universitetov i pedagogicheskikh institutov. Mo-skva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 335 p.

L'PERIN, A.A. [Why we speak as we do] Pochemu my tak govorim. Barnaul, Altaiskoe kn-vo, 1956. 46 p.

LVOV. UNIVERSYTET. [Ivan Franko; articles and papers] Ivan Franko; statti i materialy. [L'viv] Vyd-vo L'vivs'koho univ.
Vol. 6. 1956. 421 p.

[M. IU. LERMONTOV IN RUSSIAN CRITICISM; a collection of articles] M. IU. Lermontov v russkoi kritike; sbor-nik statei. Vstup. stat'ia i primechanila D. Zonova. Moskva, Goslitizdat, 1951. 293 p.
(CLU)

MAT'E, M.E. [An Egyptian boy's day; a historical tale] Den' egipetskogo mal'chika; istoricheskaia povest'. [Izd. 2-oe] Moskva, Gos. izd-vo detskoi lit-ry, 1956. 140 p. [Shkol'naia biblioteka]

NAKASHIDZE, N. [Recollections] Vospominanila. Tbilisi, Ministerstvo prosveshchenila GSSR, Detiunizdat, 1956. 216 p. [In Georgian.]

NAL'SKII, IA.I. [People's poet] Narodnyi poet. Stalina-bad, Tadzhikgosizdat, 1955. 192 p.

NATSAGDORZH, D. Zokhiolyn tüüver. Emkhtgegch B. Sodnom. Red. TS. Damdunsuren. Ulaanbaatar, Ulsyn khevlel, 1955. 298 p. [In Mongolian.]

NECHVOLODOVA, N.P., and L.S.REZNICHENKO. [Le-nin's youth; a tale] IUnost' Lenina; povest'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1955. 245 p.

NIAM'TSOU, V. [Invisible paths] Niabachnyia shliakhi. Pereklad z perapr. i dap. vyd. Minsk, Dziarzh. vyd-va BSSR, 1956. 261 p.

NIKANOROVA, E.I. [Method of conducting dictionary work in a course on the history of the ancient world] Metodika slovarnoi raboty v kurse istorii drevnego mira; iz opyta raboty. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 38 p.

OKHRIMENKO, VASYL'. [Three dreams; in pantomines] Try sny; v pantomimakh. Mel'born, V-vo "Kometa," 1955. 47 p.

OKHRIMENKO, VASYL'. [The widow; from the collection "Volotsiuha"] Udova; iz zbirky "Volotsiuha." Mel'born, Vyd-vo "Kometa," 1955. 31 p.

OKHRIMENKO, VASYL'. Uliana. Mel'born, V-vo "Ko-meta," 1954. 32 p.

ORAGVELIDZE, M.F. [Friendship] Druzhba. Khudozhnik R.Sturua. Tbilisi, Ministerstvo prosveshchenila GSSR Detiunizdat, 1955. 328 p. [In Georgian.]

ORLOV, VLADIMIR. [Daring thought] O smeloi mysli. Izd. 3-e, dop. Moskva, Detgiz, 1954. 160 p. (Shkol'-naia biblioteka)
(NN)

PILIAR, IURII. [All this happened; a tale] Vse eto bylo; povest'. Moskva, Sovetskii pisatel', 1956. 237 p.

PISAREV, D.I. [Realists] Realisty. Moskva, Goslit-izdat, 1956. 189 p.
(CLU)

PLOTKIN, GRYHORII. [Heralds of freedom; a tale in verse. Translated from the Ukrainian] Vestniki svobo-dy; povest' v stikhakh. Avtoriz. perevod s ukrainskogo Dm. Sedykh. Moskva, Sovetskii pisatel', 1956. 110 p.

[POETRY OF THE WESTERN AND SOUTHERN SLAVS: POLISH, CZECH, SLOVAK, BULGARIAN, SERBIAN, CROATIAN AND SLOVENIAN] Poeziia zapadnykh i iuzhnykh slavian: pol'skaia, cheshskaia, slovatskaia, bolgarskaia, serbskaia, khorvatskaia, slovinskaia. Leningrad, Detgiz, 1955. 501 p.
(NN)

POPOVKIN, E.E. [S.N. Sergeev-TSenskii; a literary portrait] S. N. Sergeev-TSenskii; literaturnyi portret. Moskva, Izd-vo "Pravda," 1956. 31 p. (Biblioteka "Ogonek," no. 41)

POTOTSKAIA, V.V. [Russian-French [and French-Russian] dictionary] Russko-frantsuzskii [frantsuzsko-russkii] slovar'. Izd. 6-oe. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei.
Vol. 1. [Russian-French dictionary] Russko-fran-tsuzskii slovar'. 1955.
Vol. 2. [French-Russian dictionary] Frantsuzsko-russkii slovar'. 1955.
(CLU)

PUNCHENOK, ALEKSANDR. [A few stories] Neskol'ko istorii. [Moskva] Izd-vo TsK VLKSM "Molodaia dvardiia," 1956. 270 p.

PUSHKIN, A.S. [Complete collected works; in ten volumes] Polnoe sobranie sochinenii; v desiati tomakh. Izd. 2-oe. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. [Poems, 1813-1820] Stikhotvoreniia, 1813-1820. 1956. 535 p.

RABINOWITZ, SHALOM. [Stories. Translated from the Yiddish] Rasskazy. Perevod s evreiskogo A.M.Nusi-nova. Moskva, Izd-vo "Pravda," 1956. 47 p. (Biblio-teka "Ogonek," no. 47) [Publ. under his pseud. Sholom Aleichem.]

REMIZOVA, O.M., and M.L. KAGANOVA. [A reader for the second grade in auxiliary schools] Kniga dlia chte-niia; dlia vtorogo klassa vspomogatel'nykh shkol. Izd. 3-e. Moskva, Gos. uchebno-pedagog. izd-vo Minister-stva prosveshchenila RSFSR, 1956. 262 p.

RINCHEN. [Dawn over the steppes; a novel] Uuriin tuiaa; tüükhen roman. Red. TS. TSedenzhav. Ulaanbaatar, Ulsyn khevlekh uildver. [In Mongolian.]
Vol. 1. [Under the Manchu yoke] Manzhiin telkhind. 1951. 218 p.
Vol. 2. [The way of sorrows] Gal usny gashuun zov-lon. 1951. 258 p.
Vol. 3. [Reconquered motherland] Baildazh olson ekh oron. 1955. 344 p.

ROZENTAL', D.E. [Speech cultivation for the speaker] Kul'tura rechi lektora. Moskva, Gos. izd-vo Kul'tur-no-prosvetitel'noi lit-ry, 1956. 39 p. (Bibliotechka v pomoshch' lektoru, no. 19)

RURUA, F.I. [The Georgian language; a textbook for class 7 in non-Georgian schools] Gruzinskii iazyk; uchebnik dlia VII klassa negruzinskikh shkol. Tbilisi, Gosizdat, Gruzinskoi SSR, 1956. 93 p. [In Georgian.]

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Programs for schools and other institutions; reading contests for school children. A methodological letter] Programmy vneshkol'nykh uchrezhdenii i shkol; smotry khudozhestvennogo chteniia shkol'nikov, metodicheskoe pis'mo. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 30 p.

[A RUSSIAN-FINNISH DICTIONARY] Russko-finskii slovar'. Okolo 25,000 slov. Red. D. E. Milanova. Izd. 3-e, ispr. i dop. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei, 1946. 384 p.
(NN)

SARYBAEV, SH. SH. [Bibliography of Kazakh linguistics] Kazak til biliminin bibliografialyk kórsetkishi. Zhauapty red. S. K. Kenesbaev. Almaty, Kazak SSR ģylym Akademiiasynyn baspasy, 1956. 94 p. [In Kazakh.]

SAWCZUK, P. [Selected works; a jubilee edition in one volume. On the occasion of the twenty fifth anniversary of his literary activity] Vybrani tvory; iuvileine vydannia v odnomu tomi. Na vidznachennia dvadtsiatyp'iatyrichchia literaturnoi tvorchosty. N'iu-Iork, Nakl. Prykhyl'nykiv tvorchosty avtora, 1955. 156 p.

SCHERFIG, HANS. [The vanished official; a novel. Translated from the Danish] Propavshii chinovnik. Perevod s datskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 182 p.

SEVAK, GURGEN. [Syntax of the Armenian language; a textbook for class 7] Armianskii iazyk sintaksis; uchebnik dlia VII klassa. Izd. 14-oe. Erevan, Armuchpedgiz, 1956. 158 p. [In Armenian.]

SHOLOKHOV, M. A. [Collected works] Sobranie sochinenii. Teksty ispravleny avtorom. Moskva, 1956-. 7 v.
(CLU)

SHUO, YANG. [Land of mountains and rivers. Translated from the Chinese] Strana gor i rek. Perevod s kitaiskogo V. Stabnova i IA. Shuravina. Red. A. Kostitsyn. Moskva, Izd-vo inostrannoi lit-ry, 1956. 183 p.

SHVETSOV, SERGEI. [Verse of various years] Stikhi raznykh let. Moskva, Izd-vo "Pravda," 1956. 31 p. (Biblioteka "Ogonek," no. 46)

SHYIAN, ANATOL'. [The storm; a novel. Translated from the Ukrainian] Groza; roman. Avtoriz. perevod s ukrainskogo L. Nesterenko i N. Rogovoi. Moskva, Sovetskii pisatel', 1956. 409 p.

SKORINO, L.I. [Seven portraits] Sem' portretov. Moskva, Sovetskii pisatel', 1956. 409 p.

SMIRNOV, S.S. [Fortress on the Bug; a heroic drama in four acts with a prologue] Krepost' nad Bugom; geroicheskaia grama v chetyrekh deistviiakh s prologom. Moskva, Gos. izd-vo "Iskusstvo," 1956. 116 p.

STADNIUK, IVAN. [People with weapons; tales and stories] Liudi s oruzhiem; povesti i rasskazy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 471 p.

lec-
s-

v-

;
-

IER-
;

TEKUCHEV, A.V. [A collection of Russian dictations for classes 8-10 in non-Russian schools; a manual for teachers of Russian] Sbornik diktantov po russkomu iazyku v VIII-X klassakh nerusskikh shkol; posobie dlia prepodavatelei russkogo iazyka. Izd. 3-e, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 183 p.

TELESHOV, N. D. [Selected works; in three volumes] Izbrannye sochinenila; v trekh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Tales and stories] Povesti i rasskazy. 1956. 381 p.
Vol. 2. [Stories, tales, legends, and folk tales] Rasskazy, povesti, legendy i skazki. 1956. 381 p.
Vol. 3. [A writer's notebook: Reminiscences and stories of the past] Zapiski pisatelia: Vospominanila i rasskazy o proshlom. 1956. 397 p.

TOLSTOI, L. N. [The invasion. A Prisoner of the Caucasus] Nabeg. Kavkazskii plennik. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 56 p.

TULINOV, F. [Open terrain; stories] Otkrytyi grunt; rasskazy. [Moskva] Voen. izd-vo Ministerstva obor. SSSR, 1955. 48 p. (Bibliotechka zhurnala Sovetskii voin, no. 17(276))
[MICROFILM]

TURGENEV, I. S. [Collected works] Sobranie sochinenii. Moskva, Gos. izd-vo khudozh. lit-ry, 1953-. 12 v.
(NcU)

TUSHKAN, GEORGII. Dzhura. Izd. perer. i dop. Risunki I. Neznalkina. Frunze, Kirgizskoe gos. uchebno-pedagog. izd-vo, 1956. 570 p.

[TWENTY-FIFTH SPRING; an almanac of Azerbaijani literature] Dvadtsat' piatala vesna; [al'manakh azerbaidzhanskoi literatury] [Red. Aziz Sharif i dr.] [Baku] Azerneshr, 1945. 470 p.

UPITS, ANDREJS. [Collected works; in twelve volumes] Translated from the Latvian] Sobranie sochinenii; v dvenadtsati tomakh. [Perevod s latyshskogo.] Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. Rasskazy. 1956. 654 p.

USHAKOV, M. V. [Study of mistakes as a means of improving students' writing; a practical method] Rabota nad oshibkami kak sredstvo podniatila gramotnosti uchashchikhsia; metodicheskoe pis'mo. Izd. 2-oe, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 28 p.

VARDUNI, L., and G. NERSISIAN. [Armenian language reader; textbook for classes 6 and 7] Kniga dlia chteniia po armianskomu iazyku; uchebnik dlia VI-VII klassov nearmianskikh shkol. Erevan, Armuchpedgiz, 1956. 146 p. [In Armenian.]

VARDUNI, L., and T. DZHUGARIAN. [Armenian literature; a reader for classes 8-10 in non-Armenian schools] Armianskaia literatura; kniga dlia chteniia v VIII-X klassakh nearmianskikh shkol. Erevan, Armuchpedgiz, 1956. 267 p. [In Armenian.]

VASIL'EV, SERGEI. [Lyrics and satires] Lirika i satira. Kurgan, 1955. 574 p.

VAZOV, IVAN. [Works; in six volumes. Translated from the Bulgarian] Sochinenila; v shesti tomakh. Perevod s bolgarskogo. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Verse and narrative poems] Stikhotvoreniia i poemy. 1956. 830 p.

[VERSE OF 1955] Stikhi 1955 goda. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 390 p.

VEZHINOV, PAVEL. [War stories. Translated from the Bulgarian] Voennye povesti. Perevod s bolgarskogo A. Sobkovicha i N. Popova. Moskva, Izd-vo inostrannoi lit-ry, 1950. 172 p.
(OCl)

VINOGRADOV, ANATOLII. [Three colors of time; a novel in four parts] Tri tsveta vremeni; roman v chetyrekh chastiakh. Predisl. A.M.Gor'kogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 637 p.

VOEVODIN, F.V., and E.R.TALUNTIS. [Not long ago...] Sovsem nedavno... Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 201 p.

VOLKODAEV, PETR. [Builders; sketches] Stroiteli; ocherki. Minsk, Gos. izd-vo BSSR, 1956. 168 p.

[THE WRITER'S WORK; a collection of articles and addresses by Soviet authors] O pisatel'skom trude; sbornik statei i vystuplenii sovetskikh pisatelei. [Red. M. IA. Malkhazova.] Moskva, Sovetskii pisatel', 1955. 377 p.
(NN)

[YASNAYA POLYANA COLLECTION; literary and critical articles and papers on the life and works of L. N. Tolstoi] IAsnopolianskii sbornik; literaturno-kriticheskie stat'i i materialy o zhizni i tvorchestve L. N. Tolstogo. [Tula] Tul'skoe kn-vo, 1955. 333 p.

YEH, SHENG-T'AO. [Teacher Ni Huan-chih; a novel] Uchitel' Ni Khuan'-Chzhi; roman. Ranskazy. Perevod s kitaiskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 325 p.

[YOUTH'S NOTEBOOK; young Uzbek writers' almanac] Tetrad' molodosti; al'manakh molodykh pisatelei Uzbekistana. Tashkent, Gos. izd-vo Uzbekskoi SSR.
Vol. 5. 1956. 132 p.

ZARIAN, R. V. [The struggle for Russian drama in the Armenian theater; a historical account] Bor'ba za russkuiu dramaturgiiu v armianskom teatre; iz istorii voprosa. Erevan, Armianskoe gos. izd-vo, 1954. 170 p. [In Armenian.]

ZELINSKII, K. [A. A. Fadeev; a critical and biographical sketch] A. A. Fadeev; kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1956. 230 p.

ZEROV, MYKOLA. Sonnetarium; [Ukrainian poems]. [n.p.] Vyd-vo "Orlyk," 1948. 196 p.

ZHADAEV, ZHAMBYL. [Poems] Stikhi. Tashkent, Gos. uchebno-pedagog. izd-vo UzSSR, 1953. 110 p.

ZOLOTAREVA, E. D. [Literary news; a recommended reading list] Novinki khudozhestvennoi literatury; kratkii rekomendatel'nyi ukazatel'. Pod red. IU. S. Zubova. Moskva, Gos. bib-ka im. V. I. Lenina.
No. 1. [Soviet literature] Sovetskaia literatura. 1956. 51 p.

ZWEIG, STEPHAN. [The chess story. Translated from the German] Shakhmatnaia novella. Perevod s nemetskogo V. K. Efanovoi. Moskva, Izd-vo "Pravda," 1956. 47 p. (Biblioteka "Ogonek," no. 43)

## 12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent, Institut geologii. [Transactions of the all-Union working congress on the results of the study of the Quaternary Period, in Tashkent in 1948] Trudy vsesoiuznogo rabochego soveshchanila po itogam izuchenila chetvertichnogo perioda v gor. Tashkente v 1948 g. Tashkent, 1953. 283 p.

ANUCHIN, V. A. [Geography of Soviet Transcarpathia] Geografiia Sovetskogo Zakarpat'ia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 294 p.

BANZARAGCHI, B. [The Mongolian People's Republic; a geographical, political and economic sketch] Mongol'skaia Narodnaia Respublika; geograficheskii i politiko-ekonomicheskii ocherk. Ulan-Bator, 1951. 71 p.

BELIAKOU, M.F. [Orientation without maps. Translated from the Russian] Aryentavanne na mlastsovasisi bez karty. Pereklad z ruskaha vydannia. Minsk, Dziarzh. vyd-va BSSR, 1956. 47 p.

[THE BLACK SEA COAST OF THE CAUCASUS; an album of views] Chernomorskoe poberezh'e Kavkaza; al'bom vidov. [Moskva] Izogiz, 1955. (unpaged, chiefly illus.)

BOROVIK, GENRIKH. [Far, far away; Vietnam notes] Daleko-daleko; V'etnamskie zapiski. Moskva, Izd-vo "Pravda," 1956. 47 p. (Biblioteka "Ogonek," no. 45)

BOTVINKINA, L. N., and others. [Atlas of lithogenous type middle carboniferous coal deposits in Donets Basin] Atlas litogeneticheskikh tipov uglenosnykh otlozhenii srednego karbona Donetskogo basseina. Moskva, Izd-vo Akademii nauk SSSR, 1956. 367 p.

CENTKIEWICZ, ALINA, and CZESLAW CENTKIEWICZ. [Conquest of the Arctic. Translated from the Polish] Zavoevanie Arktiki. Perevod s pol'skogo K. A. Radvilovicha i Cheslava Vol'skogo. Pod red. N. N. Zubova. Moskva, Izd-vo inostrannoi lit-ry, 1956. 307 p.

[DIARIES OF K. P. PAKHTUSOV AND S. A. MOISEEV] Dnevnye zapiski P. K. Pakhtusova i S. A. Moiseeva. Moskva, Gos. izd-vo geogr. lit-ry, 1956.

DRUSHCHITS, V.V. [Lower Cretaceous ammonitos of the Crimea and the Northern Caucasus; Lytoceratidae, Tetragonitidae and Phylloceratidae] Nizhnemelovye ammonity Kryma i Severnogo Kavkaza; litotseratidy, tetragonitidy i filloteratidy. [Moskva] Izd-vo Moskovskogo univ., 1956. 149 p.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. [Problems in geography; a collection of articles for the 18th International Geographical Congress] Voprosy geografii; sbornik statei dlia XVIIIgo Mezhdunarodnogo geograficheskogo kongressa. Moskva, Izd-vo Akademii nauk SSSR, 1956. 394 p.

GOLUBKINA, I., and N. FEDOROVA. [Lake Seliger; itineraries for tours and excursions] Ozero Seliger; marshruty turistskikh puteshestvii i ekskursii. [Moskva] Izd-vo VTsSPS Profizdat, 1951. 61 p.

GRIM, RALPH E. [Clay mineralogy. Translated from the English] Mineralogiia glin. Perevod s angliiskogo B.B. Zviagina i dr. Pod red. i s predisl. V.A.Frank-Kamenetskogo. Moskva, Izd-vo inostrannoi lit-ry, 1956. 454 p.

GRUDZINSKII, M. E. [Through the valley of the Malaya Almatinka; a guidebook] Po doline Maloi Almatinki; putevoditel'. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 110 p.

HAVRYLIUK, V.S., and L.O.RECHMEDIN. [The natural setting of Kiev and its environs; physical geography characteristics] Pryroda Kyieva ta joho okolyta'; fizyko-geograficbna kharakterystyka. [Kyiv] Vyd-vo Kyivs'koho derzh. univ. im. T.H.Shevchenka, 1956. 68 p.

KOKOSOV, N. M., V. I. NIKULIN, and V. I. KHARIN. [The Khanti-Mansi National Area; a sketch of its natural resources and economy] Khanty-Mansiiskii natsional'nyi okrug; ocherk prirody i khoziaistva. Sverlovsk, Izd-vo Akademii nauk SSSR, Ural'skii filial, 1956. 102 p.

KSIĄZKIEWICZ, M., and J. SAMSONOWICZ. [A sketch of the geology of Poland. Translated from the Polish] Ocherk geologii Pol'shi. Perevod s pol'skogo V. S. Petrenko i I. M. Petrenko. Pod red. i s predisl. N. I. Nikolaeva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 239 p., 2 fold. maps.

LEVITES, IA.M. [Historical geology and the principles of paleontology] Istoricheskaia geologiia s osnovami paleontologii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 314 p.

LIVINGSTONE, DAVID. [Journeys and explorations in South Africa from 1840 to 1856] Puteshestviia i issledovaniia v IUzhnoi Afrike s 1840 po 1856. [Perevod s angliiskogo N. M. Pul'khitudova.] Moskva, Gos. izd-vo geogr. lit-ry, 1955. 300 p.
(OCl)

MATKOVSKII, N. V. [Commonwealth of Australia] Avstraliiskii Soiuz. Moskva, Izd-vo "Znanie," 1956. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, no. 27)

MURZAEV, E. M. [Northeastern China; a study in physical geography] Severo-vostochnyi Kitai; fiziko-geograficheskoe opisanie. Moskva, Izd-vo Akademii nauk SSSR, 1955. 250 p.

OBUT, A.M. [Field atlas of leading graptolites of the Upper Silurian in the Kirghiz S.S.R.] Polevoi atlas rukovodiashchikh graptolitov verkhnego silura Kirgizskoi SSR. Pod red. B. P. Markovskogo. Frunze, Izd-vo Kirgizskogo filiala Akademii nauk SSSR, 1949. 56 p.

OSIPOV, I. Z. [Sakhalin notes] Sakhalinskie zapisi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 285 p.

PAVLENKO, V.F. [The national economy of the Kirkhiz S.S.R.; a brief study in economic geography] Narodnoe khoziaistvo Kirgizskoi SSR; kratkii ekonomiko-geograficheskii ocherk. Frunze, Kirgizskoe gos. izd-vo, 1955. 75 p.

[REGIONAL STUDIES IN THE SCHOOL; a collection of articles] Kraevedenie v shkole; sbornik statei. [Gor'kii] Gor'kovskoe kn-vo, 1953. 97 p.

SHAGINIAN, M. [Journey through Soviet Armenia] Puteshestvie po Sovetskoi Armenii. Erevan, Aipetrat, 1952. 427 p. [In Armenian.]

SHOMYSOV, N.M. [Geological excursions through Gorkiy Province] Geologicheskie ekskursii po Gor'kovskoi oblasti. [Gor'kii] Gor'kovskoe kn. izd-vo, 1954. 247 p.

SINGER, M. E. [Far to the north] Daleko na severe. Risunki G. Nikol'skogo. Moskva, Detgiz, 1955. 93 p. (NN)

SOBOTOVICH, I.D., and E.P.SOBOTOVICH. [Moscow from the deck of a motorship; a guidebook] Moskva s borta teplokhoda; putevoditel'. Moskva, Rechnoi transport, 1955. 214 p.

SOKOLOV, K.P. [Geological interpretation of magnetic prospecting data] Geologicheskoe istolkovanie magnitorazvedochnykh dannykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 126 p.

SOKOLOV-MIKITOV, I.S. [The green land] Zelenyi krai. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 157 p.

SOVESHCHANIE PO STRATIGRAFII UGLENOSNYKH OTLOZHENII, 2d, 1956. [Problems in the geology of the Kuznetsk Basin] Voprosy geologii Kuzbassa. Moskva, Ugletekhizdat.
Vol. 1. 1956. 248 p.

VSESOIUZNOE SOVESHCHANIE PO TEKTONIKE AL'PIISKOI GEOSINKLINAL'NOI OBLASTI IUGA SSSR, Baku, 1954. [Proceedings of a conference of the tectonics of the alpine geosynclinal region of the southern U.S.S.R.] Trudy soveshchaniia... Baku, Izd-vo Akademii nauk Azerbaidzhanskoi SSR, 1956. 377 p.

WU, CHUANG-TA. [Taiwan. Translated from the Chinese] Taivan'. Perevod so vtorogo kitaiskogo izdaniia M. A. Butenko i V. P. Iliushechkina. Avtor predisl. A. M. Astrakhanskii. Red. P. I. Glushakova. Moskva, Izd-vo inostrannoi lit-ry, 1955. 66 p.

## 13. SCIENCE

AGRANOVICH, Z.S., and A.IA. POVZNER. [The application of operational methods to the solution of some problems in mathematical physics] Primenenie operatsionnykh metodov k resheniiu nekotorykh zadach matematicheskoi fiziki. Khar'kov, Izd-vo Khar'kovskogo gos. univ. imeni A.M.Gor'kogo, 1954. 53 p.

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi biologii. [Problems of the immunology of normal and malignant tissue] Voprosy immunologii normal'nykh i zlokachestvennykh tkanei. Pod obshchei red. I. N. Maiskogo. Moskva, Gos. izd-vo med. lit-ry, 1956. 294 p.

AKADEMIIA NAUK SSSR. [General meeting of the Academy of sciences of the U.S.S.R. devoted to the observance of the thirtieth anniversary of the Great Socialist revolution] Obshchee sobranie Akademii nauk SSSR posviashchennoe tridtsatiletiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; doklady, 23 oktiabria - 2 noiabria 1947 goda. Moskva, 1948. 718 p.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. [The ephemerides of minor planets for 1957] Efemeridy malykh planet na 1957 god. Moskva.
Vol. 11. 1956. 170 p.

AKADEMIIA NAUK SSSR. IUbileinaia sessiia, Moscow, 1945. [220th anniversary of the Academy of Sciences of the U.S.S.R.; in two volumes] 220 let Akademii nauk SSSR; v dvukh tomakh. [Red. kollegiia S.I.Vavilov i dr. Sost. V.A.Kovda i dr.] Moskva.
Vol. 1. 1948. 430 p.

AKADEMIIA NAUK SSSR. Kommissiia po estestvennoistoricheskomu raionirovaniiu SSSR. [Transactions of the Commission of the subdivision of the U.S.S.R. by natural history features] Trudy... Glav. red. S.G.Strumilin. Moskva.
Vol. 1. [Subdivision of the U.S.S.R. by natural history features] Estestvennoistoricheskoe raionirovanie SSSR. Otv. red. D.G.Vilenskii. 1947. 372 p., fold. map (in pocket)

AKADEMIIA NAUK SSSR. Otdelenie biologicheskikh nauk. [Abstracts of reports on scientific research during 1945] Referaty nauchno-issledovatel'skikh rabot za 1945 god. Moskva, 1947. 385 p.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. [Transactions of the third session of the Turkmen Academy of Sciences; May 3-6, 1952] Trudy tret'ei sessii...; 3-6 maia 1952 g. Pod obshchei red. T. B. Berdyeva. Ashkhabad, 1953. 232 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut matematiki i mekhaniki. [Meteorology and hydrology in Uzbekistan] Meteorologiia i gidrologiia v Uzbekistane. Tashkent, 1955. 326 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, MOSCOW. Institut metodov obuchenila. [Experience in teaching biology; a collection of articles] Opyt prepodavaniia biologii; sbornik statei. Pod red. E.A.Flerovoi, A.E.Stavrovskogo i V.F.Shalaeva. Moskva, 1956. 254 p. (Pedagogicheskaia biblioteka uchitelia)

ALIMDZHANOV, R. A., and TS. G. BRONSHTEIN. [Invertebrates of Zeravshan Valley; a systematic catalog of species with an indication of the beneficial and injurious forms] Bespozvonochnye zhivotnye Zeravshanskoi doliny; sistematicheskii perechen' vidov s ukazaniem poleznykh i vrednykh form. Tashkent, Izd-vo Akademii nauk UzSSR, 1956. 348 p.

BAEV, K. L. [The earth and the planets] Zemlia i planety. Izd. 2-oe, perer. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 46 p. (Nauchno-prosvetitel'naia biblioteka, no. 12)

BEME, L. B. [Songbirds; catching them, caring for and observing them in captivity] Pevchie ptitsy; lovlia, soderzhanie i nabliudenie za nimi v nevole. Izd. 2-oe. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 206 p.

BERMANT, A. F. [A course in mathematical analysis] Kurs matematicheskogo analiza. Izd. 6-oe, stereotip. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry.
Pt. 2. 1956. 358 p.

BORODACHEV, N. A. [Principles for computing allowances and errors in dimensional and kinematic chains] Obosnovaniia metodiki rascheta dopuskov i oshibok razmernykh i kinematicheskikh tsepei. Moskva, Izd-vo Akademii nauk SSSR.
Pt. 2. [Vector errors, linkage errors, effect of adjustment] Vektornye oshibki, svlazannye oshibki, vliianie regulirovok. 1946. 225 p.

BREITBURG, A. M. [Physiology of nutrition] Fiziologiia pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1955. 304 p.
(DA)

CHERDYNTSEV, V. V. [Distribution of chemical elements] Rasprostranennost' khimicheskikh elementov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 360 p.

DANILOV, V. I. [Structure and crystallization of liquids; selected articles] Stroenie i kristallizatsiia zhidkosti; izbrannye stat'i. Pod red. V. G. Kurdiumova. Kiev, Izd-vo Akademii nauk UkSSR, 1956. 566 p.

DERIAGIN, B.V. [The nature of molecular forces and their significance in science and practice] Priroda molekuliarnykh sil i ikh znachenie v nauke i praktike. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 35)

DUKOV, V.M. P.N.Lebedev. Izd. 2-oe. Moskva, Gos. uchebo-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 117 p. (Klassiki fiziki)

DZHELEPOV, B. S., and L. N. ZYRIANOVA. [Influence of the electric field of the atom on beta decay] Vliianie elektricheskogo polia atoma na beta-raspad. Moskva, Izd-vo Akademii nauk SSSR, 1956. 312 p.

[THE FLORA OF KIRGHIZISTAN; classification of the plants of Kirghizistan] Flora Kirgizskoi SSR; opredelitel' rastenii Kirgizskoi SSR. Sost. E. V. Nikitina i dr. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR.
Vol. 1. [Pteridophyta, Gymnosperms and Monocotyledons of the Angiosperms ] Paporotnikoobraznye, golosemennye i odnodol'nye iz pokrytosemennykh. 1952. 103 p.
Vol. 2. [Grasses and sedges] Zlaki i osokovye. 1950. 315 p.
Vol. 3. [Aroidae - Orchidaceae] Aroidnye - Orkhidnye. 1951. 148 p.
Vol. 4. [Salicaceae - Polygonaceae] Ivovye - Grechishnye. 1953. 153 p.
Vol. 5. [ Families: Chenopodiaceae, Amaranthaceae, Portulacaceae, Caryophyllaceae] Semeistva: Marevye, Amarantovye, Portulakovye, Gvozdichnye. 1955. 185 p.
Vol. 6. [Families: Ceratophyllaceae, Ranunculaceae, Berberidaceae, Papaveraceae, Caparidacea ceae, Cruciferae] Semeistva: Rogolistnikovye, Liutikovye, Barbarisovye, Makovye, Kapersovye, Krestotsvetnye. 1955. 297 p.

[THE FLORA OF UZBEKISTAN] Flora Uzbekistana. Glav. red. E.P.Korovin. Tashkent, Izd-vo Akademii nauk UzSSR.
Vol. 3. (Red. A.I.Vvedenskii. Sost. A.G.Borisova i dr.). 1955. 825 p.

GERD, S.V. [Terrariums in the schools; our amphibians and reptiles] Terrarium v shkole; nashi zemnovodnye i presmykaiushchiesia. Posobie dlia uchitelei srednei shkoly. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenita RSFSR, Leningradskoe otd-nie, 1956. 134 p.

GIL'ZIN, K. A. [Travels to distant worlds] Puteshestvie k dalekim miram. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 276 p.

GRIGOROV, O.N., and others. [Manual of experiments in colloid chemistry] Rukovodstvo k prakticheskim zaniatiiam po kolloidnoi khimii. [Leningrad] Izd-vo Leningradskogo univ., 1955. 211 p.

ISAENKO, L. A., and I. K. SAPOZHNIKOV. [Natural science (life of animals); textbook for the 6th grade in auxiliary schools] Estestvoznanie (zhizn' zhivotnykh); uchebnik dlia 6-go klassa vspomogatel'nykh shkol. Izd. 8-oe. Moskva, Gos. uchebno-pedagog. izdvo Ministerstva prosveshchenitia RSFSR, 1956. 141 p.

IUSHCHENKO, A. P. [A system of least squares] Sposob naimen'shikh kvadratov. Leningrad, Izd-vo "Morskoi transport," 1956. 163 p.

IVANITSKII, M.F. [Human anatomy] Anatomiia cheloveka. 3-e izd., perer. Moskva, Fizkul'tura i sport, 1956. 548 p. illus.
(DAFM)

KARPOV, K. A., and S. N. RAZUMOVSKII. [Tables of integral logarithms] Tablitsy integral'nogo logarifma. Moskva, Izd-vo Akademii nauk SSSR, 1956. 316 p.

blems and
teachers]
ietrii; posobie
izd-vo

LEVIN, B. IU. [A physical theory of meteors and meteoric matter in the solar system] Fizicheskaia teoriia meteorov i meteornoe veshchestvo v solnechnoi sisteme. Moskva, Izd-vo Akademii nauk SSSR, 1956. 293 p.

MARKOVSKII, IU. M. [Conditions of existence and methods of utilizing invertebrates of the lower reaches of rivers of Ukraine] Fauna bespozvonochnykh nizov'ev rek Ukrainy, usloviia ee sushchestvovaniia i puti ispol'zovaniia. Kiev, Izd-vo Akademii nauk Ukrainskoi SSR.
Pt. 3. [Waters of Kiliya Delta of the Danube] Vodoemy Kiliiskoi del'ty Dunaia, 1955. 278 p.

MIRONOVA, N. V. [The feeding and growth of young codfish along the eastern Murman Coast] Pitanie i rost molodi treskovykh ryb v pribrezhnoi zone Vostochnogo Murmana. Moskva, Izd-vo Akademii nauk SSSR, 1956. 98 p.

MUROMTSEV, A.M. [The ocean] Mirovoi okean. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 85 p. (Nauchno-populiarnaia biblioteka)

MUSABAEVA, N.A. [The physiological basis of sensory perception in the light of I.P.Pavlov's teaching regarding the higher nervous activity] O fiziologicheskoi osnove chuvstvennogo poznaniia v svete uchenita I.P. Pavlova o vysshei nervnoi deiatel'nosti. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 86 p.

NAUCHNAIA KONFERENTSIIA ASPIRANTOV I MOLODYKH NAUCHNYKH RABOTNIKOV, 7th, Tiflis, 1956. [Plan of proceedings and the main points of reports] Plan raboty i tezisy dokladov. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 193 p. [In Georgian and Russian.]

OMEL'IANOVSKII, M.E. [Philosophical problems of quantum mechanics] Filosovskie voprosy kvantovoi mekhaniki. Moskva, Izd-vo Akademii nauk SSSR, 1956. 207 p.

OPARIN, A.I. [Variations in enzyme activity in the plant cell under the influence of external factors] Izmenenie deistvita enzimov v rastitel'noi kletke pod vliianiem vneshnikh vozdeistvii; doklad na vtorom Mezhdunarodnom biokhimicheskom kongresse, Parizh, 1952. Moskva, Izd-vo Akademii nauk SSSR, 1952. 55 p. [Parallel texts in Russsian and French]

PERROTTE, A.A. [Teaching a course on inanimate nature for elementary schools] Opyt prepodavaniia kursa nazhivoi prirody v nachal'noi shkole. Izd. 3-e, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenitia RSFSR, 1956. 181 p.

PERYSHKIN, A. V., and V. V. KRAUKLIS. [A course in physics; a textbook for class 8 of the secondary school] Kurs fiziki; uchebnik dlia 8-go klassa srednei shkoly. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenitia RSFSR,
Pt. 1. [Mechanics]Mekhanika. 1956. 168 p.

PIDOPLICHENKO, I. G., and P. S. MAKEEV. [Climates and landscapes of past ages] O klimatakh i landshaftakh proshlogo. Kiev, Izd-vo Akademii nauk USSR.
No. 2. 1955. 172 p.

luremeats and measures] Izmeva, Gos. izd-vo tekhniko-teoret.
lauchno-populiarnaia biblioteka,

)electricity] P'ezoelektrichestvo.
Gos. izd-vo tekhniko-teoret. lit-ry,
-populiarnaia biblioteka, no. 60)

id others. [Practical work in
asses of secondary schools; a
Praktikum po fizike v starshikh
oly; posobie dlia uchitelia. Pod
o. Izd. 3-e, ispr. Moskva, Gos.
-vo Ministerstva prosveshchenitia

B.S.ZVORYKIN. [Demonstration
ts in secondary school physics;
school teachers] Frontal'nye
po fizike v srednei shkole; ru-
i srednei shkoly. Izd. 5-oe, ispr.
chebno-pedagog. izd-vo Mini-
tila RSFSR, 1956. 199 p.

PUZANOV, I. I., V. I. KOZLOV, and G. P. KIPARISOV. [Animals of Gorkiy Province; vertebrates] Zhivotnyi mir Gor'kovskoi oblasti; pozvonochnye. Izd. 2-oe, dop. [Gor'kii] Gor'kovskoe kn-vo, 1955. 595 p.

RASHEVSKII, P. K. [A course in differential geometry] Kurs differentsial'noi geometrii. Izd. 4-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 420 p.

RIABOV, IU.A. [The movement of celestial bodies] Dvizhenita nebesnykh tel. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 159 p.

RICHMANN, GEORG WILHELM. [Works on physics] Trudy po fizike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 710 p.

ROZHKOV, M. I., and N. E. SMIRNOV. [Plants rich in vitamins] Vitaminnye rastenita. Moskva, Pishchepromizdat, 1956. 190 p.

RUBTSOV, I. A. [Methods of studying black flies] Metody izucheniia moshek. Moskva, Izd-vo Akademii nauk SSSR, 1956. 54 p. (V pomoshch' rabotaiushchim po zoologii v pole i v laboratorii, 4)

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie vysshikh i srednikh pedagogicheskikh uchebnykh zavedenii. [Programs of pedagogical institutes; state examinations in mathematics (mathematics majors)] Programmy pedagogicheskikh institutov; gosudarstvennye ekzameny po matematike (spetsial'nost' - matematika). [Moskva] Uchpedgiz, 1956. 5 p.

SHAFRANOVSKII, I. I. [Crystallography of rounded diamonds] Kristallografiia okruglykh almazov. Leningrad, Izd-vo Leningradskogo gos. univ., 1949. 128 p. (NN)

SHILIAKOV, R. N. [Important wild useful plants of Murmansk Province] Vazhneishie dikorastushchie poleznye rastenita Murmanskoi oblasti. Moskva, Izd-vo Akademii nauk SSSR, 1956. 113 p.

SHNITNIKOV, V. N. [Our animals in photographs from nature] Nashi zhivotnye v fotografiiakh s natury. Alma-Ata, Kazakhskoe gos. izd-vo.
Vol. 2. 1949. 271 p.
Vol. 5. (Pod red. P. I. Marikovskogo). 1954. 398 p.

SIROTINA, G. N., and I. S. ERLYKINA. [Book of problems in hydromechanics] Zadachnik po gidromekhanike. Moskva, Izd-vo "Rechnoi transport," 1956. 132 p.

SUKHORUKIKH, V.S. [Microscopes and telescopes] Mikroskop i teloskop. Izd. 5-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 62 p. (Nauchno-populiarnaia biblioteka, no. 31)

TUSHINSKII, G. K., E. F. GUS'KOVA, and V. D. GUBAREVA. [Snow recrystallization and the formation of avalanches] Perokristallizatsiia snega i vozniknovenie lavin. [Moskva] Izd-vo Moskovskogo univ., 1953. 114 p.
(NN)

VOROB'EV, A.A., and E.K.ZAVADOVSKAIA. [Electric strength of solid dielectrics] Elektricheskaia prochnost' tverdykh dielektrikov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 312 p.

VSESOIUZNOE BOTANICHESKOE OBSHCHESTVO. [To Academician V. N. Sukachev on the 75th anniversary of his birth; a collection of works on geobotany, silviculture, paleogeography and floristics] Akademiku V. N. Sukachevu k 75-letiiu so dnia rozhdeniia; sbornik rabot po geobotanike, lesovedeniiu, paleogeografii i floristike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 592 p.

ZUBOV, V. P. [Historiography of the natural sciences in Russia; from the 18th to the middle of the 19th century] Istoriografiia estestvennykh nauk v Rossii; XVIII v. - pervaia polovina XIX v. Moskva, Izd-vo Akademii nauk SSSR, 1956. 676 p.

ZUEV, V. F. [Pedagogical works] Pedagogicheskie trudy. Red., vstup. stat'ia i kommentarii B. E. Raikova. Moskva, Izd-vo Akademii pedagog. nauk, 1956. 146 p.

## 14. MEDICINE

ARTAMONOV, V.N. [The fly is our enemy] Mukha nash vrag. Moskva, Gos. izd-vo med. lit-ry, 1956. 15 p.

BILIBIN, A.F. [Treatment of communicable diseases; basic principles] Lechenie infektsionnykh boleznei; osnovnye printsipy. Moskva, Medgiz, 1956. 34 p. (DAFM)

BLOKHIN, N.N. [The problem of fighting cancer; its present status and its prospects] Problema bor'by protiv raka; sostoianie i perspektivy. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 42)

BOGOMOLETS, A. A. [Selected works; in three volumes] Izbrannye trudy; v trekh tomakh. Kiev, Izd-vo Akademii nauk USSR.
Vol. 1. 1956. 282 p.

BOKSHTEIN, F.S. [Intranasal surgery] Vnutrinosovaia khirurgiia. Moskva, Medgiz, 1956. 230 p. (DAFM)

CHEREPASHENETS, M. R. [Enterogenic phlegmons of the intestines] Enterogennye flegmony kishok. Moskva, Medgiz, 1956. 108 p. (Biblioteka prakticheskogo vracha) (DAFM)

CHERNOGOROV, I. A. [The Vvedenskii-Ukhtomskii's doctrine in the clinical treatment of internal diseases] Uchenie Vvedenskogo-Ukhtomskogo v klinike vnutrennikh boleznei. Moskva, Gos. izd-vo med. lit-ry, 1956. 95 p.
DAFM

DMITRIEVA, N.M. [Sanatoria and health resort aid to children] Sanatorno-kurortnaia pomoshch' detiam. Moskva, Medgiz, 1956. 99 p. illus. (DAFM)

DRUZHININ, A.M. [Prevention of neuropsychic diseases] Profilaktika nevropsikhicheskikh zabolevanii. [Moskva] Ivanovskoe knizhnoe izd-vo, 1955. 55 p. (DAFM)

[FOR A HEALTHY LIFE; a collection of articles] Za zdorovyi byt; sbornik statei. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 62 p.

GAKKEL', L.B. [The pathophysiological mechanism and clinical aspects of the obsession syndrome] Patofiziologicheskii mekhanizm i klinika sindroma navyazchivosti. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 80 p.

GIL', S. A. [Nutritious mixtures for infants; a manual for milk kitchens and milk-food stations] Pitatel'nye smesi dlia detei grudnogo vozrasta; kratkii spravochnik dlia molochnykh kukhon' i molochno-pishchevykh stantsii. Izd. 7-oe, ispr. i dop. Kiev, Gos. med. izd-vo, 1952. 85 p. (DAFM)

GRACHEVA, M. S. [Morphology and functional significance of innervation of the larynx] Morfologiia i funktsional'noe znachenie nervnogo apparata gortani. Moskva, Gos. izd-vo med. lit-ry, 1956. 161 p.

GRASHCHENKOV, N. I. [Physiological trend in the mod modern clinical treatment of nervous diseases] Fiziologicheskoe napravlenie v sovremennoi klinike nervnykh boleznei. Minsk, Izd-vo Akademii nauk BSSR, 1946. 18 p. (DAFM)

IARYGIN, N. E. [Pathomorphology of the vegetative nervous system in tuberculosis] Patomorfologiia vegetativnoi nervnoi sistemy pri tuberkuleze. Moskva, Gos. izd-vo med. lit-ry, 1956. 234 p.
DAFM

IOIRISH, N. P. [Medicinal properties of honey and bee venom] Lechebnye svoistva meda i pchelinogo iada. Izd. 3-e, dop. i perer. Moskva, Medgiz, 1956. 199 p. (Nauchno-populiarnaia meditsinskaia literatura) (DA)

KONDRAT'EV, V.A. [Advice for the patient suffering from cholecystitis and gallstones] Sovety bol'nomu kholetsistitom i zhelchnokamennoi boleznʹiu. Moskva, Medgiz, 1954. 22 p. (Nauchno-populiarnaia meditsinskaia literatura) (DAFM)

LEVIN, I.A. [Pustular and fungous skin diseases] Gnoinichkovye i gribkovye bolezni kozhi. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1952. 41 p. (DAFM)

LIAIMAN, E.M. [Diseases of fish and the possibility of their transmission to humans; a concise practical manual for sanitary physicians] Bolezni ryb i vozmozhnost' zarazheniia imi cheloveka; kratkoe prakticheskoe rukovodstvo dlia sanitarnykh vrachei. Moskva, Gos. izd-vo med. lit-ry, 1956. 107 p. (Biblioteka sanitarnogo vracha i epidemiologa)

LOBANOV, V. N. [Pathological anatomy and pathogenesis of plague in man] Patologicheskaia anatomiia i patogenez chumy u cheloveka. Moskva, Gos. izd-vo med. lit-ry, 1956. 175 p.

MAISTRAKH, K. V. [Organization of medical and sanitary services for the rural population] Organizatsiia mediko-sanitarnogo obsluzhivaniia sel'skogo naseleniia; lektsii. Moskva, Medgiz, 1956. 61 p. (Lektsii po organizatsii zdravookhraneniia dlia studentov meditsinskikh institutov) (DA)

MAKARCHENKO, A.F. [Modifications of the nervous system in manganese poisoning] Izmeneniia nervnoi sistemy pri intoksikatsii margantsem. Kiev, Izd-vo Akademii nauk USSR, 1956. 317 p. (DAFM)

MARKS, V.O. [Examining an orthopedic patient] Issledovanie ortopedicheskogo bol'nogo. Minsk, Gos. izd-vo BSSR, 1956. 302 p. illus. (DAFM)

MASLINKOVSKII, T. I. [How to protect children from accidents] Kak uberech' detei ot neschastnykh sluchaev. Moskva, Gos. izd-vo med. lit-ry, 1956. 23 p. (Sovety roditeliam)

MERKULOV, G.A. [Course on techniques in pathological histology] Kurs patologogistologicheskoi tekhniki. Izd. 3-e, ispr. i dop. [Leningrad] Gos. izd-vo med. lit-ry. Leningradskoe otd-nie, 1956. 261 p.

MOREINIS, I. IA. [Hygiene in public eating establishments] Gigiena v predpriiatiiakh obshchestvennogo pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 339 p.

NAZAROVA-IARIK, E. M. [Principal problems in the clinical aspects, differential diagnosis and medical treatment of poliomyelitis] Osnovnye voprosy kliniki diferentsial'noi diagnostiki i lecheniia poliomielita. Moskva, Medgiz, 1956. 24 p. (V pomoshch' lektoru) (DAFM)

NEZLIN, S. E. [Prevention of tuberculosis through sanitation; for physicians and epidemiologists] Sanitarnaia profilaktika tuberkuleza dlia sanitarnykh vrachei i epidemiologov. Moskva, Medgiz, 1956. 177 p. (DAFM)

NIKOLAEV, A. P. [Weakness in labor and its treatment] Slabost' rodovoi deiatel'nosti i ee lechenie. Kiev, Gos. med. izd-vo USSR, 1956. 66 p. (Biblioteka prakticheskogo vracha) (DAFM)

NIKULIN, N. G. [Principles and technique of electrocardiography; a manual for nurses employed in electrocardiographic sections] Osnovy i tekhnika elektrokardiografii; v pomoshch' sestre-laborantke elektrokardiograficheskogo kabineta. Moskva, Medgiz, 1956. 203 p. (Biblioteka srednego meditsinskogo rabotnika) (DAFM)

[ODESSA HEALTH RESORTS; a reference manual] Kurorty Odessy; spravochnik. [Odessa] Odesskoe obl. izd-vo, 1956. 141 p.

PODREZ, N. A. [The use of physical exercise and massage in the treatment of obesity] Primenenie fizicheskikh uprazhnenii i massazha pri ozhirenii. Moskva, Gos. izd-vo med. lit-ry, 1956. 73 p.
DAFM

SEMEIKO, M. V., and O. V. CHAIKOVSKAIA. [Health education in the village] Sanitarno-prosvetitel'naia propaganda na sele. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 49 p. (Bibliotechka sel'skogo klubnogo rabotnika)

SHANGIN, N. I. [Work hygiene for machine-tractor station employees] Gigiena truda rabochikh MTS. Izd. 2-e, ispr. i dop. Moskva, Gos. izd-vo lit-ry, 1956. 44 p. (Nauchno-populiarnia meditsinskaia literatura)

SLONIM, I. IA. [Technics of radical surgery for cancer] Tekhnika radikal'nykh operatsii po povodu raka. Kiev, Gos. med. izd-vo, 1956. 209 p. (DAFM)

SPERANSKII, G. N. [Infections of childhood: dysentery, whooping cough, rheumatism and tuberculosis] Infektsii detskogo vozrasta; dizenterlia, kokliush, revmatizm, tuberkulez. Moskva, Medgiz, 1956. 217 p. (DAFM)

UVAROV, V.M. [Clinical aspects and treatment of odontogenic osteomyelitis of the jaws] Klinika i lechenie odontogennykh osteomielitov cheliustei. Leningrad, Medgiz, 1956. 137 p. illus. (Biblioteka prakticheskogo vracha) (DAFM)

VASKEVICH, D. N. [Luminescence analysis in industrial sanitary chemistry] Liuminestsentnyi analiz v promyshlenno-sanitarnoi khimii. [Moskva] Izd-vo VTs SPS Profizdat, 1956. 78 p.

VETVITSKII, B. V. [Stock and poultry farms; an album of model plans] Zhivotnovodcheskie i ptitsevodcheskie fermy; al'bom primernykh skhem planirovki. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 59 p. (DA)

ZHDANOV, V. M. [Influenza] Gripp. Moskva, Medgiz, 1956. 17 p. (DAFM)

ZHUKOV, E. K. [Studies on the tonus of skeletal muscles] Issledovaniia o tonuse skeletnykh myshts. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 241 p.

## 15. AGRICULTURE

AKILBEKOV, IL'IAS. [Produce 142 lambs from every 100 ewes] 142 iagnenka ot kazhdykh 100 ovtsematok. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 15 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

AMANGOSOV, SULTAN. [Meat - tallow sheep raising as a source of revenue] Miaso-sal'noe ovtsevodstvo - dokhodnaia otrasl'. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 16 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

BAL'MONT, V.A. [Sheep breed for the five-year plan in Kazakhstan] Planovye porody ovets Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 54 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

BANKOV, A.IA. [[Organizing the feeding of sheep on reclaimed lands] Organizatsiia kormleniia ovets v raionakh osvoeniia tselinnykh zemel'. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

BARLYKPAEV, ISEMBAL. [A shepherd for twenty years] 20 let raboty chabanom. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 15 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

BASHKIRTSEV, A.A. [Combine operators in Western Siberia] Kombainery Zapadnoi Sibiri. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 24 p. (Peredovoi opyt v sel'skom khoziaistve) (DA)

A 15

BELIAEV, V. N. [Balkhash Muskrat Farm] Balkhashskoe ondatrovoe promyslovoe khoziaistvo. Pod red V. A. Melent'eva. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1956. 19 p.

BELIAKOVA, L. P. [The significance of alfalfa in irrigated cotton farming] Znachenie liutserny v oroshaemom khlopkovodstve. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1952. 15 p. (Nauchno-populiarnaia biblioteka, no. 7)
(DA)

BOEV, S.N. [Control of helminthiasis in sheep] Gel'mintozy ovets i bor'ba s nimi. Izd. 2-oe, perer. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 38 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

[A CHEMICAL METHOD OF CONTROLLING HARMFUL INSECTS AND MITES; a collection of abridged translations and abstracts from foreign periodical literature] Khimicheskii metod bor'by s vrednymi nasekomymi i kleshchami; sbornik sokrashchennykh perevodov i referatov inostrannoi periodicheskoi literatury. Otv. red, B.I.Rukavishnikov. Moskva, Izd-vo inostrannoi lit-ry, 1956. 496 p.

CHIFIN, N.P. [The practice of experts should be known to sheep breeders in Kazakhstan] Opyt masterov - ovtsevodam Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 31 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

CHUNG KUO KUNG CH AN TANG. Chung yang wei yuan hui. [Socialist development in the Chinese village; a collection of articles prepared by the office of the Central Committee of the Chinese Communist Party] Sotsialisticheskii pod"em v kitaiskoi derevne; sbornik izbrannykh statei podgotovlen kantseliariei TsK KPK. Moskva, Izd-vo inostrannoi lit-ry, 1956. 502 p.

DALMATOV, M. K. [Pathological physiology of farm animals] Patologicheskaia fiziologiia sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 349 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

DEMENT'EV, G.P., and N.A.GLADKOV. [The protection and attraction of useful birds] Okhrana i privlechenie poleznykh ptits; ob"iasnitel'nyi tekst k tablitsam. Izd. 3-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1955. 32 p.

DIAGILEV, N. P. [Behind the wheel of a truck] Za rulem gruzovoi mashiny. [Moskva] Profizdat, 1955. 62 p. (Rasskazy novatorov)
(DA)

DOBROVOL'SKII, B.V., and A.V.PONOMARENKO. [Chemical control of injurious insects in the soil] Khimicheskaia bor'ba s vrednymi nasekomymi v pochve. Moskva, Izd-vo Moskovskogo universiteta, 1956. 114 p. (Nauchno-populiarnaia serila)

DOLGOPOLOV, M.I. [Principles of crop cultivation; manual for students in class 8 of the rural secondary school] Osnovy agrotekhniki; uchebnoe posobie dlia uchashchikhsia VIII klassa sel'skoi srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR.
Pt. 1. [General agriculture] Obshchee zemledelie. 1956. 190 p.

DVORETSKII, G.L. [Silviculture in working circles of Akmolinsk Province] Lesorazvedenie v leskhozakh Akmolinskoi oblasti. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 38 p.

EGOROV, E. K. [Why our collective farm is planting more buckwheat] Pochemu nash kolkhoz rasshiriaet posevy grechikhi. [Kuibyshev] Kuibyshevskoe kn-vo, 1956. 14 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

ELEMANOV, ABDRAKHIM. [What we get from sheep] Chto daet ovtsa. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 21 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

EMEL'IANOV, A.N. [Prevention of disease in calves] Preduprezhdenie boleznei teliat. [Saratov] Saratovskoe kn-vo, 1955. 66 p.
(DA)

ERLEPESOV, M. N. [The "Pakhta-Aral" State Farm] Sovkhoz "Pakhta-Aral." Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 101 p. illus.
(DS)

ESENBEKOV, SEIL'BEK, and DOSBOL TURADILOV. [Experience in increasing the fertility of sheep; the use of pregnant mare's serum] Opyt uvelicheniia mnogoplodiia ovets; primenenie SZhK. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

GAL'CHENKO, P.IA. [Fine-fleeced sheep of the "TSentral'nyi" Collective Farm] Tonkorunnye ovtsy kolkhoza "TSentral'nyi." Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 21 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

[GAME ANIMALS AND BIRDS OF KIRGHIZIETAN] Promyslovye zveri i ptitsy Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1956. 147 p.

GRIGOR"EV, I.A., and N.A.IURRE. [Forestry practice of the Seliger working circle] Opyt raboty Seligerskogo leskhoza. Moskva, Goslesbumizdat, 1956. 21 p. (Obmen peredovym opytom)

HÜRRI, E. [Increasing the production of Estonian bacon] Uvelichim proizvodstvo estonskogo bekona. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 70 p. (Rasskazy novatorov)
(DA)

IPEKDZHIAN, V.M. [The cultivation of Sudan grass] Vozdelyvanie sudanki. Rostov-na-Donu, Rostovskoe kn-vo, 1955. 7 p.
(DA)

ISKAKOV, ESZHAN. [More than 7 kilograms of fine wool from each sheep] Za 7 kilogrammov tonkoi shersti ot kazhdoi ovtsy. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 21 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

KAPLINA, G. T., ed. [Kazakhstan vegetable grower's manual] Agrotekhnicheskii spravochnik ovoshchevoda Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 331 p.
(DA)

KASHIRINA, A.V. [Winter rye is a valuable feed for sheep] Ozimaia rozh' - tsennyi korm dlia ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

KAZAKOV, V. E. [Working virgin and idle lands in Kazakhstan] Obrabotka tselinnykh i zalezhnykh zemel'; v raionakh Kazakhstana. Moskva, Gos. izd-vo selkhoz lit-ry, 1956. 47 p.
(DA)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. TSentral'nyi Komitet. [Changes in the practice of agricultural planning; the decree of the Central Committee of the Communist Party of the Soviet Union and the Council of Ministers of the U. S. S. R., March 9, 1956] Pro zminu praktyky planuvannia sil's'koho hospodarstva; postanova TSentral'noho Komitetu KPRS i Rady Ministriv SRSR 9 bereznia 1955 roku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1955. 13 p.

KORCHAGINA, V.A. [Agricultural work of pupils in children's homes; classes 1 and 2] Sel'skokhoziaistvennyi trud vospitannikov detskogo doma; I i II klassy. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 36 p.

KOZLOVSKII, A. I. [Forage root crops in Western Siberia] Kormovye korneplody v Zapadnoi Sibiri. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 102 p.
(DA)

KRAVETS, I. A. [For high cotton yields] Za vysokii urozhai khlopka. Stalinabad, Tadzhikgosizdat, 1954. 61 p.
(DS)

KUANYSHBAEV, ZHAZYLBEK. [My experience in breeding Karakul sheep] Moi opyt vyrashchivaniia karakul'skikh ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 21 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

LAVRIK, P. I., and N. A. RYBITSKII. [The fruit and berry orchard; a reference book] Plodovyi i iagodnyi sad; nastol'naia kniga sadovoda. [Leningrad] Leningradskoe gazetno-zhurnal'noe i kn-vo, 1955. 275 p.
(DA)

LIAKHOVSKII, M. I. [A collective farm of leading cotton growers] Kolkhoz masterov vysokikh urozhaev khlopka. Tashkent, Gos. izd-vo UzSSR, 1956. 19 p.
(DA)

LIAPUNOV, B. I. [Decisive power] Reshaiushchaia sila. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 60 p. (Rasskazy novatorov)

LOGIN, A.D. [The work of the tractor brigade] Rabota traktornoi brigady. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 47 p. (Peredovoi opyt v sel'skom khoziaistve)

LUPANOV, A. A. ["Kzyl Uzbekistan" Collective Farm Ordzhonikidze District, Tashkent Province] Kolkhoz "Kzyl Uzbekistan" Ordzhonikidzevskogo raiona, Tashkentskoi oblasti. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 28 p.

MAKAROV, A.P. [The right use of pastures] Pravil'noe ispol'zovanie pastbishch. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 28 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [Breeds of swine at the All-Union Agricultural Exhibition, 1954-1955] Porody svinei po materialam VSKhV. [Moskva] Ministerstvo sel'skogo khoziaistva SSSR, 1956-. 1 v.
(DA)

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Collective farm building" pavilion; a guidebook] Pavil'on "Postroiki kolkhoznogo sela"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["The "Armenia" pavilion; a guidebook] Pavil'on "Armianskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 30 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["The "Kazakhstan" pavilion; a guidebook] Pavil'on "Kazakhskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The leading collective farms are participants in the Exhibition] Peredovye kolkhozy - uchastniki vystavki. Izd. 2-oe, perer. i dop. Moskva, 1956. 533 p.
(DA)

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["The "Machine-tractor station" pavilion; a guidebook] Pavil'on "Usad'ba MTS"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 20 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["The "Siberia" pavilion; a guidebook] Pavil'on "Sibir'"; putevoditel'. Moskva, Goz. izd-vo selkhoz. lit-ry, 1956. 31 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Veterinary polyclinic" pavilion; a guidebook] Pavil'on "Veterinarnaia poliklinika"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

MUKHTDINOV, N. A. [The achievements of the agricultural year and tasks for further developing cotton growing and other branches of agriculture in the Uzbek S. S. R. during 1956; a report at a conference of leaders of agriculture in Uzbekistan, December 20, 1956] Itogi sel'skokhoziaistvennogo goda i zadachi po dal'neishemu razvitiiu khlopkovodstva i drugikh otraslei sel'skogo khoziaistva v Uzbekskoi SSR na 1956 god; doklad na soveshchanii peredovikov sel'skogo khoziaistva Uzbekistana 20 dekabria 1956 goda. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 35 p.

NAGAEV, N. I. [Hunting ermine, mink, and polecats] Promysel gornostaia, kolonka i khorka. Pod red. S. V. Shibanova. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1956. 36 p. (Biblioteka promyslovogo okhotnika)

NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SADOVODSTVA IMENI I.V. MICHURINA. [Breeding berries; a collection of articles] Selektsiia iagodnykh kul'tur; sbornik statei. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 165 p.

NAZAROV, M.D. [The "Liubomirovka" state farm] Sovkhoz "Liubomirovka." Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 119 p.
(DA)

NIKITIN, V. P. [Poultry raising] Ptitsevodstvo. Izd. 2-oe, dop. i ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 445 p. (Uchebniki i uchebnye posobiia dlia zooteknicheskikh vuzov)
(DA)

NUGMANOV, AGADYM, SULEIMAN KHASENOV, and ARYN KOZHAKHMETOV. [Winter lambing on our state farm] Zimnii okot ovets v nashem sovkhoze. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 22 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

NURMATOV, K. N. [Experience in organizing production and the economy of the Sverdlov Collective Farm; Verkhne-Chirchik District, Tashkent Province] Opyt organizatsii proizvodstva i ekonomika kolkhoza imeni Sverdlova; Verkhne-Chirchikskii raion, Tashkentskoi oblasti. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1954. 151 p.

ORLOV, N.P. [Let us get rid of sheep scab] Likvidiruem chesotku ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

ORLOV, V. P. [Sewage irrigation of agricultural crops; based on the example of collective and state farms in Moscow Province] Oroshenie sel'skokhoziaistvennykh kul'tur stochnymi vodami; na primere kolkhozov i sovkhozov Moskovskoi oblasti. Moskva, Gos. izd-vo selkhoz lit-ry, 1955. 101 p.
(DA)

PANKOV, V.N. [The party organization and the rise in stockbreeding] Partiinaia organizatsiia i pod"em zhivotnovodstva. Moskva, Gospolitizdat, 1956. 77 p.

PARAMONOV, A.A., and F.I.BRIUSHKOVA. [The nematode Ditylenchus destructor in potatoes and methods of controlling it] Stablevaia nematoda kartofelia i mery bor'by s neiu. [Moskva] Izd-vo Akademii nauk SSSR, 1956. 110 p. (Nauchno-populiarnaia serila v pomoshch' sel'skomu khoziaistvu)

PAVLOV, I.V. [Innovations in collective farm democracy] Novoe v kolkhoznoi demokratii. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 38 p.

PLATONOV, V.I. [Methods for the complex development of state cotton farms in the Forgana Valley] Puti kompleksnogo razvitiia khlopkovykh sovkhozov Ferganskoi doliny. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR, 1956. 153 p.
(DA)

POLIAKOV, I. G. [Harvesting corn] Uborka kukuruzy. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 78 p.
(DA)

POLSKA ZJEDNOCZONA PARTIA ROBOTNICZA. Komitet Centralny. [Development of agriculture during 1956-1960 and the tasks of the Party in rural areas; decisions of the fifth Plenum. . . February 1956] O razvitii sel'skogo khoziaistva v 1956-1960 gg. i zadachakh partii v derevne; postanovlenie V plenuma. . . , fevral' 1956 g. Moskva, Gos. izd-vo polit. lit-ry, 1956. 46 p.

POMARANOV, S. F. [Orchard with a windbreak] Sad pod zashchitoi lesa. [Gor'kii] Gor'kovskoe kn-vo, 1955. 162 p.
(DA)

POPOV, P. V., and N. I. TRUSHKINA. [Guide to chemical poisons and mineral fertilizers] Opredelitel' iadokhimikatov i mineral'nykh udobrenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 119 p.
(DA)

POZDNIAKOV, P.M. [Artificial insemination of sheep] Iskusstvennoe osemenenie ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 30 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

RED'KIN, A.P. [Swine breeding] Svinovodstvo. Izd. 2-oe, dop. i ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 447 p.
(DA)

REMISKEVICH, I. T. [Landscaping the city of Tashkent] Ozelenenie goroda Tashkenta. Tashkent, Gos. izd-vo UzSSR, 1955. 178 p.

ROTERMEL', Z. A. [Work practice of the pig tender Anna Ivanovna Mikheeva; "Put' Lenina" collective farm of Vysokogorskii district, Tatar Republic] Opyt raboty svinarki Anny Ivanovny Mikheevoi; kolkhoz "Put' Lenina" Vysokogorskogo raiona TASSR. Kazan', Tatknigoizdat, 1956. 14 p.
(DA)

RUDNEV, B. V. [Atkarsk ornamental plant nursery] Atkarskii pitomnik dekorativnykh rastenii. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR. 1956. 79 p.

RUSANOV, F.N. [Trees and shrubs of the botanical garden of the Uzbek Academy of Sciences] Derev'ia i kustarniki botanicheskogo sada Akademii nauk Uzbekskoi SSR. Tashkent, Izd-vo Akademii nauk UzSSR.
Pt. 1. [North American trees and shrubs] Severoamerikanskie derev'ia i kustarniki. 1955. 95 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennoe izdatel'stvo sel'skokhoziaistvennoi literatury. [Libraries of agricultural literature; a prospectus] Bibliotechki sel'skokhoziaistvennoi literatury; prospekt. Moskva, 1956. 14 p. (pamphlet)

SAPUKHIN, A. [Socialist competition of agricultural workers in two districts; experience in the organization and supervision of socialist competition between Kiev-Sviatoshino District, Kiev Province, and Ramenskoye District, Moscow Province] Sotsialisticheskoe sorevnovanie truzhenikov sel'skogo khoziaistva dvukh raionov; iz opyta organizatsii i rukovodstva sotsialisticheskim sorevnovaniem mezhdu Kievo-Sviatoshinskim raionom, Kievskoi oblasti, i Ramenskim raionom, Moskovskoi oblasti. Kiev, Gos. izd-vo polit. lit-ry USSR, 1956. 110 p.

SAVZDARG, V.E. [Pests and diseases of fruits and berries] Vrediteli i bolezni plodovykh i iagodnykh kul'tur. Izd. 2-oe. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 164 p. (Bibliotechka sadovoda)
(DA)

SHAPOVAL, A.G. [Progressive method of raising winter wheat] Peredovoi opyt vozdelyvaniia ozimoi pshenitsy. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 111 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

SHILOV, I.A. [Method of calculating production costs on collective cotton farms] Metodika ischisleniia sebestoimosti produktsii khlopkosiushchikh kolkhozov. Tashkent, Izd-vo Akademii nauk UzSSR, 1955. 28 p.

SHUNKOV, V. I. [Outline history of agriculture in Siberia during the 17th century] Ocherki po istorii zemledeliia Sibiri (XVII vek). Moskva, Izd-vo Akademii nauk SSSR, 1956. 430 p.

SIBIRSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZERNOVOGO KHOZIAISTVA. [Problems of Siberian agriculture] Voprosy zemledeliia v Sibiri. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 249 p.
(DA)

SKOROPANOV, S. G., B. M. ROZENBLIUM, and A. P. VAN'KEVICH. [New and waste lands of White Russia and their reclamation] TSelinnye i zalezhnye zemli BSSR i ikh osvoenie. Minsk, Gos. izd-vo BSSR, 1956. 122 p.

SOVESHCHANIE RABOTNIKOV KHLOPKOVODSTVA RESPUBLIK SREDNEI AZII, ZAKAVKAZ'IA I KAZAKHSKOI SSR, Tashkent, 1954. [Conference of cotton growers of the republics of Central Asia, Transcaucasia, and Kazakhstan held in Tashkent, November 17-20, 1954] Soveshchanie rabotnikov khlopkovodstva respublik Srednei Azii, Zakavkaz'ia i Kazakhskoi SSR, v Tashkente 17-20 noiabria 1954 g. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 340 p.

SREDNEAZIATSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT LESNOGO KHOZIAISTVA. [Advanced experience in silviculture in Central Asia] Peredovoi opyt lesorazvedeniia v Srednei Azii. Tashkent, Gos. izd-vo UzSSR.
No. 2, 1955. 69 p.
DA

STOTSKII, V. N. [In Vakhsh Valley; the high cotton yields and the growth of the economy of the N. S. Khrushchev Collective Farm, Kurgan-Tyubinsk district, Tajikistan] V doline Vakhsha; vysokii urozhai khlopka i razvitie ekonomiki kolkhoza imeni N. S. Khrushcheva, Kurgan-Tiubinskogo raiona Tadzhikistana. Stalinabad, Tadzhikgosizdat, 1955. 47 p. (Opyt uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki)

STOTSKII, V.N. [New progressive methods of cotton cultivation and the development of collective farm economy in southern Tajikistan] Novye progressivnye priemy vozdelyvaniia khlopchatnika i razvitie ekonomiki kolkhozov IUzhnogo Tadzhikistana. Pod red. P.S.Obnosova. Stalinabad, Tadzhikgosizdat, 1956. 117 p.
(DA)

STULOVA, A. F., and N. I. SHUTOV. [Leading poultry farmers] Peredovye ptitsevody. [Gor'kii] Gor'kovskoe kn-vo, 1954. 36 p.
(DA)

TOKBAEV, NURGAZY. [Golden fleece] Zolotoe runo. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 23 p. (V pomoshch' rabotnikam Kazakhstana)
(DA)

TSEDERBERG, V.V. [More high-grade wool] Bol'she vysokokachestvennoi shersti. Alma-Ata, Kazakhskoe gos. izd-vo. 1956. 22 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

TSYMBALIUK, K. I., and G. V. BLAGODAROVA. [Teaching crop cultivation practices in rural schools; from the practice of the Dzhangi-Pakhta secondary school] Agrotekhnicheskaia podgotovka uchashchikhsia sel'skoi shkoly; iz opyta raboty Dzhangi-Pakhtinskoi srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 77 p. (Opyt peredovogo uchitelia)

TUSIPBEKOV, IBRAIM. [Keeping sheep in folds during the winter] Opyt zimnego stoilovogo soderzhaniia ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. ( V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA).

U. S. Federal Trade Commission. [Monopoly in the fertilizer industry; report of the Federal Trade Commission on the fertilizer industry. Translated from the English] Monopolii v promyshlennosti mineral'nykh udobrenii. Perevod s angliiskogo i predisl. M.G.Dikanskogo. Red. I.A.Sokolov. Moskva, Izd-vo inostrannoi lit-ry, 1955. 249 p.

VANIN, A.I. [A guide to trees and shrubs] Opredelitel' derev'ev i kustarnikov. Moskva, Goslesbumizdat, 1956. 211 p.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I.LENINA. [The pollination of agricultural plants] Opylenie sel'skokhoziaistvennykh rastenii. Pod obshchei red. I.V.Krishchunasa i A.F. Gubina. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 230 p.
DA

VSESOIUZNOE SOVESHCHANIE PO OVTSEVODSTVU, Moscow, 1955. [For highly productive sheep breeding; materials of the All-Union Conference on Sheep Breeding held in the Great Kremlin Palace in Moscow, November 14-18, 1955] Za vysokoproduktivnoe ovtsevodstvo; materialy Vsesoiuznogo soveshchaniia po ovtsevodstvu, proiskhodivshego v Moskve, v Bol'shom Kremlevskom dvortse 14-18 noiabria 1955 g. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 416 p.
(DA)

ZHUKOV, A. B., and V. P. TSEPLIAEV. [The Fourth World Forestry Congress and the forestry of India] IV Mirovoi lesnoi kongress i lesnoe khoziaistvo Indii. Moskva, Goslesbumizdat, 1956. 117 p.

## 16. TECHNOLOGY

[ADVANCED ENGINEERING METHODS IN EXCAVATION WORK IN CONNECTION WITH RAILROAD CONSTRUCTION] Peredovaia tekhnologiia proizvodstva zemlianykh rabot pri stroitel'stve zheleznykh dorog. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 150 p.

AFANAS'EV, L.L. [Automobile competitions in the saving of gasoline] Avtomobil'nye sorevnovaniia na ekonomiiu benzina. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 83 p.

AFANASOV, I. M. [Regulation of diesel fuel injectors] Regulirovka toplivopodaiushchei apparatury dizelei. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 85 p.

AGASIEVA, S. I. [Secondary spillways and trench spillways] Bokovye vodoslivy i transheinye vodosbrosy. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 83 p.

AGLITSKII, V. A. [The manufacture of copper wire bars; theory and practice] Proizvodstvo mednykh valerbarsov; teoriia i praktika. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 287 p.

AIZERMAN, M. A. [Lectures on the theory of automatic control] Lektsii po teorii avtomaticheskogo regulirovaniia. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 427 p.

AKADEMIIA KOMMUNAL'NOGO KHOZIAISTVA, Moscow. [A collection of summaries of research work carried out by the Academy during 1955] Sbornik annotatsii nauchnykh rabot Akademii, vypolnennykh v 1955 godu. Moskva, 1956. 34 p.

AKADEMIIA NAUK SSSR. Otdelenie tekhnicheskikh nauk. [A reference book on illumination engineering] Spravochnaia kniga po svetotekhnike. Moskva,
Vol. I. [Illumination instruments and sources of light] Svetovye pribory i istochniki sveta. 1956. 471 p.

AKADEMIIA NAUK URSR, Kiev. Institut elektrozvariuvannia. [Handbook of electric submerged melt welding] Elektroshlakovaia svarka. Pod red. B. E. Patona. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1956. 165 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Moscow. Laboratoriia arkhitekturnoi keramiki. [Temporary instructions for design, erection of walls and simultaneous covering using ceramic tiles with integral bonds] Vremennaia instruktsiia po proektirovaniiu i vozvedeniiu sten s odnovremennoi oblitsovkoi ikh keramicheskimi plitami s zakladnoi polkoi. Moskva, Gos. izd-vo lit-ry po strit. i arkhitekture, 1956. 15 p.

AKHVERDOV, I. N., I. M. OVADOVSKII, and V. A. TUMANISHVILI. [Prestressed reinforced concrete floor slabs in the building industry; manufacture and use] Napriazhenno armirovannye plity-nastily v stroitel'stve; izgotovlenie i primenenie. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 96 p.

ALEKSANDROV, G. IA. [Tractor brigade leader's manual] Pamiatka brigadira traktornoi brigady. [Moskva] Moskovskii rabochii, 1956. 510 p.

AL'TMAN, M. B., and others. [Melting and casting of light alloys] Plavka i lit'e legkikh splavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 491 p.

ARSEN'EV, L. B. [The production of precast reinforced concrete structures and parts; the work practice of leading enterprises] Proizvodstvo sbornykh zhelezobetonnykh konstruktsii i detalei; iz opyta raboty peredovykh predpriiatii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p.

ARUTIUNOV, K. G., I. I. BORDZILOVSKII, and N. R. PERESUN'KO. [Repair of radio apparatus; a manual for radio engineers] Remont radiotekhnicheskikh sredstv; uchebnoe posobie dlia radiomasterov. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 469 p.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. [Methods of studying the hydrometeorological system and the control of the water surface of oil fields in the Caspian Sea; transactions of the scientific conference of the S. M. Kirov Azerbaijani State University, of the Ministry of the Petroleum Industry of the Azerbaijani S. S. R., and the Baku section of the Aral-Caspian Commission of the Academy of Sciences of the U. S. S. R., June 16-23, 1956] Puti izucheniia gidrometeorologicheskogo rezhima i osvoeniia akvatorii neftianykh promyslov Kaspiiskogo moria; trudy nauchnoi konferentsii Azerbaidzhanskogo gosudarstvennogo universiteta im. S. M. Kirova, Ministerstva neftianoi promyshlennosti Azerbaidzhanskoi SSR i Bakinskoi sektsii Aralo-Kaspiiskoi komissii AN SSSR, 16-23 iiunia 1956 g. Baku, Izd-vo Azerbaidzhanskogo univ., 1956. 105 p.

BELETSKII, D. G. [The over-all improvement of machine building production] Kompleksnoe sovershenstvovanie mashinostroitel'nogo proizvodstva. [Moskva] Moskovskii rabochii, 1956. 78 p.

BEREGOVSKII, V. I., and N. V. GUDIMA. [Nickel metallurgy; a textbook for schools and courses for specialists] Metallurgiia nikelia; uchebnoe posobie dlia shkol i kursov masterov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 355 p.

BEREZIN, N. V., and B. IA. FINKEL'SHTEIN. [Hoisting and conveying machinery; construction and technology of production] Pod'emno-transportnye mashiny; konstruktsiia i tekhnologiia proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 460 p.

BERNSHTEIN, G. D. [Fuel and lubricants] Toplivo i smazochnye materialy. Izd. 2-oe, perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 294 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

BERNSHTEIN, M. L. [Steels and alloys for use at high temperatures] Stali i splavy dlia raboty pri vysokikh temperaturakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 238 p.

BIALOBSHESKII, G. V., and R. A. AMBROS. [Increasing the efficiency and economy of snow retaining structures] Povyshenie effektivnosti i ekonomichnosti snegozaderzhivaiushchikh ustroistv. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 102 p.

BOKII, B. V. [Fundamentals of mining] Osnovy gornogo dela. Izd. 2-oe, ispr. i dop. Moskva, Ugletekhizdat, 1956. 214 p.

BONCH-BRUEVICH, M. A. [A collection of works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR, 1956. 526 p.

BOSHNIAKOVICH, F. [Engineering thermodynamics. Translated from the German] Tekhnicheskaia termodinamika. Perevod s nemetskogo i red. M. P. Vukalovicha i V. A. Kirillina. Moskva, Gos. energ. izd-vo, Pt. 2, 1956. 255 p.

BREDIKHIN, A. N. [Electrification of mines] Elektrifikatsiia gornykh razrabotok. Moskva, Ugletekhizdat, 1956. 521 p.

BUNIMOVICH, D. Z. [Photographic laboratories for Pioneers] Pionerskaia fotolaboratoriia. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 86 p.

BURDOV, A. I., S. N. KUZNETSOV, and N. A. SOROKIN. ["Uralets" BU-2 boring machinery; textbook for master workmen schools and courses] Burovoi stanok "Uralets" BU-2; uchebnoe posobie dlia shkol i kursov masterov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 106 p.

CALLAHAM, L. I. Russian-English technical and chemical dictionary. New York, John Wiley & Sons, Inc. [1956, 4th printing] 794 p.

CHAPLYGIN, A. V. [Problems of interbasin water systems] Voprosy mezhbasseinovykh vodokhoziaistvennykh sviazei. Moskva, Izd-vo Akademii nauk SSSR, 1956. 135 p.

CHIRKIN, S. I. [Safety engineering in the exploitation of industrial steam boilers, vessels operating under pressure, compressors, and pipe lines] Tekhnika bezopasnosti pri ekspluatatsii promyshlennykh parovykh kotlov, sosudov, rabotaiushchikh pod davleniem, kompressorov i truboprovodov. Moskva, Gos. izd-vo obor. promyshl., 1956. 136 p.

CHOCHIA, A. P., comp. [English-Russian dictionary of fuels and oils] Anglo-russkii slovar' po toplivam i maslam. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 545 p.

[CUTTING OUT AND SEWING] Kroika i shit'e. Izd. 2-oe, ispr. i dop. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 559 p.

DAROVSKII, B. S. [Cardboard manufacture] Proizvodstvo kartona. Moskva, Goslesbumizdat, 1956. 186 p.

DEGTIAREV, A. P. [Efficient methods of [illegible]] Ratsional'nye metody proizvodstva [illegible]. Moskva, Gos. izd-vo lit-ry po [illegible] 1956. 27 p. (Novatory stroitel'noi [illegible])

DIACHEK, V. F., and S. A. EFREMOV. [Instructions on compiling estimates for the [illegible] ment houses and public buildings] Prakticheskoe posobie po sostavleniiu [illegible] mentatsii na zhilishchno-grazhdanskoe [illegible] kapital'nyi remont. Moskva, Izd-vo [illegible] munal'nogo khoziaistva RSFSR, [illegible]

DMITRIEV, A. S. [Hollow ceramic [illegible] michoskie s shcheleviduymi pust[illegible] izd-vo lit-ry po stroit. i arkhitekture, [illegible]

DRUZHININ, N. I. [Electrohydrodynamic [illegible] use in filtration research] Metod [illegible] cheskikh analogii i ego primenenie [illegible] fil'tratsii. Pod red. V. I. Aravina. Moskva, [illegible] izd-vo, 1956. 340 p.

DVORKOVSKII, B. B. [Radio units [illegible] radiopunkty. Moskva, Gos. [illegible] 1956. 106 p.

[ELECTRONIC APPARATUS; a reference [illegible] vakuumnye pribory; spravochnik. [illegible] izd-vo, 1956. 422 p.

EL'SINOVSKII, V. B. [Making large [illegible] Proizvodstvo krupnykh shtampovok [illegible] Gos. izd-vo lit-ry po stroit. i [illegible]

EREMEEV, B. M. [Machine perforators [illegible] Proizvoditel'nost' mashin udarnogo [illegible] skii rabochii, 1956. 45 p. (Opyt [illegible] predpriiatii)

ERMAKOV, N. I. [Testing electric [illegible] rolling stock in depots; the work [illegible] depot of the Transcaucasian railroad] [illegible] choskikh mashin elektropoezdov [illegible] kavkazskoi zheleznoi dorogi. Moskva, [illegible] zhel-dor. izd-vo, 1956. 64 p.

FATIUKHIN, M. D. [Free [illegible] underground transportation] Kril[illegible] zemnom transporte. Alma-Ata, Kazakhskoe [illegible] vo, 1956. 13 p. (V pomoshch' [illegible] promyshlennosti Kazakhstana)

FEDOTOV, F. G., and D. I. EVTIKHIEV. [Standardization of duplicating and [illegible] Tekhnicheskoe normirovanie kopiroval'nykh rabot. Moskva, Gos. [illegible] izd-vo mashinostroit. lit-ry, 1956. [illegible] p.

FRUMIN, I. I., and V. K. PETRICHENKO. [Automatic welding in hard facing steel rolled [illegible] manual] Avtomaticheskaia naplavka [illegible] nykh valkov; prakticheskoe rukovodstvo. [illegible] Gos. nauchno-tekhn. izd-vo lit-ry po [illegible] metallurgii, 1956. 114 p.

GAIVORONSKII, A. G., and others. [Taking [illegible] sembling a DT-54 tractor] Rastavka i sborka [illegible] DT-54. Pod red. A. IA. Merkulova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 336 p.

GAMBURG, IA. IU., and I. KH. ZELIKMAN. [Disassembly, repair, and adjustment of [illegible] in the production of cloth] Ustroistvo, [illegible] i naladka kardochesal'nykh apparatov [illegible] vodstva. Izd. 2-oe, ispr. i dop. Moskva, [illegible] tekhn. izd-vo Ministerstva tekstil'noi [illegible] 1956. 160 p. (Uchebniki i uchebnye [illegible] gotovki rabochikh massovykh professii)

GLUSHCHENKO, E. I. [The lapping of [illegible] efficient procedures] Dovodka pritirkami [illegible] ratsional'nye metody. Tashkent, Gos. [illegible] 1954. 32 p.

GLUZMAN, I. S., ed. [Signaling central [illegible] systems of foreign railroads; a collection of [illegible] Ustroistva STsB zarubezhnykh [illegible] nik statei. Moskva, Gos. transp. [illegible] 1956. 131 p.

GODZHELLO, M. G., and others. [Reading [illegible] and combustible liquids; manual] [illegible] shchiesia i goriuchie zhidkosti; [illegible] shchei red. N. A. Tarasova-Agalakova. [illegible] vo Ministerstva kommunal'nogo khoziaistva [illegible] 1956. 110 p.

GOL'DIN, IA. A., and M. E. FIDEL'MAN. [Technical standardization in the production of refractory materials] Tekhnicheskoe normirovanie v ogneupornom proizvodstve. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 122 p.

GOLDOVSKII, E. M. [Principles of broadscreen cinematography] Printsipy shirokoekrannogo kinematografa. Moskva, Gos. izd-vo "Iskusstvo," 1956. 164 p.

GRIBOV, E.I. [Roofing paper] Krovel'nyi karton. Moskva, Gos. izd-vo lit-ry po stroit. materialam. 1956. 207 p.

GRISHKOVA, N.P., and V.V.GEORGIEVSKAIA. Aleksandr Nikolaevich Dinnik. Kiev, Izd-vo Akademii nauk USSR, 1956. 50 p. (Uchenye Ukrainskoi SSR)

GUBANOV, A.I. [A theory of the rectifying activity of semiconductors] Teoriia vypriamliaiushchego deistviia poluprovodnikov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 348 p.

GUDTSOV, N. T., and M. N. GAVZE. [The effect of mercury as heat conductor on steel in power installations] Vozdeistvie rtuti kak teplonositelia na stali v energeticheskikh ustanovkakh. Moskva, Izd-vo Akademii nauk SSSR, 1956. 146 p.

GURAL'NIK, M. I., and S. IA. MEKENITSKII. [Roller conveyers; a report] Rolikovye dorozhki; informatsionnoe soobshchenie. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 14 p.

GUREVICH, I.S., and R.M. GUTTSAIT. [Organization of bus fleet operations; experience of the Leningrad no. 1 bus fleet] Organizatsiia raboty avtobusnogo parka; iz opyta raboty 1-go Leningradskogo avtobusnogo parka. Moskva, Nauchno-tekhn. izd-vo avto-transp. lit-ry, 1956. 47 p.

GURVICH, V.B. [Switches for high-tension loads and their drives] Vykliuchateli nagruzki vysokogo napriazheniia i privody k nim. Moskva, Gos. energ. izd-vo, 1956. 55 p.

GVOZDEV, V.S. [Passage of high waters to flood plains in presence of low-pressure dams] Propusk pavodka po polme pri nizkonapornykh plotinakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 79 p.

[HIGHSPEED AND BUILD UP WELDING OF METALS USING WELDING WIRE] Skorostnaia svarka i naplavka metallov s prisadochnoi provolokoi. Tashkent, Gos. izd-vo UzSSR, 1954. 13 p. (Peredovoi opyt zavodov)

IAKUSHA, G.B. [Work with the personel of electric engineering plants] Rabota s personalom elektrotekhnicheskikh ustanovok. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 151 p.

IAROSLAVSKII AVTOMOBIL'NYI ZAVOD, Yaroslavl'. [IaAZ-204 engines; instructions for operation] Dvigateli IaAZ-204; instruktsiia po ukhodu. Izd. 4-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 219 p.

IL'ENKO, V.G. [Measures for dust control in mining Krivoy Rog mines] Protivopyl'nye meropriiatiia pri prokhodke gornykh vyrabotok v Krivorozhskom basseine. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 68 p.

IOFFE, I. SH., and D. D. IAMSHCHIKOV. [Simplified method of plotting norm charts in well drilling] Uproshchennyi metod rascheta normativnykh kart na burenie skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 56 p.

IOFFE, S. E. [General combined work crews in mines] Skvoznye kompleksnye brigady na shakhte. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

IOFIS, E. A. [Photography for students] Fotografiia dlia shkol'nika. Moskva, Gos. izd-vo "Iskusstvo," 1956. 191 p.

ISAEV, I. P. [Stability of the performances of electric locomotives] Stabil'nost' kharakteristik elektricheskikh lokomotivov. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 117 p.

IVANOV, A. B., and L. N. SOSNOVKIN. [Ultrahigh frequency pulse generators] Impul'snye peredatchiki SVCh. Moskva, Izd-vo "Sovetskoe radio," 1956. 614 p.

KALIEV, BOTAI. [Safety engineering under public control] Tekhniku bezopasnosti - pod obshchestvennyi kontrol'. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 11 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

KAPLUNOV, Z. V. [Prefabricated large-sized apartment house construction elements; the experience in Leningrad apartment house building] Sbornye krupnorazmernye konstruktsii zhilykh zdanii; iz opyta zhilishchnogo stroitel'stva Leningrad. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 231 p.

KAPRALOV, V.A. [Manual for brick lining of steam boilers] Pamiatka obmurovshchika parovykh kotlov. Pod red. T. E. Grigor'eva. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 93 p. (V pomoshch' montazhniku-energetiku)

KAPUSTIN, I. I. [Calculations and designs for shoe machinery] Raschet i konstruirovanie obuvnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 506 p.

[KARAGANDA'S COAL IS FOR THE MOTHERLAND; a collection of articles by coal miners of the Karaganda Basin] Ugol' Karagandy - Rodine; sbornik statei ugol'shchikov i shakhtostroitelei Karagandinskogo ugol'nogo basseina. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 56 p.

KARIAGIN, A. V., and G. M. SOLOV'EV. [A manual for drivers, third class] Posobie dlia shofera tret'ego klassa. Izd. 3-e, ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 430 p.

KASYMOV, IMAN. [The cyclical work schedule in action] Grafik tsiklichnosti v deistvii. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 17 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

KAVADEROV, A.V. [Heating performance of flame metallurgical furnaces] Teplovaia rabota plamennykh metallurgicheskikh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 367 p.

KHARADZHA, F. N. [General course in X-ray techniques] Obshchii kurs rentgenotekhniki. Izd. 2-oe, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 564 p.

KHARKOV. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORGANIZATSII I MEKHANIZATSII SHAKHTNOGO STROITEL'STVA. [Studies in mine construction] Issledovaniia po shakhtnomu stroitel'stvu. Moskva, Ugletekhizdat, 1956. 287 p.

KHRUSHCHOV, M. M., ed. [Increasing the durability of machinery; a collection of articles] Povyshenie dolgovechnosti mashin; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 494 p.

KHVAN, V. I. [Jigging coal in water] Otsadka uglia v vodnoi srede. Moskva, Ugletekhizdat, 1956. 115 p.

KIFER, L. G., and I. I. ABRAMOVICH. [Hoisting machinery; an atlas of designs] Gruzopod"emnye mashiny; atlas chertezhei. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Pt. 1. 1956. 184 p.

KITOV, A. I. [Electronic calculating machines] Elektronnye tsifrovye mashiny. Moskva, Izd-vo "Sovetskoe radio," 1956. 276 p.

KLOPOV, A. IA. [Television engineering] Tekhnika televidenila. Moskva, Gos. energ. izd-vo, 1956. 78 p. (Massovaia radiobiblioteka, no. 247)

KNORRING, G.M. [Handbook for planning electric lighting] Spravochnik dlia proektirovaniia elektricheskogo osveshcheniia. Izd. 4-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 219 p.

KOROBOV, V. N., and D. I. KOZHANOV. [New machines for making seagoing rafts] Novye mekhanizmy dlia splotki morskikh plotov. Moskva, Goslesbumizdat, 1956. 16 p. (Novaia tekhnika v VI piatiletke)

KOROL'KOVA, V.I. [Safety measures in industrial enterprises] Elektro-bezopasnost' na promyshlennykh predpriiatiiakh. Izd. 3-e, dop. Moskva, Gos. izd-vo obor. promyshl., 1956. 447 p.

KOSIACHENKO, A. P., and I. A. MOLCHAN. [Machine-shop practice] Stesarnoe delo. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 226 p.

KRAEV, E. E., and V. A. VEBER. [Specialized restaurants selling milk products, pancakes, pies and puffs] Molochnaia, blinnaia, pirozhkovaia, pyshechnaia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 21 p.

KRASOVICH, E. V. [Creative initiative of innovators; the work practice of A. Akmagambetov's combine brigade at the Gorbachev Mine] Tvorcheskaia initsiativa novatorov; iz opyta raboty kombainovoi brigady A. Akmagambetova shakhty im. Gorbacheva. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 17 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

KROGIUS, R.B. [Mechanic engaged in repairing simple equipment] Slesar' po remontu neslozhnogo oborudovaniia. Moskva, Gos. izd-vo obor. promyshl. 1956. 191 p. (Uchebnaia literatura dlia podgotovki molodykh rabochikh)

KROTOV, G. A. [Underground surveying in drown and mined workings] Marksheiderskaia s'emka ochistnykh i narezhnykh gornykh vyrabotok. Moskva, Ugletekhizdat, 1956. 179 p.

KRUZE, I. L. [Automobile brakes] Tormozhenie avtomobilia. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 54 p. (Nauchno-populiarnaia biblioteka avtomobilista)

KRYLOV, V.L., and S.T.IUDIN. [Foundry equipment] Oborudovanie liteinykh tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 389 p.

KULAKOV, N.P. [The communists are the organizers of the struggle for coal; the work practice of the Party group in the Kalinin Mine of the "Karaganda-ugol'" combine] Kommunisty - organizatory bor'by za ugol'; iz opyta raboty partiinykh grupp na shakhte imeni Kalinina kombinata "Karagandaugol'." Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

KUL'KEEV, MAULET. [Progressive work procedures of machinists operating excavators in coal mines] Peredovye priemy raboty mashinistov ugol'nykh ekskavatorov. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 15 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

KURDIAEV, B. S. [Engineer G. A. Manlukov's system of bricklaying] Kirpichnaia kladka sistemy inzhenera G. A. Manlukova. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 26 p. (V pomoshch' stroiteliu)

KURNIN, D.N. [The packing and wrapping of merchandise in foreign countries] Fasovka i upakovka tovarov za rubezhom. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 49 p.

KUVAITSEV, I.F., and S.M.ASHEKO. [Lubricating materials and lubricants of roadbuilding machinery] Smazochnye materialy i smazka dorozhnostroitel'nykh mashin. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 62 p.

KUZ'MENKO, V. I. [Plans for lessons in mechanical drawing for class 8 of the secondary school] Plany urokov po chercheniiu dlia 8 klassa srednei shkoly; iz opyta raboty. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 75 p.

KUZNETSOV, A. A. [A PGA-3 grav loader for shaft sinking operations] Prokhodcheskii greifernyi agregat PGA-3. Moskva, Ugletekhizdat, 1956. 37 p. (Novaia gornaia tekhnika)

KUZNETSOV, S.V. [Automatization of superphosphate production] Avtomatizatsiia proizvodstva superfosfata. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 99 p.

LALETIN, L. K. [Working means daring] Trudit'sia - znachit derzat'. Moskva, Gos. izd-vo polit. lit-ry, 1956. 38 p.

LEUSHKIN, B. V. [Compressed air locomotive haulage in Czechoslovak mines] Vosdukhovoznaia otkatka na shakhtakh Chekhoslovakii. Moskva, Ugletekhizdat, 1956. 42 p.

A 10

LEVERSON, L. I. [The experience of innovators in the "Tashlekatil'mash" plant] Opyt novatorov zavoda "Tashlekatil'mash." Tashkent, Gos. izd-vo Uzbek. SSR, 1954. 30 p.

LEVINZON-ALEKSANDROV, F. L., S. I. DAVYDOV, and I. P. ZHERENTSOV. [Radio engineering; a manual for sergeants in the signal corps] Radiotekhnika; uchebnoe posobie dlia serzhantov voisk sviazi. 2-oe, ispr. i dop. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 370 p.

LIAPUNOV, B. V. [The struggle for speed] Bor'ba za skorost'. Perev. izd. [Moskva] Izd-vo ToK VLKSM "Molodaia gvardiia," 1956. 207 p.

LIDER, I.S., and M.K. FEDOROV. [Concrete sanitary engineering blocks and heating installations] Betonnye sanitarno-tekhnicheskie bloki i nagrevatel'nye pribory. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 66 p.

LITOVCHENKO, N.V. [Intensive cogging in bloomings mills] Peremennie vysokikh obzhatii na bluminggakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1950. 67 p.

LITVINENKO, E.E. [Production of local building materials for rural construction] Proizvodstvo mestnykh stroitel'nykh materialov dlia sel'skogo stroitel'stva. Kiev, Gos. izd-vo lit-ry po stroit., arkhitekture, i stroit. materialam, 1955. 177 p. (Sel'skomu stroitel'stvu)

LIUBICH, M. G. [Characteristics of footgear] Svoistva obuvi. Moskva, Gos. izd-vo torgovoi lit-ry, 1958. 270 p.

LIUBOSHCHINSKII, D. M. [Give coupled cutter-loaders a clear track ahead; the work practice of V. Borshch's repair crew at the S. M. Kirov Mine] Sbivaniyam komsomol'tsam - shirokuiu dorogu; iz opyta raboty remontno-podgotovitel'noi brigady shakhty im. S. M. Kirova V. Borshcha. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 13 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

LOBANOV, V.I. [Mining organization in mine No. 10-bis] Opyt organizatsii prokhodki gornykh vyrabotok na shakhte No. 10-bis. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

MAKIENKO, N.I., and others. [Machine-shop practice and a fundamental knowledge of materials] Slesarnoe delo s osnovami materialovedeniia. Izd. 3-e, ster. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 414 p.

MAL'CHEV, S.M. [Mine hoisting equipment mechanic] Mashinist shakhtnoi pod"emnoi ustanovki. Moskva, Ugletekhizdat, 1956. 309 p.

MANSUROV, N.N., and V.S.POPOV. [Theoretical electric engineering] Teoreticheskaia elektrotekhnika. Izd. 6-oe. Moskva, Gos. energ. izd-vo, 1956. 592 p.

MARKMAN, D.E. [Hero of Socialist Labor Khairullin's brigade's method of multiloop mining] Mnogozaboinaia prokhodka gornykh vyrabotok po metodu brigady geroia sotsialisticheskogo truda G. Khairullina. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 20 p. (V pomoshch rabotnikam ugol'noi promyshlennosti Kazakhstana)

.BURIN.
(Iple shuttle
ary] Ustroistvo,
rovel'vernykh
i promyshlen-
sd-vo Minister-

MASTER, A.S. [High-labor productivity [illegible] 24 hour schedule] Vysokaia proizvoditel'nost' truda [illegible] sutochnogo rabochego dnia [illegible] gos. izd-vo, 1956. 39 p. (V [illegible] ugol'noi promyshlennosti Kazakhstana)

MATVEEV, M.A., and E.A. MIRUSOVA. [Ir[illegible] silicate products] Kvarts i kvartsevye [illegible] Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. [illegible]

MELAMED, G.I. [Rapid [illegible] machine-shop practice] [illegible] rabotala po-[illegible] peredovika proizvodstva [illegible] Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1955. 92 p. [illegible]

MIKHAILOV-MIKHEEV, P.P. [[illegible] steel] Tepловая [illegible] stali. Moskva, Nauchno-tekhn. izd-vo [illegible] lit-ry, 1956. 114 p.

MILJAKH, A.N. [Instrumentation of a theory of [illegible] natural systems with three degrees of freedom] Issledovanie [illegible] sistem s tremia stepeniami svobody. Kiev, Izd-vo AN Ukrainskoi SSR, 1956. 182 p.

MIL'MAN, IA.V., and I.A.PEL'TSOV. [Mechanization of [illegible] textile machinery] Avtomatizatsiia [illegible] tekstil'nykh mashin. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Mashinostroitel'noi lit-ry, 1956. 331 p.

[MINERALOGICAL SURVEY THROUGHOUT THE TERRITORY] [illegible] of the "Zapadnaia Kapitalka" [illegible] "Udarnyi" [illegible] zhakhty "Zapadnaia Kapitalka" kombinata "Ural'skzoloto" [Moskva] [illegible] "Pravda," 1956. 32 p.

MOHALEVICH, D.A. [Temperature of spent [illegible] products] Moskva, Gos. [illegible] 1956. 99 p.

MOSCOW, GOSUDARSTVENNYI INSTITUT PO PROEKTIROVANIIU PERSPEKTIVNYKH METODOV RABOT I TEKHNIKI V NTHODTEL'STVE. [Industrial [illegible] and welding of tubular [illegible] bush; and welding of tubular [illegible] shtangelokatsii. Moskva, Gos. izd-vo [illegible] Arkhitektury, 1956. 25 p. (V [illegible] Italian)

MOSCOW, GOSUDARSTVENNYI PROEKTNYI INSTITUT TYAZHPROMELEKTROPROEKT. [Technical [illegible] materials] Tekhnicheskie materialy po avtomatii [illegible] shtangelokatsii. Moskva, Gos. izd-vo [illegible] 102 p.

MOSCOW, GOSUDARSTVENNYI VEREKHUZHNI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Checking automobile front wheel alignment with the help of a GAISO instrument set; 2112 and 2102 models] Proverka ustanovki perednikh koles avtomobilei s pomoshch'iu komplekta priborov GAISO, pri-bory modelei 2112 i 2102. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 15 p.

MOSCOW, GOSUDARSTVENNYI VEREKHUZHNI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Data leading device for the ZIL-120 automobile] Mekhanizmy rucheik dlia avtomobilia ZIL-120. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 19 p.

MOSCOW, VSESOIUZNAIA PROMYSHLENNAIA VYSTAVKA, 1956. [Exhibition on the use of atomic energy for peaceful purposes] Vystavka po ispol'zovaniiu atomnoi energii v mirnykh [illegible] Moskva, 1956. 104 p.

[illegible] NAUCHNO-ISSLEDOVATEL'-
[illegible]OMOBIL'NOGO TRANSPORTA.
[illegible]es for repairing, assembling
[illegible]0 automobile] Tekhnicheskie
[illegible]ukaria i tupirovie avtomobilia
[illegible]nchno-tekhn. izd-vo avtotransp.

[illegible] NAUCHNO-ISSLEDOVATEL'-
[illegible]EZNODOROZHNOGO TRANSPOR-
[illegible]g railroad traction automotors]
[illegible]ugovykh raschetov dlia proektiro-
[illegible]s. transp. zhel.-dor. izd-va, 1956.

[illegible]

[illegible]

[illegible]

PESTOV, A. I., and IU. V. GAGEMAN. [Continuous transportation; loading machinery] Peregruzochnye mashiny nepreryvnogo transporta; atlas konstruktsii. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 91 p.

PIL'NEN'KII, E.I. [Building with reinforced concrete openwork girders and pressed reed slabs] Stroitel'stvo iz azhurnogo zhelezobetona i kamyshitovykh plit. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 25 p. (V pomoshch' stroiteliu)

PIONTKOVSKII, B. A. [Electric power supply installations for wire communication enterprises] Ustroistvo elektropitaiushchikh ustanovok predpriiatii provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 30 p. (Lektsii po tekhnike sviazi)

PISARENKO, A.P., and B.A. SAFRAI. [Technology of the production of footwear rubber parts] Tekhnologiia proizvodstva obuvnykh rezinovykh detalei. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 102 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

PODGORODNIKOV, I. S. [Russian stoves "Teplushka-2" and "Teplushka-4"] Russkie pechi "Teplushka-2" i "Teplushka-4." Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 157 p.

POGODIN-ALEKSEEV, G. I., IU. A. GELLER, and A. G. RAKHSHTADT. [Physical metallurgy; methods of analysis, laboratory work and problems] Metallovedenie; metody analiza, laboratornye raboty i zadachi. Izd. 2-oe, perer. Moskva, Gos. izd-vo obor. promyshl., 1956. 427 p.

POLIAKOV, N. S., A. IA. LICHIN, and I. G. SHTOKMAN. [Cutter-loader model DGI-2m] Gornoprokhodcheskii kombain DGI-2m. Moskva, Ugletekhizdat, 1956. 11 p. (Novaia gornaia tekhnika)

POLUNIN, N. I. [Work organization of automobile transportation on an hourly basis] Organizatsiia raboty avtotransporta po chasovomu grafiku. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1955. 42 p. (Opyt novatorov avtotransporta)

POPENKO, A. V. [Planned maintenance work is a guarantee against breakdowns] Planovo-preduprediteľnyi remont - zalog bezavariinoi raboty. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 12 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

POPILOV, L. IA. [Safety engineering in the electrical working of metals] Tekhnika bezopasnosti pri elektricheskikh sposobakh obrabotki metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 174 p.

POPOV, I. P. [A knowledge of materials] Materialovedenie. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 159 p.

[PRODUCTION OF STEEL PARTS BY MEANS OF COLD EXTRUSION] Proizvodstvo stal'nykh detalei kholodnym vydavlivaniem. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 110 p. (Iz opyta novatorov stran narodnoi demokratii)

PROGNIMAK, D. IA., and B. K. KUKLIN. [Working Donets Basin coal beds through inclined winzes to lateral or group drifts] Opyt razrabotki ugol'nykh plastov Donbassa cherez naklonnyo gezonki na polevye ili gruppovye shtreki. Moskva, Ugletekhizdat, 1956. 38 p.

PROSKURIAKOV, B. N., and M. S. CHERTOK. [Concise manual on streetcars] Kratkii spravochnik po tramvainym vagonam. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 206 p.

PROTASOV, A.A., and P.P.ZUEV. [Grooving of rollers for high-speed steel rolling] Kalibrovka valkov dlia prokatki bystrorezhushchei stali. Moscow, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 176 p.

RIZAEV, SH. R. [Theory of soil resistance to displacement] K teorii soprotivleniia gruntov sdvigu. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR, 1956. 48 p.

RIZKIN, I. KH. [Frequency division] Delenie chastoty. Moskva, Gos. energ. izd-vo, 1956. 37 p. (Massovaia radiobiblioteka, no. 245)

ROSIN, R. I. [PK-3 coal cutter-loader] Prokhodcheskii kombain PK-3. Moskva, Ugletekhizdat, 1956. 27 p. (Novaia gornaia tekhnika)

ROTAR', N.F. [Laying and facing the walls of buildings] Kladka i oblitsovka sten zdanii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 21 p. (Novatory stroitel'noi industrii)

ROZHENTSEV, V. A., and L. G. TURKEL'. [The repair of agricultural machinery] Remont sel'skhozialstvennykh mashin. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956, 203p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)

RUSOV, V.A. [Innovations in the repair of trolley buses; work practice of the Third Trolley Bus Depot in Moscow] Novoe v remonte trolleibusov; iz opyta raboty Tret'ego trolleibusnogo depo g. Moskvy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 53 p.

RUSSIA (1917- R.S.F.S.R) Ministerstvo prosveshcheniia. [Where to acquire a specialty; a handbook for students finishing secondary schools, and entering technical, vocational, and other schools] Gde poluchit' spetsial'nost'; spravochnik dlia okonchivshikh srednie shkoly, postupaiushchikh v tekhnicheskie uchilishcha, professional'no-tekhnicheskie i drugie postoianno deistvuiushchie shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 229 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie uchebnymi zavedeniiami. [Manual for students entering railroad transportation institutes] Spravochnik dlia postupaiushchikh v tekhnikumy zheleznodorozhnogo transporta. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 51 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie vagonnogo khoziaistva. [Collection of designs of spare parts for wide gauge railroad cars; undercarriages and impact couplers] Al'bom chertezhei zapasnykh detalei vagonov zheleznykh dorog shirokoi kolei; khodovye chasti i udarno-stsepnyi pribory. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 380 p.

RUSSIA (1923- U.S.S.R.) Glavpribor. [Automatic electronic potentiometers and balanced bridges; a catalog and reference manual] Avtomaticheskie elektronnye potentsiometry i uravnoveshennye mosty; katalog-spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 111 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for the use of coarse concrete mixtures in production of precast reinforced concrete and plain concrete structures and elements (U 110-56)] Ukazaniia po primeneniiu zhestkikh betonnykh smesei v proizvodstve sbornykh zhelezobetonnykh i betonnykh konstruktsii i detalei (U 110-56). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 16 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list no. 3 of miscellaneous prices for freight transportation in building work; supplement to "A collection of unit estimates for building projects"] TSennik No. 3 smeinykh tsen na perevozki gruzov dlia stroitel'stva; prilozhenie k "Sborniku edinykh rastsennykh edinichnykh rastsenok na stroitel'nye raboty." Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 214 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standards and technical specifications for the planning of automobile roads (NITU 128-56)] Normy i tekhnicheskie usloviia proektirovaniia avtomobil'nykh dorog (NITU 128-56). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 107 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo aviatsionnoi promyshlennosti. [Programs for youth finishing secondary schools designed for individual and group training in the heat treatment of metals in the machine building industry] Programmy dlia individual'noi i brigadnoi podgotovki termistov (v mashinostroenii) iz molodezhi, okonchivshei srednie shkoly. Moskva, Gos. izd-vo obor. promyshl., 1956. 29 p.

RUSSIA(1923- U.S.S.R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. Tekhnicheskoe upravlenie. [Technical specifications for the laying asphalt concrete pavements in the city] Tekhnicheskie pravila ustroistva dorozhnykh pokrytii iz asfal'tobetona, primeniaemogo v gorlachem sostoianii. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1955. 115 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo chernoi metallurgii. Tekhnicheskoe upravlenie. [Manual on coke, coke oven gas, chemical and other products of the coke industry] Spravochnik po koksu, koksovomu gazu, khimicheskim i drugim produktam koksokhimicheskoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 61 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo promyshlennosti stroitel'nykh materialov SSSR. [Instructions for the fitting and operation of the "Universal" cast iron sectional heater boiler] Instruktsiia po montazhu i ekspluatatsii otopiteľnogo chugunnogo sektsionnogo kotla "Universal." Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 17 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Price list no. 28 - 10 (handbook) of wholesale prices on products manufactured by the industrial enterprises of the Ministry of Railroad Transportation and which have already been established in price lists of other ministries] Preiskurant (No. 28-10, spravochnik) optovykh tsen na produktsiiu, vyrabatyvaemuiu promyshlennymi predpriiatiiami Ministerstva putei soobshcheniia, tseny na kotoruiu utverzhdeny v preiskurantakh drugikh ministerstv. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 319 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Rules for loading and securing the load on open freight cars; supplement no. 6 to article 8 of SMGS. In force since January 1, 1956. Tariff manual no. 11-Zh] Pravila pogruzki i kreplenila gruzov na otkrytom podvizhnom sostave; prilozhenie no. 6 k stat'e 8 SMGS. Deistvuiut s 1 ianvaria 1956 g. Tarifnoe rukovodstvo no. 11-ZH. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 146 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva. [Instructions for controlling the laying of foundations of industrial and public buildings and structures (U127-55/MS-MSPMKhP)] Ukazaniia po nabliudeniiu za osadkami fundamentov promyshlennykh i grazhdanskikh zdanii i sooruzhenii (U127-55/MS-MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 27 p.

RUSSIA(1923- U.S.S.R.) Ministerstvo stroitel'stva. Tekhnicheskoe upravlenie. [Instructions for surface compaction of soils for building and structure foundations by means of heavy tamping machines] Ukazaniia po poverkhnostnomu uplotneniiu gruntov v osnovanii zdanii i sooruzhenii tiazhelymi trambovkami. U 136-55/Minstroi. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 15 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii. Tekhnicheskoe upravlenie. ["Power construction in the U.S.S.R." Pavilion; prospectus of an exposition] Pavil'on "Energeticheskoe stroitel'stvo SSSR"; prospekt ekspozitsii. [Vsesoiuznaia promyshlennaia vystavka, Otdel propagandy, 1956]. Moskva, 1956. 46 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. Tekhnicheskoe upravlenie. [Specifications for the exploitation of single spot electric welding machines used in welding reinforcements (U142-55/MSPMKhP). Specifications for a method of determining the process of resistance spot welding of rod reinforcements (U143-55/MSPMKhP)] Ukazaniia po ekspluatatsii odnotochechnykh elektrosvarochnykh mashin, primeniaemykh dlia svarki armatury. (U142-55/MSPMKhP). Ukazaniia po metodike opredeleniia rezhima kontaktnoi tochechnoi elektrosvarki perosekaiushchikhsia sterzhnei armatury. (U143-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 44 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo ugol'noi promyshlennosti. TSentral'nyi institut tekhnicheskoi informatsii. [Annotated list of works published in 1955] Annotatsionnyi spisok izdanii za 1955 god. Moskva, Ugletekhizdat, 1956. 29 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo zagotovok. [Manual on boiler inspection] Spravochnik po kotlonadzoru. Izd. 4-oe. Sost. N. F. Muromskii. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1956. 247 p.

RYCHIN, S.A. [Riveting, cutting and fullering] Klepka, rubka i chekanka. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 147 p.

RYBAKOV, I.M. [Organization of safety measures in industry] Organizatsiia bezopasnoi raboty na proizvodstvennom uchastke. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 45 p.

RYBIN, S.A. [Equipment for ventilation of machine building plants; a handbook] Ventiliatsionnye ustanovki mashinostroiteľnykh zavodov; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 575 p.

r, S.M. - [Workable aluminum alloys] Deformi- , alliuminievye splavy. Moskva, Gos. nauchno- zd-vo mashinostroit. lit-ry, 1951. 74 p. (Za- kursy usovershenstvovaniia inzhenerov metal- -termistov, 34)

ZNAIA TEKHNICHESKAIA KONTORA "SOIUZ- MEKHZAPCHAST'." [Catalog of spare parts for , and E-651 excavators] Katalog zapasnykh cha- ekskavatorov E-505A i E-651. Moskva, Gos. o-tekhn. izd-vo mashinostroit. lit-ry, 1956.

ENYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ENNOI OBRABOTKI METALLOV. [Gas-flame of metals] Gazoplamennaia obrabotka metal- idy Vsesoiuznoi nauchno-tekhnicheskoi konferen- oskva, Gos. nauchno-tekhn. izd-vo mashino- lit-ry, 1956. 182 p.

, V. [Safety manual for mechanic repairing itives in depots] Pamiatka po tekhnike bezopas- iosarlu po remontu parovozov v depo. Izd. 2-oe, Moskva, Gos. transp. zhel-dor. izd-vo, 1956.

TO STUDY; a manual for students entering and secondary schools for special studies cal and vocational in Moscow and Moscow ce in 1956] Kuda poiti uchit'sia; spravochnik stupaiushchikh v vysshie, srednie spetsial'nye ye zavedeniia (tekhnikumy, uchilishcha, shkoly) ichesktie uchilishcha Moskvy i Moskovskoi v 1956 godu. God izd. 10-i. [Moskva] Izd-vo ovskaia pravda," 1956. 214 p.

KAIA, E. P. [Safety engineering in metal cutting] ika bezopasnosti pri obrabotke metallov reza- Moskva, Izd-vo "Morskoi transport," 1956.

, K.S. [The calculation of arched bridges] Ra- trochnykh mostov. Moskva, Gos. transp. zhel- d-vo, 1956. 114 p.

HUK, E.V., S.S.KEHCHINSKII, and M.V. KORO- KII. [Operations of truck columns far from regu- ses; experience of leading automotive units of istry of Automotive Transport and Highways Ukrainian SSR] Rabota avtomobil'nykh kolonn ve ot postoiannykh baz; iz opyta peredovykh oziaistv Ministerstva avtomobil'nogo transporta selnykh dorog USSR. Izd. 2-oe, perer. i dop. n, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 83 p. (Obmen tekhnicheskim opytom avtokho- )

ZOTOV, B.S., and N.M. IL'IN. [Electric equipment of automobiles and tractors] Elektrooborudovanie avto- mobilei i traktorov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 264 p.

## 17. MILITARY & NAVAL SCIENCES

[BRIEF DESCRIPTION OF A COMMANDING OFFICER'S LOCKER; model 1946 (Kla-46)] Kratkoe opisanie ko- mandirskogo lashchika; obr. 1946 g. (Kla-46). [n.p., n.d.] 8 p.

[MICROFILM]

BUZIK, V.F. [Intershop operational planning and pro- duction accounting in shipbuilding plants] Mezhtsekho- voe operativnoe planirovanie i uchet proizvodstva na sudostroitel'nykh zavodakh. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1955. 85 p.

DRINKOV, V.D. [The hulls of inland waters oil tankers] Korpusa neftenalivnykh sudov vnutrennego plavaniia. Moskva, Izd-vo "Rechnoi transport," 1956. 233 p.

GANTVARGER, R.B. [Outfitting in shipbuilding] Del'- nye voshchi v sudostroenii. Leningrad, Gos. soiuz. izd-vo sudostroit. promyshl., 1956. 190 p.

GLADKIKH, G.F. [How the platoon agitator should con- duct discussions with soldiers] Kak vzvodnomu agita- toru provodit' besedy s soldatami. Moskva, Voen. izd-vo Voennogo Ministerstva SSSR, 1950. 38 p.

[MICROFILM]

GORIUNOV, V.A. [Hull assembling operations] Korpuso- sborochnye raboty. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 186 p.

LUKANIN, V.M. [The strength of the Soviet soldier lies in his political consciousness] V politicheskoi sozna- tel'nosti - sila sovetskogo voina. Moskva, Voen. izd- vo Ministerstva obor. SSSR, 1956. 54 p.

MIKULINSKII, E.A. [Preventing collisions of ships at sea] Preduprezhdenie stolknovenii sudov v more; pravila, illiustratsii i polasnenila. Moskva, Izd-vo DOSAAF, 1955. 111 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Voennyi otdel. [Preserve and strengthen the glorious military tradi- tion of the Soviet army and navy; a brief recommended reading list] Berezhno khranit' i umnozhat' slavnye boevye traditsii Sovetskoi Armii i Voenno-Morskogo Flota; kratkii rekomendatel'nyi ukazatel' literatury. Moskva, 1954. 53 p.

RUSSIA (1923- U.S.S.R.) Armiia. Upravlenie Mor- skikh sil. Politicheskoe upravlenie. [The Volga flotilla in the Great Patriotic War] Volzhskaia voen- naia flotiliia v Velikoi Otechestvennoi voine. Moskva, Voen. izd-vo Ministerstva vooruzhennykh sil SSSR, 1947. 30 p. (V pomoshch' rukovoditeliu politicheskikh zaniatii)

[MICROFILM]

SHTREICH, S.IA. [Alekseĭ Nikolaevich Krylov; a sketch of his life and work] Alekseĭ Nikolaevich Krylov; ocherk zhizni i deiatel'nosti. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 231 p.

SHUR, IA.I. [The magnetic compass; a historical sketch] Magnitnyi kompas; istoricheskii ocherk. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 41)

SPASSKII, V.A., and V.A. ARKAEV. [Military hygiene] Voennaia gigiena. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 127 p. (Nauchno-populiarnaia biblio- teka soldata i matrosa)

TSAREV, F.I. [Training young soldiers and sailors in battle traditions] Vospitanie armeiskoi i flotskoi molo- dezhi na boevykh traditsiiakh. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 45 p. (Bibliotechka komsomol'skogo aktivista)

VERETE, A.G. [Repair of ships' shaft lines] Remont su- dovykh valoprovodov. Leningrad, Izd-vo "Morskoi transport," 1955. 124 p.

B Ia

## 1. GENERAL

### a) SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia, Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Social Sciences]. Erivan, no. 8, Aug. 1956. [In Armenian.]

Table of contents translated:

Tonerian, E. - Fiftieth anniversary of the newspaper "Nor khosk" ("New word"). p. 3.
Galoian, G. - The role of the U.S.A. in counter-revolutionary intervention of western imperialists in Transcaucasia in 1917. p. 9.
Vermishev, K. - Local sources of energy for stock-breeding in Armenia. p. 19.
Osipova, V. - M. Nalbandian on the problem of determinism and freedom of the will. p. 33.
IUkht, A. - Russia's eastern trade in the 1830's and 1840's and the role played in it by Armenian merchants. p. 43.
Ambartsumian, A. - The question of the existence of slavery in ancient Armenia. p. 63.
Israelian, M. - An inscription of Menuas. p. 81.
Nanumian, R. - Stepan Nazarian in St. Petersburg [In Armenian and Russian]. p. 85.
Gasparian, Gaik. - Correspondence between Dulaurier and Mkrtich Emin. p. 93.
Nalbandian, A. - Arab rulers in Armenia. p. 105.
A. A. - A new book about Soviet Armenia. p. 125.
Terzibashian, V. - "Theatrical portraits" by R. Zarian. p. 127.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin]. Baku, no. 4, Apr. 1956.

Table of contents translated:

Arif, M. - Samed Vurgun, the people's poet [in Azerbaijani]. p. 3.
Abdullaev, G.B. - Electronographic study of the structure of rectifying contacts of selenium recti-

for the plan in the light of the decisions of the 20th Congress of the Communist Party of the Soviet Union. p. 9.
Mirzadzhanzade, A.Kh., Abasov, M.T. - An approximation method for the solution of a problem on forcing viscous-plastic liquids into soil. p. 23.
Bagbanly, I.L. - Volumetric iodatometric method for the determination of cadmium. p. 29.
Trifel', M.S., Seifer, A.L., Sinitsyna, IU.E. - Electrochemical properties of aluminum protector alloys. p. 43.
Mamedov, Shamkhal, Abdullaev, A. - Synthesis of glycol ethers. p. 49.
Tutaiuk, V.Kh., Agaev, IU.M. - Action of green plastids in fruit-bearing and sprouting shoots of some fruit trees in a dry subtropical climate [in Azerbaijani with summary in Russian]. p. 57.
Dzhafarov, S.A. - Polyporaceae fungi on trees and shrubs in the Lenkoran area of the Azerbaijan S.S.R. p. 85.
Karaev, A.I., and others. - Some pharmacological qualities of Shirlan mineral waters [in Azerbaijani with summary in Russian]. p. 95.

No. 7, July 1956.

Table of contents translated:

Ismailov, A.A. - Sun faculae in hydrogen lines $H_\beta$ and $H_\delta$. p. 3.
Kuliev, A.E. - Effect of the amount of fluid pumped on the mechanical rate and service duration of the bit in turbodrilling. p. 9.
Ismailzade, I.G. - X-ray analysis of hydrocarbon absorption by montmorillonite. p. 17.
Mamedov, I.A. - Study of the potential of steel under lacquer and paint and bituminous coatings. p. 23.
Dadaeva, E.A., Shapiro, D.A. - Some problems in the engineering geological modeling of one of the horizons of the Kirmaki series. p. 27.
Bagbanly, E.A. - Effective use of bits in bottom-hole drilling [in Azerbaijani with summary in Russian]. p. 33.
Agabekov, M.G., Akhmedbeili, F.S. - Study of neotectonics in Azerbaijan. p. 49.
Novruzova, Z.A. - Physicomechanical properties of Zolkova wood. p. 73.
Akhmedov, A.M. - Rapid diagnosis of paratyphoid in calves by the precipitation reaction [in Azerbaijani with summary in Russian]. p. 89.
Aliev, M.G. - Fat content of successive portions of milk from one milking of a buffalo [in Azerbaijani with summary in Russian]. p. 97.
[illegible]a, A.D. - Ornamental pomegranates in land-[illegible]g [in Azerbaijani with summary in Russian].
[illegible]. - Khachatur Abovian, founder of the new [illegible]tic Armenian literature [in Azerbaijani with [illegible]ary in Russian]. p. 111.
[illegible]v, I.V., Vanchakova, N.K. - Problems of [illegible]/ and profitableness in petroleum production [illegible]fining. p. 123.

[illegible] NAUK GRUZINSKOI SSR, Tiflis. Soob-[illegible]ı [ACADEMY OF SCIENCES OF THE GEOR-[illegible]3.R. Reports]. Tiflis, vol. 17, no. 5, 1956.

[illegible]le of contents translated:
[illegible]M.F. - Absolute summability of Fourier's [illegible]s for functions of two variables. p. 481.
[illegible]ili, L.E. - Oseen's nonstationary boundary [illegible] problem. p. 489.
[illegible]), G.G. - Methods for selecting the paramo-for irrigating systems. p. 495.
[illegible]ashvili, A.G. - New hybrid forms of phyllox-resistant vine stocks. p. 503.
[illegible]dze, K.V. - Effect of foliage methods on [illegible]r wheat harvest. p. 509.
[illegible]boili, Z.K. - New species of the genus Pulo [illegible] (Homoptera, Coccoidea) from the mountain [illegible]ns of Georgia. p. 515.
[illegible]a, G.V. - Mixture of sulfite pulp extract and [illegible]used as ingredients insecticides. p. 519.
[illegible]L.I. - New nematodes (Metastrongylus tsciauricus, n. sp.) parasiting in wild boars in Georgia. p. 527.
Dzhaparidze, N.I. - The tick Ixodes crenulatus Koch and some data on its biology. p. 531.
Mcheditishvili, G.I. - New experimental data on changes in capillary blood circulation. p. 537.
Gzirishvili, G.A. - Total nitrogen in gastric juice before and after vagotomy. p. 545.
Litanishvili, V.B. - Venous pressure in hypertension. p. 549.
Chubinashvili, Nik. - Alandza. p. 557.
Gaprindashvili, G.M. - Architectural structures in the Pia settlement dating from the ninth and tenth centuries. p. 565.
Saniktdze, L.D. - Settlements of the Khalibs. p. 573.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal]. Alma-Ata, vol. 12, no. 9(138), Sep. 1956.

Table of contents translated:

Study more profundly the regularities of the socialist order. p. 3.
Lavrov, V.V. - The Turgay titanium-bearing province. p. 9.
Kalugin, S.K. - Types of cavities in rocks and their significance in the formation of underground water in the southwestern part of Central Kazakhstan. p. 21.
Chulnkov, Sh.A. - The distribution of azotobacter in some soils of the Kzyl-Orda irrigation system. p. 38.
Burbaev, Sh. - Using the resources for stock breeding in the eastern regions of Kazakhstan. p. 45.
Ibragimov, S.K. - Some sources for the history of Kazakhstan in the 15th and 16th centuries. p. 51.
Smirnov, I.K. - Motion pictures as a tool of scientific research. p. 60.
Tonkonogii, A.V. - The advantages of using preliminary muffles in reverberatory copper smelters. p. 65.
Dzhumagulov, L.K., IAkushkina, A.M. - A new breed of fine-fleeced sheep in the Aral region. p. 70.
Grinman, I.G., Kalinin, S.K., Marzuvanov, V.L. - Systematizing atomic spectra. p. 85.
Nevskaia, A.I. - Hydrochemical characteristics of surface flow in drought areas of Kazakhstan. p. 90.
Romentsova, M.M. - Some aspects of the regional epidemiology of brucellosis. p. 98.
Stanko, S.A. - The regulating role of anthocyans (pigments of cell fluid) in connection with the opening of plant-leaf stomata. p. 102.
Dzens-Litovskii, A.I. - A new monograph "Salt lakes of Kazakhstan." p. 110.

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Komi Branch. Transactions]. Syktyvkar, no. 1, 1955.

Table of contents translated:

Tasks of the Komi Branch of the Academy of Sciences of the U.S.S.R. in the immediate future. p. 3.
Bystrozorov, A.S. - Problems of rural electrification in the Komi A.S.S.R. p. 7.
IUdin, IU.P. - Principal forest types in the Komi A.S.S.R. p. 15.
Bolotova, V.M. - Distribution and growing conditions of the littleleaf linden in the Komi A.S.S.R. p. 31.
Zvereva, O.S. - Hydrobiological characteristics of waters connected with the Vychegda near the village of Sloboda. p. 37.
Ostroumov, N.A. - Coregonus autumnalis in the Pechora River. p. 45.
Tur'eva, V.V. - Murine rodents of the forested part of the Komi A.S.S.R. p. 53.
Dmitriev, A.S. - Swamp formation and swamp control in concentrated cuttings in pine-blueberry woods of the Sysola River basin. p. 65.
Pornachev, P.V. - Local barley varieties in the Komi A.S.S.R. p. 71.
Kosmortov, V.A. - Method of planting potatoes in ridge rows. p. 81.
Moiseev, K.A. - Cultivation practices for obtaining

...igh and early yields of head cabbage. p. 86.
...skii, P.F. - Butterfat content of milk and cattle ...feeding on Komi collective and state farms for ...ie purpose of increasing it. p. 91.
...M.A. - Problem of scientific and political ...logy in the Komi language. p. 105.
...arova, ...rminology in the Komi language. p. 109.
...A.I. - Problems in the orthography of the ...krova, ...Komi language. p. 110.
...A.S. - Scientific conference on linguistic ...rov, ...problems. p. 127.
...Branch of the Academy of Sciences; Infor- ...e Komi ...mation, p. 128.
...scientific abstracts. p. 128.
...tnars on nursery. p. 126.
...icultural

...1955- ...of contents translated:
...Table p. 3.
...face. ...G.T., Shukhrai, F.V. - Timber resources ...hnaev, ...Komi A.S.S.R. and prospects for their ...of the ...tion. p. 6.
...bilization ...A.N. - Survey of the lumbering industry ...dianov, ...Komi A.S.S.R. p. 13.
...in the ...L.A. - Ways of developing the power sup- ...ltsev, ...system for the lumbering industry of the Komi ...ply ...R. p. 21.
...A.S.S. ...ko, G.N., Ton, D.S. - Economic effec- ...rashchenko, ...of changing logging camps of the Komi ...tiveness ...R. over to the centralized power supply ...A.S.S. p. 33.
...system. ...V.P. - Problem of lowering the cost of ...dopolov, ...production. p. 41.
...lumber ...N.A. - Role of natural reproduction in areas ...zarev, ...concentrated cutting. p. 46.
...of ...ntseva, L.A. - Effect of soil conditions on ...rkholantseva, ...production of pine-sphagnum forests in cut- ...the repro...s. p. 50.
...over ar...V.N. - Pine plantations on sandy soils in ...rkova, ...ginskiy District of the Komi A.S.S.R. p. 70.
...Syktyv...V.D. - Effect of growing conditions on ...dnikh, ...and mechanical properties of pine wood in ...physical ...A.S.S.R. p. 93.
...the Komi ...kova, A.N. - Zonal variation of pine forests ...shchenk...A.S.S.R. p. 92.
...in the Komi ...A.S. - Swamping of forests and burnt-over ...mitriev, ...in the Sysola River Basin. p. 99.
...areas ...V.M. - Forest pastures in the southern ...oleova, ...the Komi A.S.S.R. p. 105.
...part of ...A.M. - Water-level curve of the Sysola ...arkina, ...River. p. 112.
...G.I. - Physical and geographical condi- ...rlamov, ...tions for building forest roads in the upper Vy- ...chegda Basin. p. 121.

...DEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. ...klady [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Reports]. Stalinabad, no. 1, 1951.

Table of contents translated:
...anasenko, G.D. - Mechanism of the stratification of earth. p. 3.
...adullin, R.A., Shamshurin, A.A. - Thermal polymer- ...ization of allyl phenol ethers. p. 6.
...amshurin, A.A. - Studying the gum of guayule. p. 13.
...rabovskaia, O.A. - Solochaks of Southern Tajikistan and the possibility of their evolution towards so- ...lonets during desalinization. p. 19.
...izkovskaia, E.K. - Localization of gutta-percha in ...eucommia. p. 23.
...orbonskaia, I.A.I. - Urodineae of Eremurus in con- ...nection with problems of ornamental floriculture. p. 31.
...doренko, G.T. - Studying the flora of Alpine lakes. p. 35.
...anilkovich, K.V. - Dependence of the population age among mountain subshrubs on absolute altitude. p. 39.
...ozvol, P.D. - Discovery of Foraminifera in Bol'shoye ...Gelikovskoye Lake. p. 43.
...shov, N.N. - Results of exploring caverns in the ...vicinity of Kulyab. p. 46.

...9, 1952.
...Table of contents translated:
...Isupova, S., Bosov, V.D. - Mineralogical character- ...istics of Neocene formations in the southern Taji- ...kistan depression. p. 3.
...khmerov, D.Kh. - Fissure tectonics of granitoid ...rocks in the Mogov Valley. p. 9.
...hamshurin, A.A. - Synthesis of 2,6-dimethoxyphenyl- ...glyoxal. p. 15.
...hamshurin, A.A. - Studying the gum of Guayule. ...Report no. 2. p. 19.
...izkovskaia, E.K. - Development of gutta-percha con- ...taining ...in eucommia. p. 23.
...Betlin, ...A.L., Usova, K.I. - Periodicity in the ex- ...cretion ...of intestinal protozoa. p. 31.
...ray, I.M., Martynova, V.N. - Oxygen-binding ...function of the blood in Karakul sheep at the differ- ...ent altitudes. p. 35.
...Muraley, E.A. - Helminthic fauna in ruminants of ...the Gorno-Badakhshan Autonomous Province. p. 41.
...Tadzhikov, D.T. - Tajik participial-determinant ...phrases of the type "Kitobi man khondagi." p. 45.
...Rozenfel'd, A.Z. - Vanch dialects. p. 49.

...15, 1953.
...Table of contents translated:
...Isupova, S. - Axinite in the Darvaza Range. p. 9.
...khmerov, D.Kh. - Quantitative mineralogical com- ...position of granitoid rocks in the Amshut intru- ...sion. p. 7.
...arata, R.D., Akhmerov, D.Kh. - Petrography of ...the Yeru intrusion. p. 13.

Kanlor, M.Z. - Wollastonite rocks in Nothern Tajikistan and the possibilities for their practical utilization. p. 19.
Kanotr, M.Z. - Discovery of datolite in Central Asia. p. 25.
Poletaev, I.K. - Hydrogeological conditions in the Kamysh-Kurgan land massif and the use of its ground water for irrigation. p. 27.
Poletaev, I.K. - Estimate of land improvement potential for the northern foothills of Turkestan Range in the Khodzha-Bakirgan and Ak-Su Valleys. p. 33.
Solov'ev, A.V. - Period of the Cepheid XV Persei. p. 39.
Bakharev, A.M. - Determining the type of tail of comet 1948 XI. p. 41.
Popereka, M.IA. - Allowance for the diameter of roller bodies as a factor in bearings' durability. p. 45.
Popereka, M.IA. - Evaluation of the effect of roller precision on play in radial roller bearings. p. 51.
Potapov, R.L. - Pamir ornithofauna. p. 57.
Maksunov, V.A. - Morphology and biology of the roach in the Farkhad reservoir. p. 63.
Bogdanov, O.P. - Bats of Tajikistan. p. 69.
Odynets, R.N. - "Precursors" of fat in cow 's milk. p. 77.
Ikramov, Z.Kh. - Spreading of endemic bladder stone disease in Tajikistan. p. 83.
Ikramov, Z.Kh. - Gurjani. p. 89.
Erez, B.M. - Intracardiac nervous system in certain birds. p. 95.
Erez, B.M. - Intracardiac nerves in turtles. p. 105.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Transactions]. Stalinabad, vol. 3, 1952. Kormoproizvodstvo [Feed supply], no. 1.

Table of contents translated:
From the editor. p. 3.
Pekhachek, M.I. - Composition and nutritive value of grasses of the Eastern Pamirs. p. 5.
Sin'kovskii, L.P. - Some of the more important pasture weeds on southern slopes of the Gissar Range and their control. p. 79.
Morozova, O.I. - Materials on the efficient utilization of perennial pastures of Southern Tajikistan. p. 115.

Vol. 5, 1952. Zoologiia i parazitologiia [Zoology and parasitology].

Table of contents translated:
Narzikulov, M.N. - Ecology of the woolly apple aphid and measures for its control in Tajikistan. p. 5.
Luppova, E.P. - Ecology of the shield bug Eurygaster integriceps in Tajikistan. p. 23.
Arnol'di, L.V. - Nodule weevils of the genus Sitona Germ. in the fauna of Tajikistan. p. 43.
Vinogradova, V.N. - Materials on the study of vegetable and vine crop pests of Tajikistan. p. 57.
Narzikulov, M.N. - Biology of pistachio aphids and their forms with incomplete metamorphosis in Tajikistan. p. 67.
Luppova, E.P. - Ecology of the adult stage of the most important malaria carriers in Tajikistan. p. 77.
Ioff, I.G., Sosnina, E.F. - Fleas of Tajikistan. p. 87.
Dubinin, V.B., Sosnina, E.F. - Feather mites parasitic on birds wintering in southern Tajikistan. p. 97.
Sosnina, E.F. - Worms parasitic on the amphibians of Tajikistan. p. 109.
Lototskii, D.V., Sirotenko, M.P. - Hemosporidiosis of cattle and horses in Tajikistan. p. 119.

Vol. 10, 1953.

Title translated:
Matveev, M.I. - Water cycle of some arborescent plants in the mountainous part of Tajikistan. 81 p.
Title transliterated: Matveev, M.I. - Vodnyi rezhim nekotorykh drevesnykh rastenii gornogo Tadzhikistana. 81 p.

Vol. 19, 1954. Materialy po istorii Srednei Azii i Tadzhikistana [Materials on the history of Central Asia and Tajikistan].

Table of contents translated:
Iskandarov, B.I. - Bukhara in 1918-1920 (liquidation of the Bukhara Emirate, Central Asian center for English interventionists and the Russian counterrevolution). p. 3.
Bogomolova, K.A. - History of the collectivization of Leninabad Province in Tajikistan. p. 69.

Vol. 40, 1955. Sbornik nauchnykh rabot, posviashchennykh pamiati prof. L.F. Paradoksova [Collection of scientific works dedicated to the memory of Professor L.F. Paradoksov].

Table of contents translated:
Professor Leonid Fedorovich Paradoksov; obituary. p. 3.
List of Prof. L.F. Paradoksov's works. p. 5.
Paradoksov, L.F. - X rays for measuring the length of the eyeball in living people. p. 7.
Paradoksov, L.F. - Method of restoring passage through the lacrymal ducts during interruption following dacryocystorhinostomy. p. 55.

Arkhangel'skii, P.F. - Development of ophtalmological services in Central Asia. p. 59.
Pavlov, N.M. - Medical tactics in ophtalmology. p. 65.
Karanov, S.K. - Early ophtalmological picture of the fundus oculi in gunshot wounds of the skull. p. 71.
Medvedev, N.I., IUsupov, A.IU. - Some problems in treating penetrating wounds of the eyes. p. 75.
Geft, V.B. - Treating eversion of the eyelid edge and irregular growth of the eyelashes. p. 83.
IUsupov, A.IU. - Treating trachomatous ectropion by reversing the palpebral cartilage. p. 89.
Geft, V.B. - Comparative rating of the therapeutic effect of sulfanilamide and of a 1% synthomycin emulsion in trachoma. p. 95.
Tarpi, B.A. - Results of applying a 1% synthomycin emulsion without mechanotherapy in treating trachoma. p. 100.
Rybal'skata, IU.N. - Glaucoma in Tajikistan. p. 111.
Demina, E.I. - Treating sympathetic ophtalmia by antibiotics. p. 115.
Popandopulo, S.G. - Dacryocystorhinostomy according to clinical materials for the past 12 years (1941-1952). p. 119.
Medvedev, A.N. - Surgical treatment of pterygium by Prof. S.S. Golovin's method. p. 125.
Avetisov, E.S. - Some problems in the prevention of epidemic conjunctivitis. p. 129.
Zadvorniak, P.V. - Dynamics of the incidence of acute contagious conjunctivitis in the city of Kanibadam. p. 137.
Medvedev, A.N. - Hirudinization in ophtalmology. p. 141.
Bobokhodzhaeva, M.IA. - On the problem of ophtalmomyiasis caused by the larvae of nose flies in Tajikistan. p. 147.
Rozenblium, IU.Z. - Affection of the eyes in quinine poisoning. p. 153.
Valsblat, A.S. - Affecting the process of color sensation by hypnotism. p. 159.
Rozenblium, IU.Z. - Tonic spasm of accomodation. p. 163.
Valsblat, A.S. - Eliminating the pain syndrome in iridocyclitis and glaucoma by hypnotic suggestion. p. 169.
Bunkina, M.D. - Cases of favorable outcome of endophtalmitis treated with antibiotics. p. 173.
Vovsi, B.M. - Case of lacerated scalped wound of the head with rupture of the cutaneous and muscular layers of the lower lid of the right eye. p. 175.
Rozenblium, IU.Z., Vovsi, B.M. - Case of malignant melanoma of the vascular membrane combined with heterochromia. p. 177.
Tian, N.I. - Case of allergic reaction to penicillin. p. 179.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Otdelenie obshchestvennykh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Social Sciences. Bulletin]. Stalinabad, no. 9, 1956.

Table of contents translated:
Nesterova, N.P. - The Russian Revolution of 1905-1907 was a model of revolutionary activity on the part of the masses. p. 3.
Khadi-Zade, R. - "Gift by the beloved." Kori R. Vozekh. p. 43.
Tursunov, M. - Compound words in the modern Tajik literary language. p. 73.
Kapranov, V.A. - History of Tajik lexicography. p. 85.
Rozenfel'd, A.Z. - Voices of the Tajik verb. p. 105.
Livshits, V.A. - Demonstrative pronouns in the Afghan (Pashto) language. p. 121.
Nazarova, N.S. - The development of Soviet trade is an important index of the greater prosperity of the people. p. 147.

AKADEMIIA NAUK URSR, Kiev. Visnyk [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Journal]. Kiev, vol. 27, no. 7(236), July 1956. [In Ukrainian.]

Table of contents translated:
Palladin, O.V. - Using radioactive isotopes for research work on functional biology of brain. p. 3.
Horodets'kyi, O.O. - Biological effect of nuclear radiation and methods for protection against it. p. 12.
Delimars'kyi, IU.K. - Chemical problems connected with the utilization of nuclear power for peaceful purposes. p. 19.
Ostrianyn, D.Kh. - Marxism-Leninism on the role of peoples and the individual in history. p. 27.
Kachura, B.S. - Some "theories" about the anti-crisis effect of state expenditures. p. 39.
Braichevs'kyi, M.IU. - First historian of the East Slavic peoples. p. 51.
Vlasiuk, P.A. - International Congress on Trace elements. p. 64.
Rubenchyk, L.I. - Azotobacterin, a bacterial fertilizer compound. p. 69.
Taranukha, M.D. - New methods for chemical control of Eurygoster integriceps. p. 64.
Anisimov, IU.A. - G.D. Romanovskii; on the 50th anniversary of his death. p. 72.
In the Presidium of the Academy of Sciences of the Ukrainian S.S.R. p. 75.
New books. p. 79.

B Ia

Vol. 27, no. 8(237), Aug. 1956. [In Ukrainian.]
Table of contents translated:
Bilets'kyi, O.I. - Great significance of Ivan Franko; 1856-1916. p. 3.
Ostrianyn, D.Kh. - Philosophical views of I.IA. Franko. p. 19.
Verves, H.D. - Ivan Franko and Slavic literature. p. 31.
Holubovs'ka, IE.A. - Economic views of I.IA. Franko. p. 45.
Kin'ko, A.M. - Bard of the people's eternal strength. p. 56.
Iofanov, D.M. - Ivan Franko as a translator. p. 70.
In the Presidium of the Academy of Sciences of the Ukrainian S.S.R. p. 73.
New books. p. 79.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Ělmi šəərlər. Uchenye zapiski [AZERBAIJAN STATE UNIVERSITY. Studies]. No. 10, 1955.
Table of contents translated:
Guseinov, I. - First people's revolution in the era of imperialism [in Azerbaijani]. p. 3.
Ibragimov, Z. - Peasant movement in Azerbaijan during the first Russian revolution. p. 17.
Sarkisov, N. - Working class movement at the time of the all-Russian political strike in October of 1905 in Baku. p. 35.
Aliev, Kh. - Agrarian program of the Bolsheviks at the time of the first Russian revolution [in Azerbaijani with summary in Russian]. p. 45.
Dadashly, A. - First Russian revolution and rise of the national liberation movement in Iran [in Azerbaijani with summary in Russian]. p. 57.
Kasumov, M. - Inspiring influence of the first Russian revolution on the democratic circles of Azerbaijani intellectuals. p. 79.
Gadzhiev, D. - The Revolution of 1905 and Azerbaijani culture [in Azerbaijani with summary in Russian]. p. 91.
Emirov, N. - Daghestan at the time of the first Russian popular revolution of 1905-1907. p. 105.
Khalikov, M. - All-Russian political strike of October 1905 and its repercussions in Daghestan. p. 113.
Mubariz Ali-Zade, M. - The first Russian revolution and democratic Iranian literature. p. 119.

ERIVAN. GOSUDARSTVENNYI RUSSKII PEDAGOGICHESKII INSTITUT. Studencheskii nauchnyi sbornik [STATE RUSSIAN PEDAGOGICAL INSTITUTE. Students' Scholarly Papers]. No. 4, 1956.
Table of contents translated:
Greeting to the poet Avetik Isaakian. p. 3.
Goreva, Aleksandra. - To Avetik Isaakian, the poet and the man. p. 4.
Mkrtchian, L. - Social themes in the work of Avetik Isaakian on the eve of and during the Revolution of 1905-1907. p. 5.
Ter-Markarian, A. - Miner. p. 21.
Tarasiuk, Sv. - Teacher. p. 22.
Tarasiuk, Sv. - White snowflakes. p. 23.
Petrenko, S. - You aren't the girl... p. 24.
Golub, B. - Taras Shevchenko and the Russian revolutionary democrats. p. 25.
Nuralov, Ed. - Some moments in Borodin's work on the opera "Prince Igor." p. 41.
Tonian, S. - Problem of the relationship between the older and the younger generations in 17th century Russian tales. p. 60.
Danielian, T. - Unconjugated verb forms in Armenian and Russian. p. 74.
Suslina, A. - Etymological principle of French orthography. p. 96.

ERIVAN. GOSUDARSTVENNYI RUSSKII PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE RUSSIAN PEDAGOGICAL INSTITUTE. Studies]. Vol. 4, 1955.
s translated:
ael Nalbandian. p. 7.
of freedom in the Peter
bandian for
ition-
p. 45.
.. 77.
o
ivil

Vol. 5, 1955.
Table of contents translated:
Glorious twentieth anniversary. p. v.
Garibian, A.S. - Comparative phonetics of Armenian and the Slavic languages. p. 1.
Ganalanian, O.T. - Avetik Isaakian. p. 17.
Akhumian, Tigran. - Khachatur Abovian. p. 33.
Melik-Nubarov, S.O. - The method of socialistic realism in the works of Maiakovskii. p. 55.
Margarian, A.E. - The novel "Hydroelectric Power Center" by Marietta Shaginian. p. 73.
Sogomonian, S.A. - Schiller's dramas. p. 83.
Melkumian, R.L. - Category of gender in modern Russian. p. 119.
Agababian, G.M. - Study of the main parts of the sentence in Armenian schools. p. 137.
Chakhmakhchian, Kh.M. - Imperialist conflicts and the international situation in the years preceding the Second World War. p. 165.
Tevosian, A.M. - The union of analysis and synthesis in the cognitive process. p. 187.
Geodakian, I.M. - Aspects of the psychology of visual education in teaching and their interpretation in psychological literature. p. 201.
Mirzoian, L.B. - Fluctuations in the brightness of the Milky Way. p. 217.
Karapetian, N.K. - Crustal structure in the Lesser Caucasus according to seismic data. p. 227.

ERIVAN. UNIVERSITET. Nauchnye trudy [UNIVERSITY. Scientific Works]. Vol. 53, 1956. Serlin khimicheskikh nauk [Series in the Chemical Sciences] no. 3.
Table of contents translated:
Dangian, M.T., Arakelian, S.V. - Preparation of $\delta$-oxy-$\gamma$-lactones. Part 2 [in Armenian with summary in Russian]. p. 3.
Dangian, M.T., Zalinian, M.G. - Preparation of $\delta$-oxo-$\gamma$-lactones. Part 2 [in Armenian with summary in Russian]. p. 15.
Dangian, M.T., Titanian, S.G. - Reaction of dicyandiamide with caproic, isoheptanoic, stearic, and azelaic acids [in Armenian with summary in Russian]. p. 27.
Durgarian, A.A., Dangian, M.T. - Condensation of 1,3-dichlorobutene-2 with aromatic hydrocarbons in presence of zinc chloride [in Armenian with summary in Russian. p. 33.
Arolan, A.A., Titanian, S.G., Arzolan, G.A. - Chloromethylation of certain p-cresol esters [in Armenian with summary in Russian]. p. 45.
Arolan, A.A., Titanian, S.G., Gevorgian, M.G. - p-alkoxybenzylalkyl ethers and their behavior in a chloromethylating medium. p. 53.
Giul'budagian, L.V. - New derivatives of 2-methyl-4-oxyquinoline [in Armenian with summary in Russian]. p. 67.
Taralan, V.M. - Potential of the mercury electrode in mercurous solutions. p. 85.
Taralan, V.M., Ovsepian, E.N. - Effect of pH on the ferri-ferro indicator system in determining aluminum by the fluoride method. p. 76.
Ovsepian, E.N., Taralan, V.M. - Use of an aluminum indicator electrode in determining aluminum by the fluoride method. p. 85
Chaltykian, O.A., Chtian, G.S., Darbinian, G. Possibility and accuracy of determining the rate of oxidation for cuprous chloride in a complex salt solution by measuring the conductivity. p. 95.
Atenesian, E.N., Marmarian, G.A. - Preparative proof of the formation of diphenylnitrosamine in the reactive mixture: benzoyl peroxide - diphenylamine - nitrogen oxide. p. 105.
Atanesian, E., Sarkisian, A., Aleksanian, R. - Electroconductivity of the system: diethylamine - benzoic acid in organic solvents. p. 111.
Mamian, A.N. - Potential shift in the separation of copper from cupric sulfate in presence of acetylene. p. 127.
Avakian, S.N. - Urea complexes with cadmium chloride and bromide [in Armenian with summary in Russian]. p. 137.

GORKIY. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 16, 1955. Filologicheskoe otdelenie istoriko-filologichekogo fakul'teta [Philological section of the Department of Historical-Philology].
Table of contents translated:
Aleksandrov, B.I. - Some aspects of the development of realism in 19th century Russian literature. p. 3.
Cherviakovskii, S.A. - Historical and revolutionary narrative poems of N.A. Nekrasov. p. 34.
Tikhovodov, A.A. - Portrayal of the positive hero in the works of I.S. Nikitin. p. 58.
Farber, L.M. - "People from afar," a novel by A.G. Malyshkin as a work of socialist realism. p. 79.
Orfanova, A.N. - Basic composition features of Soviet military tales dating from the Great Patriotic War. p. 103.
Orlov, S.A. - Realism in Walter Scott's novels. p. 126.
Libinzon, Z.Kh. - Chernyshevskii on romanticism abroad. p. 168.
Kalinin, I.A. - Some distinctions in the use of verbal aspects. p. 188.
Smirnov, V.A. - N.V. Gogol's comedy "The Inspector General" as an outstanding work of literary art. p. 202.

KIEV. UNIVERSITET. Naukovi zapysky [UNIVERSITY. Scientific Records]. Vol. 7, no. 2, 1948. IUrydychnyi zbirnyk [Legal collection], no. 2.
Table of contents translated:
Boshko, V.I. - System of Soviet family law and its place in the general system of socialist law. p. 5.
Brainin, IA.M. - Is the application of analogy by the courts a source of Soviet criminal law? p. 29.
Gel'fand, I.A. - Some problems concerning preliminary investigation in the all-Union code of criminal procedure. p. 45.
Landkor, S.N. - History of Soviet patent law. p. 71.
Matveev, G.K. - Fault as a basis of contractual liability. p. 111.
Sapozhnikov, IU.S. - Legal status of experts. p. 139.
Shtutin, IA.L. - Material justice in the Soviet civil case. p. 151.

Vol. 7, no. 6, 1948. Trudy Botanichnoho sadu im. akad. O.V. Fomina [Transactions of the A.V. Fomin Botanical Garden], no. 10. [In Ukrainian and Russian.]
Table of contents translated:
Kostriukova, K.IU. - Pollen grains in amaryllidaceae. p. 5.
Oksner, A.M. - Lichens of the family Gladoniaceae in the Ural Mountain region. p. 19.
Lazarenko, A.S. - Tetraphis trachypoda Kindb. in Europe in relation to the origin of boreal flora. p. 41.
Lypa, O.L. - Pharmaceutical, botanical, and acclimatization gardens in the Ukraine as introduction centers. p. 47.
Klokov, M.V. - New and little known species of the genus Centaurea L. from the Ukraine. p. 67.
Maliushyts'ka, M.I. - Wild grasses in the botanical garden of T.H. Shevchenko State University in Kiev. p. 85.
Soloviova, M.O. - Physiological characteristics of the germination of seed in fruit plants. p. 99.
Protsenko, D.F. - Effect of high and low temperature on the fermentation capacity of some species of yeast. p. 115.
Plotnikova, T.V. - Biology of flowering and fruit bearing processes in milkweed. Part 2. p. 131.
Protsenko, D.F., Polishchuk, L.K. - Effect of low temperature on physiological processes in some greenhouse plants. p. 147.
Mininberh, S.IA. - Frost-resisting properties of the root system in grapes. p. 163.
Protsenko, D.F., Sidorenko, M.V. - Anatomical characteristics of some cactuses. p. 173.
Protsenko, D.F. - Thirty years of Soviet agricultural and industrial microbiology. p. 193.
Polishchuk, L.K. - Correlation between chlorophyll and catalase. p. 199.
Bolokon', I.P. - Water content of different leaves of the same plant. p. 203.
Borzakivs'ka, I.V. - Viability of the pollen of some greenhouse plants. p. 213.
Okanenko, A.S. - Particular aspects of chemical structure and biochemical processes depending on the size of plants. p. 225.

Vol. 8, no. 3, 1949. Biologichnyi zbirnyk [Biological papers], no. 4. [In Ukrainian.]
Table of contents translated:
Protsenko, D.P. - Particular aspects of the germination of seeds of kok-saghyz and dandelions. p. 5.
Protsenko, D.P. - Formation of fat in some strains of yeast. p. 27.
Chornobyl's'ka, M.N. - Direct observation of soil microflora for the prevention of the oxidation of beer in the acetone-butyl industry. p. 33.
Kil'cheva's'ka, H.A. - Characteristics of microflora in the Kiev water system. p. 41.
Maliushyts'ka, M.I. - Adventive flora in the city of Kiev. p. 45.
IEmchenko, A.I. - Effect of electrolytes on the rhythm of heart contractions and tetanus. p. 55.
Skvyrs'ka, E.B. - Acetylcholine in the nervous system. p. 71.
Shcherbyna, M.V. - Functional and morphological importance of the nasal cavity in fishes. p. 85.
Koval', V.P. - Structure of the reproductive system in Coitocoecum skrjabini Iw. 1929. p. 91.
Koval', V.P. - Data on the genus Allocreadium Looss. p. 99.
Koval', V.P. - Digenetic trematoda of the genus Palaeorchis in Dnieper fishes. p. 105.

Vol. 8, no. 4, 1949. Matematychnyi zbirnyk [Mathematical review], no. 3. [In Ukrainian.]
Table of contents translated:
Pfeiffer, IU.V. - Integrals of symbolic equations connected with equations linear in their Jacobians, which satisfy the M. Hamburger conditions. p. 5.
Pfeiffer, IU.V. - Correlation between the integration of an equation linear in its Jacobians and satisfying the M. Hamburger conditions, and the corresponding symbolic equation. p. 9.
Pfeiffer, IU.V. - Simplest integration of a generalized Pfaff theorem of equations linear in their Jacobians and satisfying the M. Hamburger conditions. p. 13.
Shtokalo, I.Z. - Generalization studies in the general-

ized theory of partial differential equations. p. 19.
Sokolov, IU. D. - Symmetrical case in the three body problem with reciprocal attraction inversely proportional to the cubes of distances. p. 25.
Sokolov, IU. D. - Form of the development of functions characterizing motion in the generalized three-body problem in the neighborhood of a singular point. p. 47.
D'iachenko, V. E., Mal'nev, A. F. - Theory of stationary processes in a thermoelement. p. 69.
Latysheva, K. IA. - Algorithm for determining asymptotic solutions of linear differential equations for the higher values of the independent variable. p. 79.
Latysheva, K. IA. - Determination of asymptotic representations for solutions of a linear differential equation for relatively small values of the argument. p. 95.
Shteinberg, A. S. - Formulas for practical harmonic analysis and certain problems for estimates of uniform approximations of functions. p. 105.
Putilin, I. I. - Orbit of the small planet 1036 Ganymede. p. 111.

Vol. 8, no. 5, 1949. Trudy Botanichnoho sadu im. akad. O. V. Fomina [Transactions of the A. V. Fomin Botanical Garden], no. 20.
Table of contents translated:
Kostriukova, K. IU. - Practice of growing pollen tubes for cytological observations during the lifetime of plants. p. 5.
Maiskov, F. F. - Photoperiodical adaptation and geographical origin of plants. p. 13.
Vlasiuk, P. A., Klimovitskaia, Z. M. - Effect of various types of potassium fertilizers on the synthesis of rubber and chemical composition of kok-saghyz. p. 35.
Brilliant, V. A. - Light and dark reactions in photosynthesis. p. 45.
Glubbonet, E. R. - Temperature and light limits of photosynthesis in Laminaria digitata. p. 51.
Protsenko, D. F. - Effect of large doses of nitrogen on the growth and accumulation of rubber in kok-saghyz. p. 59.
Kolomiets, I. A. - Formation of reproductive organs in apple trees. p. 71.
Protsenko, D. F., Dubinskaia, G. M., IAdritseva, E. F. - Effect of growing conditions on the frost-resistance of winter crops. p. 91.
Tregubenko, M. IA. - Effect of the growing conditions of alfalfa on its frost-resistance and winter hardiness. p. 117.
Mininberg, S. IA. - Activity of catalase as an indicator of shade tolerance in plants. p. 135.
Protsenko, D. F. - Anatomical structure of the petiole as an indicator of the drought-resistance of wild strawberries. p. 141.
Polishchuk, L. K. - Dynamics of chlorophyll in leaves of Buxus sempervirens L. in the open and under cover. p. 147.
Plotnikova, T. V. - Dynamics of chloroplasts during the formation of flowers and seeds in milkweed. p. 153.
Duka, S. Kh. - New type of a fruit-bearing plant. p. 169.
Protsenko, D. F., Klrova, K. A. - Changing the nature of yeast by cultivation. p. 173.
Mininberg, S. IA. - Intensity of regeneration in different varieties of grapes according to frost-resistance. p. 191.
Tokar', L. O. - Selection of food plants according to their dietetic qualities. p. 195.
Bilokin', I. P. - A. V. Fomin Botanical Garden in Kiev [in Ukrainian]. p. 213.
Turkevich, M. V., Llava, I. IA. - Juglandaceae in the A. V. Fomin Botanical Garden. p. 223.
Dyrdovs'kyi, V. U. - Exposition of Mediterranean plants in the greenhouses of the A. V. Fomin Botanical Garden in Kiev [in Ukrainian]. p. 237.

Vol. 8, no. 6, 1949. Trudy Kanivs'koho biogeohrafichnoho zapovidnyka [Transactions of the Kanev Biogeographical Preserve], no. 7. [In Ukrainian.]
Table of contents translated:
Markevych, O. P. - Helminthic fauna in Dnieper fishes in the region of the city of Kanev. p. 1.
Kryshtal', O. P. - Myriapoda in the Kanev Biogeographical Preserve. p. 13.
Lavits'ka, Z. H. - The more important parasitic fungi in the region of the Kanev Biogeographical Preserve. p. 27.
Lavits'ka, Z. H. - Data on the Myxomycetes in the central portion of the Dnieper Valley. p. 47.
Raievs'ka, I. O., Komarets'ka, K. M. - Studying the mycoflora in the Kanev Biogeographical Preserve. p. 51.
Mel'nyk, S. V. - Studying the bryoflora in the Kanev Preserve. p. 63.
Hlobova, N. D. - Leaf beetles (Chrysomelidae, Coleoptera) in the central portion of the Dnieper Valley. p. 73.
Mamontova, V. O. - Plant lice (Aphididae) in the Kanev Biogeographical Preserve. p. 87.

Vol. 8, no. 7, 1950 [i.e. 1949]. Trudy Nauchno-issledovatel'skogo instituta fiziologii zhivotnykh [Transactions of the Scientific Research Institute of the Physiology of Animals], no. 5.
Table of contents translated:
Vorontsov, D. S. - Action currents of the spinal cord in frogs. Report 2. p. 5.
Vorontsov, D. S., Fudel'-Osipova, S. I. - Correlation of the stimulation and excitation of a plantar preparation from a frog by separate stimulations. p. 41.
Fudel'-Osipova, S. I. - Pericelectrotonus. p. 63.
Kostiuk, P. G. - Adaptation in nerves. Report 1: Changes in adaptation caused by temperature, K and Ca ions, and electrical polarization. p. 93.
Kostiuk, P. G. - Adaptation in nerves. Report 2: Changes in adaptation caused by narcotics. p. 111.
Kovtun, S. D. - Rest currents of muscles and nerves fixed in formalin. p. 129.
Kovtun, S. D. - Effect of anode and cathode polarization on the function of ganglia. p. 149.
Rozental', I. S. - What does the conditional reflex method gain for the study of higher nervous activity and is it possible to control such activity? p. 159.
Emchenko, A. I. - Regularities in the secretion of inorganic substances in the saliva of dogs. p. 171.
Kharchenko, P. D. - Effect of NaCl, KCl, $CaCl_2$ salts on the electromotive properties of nerves. p. 213.
Kravchenko, N. A., Beznosenko, A. G., Liubashenko, M. A. - Studying the sweat glands in cattle in relation to milk production. p. 217.
Beritov, I., Roitbak, A. - Electric potentials of the spinal cord in frogs during stimulation of the skin. p. 241.
Serkov, F. N. - Tonic component in the contraction of skeletal muscle under pessimal stimulation. p. 249.
IUdenich, N. A. - Physiology of the nerve endings in skeletal muscle; effect of curarl on the nerve endings in skeletal muscle. p. 259.
Vetiukov, I. A. - Effect of outer temperature on the reciprocal reactions of antagonistic muscles in frogs. p. 273.
Validov, I. G. - Studying the effect of various adrenalin concentrations on the vitality of muscle-nerve preparation. p. 281.
Gabbasova, M. A., Validov, I. G. - Effect of temperature on the positotanic intensification of the contraction of muscles. p. 297.
Volkobol, M. F. - Morphology of the oblique external abdominal muscle in some mammals. p. 309.

Vol. 9, no. 6, 1950. Trudy zoologichnoho muzeiu [Transactions of the Zoological Museum], no. 2.
Table of contents translated:
Kistiakovskii, A. B. - Materials on the zoogeography of the Pamirs. p. 5.
Abelentsev, V. I. - Bats in Transcarpathia and other western provinces of the Ukrainian S. S. R. p. 59.
Girenko, L. L. - Distribution of the black rat in the Ukrainian S. S. R. p. 75.
Reilbtat, A. G. - Rodents of the mouse family in Kiev parks and their role in the municipal economy. p. 97.
Smogorzhevskii, L. A. - Significance of the nesting territory and singing of birds. p. 103.
Tarashchuk, V. I. - Ecology of the green lizard (Lacerta viridis Laur.) in the Kanev Biogeographical Preserve. p. 109.
Belanovskii, I. D. - Diptera of the southwestern Pamirs. p. 133.
Diatlova, T. I. - Materials for studying the fleas of the Ukraine. p. 145.
Shishkin, K. L. - Biology and ecology of Pieris brassicae. p. 151.
Korneev, A. P. - The southernmost colony of beavers (Castor fiber L.) in the U. S. S. R. p. 155.
Korneev, A. P., Marisova, I. V. - New discovery of the free-tailed bat (Tadarida teniotis Rafin) in the U. S. S. R. p. 159.
Artobolevskii, V. M. - Previous discovery of Lepus timidus Lin. in Penza Province. p. 160.
Deliamure, S. L. - Albinism in bats. p. 160.
Artobolevskii, V. M. - Migration of the slender-billed nutcracker (Nucifraga caryocatactes macrorhynchos Brehm) in the Ukraine in recent years. p. 161.
Dabenko, L. A. - Discovery of the merganser (Mergus merganser Lin.) on the Dnieper near Kanev in the summer of 1947. p. 162.
Parkhomenko, V. V. - The serin (Serinus canaria serinus-Lin.) in Kiev. p. 162.
Voinstvenskii, M. A. - Discovery of the buzzard Buteo rufinus Cretzschm in a nesting territory of the "Chernyy Les" in Kirov Province. p. 162.
Voinstvenskii, M. A. - The little bunting (Emberiza pusilla Pall.) in the vicinity of Kiev. p. 163.
Voinstvenskii, M. A. - A colony of aquatic warblers (Agrocephalus aquaticus) in Chernigov Province. p. 163.
Voinstvenskii, M. A. - New discoveries of Tengmalm's owl (Aegolius funereus L.) in the vicinity of Kiev. p. 164.
Voinstvenskii, M. A. - Spreading of the black redstart (Phoenicurus ochruros Gmel.) toward the east in the postwar period. p. 164.
Tarashchuk, V. I. - The adder (Vipera berus Lin.) in the Kanev Biogeographical Preserve. p. 164.
Tatarinov, K. A. - Distribution and ecology of the salamander (Salamandra salamandra L.) in the northeastern Carpathians. p. 165.
Ermolenko, V. M. - Discovery of the snow scorpion fly Boreus westwoodi Hag. (Boreidae, Mecoptera) in the winter of 1948 in the vicinity of Kiev. p. 166.
Ermolenko, V. M. - Gallflies (Cynipidae, Hymenoptera) on the snow in the vicinity of Kiev. p. 167.



Vol. 9, no. 9, 1950. Matematychnyi zbirnyk [Mathematical review], no. 4. [In Ukrainian.]
Table of contents translated:
Boholiubov, M. M. - Synchronization of relaxation oscillations. p. 5.
Sokolov, IU. D. - Study of the qualitative and analytical theory of differential equations in dynamics. p. 29.
Sokolov, IU. D. - Integration in elliptic functions of equations for the rectilinear motion of three equal masses interacting with forces directly proportional to the cubes of their distances. p. 41.
Latysheva, K. IA. - New form for regular solutions of linear differential equations. p. 51.
Latysheva, K. IA. - Absence attribute for solutions of linear differential equations. p. 67.
Blahoveshchens'kyi, IU. V. - Certain approximations in conformal mapping. p. 73.
Putilin, I. I. - Secular disturbances from Saturn. p. 79.
Sydliar, M. M. - Concentration of dynamic stresses at the contour of a circular aperture in a plate with longitudinal forces applied to its edges. Parts I and 2. p. 83.
Zmorovych, V. A. - Generalization of the second Abelian theorem in the theory of power series. p. 129.
Koval', P. I. - One class of infinite systems of linear algebraic equations. p. 135.

Vol. 9, no. 10, 1950. Geologichnyi zbirnyk [Geological papers], no. 3.
Table of contents translated:
Rodionov, S. P. - Ingulets crystalline complex. p. 9.
Polovinkina, IU. I. - Red trachytoid granite in the Ingul-Ingulets region of the Ukraine. p. 53.
Agafonova, T. N. - Morphology of tourmalines of the Borshchovochnyy ridge. p. 59.
Chernyshev, B. I. - Remains of arthropoda and their preservation. p. 69.
Chernyshev, B. I. - Underwater slipping in the stratum of the $C_5^1$ formation in the Donets Basin. p. 77.
Kliushnikov, M. N. - Position of the so-called Mandrikovka strata. p. 83.
Kliushnikov, M. N. - Paleocene deposits in the Dniester Valley. p. 99.
Slenzak, I. E. - Technical and geological building conditions of sites situated close to sliding slopes. p. 107.
IUn'kov, A. A., Fedorova, N. A. - Determining the location and dimensions of some parabolic bodies by measurements of the Z component of the magnetic field. p. 123.
Bellavskii, A. IA. - Conditions for the formation and balance of underground water in terraced sands in the southern part of the Ukrainian S. S. R. p. 131.
Kartov, N. N. - Imprint of a miocene willow leaf from Poltava sandstones in Dnepropetrovsk. p. 139.
Rudenko, F. A. - New data on water-bearing crystalline rocks in the central part of the Ukrainian crystalline massif. p. 145.
Rudenko, F. A. - Water supply for industrial enterprises of the Aleksandriya brown coal deposit. p. 149.
In memory of I. E. Slenzak. p. 153.

Vol. 11, no. 7, 1952. Matematychnyi zbirnyk [Mathematical review], no. 6. [In Ukrainian and Russian]
Table of contents translated:
D'iachenko, V. E., Koval', P. I. - Solution of the partial differential equation of the second order and elliptic type by means of the nonuniform method of meshes. p. 5.
Shilov, G. I. - Rings of functions on an $n$-dimensional torus. p. 17.
Latysheva, K. IA. - Normal solutions for linear differential equations. p. 25.
Latysheva, K. IA. - Connection between the special and partial integrals of partial equations of the first order. p. 47.
Gikhman, I. I. - Improvement of the law of large numbers. p. 59.
Hudymenko, F. S. - Generalization of the Rayleigh-Krylov formula and of the method of "constant coefficients" and their combined application to approximate computations of eigenvalues. p. 67.
Rutyts'kyi, IA. B. - Certain properties of orbitals in a generalized dynamic system. p. 75.
Zmorovych, V. A. - Certain problems in the theory of univalent functions. p. 83.
Fil'chakov, P. - IPM the electrointegrator for natural modeling. p. 95.
Fradlin, B. N. - Singular trajectories infinitely removed in the generalized theory of two bodies. p. 105.
Gratsianskaia, L. N. - Aleksandr Nikolaevich Stranoliubskii, 1839-1903. p. 111.
Shtokalo, I. Z. - Mykola Mykolaiovych Boholiubov. p. 117.

Vol. 12, no. 3, 1953. Trudy Zoologichnoho Muzeiu [Transactions of the Zoological Museum], no. 3. [In Ukrainian and Russian.]
Table of contents translated:
Kornieiev, O. P. - Fossil fauna in alluvial sands of the Central Dnieper Valley (mammals). p. 5.
Voinstvenskii, M. A. - Birds in rushy floodlands of the

B Ia

Danube Delta. p. 49.

Marisova, I.V. - Importance of the great spotted woodpecker (Dryobates major L.) to forestry. p. 73.

Smogorzhevskii, L. A. - Some data on the nourishment of black (Melanocoryha yeltoniensis Forster, 1767) and crested (Eremophila alpestris L., 1758) larks. p. 87.

Pashchenko, IU.I. - Data on the amphibia and reptiles of northern European Russia. p. 91.

Smogorzhevskii, L. A. - Distribution of the Crimean lizard (Lagerta taurica Pallas, 1813) in the Ukraine. p. 95.

Diatlova, T.I. - Ectoparasites of chiroptera in the Ukraine. p. 97.

Babenko, L. A. - Biology of Coronella austriaca Laur. in the Ukraine. p. 99.

Savchenko, E.N. - Three new species of crane flies (Diptera, Tipulidae) in Soviet Central Asia. p. 101.

Vol. 12, no. 4, 1953. Trudy Geologicheskogo fakulteta [Works of the Geological Faculty], no. 4.
Table of contents translated:

Latysh, V.T. - Tokovskaya granite intrusion. p. 5.

Kliushnikov, M.N. - Lower Tertiary formations on the northern edge of the Donets Ridge. p. 15.

Einor, O.L. - Geological explorations in the Southern Ural Mountains. p. 37.

Bezuglyi, A.M. - Coastal changes on Lenin Lake and prospects for coastal changes on Kakhovka Reservoir. p. 49.

Rudenko, F.A. - Hydrogeology of Ukrainian Polesye to the right of the Dnieper. p. 59.

Rudenko, F.A. - Prospects for the utilization of underground water for water supply and irrigation in some districts of Kirovograd Province, Ukrainian S.S.R. p. 75.

Golovtsyn, V.N. - Possibilities of electric prospecting for the solution of some hydrogeological problems in Karst regions of the Kakhovka Hydraulic Construction. p. 83.

Galushko, P.IA. - Role of vertical and horizontal movements in tectonic development according to gravimetric data. p. 87.

Galushko, P.IA. - Physical nature of the gravitational field in the Pamirs and Tien Shan. p. 93.

Agafonova, T.N. - M.V. Lomonosov and concepts of modern crystallochemistry. p. 97.

Vol. 12, no. 7, 1953. Trudy Biologo-pochvennogo fakul'teta [Transactions of the Department of Soil Biology], no. 9.
Table of contents translated:

Emchenko, A.I., Bogach, P.G. - Development of Pavlov physiology at Kiev university in the light of the decisions of the seventh session of the scientific council on problems of I.P. Pavlov's physiological theories. p. 5.

Vlasiuk, P.A., Dobrotvorskaia, K.M., Gribanov, V.M. - Distribution and activity of Azotobacter in the irrigated and nonirrigated districts of the southern Ukraine. p. 13.

Rubenchik, L.I., Chernobyl'skaia, M.N., Kil'chevskaia, A.A. - Microbiological characteristics of some soils in bottom lands of the Irpen' (Ukrainian Polesye). p. 21.

Chernobyl'skaia, M.N., Rus'ko, A.N., Verbskaia, A.IA. - Effect of ash elements on the development of acetone-butyl bacteria. p. 27.

Protsenko, D.F., Bogomaz, E.I. - Effect of various conditions of soil moisture and mineral nutrition on the growth of seedlings of red and durmast oaks. p. 37.

...K. - Physiological characteristics of ...17 winter wheat following various times

...f enriched granules

...l characteristics of ...n period. p. 71.

...pects in the acclima... Report no. 1, p. 77.

...es in broad-leaved ...93.

...the mycoflora in the ...t-steppe region.

...of the flagella theory

...a in Rybnoye Lake and ...noye Lake in the ... p. 127.

...t of some antibiotics ... p. 153.

...on phosphorus metabo...

...ials on trematodes in ...al Dnieper Valley.

...and distribution of the ...us L.) in the Ukraine.

...vich Movchan; on his

...P. - In memory of ...levskii. p. 213.

Vol. 13, no. 3, 1954. Zbirnyk Geografichnoho fakul'tetu [Papers of the Geographical Faculty], no. 3. [In Ukrainian.]
Table of contents translated:

Piarlii, K.P. - Socialist distribution of productive forces in the U.S.S.R.; place of the Ukraine in the national economy of the Soviet Union. p. 5.

Machykhin, F.M. - Internal economic characteristics of Khmel'nitskiy Province. p. 43.

Nezdiurov, D.P., Polovko, I.K., Shcherban', M.I. - History of studying the climate of the Ukraine. p. 75.

Hlibko, M.I. - Basic problems in the development of socialist agriculture in the Ukrainian Polesye. p. 91.

Zolovs'kyi, A.P. - Problems in drawing up provincial and district economic maps of collective farms. p. 105.

Khyliuk, M.O. - Agricultural districts in Kirovograd Province, Ukraintan S.S.R. p. 117.

Sidlets'kyi, I.D., Anan'iev, V.P. - Mineralogical composition and origin of loess. p. 151.

Hrubrin, IU.L. - Historical outline of geological and geomorphological studies in the Styr' Valley. p. 173.

Pavlova, V.P. - Geographical data about the Ukrainian territory in "The book of the great chart." p. 197.

Zamorii, P.K., Didkovs'kyi, V.IA. - Geomorphology of the Uzh Valley (right bank tributary of the Pripet). p. 195.

Mykhailovs'kyi, P.I. - Errors in conditions of the fifth test of the H.IU. Stodolkevych alidade altimeter. p. 207.

Mykhailovs'kyi, P.I. - Errors in the interpretation of geometrical conditions of alidades. p. 217.

Vol. 13, no. 4, 1954. Zbirnyk Geologichnoho fakul'tetu [Paper of the Geological Faculty], no. 5. [In Ukrainian.]
Table of contents translated:

Kliushnikov, M.M. - Lower Tertiary formations on the western edge of the Donets Ridge. p. 5.

IArtseva, M.V. - Stratigraphy of shallow Paleocene depositions based on nummulite fauna in the Ukraine. p. 21.

Kudelia, A.D. - Geological practice training in the Donets Basin. p. 39.

Sidlets'kyi, I.D., Larionov, A.K. - Effect of the composition of colloidal minerals on the hydrophysical properties of cohesive soils. p. 55.

Vdovenko, M.V. - New varieties of Foraminifera in lower Visean formations in the Donets Basin. p. 63.

Einor, O. - Historical periods in the study of the geological structure of the U.S.S.R. p. 77.

Belevtsev, IA.M. - Comparative evaluation of pre-Cambrian iron ore formations in the U.S.S.R. p. 89.

Serhelev, O.D. - From materials of facial observations. p. 107.

Usenko, T.S., Bernads'ka, L.H., Makukhina, H.O. - Hercynian effusive rocks in the southern part of the Donets Basin. p. 125.

Burkser, E.S., Fedorova, N.E. - Role of the chemical composition of atmospheric precipitation on the formation of natural water. p. 155.

Holovtsyn, V.M. - Selection of parameters for interpreting curves of vertical electrical sounding. p. 161.

Rudenko, F.A., Latysh, V.T. - Gabbro-norite rocks at Pyataya Ivanovka in Kirovograd Province. p. 175.

Hura, K.A. - Analysis of the effect of formation boundaries on the gravitational field in the Moldavian S.S.R. and adjacent provinces of the Ukrainian S.S.R. p. 183.

Vol. 13, no. 5, 1954. Sbornik iuridicheskogo fakul'teta [Collected works of the Department of Law], no. 7.
Table of contents translated:

Lisovskii, V.I. - Significance of the Pereyaslav assembly in international law. p. 5.

Tkach, A.P. - Creation of the Ukrainian state during the national liberation war of 1648-1654. p. 17.

Matveev, G.K. - Reunion of the Ukrainian people in a united Ukrainian Soviet socialist state. p. 35.

Landkof, S.N. - Legal basis for the remuneration of inventors. p. 57.

Brainin, IA.M. - Role of Soviet criminal legislation in the consolidation of a socialist base. p. 95.

Shlutin, IA.L. - Legal presumptions in Soviet civil procedure. p. 117.

Bontash, P.K. - Political views of A.N. Radishchev in the last years of his life. p. 141.

Vol. 13, no. 6, 1954. Zbirnyk biologichnoho fakul'tetu [Papers of the Biology Department], no. 11. [In Ukrainian.]
Table of contents translated:

Markevych, O.P., Bilokin', I.P. - Fraternal friendship between Russian and Ukrainian biologists. p. 5.

Protsenko, D.P. - Friendship between Russian and Ukrainian phytophysiologists. p. 13.

Mazurmovych, B.M. - Contribution of Kiev University scientists to the development of zoology in the 19th and the beginning of the 20th century. p. 27.

Sopin, IE.F. - Importance of I.P. Pavlov's teachings for the development of Russian biochemistry. p. 45.

Buhai, S.M. - Brief sketch on the development of tobacco growing in the Ukraine. p. 55.

Topacheva'kyi, O.V. - Origin and types of reproductive processes in aquatic plants. p. 65.

Movchan, V.A. - Studying the problems of interspecific relations in fishes. p. 75.

Kravets', H.K. - Basic methods and results in studying vegetative hybridization in animals. p. 93.

Khranovs'kyi, P.A. - Practice in developing methods for the homogeneous transplantation of sexual glands in domesticated water fowl. p. 111.

Polyvana, M.F. - Cladocera and copepode varieties of crustaceans in Lake Onega. p. 123.

Chornyi, S.I. - Adaptational relations between the shoulder girdle, operculum, and adjacent elements in the respiratory and feeding functions of osseous fishes. p. 147.

Iovenko, M.H. - Hydrophysical characteristics of soils in eastern districts of Polesye. p. 173.

Polishchuk, L.K. - Comparative study of some physiological and biochemical features of various types of winter wheat in Kievan Polesye. p. 197.

Sopin, IE.F., Dyl', L.K. - Methods for the determination of sulfur in tissues. p. 215.

Bilokin', I.P. - Mikhail Aleksandrovich Maksimovich; on the 150th anniversary of his birth. p. 219.

Vol. 13, no. 12, 1954. Trudy zoologichnoho muzeiu [Transactions of the Zoological Museum], no. 4.
Table of contents translated:

Voinstvenskii, M.A. - Zoogeographical division into regions of the steppe area in the European part of the U.S.S.R. p. 5.

Korneev, A.P. - The raccoon dog (Nyctereutes procyonoides) in the Ukraine. p. 13.

Kistiakovskii, A.B., Agafonova, O.IA. - Acclimatization of pheasants (Phasianus colchicus L.) in the Ukrainian S.S.R. p. 73.

Babenko, L.A. - Destruction of birds on the highways of the Ukrainian S.S.R. p. 87.

Pashchenko, IU.I. - Ecology and economic value of the sand lizard (Lagerta agilis L.) in the forest-steppe region of the Dnieper Valley. p. 93.

Ermolenko, V.M., Shmigovskii, K.A. - Ecology of some sawflies (Hymenoptera, Tenthredinidae) injurious to the Kiev parks. p. 101.

Savchenko, E.N. - New species of crane flies (Diptera, Tipulidae) in the U.S.S.R. p. 109.

Notes about fauna. p. 133.

Vol, 14, no. 1, 1955. Zbirnyk filologichnoho fakul'tetu [Collected works of the Department of Philology], no. 7. [In Ukrainian.]
Table of contents translated:

Bulakhovskii, L.A. - Aleksandr Ivanovich Belotskii. p. 7.

Sholom, F.IA. - Works of A.I. Boletskii on the history of Ukrainian literature. p. 17.

Komyshanchenko, M.P. - Mikhail Ivanovich Kalinin and some problems in literature. p. 23.

Malsai, A.I. - The Ukraine in M. Gor'kii's early works; 1892-1898. p. 37.

Zaslavskii, I.IA. - Poetry of Lermontov during the Great Patriotic War. p. 65.

Nazarovskii, A.A. - Genre of the "Tale of Igor's expedition." p. 113.

Popov, P.M. - Some theoretical problems in folk poetry. p. 145.

Malyna, M.K. - Subject of the war of liberation of 1648-1654 and the reunion of the Ukraine with Russia in Ukrainian literature. p. 199.

Illichovskii, A.F. - "International" of Eugene Pottier. p. 229.

Modestova, N.A. - Victor Hugo in the evaluation of Russian revolutionary, democratic and progressive criticism. p. 243.

Levinskaia, S.I. - Juliusz Sowacki and Russian literature. p. 273.

Vol, 14, no. 2, 1955. Zbirnyk filologichnoho fakul'tetu [Collected works of the Department of Philology], no. 8. [In Ukrainian and Russian.]
Table of contents translated:

Masal'skii, V.I. - N.G. Chernyshovskii and N.A. Dobroliubov on language and its study. p. 5.

Bulakhovskii, L.A. - Outline of eastern Slavic accents. p. 39.

Bolotskii, A.A. - International words. p. 59.

Bilodid, I.K. - Vocabulary of IU. IAnovs'kyi's novel "Horsemen." p. 81.

Sirotina, V.A. - The dialogue of satire in A.M. Gor'kii's "Russian fairy tales." p. 111.

Malyna, T.P. - Category of being in the modern Russian language. p. 137.

Kucherenko, I.K. - Adverb as the expression of indication. p. 145.

Suntsova, I.P. - Mikhailo IAkovlevych Kalynovych; obituary. p. 163.

Kalynovych, M.IA. - "Story of Alexander, the Russian gentleman" and "Tale of Peter Golden Keys." p. 177.

Vol, 14, no. 6, 1955. Zbirnyk istorychnoho fakul'tetu [Collected works of the Department of History], no. 6. Prysviachenyi 50-richchiu pershoi rosiis'koi revoliutsii [Devoted to the 50th anniversary of the first Russian revolution]. [In Ukrainian.]
Table of contents translated:

Bilan, IU.IA. - The proletariat was the leader and principal motive force of the first Russian revolution. p. 5.

Butsyk, A.K. - Peasant movements in the Kiev Government in 1906. p. 19.

Kudlai, P.D. - Peasant movements in the Chernigov Government in 1905. p. 45.

Rud'ko, M.P. - Kiev University during the revolution of 1905-1907. p. 69.

Strele'skyi V.I., IAkovlev, S.A. - Publication of documents concerning the history of the Revolution of 1905-1907 in the Ukraine. p. 95.
Grinberg, A.I. - Archive documents and materials on the influence of the first Russian revolution on Germany. p. ill.

Vol. 14, no. 7, 1955. Sbornik juridicheskogo fakul'teta. [Collected works of the Department of Law], no. 8.
Table of contents translated:
Nazarenko, E.V. - Correlation between politics and economics during the era of the dictatorship of the proletariat. p. 5.
Indychenko, P.D. - Legal regulation of organization and wages on collective farms. p. 19.
IAnchuk, V.Z. - Responsibility of machine-tractor stations for the failure to fulfill their contracts with collective farms. p. 39.
Katrych, V.M. - A.I. Hertzen's criticism of the capitalist system and the bourgeois state. p. 57.
Brainin, IA.M. - Problems of crime and punishment in A.I. Hertzen's works. p. 77.
Matyshevskii, P.S. - Role of Soviet criminal legislation in maintaining the economic base of the U.S.S.R. p. 97.
Shtutin, IA.L. - Reversal of the execution of judicial judgments in Soviet civil procedure. p. 117.
Matyshevskii, P.S. - Review of articles published in the Bulgarian law journal "Sotsialisticheskoe pravo." p. 131.

Vol. 14, no. 8, 1955.
Table of contents translated:
Davydov, A.S. - Theory of light absorption and dispersion in solutions. Pt. 2. p. 5.
Agranovich, V.M., Davydov, A.S. - Absorption and luminescence spectra of polyatomic molecules. p. 15.
Kucher, T.I., Tolpygo, K.B. - Multielectron consideration of the motion of electrons in excited crystals. p. 21.
Tomasevich, O.F. - Excited states and optical transformations in two-electroncolor centers. p. 33.
Shatalov, A.A. - Measuring the absorption spectra in dyed alkali-halide crystals at high temperatures and new data on the transformation of color centers. p. 47.
Zhmudskii, A.Z. - X-ray analysis at long distances using widely diverging beams. p. 65.
Gertsriken, S.D. - Nomogram for selecting radiations to be used in the precision measurement of cubic lattice parameters. p. 83.
Gertsriken, S.D., Bykhovskii, A. - Surface diffusion of mercury in tin and the effects of heat treatment. p. 87.
Kuz'menko, P.P. - Some peculiarities of metal alloys having iron-group base elements. p. 91.
Karat'nik, S.M. - X-ray spectrum analysis of binary and ternary alloys having transition iron group base metals. p. 105.
Gertsriken, S.D., and others. - The K-absorption edge of nickel- and cobalt-base alloys. p. 121.
Lesnik, A.G., Nekrashevich, P.I., Sirik, V. - Nitrogen diffusion in chromium and manganese steel alloys. p. 125.
Belyi, M.U., Shishlovskii, A.A. - Effect of solvents and temperatures on the light absorption of lead salt solutions. p. 127.
Kondilenko, I., Stetsenko, B.N. - Luminiscent heterochromous photometry in the ultraviolet spectrum. p. 137.
Lisitsa, M.P., Shishlovskii, A.A. - Calculation, production, and examination of polarizing plates. p. 141.
Golik, A.Z. - Molecular structure and viscosity of liquid metals and alloys. p. 159.
Roshchina, G.P. - Studying the temperature effects on light diffusion in liquids. p. 171.
Morgulis, N.D. - Theory of light interference in thin absorbing films. p. 183.
Gurtovoi, M.E. - Compensation oscillations of electronic space charge. p. 189.
Levitskii, S.M. - Oxide cathode corrosion at the expense of oxide-film dissociation on electrodes due to electron bombardment. p. 195.
Levitskii, S.M. - Atomization of electrodes and the space potential in high-frequency discharges. p. 199.
Nakhodkin, N.G. - Studying the secondary emission in some metals and semiconductors in relation to their thickness. p. 209.
Derlugin, I.A., Natanson, E.M., Kozachek, N.N. - Electron microscope examination of dispersed iron deposits on the cathode. p. 223.
Karkhanin, IU.I. - Simple demonstration of vibrations. p. 231.

KISHINEV. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records] Vol. 13, 1954. Biologicheskii [Biological].
Table of contents translated:
Chepurnov, V.S., Burnashev, M.S., Dolgii, V.N. - Materials on the fishes of the northwestern part of the Black Sea. p. 3.
Burnashev, M.S., Chepurnov, V.S., Dolgii, V.N. - Fishes and fisheries of the Dniester. p. 17.
Burnashev, M.S., Chepurnov, V.S., Dolgii, V.N. - Some data on tuna in the Black Sea. p. 41.
Vul, L.M. - Formation of so-called spontaneous movements in newborn animals. p. 45.
Kakhana, M.S. - Effect of the cerebral cortex on the regulation of the functions of the thyroid gland. p. 57.
Nika, G.A., Kakhana, M.S. - The "pessimal" character of the effect of high and low temperatures on the central nervous system. p. 69.
Andreev, I.F., Slatova, M.P. - Morphogenesis of lavaret raised in the ponds of Moldavia. p. 85.
Andreev, I.F., Gauzshtein, D.M. - Biological characteristics of wood mice of the genus Apodemus in Moldavia. p. 95.
Andreev, I.F., Gorbik, P.V. - Taxonomic characteristics of the wood mice of the Carpathian piedmont. p. 109.
Klimenko, V.G. - Nitrogen-containing substances in the seeds of leguminous hay crops. p. 117.
Klimenko, V.G. - Variation in the amount of nitrogenous substances in corn and barley grain depending on the year of harvesting. p. 131.
Klimenko, V.G., Lovshenkova, E. - Proteins in the grain of different rye varieties. p. 145.
Nikolaev, A.G. - Chemical composition of the essential oil of the wormseed Chenopodium anthelminticum L. p. 155.
Davydova, N.S. - Analysis of buckwheat pollen from the legs of bees. p. 167.
Kolesnikov, S.M. - Selectivity of fertilization in plants depending on the developmental stage of the flower. p. 175.
Nika, E.E. - Morphology of the pollen of some leguminous honey plants. p. 183.
Popushoi, I.S. - Rotting of acorns in the Moldavian S.S.R. and measures for its prevention. p. 197.
Katnev, I.A. - Diseases of ornamental plants in Kishinev and measures for their control. p. 209.
Koloshina, L.M. - Weeds as sources of infection of cultivated plants with root rot caused by the fungus Rhizoctonia Aderholdii (Runi) L. Koloschina. p. 219.
Gladkov, N.A. - Notes on the birds of Moldavia. p. 227. p. 227.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records], no. 106, 1948. Serila juridicheskikh nauk [Series in the Juridical Sciences], no. 1.
Table of contents translated:
Asknazii, S.I. - General problems of the methodology of civil law. p. 3.
Bobrov, R.L. - Recognition of the Soviet state in international law. p. 51.
Ratkiier, V.K. - Legal problems in reparations. p. 105.
Rapoport, M.IA. - Problems in international law concerning jurisdiction over the chief Japanese war criminals. p. 146.
Venediktov, A.V. - Defending the law of state socialist property. p. 173.
Dogadov, V.M. - Marxist classics on the legislative protection of labor under capitalism. p. 226.
Davidovich, IA.I. - Soviet labor law and the Great Patriotic War. p. 252.
Shargorodskii, M.D. - Interpretation of criminal law. p. 276.
Man'kovskii, B.S. - Soviet criminal law during the Patriotic War. p. 332.
Mironenko, K.N. - The Council of Ministers based on the decree of October 19, 1905. p. 348.
Dombo, L.I. - The legal nature of feudal land ownership. p. 371.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol. 11, no. 13, 1956. Serila matematiki, mekhaniki i astronomii [Series in Mathematics, Mechanics and Astronomy], no. 3.
Table of contents translated:
Petropavlovskaia, P.V. - Associative systems lattice-isomorphous to the group. Part I. p. 5.
Daluev, A.N. - S.A. Chaplygin's method. p. 27.
Chulanovskii, I.V. - An elementary proof of the distribution law of the Gaussian field prime numbers. p. 43.
Linnik, IU.V. - Markov's chains in analytical arithmetics of quaternions and matrices. p. 53.
Birman, M.Sh. - Variation methods of the solutions of boundary value problems as an analogy to the Treffiz method. p. 69.
Laga, P.G. - Normal distribution characterization based on the properties appropriate to linear statistics. p. 90.
Ginzburg, I.P. - Hydraulic impact in elastic-viscous pipes. p. 99.
Rusanov, B.V. - Slow unsteady motion of a viscous fluid in the semiplane. p. 109.
Langenbakh, A. - Approximate solution of the biharmonic equation in a trapezoidal region. p. 119.
Mel'nikov, O.A., Zhuravlev, S.S. - Spectrophotometry of faculae in active areas in 1955. p. 124.
Nikitin, A.A. - Ionization and excitation of heavy elements in solar and stellar atmospheres. p. 134.
Stovas, V.M. - Geometrical meaning of the first and second excentricities. p. 139.
Vinogradov, A.I. - Sieve-method correlations with the Rieman's $\zeta$-function. p. 142.
Eidus, D.M. - Existence of the normal derivative of Derichet's problem solution. p. 147.
Sharonov, V.V. - Conference on the physics of the moon and planets. p. 161.
Parshin, I.A. - Astronomical sub-comission proceedings of the 12th scientific research session of Leningrad University. p. 152.

Vol. 11, no. 14, 1956. Serila istorii, lazyka i literatury [Series in History, Language, and Literature], no. 3.
Table of contents translated:
Pavlitskaia, N.I. - The first Russian revolution of 1905-1907 and the rise of the revolutionary movement in Europe. p. 5.
Ezhov, V.A. - Reconstruction of the Donets coal basin during the Great Patriotic War; 1943-1945. p. 22.
Sladkovich, N.G. - Russian revolutionary and democratic press of the fifties and sixties of the 19th century on the role of the people in history. p. 37.
Ankudinova, L.E. - Social status of the first Russian Raskolniks. p. 54.
Dubrovina, Z.M. - Formation of secondary cases from postposed constructions in Baltic-Finnish languages. p. 69.
Khavin, P.IA. - Notes on stylistic standards of the pronunciation of patronymics. p. 87.
Grebenshchikov, A.IA. - War correspondence of Vsevolod Vishnevskii; June-August 1941. p. 93.
Letov, B.D. - V.G. Korolenko on the editorial board of "Severnyi Vestnik" and "Russkaia Mysl'." p. 111.
Limonov, IU.A. - History of Mangazeya and the Mangazeya sea route. p. 118.
Vinogradov, K.B. - New foreign works on the history of Austro-Hungary. p. 123.
Sokolov, N.I. - G.I. Uspenskii's collected works. p. 129.

Vol. 11, no. 15, 1956. Serila biologii [Series in Biology], no. 3.
Table of contents translated:
Shennikov, A.P. - Study of the biological heterogeneity of French rye grass populations. p. 5.
Chasovennaia, A.A., Petrova, G.F. - Soil reaction in the rhizosphere of herbaceous plants. p. 18.
Nitsenko, A.A. - Vegetation in the natural oases of western Kara Kum and its importance in planning the transformation of the desert. p. 28.
Brezhnev, I.E. - Biology of the rust fungus Puccinia Tranzscheliana Brezschnev. p. 38.
Petrov, O.V. - Sexual dimorphism of the skull in ermines (Mustela erminea L.). p. 41.
Andrushko, A.M., Markov, G.S. - Blood parasites of reptiles in the Kara Kum Desert. p. 57.
Grinfel'd, E.K. - Work of pollinators on alfalfa. p. 66.
Kolosov, N.G. - Nervous system of the human esophagus. p. 73.
Babmindra, V.P. - Changes in the intramural nervous system of the esophagus in amphibians and reptiles during hibernation. p. 91.
Pinevich, V.V. - Some problems of the foliar nutrition of plants. p. 96.
Razumovskaia, Z.G., Zhdan-Pushkina, S.M. - Characteristics of the development of sorbose bacteria as affected by the conditions of cultivation. p. 107.
Sokolova, E.V. - Mechanism and location of Sechenov's inhibition of spinal reflexes. p. 117.
Tochilov, K.S. - Formation of motor habits in the process of technical education. p. 126.
Romankova, A.G., Mattison, N.L., Sokol'skaia, A.P. - Proteolytic properties of Penicillium species. p. 136.
Nitsenko, A.A. - "Hilly peat bogs." N.I. P'iavchenko. p. 139.
Polianskii, V.I. - In memory of Academician V.L. Komarov. p. 142.

LVOV. UNIVERSYTET. Dopovidi ta povidomlennia [UNIVERSITY, Reports and Notes]. No. 5, pt. 2, 1955. [In Ukrainian and Russian.]
Table of contents translated:
Gebgardt, A.G. - Effect of spot placement of bacterial fertilizers on the increase in productivity of agricultural crops. p. 3.
Bukhalo, M.A. - Aquatic and swamp vegetation of the lakes of Zabolot'ye District, Volyn' Province. p. 4.
Bukhalo, M.A. - Plant associations of Pesochnoye and Domashneye Lakes in Zabolot'ye District in Volhynia. p. 7.
Shishova, E.I. - Swamp and meadow vegetation of Zabolot'ye District, Volyn' Province. p. 10.
Shishova, E.I. - Characteristics of natural forage lands of Kovel' District, Volyn' Province. p. 12.
Zakhvatkin, V.A. - Parasitic fauna of fishes of Zabolot'ye District lakes (Tur, Domashneye, and Pesochnoye), Volyn' Province (Polesye). p. 15.
Palii, M.A. - Parasites of fishes seldom found in the Ukrainian S.S.R. p. 17.
Palii, M.A. - Parasitic fauna of fishes on the Zalozhtsy Fish Farm. p. 19.
Palamarchuk, A.S. - Selecting highly productive clover seeds of the spring type from seeds giving winter-hardy descendants. p. 20.
Grebinskii, S.O., and others. - Biology of kok-saghyz in wide strip plantations. p. 23.
Rezvoi, P.D. - Hydrobiological characteristics of Tur, Bol'shoye, and Pesochnoye Lakes. p. 27.
Tynnyi, N.V. - Selection of silkworm races most suitable for raising in Lvov Province. p. 28.
Medianik, I.A. - Effect of the higher segments of the central nervous system on the secretion of bile in dogs of various ages. p. 31.
Medianik, I.A. - Neural regulation of the bile-producing function of the liver in ontogenesis. p. 33.
Medianik, I.A. - Effect of vegetative poisons on the secretion of bile during the post-embryonal period of the organism. p. 36.
TSys', P.N. - Geomorphological division of Soviet Carpathia. p. 40.
TSys', P.N. - Some problems in the origin of the relief of western Volyn-Podolia. p. 42.
Vashchenko, A.T. - Dividing the territory of the Soviet Carpathians into natural history regions. p. 44.

B la

Vashchenko, A.T. - Reclamation of new lands in western provinces of the Ukrainian S.S.R. is an important resource for the development of agriculture. p.46.
Svarychevs'kyi, I.I. - Present state and prospects for the development of stockbreeding in Drogobych Province. p.49.
Skvarchevskaia, L.V. - Some features of terraces of the Stryy and Opor Valleys. p.52.
Lutskii, S.L. - The objective laws of geography as a science. p.53.
Lutskii, S.L. - The sandy lands of the Goryn' and lower Sluch' watershed. p.55.
Kurilov, P.S. - Forms of the deposition of snow in central Carpatho-Ukraine. p.56.
Kurilov, P.S. - Torrential floods in the Prut River basin. p.58.
Koinov, M.M. - The concept of "Chernogora" as a physicogeographical region. p.60.
Gerenchuk, K.I. - Typological classification of the Carpathian piedmont relief. p.63.
Zil'ber, G.A. - Plan for dividing Lvov Province into natural history regions. p.65.
Glauberman, A.E. - Microscopic theory of the dielectrical properties of barium titanate. p.69.
Glauberman, A.E. - Polarization of the ionic shift in complex ionic crystals. p.71.
Alematkin, F.M. - Effect of impurities on the piezoeffect of the crystal of ammonium dehydrophosphate. p.73.
Klimovskaia, L.K., Kravchenko-Berezhnoi, R.A. - Investigating emission spectra of molecules with the aid of electrodeless discharges. p.76.
Klimovskaia, L.K., Turkevich, V.V. - Absorption spectra produced by copper ions. p.77.
Klimovskaia, L.K., Shmaevskii, V.E. - Investigation of chemiluminescence. p.78.
Karabut, Z.H., Sen'kiv, M.T. - Specific nucleon energy. p.79.
Tymoshyk, M.M.- Intensity of the adsorption-interference evaporation of ionized salts. p.80.
TSvetkov, V.P. - X-ray study of the structure of liquid tin. p.82.
Haida, R.P. - Radiation scattering of pions on nucleons. p.84.
Savel'eva, L.A., TSvetkov, V.P. - Kinetics of the formation of cuprous oxides. p.85.
Pizio, A.S. - Piezoelectric indicator of slow-changing pressure. p.87.
Ponomarenko, A.A., and others. - Chemiluminescence method for investigating the mixing and flow of fluids. p.88.
Rogachenko, V.F. - Fundamental stages in the development of geometric constructions in the Lobachevskii plane. p.90.
Kovan'ko, A.S. - Applicability of the Fischer-Riesz theorem to almost periodic Weyl functions. p.93.
Kostovskii, A.N. - Expressing by a double integral the area of a surface given in polar coordinates. p.94.
Lisevych, L.M. - The almost periodic solution of partial linear differential equations of the second order. p.95.
Pesin, I.N. - The length of an always discontinuous set of points. p.97.

LVOV. UNIVERSYTET. Naukovi zapysky [UNIVERSITY. Scientific Records]. Vol.19, 1951. Literaturno-krytychnyi zbirnyk [Collection of literary criticism], no.1. [In Ukrainian.]
Table of contents translated:
From the editor. p.5.
Pachovs'kyi, T.I. - Notes on the poetic works of Hryhorii Skovoroda. p.6.
Vozniak, M.S. - First published works of Lesia Ukrainka. p.20.
Vozniak, M.S. - Deliberately mutilated drama of

re in

'era-

L'vov.

a poem.

Vol. 25, 1953. Serila istorychna [Historical Series], no. 5. [In Ukrainian and Russian.]
Table of contents translated:
Zashkil'niak, A.S. - Organization of the foundations of the Communist Party. p.5.
Osechyns'kyi, V.K. - Influence of the revolutionary movement at the end of the 19th and the beginning of the 20th centuries in Russia on the revolutionary liberation struggle of Galician workers. p.27.
TSybko, O.H. - American imperialists were the organizers and inspirers of the occupation of the western Ukraine by Polish landowners. p.47.
Hliadkovskaia, A.I. - Struggle of the workers in the southern Ukraine against English-French-American intervention. p.55.
Herbil's'kyi, H.IU. - Ukrainian Cossack regiments and Ukrainian militia in the battles of the Patriotic War of 1812. p.90.
Lebovych, M.F. - Hungary on the threshold of the bourgeois-democratic revolution in 1918 and the proclamation of the Republic. p.112.
Pokhylevych, D.L. - Changes in the legal status of the peasantry in the Great Duchy of Lithuania in the 16th century. p.147.
Veitskivs'kyi, I.I. - The first year of the Pyrrhic war. p.177.
Lozyns'kyi, A.A. - Paris on the threshold of the people's uprising of May 12, 1588. p.192.

Vol. 26, 1954. Serila biologichna [Biological Series], no. 7. [In Ukrainian and Russian.]
Table of contents translated:
Medianik, I.A. - Nervous regulation of the antitoxic function of liver at different age periods. p.5.
Medianik, I.A., Starostiuk, A.K. - Effect of dibazole on conditional reflexes in dogs. p.18.
Medianik, I.A., Starostiuk, A.K. - Effect of ephobyspasmin on conditional reflexes in dogs. p.40.
Zakhvatkin, V.A. - Improvement of pisciculture. p.58.
Palii, M.A. - Parasite fauna in fishes in the Berezhany fish ponds and measures for its control. p.64.
Tynnyi, N.V. - Conditions for the development of silkworms in Lvov Province. p.80.
Shishova, IE.I. - Forest groups in Lvov District and the conditions for their restoration. p.84.
Shcherbina, A.A. - Results of the acclimatization of ornamental trees and shrubs in the city of Lvov and its vicinity. p.105.
Medianik, I.A. - Age peculiarities in the synthesis of hippuric acid. p.113.

Vol. 27, 1954. Serila iurydychna [Legal Series], no. 2. [In Ukrainian and Russian.]
Table of contents translated:
Nedbailo, P.E. - Soviet socialist legality, its basic principles and tasks. p.5.
Petrova's'kyi, M.I. - Decisions of the plenary session of the Central Committee of the Communist Party of the Soviet Union of September, 1953 reflecting the requirements of the objective economic laws of socialism. p.23.
Pakhomov, I.N. - Legality in the acts of Soviet Governmental offices. p.33.
IAstrubetskii, S.D. - Limits of the power of attorney in Soviet civil procedure. p.98.
Fainshtein, A.A. - Some moot problems in Soviet inheritance law. p.103.
Bek, V.A. - Documents in Soviet civil law. p.112.
Vovchik, A.F. - Establishment of factory inspection in Russia. p.115.
Brodskii, R.M. - Tragedy of Russian immigrants in Hawaii (1909-1912). p.129.
Kalynovych, V.I. - From bourgeois democracy to fascist dictatorship in Poland. p.146.
Gofman, S.M. - Remarks on Docent IA.M. Brainin's lectures on Soviet criminal law. p.162.
Kalynovych, V.I. - Professor Dąbkowski, an outstanding legal historian. p.166.
Fedoniuk, K.E. - Permanent committees of the people's soviets in the People's Republic of Poland. p.42.
Mikhailenko, P.P. - Definition of the theft of state and communal property. p.86.
Gofman, S.M. - Receiving stolen goods in cases of theft of state and communal property and article 72 of the penal code of the Ukrainian S.S.R. p.83.
Krivitskii, S.G. - Confession of guilt in Soviet criminal procedure. p.89.
Tyrichev, I.V. - Procedural status and functions of Soviet public prosecutors at the indictment stage. p.79.
ndarenko, P.S. - Presentation of the case before ie court by Soviet lawyers in criminal procedure. ,89.

, 1954. Geografichnyi zbirnyk [Geographical ection], no. 2. [In Russian and Ukrainian.]
'able of contents translated:
hchenko, A.T., Lutskii, S.L. - Soviet Ukraine n the fraternal family of the peoples of the U.S.S.R. '.5.
amarchuk, M.M. - Distribution of sugar beet cultivation in the western provinces of the Ukrainian S.S.R. p.24.
TSya', P.N. - Basic results and further tasks in the geomorphologic study of the Soviet Carpathians. p.37.
Koinov, M.M. - Physico-geographical division of Stanislav Province into regions. p.60.
Zil'ber, G.A. - Characteristics of the Opol'ye natural-historical region in Lvov Province. p.84.
Andrianov, M.S. - Agro-climatic study of Lvov Province. p.96.
Svatenko, I.D. - Geomorphology of the Azov Sea coastal plains. p.102.
Svarycheva's'kyi, I.I. - Economic and cultural relations of the western Ukraine with Russia in the 17th century. p.111.
Lutskii, S.L. - Revival and the development of the small nations in the Far North. p.117.
TSya', P.N. - Geomorphology of the Upper and Lower Sinevodnenskaya depression. p.122.
Lutskii, S.L. - Sands in Rovno Province. p.125.
Georgii Petrovich Alfer'ov; obituary. p.127.
Stepanida Omelianivna Pashkevych; obituary. p.129.
Aleksandr Sergeevich Barkov; obituary. p.131.
Review of the scientific sessions of the Department of Geography of the Lvov State University and the Lvov branch of the Geographical Society of the U.S.S.R. (1946-1953). p.133.

Vol. 30, 1955. Fakul'tet inozemnykh mov [Department of Foreign Languages], no. 1. [In Ukrainian and Russian.]
Table of contents translated:
Rudnyts'kyi, M.I. - For the full-blooded Shakespeare. p.5.
Zadorozhnyi, B.M. - History of the Gothic verb "wisan" (to be). p.20.
Chicherin, A.V. - In what respects was Balzac an innovator as a novelist? p.37.
Ripets'ka, O.F. - Slavic toponyms in the German language of the 12th-18th centuries between the Oder and the Vistula. p.42.
Timofeeva, O.V. - "Power of darkness" by L. Tolstoi, on the Paris stage. p.53.
Shvartsman, E. - From George Sand's social and political writings in the 1840's. p.66.
Dombrova's'kyi, O.A. - Franko as an interpreter and translator of Dante's "Vita Nuova." p.76.
Obukhovskaia, I.I. - Place of descriptive adjectives in the modern French language. p.92.

Vol.34, 1955. Serila khimichna [Chemical Series], no.1. [In Ukrainian.]
Table of contents translated:
Brahinets', A.S. - M.V. Lomonosov, the leading figure of Russian science in the 18th century. p.5.
IUrzhenko, T.S., IUrzhenko, A.I. - Effect of non-electrolytes (alcohols) on the rate of styrene polymerization in emulsion and on the dispersion of styrene latexes. p.15.
Polonskii, T.M. - Distribution of ions between solutions and solid state. p.25.
IUrzhenko, A.I., Martyniuk-Lototskii, IU.E. - Investigation of the elastic-viscous properties of synthetic rubber solutions. p.30.
Kuchar, R.V., Ivanova, N.IA., TSimbalistaia, L.I. - Effect of conjugate solubility of sudan III on the quantity of Nekal micelles. p.30.
IUrzhenko, A.I., Enal'ev, V.D. - Study of the distribution of hydrogen peroxide in isopropylbenzene - water between the styrene and water phase. p.46.
Iliadysheva's'kyi, IE.I., Cherkashin, E.E. - Mutual solubility of the NiSb and $Ni_3Sn$ nickel-arsenide alloys. p.51.
Soboleva, O.S. - Solubility isotherm analysis of the $NiSO_4$-$CoSO_4$-$H_2O$ ($20^0$) system for comparing the characteristics of equilibrium study techniques. p.60.
Iliadysheva's'kyi, IE.I., Kryp'iakevych, P.I. - X-ray structural analysis of copper-magnesium-zinc systems in the range of the $MgCu_2$-$MgZn_2$ dividing line. p.64.
Derkach, F.A., Kolisnychenko, IU.M., Kul'byk, O.H. - Limits of chemical stability in magnesium-cadmium alloys. p.72.
Kryp'iakevych, P.I. - Connection between the amount, volume, and stability of intermetallic phases. p.79.
Tesliuk, M.IU., Iliadysheva's'kyi, IE.I. - Solubility of tin in the $MgCu_2$ intermetallic phase. p.84.
Cherkashin, E.E., Prib, O.A. - Determination of molecular weights of associated substances in solutions. p.91.
Kryp'iakevych, P.I., Iliadysheva's'kyi, IE.I., Zarechniuk, O.O. - Ternary metallic alloys in the systems: Co-Mn-Sn and Ni-Mn-Sn. p.96.
Morgun, G.E., Malinovskii, M.S. - Condensation of ethylene oxide with aniline over lead oxide. p.110.
Zolotukhin, V.K. - Acidimetric determination of beryllium using sodium salicylates. p.116.
Golovatyi, R.N. - Separation of metals by the ion exchange chromatographic methods. p.118.
Molotkova, A.S., Zolotukhin, V.K. - Acid-alkalimetric determination of zirconium and titanium. p.125.
Komlev, O.Y., Halanets', Z.H. - Studying the precipitate obtained from cadmium chloride in the presence of Seignette's salt and lye. p.134.
Zolotukhin, V.K. - Determination of free acid in thorium salts. p.138.
Komlev, O.Y. - Separation of oxygen by the polarographic action of saturated hydrocarbon. p.141.

of Korea by the great Soviet Army on August 15. p.1.
Telegram from the Central Committee of the United Trade Unions of Korea to the Congress of Egyptian Trade Unions. p.1.
Telegram of the chairman of the League of Red Cross Societies in reply to the chairman of the Red Cross Society of the Korean People's Democratic Republic concerning the sending of gifts to flood victims in South Korea. p.2.
Mongolian cultural delegation in Korea. p.2.
Concerts of Soviet artists in Korea. p.3.
Arrival of a group of Czechoslovak artists in Korea. p.3.
Welcoming the national holiday. p.4.
Building a tractor repair plant. p.5.
All-Korean art festival of youth and students. p.5.
Population of South Korea in the grip of poverty and disenfranchisement. p.6.
Brief news. p.7.

Vol. 4, no. 33(123), Aug. 1956.
Table of contents translated:
Celebration of the 11th anniversary of the liberation of Korea by the great Soviet Army from the yoke of Japanese imperialism:
Telegram to the Central Committee of the Communist Party of the Soviet Union. p.1.
Telegram to the leaders of the government of the U.S.S.R. p.1.
Laying wreaths at the monument of liberation in Pyongyang. p.2.
Solemn conference of Pyongyang workers devoted to the 11th anniversary of the Liberation of Korea. p.2.
Military parade and workers' demonstration in the central square of Pyongyang. p.3.
Festive reception at Marshal Kim Il-sŏng's, chairman of the cabinet of ministers of the Korean People's Democratic Republic. p.4.
Festive Pyongyang. p.5.
Resolution of the cabinet of ministers of the Korean People's Democratic Republic on the increase in wages of workers, specialists and employees. p.6.
Resolution of the cabinet of ministers of the Korean People's Democratic Republic on the lowering of state retail prices on consumers' goods. p.6.
Industry of the Korean People's Democratic Republic fulfilled the three-year plan ahead of time. p.6.
Industrial and agricultural exhibition devoted to the 11th anniversary of the liberation of Korea. p.7.
All-Korean sports festival of youth and students in honor of the 11th anniversary of the liberation of Korea. p.7.
South Korea today. p.8.
Brief news. p.3 of cover.

KROKODIL [CROCODILE]. Issued by gazeta [newspaper] "Pravda." Moscow, vol. 35, nos. 30, 32-33, Oct.-Nov. 1956.

MURZILKA [TINY TOT]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 11, Nov. 1956.

NOVAIA KOREA [NEW KOREA]. Izd-vo [Publishing House] Novaia Korea. Pyongyang, no. 3, Mar. 1956.
Table of contents translated:
Kim Chŏng-hwan. - Labor Party is the organizer and inspirer of the victories of the Korean people. p.3.
Kim Un-yon. - Source of inspiration. p.8.
Song Gun-chun. - Struggle to consolidate the successes of agricultural reform. p.10.
Boleslaw Bierut; obituary. p.14.
Cho Hak-lya. - Mission of friendship. p.16.
Kang Un-lim. - For the rights of Korean citizens in Japan. p.18.
Kim- In-sŏp. - Two girls. p.25.
Pak Sŏk-chŏn. - Birth of a new life. p.27.
Kim Chan-sik. - On the eastern summit of Yakson. p.29.
An Pyŏn-nyŏn. - Rebirth of the land. p.31.
Yi Chŏn-wŏn. - First of March movement. p.35.
From the cultural life. p.36.
Hong Ki-sŏn. - What will be the American answer? p.40.
Through Korea. p.42.

No.8, Aug. 1956.
Table of contents translated:
Eleventh anniversary of the liberation of Korea. p.3.
Yi Chŏng-ok. - Inviolable friendship and brotherly cooperation. p.6.
Visit of the delegation of the Korean People's Democratic Republic to fraternal countries. p.9.
Kim Ch'ŏn-hae. - United front is a guarantee for the victory of the Korean revolution. p.10.
Chŏn Sne-gi. - Postwar economic policy of the Korean Labor Party. p.13.
Volkov, A. In the Hŭngnam mineral fertilizer plant. p.16.
Sunkin, N. - In the Pyongyang textile plant. p.19.
Hong Gi-sŏn. - Unforgettable. p.21.
Kim Un-yŏn. - Masters of the iron mountain. p.23.
Hong Son-gu. - Collapse of Syngman Rhee's supporters. p.26.
Another demonstration against the fascist regime. p.30.
Kim Chŏng-hi. - Cities rise from ruins. p.31.
Kr'ižž, Jan. - Korean contrasts. p.34.
Help from fraternal peoples. p.37.
An Bon-nen. - Peaceful work. p.38.
Han Cha-son. - Pujŏn Plateau. p.40.
Ch'oe Si-hak. - Kim Man-jung, outstanding Korean writer. p.43.
Concerts of the Russian State Ural Folk Choir. p.45.
Week devoted to the Korean-Mongolian friendship. p.46.
Concerts of the Rumanian "Sky lark" ensemble. p.47.
Through Korea. p.48.
Sports. p.50.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 34, no. 35(1524), Aug. 1956.
Table of contents translated:
From the factory to college. p.1.
Radov, G. - Harvesting in Altai Territory. p.2.
Rudin, Vl. - In the Donets Basin. p.3.
Conference in London. p.6.
Rybak, Natan. - A bard of the truth and liberty. p.7.
Documents speak. p.8.
Franko, Ivan. - Killers; a story. Translated from the Ukrainian. p.9.
Malyshko, Andrii. - Franko in Krivorovna; excerpt from a narrative poem. Translated from the Ukrainian. p.14.
Hardy, Frank. - Stories about a faraway country; translated from the English. p.17.
Starikov, Dm. - New publications of Ivan Franko's works. p.19.
Radov, G. - Let's visit the exhibition. p.20.
Jacobs, J. - Through an American farmer's eyes (conclusion). p.22.
Dudin, M., Cherevkov, K. - Leningrad bridges. p.24.
Zinger, Maks. - The ship is drifting toward a cliff. p.25.
Letters to the editor. p.25.
Bochinin, A., and others. - Athletes celebrate their victory; photos. p.26.
IAron, G. - Summer variety performances. p.28.
Holm, Stefan. - Writer, fighter, citizen. p.29.
Troitskaia, T. - District social insurance committee in these days. p.29.
Gulin, V. - On the Isaakii cathedral cupola. p.29.
Shatrov, S. - Mama is getting better; a story. p.30.
Egorov, A. - A scientific approach; a story. p.31.
Vlasov, N. - Pearl of the taiga. p.32.
Finnish proverbs. p.32.

Vol. 34, no. 36(1525), Sep. 1956.
Table of contents translated:
Happy news from the fields. p.1.
K. E. Voroshilov in Finland. p.2.
Holm, Stefan. - Can wind be supressed? p.5.
Savelin, Z. - "White Book" exposes the judges of Karlsruhe. p.6.
Borovik, G. - A piece of life. p.6.
Zlatogorov, Mikh. - Captain's daughter. p.7.
Kochetov, Vsevolod. - Trial of two brothers; from a new novel. p.9.
Krivanchikov, Nikolai. - North wind. p.13.
Gorelov, Ivan. - Paper can't stand everything. p.14.
IAsnyi, G. - Southwest Moscow. p.16.
Italian stories. p.17.
Ancient Chinese observatory. p.20.
After guest performances. p.22.
Sheinin, L. - Needed genre. p.22.
IArovoi, Mikh. - On Golubyye lakes. p.24.
Ral't, IU. - Camp fire in the taiga. p.24.
Authors and books. p.25.
Around Melbourne. p.26.
Moskhi, Ila. - On summer pastures. p.28.
Polianovskii, Maks. - On native soil. p.29.
Ignatov, IU. - Master of bookbinding. p.29.
Shatunovskii, I. - A very nice man. p.30.
Fan' T'a Khan, the cunning peasant; a Vietnam fairy tale. p.31.
Flor, S. - Tournament of nations. p.32.

Vol. 34, no. 38(1527), Sep. 1956.
Table of contents translated:
President Sukarno in the Soviet Union. p.2.
Grigor'ev, A. - In an old Siberian town. p.4.
Abrosimov, P.V. - Palace of Soviets. p.6.
Lenin prizes. p.7.
Lemberik, I. - Their wages will increase. p.7.
A visitor from France on virgin lands. p.7.
Strigin, G. - For our Yugoslav friends. p.7.
L'vov, Mikhail. - From a new book of verse. p.8.
Kozin, Vladimir. - Monolith; a story. p.9.
Kuprevich, V. - Wax from peat. p.12.
Wolanowski, Lucjan. - "Coat and dagger" politics. p.13.
Glushchenko, I. - A Soviet scientist's mail. p.14.
Ponomarev, V. - Six hours in Istambul. p.14.
Starikov, Dm. - Mikhail Isakovskii's "Works in two volumes." p.16.
Khalt, Gr. - "On duty"; verse. I. Kalimullin. p.16.
Tel'pugov, V. - "Mari poets"; a collection of verse. p.16.
Il'chenko, G. - Maro Markarian's lyrical verse "Reflections"; translated from the Armenian. p.16.
Timonen, Antti. - Kabardian songs "In a new home"; narrative poem and verse. Alim Keshokov. p.16.
Sergeev, V. - Forests are our wealth. p.16a.
Tess, Tat'iana. - Strange autumn; a story. p.17.
Mikhailov, Z. - New type combine. p.20.
Gorin, G. - Chelyabinsk clocks. p.20.
"M-1-M" motorcycle. p.20.
Mikhalevich, Aleksandr. - Even menial work can be great. p.21.
Nabulov, V. - Nina Vinogradova's diary. p.23.
Olympic soccer. p.24.
"For our daily life." p.24.
Polevaia, IU. - Motion-picture report on a trip. p.25.
Amshinskii, M. - New circus in Rostov-on-Don. p.25.
Guests of "Ogonek." p.25.
When there are not enough policemen. p.25.
Flohr, Salo. - The twelve strongest. p.25.
TSatsko, B. - Encounter in Nice. p.26.
Khrabrovitskii, A. - Interesting painting. p.26.
Vasil'ev, Sergei. - Ringing words. p.26.
Tikhomirov, A. - Bolivian artists. p.27.
Rozina, N. - Folk singer from the Urals. p.27.
Il'icheva, Ir. - "Our new home." p.28.
Pimenov, Vl. - Writer Ivan Popov's 70th birthday. p.29.
Narin'iani, Sem. - Past one hundred. p.30.
Barabashov, N. - New phenomena on Mars. p.31.
Urazov, I. - Where words come from. p.32.
Chumak, P. - Blooming agave. p.32.

Vol. 34, no. 39(1528), Sep. 1956.
Table of contents translated:
Dubin, Mikhail. - The harvest praised; verse. p.1.
Matskevich, V.V. - The power of the virgin lands. p.2.
Irinina, I. - Combine driven by a philologist. p.2.
Riabchikov, E. - Victory on the crop front. p.4.
Borovik, G. - Eighth All-Chinese Congress of the Communist Party of China. p.6.
Serbin, A. - In the name of Khristo Botev. p.8.
Bubennov, Mikhail. - First morning; from the novel "Eagle steppe." p.9.
Zhuravlev, Vasilii. - Wide and open steppes; verse. p.12.
House made out of reed pressboard. p.13.
Fridliand, S. - From the entire country. p.13.
Lobanov, P. - The duty of scientists. p.16.
Gorbatov, B. - Under the open sky. p.20.
Grigor'ev, A. - Siberian wheat is coming. p.21.
IAshin, Aleksandr. - Verse from the Altai. p.22.
Litvinisev, I. - In spite of "recommendations." p.22.
Osipov, S. - Kustanay old-timers. p.23.
Johnston, Archie. - A country where nothing is impossible. p.24.
Simonian, N. - In Moscow and in Hannover. p.25.
Kulakovskaia, T. - Maria Casarès speaks about herself. p.25.
Soloukhin, V. - Third summer. p.26.
Lench, Leonid. - Joining in work at the height of the harvest. p.29.
Manuilov, P. - In a territory where game is abundant. p.31.
Flohr, Salo. - The struggle becomes more acute. p.31.
Anisimov, V. - Omsk "grandmother" apple tree. p.32.
Kuz'michev, F. - Generous soil. p.32.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 16, nos.19-20, Oct. 1956. [In Ukrainian.]

PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
Il'in, V.P. - What our school is going to be like. p.2.
Voronkov, K., Voronkova, L. - The giant follows a horn (conclusion). p.4.
Arsent'ev, V. - Mars is approaching the earth. p.23.
Novikova, IU. - Planned and carried out. p.27.
Ozerov, Lev. - Why does the oriole ask for rain; verse. p.33.
Pochivalov, L. - Gift from German friends. p.34.
Fedoseev, G. - Ulukitkan (conclusion). p.36.
Folk stories. p.49.
Fine impression; from the diary of young hikers. p.52.
Buzhkevich, Miroslav. - Under the earth; stories about courageous people. p.54.
Rodari, Gianni. - Journey of the blue arrow; a tale (continuation). Translated from the Italian by IU. Ermachonko. p.57.
How and why. p.66.
In the world of books. p.68.
Zverev, M. - Dangerous neighbor; a story. p.71.
Sports. p.73.
Dorokhov, A. - Be polite... p.79.
In leisure hours. p.80

No. 10, Oct. 1956.
Table of contents translated:
Sotnik, IU. - Unfortunate venture; a tale. p.2.
Shnekendorf, Z. - Voices from faraway lands. p.22.
Novikova, IU. - A talk at night; a story. p.27.
Kuzmichev, P. - On the Yenisey. p.32.
Nagibin, IU. - Bambi; a tale (to be continued). p.33.
Moralevich, IU. - Oil from stone. p.46.
Badmaev, TSyron. - The man, Such is our custom; verse. Translated from the Buryat-Mongolian by V. Martynov. p.49.
Al'tov, V. - One more inscription. p.50.

Khmelik, A. - Initiators, laborers, friends. p. 62.
Rodari, Gianni. - Journey of the sky-blue dart; a tale (continuation). Translated from the Italian by IU. Ermachenko. p. 68.
Rashidov, R. - Cloud and wind; verse. Translated from the Dargwa by IA. Kozlovskii. p. 64.
Sarnov, B. - The Horseman with the red star. p. 65.
Linnik, E. - Struggle against snails. p. 71.
Why and how. p. 72.
Fridman, L. - Be courteous. p. 74.
Sports. p. 75.
Leisure hours. p. 80.

PIONER [PIONEER]. Erivan, no. 10, Oct. 1956. [In Armenian.]

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, vol. 33, no. 3(394), Sep, 1956. [In Ukrainian.]
Table of contents translated:
Sosiura, V. - To school. p. 1.
Senchenko, I. - Two days in Zhenia's life; a story. p. 2.
Vol'per, I. - Power over the soil. p. 7.
Kopylenko, O. - Champion swimmer; a story. p. 9.
Vasyl'chenko, S. - Father-in-law; a play. p. 11.
From an artist's album. Illustrations by V.Litvynenko. p. 16.
IAkutskii, N. - Hunting stories; translated by L.Necha-eva. p. 18.
Poznans'ka, M. - The master; verse. p. 23.
Nekhoda, I. - Excerpt from the book "Tale about my friends." p. 24.
Ispirescu, P. - Salt in the meal; a fairy tale. Translated from the Rumanian by V.P'ianova. p. 25.
For the contest. p. 28.
Zeleneva's'ka, L. - Silver foxes in Svintoshin. p. 30.
Shevchuk, V. - Humor. p. 31.
Kosmatenko, A. - A pitiful frog; a fairy tale. p. 31.
Games for bright children. p. 32.
It is interesting to know. p. 32.
Chess. p. 32.

RODNYE DALI [BELOVED VISTAS]. Los Angeles, Calif., vol. 3, no. 33, Dec. 1956.

RUSSKII V AVSTRALII. THE RUSSIAN IN AUSTRALIA. Published by the Russian Central Welfare Committee. Sydney, vol. 7, nos. 10(80)-11(70), Oct.-Nov. 1956.

RUSSKOE SLOVO V KANADE [THE RUSSIAN WORD IN CANADA]. Issued by Russkoe kul'turno-prosvetitel'-noe obshchestvo v g. Toronto [Russian Culture Club in Toronto]. Toronto, vol. 8, no. 54, Nov.-Dec. 1956.

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishi-nev, nos. 1-2, Jan.-Feb. 1956; nos. 6, 11, June, Nov. 1956. [In Moldavian.]

SOGLASIE [CONCORD]. Published by Russkoe soglasie [Russian Concord]. Los Angeles, Calif., vol. 6, no. 82, Dec. 1956.

SOTSIALISTIK ŬZBEKISTON. SOTSIALISTICHESKII UZBEKISTAN [SOCIALIST UZBEKISTAN]. Tashkent, vol. 15, no. 7(175), July 1956. [Parallel texts in Uzbek and Russian.]
Table of contents translated:
Right to rest. p. 2.
Riadov, N. - Leather from cotton. p. 3.
For the good of peace and socialism. p. 5.
Ponomarev, V. - According to the five-year plan. p. 7.
Nikolaev, A. - Sportsmen of a factory. p. 8.
Glinberg, D. - On these summer days. p. 9.
Semenov, N. - Health resort at Lunacharskoye. p. 12.
Silkworm breeders. p. 14.
Bernard Shaw. p. 15.
Shagullamov, I. - Volunteers. p. 15.
Sokhatskii, V. - Mass organization of workers. p. 17.
New motion pictures. p. 18.
Brief news. p. 19.
Page of humor. p. 20.

Vol. 15, no. 8(176), Aug. 1956. [Parallel texts in Uzbek and Russian.]
Table of contents translated:
Physical education for the people. p. 2.
Kipnis, G. - Assembly work goes on in Andizhan. p. 4.
Strel'tsova, A. - Nukus prepares for the ten-day festival. p. 7.
Great exploit. p. 8.
Polinin, Dm. - Giant near Stalinabad. p. 10.
Ratsek, V. - On the shores on Issyk-Kul'. p. 12.
Guests from Iran. p. 14.
Brief news. p. 15.
Pleasant rest and creative work. p. 16.
Makogon, V. - Comrade from the newspaper. p. 16.
Festival waltz. p. 19.
Mukhitdin, Abbas. - In the waiting room. p. 20.

Vol. 15, no. 9(177), Sep. 1956. [Parallel texts in Uzbek and Russian.]
Table of contents translated:
For three million tons of cotton. p. 2.
Labor holiday. p. 5.
Kirilenko, V. - Welcoming the festival. p. 6.
Mirochnik, V. - The Russian word. p. 7.
Electric power station served by automatic control. p. 7.
Maillants, A. - Celebration of Soviet sports. p. 9.
Sedov, V. - Golodnaya Steppe retreats... p. 11.
Rakhimov, M. - At the collective farm meeting. p. 13.
Meeting of friends. p. 15.
Capital of the brotherly Tajikistan. p. 17.
Chand, Prem. - Crocodile hunting. p. 18.
Energy sources. p. 19.
Genealogy of the ball. p. 19.

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol. 10, no. 9, Sep. 1956. [In Ukrainian.]
Table of contents translated:
Important part of ideological work. p. 1.
IEmel'ianenko, H. - The Communist Party is the leading force of Soviet society. p. 3.
Rochmedin, V. - Monument to the great mason. p. 6.
Lavrynenko, L., Shramko, L. - The sixth five-year plan in a museum exposition. p. 7.
Solohub, V. - Lectures about modern technology. p. 10.
Shtan'ko, S. - Villages change their face. p. 13.
IAkymchuk, IA. - Library helps collective farm work. p. 15.
Ofitserov, V. - Interesting initiative. p. 17.
TSukerman, A., Viktorov, V. -Reception in honor of the Ilins'kyi family. p. 19.
Cultural work in Dnepropetrovsk Province; reportage. p. 20.
Halkina, H. - Implanting love of one's occupation. p. 22.
Concerts over television; a photosketch. p. 24.
Bryl', M. - Winter won't wait. p. 26.
Anikiolov, M. - Seminars need more attention. p. 28.
Bookselling; information notes. p. 29.
Pohorielov, M. - Spartakiada of the peoples of the U.S.S.R. p. 30.
Preparing for the festival; information notes. p. 32.
Hulidov, S. - Harvest on virgin lands; a song. p. 37.
Synel'nykov, L. - Too late; a play in one act. p. 38.
Ivashchenko, M. - Dances and dancing; consultation. p. 43.
Zabashta, L. - Unforgettable impressions. p. 44.
Khomenko, V. - Atheism of the people. p. 46.
New books. p. 47.
See these motion pictures. p. 47.
Leisure hours. p. 48.

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, no. 9(79), Sep. 1956.
Table of contents translated:
They set world and European records. p. 1.
Rubin, E. - Sports festival of the peoples of the U.S.S.R. p. 2.
To workers on new lands. p. 4.
Fight for the harvest. p. 5.
Sofiiskii, A., Mastiukov, V. - In the stratosphere. p. 10.
Pshenichnikova, K. - School and life. p. 13.
Raikovich, V. - A city for five years. p. 17.
Mikhailov, N. - Along the world's pathways. p. 21.
Bugaova, M. - In the People's Bulgaria. p. 26.
Pitskhelauri, G. - Longevity. p. 28.
Tsvigunova, E. - On a local train. p. 30.
For the fall season. p. 32.
From Germany to the Don. p. 34.
Higher education in the sixth five-year plan. p. 36.
Fruitful cooperation; 12th anniversary of the libera-tion of Rumania from the Fascist yoke. p. 37.
The new Korea; 11th anniversary of Korea's libera-tion by Soviet soldiers. p. 39.

No. 10(80), Oct. 1956.
Table of contents transl:
Indissoluble friendship of the people Union and Indonesia. p. 1.
Nguon Long Bang. - In the family of p. 2.
Liu Hsiao. - For further strengthen and cooperation between the peop the Soviet Union. p. 2.
Koenig, Johannes. - Seventh annive man Democratic Republic. p. 3.
Eighth Congress of the Chinese Com
Smirnov, S. - The fortress of Brest
In friendly Finland. p. 8.
On the banks of the Irtysh. p. 10.
Our motherland calls us. p. 18.
Near Lenin Hills. p. 20.
Volk, I., Zel'ma, G., Gankin, M. p. 22.
Sokolov, A. - Moscow tower. p. 23.
Whaling ship for the Antarctic. p. 2
Attention, I am shooting. p. 24.
Favorite books. p. 26.
Boletskii, Evgenii. - Subjugation of p. 26.
They received applause from the So
The first in the world. p. 32.
Kirillov, O. - Following burglars' t
Fashion contest in Warsaw. p. 36.
Members of cooperative societies m p. 39.
Foreign tourists in the U.S.S.R. p.
International industrial exhibition in
Sports. p. 40.

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, no. 16(175), Aug. 1956. [In Ukrainian.]
Table of contents translated:
Editorial: To struggle means to live; 1656-1956. p. 1.
Hradov, B. - Borislav laughs; a photosketch. p. 2.
Dei, O. - Ivan Franko in the reminiscences of his contemporaries. p. 4.
Barykin, K. - From Ukraine to Moscow. p. 6.
IEvsikov, Ivan. - The miners' sons; a sketch. p. 6.
Uhliarenko, Petro. - Craftsmen. p. 8.
Lysenko, Ostap. - Love for the people bound them to-gether; reminiscences. p. 10.
Dmytrilenko, V. - Bas-reliefs of Shevchenko and Fran-ko. p. 10.
IArema, IAkym. - On the road to realism. p. 12.
Rudnyts'kyi, Mykhailo. - Man who did not know fatigue. p. 13.
Tkachuk, M. - A university in his name. p. 14.
Shlepakov, A. - In faraway Canada. p. 17.
Hryka, Iryna. - Publication of Franko's works in Poland. p. 17.
TSiupa, Ivan. - The road to Balaton; a traveler's notes. p. 18.
Datsenko, Borys. - Immortal legacy. p. 20.
Zlodiushko, O., Maiorchyk, M. - In a collective farm stadium. p. 22.
Bakumenko, Danylo. - Town by the sea. p. 24.
Shchekin, S. - From ancient times. p. 24.
Zbanats'kyi, IUrii. - At the elusive instant of dawn; a story. p. 25.
Beran, Karel. - A princess that used to jump, or how to write a fairy tale; a fairy tale. Translated from the Czech. p. 28.
Zaruby, IUr. - Trip through Sweden; a photosketch. p. 29.
Moroz, I. - Wooden clock. p. 32.

No. 17,(176), Sep. 1956. [In Ukrainian.]
Table of contents translated:
More coal, Donets Basin miners! p. 2.
Noryns'kyi, M., Lanhman, M. - Mine without slag heaps. p. 3.
Twelve days of great sports. p. 4.
Suez Canal is Egyptian property. p. 7.
Chabanivs'kyi, Mykhailo. - In Ukrainian forests. p. 8.
Kachura, Semen. - A quarter of a century; a sketch. p. 10.
K.B. - Solar electric power station. p. 11.
Zakharchuk, P. - Drivers of steel fortresses. p. 12.
Sheremet, Mykola. - New verse. p. 13.
Nud'ha, Hryhorii. - History of songs. p. 13.
Makarov, Semen. - Fishing in stormy weather. p. 14.
Rozovyk, Ol'ha. - The graduate; a story. p. 16.
Portnov, H. - Across the seas and oceans; creative journey of the painter P.Sulymenko. p. 16 b- 16 c.
Uhliarenko, Petro. - Furniture for your room. p. 17.
Akhmatov, S. - There is the end of corn. p. 18.
Vepryns'kyi, M. - From oil, gas, and wood. p. 19.
Unique machine. p. 19.
Moroz, I. - New dredging machine. p. 19.
Mol'vo, V. - Everybody on his own. p. 20.
Makivchuk, F. - The people's humorist. p. 22.
Popova, Antonina. - City of hot springs. p. 23.
Lohvyn, H. - Sofiivka. p. 24.
Chechotkina, Ol'ha. - Java. p. 25.
Osypov, Oleksandr. - Cosmic island; science fiction sketch. p. 27.
Derech, D. - In a sculptor's atelier. p. 29.
Nosenko, Oleksa. - The key to a heart; a humorous story. p. 30.
Matuzova, Nadila. - New novel of Mitchell Wilson. T

B Ib - 2c

lated from the Vietnamese. p. 24.
Makhnovets', L. - Early painting of Shevchenko. p. 27.
Sytenko, L. - "In Kiev, at the market." p. 27.
Novyts'kyi, Oleksa. - Monument in Canada; verse. p. 27.
Hrechyna, Mykhailo. - Tourists at the Acropolis. p. 28.
Honcharenko, V. - Day and night. p. 30.
Aksel'rad, B., Bohuslavs'kyi, IA. - Chorus of children. p. 32.
Parkhomenko, V. - Sand trap. p. 32.
Barykin, K. - A hundred squares. p. 32.
Chaikovs'kyi, A. - On the waves. p. 32.

No. 19(178), Oct. 1956. [In Ukrainian.]
Table of contents translated:
Novyts'kyi, O. - Starlit nights. Music by K. Skorokhod. p. 1.
Sobko, Vadym. - Five cities in China (to be concluded). p. 2.
Khalems'kyi, N. - First pages. p. 5.
Khomenko, Ivan. - From a notebook of lyric verse. p. 7.
Barykin, K. - Precious stones. p. 7.
Lymonov, Hr. - The canal cuts through the steppe. p. 8.
Kolesnykova, Lidiia. - The sea, The well; verse. p. 9.
Lysytsia, M. P. - Can we see in the dark? p. 11.
Zarudnyi, Mykola. - On sure ground; a sketch. p. 12.
Kalenychenko, P. - Knight of the revolution ("Feliks Dzerzhinskii; diary and letters"). p. 14.
Zakharchenko, Oksana. - Literature of fraternal unity. p. 14.
Bezorud'ko, Viktor. - Olesyk; a story. p. 15.
Afanas'iev, V. - Water colors of Andrii Nimenko. p. 16.
Lymar, IUr. - Masters of the streets. p. 17.
Lysenko, O. - Bard of the Ukraine; reminiscences. p. 18.
Shpakov, A. - New illustrations of M. Deregus. p. 20.
Berezhnyi, Mykola. - My spring; verse. p. 20.
Bezymens'kyi, Lev. - New Germany. p. 22.
Syrota, Ol. - Books of our friends. p. 23.
Ethel Voynich and Shevchenko. p. 23.
Viktorov, V. - City of marble and water; a report. p. 24.
Onyshchenko, Mykola. - He lived for others; the Englishman John Howard in Russia. p. 25.
Lomazov, Leonid. - At the Chuckchee Sea; a story. p. 26.
Dashkiiev, Mykola. - The sun, oxygen, and water. p. 30.
Teeth can grow a second time. p. 32.
Excavating giant. p. 32.
Foreign humor. p. 32.

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. Published by Ukrains'ka Vydavnycha Spilka [Ukrainian Publishers, Ltd.]. London, vol. 3(9), no. 12(110), Dec. 1956. [In Ukrainian.]

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vserossiiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. (In Braille). Moscow, nos. 10-11, Oct.-Nov. 1956.

## 2. BIBLIOGRAPHY

### a) BIBLIOGRAPHY

BIBLOS; ZHURNAL BIBLIOGRAFII, KRYTYKY I RETSENZII [JOURNAL OF BIBLIOGRAPHY, CRITICISM, AND REVIEWS]. New York, vol. 2, no. 12(20), Dec. 1956. [In Ukrainian.]

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Bibliothek. Spiski novykh postuplenii Biblioteki Instituta. INSTITUTE FOR THE STUDY OF THE U.S.S.R. [Library. Accession Lists of the Institute's Library]. Munich, no. 29/30, Aug.-Sep. 1956.

KNIGI DLIA DETSKIKH I SHKOL'NYKH BIBLIOTEK; rekomendatel'nyi ukazatel' literatury. 1956 [BOOKS FOR CHILDREN'S AND SCHOOL LIBRARIES; a guide to recommended literature. 1956]. Issued by Gosudarstvennaia biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 1, 1956.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 43, 45-47, 1956.

—— Vspomogatel'nye ukazateli [Supplementary Index], Apr.-June 1956.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 45-48, 1956.

——Vspomogatel'nye ukazateli [Index], July-Sep. 1956.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 45-48, 1956.

MEZHDUNARODNAIA KNIGA. Blank dlia zalavok [Order blank]. Moscow, nos. 29-31, 1956.

MEZHDUNARODNAIA KNIGA. Knigi Izdatel'stva Akademii nauk SSSR [Books of the Publishing House of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1956.

MUNICH. RUSSKAIA BIBLIOTEKA. Bibliograficheskii biulleten' [RUSSIAN LIBRARY. Bibliographical Bulletin]. No. 6/7, Aug.-Oct. 1956

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 38-41, Nov.-Dec. 1956.

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 43, 1956.
Table of contents translated:
Moldov, I.A. - Technical knowledge is an important objective for workers in public libraries. p. 3.
Velizheva, A.B. - Bibliography of periodical publications. p. 10.
Rushevskaia, G.A. - The use of a unified classification system in the academy libraries. p. 16.
Vasilovskaia, V.A., Novikova, E.A. - Printed cards of the V.I. Lenin Library. p. 26.
Bakradze, G.I. - A textbook in bibliography is needed for higher educational institutions. p. 33.
Gumeniuk, M.P. - Ivan Franko and bibliography. p. 37.
Tomonis, S.B., Freidgeimas, P.A. - Bibliographic work in the State Library of Lithuania. p. 44.
Rabin, A.E. - Using printed cards. p. 54.
Kolindko, T.M. - An over-all classified catalog. p. 64.
Dlugach, G.V. - Catalogs as the only reference and bibliographic aids in a library. p. 75.
Beliakov, L.V., Utkin, B.T. - A single plan for bibliographic work in the German Democratic Republic. p. 81.
UNESCO activity in the field of bibliography. p. 84.
Journal of modern history abstracts. p. 85.
World bibliography of bibliography. p. 86.
Union catalog of Italian libraries. p. 87.
Brief items of information. p. 87.
Ienish, E.V. - Some defects in the journals of abstracts published by the Institute of Scientific and Technical Information. p. 92
Pasynkov, V.V. - Bibliographic manual on semiconductors. p. 99.
Shevchenko, E.P. - Geological literature of the U.S.S.R. p. 103.
Shafranovskii, K.I., Faidel', E.P. - Russian technical periodicals. p. 106.
Inglezi, R.M., Fradkina, Z.L. - The Communist Party of the Soviet Union as an organizing and guiding force in promoting culture in the U.S.S.R. p. 108.
Khanukaeva, R.IU. - Soviet Russian literature during the Patriotic War; manual for university seminars. p. 112.
Roifshtein, E.M. - New bibliographic work on A.I. Kuprin. p. 115.

SOVETSKIE KNIGI (novinki); katalog dlia zalavok [SOVIET BOOKS (New Publications); Order Catalog]. Published by Vsesoiuznoe ob"edinenie [All-Union Association] "Mezhdunarodnaia kniga." Moscow, nos. 64a, 75, 76, 77, 77a, 78, 79, 79a, 80, 81a, 82-84, 89, 1956.

SOVETSKIE NOVYE KNIGI [NEW SOVIET BOOKS]. Published by Vsesoiuznoe ob"edinenie [All-Union Association] "Mezhdunarodnaia kniga." Moscow, Sept. (1-2), Oct. (1-2), 1956.

VSESOIUZNAIA KNIZHNAIA PALATA. Bibliografiia sovetskoi bibliografii, 1955 [ALL-UNION BOOK CHAMBER. Bibliography of Soviet Bibliography, 1955]. Moscow, 1956.

### b) LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
Kolchina, Z., and others. - Improve material and technical equipment of libraries. p. 1.
Petrov, I. - Eliminate defects in the planning and construction of library buildings. p. 5.
Shabanova, V. - Let us adorn the country with gardens; survey of literature. p. 10.
In'kova, L., Fomina, E. - Bibliography as an aid to the guidance of reading. p. 14.
Davydova, V., Levina, O. - Bibliographic aids for children and youth. p. 18.
Babanov, G. - Through the eyes of the reader. p. 20.
Sokolova, N. - Young librarians. p. 25.
Alekseeva, O. - Reading newspaper material to others. p. 27.
Magidson, S. - The library and parents. p. 29.
Blinkov, I. - The moral aspect of the Soviet man. p. 32.
Abrikosova, F. - The libraries of Sweden. p. 37.
New books on library science and bibliography. p. 45.

### c) PRINTING & THE BOOK TRADE

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Glavnoe upravlenie izdatel'stv, poligraficheskoi promyshlennosti i knizhnoi torgovli Ministerstva kul'tury SSSR [Main Administration of the Publishing Houses, Printing Industry, and Book Trade of the Ministry of Culture of the U.S.S.R.]. Moscow, no. 4, July-Aug. 1956.
Table of contents translated:
Most important tasks of publishing houses and printing industry. p. 2.
Moshchuk, I.D., Serebrianyi, IA.M. - Be conscious of time, economize materials, and increase work productivity. p. 8.
Fomin, N.D. - Technical training and utilization of printing industry workers. p. 10.
Danilotskii, M.D. - In the Ukrainian scientific research institute. p. 12.
Nolganz, L.D., Koronkevich, A.I. - Drying book units in the flow of unheated air. p. 13.
Koganzon, Sh. M. - Standardization and mechanization in melting type alloys. p. 14.
Devices for controlling technical processes. p. 16.
Eidel'zon, D.E. - Improving the process of making galvanostereotypes. p. 17.
Barbol'ko, N.I., Mel'nichuk, F.I. - Illuminator for copying frames. p. 18.
Bereslavskii, A.L. - Automatic stopping device for preventing paper tearing in the web press. p. 19.
Dul'tsyn, I.A. - Mechanizing glue applying operations. p. 20.
Rybkin, I.N. - Printing book cover backs on flatbed printing presses. p. 20.
Skuratovskii, S. - Controlling combination of inks in offset printing presses. p. 21.
Chernyshev, A.N. - Main tasks of equipping the printing industry with modern machinery; on the 25th anniversary of Russian printing machinery industry. p. 21.
A review of printing literature. p. 25.
Nemirovskii, E.L. - Dry offset. p. 26.
Popov, V.V. - New book on the technology in the printing industry. p. 30.
Markus, V.A. - Book on the printing method without using galley proofs. p. 31.
New issues of printing periodicals. p. 32.

POLIGRAFICHESKOE PROIZVODSTVO ZA RUBEZHOM [THE PRINTING INDUSTRY ABROAD]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 2, 1956.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Glavnoe upravlenie izdatel'stv, poligraficheskoi promyshlennosti i knizhnoi torgovli Ministerstva kul'tury SSSR [Main Administration of Publishing Houses, Printing Industry, and Book Trade of the Ministry of Culture of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.
Table of contents translated:
Titov, S. - Some results of interrepublic conferences. p. 1.
Rybchinskii, N. - Some initiative. p. 3.
Kutuzov, I., Inikhov, S. - Technological books should be more widely advertised. p. 4.
Belkin, S. - Advertisement in the shop "Books by mail." p. 7.
Ishchenko, M. - Good information about books is important. p. 7.
I.F. - An unfairly forgotten method of advertising. p. 8.
Zil'berg, N. - Poor planning and large surplus. p. 9.
Kanel', N., Kleiner, M. - Plans should be realistic. p. 11.
Shvartser, M. - For wise planning. p. 11.
Nezgovorov, A. - Accounting should be simplified. p. 12.
Onishchenko, A. - Cooperation council of a Yeisk store. p. 12.
Liullakin, N. - Public distributors. p. 14.
Briukhanov, B. - Engineers at the counter. p. 14.
Sapko, D. - Librarians as active workers in a store. p. 16.
Blinova, V. - Meetings with readers. p. 16.
Sedov, S. - Socialist competition produces new methods. p. 17.
Interrepublic conference in Tashkent. p. 19.
Chebanov, A. - Gift corners should be organized. p. 20.
Levin, M. - Strict quality standards for accepting new editions. p. 20.
Brun, I., Karaimov, G. - A reference book for tourists should be published. p. 20.
Frolov, IA. - Without enthusiasm for their work. p. 21.
Naumenko, IU. - Are they ever going to... p. 21.
Kamenkovich, I. - Dreams and real life. p. 22.
Bogomolov, Z. - Subscriptions for sets of agricultural books should be conducted in an exemplary manner. p. 22.
They write us. p. 23.
Reviews and bibliography. p. 27.
In foreign countries. p. 28.
From the pages of the local press. p. 3 of cover.
Follow-up of published material. p. 3 of cover.
Brief news. p. 4 of cover.

No. 9, Sep. 1956.
Table of contents translated:
Libraries and the book agent. p. 1.
Krutovertsev, T., Fogel', M. - First results. p. 3.
D'iakin, D. - On the road of reorganization. p. 5.
Parfenov, K. - Is this the way to promote books in rural areas? p. 5.
Gorin, A. - Supplying collective farm libraries. p. 6.
Pchelintsova, T., Ovchinnikova, K. - Students of the 10th grade of book-trade schools should take part in bookselling. p. 7.
Khankin, B. - Improve the quality of training. p. 8.
Tishchenko, D., Gluzman, M. - Make wider use of young specialists. p. 8.
Didukh, G. - What the school gave me. p. 10.
Churchmon, A. - 'Knowledge helps one's work. p. 10.
Alzenberg, T. - Who trains book agent specialists? p. 11.
Erotskii, I. - We should master theoretical knowledge and improve practical skills. p. 11.
Valentinov, N. - Kharkov anomaly. p. 12.
Ukrainian book-trade workers speak. p. 14.
Zala, Imre. - Book distribution in Hungary. p. 15.
Ringer, Czeslaw. - Popularizing books in Poland. p. 18.
Steiner, B.E. - What we have seen and learned in the U.S.S.R. p. 20.
Publication and distribution of V.I. Lenin's works in China. p. 22.
Dolgikh, N. - Pamphlets on the forms of mass distribution of books. p. 22.
Molodchikov, A., Korotaevskii, G. - Popularizing books in Czechoslovakia. p. 23.
Kuznetsov. - Businessmen. p. 24.
Cherniakov, A. - Tricks of publishing houses. p. 24.
Kamenkovich, L. - Farces of advertising. p. 25.
Rozeda, A. - The reader wonders. p. 25.
M.Sh. - Incident with Nina Pukhova. p. 26.
They write us. p. 27.
Follow-up of published material. p. 3 of cover.
In the Ministry of Culture of the U.S.S.R. p. 3 of cover.

## 3. PHILOSOPHY & RELIGION

### a) PHILOSOPHY

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1956.
Table of contents translated:
Shishkin, A.F. - Problems in the theory of communist ethics. p. 3.
Kelle, V. Zh., Koval'zon, M.IA. - Categories in historical materialism. p. 18.
IAkhot, O.O. - The objective nature of statistical laws. p. 33.
Karachivtev, V.D. - Dimitŭr Blagoev's struggle for dialectical materialism. p. 45.
Baskin, M.P., Ivanov, M.S. - One view of the interrelation of American and Russian culture in the 19th century. p. 56.
Nádor, György. - Leonardo, philosopher of the Renaissance. p. 66.
Stolovich, L.N. - The aesthetic elements of reality. p. 73.
Liubovich, N.A. - The ideological basis of Lermontov's views on aesthetics. p. 83.
Ladygina-Kots, N.N. - Development of the forms of reflection in the process of the evolution of organisms. p. 94.
Krajewski, Władysław. - Marian Smoluchowski's struggle for scientific atomism. p. 104.
Schaff, Adam. - Mannheim's "Sociology of knowledge" and the problem of objective truth. p. 118.
Polenta, O.E. - Parliamentary democracy in the contemporary bourgeois theory of the state. p. 129.
Gassendi, Pierre. - Aristotelians deprived themselves of the freedom to philosophize in vain. p. 137.
Shvartsman, A.L. - N.G. Chernyshevskii and natural science. p. 145.
Zubov, V.P. - A Russian holographic textbook on logic from the middle of the 18th century. p. 154.
Medvedev, N.V. - Basic contradiction in the socialist means of production. p. 157.
Perlov, I.S. - A concrete approach to the problem of contradictions is indispensable. p. 164.
Shur, E.B. - The unity of opposition, diversity, and contradiction. p. 160.
Susiiaeva, E.L. - In a philosophical circle. p. 172.
Pokrovskii, S.A. - Radishchev's place in the history of Russian revolutionary thought. p. 174.
Puzikov, P.D. - Philosophical problems in biological evolution. p. 179.
Golinevich, P.N. - Overpopulation and the struggle for existence. p. 183.
Anisimov, S.F., Nikitina, F.G., Timofeev, V.D. - There should be more research in the "Uchenye zapiski." p. 193.
Meleshchenko, IU.S., Novikov, A.I. - Critical notes on articles published in "Uchenye zapiski of Ural University." p. 197.
Arab-Ogly, E.A. - Sociology and geography. p. 200.
Sul'zhenko, G.D. - Marxist work on the theory of knowledge. p. 205.
A review of journals of the people's democracies:
Shokhin, K.V. - The German Democratic Republic. p. 209.
Janoušek, I. - Czechoslovakia. p. 213.
Vinogradova, E.V., Nikogosov, E.V. - The Chinese People's Republic. p. 213.
Report on a trip to the Chinese People's Republic. p. 216.
Mikheev, V.I. - Conference in Berlin on the theory of freedom. p. 222.
Zaitseva, M.I. - The Catholic Church "supports" science. p. 226.
Nadel', S.N. - Democracy and the political power of monopolies. p. 222.
Korolev, E.E. - "Anti-Marxist misadventures." p. 230.
Ugrinovich, D.M. - The transition to socialist economic forms. p. 233.
Shorokhova, E.V. - In the Philosophy Institute of the Academy of Sciences of the U.S.S.R. p. 236.

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 2, no. 4, July-Aug. 1956.
Table of contents translated:
Skatkin, M.N. - Tasks of psychology in the field of practical science instruction. p. 3.
Fortunatov, G.A., Petrovskii, A.V. - The problem of necessities in the psychology of personality. p. 12.
Abashidze, E.K. - The concept of readiness ("ustanovka"). p. 21.
IAroshevskii, M.G. - Development of psychology into an independent branch of study. p. 34.
Rubinshtein, S.IA. - Studying the psychology of work. p. 46.
Beritov, I.S. - Human and animal orientation in space. p. 54.
Asafov, B.D., Smirnov, V.M. - Studying the dynamics of conditioned reflexes in normal sight and in blindness. p. 66.
Shvarts, L.A. - Effect of training visual recognition of the shape of objects on the absolute thresholds of sight. p. 82.
Rubtsova, T.V. - Peculiarities in the appreciation of a person's moral qualities by schoolchildren of different ages. p. 83.
Slavina, L.S. - Development of responsible fulfillment of school obligations in first-grade students. p. 95.
IAkushova, T.G. - Changeableness of temperament in children and adolescents. p. 106.
Kossov, B.B. - Peculiarities in the mastering of elementary algebraic knowledge by students with different typological correlations between the first and second signal system. p. 116.
Kol'tsova, M.M. - Comparative role of different analysors in the development of a generalizing effect of words in children. p. 120.
Lurtia, A.R. - Problems in the development of the psyche in preschool children. p. 135.
Kardashov, V.V. - List of literature on psychology published in 1955. p. 138.
Syrkina, V.E. - Factual data to support a psychology course. p. 144.
Korman, T.A. - Practical studies in the psychology of thinking. p. 153.
Rogovin, M.S. - Foreign reference literature on psychology. p. 160.
Artemov, V.A. - Fifth conference on the problems of speech perception. p. 168.
Current problems in the physiology and psychology of work and medical psychology. p. 171.
Krutetskii, V.A., El'konin, D.B. - Conference on the psychology of personality. p. 176.

### b) RELIGION

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 35, no. 11, 1956.

ORTHODOX EASTERN CHURCH, RUSSIAN, PATRIARCH. ZHURNAL MOSKOVSKOI PATRIATKHII [JOURNAL OF THE MOSCOW PATRIARCHATE]. Moscow, no. 6, June 1956.
Table of contents translated:
Easter greetings from the heads of autocephalous Orthodox churches. p. 3.
Decisions of the Holy Synod. p. 6.
Vazgen I, Patriarch-Catholicos of All the Armenians, received by Alekseii, Patriarch of Moscow and All Russia. p. 6.
Foreign visitors in the Moscow Patriachate. p. 6.
Presence of representatives of the Russian Orthodox Eastern Church at receptions in honor of foreign visitors. p. 7.
Chronicle of church life:
Prelactic activities. p. 8.
Dedication of churches. p. 8.
Dedication of bells. p. 9.
Obituaries. p. 10.
Archbishop Nikon; obituary. p. 14.
Doktusov, N. - Defense of a master's dissertation. p. 16.
Metropolitan Nikolai. - Mount of Olives. p. 18.
Metropolitan Nikolai. - Peace and friendship among peoples. p. 22.
Mitropolitan Nikolai. - At the extraordinary session of the World Peace Council in Stockholm. p. 31.
Dnoprov, R. - For the flourishing tree of life. p. 36.
IAkovlev, N. - Voice of the champions of truth. p. 39.
Metropolitan Nestor. - Joyous Easter. p. 41.
Efimov, I. - The Lord's Ascension in the works of the chanters of the Holy Church. p. 43.
Potapov, I. - Trinity Reqviem Saturday. p. 44.
Viktorov, P. - The comprehension of dogmatic truth by human consciousness. p. 46.
Ivanov, A. - Russian Orthodox Church and the Orthodox East (to be concluded). p. 55.
Vinogradov, M. - The Orthodox Church and the Anglican faith after the First World War. p. 62.
Shabatin, I. - History of the relations between the Serbian and Russian Orthodox Churches. p. 67.
Kharlamov, P. - In memory of William John Birkbeck. p. 76.

PRAVOSLAVNAIA RUS'. ORTHODOX RUSSIA. Published by Holy Trinity Russian Orthodox Monastery. Jordanville, N.Y., vol. 27, no. 22(615), Nov. 1956.

PRAVOSLAVNYI UKRAINETS'. THE ORTHODOX UKRAINIAN. Issued by Ukrains'ka Pravoslavna TSerkovna Rada [Ukrainian Autocephalous Orthodox Church in the U.S.A.]. Chicago, no. 47/48, Oct.-Nov. 1956. [In Ukrainian.]

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, N.Y., vol. 52, no. 11, Nov. 1956.

RUSSKOE STUDENCHESKOE KHRISTIANSKOE DVIZHENIE. Vestnik [RUSSIAN STUDENTS' CHRISTIAN MOVEMENT. Messenger]. Paris, no. 42, Mar. 1956.

TSERKOVNYIA VEDOMOSTI PRAVOSLAVNOI TSERKVI V GERMANII [GAZETTE OF THE ORTHODOX CHURCH IN GERMANY]. Munich, vol. 6, no. 7/8/9, July-Sep. 1956.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J., vol. 7, no. 12, Dec. 1956. [In Ukrainian.]

VECHNOE [THE ETERNAL]. Paris, no. 12(108), Dec. 1956.

## 4. HISTORY

### a) GENERAL

AKADEMIIA NAUK SSSR. Institut istorii. Uchenye zapiski po novoi i noveishei istorii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institut of History. Studies in Modern and Recent History]. Moscow, no. 2, 1956.
Table of contents translated:
Lukashev, A.V. - The beginning of Karl Marx's social and political activity. p. 5.
Mikhailov, M.I. - The Union of Communists at the beginning of the Revolution of 1848. p. 91.
Slezkin, L.IU. - The revolution of negro slaves on the island of San Domingo, Haiti in 1791-1803. p. 134.
Erofeev, N.A. - The colonial question in English political life of the 1830's and 1840's. p. 207.
Kuropiatnik, G.P. - Farmers' movement in the U.S. in the 1870's. p. 240.
Silin, A.S. - The German military mission of von der Goltz in Turkey in 1882-1896. p. 318.
Kirova, K.E. - The revolutionary movement in Italy from August, 1914 to May, 1915. p. 300.
Eremeeva, T.V. - Last stage of the Egyptian crisis of 1831-1833, and the great powers. p. 475.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Slavic Studies. Brief Reports]. Moscow, no. 18, 1956.
Table of contents translated:
Bernshtein, S.B. - Outline of the comparative grammar of Slavic languages; prospectus. p. 3.
Borodich, V.V. - Adverbs of time of the type "noshtes," "vecherta," and "noshtem," "vechor" in modern Bulgarian. p. 27.
Tolstoi, N.I. - Short and long forms of the adjective in Old Church Slavic. p. 37.
Demina, E.I. - The meaning and use of past tenses in Bulgarian literary documents from the 17th and 18th centuries. p. 46.
Posvianskaia, A.S. - Word order in Polish. p. 56.
Shaumian, S.K. - "Old Church Slavic grammar; alphabet and morphology" [in German]. N.S. Trubetskoi. p. 68.

B 4a

Dzendzelevskii, I. A. - "Numeral formations of the type 'samotrzeć' in Polish with its basis in Slavic and Indo-European" [in Polish]. P. Zwoliński. p. 79.
Kondrashov, N. A., Troepol'skaia, N. B. - Bibliography of Slovak dialectology. p. 86.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oriental Studies. Brief Reports]. Moscow, no. 19, 1956.
Table of contents translated:
Kulagina, L. M. - History of the enslavement of Iran by English capitalism. p. 3.
Ivanova, M. N. - German aggression in Iran during the First World War. p. 14.
Rozaliev, IU. N. - The national banks of Turkey. p. 28.
Tveritinova, A. S. - Agrarian policy and the agricultural situation in Turkey during 1923-1929. p. 41.
Moiseev, P. P. - Increase in taxes in Turkey during the Second World War. p. 49.
Potskhverlia, B. M. - The Turkish question in the U. S. Senate. p. 57.
Bushev, P. P. - The British military expedition to Ahwaz. p. 65.
Valuiskii, A. M. - Foreign capital in Turkey. p. 72.
Petrov, G. M. - Materials on the social and economic description of the provinces of Iran. p. 78.
Kuznetsova, N. A. - Artisan documents. p. 90.
Maliukovskii, M. V. - The periodical "al'-Manar" as a source for the study of the Mussulman reformation in Egypt. p. 94.
Kotlov, L. N. - The significance of "The great Arabic uprising" for the study of the national liberation movement in Iraq. p. 100.
In the Oriental Institute of the Academy of Sciences of the U. S. S. R. p. 105.

No. 20, 1956.
Table of contents translated:
Zaboziaeva, O. I. - Formation of the working class in Indonesia. p. 3.
Rudnev, V. S. - Role of the working class in the national liberation movement of Malaya. p. 17.
Vasil'ev, V. F. - The working class and the liberation movement in Burma before the Second World War. p. 27.
Levinson, G. I. - Peasant movement in the Philippines on the eve of the Second World War (1935-1941). p. 38.
Talmud, E. D. - Situation of the Indian workers on the plantations of Ceylon. p. 51.
Popovkina, R. A. - The domination of French monopolistic capital in the economics of Indochina on the eve of the Second World War. p. 63.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Oriental Studies. Studies]. Moscow, vol. 15, 1956. IAponskii sbornik [Japanese papers].
Table of contents translated:
Gal'perin, A. L. - Historical survey of Japan from 1640 to 1760. p. 3.
Petrov, L. V. - Manufactures in Japan. p. 48.
Podpalova, G. I. - Two petitions of the peasants in feudal Japan; from the history of the peasant movement in Japan in the second half of the 17th and the beginning of the 18th century. p. 71.
Iofan, N. A. - The peasant movement after the revolution of 1868. p. 115.
Bednisk, I. IA. - The labor and socialist movement in Japan from 1896 to 1905. p. 157.
Shipaev, V. I. - Colonial policy of the Japanese imperialists in Korea (1910-1919). p. 179.
Luk'ianova, M. I. - Forms and channels of the penetration of American capital into Japan's industry. p. 223.
Popov, V. A. - Rise of the peasant movement after the Second World War, 1945-1946. p. 273.
Grisheleva, L. D. - The democratic movement in the realm of Japanese literature and art after the Second World War. p. 305.

AKADEMIIA NAUK URSR, Kiev. Instytut istorii. Naukovi zapysky [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of History. Studies]. Kiev, vol. 8, 1956. I. IA. Franko iak istoryk [I. IA. Franko as a historian]. [In Ukrainian.]
Table of contents translated:
Kovalenko, L. A. - Historical concepts of I. IA. Franko. p. 3.
Hurzhii, I. O. - Ivan Franko as a historian of the Ukrainian peasantry. p. 34.
Shevchenko, F. P. - Ivan Franko on Polish-Ukrainian relations and on Polish history. p. 51.
Filipova, S. H. - Ivan Franko on the struggle of workers during the time of capitalism. p. 80.
Santsevich, A. V. - Ivan Franko on the reactionary role of catholicism in Slavic history. p. 97.
Verves, H. D. - Ivan Franko at the labor newspaper "Praca." p. 114.
Dunin-Wąsowicz, Krzysztof. - Ivan Franko's attitude toward the Polish peasant movement in Galicia. p. 139.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Issledovaniia i materialy. INSTITUTE FOR THE STUDY OF THE U. S. S. R. [Investigations and Materials]. Munich, ser. 2, no. 49, 1956. K issledovaniiu problem psikhologicheskoi voiny; 2-i sbornik statei [Studying problems of psychological warfare; second collection of articles]. [With summaries in English, German, and French.]
Table of contents translated:
Krylov, K. - Problems in the theory of psychological warfare. p. 3.
Kazantsev, A. - Propaganda as a weapon of political struggle and the methods of anti-Communist propaganda. p. 45.
Rzhevskii, L. - The role of the speaker in broadcasting. p. 125.

ISTORICHESKIE ZAPISKI [HISTORICAL RECORDS]. Published by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 55, 1956.
Table of contents translated:
Druzhinin, N. M. - Problems of the history of the U. S. S. R. at the Tenth International Congress of Historians at Rome. p. 3.
Murlev, D. Z. - Rout of the German Fascist Army near Moscow in 1941-1942. p. 27.
Israeltan, V. L., Popov, V. I. - The establishment of diplomatic relations between the U. S. S. R. and the U. S. A. in 1933. p. 65.
Danilov, V. P. - Social and economic relations in Soviet rural areas on the eve of collectivization. p. 89.
Zalesskii, S. A. - Ferrous metallurgy of the Urals during the First World War. p. 139.
Solov'eva, A. M. - The role of capital in the railroad construction of Russia on the eve of the First World War. p. 173.
Ivanova, O. A. - The Moscow military-technical bureau of the Russian Social Democratic Workers Party; 1906-1907. p. 210.
Shapiro, A. L. - Mediterranean problems in Russia's foreign policy at the beginning of the 19th century. p. 253.
Basharin, G. P. - Yakutia's market at the end of the 18th and during the first half of the 19th centuries. p. 289.
Golobutskii, V. A. - The movement of the Haydamaki for Zaporozhye at the time of the "kolitvshchina" and the peasant uprising led by E. I. Pugachev. p. 310.
Zimin, A. A. - History of military reforms in the 1550's. p. 344.
Portal, R. - The development of modern industry in Russia in the 18th century. p. 360.

ISTORICHESKII ARKHIV [HISTORICAL ARCHIVES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, July-Aug. 1956.
Table of contents translated:
Kovalev, P. P. - V. I. Lenin and the production of electric ploughs (1920-1922). p. 3.
Kladt, A. P. - S. M. Kirov at the battle fronts of the civil war (1919-1920). p. 30.
IAtsunskii, V. K. - Materials concerning the state of the Russian cloth industry in 1945. p. 62.
Ovchinnikov, R. V., Slobodskikh, L. N. - New documents on the peasant war of 1773-1775 in Russia. p. 127.
Nikolaev, I. N. - Locarno Conference, 1925; von Dirckxen's notes of the meetings. p. 149.
Fofanova, M. V. - V. I. Lenin's last underground period. p. 166.
Esin, V. Z. - V. I. Lenin at an electric ploughing demonstration. p. 173.
Bronshtein, V. S. - From the history of organizing committees of poor peasants in Tula Province, July-August 1918 (with A. P. Demidova's documents). p. 176.
Struchkov, A. A. - The central party archives of the Institute of Marxism-Leninism attached to the Central Committee of the Communist Party of the Soviet Union. p. 189.
Mirnyi, S. M. - Archival work in Swedon. p. 201.
Maksakov, V. V., and others. - Working out problems of archival science and subsidiary historical disciplines at the Historical Archives Institute. p. 213.
Popov, V. I., Chernikov, N. D. - The Central State Archives of the Literature and Art of the U. S. S. R. p. 229.
Pleshakov, S. T., Khodorkovskii, V. R. - The use of documentary materials of the Central State Archives of Cinema-Photo-Phonodocuments of the U. S. S. R. p. 235.
Shmin, D. V., Shekhtman, E. Z. - Methodological guidance of the work of district state archives. p. 239.
Dremina, G. A., and others. - International contacts of Soviet archivist-historians. p. 242.
Golubiatnikov, S. S., Poznanskii, V. S. - An Afghan mission in Kazakhstan. p. 249.
Skorokhodov, V. P. - New documents on Jaroslav Hašek. p. 251.
Grum-Grzhimailo, A. G. - The Decembrist A. O. Kornilovich and the archaeographer P. M. Stroev. p. 255.

Radovskii, M. I. - An autograph of Benjamin Franklin. p. 259.
Danilov, V. P., Savitskaia, R. M., Merzon, A. Ts. - "Problems of source research," vol. 4. p. 261.
Vialikov, V. I. - A new volume of M. I. Kutuzov's documents. p. 272.
Lur'e, IA. S. - Materials on the history of the U. S. S. R., vol. 2. p. 277.
Orlova, N. S., Pod"iapol'skaia, E. P. - A description of A. V. Suvorov's documents. p. 281.
On Professor V. V. Maksakov's 70th birthday. p. 284.
Tikhomirov, B. P. - At the conference of archivists of Central Asia and Kazakhstan. p. 286.
Bondarenko, Z. V. - The All-Union Conference of Archival Workers of Financial Organs. p. 288.
G. V. - Archivists and writers meet. p. 290.

PALESTINSKII SBORNIK [PALESTINE REVIEW]. Issued by Rossiiskoe palestinskoe obshchestvo [Russian Palestine Society]. Moscow, no. 2(64/65), 1956.
Table of contents translated:
Struve, V. V. - Interpretation of the Ugaritic text "Birth of the gods." p. 3.
Ernshtedt, P. V. - Semantic anthropomorphism in the lexical Egyptian loan words in Greek. p. 12.
Rubinshtein, R. I. - Foreign policy of Egypt during the hegemony of Heracleopolis (9th and 10th dynasties). p. 31.
Lundin, A. G. - History of Arabia at the beginning of the sixth century A. D. p. 42.
Bulgakov, P. G. - Arabic parallel to Chapter 24, Book 3 of the Syriac version of the "History of Alexander the Great." p. 53.
Meshcherskii, N. A. - Excerpt from the book "Josippon" in "The tale of bygone years." p. 58.
Manandian, IA. A. - "Primary history of Armenia" by Mar-Abas; the sources of Sebeos, Moses of Khoren, and Procopius of Caesarea. p. 69.
Vinnikov, I. N. - From the realm of Semitic lexicography. p. 87.
Pigulevskaia, N. V. - The history of Mar Yahb-alaha and Sauma. p. 97.
Borisov, A. IA. - The time and locale of the life of Ali ibn Sulaiman, the Karaite writer. p. 109.
Livshits, I. G. - Two unpublished letters of J. F. Champollion; from the Leningrad collections. p. 115.
Ode-Vasil'eva, K. V. - My recollections of Academician I. IU. Krachkovskii. p. 127.

SOVETSKOE VOSTOKOVEDENIE [SOVIET ORIENTAL STUDIES]. Issued by Institut vostokovedeniia Akademii nauk SSSR [Institute of Oriental Studies of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, 1956. [With English summaries in insert.]
Table of contents translated:
Shirendyb, B. - Cooperative movement in the Mongolian People's Republic. p. 3.
Kasatkin, B. F. - Solution of the national question in the Chinese People's Republic. p. 16.
Rubinshtein, M. I. - Second five-year plan of the republic of India. p. 28.
Davidson, Basil. - The struggle in South Africa. p. 45.
Lovkovskii, A. I. - Origin of British and Indian banks in colonial India and the nature of their activities. p. 57.
Reisner, I. M. - Outstanding Indian patriot and democrat Bal Gangadhar Tilak. p. 73.
Duman, L. I. - The life and work of Ssŭ-ma Ch'ien. p. 90.
Borovkov, A. K. - Question of unification of Turkic alphabets in the U. S. S. R. p. 101.
Fishman, O. L. - From the "Aphorisms" of Li Shang-yin. p. 111.
Bornshtam, A. N. - Appearance of the Kirghiz in the Tien Shan area in the 9th and 10th centuries. p. 113.
Solov'ev, O. F. - Relations between Russia and Burma in the 19th century. p. 120.
Shpirt, A. IU. - Certain changes in the economy of colonial Africa. p. 135.
Oranskii, I. M. - Preliminary information about a dialect of India discovered in Central Asia. p. 144.
Borozny, L. A., Boldyrev, A. N. - Academic research of the Department of Oriental Studies of Leningrad University in 1955. p. 152.
Abdullaev, Z. Z. - At the History and Phylosophy Institute of the Academy of Sciences of the Azerbaijan. S. S. R. p. 156.
The work of Hungarian orientalists in 1955 and research plans for 1956. p. 159.
Korostovtsev, M. A., Reder, D. G. - "World history" in ten volumes. Vol. 1. p. 163.
Glunin, V. I. - "Classes and the class struggle in the transition period." Wu Chuan-ch'i. p. 169.
Kim, G. F., Shafir, M. A. - Laws of the new life. p. 173.
Pak, M. N. - New historical journal in the Korean People's Democratic Republic. p. 178.
Razumova, R. P. - Journal of Czechoslovak orientalists "Nový Orient" (1953-1955). p. 189.
Iskanderov, P. A. - "Feudal cities of Japan." Toyoda Takeshi. p. 196.
Kubbel', L. E. - "Islamic taxation in the classic period with special reference to circumstances in Iraq" [in English]. F. Løkkegaard. p. 199.

VESTNIK DREVNEI ISTORII [REVIEW OF ANCIENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2(59), 1956.
Table of contents translated:
Improve the organization of research in the field of

ancient history. p. 3.
Kovalev, S.I. - The question of dating the beginning of the uprising of Spartacus. p. 12.
Sventsitskaia, I.S. - Some features of the economic development of western Asia Minor in the system of the Roman Empire. p. 18.
Boltunova, A.I. - The rise of a class society and the power of the state in Iberia. p. 28.
Perikhanian, A.G. - The "wostan" class in ancient Armenia. p. 44.
D'iakonov, I.M. - "Materials of the ancient East on the history of the peoples of Transcaucasia. Pt. I. Nairi-Urartu" by G.A. Melikishvili. p. 50.
ing to the texts and monuments of India" [in French] by A. Foucher. p. 128.
Asinovskaia, S. - Ancient history in the lectures of T.N. Granovskii according to archival documents. p. 135.
Maiak, I.L. - The character and role of the "Colonia Romana" in the extension of Roman power over the Apennine peninsula. p. 145.
Ernshtedt, P.V. - Egyptian elements in Greek trading stations in Egypt. p. 153.
Kudriavtsev, O.V. - The incorrect calculation of anniversaries of events occurring before Christ. p. 160.
Kabanov, S.K. - Archaeological data on the history of Nashkheb in the third-fifth centuries. p. 163.
Frei, Jiří. - "Attic sculpture from the seventh to the fifth century B.C" by M.M. Kobylina. p. 74.
Gluskina, L.M., Amusin, I.D. - "History of the ancient East," "History of ancient Greece and Rome" by V.A. Gol'denberg. p. 82.
IArkho, V.N., Kan, E.M. - Hungarian edition of the comedies of Aristophanes. p. 89.
Deopik, D.V. - Some aspects of the ancient history of Vietnam in the contemporary Vietnamese science of history. p. 95.
Lentsman, IA.A. - "Studies on the prisoner-of-war system and slavery in Greek history" [in German] by G. Micknat. p. 107.
Shtaerman, E.M. - Latin inscriptions published during 1949-1955. p. 111.
Semeka, E.S. - "Buddhist texts through the ages" [in English]; "The former lives of Buddha accord-
Oborin, V.A. - A Sassanid silver dish from the village of Shud'iakar. p. 174.
G.D. - In the Institute of History of the Academy of Sciences of the U.S.S.R. p. 178.
Seifart, Dr. - Inauguration of the Institute of Greco-Roman Antiquities of the German Academy of Sciences in Berlin. p. 181.
Shtaerman, E.M. - Selected Latin inscription on the social and economic history of the early Roman Empire. p. 185.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1956.
Table of contents translated:
Danilov, V.P. - Material and technological resources of agriculture in the U.S.S.R. on the eve of all-out collectivization. p. 3.
Kuz'min, N.F. - The history of the rout of Denikin's White Guard military forces. p. 18.
Garcia, Jose. - International brigades in Spain (1936-1938). p. 33.
Pak, M.N. - The nature of social and economic relations in the Silla Kingdom (3rd-9th century A.D.). p. 49.
Concerning the discussion on the effect of economic laws in antagonistic formations. p. 66.
Danilalov, G.D. - The mountaineers' movement under Shamil's leadership. p. 67.
Sheinin, IU.M. - Struggle for a democratic renewal of national culture in the German Democratic Republic (1945-1953). p. 73.
Oshanina, E.N. - Economy of the landowning Pazukhin family in the 17th and 18th centuries. p. 84.
Polevoi, IU.Z. - The spread of Marxism in Russia. p. 93.
Radus-Zen'kovich, V.A. - The K. Marx and F. Engels Museum. p. 109.
Al'perovich, M.S. - The activities of American diplomacy in France in 1870-1871. p. 110.
Sakharov, A.M., and others. - "Outline history of the science of history in the U.S.S.R." p. 116.
Shutoi, V.E., Chmyga, A.F. - Articles on history in the "Trudy" of Ukrainian universities and pedagogical institutes. p. 128.
Marushin, B.I., IAkovlev, N.N. - American historians of the "new school" on the participation of the U.S. in the Second World War. p. 142.
Berkhin, I.B. - "The U.S.S.R. during the reconstruction of the natural economy (1921-1925). Historical studies." p. 150.
Rybakov, M.V. - "From the history of foreign military intervention and civil war in Tartaria (1918-1920)" by M.K. Mukhariamov. p. 157.
Bondarevskii, G.L. - "Outline history of the study of Islam in the U.S.S.R." by N.A. Smirnov. p. 160.
Cherniak, A.IA. - "Life and work of the Cherepanovs, a Russian family of inventors" by V.S. Virginskii. p. 163.
Averkukh, R.A. - "History of Austria," vols. I and 2 [in German] by Hugo Hantsch. p. 166.
Zastavenko, G.F. - "The silent rebellion. A report on the resistance movement of the German people, 1933-1945," 2nd ed. [in German] by G. Weisenborn. p. 170.

Borozdin, I.N., Engel'gardt, R.IU. - "From the history of progressive ideas in Russian medieval studies (T.N. Granovskii)" by S.A. Asinovskaia. p. 172.
Ovanesian, S.A. - "I speak my own piece" [in English] by E.G. Flynn. p. 176.
Sharypov, N.A. - "Karl Marx's development from a revolutionary democrat to a communist" [in German] by Georg Mende. p. 177.
Islamov, T.M. - "Selected documents on the history of the Hungarian labor movement," vol. 3 [in Hungarian]. p. 178.
Fedorov-Davydov, G.A. - "Numismatic collection," part 1. p. 180.
Preparations for the 40th anniversary of the Great October Socialist Revolution. p. 182.
Conference of readers of "Voprosy istorii" in Leningrad. p. 184.
Brief notes. p. 190.
A review of present-day works on the history of the 19th and 20th centuries. p. 192.
Kostiushko, I.I., Koroliuk, V.D., Miller, I.S. - A discussion on the galley sheets of the first volume of "The history of Poland" prepared by the History Institute of the Polish Academy of Sciences. p. 209.
Pozdeeva, L.V. - Tenth anniversary of the German Institute of Modern History. p. 213.
Concerning Comrade E. Bugaev's article. p. 215.

b) ARCHEOLOGY & ANTIQUITIES

AKADEMIIA NAUK SSSR. Institut istorii material'noi kul'tury. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History of Material Culture. Brief Summaries of Reports and Field Explorations]. Moscow, no. 64, 1956.
Table of contents translated:
Sorokin, S.S. - The dating and interpretation of the Kenkol tomb. p. 3.
Latynin, B.A. - Historical questions concerning the irrigation of ancient Fergana. p. 15.
Griaznov, M.P. - Cultures of the late Bronze Age in Siberia. p. 27.
Chernikov, S.S. - Projects of the Eastern Kazakhstan Expedition. p. 43.
Masson, V.M. - Settlements of the late Bronze Age and early Iron Age in the Murgab Delta. p. 61.
Litvinskii, B.A. - Archaeological studies in Vakhsh Valley and Isfara District (in Vorukh). p. 68.
Kuz'mina, E.E., Peyzner, S.B. - Fortifications found on the site of Kei-Kobad shakh. p. 77.
IUsupov, G.V. - Archaeological explorations in Bashkiria. p. 95.
Komarova, M.N. - Neolithic relics in the upper Ob Valley region. p. 93.
Chernov, G.A. - New archaeological discoveries in the Pechora Basin. p. 104.
Lipskii, A.N. - Archaeological excavations in Khakassia. p. 116.
Shilov, V.P. - Study of paleolithic relics in the lower Don Valley. p. 130.
Miloradovich, O.V. - New archaeological discoveries in Groznyy Province. p. 132.
Egorov, N.M. - Tomb at Eshkakon River. p. 136.
Alikhova, A.E. - Abashev, burial mounds near the village Zemskoye, Ryazan Province. p. 141.
Semenovich, N.N. - Restoration and exposition of a large felt rug from Pazyryk. p. 144.
Avgustinik, A.I. - Method of studying ancient ceramics. p. 149.
In memory of Mariia Evgen'evna Foss. p. 157.
List of published works by M.E. Foss. p. 158.
List of abbreviations. p. 162.

No. 65, 1956.
Table of contents translated:
Gorlunova, E.I. - Ethnic grouping of the inhabitants of the ancient site of Bereznyaki. p. 3.
Alikhova, A.E. - The dating of two ancient sites near the village Yukhnovo. p. 31.
IAnin, V.L. - The seal of Mstislav's charter. p. 42.
Varganov, A.D. - Eleventh and twelfth century cookstoves in Suzdal. p. 49.
Mets, N.D. - Coins of the independent princedom of Kashin. p. 55.
Shovkoplias, I.G. - Late paleolithic site at Fastov; preliminary information. p. 68.
Telegin, D.IA. - Mesolithic sites in the environs of Kiev. p. 74.
Merpert, N.IA., Smirnov, A.P. - Kuybyshev archaeological expedition of 1954. p. 77.
Anfimov, N.V. - Tombs from the Sarmatian era in Urup Valley; based on material of the 1954 expedition. p. 88.
Orlov, S.N. - A newly opened early-Slavic earthen tomb at Staraya Ladoga. p. 94.
Symonovich, E.A. - Kamenka tomb burials in the 10th-13th centuries. p. 99.
Oborin, V.A. - Relics of the Rodanovo culture in the village Tabory; discoveries of the Kama archaeological expedition. p. 107.
Dubynin A.F. - Archaeological research in Zarya'ye (Moscow). p. 119.
Symonovich, E.A. - Some types of settlements during the first centuries A.D. in the northern Black Sea region. p. 131.
Baran, V.D. - Bronze pendant from the village Cherepino. p. 136.
Sedov, V.V. - Pagan feast in ancient Novgorod. p. 138.
Orlov, S.N. - Ancient village in Staraya Ladoga. p. 142.
List of abbreviations. p. 145.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U.S.S.R.]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 50, 1956.
Ol'viia i nizhnee Pobuzh'e v antichnuiu epokhu [Olbia and the lower Bug valley in the ancient period].
Table of contents translated:
Foreword. p. 5.
Karasev, A.N. - Nineteenth century plans of Olbia as sources for the historical topography of the city. p. 9.
Levi, E.I. - The agora of Olbia. p. 35.
Knipovich, T.N. - The population of Olbia from the sixth to the first century B.C. according to epigraphic sources. p. 119.
Kaposhina, S.I. - Scythian elements in the culture of Olbia. p. 154.
Maksimova, M.I. - Clay weaving pendant with the impression of a seal. p. 190.
Rozanova, N.P. - Coins of King Pharzoios. p. 197.
Kaposhina, S.I. - History of the Greek colonization of the lower Bug valley. p. 218.
Shtitel'man, F.M. - Ancient settlements on the banks of the Bug Liman. p. 255.
List of accepted abbreviations. p. 273.
Contents of issues 31-50 of "Materialy i issledovaniia po arkheologii SSSR." p. 274.

## 5. SOCIAL SCIENCES

a) COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 15, no. 8, Aug. 1956.
Table of contents translated:
Editorial: Tasks of accounting workers of state procurement organizations. p. 1.
Odud, A. - Centralization of accounting for construction trust work sites. p. 5.
IAkovlev, A. - Certification of inventory results. p. 7.
Tukachinskii, M. - Introduce new organizational practices in Machine accounting. p. 10.
Gotovskii, M. - Use of electronic calculating machines in the mechanization of accounting. p. 16.
Shchetinin, A. - Let us regulate the certification of freight in automotive transportation. p. 23.
Goganov, K. - Accounting for toolrooms. p. 26.
Fedorets, A. - The organization of wage payments to workers and employees. p. 32.
Drozdov, N. - Simplifying records for finished warps. p. 34.
Starodubtsev, F. - Standard computations on keyboard calculating machines. p. 36.
Slipchenko, P., Kanterman, S. - Machine accounting of payments from tenants. p. 42.
Sladkov, L. - Improve records for returnable containers in canning factories. p. 46.
Accounting and reports in the construction industry. p. 48.
Accounting in railroad transportation. p. 50.
Shvedskii, A. - Collection of the turnover tax and accounting for goods sold. p. 51.
Dubrovner, M., Sadovykh, I. - Review of "Accounting in industry" by S.I. Seleznev, P.Kh. Shnelvas, M.A. Merkulov. p. 57.
All-Union conference on collective farm accounting. p. 62.
Graduation of engineer specialists in machine accounting. p. 62.

NOVOSTI TORGOVOI TEKHNIKI; prilozhenie k zhurnalu "Sovetskaia torgovlia" [NEWS OF TRADE TECHNOLOGY; supplement to the periodical "Soviet Commerce]. Issued by Gosudarstvennoe izdatel'stvo torgovoi literatury [State Publishing House of Literature on Trade]. Moscow, no. 3, 1956.
Table of contents translated:
Volkov, O., Rastiger, G. - Commercial automats for lunchrooms. p. 1.
Aizenshtein, I. - Photographic booth. p. 6.
Volosov, G. - Refrigerating machinery for self-service stores. p. 8.
Druz', V. - Use of machinery in unloading bread. p. 11.
Strogov, N. - Selling merchandise in open display. p. 15.
Vinogradskii, B. - Racks for displaying ready-made clothes. p. 21.
Bikunov, M., Davidovich, M. - Trunk for shipping merchandise. p. 23.
Kozlov, A. - Folding boxes for packing eggs. p. 24.
Degterev, G., Baltshchev, I. - Self-loading trucks. p. 26.

ja - d
Rzhavskii, I. - What's new in department store no. 28 of the Moscow Trade Organization. p. 29.
Denisov, M. - Equipment in self-service stores. p. 31.
Nechaeva, R. - Self-service in enterprises abroad. p. 34.
Paperno, S. - Dressing show windows abroad. p. 42.
Gerasimov, V. - Show windows. p. 46.

OVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, no. 7, July 1956.
Table of contents translated:
Tiukov, V. - Turnover of merchandise in the sixth five-year plan. p. 1.
Kuznetsov, A. - Eliminating defects in the pricing of local products. p. 10.
Latyshev, A. - Improving the specialized milk trade. p. 14.
Georgievskii, N., Shemiakinskii, A. - Food cooked for the home. p. 18.
Kooperator. - Broadening the ties between Soviet and British cooperatives. p. 22.
Korobkina, G. - New products for the youngest. p. 25.
Gutman, L. - New kinds of meat and milk products. p. 28.
Volosov, V. - From the international agricultural fair in Italy. p. 30.
Semenov, V. - A manual that needs to be improved. p. 36.
Fedotova, T., and others. - Readers' comments on books. p. 40.
Pyzhik, I. - Simplify the procedure for settling complaints against factories of the Perfumery Trust. p. 43.
Defense of doctoral dissertations. p. 44.
Communications from the Bureau of Inventions. p. 45.

No. 8, Aug. 1956.
Table of contents translated:
Titov, S. - Guarantee fulfillment of the retail trade plan. p. 1.
Evergetov, G., Ivanov, I. - Organizing self-service food stores. p. 7.
Semenov, V., Dozorov, A. - Improve planning and building of restaurants. p. 11.
Goncharov, P. - Progressive forms of manufactured-goods trade in Leningrad. p. 14.
Saburov, N., Mezhvinskaia, T. - Storing green vegetables. p. 18.
Zamkovskii, D., Minaeva, V. - New methods for helping customers in fashion ateliers and workshops. p. 21.
Kutuzov, I. - Central market in Kalinin. p. 25.
Kozlov, A. - New self-service store. p. 28.
Ivanchikova, M., Kokoreva, A. - Food industry products. p. 30.
Tochil'nikov, G. - Textbook on finance in Soviet commerce. p. 36.
Aid to business managers. p. 40.
Report from the Bureau of Inventions. p. 41.
Defense of a doctoral dissertation. p. 43.

TORGOVLIA ZA RUBEZHOM; Tekhniko-ekonomicheskaia informatsiia [TRADE ABROAD; Technical and Economic Information]. Issued by Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, no. 10, 1956.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 26, no. 8, Aug. 1956. [With summaries in English.]
Table of contents translated:
Kosarev, E., Muretova, K. - Economic relations of Rumania and its second five-year plan. p. 1.
Solomonova, M., Akimov, A. - Programs for economic development in India and Burma. p. 7.
Solodkin, R. - Some problems of the English economy. p. 13.
Ermolenko, E., Mostov, S. - Soviet tobaccos. p. 18.
Trade agreement between the government of the U.S.S.R. and the government of the Islamic Republic of Pakistan. p. 23.
Pisarets, I. - "Standard contracts in international trade on the world's capitalist market" [in Polish]. p. 26.
Dikanskii, M. - A useful dictionary. p. 27.
Official section. p. 29.

Vol. 26, no. 9, Sep. 1956. [With summaries in English.]
Table of contents translated:
Interview of I. G. Kabanov, minister of foreign trade of the U.S.S.R. by the newspaper "Die Welt." p. 1.
Poliakov, V. - Arab countries on the road toward economic independence. p. 3.
Lagin, T., Pastushenko, M. - Development of the economy and foreign trade of Canada in 1956. p. 8.
Kislenko, IU. - On the Indian market of ferrous metals. p. 13.
Kamenskii, IU. - On the meat market. p. 16.
Kantsel', IA. - Soviet self-propelled cranes. p. 19.
Bogomolov, O., Evreiskov, A. - Payment agreements of the European People's Democracies with capitalist countries. p. 23.
Problems of foreign trade in the "Rocznik statystyczny 1955" (Statistical Yearbook 1955) of the Polish People's Republic. p. 28.
Charter of the All-Union Publishing and Printing Association "Vneshtorgizdat." p. 30.
Annotations on articles published in this issue [in English]. p. 31.

## b) ECONOMICS

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 4, July-Aug. 1956.
Table of contents translated:
Results of the fulfillment of the state plan for the development of the U.S.S.R. national economy in the first half of 1956. p. 3.
Statistics on the great socialist victories. p. 10.
Paskhaver, I. - Methods for a statistical study of the economic efficiency of scientific agricultural measures. p. 26.
Tarasov, I. - Methods for computing labor productivity. p. 43.
Kabachnik, IA. - Calculating the economy obtained from reducing production costs. p. 49.
Postnikov, S. - Economic and cultural construction in the Korean People's Democratic Republic. p. 60.
Riabushkin, T. - Census programs in capitalist countries. p. 72.
Malychev, S. - Economic work of the statistical administration of the White Russian S.S.R. p. 84.
Shchapina, T. - S. V. Shol'ts' "Agricultural statistics." p. 92.

VOPROSY EKONOMIKI [PROBLEMS OF THE ECONOMY]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
Nolkin, A. - The productivity of communal work and problems in its measurement and planning. p. 3.
Arshanskii, M. - Intrafactory specialization and planning production in the machinery industry. p. 19.
Zheludkov, A. - Urgent problems in the over-all mechanization of lumbering. p. 33.
Kantorer, S. - Economic obsolescence and the economic efficiency of modern equipment in construction. p. 46.
Braginskii, L. - The influence of agricultural credit on the electrification of collective farms. p. 63.
Dvorkin, I. - Theories of "people's capitalism." p. 73.
Starodubrovskaia, V. - The origin and development of cooperative (group) property in the agriculture of the European people's democracies. p. 86.
Shteinshleiger, S. - The circulation of money in extended socialist production. p. 101.
Makarov, P. - Principles of computing and analyzing production costs on collective farms. p. 117.
Khorunzhii, L. - Concise figures showing the growth of the Soviet national economy. p. 125.
Barngol'ts, S., Poklad, I. - A good textbook on accounting in industry. p. 132.
Konovalov, E. - Cooperative agriculture in the Chinese People's Republic. p. 138.
Mikolan, S. - An Indian economist on land reform in India. p. 144.
Bakulev, G. - Criticism of the author should be strict, objective, and helpful. p. 149.
Ol'sevich, IU. - Indexes of the economic strength of a country. p. 152.
Udovenko, V. - Location of the most important new construction projects of the sixth five-year plan in the eastern regions of the Soviet Union. p. 155.

## c) FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 14, no. 9, Sep. 1956.
Table of contents translated:
Editorial: Working capital of socialist enterprises. p. 3.
Otakar Pol. - Industrial credit in the Czechoslovak Republic. p. 12.
Galimon, L. - Bank control over disbursements from wage funds. p. 24.
Gruiman, R. - Critical remarks of a business executive. p. 32.
Almaletdinov, F. - Our practice in issuing credit to collective farms. p. 37.
Strazhkov, D. - Simplify rather than complicate work. p. 42.
Against formalism in banking. p. 43.
Gurovich, S., Shevchenko, S. - Improve bank control. p. 46.
Dobudoglo, M. - My experience. p. 47.
From our readers' letters. p. 48.
Bol'shakova, E. - New developments in State Bank control over small-lot wholesaling of goods. p. 53.
Questions and answers. p. 57.
Bookshelf. p. 59.
Information. p. 61.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 17, no. 9, Sep. 1956.
Table of contents translated:
Editorial: Improve innovation work in the finance system. p. 3.
Aleksandrov, A. - Let's put the scientific study of finance on a higher level. p. 9.
Ferberg, A. - An important aspect of the economics of building. p. 16.
For further improvement of the administrative apparatus:
Korovkin, A. - The decision of the government on the survey of standard staffs is not being carried out. p. 27.
Sidorov, P. - Organizational excesses. p. 32.
Anoshkin, M. - First results. p. 34.
Burov, A. - The accounting apparatus in local organizations is expensive. p. 36.
Solov'ev, V., Buevich, N., Metrevell, P. - Standardizing the expenditures of institutions financed through the budget. p. 37.
Volovik, A., Slavkin, M. - Resources for lowering expenses at machine-tractor stations per centner of goods paid in kind. p. 42.
Ogorodnikov, A. - Strengthen the personnel of district institutions of the Agricultural Bank. p. 49.
Koudelka, Miroslav. - Profit deductions and their significance in the governmental budget of the Czechoslovak Republic. p. 54.
Rat, D. - Improve the methods of control. p. 61.
Bryzhin, G., Rabinovich, I. - For the attention of the Central Administration of Government Insurance of the U.S.S.R. p. 64.
Ignat'ev, A. - Some aspects of the economics and finances of theaters. p. 69.
Lopikhin, L., Kyrchikov, A. - Faulty practice in planning the cost of industrial production. p. 72.
Miakov, N. - Use wage funds in trade correctly. p. 74.
Sorokin, M. - With the help of an activist group. p. 77.
Sukhorukov, T. - The execution of control measurements. p. 78.
Readers' suggestions. p. 81.
Follow-up on our material. p. 86.
Akent'ev, B., and others. - "Resources of the enterprise and the tasks of strengthening control through the ruble." p. 88.
Broide, I. - Letter to the editor. p. 91.
Second Plenum of the Central Committee of the Government Workers' Trade Union. p. 94.

## d) LABOR

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda," Moscow, vol. 34, no. 9, Sep. 1956.
Table of contents translated:
Start has been made. p. 1.
Il'in, V. P. - Under the wing of Moscow boarding school no. 12. p. 2.
Uspenskaia, Elena. - Voice behind the stage; a story. p. 3.
Il'icheva, Irina. - Bread from new lands. p. 6.
Aleksandr Andreevich Ivanov. p. 8b.
Varlamova, I. - Source of heroic deeds. p. 9.
Buzhkovich, Miroslav. - From Shaman to Padua. p. 10.
Rozina, F., Libkind, L. - After the flag has been dropped. p. 13.
Sakharova, E. - Serkov family. p. 15.
Vavilina, V. - Our friends in Vietnam. p. 16.
Tikhov, G. A. - "Rendezvous" with Mars. p. 18.
Skorov, G. - In new Egypt. p. 20.
Bezuglov, Anatolii. - Unsolved cases. p. 22.
Kotel'nikova, Nina. - Around Europe. p. 24.
Konchalovskaia, Natal'ia. - Lyrical verse. p. 25.
New book by Sil'va Kaputikian. p. 25.
The turnip; a Panjabi folk story. Translated from the Hindi by N. Tolstaia. p. 26.
Nyrkova, V. - Children and music. p. 27.
Chistova, S. - Indifference towards the workers' daily life. p. 28.
Galgulina, M. - Just like new... p. 29.
Eligibility for retirement. p. 30.
Cookery. p. 31.
Apter, N. - Drying mushrooms. p. 31.
In leisure hours. p. 32.
Fashions. p. 3 of cover.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, no. 8, Aug. 1956.
Table of contents translated:
Editorial: Rely on the experience of the masses. p. 3.
The beginning of a great work. p. 6.
Gorokhovskii, B. - Concern for the welfare of the Soviet people. p. 21.
Kheinman, S. - The potentialities of socialist industry. p. 29.
Borukhovskii, A. - Bonuses for the introduction of modern technology. p. 40.
Krupitsa, A. - Indispensable changes. p. 54.
Peretrutov, V. - Increase material rewards for raising labor productivity. p. 57.
Peskin, Z. - More about the wages of coal miners. p. 60.
Ippolitov, K. - Improve organization and increase labor productivity in logging camps. p. 63.
Zhdanov, I. - Public control over the operation of the wage system. p. 73.
Govzman, I., Bolina, R. - Organization of the work of adolescents in a shortened workday. p. 76.
Vernyi, E., Fedianin, M. - The operation of the hourly bonus system. p. 78.
Glugan, A. - What our practice shows. p. 81.

Pen'kov, K. - Against fictitious piecework. p. 84.
IUshkin, P. - New wage system for steel workers. p. 85.
Chugreeva, M. - Skillful popularization of the achievements of innovators. p. 88.
Ryss, M. - Exchange of experience in the workshop. p. 91.
Consider the suggestions of factory workers. p. 92.
In ministries and bureaus. p. 96.
Reshetniak, I. - The question is one of inertness rather than space, Comrade Novikov. p. 102.
Krechek, V. - More attention to norm research laboratories. p. 104.
From the editor's mail. p. 105.
Vikent'ev, A. - Growth of real income of the population of the U.S.S.R. in the postwar period. p. 109.
Polesin, IA. - A book about safety engineering in coal mining. p. 119.
Okun', M. - A new type of defense of wage slavery. p. 123.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Organ of Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 4, no. 7, July 1956.

Table of contents translated:

Editorial: Fulfill in militant fashion the decisions of the fifth plenum of the All-Union Central Council of Trade Unions. p. 1.
Kozlov, I. - The law on government pensions and the tasks of trade unions. p. 6.
Semenov, I. - Strengthen work discipline tirelessly. p. 16.
Evstratov, M. - Administer industrial competitions better. p. 20.
Sofonov, G. - Mutual aid in the struggle for technological progress. p. 25.
Maksimov, M. - What we learned from the Muscovites. p. 28.
Proletov, I. - Creative friendship. p. 31.
Liutikov, V., TSyganov, I. Why obligations are not fulfilled. p. 35.
Marasanov, B. - Trade-union groups should be administered on a daily basis. p. 40.
Chichkov, P. - The fruits of well-coordinated work. p. 42.
Gromov, V. - Reacting favorably to constructive criticism. p. 44.
Platonov, V. - New working order of a district committee. p. 45.
Berezovskii, V. - What a formal administration of competitions leads to. p. 47.
Serpichev, I. - For whom the laws are not written. p. 49.
Lemberik, I., Ushatikov, N. - Trade-union group organizer Nikolai Bykov. p. 52.
Kalugin, M. - Consider vital and urgent questions. p. 56.
Ioshpa, IU. - Improve educational work with students. p. 57.
Glebov, E. - A healthful and interesting vacation for Soviet children. p. 60.
Gilk, L. - Preparing for the Spartakiada. p. 63.
Answers to readers' questions. p. 65.
In the interest of truth. p. 72.
Cherednichenko, E. - Extensive possibilities for cooperation between trade unions organized along different lines. p. 78.
Demonstration of working women's unity. p. 83.
Rosiovskii, S. - Guests of Yugoslav friends (conclusion). p. 86.
Lemeshev, S. - Forty-five days with Chinese coal miners. p. 92.
In the All-Union Central Council of Trade Unions. p. 93.
In trade-union organizations. p. 94.

Vol. 4, no. 8, Aug. 1956.

Table of contents translated:

Editorial: For a systematic and thorough checkup of performance. p. 1.
Shuruev, V. - Regulate the organization of work on labor and wage standardization without delay. p. 6.
Vasil'ev, N. - Carry out the eight-hour work quota in seven hours. p. 16.
Beltanin, V. - Urgent problems in the improvement of industrial safety. p. 20.
Melikhov, F. - If you promised, you must keep your word. p. 24.
Miroshnichenko, N. - Public inspection of industrial safety. p. 27.
Pavelko, A. - Collective labor agreement in practice. p. 28.
Maksarov, I. - Our general meetings. p. 30.
Tereshchenko, F. "Red corner" for machine operators. p. 31.
Kalugin, P. - Each tractor operator is kept in sight. p. 33.
Pankul, A. - Cultural work in the field. p. 34.
Novatskii, G. - Active trade-union workers are the main work support. p. 36.
Kozlova, Aleksandra. - In the shortened schedule time. p. 39.
Zhuravkov, Nikolai. - Beginning of an important undertaking. p. 41.
Ershov, Nikolai. - Power of the collective. p. 43.
Kudakova, Liudmila. - In a trade-union group of young workers. p. 44.
Fedorov, Pavel. - For adherence to principles and fighting spirit. p. 46.
Fedotenkova, Ol'ga. - Fulfill the five-year plan in four years. p. 47.
Pastornak, Marita. - For the benefit of consumers. p. 49.
Some conclusions. p. 50.
Rogov, N. - New names. p. 53.
Molchanova, V. - Keep the road open for the use of precast reinforced concrete. p. 56.
Novikov, A. - What are the results of the dissemination of leading workers' practice. p. 60.
Vasiun'kin, M., Magnushevskii, K. - Industrial cooperation of two enterprises. p. 60.
Mikhalenko, S. - With no outside help. p. 62.
Orkin, G. - Work practice of a control and inspection committee. p. 65.
Khodarenko, Z. - Rural efficiency experts need help. p. 67.
Shcianov, A. - Factory committee avoids acute problems. p. 68.
IAnin, V. - Why meetings at our workshop are so dull. p. 70.
Tankelevich, I. - Schoolboys' rooms at trade-union clubs. p. 72.
Sakovich, V. - Visiting our Indian friends. p. 74.
Eremeev, T. - Australian encounters. p. 79.
Wright, Tom. - Australian workers meet Soviet delegates enthusiastically. p. 84.
Aver'ianov, B. - On a return visit. p. 85.
Voslenskii, M. - "Profit sharing" as a means to intensify the exploitation of West German workers. p. 88.
The bookshelf. p. 92.
In trade-union organizations. p. 93.

Vol. 4, no. 9, Sep. 1956.

Table of contents translated:

Editorial: Daily concern for workers' living conditions. p. 1.
Shevchenko, A. - For a new powerful expansion of the physical-culture movement. p. 8.
Borisov, M. - A wide road to new and progressive methods. p. 14.
Nikolaichik, N. - Why is the authority of the trade-union council depreciated? p. 20.
Chusov, B. - Instructor of the trade-union committee. p. 26.
Dmitriev, N. - One can't accept this. p. 31.
Kolotov, M., Lokatenko, A. - In the interests of technological progress. p. 35.
Khachiev, S. - Life brings improvements. p. 38.
Larkin, A. - The initiative of efficient workers is falling. p. 40.
Bukharov, I. - Hindrances which must be eliminated. p. 41.
Birlukov, P. - With the help of active members. p. 43.
Sokolov, N. - Support and concern for public instructors. p. 46.
Trifonova, M. - Organization of work determines its success. p. 48.
Novikov, M. - Socialist competition in the workshop. p. 52.
Kochetkova, A. - When one remembers his duties. p. 54.
TSeitlin, A. - Our common cause. p. 56.
Makeev, A. - Secondary education for every young worker. p. 59.
For close cooperation between schools and industry. p. 64.
Kashin, A. - Construct clubhouses for machine builders faster and better. p. 67.
No attention was payed to delegates' voices. p. 71.
Workers of all countries protest against the banning of the Communist Party in Germany. p. 74.
Balmashnov, A. - Development of workers and trade-union movement in colonial and dependent countries. p. 77.
Roberts, Brian. - For restoration of the international unity of trade unions. p. 83.
Adil, Nushirvan. - Urgent problem. p. 86.
Rezso, Marosi. - Visiting Hungarian shipbuilders. p. 88.
Answers to readers' questions. p. 91.
In trade-union organizations. p. 93.
Follow-up of material printed in our journal. p. 95.

VIL'NYI UKRAINS'KYI ROBITNYK [THE FREE UKRAINIAN WORKER]. Organ of Ukrains'kyi viddil Profesilnoho Soiuzu Fora Uvriier [Ukrainian Section of the General Confederation of Labor-Force Ouvriere]. Paris, vol. 5, no. 9(64), Sep. 1956. [In Ukrainian.]

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no. 7, July 1956.

Table of contents translated:

Appeal of the World Conference of Women Workers. p. 1.
G. B. - Statutory Congress of the General Confederation of Labor in Belgium. p. 2.
Kirkhner, Rudi. - The threat against trade-union unity in West Germany. p. 5.
Duguet, Victorin. - Collaboration by trade-union representatives in the International Labor Organization's Coal Commission. p. 8.
Salomaa, Erkki. - For a 40-hour work week and industrial safety. p. 10.
Parent, Madeleine. - Canadian Catholic trade unions at a turning point in their history. p. 12.
Rousing welcome for Chinese and Soviet trade-union delegates in Australia. p. 15.
Joint communiqué issued by representatives of the Presidium of the All-Union Central Council of Soviet Trade Unions and the General Council of Japanese Trade Unions. p. 16.
Open letter to the World Federation of Trade Unions and to the International Confederation of Free Trade Unions. p. 16.
Vivoda, Marjan. - The trade unions of Yugoslavia and international cooperation. p. 18.
Kagmar. - Session of the Indian National Trade Union Congress. p. 19.
Basis of united action. p. 20.
Woddis, Jack. - Unity and struggle lead to victory. p. 21.
In the process of forming a new trade-union confederation in French Africa. p. 27.
Wurudu, Kobina. - Struggle of the Gold Coast workers; part two. p. 31.
Gastaud, Maurice. - Trade-union education in the Seine Department. p. 34.
Mack, A. - Overtime brings the owner profit. p. 36.
Hodi, Vera. - A trade-union social insurance committee. p. 37.
English workers want to establish relations with Soviet workers. p. 39.
Discord within the A.F.L.-C.I.O. p. 39.
What "equal pay for equal work "means in Southern Rhodesia. p. 40.

No. 8, Aug. 1956.

Table of contents translated:

On the eve of the session of the Council of the World Federation of Trade Unions. p. 1.
Louis Saillant's speech. p. 3.
Drinkwater, Tom. - Experience gained in joint work. p. 6.
In the interest of truth. p. 9.
Kiari, Bel'khassen. - On the eve of creating the united trade union center. p. 14.
Stone, Peter. Auld lang syne. p. 18.
Suggestion of Soviet trade unions to the British Congress of Trade Unions. p. 19.
The united trade-union center of Chilean workers sends greetings to the World Federation of Trade Unions. p. 20.
African trade-union delegation admires China. p. 21.
Salomaa, Erkki. - Unity is a characteristic feature of the congress of the Central Association of Finnish Trade Unions. p. 22.
Hanson, E.J. - Workers on sheep breeding farms struggle against the lowering of wages. p. 24.
Monstrous antitrade-union law. p. 28.
Braverman, E.R. - South African women in industry. p. 31.
Ioshro Takakhasi. - What is happening on Okinawa? p. 35.
Situation in the automobile industry and suggestions proposed by workers. p. 33.
Welcoming the international conference of transportation workers, dockers, and fishermen. p. 39.
For strenthening unity and cooperation. p. 40.
"Dispatcher." - Price of prejudice. p. 41.
Mirescu, Ion. - It is time to end dissidence and internal struggle. p. 43.

## e) SOCIOLOGY

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Otdel kazach'ei gruppy v N'iu Iorke [New York Branch of the Cossack Group]. New York, vol. 4, nos. 45-46, Nov. -Dec. 1956.

KLUB [THE CLUB]. Organ of Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 6, no. 9, Sep. 1956.

Table of contents translated:

Brudnyi, A. - What is a club? p. 1.
The first graduating class. p. 3.
Skugorov, V. - On the banks of the Yenisey River. p. 4.
Stoiskal, A. - We organize dissemination of industrial and technological practices. p. 6.
In the Central Organizational Committee for the Preparation and Direction of the All-Union Festival. p. 7.
Sorokolad, N. - About our town. p. 8.
Good work - good rest. p. 8.
Gorel'ko, M. - A friend of Magnitogorsk children. p. 9.
Vozvyshaev, F. - Youth festival. p. 10.
Chronicle of the festival. p. 11.
Delitsiev, S. - Impressions, encounters, acquaintances. p. 12.
Ezerskii, V. - The planet Mars. p. 14.
L'vov, M., Mikhailov, V. - Saturday, July 14th. p. 16.
Active workers report. p. 18.
Frolov, IU. P. - Engraving on glass. p. 19.
Let's talk about the popular orchestra. p. 20.
Kokoshkin, P. - Growing friendship. p. 21.
Rozina, L. - We use visual aids. p. 22.
Kravchenko, E. - "The piper from Strakonice" on the club stage. p. 24.
Puchkov, A. - The "Red October" State Farm is a profitable enterprise. p. 24.

Sokolovskaia, V. - How to make a Rumanian folk costume. p. 25.
Rybkovskii, N. - Merrymaker courses. p. 25.
Bogatova, G., IAkovleva, M. - Literature about Siberia and the Far East. p. 26.
Stepanova, N. - Outdated and poorly organized. p. 27.
They write us. p. 28.
Chinese tricks; translated from the Chinese by A. Akimova, E. Bubentsov. p. 29.
Brief news. p. 31.
Significant and memorable dates. p. 32.
Follow-up of material published in "Klub." p. 32.

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin].
Moscow, vol. 33, no. 11, June 1956.
Table of contents translated:
Podliashuk, Pavel. - "Volga," get ready for the trip. p. 2.
Surin, Leonid. - Diplomat; story. p. 5.
Verses of Armenian poets. p. 8.
Franklin, Benjamin. - Whistle; story. p. 8.
Hearts are open for friendship. p. 9.
Dmitriev, IU. - Hymn of struggle and liberty. p. 11.
Zhukov, N. - Children as they are. p. 12.
Minaev, S. - The living stump and the dead tree; story. p. 14.
Gargi, Balvant. - Dances of Punjab peasants. p. 16.
Galanov, B. - In the country of forests and lakes. p. 17.
Henly, James. - Examination; story. p. 18.
Liubovtsev, Vl., Rozen, B. - New books ("Summer days," Vl. Kotov; "Aleksandr Evgen'evich Fersman," O. Pisarzhevskii. p. 20.
Ramires, Ronaldo, Mesa, Fernan. - Children of Mapocho. p. 20.
Volleyball. p. 22.
Ozmidov, V. - Before the gong. p. 23.
Rubin, E. - The Dolgushin Prize. p. 23.
Ryzhakin, IA. - "Miracle worker of Viatka"; history of an unique clock. p. 24.
Moiseev, O. - Careful! Pigeons. p. 24.
Crossword. p. 24.

Vol. 33, no. 15, Aug. 1956.
Table of contents translated:
Festival of strength and youth; interview with K.A. Andrianov. p. 1.
The flags of the sports festival will be raised here. p. 2.
Isaev, B. - Arkadii Vorob'ev at the bar-weight. p. 4.
Martynov, M. - Under the banner of the Spartakiada. p. 4.
Kuzmenko, V. - On the tennis courts. p. 5.
Mikhailov, S. - The start signal is given. p. 6.
Rut'ko, Ars. - Space; a story. p. 6.
Tukhtaev, Nigmat. - Sports made us friends. p. 7.
Kopelivich, N. - Five hundred and forty nine out of a possible 600. p. 8.
Astaf'ev, V. - Love for life; a sketch. p. 8.
Kosvintsev, B. - The limit is reached. p. 9.
Kiknadze, A. - Contests on the mat. p. 10.
Volgin, IU. - The capital prepares for the festival. p. 11.
Borisov, I. - Masters of "aerobatics." p. 12.
Shagin, N. - In the third round. p. 12.
Paleckis, J.I. - The most precious in life is our goal! p. 13.
Razin, N. - Ball in play. p. 13.
Filatov, L. - Two careers. p. 15.
Konkin, V. - Basketball is a good game. p. 16.
They represent millions. p. 16.
IUnusov, I. - Horsemen. p. 17.
Usainov, Asal'bek. - My friend Azal'sho Alimov. p. 18.
Dmitriev, E. - Ten points! p. 18.
Usychenko, IUrii. - "Fragment of the sun." Vl. Nemtsov. p. 18.
Kuznetsova, N. - "Over the ocean's blue waves." Nikolai Flerov. p. 18.
His name is known to workers in all lands. p. 19.
Mancisidor, Jose. - Before the dawn. p. 22.
Spartakiada trophies. p. 23.
Nikolaev, N. - Ulvi Voog swims. p. 23.
Hiltunen, R. - Fight for speed. p. 23.
Guest of India. p. 24.
Sinitsyn, M. - There won't be any wind. p. 24.

Vol. 33, no. 16, Aug. 1956.
Table of contents translated:
Rink, Igor'. - Five minutes before the train's departure. p. 1.
Davydov, I. - Alini fantasy; a story. p. 4.
Chernichenko, IU. - "A trip around the world." p. 5.
Sidorov, G. - A rich land. p. 7.
Malygin, V. - On virgin soil upturned. p. 10.
Festival of the strong and bold. p. 12.
Kazanskii, I. - Shake hands, distant friend! p. 14.
Riabchikov, E. - Assault of the "land of mysteries." p. 16.
Kairov, I.A. - Boarding schools go into operation. p. 17.
Palei, A. - In the poet's home country. p. 18.
Franko, Ivan. - Rusalka. p. 20.
"Smena" Chess tournament. p. 24.

Vol. 33, no. 17, Sep. 1956.
Table of contents translated:
Good luck! p. 1.
Podliashuk, Pavel. - A Communist Youth League member came to the Donets Basin. p. 2.
Until the meeting in Moscow! p. 3.
Chikin, Leonid. - Meeting the winds. p. 4.
Fedorova, Larisa. - In the little dog's presence; a story. p. 5.
Wedding at the "Urozhai" State Farm. p. 6.
Gerasimova, Z. - Life is more complicated than ready-made schemes. p. 10.
Andrianov, B. - Generation of the brave. p. 12.
Novosibirsk Hydroelectric Power Station. p. 12b.
Bulgarian virgin soil. p. 13.
Karaslavov, Slav. - Six for one; a story. p. 13.
Andreev, V. - Skillful hands. p. 16.
Hikmet, Nazim. - Letter from Istanbul. p. 16.
Ardamatskii, Vasilii. - IA-11-17; a tale about the adventures of Captain Dement'ev [to be continued]. p. 19.
Vasil'ev, K. - Book about a wonderful journey ("What to be" by Evgenii Andreevich). p. 22.
Vershigora, P. - "On the bank of the Dnieper" by Porfirii Gavrutio. p. 22.
Babkin, V. - The horsemen take the obstacles. p. 23.
Stefanov, P. - Forest fantasy. p. 24.
Liublinskii, V. - Russian chess composer. p. 24.

Vol. 33, no. 18, Sep. 1956.
Table of contents translated:
Zlatogorov, Mikh. - In the Far North. p. 1.
Podgorodnikov, IUrii. - Native land. p. 4.
Zorin, B. - We will meet with Korchagin again. p. 4.
Bad'eva, El. - Led by good intentions; a story. p. 6.
Borin, A. - Stories about new professions. p. 9.
After the final whistle. p. 10.
Mastery, exactness, courage. p. 12.
Chikin, V. - Strange girl. p. 14.
Andreev, V. - On the Pioneer Collective Farm. p. 15.
Vachnadze, K. - Breath of autumn. p. 16.
Korzhikov, V. - He was a Moscow schoolboy. p. 16.
Reviews and bibliography. p. 17.
Ardamatskii, Vasilii. - IA-11-17; a tale (to be continued). p. 18.
Egorov, B., Polishchuk, IAn., Privalov, Bor. - Watch posters. p. 21.
Riabinin, B. - Pursh travels. p. 23.
"Smena" chess tournament. p. 24.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY].
Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.].
Moscow, vol. 17, no. 4, Apr. 1956.
Table of contents translated:
For the welfare of the Soviet man. p. 1.
Karpinskii, V. - In living contact with the people. p. 4.
Volin, B. - Responsive and cordial. p. 6.
Mazurets, P. - The workbook is a fundamental document. p. 9.
Borovikova, Z. - The help of trade unions is needed. p. 10.
Fediaev, V. - Inspect the activity of local officers regularly. p. 11.
Kotomin, M. - The work of committees for the allotment of pensions can be simplified. p. 11.
Galinina, G. - They began differently. p. 12.
Magaril, M. - Academic council of an institute at a factory. p. 14.
Bureiko, V. - The relationship of science and practice. p. 17.
Kosinskaia, N. - Interprovincial conference on scientific practice. p. 20.
Radushinskii, L. - On the basis of experimental training. p. 23.
Gorshkov, S. - Attain new successes. p. 26.
Pshenkin, D. - Trade school for deaf-mutes. p. 29.
Liplavskaia, M. - One's own home. p. 31.
Semenov, V. - With veterans of the stage. p. 33.
Lamteva, L. - Surrounded by care and love. p. 35.
Karaseva, N. - A talented group. p. 36.
The blind read a typographic text. p. 36.
Vlasov, S. - In the interests of collective farmers. p. 41.
Umnova, A. - Mutual aid funds have become more active. p. 43.
Noritsyn, A. - Help and attention are needed. p. 44.
On the "Proletarian Freedom" Collective Farm. p. 45.
Kulikova, A. - A close contact is needed. p. 46.
Gelasimov, S. - Suspensory support for the prosthesis of thigh and shin. p. 49.
Establishing the length of work service according to the testimony of witnesses. p. 51.
Kvitko, T. - A strong spirit. p. 53.
In the Union republics. p. 55.
Prosthetic and orthopedic aids in the German Democratic Republic. p. 57.
In the Ministry. p. 62.
Brief news. p. 63.

Vol. 17, no. 5/6, May-June 1956.
Table of contents translated:
The party's word is a firm word. p. 1.
The Soviet people speak. p. 5.
IAkimovich, I. - The workers' thanks. p. 6.
Gur'ianov, A. - Veterans of labor and the Revolution talk. p. 8.
Kravchenko, A. - A deep humanity. p. 13.
Karaseva, N. - Royal send-offs. p. 16.
Khabibullina, R. - How the district soviet helps us. p. 18.
Rachinskii, V. - Train workers in the right way. p. 21.
Levshin, A. - Basic principles of pension insurance in the U.S.S.R. p. 22.
Makarova, Z. - They prepared for the recomputation of pensions. p. 26.
Khramova, S. - Feverish days. p. 29.
Vlasov, S. - A day in a village section of social insurance. p. 31.
Beginning of a great and responsible task. p. 34.
Pogorelov, I. - Pension documentation will be in tin p. 37.
Preparation for the introduction of the new law. p. 3
Trubitsyn, N. - In the Far North; mistakes by peripheral medical commissions on work fitness. p. 3
Volchek, V. - What the experience of a provincial commission on work fitness teaches. p. 42.
Medvedev, V. - An interesting discussion. p. 44.
Derevnin, M. - They want and are able to work. p. 4
Gaidukevich, K. - The deputies are our active group p. 50.
Karabishcher, L. - Golden hands. p. 51.
Bodrov, I. - How we teach sewing. p. 53.
Gavrik, G. - In Petrovskoye District of Stavropol Territory. p. 55.
Basmanov, A. - In the large family of Soviet sportsmen. p. 56.
Minaev, I. - Flowers of friendship. p. 59.
Ochkina, O. - Caretakers of a new home. p. 64.
Mirumian, L. - Improve the production of bandages. p. 65.
Sokov, A. - Rubber foot. p. 66.
Svetukhin, IA. - Prosthetic devices are not mittens; they require careful adjustment. p. 68.
Semidetova, P. - History of an invention. p. 70.
Konstantinov, V. - Artificial eye expert. p. 73.
Our consultation. p. 74.
Tregub, S. - To Anatolii Volkovinskii. p. 76.
Kraptventseva, N. - I found my place in life. p. 80.
Samoilov, I. - The value of a burned-out eye. p. 81.
Letters to the editor. p. 82.
Kiselev, B. - Such a man was Gor'kii. p. 84.
Titova, K. - The lot of pensioners improves in Czechoslovakia. p. 87.
Brief remarks. p. 90.
In the Ministry. p. 92.
From the pages of newspapers. p. 93.
Foreign visitors. p. 94.
End of the issue. p. 94.

Vol. 17, no. 8, Aug. 1956.
Table of contents translated:
Put the new law into effect in organized fashion. p. 1.
Lirtsman, M. - Old age pensions. p. 4.
Iniutin, G. - What must be taken into account in the recalculation of pensions. p. 9.
Nazarov, A. - The active help of pensioners. p. 13.
Salakhutdinov, A. - Groznyy contrasts. p. 16.
Galinina, G. - In the village of Ten'gushevo. p. 18.
Borisova, R. - Old folks. p. 20.
Shipov, V. - A postwoman's story. p. 24.
Panina, L. - New instructions on proper procedures for commissions on work fitness. p. 26.
Reznikova, L. - It was necessary to start from the ground up. p. 30.
Fedorenko, P. - We go out to the industries. p. 32.
Kapichnikova, L. - Our scientific research plans. p. 33.
Nikitin, V. - The prosthesis of patients amputated because of obliterating endarteritis. p. 35.
Khankin, L. - Invalids with amputated forearm work as turners. p. 37.
Khabarov, N. - A noble undertaking. p. 40.
Mozherov, I. - Active helpers. p. 42.
Kashirina, M. - What a supernumerary inspector can do. p. 44.
Rubinshtein, L. - The drawings of IUrii Masiutin. p. 45.
Ivanenkova, E. - Letter to M. Kh. Poloneiskii. p. 47.
Semenov, N. - A blind accordion player. p. 51.
Malinovskii, N. - Once again in one's old factory. p. 52.
Mchedlishvili, I. - The country is concerned about them. p. 54.
Marinova, TSv. - Social security in Bulgaria. p. 55.
Huang Nai. - Life of the blind in China. p. 59.
Brief news. p. 61.
In the Ministry. p. 62.
Gorova, I. - A reprimand instead of gratitude. p. 63

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Antifashistskii komitet sovetskikh zhenshchin and Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [Anti-Fascist Committee of Soviet Women and of the All-Union Central Council of Trade Unions].
Moscow, vol. 12, no. 9, Sep. 1956.
Table of contents translated:
Novoselova, N. - The tyrant; a story. p. 2.
Tarasovich, V. - A soldier has come home; feature story. p. 6.
Chudnovskii, D. - In the hamlet of Zalesnyy. p. 11.
Doroshinskaia, Elena. - She is not lonesome any more; a sketch. p. 14.
Sakse, Anna. - New teacher; a story. Translated from the Latvian. p. 16.
Shchipakhina, Liudmila. - I am one of those who are still young; verse. p. 18.
Zol'ma, G. - At the call of bells; a photosketch. p.
School year has just begun. p. 23.
Tarasova, E. - Writer and democrat. p. 23.

IUshina, Raisa. - Around Europe; photos and notes. p.24.
Sharma, P. - I am glad to acquaint you with...; a photosketch. p.26.
Mizushuma Nobuichi. - Treat Kloko as your own sister. p.31.
Waterhouse, Helen. - Amazing person. p. 32.
Sushama Sen Gupta. - Cordiality and hospitality. p.33.
Stefanova, Liliana. - There are many roads to friendship. p.34.
Seminar on equal rights of women in the U.S.S.R. p.35.
Grant, Rose. - Dreams and reality. p.36.
How birds became friends; a Burmese folk tale. Translated from the Burmese. p.38.
According to the new law on social security. p.41.
Cherniavskii, V. - Dante Alighieri. p.41.
Fashions. p.42.
Malinovskii, M.S. - Yes, abortions are evil. p.45.
Answers to letters from our readers: Is it all right to give wine to children? p.46.
Cookery. p.47.

SOVETSKII KRASNYI KREST [SOVIET RED CROSS]. Organ of Ispolnitel'nyi komitet Soiuza Obshchestv krasnogo kresta i krasnogo polumesiatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.]. Moscow, vol. 6, no. 4(28), July-Aug. 1956.
Table of contents translated:
More attention to the training of public health units. p.1.
The practice of progressive workers should be made known to all district committees. p. 4.
Teitel'man, M. - Help from active public health workers. p. 7.
Petrova, E. - They introduce cleanliness. p. 8.
Rozhkov, V. - School section of the Red Cross district committee. p. 9.
Raamat, A. - Active group. p.10.
Vainer, I. - Teacher's notes. p.11.
Erofeev, I. - You are doing a great deed. p.12.
What are health detachments worried about. p.13.
Pogozheva, E. - After the factory whistle... p.14.
Sarkisov-Serazini, I. - Active rest. p.16.
Gordeev, N. - Physical exercise is a friend of the strong and a helper of the weak. p.18.
Dormidontov, G. - There should be no more victims from drowning. p.22.
Bashovaia, M. - Prevention of brucellosis. p. 24.
Orlov, IU. - British Red Cross Society. p.30.
Kanevskii, L. - Interesting pamphlet. p. 31.

UKRAINIAN CANADIAN COMMITTEE. Biuleten'. The Bulletin. Winnipeg, vol. 4, no. 11, Nov. 1956. [In Ukrainian.]

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no.8(41), Aug. 1956. [In Ukrainian.]
Table of contents translated:
Franko, Iv. - Hymn. p. 2 of cover.
The mountain legend. p. 2.
Franko, Taras. - A giant of work. p. 3.
Makh, Petro. - His immortality; verse. p. 3.
Pages of a great life. p. 4.
Franko, Ivan. - Two friends; a story. p. 7.
Stetsiuk, IAkiv. - In the Great Mason's land. p. 9.
Lukianovych, Denys. - Message from prison to his comrades; excerpt from the novel "The Great Mason." p. 11.
Rudnyts'kyi, Mykhailo. - "Semper tiro." p. 13.
Buchma, Amvrosii. - Actors from the Franko Theater. p. 14.
Nazarenko, IUrii. - In the languages of the fraternal peoples. p. 15.
If it were today; excerpts from Ivan Franko's humorous verse. p. 16.
Handziura, P. - In Chervona Sloboda; a sketch. p. 17.
Anokhin, I. - The first children's machine-tractor station in the Ukraine. p. 19.
The world's tallest structure. p. 19.
Chaikova'kyi, Bohdan. - Friends. p. 20.
Hryhor, I. - Young, strong, and adroit. p. 22.
Chess. p. 24.
Stefarov, P. - Water "wolf." p. 24.


## 6. POLITICAL SCIENCE


AZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 35, nos. 10-11, Oct.-Nov. 1956. [In Kazakh.]

OMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol.33, no.13, Sep.1956.
Table of contents translated:
Editorial: The building of communism and the Soviet trade unions. p.3.
Mezentsev, S. - Persuasion is the basic method of party leadership of the masses. p.15.
Lavrishchev, A. - Scientific and technical collaboration of socialist countries. p.31.
Antropov, P. - Tasks of geology and its practice. p.46.
Pokshishevskii, V. - Economics and geography of the atomic power industry of capitalist countries. p.56.
Kedrov, B. - The law of "negation of a negation." p.69.
"Nova mysl" (New thought) on the development of democracy within the party. p.84.
Important step in the building of communism in Czechoslovakia. p.86.
Second five-year plan of the Hungarian People's Republic. p.89.
Socialist transformation of agriculture in Rumania. p.91.
Mikhailov, F. - More actively influence scientific work. p.94.
Bal, V. - The truth about the Karlsruhe case. p.103.
Mishin, A. - Greater concreteness and clarity in lecture propaganda. p.110.
Poliakov, V. - Operational ability is the basic feature of management of enterprises. p.116.
Manvelov, I. - Management practice and ways to improve it. p.120.
Pantor, B. - Independence of managers of an enterprise. p.124.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 30, no. 10, Oct. 1956. [In Kirghiz.]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol.26, no. 8, Aug. 1954.
Table of contents translated:
Editorial: Improvement of political work among the rural population is an urgent task for party organizations. p.1.
Constant attention to scientific and atheistic propaganda. p.8.
Kozlov, V. - Raise the level of local soviets' work. p.10.
Krilin, G. - Increase the activities of Communist Youth League organizations in their struggle for the development of the republic's agriculture. p.20.
Bykovskii, V. - Strictly observe the principles of collective leadership. p.39.
Sergeev, S. - Strengthen unfailingly bonds with workers on collective farms. p.48.
Anisimov, T. - Increase the productivity of communal stockbreeding in every way. p.54.
Shaniakin, I. - For new progress in White Russian literature. p.64.
Storin, L. - Book that unmasks American aggressors. p.74.

Vol.26, no.10, Oct.1954.
Table of contents translated:
Editorial: Communist Party is the leading and guiding force of Soviet society. p.1.
Inroductory speech of Comrade Mao Tse-tung at the first session of the Chinese National People's Congress on September 15,1954 in Peiping. p.10.
Liu Shao-chi. - The draft Constitution of the Chinese People's Republic; report at the first session of the Chinese National People's Congress on September 15,1954 in Peiping. p.12.
Grigor'ov, V. - Indissoluble friendship of the peoples of the U.S.S.R. is a great achievement of socialism. p.45.
Levitskii, P. - Scientific achievements and work practice of foremost workers in agriculture. p.57.
Mol'nikov, M. - For high profits in flax growing. p.68.
Gorbachova, A. - Intensify political vigilance constantly. p.76.

KOMMUNIST KAZAKHSTANA [COMMUNIST OF KAZAKHSTAN]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 26, no. 9, Sep. 1956.
Table of contents translated:
Editoral: The forthcoming school year in the party educational system. p.2.
Presniakov, P. - The possibility of doing away with war in the present era. p.8.
Daulenov, S. - Reclamation of land in the Golodnaya Steppe. p.15.
Lastovskii, E. - Development of sheep breeding in Semirech'ye. p.20.
Erofeev, N. - Specialization in Kazakhstan's light, local, and cooperative industry. p.27.
Kopylov, G. - Two methods of party work; party organizations of two collective farms during the harvest. p.33.
Zimin, P. - Observe strictly individual selection within the party. p.38.
Kuptsov, K. - Communists of a depot. p.41.
Stop all harvest losses. p.44.
Housing construction. p.47.
Kuvatov, R. - Monthly advances to collective farm members. p.50.
Abdrakhmanov, S., Fishchuk, V. - Pedagogical journal and the school. p.57.
Sulunghaliev, Kh. - "Abai Kunanbaev's philosophy." p.61.

Vol. 26, no. 10, Oct. 1956.
Table of contents translated:
Editorial: The Kazakhstan milliard. p. 2.
Pokrovskii, S. - The significance of the Great October Socialist Revolution for the peoples of our country. p. 11.
Nabatov, A. - Respect and guard the rights of Soviet citizens. p. 19.
Kozlov, L., Presniakov, S. - Metallurgists attain a knowledge of economics. p. 24.
Grishin, K. - Machine-tractor-station lecture groups. p. 29.
Mazhnikova, A. - For a model procedure in party operations. p. 32.
Let's be prepared for winter. p. 34.
With the sharp edge of satire. p. 37.
Kurova, K. - Unceasingly improve one's artistry; the works of young Russian writers in Kazakhstan. p. 42.
Plashevskii, IU. - An important stage in Egypt's development. p. 50.
Volkov, I., Saliev, M. - Publicize the experience of innovators more clearly. p. 56.
El'iashenko, IU. - Without knowledge of the matter. p. 59.
Party chronicle. p. 62.
Follow-up of material in "Kommunist Kazakhstana." p. 64.

KOMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 29, no. 11, Nov. 1956. [In White Russian.]

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 31, no. 7, July 1956. [In Ukrainian.]
Table of contents translated:
Editorial: Exercise criticism and self-criticism fearlessly and more extensively. p. 1.
Unpublished documents by V.I. Lenin. p. 12.
Lukinov, I. - Reduce labor expenditure per unit in agriculture. p. 24.
Suprun, D. - Improve guidance methods bringing them closer to life. p. 35.
Kiselev, A. - Satiric works of Ivan Franko. p. 42.
Pavelko, A., Poredenii, V., Veitko, V. - Scientific publications of the Institute of Philosophy of the Academy of Sciences of the Ukrainian S.S.R. p. 53.
Vil'baum, M. - Desintegration of the imperialist colonial system. p. 61.
Shcherban', A. - The periodical "Nauka i zhyttia." p. 71.
Party news. p. 79.

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Izdatel'stvo [Publishing House] "Znanie." Moscow, no. 9, Sep. 1956.
Table of contents translated:
Editorial: Suez question. p.1.
Path of fascism and preparations for war. p.13.
Ershov, T. - Indonesian people in the struggle for peace and strengthening of national independence. p.19.
Vilnis, J. - Attempts to intervene in the internal affairs of Baltic peoples. p.27.
Muazkat, Marjan. - Some legal aspects of peaceful coexistence. p.37.
Kuz'minov, I. - Unemployment in England. p.47.
Kononenko, A. - Conceptions of military circles in the U.S.A. p.62.
Bogdanov, O. - Anglo-American foreign exchange conflicts. p.72.
Petrov, I. - Milan - Florence; from a traveler's notebook. p.80.
Alekseenko, V. - Suez Canal. p.91.
Militukova, V. - The Bundestag and it's fractions. p.99.
International events (August,1956):
An important reform. p.111.
Conference in Panama. p.112.
The fight over the atomic draft law in the German Federal Republic. p.114.
Results of the session of the Congress of the United States. p.115.
Plans for creating an "African NATO." p.116.
Saudi Arabia and the American base. p.117.
Gold Coast demands independence. p.119.
Steel workers strike in the U.S.A. p.120.
Agreement based on equal rights and profits. p.121.
Peaceful settlement of problems in Laos. p.122.
Contribution to the struggle for peace. p.123.
Struggle of English workers. p.124.
Situation in South Korea. p.125.
West Germany and the North Atlantic Treaty Organization. p.126.
Government crisis in the Netherlands. p.127.
Conflicts in the cotton market. p.128.
Election campaign in the U.S.A. p.130.
Tavrov, G. - Controversy over the Panama Canal. p.132.
Pavlov, F., Grebennikov, B. - Important book on the socialist structure in the peoples' democracies of Asia. p.135.
Gerasimov, G. - New course is needed. p.139.
Lebedev, N. - Past and present of Rumanian oil. p.142.
Burchett, Wilfred. - "The quiet American." p.146.
Book reviews. p.149.
Soviet-Yugoslav agreement concerning citizenship. p.154.
Nationalization of the Suez Canal Company. p.156.

MOLODEZH' MIRA [WORLD YOUTH]. Published by Vsemirnaia federatsiia demokraticheskoi molodezhi [World Federation of Democratic Youth]. Moscow, no.7, 1956.

Table of contents translated:

Joint communiqué of the World Federation of Democratic Youth and the World Youth Assembly. p. 1.
Formation of the Committee of Youth Organizations of the U.S.S.R. p. 1.
Youth of a great people. p. 2.
New China through Paul Hogarth's eyes. p. 4.
Kutts, Ch. - New power in the sports world. p. 6.
Khamza. - Country of thirty thousand islands. p. 7.
Mitra, P. - Sun over Sudan. p. 8.
V. K. - Japanese motion pictures and neorealism. p. 10.
Eternal snows in the land of the equinox. p. 11.
Do you know Asia? p. 12.
Lardner, R. - Husbands and wives. p. 14.
Festival of "Molodezh' mira" readers. p. 15.
Turner, B. - New form of a racial barrier? p. 16.
Page for girls. p. 17.
Kutts, Ch. - Family of soccer players. p. 18.
Legrange, G. - Discussion at the "Chez Dupont" café. p. 20.
Our mail. p. 22.
Rauch, Z., Richter, F. - Automobiles yesterday, today and tomorrow. p. 23.
Answers to our questionnaire. p. 24.
Philately, Humor, Correspondence page. p. 3 of cover.

No. 8, 1956.

Table of contents translated:

Look into the future. p. 1.
Readers suggest... p. 3.
Kudriavtsev, V. - Walk through the city of the sixth Festival. p. 4.
Stone, D. - A young Christian tells us about his ideas. p. 7.
Contribution from Soviet youth. p. 7.
Kutts, Charlie. - To the sound of the bagpipe roulades. p. 8.
Davidson, Basil. - "The rapids." Review and excerpts. p. 10.
Savaris, A. - A few minutes with Gina Lollabrigida. p. 13.
Nere. L. - Hunting the largest game. p. 14.
Our mail. p. 15.
Page for girls. p. 16.
Long, A. - I prefere diving. p. 17.
Tailor, J. - Striving for Olympic prizes. p. 18.
Youth is the winner and friendship is the first prize. p. 19.
For international cooperation, but what kind? p. 20.
Kohlhaas, W. - With a favorable wind. p. 22.
Griun, B. - My hobby. p. 3 of cover.

No. 9, 1956.

Table of contents translated:

Savaris, A. - Letter to a friend. p. 1.
Our forum. p. 2.
Cutts, Ch. - Olympic predictions. p. 4.
Vizen, L., Riasin, N. - A soldier comes home. p. 6.
Two hundred and fifty-five million copies daily. p. 8.
Our mail. p. 9.
September 1946, no. 1. p. 9.
Croix, J. - "World Youth," 19th year of publication. p. 11.
A.S. - This is the way it is done. p. 12.
Courier de Méré, P.-L. - Adventure in Calabria; translated from the French by O. Nikolaev. p. 14.
Kay, R., Cutts, Ch. - A "square" and "sciffle." p. 14.
Guibert, R. - "The silent world." p. 16.
Möller, O. - We have to try to understand one another. p. 18.
We continue our questionnaire. p. 19.
I would like to know... p. 20.
Cadbury, J. - A quaker's viewpoint. p. 21.
Meeting in Turku. p. 22.
Young girls' page. p. 23.
Philately. p. 3 of cover.

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST], Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 14, no. 8, Aug. 1956.

Table of contents translated:

Editorial: Train youth in the spirit of communist ideology. p. 3.
Alekseev, A. - The socialist system advances without crises and shocks. p. 9.
Zubkov, I. - Physical culture and sports should reach all youth. p. 19.
Leonov, N. - Interfactory school of progressive practice. p. 25.
Important element in the organizational work of rural Communist Youth League members. p. 28.
Stakheev, B. - How we popularise books. p. 76.
Mikhailovskii, V. - Exciting meeting. p. 77.
Communist Youth League news. p. 78.
Follow-up on our publications. p. 79.
Kazanskii, I. - Around Europe; travel notes. p. 80.
Kol'tsov, V. - How the national economy of our country is planned. p. 87.
Motylev, A. - The language of numbers; on the statistical collection "National economy of the U.S.S.R." p. 95.
For the propagandist's and agitator's notebook: For the welfare of the people; facts and figures. p. 101.
Tripalo, Miko. - The National Youth of Yugoslavia is a political organization. p. 106.
Vdovin, V. - Youth of the world prepares for the meeting in Moscow. p. 115.
In the library of the Communist Youth League activist:
Krotkov, B. - Career of the Leninist revolutionary. p. 122.
Tarasov, A. - Communist Youth League members of an institution of higher learning. p. 123.
Dolankova, R. - "Leaders on their work." p. 126.
Voronkova, L. - New books on Siberia and the Far East. p. 127.

Vol. 14, no. 9, Sep. 1956.

Table of contents translated:

Editorial: Young reporter. p. 3.
Romanovskii, S. - The defense of peace is the most important basis for the collaboration of youth. p. 6.
Rakhunov, R. - Soviet legality and the role of the Communist Youth League in strengthening it. p. 17.
Great harvest. p. 28.
Young patriots go to the Donets Basin. p. 31.
Vitimov, M. - Next shift to the stope. p. 32.
Liakhov, Vladimir. - Pack builder Vladimir Diak. p. 34.
Koroviakov, V. - Miners' territory; for the agitator's and propagandist's notebook. p. 36.
Shakhimordanov, I. - Reliable man; letter from Bratsk. p. 42.
Maslin, V. - Study room of Communist Youth League work. p. 48.
TSyganok, P. - During the crabbing season. p. 49.
Zaslavskii, D. - The American fable about "people's capitalism." p. 50.
Kovalenko, G. - What it means to be cultivated. p. 59.
Orlinskaia, N. - Mere indifference? p. 63.
Ivonin, V. - Festival of Azerbaijanian youth. p. 69.
Golubev, A. - Fine initiative. p. 73.
Communist Youth League news. p. 75.
Goncharov, I. - My work with Communist Youth League memebers from a class. p. 76.
Chumakov, N.K. - Our first helpers. p. 79.
Borisov, L. - They are learning related operations. p. 82.
Kobtsev, N. - Young people on swine farms. p. 83.
Piatakov, M. - Thus authority is won. p. 86.
Spitsyn, S. - Council on everyday problems in a dormitory. p. 88.
Shevko, A. - Inspection posts. p. 90.
Kuznetsova, R. - For young mothers. p. 91.
Tiurkin, A. - Great changes. p. 92.
Follow-up on our publications. p. 92.
Volk, B., Sidorov, N. - A day in a district party committee. p. 94.
Falatov, IU. - End of a bad gang. p. 97.
Is Communist Youth League work included in the record of specialized work? p. 101.
Omarov, A. - Obsolescence of industrial equipment. p. 102.
From our propaganda work practice:
An evening of questions and answers. p. 106.
Lecture series on applied economics for young people in a plant. p. 107.
Belov, P. - Young people need knowledge in economics. p. 108.
Batorcev, K. - Socialist transformation of capitalist property in China. p. 113.
Nikolaev, Vl. - New talents in Soviet literature for children. p. 121.
Staniskain, V. - Folika Dzerzhinskii's diary and letters. p. 125.
Brief news on books. p. 127.

MOSKOVSKII PROPAGANDIST [MOSCOW PROPAGANDIST], Organ of Moskovskii komitet i Moskovskii gorodskoi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Moscow Committee and Moscow City Committee of the Communist Party of the Soviet Union]. Moscow, vol. 13, no. 8, Aug. 1956.

Table of contents translated:

Editorial: Make wider use of the experience of progressive workers. p. 3.
Demichev, P.N. - A document of great political and theoretical significance. p. 9.
Stankevich, M. - The sixth five-year plan is a giant step in solving the basic economic problem of the U.S.S.R. p. 18.
Troshev, N.I. - Great economic development of the eastern parts of the country. p. 27.
...ko, IU. - India's struggle to consolidate her ...dependence. p. 36.
...ov, V. - Party libraries prepare for the new ...ademic year. p. 45.
...sova, L. - The propagandist's words must reach ...ery worker. p. 48.
...olin, L. - The value of time. p. 53.
...rbatykh, I. - Let's use equipment efficiently in ...aping the harvest. p. 57.
...'ev, M. - Speeches of administrative personnel ...fore the workers. p. 61.
...va, K. - Crowded and not liking it... p. 64.
...nravov, V. - Artificial earth satellite. p. 68.
...ev, N. - Not connected with life. p. 73.
...ooks. p. 76.
... news. p. 79.

NARODNYI KITAI [PEOPLE'S CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign Language Press]. Peking, no. 15, Aug. 19...

Table of contents translated:

Kuo Mo-jo. - Long live the "rivalry among all scientists." p. 3.
Chiang Ming. - Technical assistance from socialist countries to China. p. 9.
Chou Hsüeh-sheng. - At the National People's Congress. p. 13.
Construction of the first tractor plant. p. 17.
Irrigation structures. p. 18.
Tu Fu Museum. p. 20.
Two new locks. p. 21.
Shen Su-ju. - Shantung Museum of Regional studies. p...
Kuan Chao-chih. - Mathematics in ancient China. p...
Cultural life. p. 32.
Brief news. p. 34.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 14, no. 3... Aug. 1956.

Table of contents translated:

The present status of Soviet-Japanese negotiations. p. 1.
The arrival in Moscow of Achmed Sukarno, Preside... of Indonesia. p. 3.
Sovremennik. - The Suez Conference and its outcom... p. 4.
Suslin, P. - Some problems of Egypt's economy. p. 8
Prudkov, O. - The United States before the elections. p. 12.
Emel'ianov, V. - The bridge to peace. p. 16.
An interview with Lambros Efiaxias and Georgios Samaras, members of the Greek parliamentary delegation. p. 19.
International notes:
A dangerous and unwise step. p. 20.
Police tyranny. p. 21.
Inviolable boundary. p. 21.
An answer to Stevenson. p. 21.
Atomic proving ground in Italy. p. 22.
The American grandfather and the Philippine gra... child. p. 22.
People and events: Karlo Lukanov, Edgar Faure; biographical notes. p. 23.
Kassis, V. - On the Yangtze. p. 24.
Solimkhanov, E. - India seeks oil. p. 28.
Letters to the editor. p. 31.
Documents: Statement by D. T. Shepilov, U.S.S.R. Foreign Minister, on the results of the London Conference. Insert.

Vol. 14, no. 37(591), Sep. 1956.

Table of contents translated:

A dangerous course. p. 1.
Sovremennik. - Results of K. E. Voroshilov's trip to Finland. p. 3.
Zvorykin, A. - Automation and the working class. p...
Baturin, A. - New economic trends in Indonesia. p. 1...
Interview with Ceylon leaders on current issues. p. 1...
Successes of the Vietnamese people; report on the exhibition of the Democratic Republic of Vietnam in Moscow. p. 15.
International notes:
Where, indeed, is the inconsistency? p. 16.
Partisans of slavery. p. 17.
The plagiarism of Herr Seebohm. p. 17.
The Suez question and military bases. p. 18.
Story of a Sudanese journalist. p. 19.
Shvoitser, A. - In Canada; travel notes. p. 21.
Afrin, G. - Kalimantan. p. 24.
Crucial question; N. Sergeeva's review of a story by the West German writer H. Böll. p. 27.
People and events: Ruslan Abdulgani; biographical notes. p. 30.
Letters to the editor. p. 30.

Vol. 14, no. 38(592), Sep. 1956.

Table of contents translated:

The Soviet Union and Indonesia. p. 1.
Sidikhmonov, V. - Great changes in China's economy. p. 3.
Lemin, I. - The British working class faces new task... p. 6.
Bochkarev, IU. - Why the Menzies mission failed. p...
Interview with Jules Moch on disarmament prospects p. 13.
History of the division of Germany; letter to the edito... from Karl Bittel, a German professor. p. 15.
International notes:
Disgrace to humanity. p. 17.
"An alliance without Asia." p. 18.
Next target - trade unions. p. 18.
Shelfworn goods. p. 20.
Success of the Leipzig Fair. p. 20.
Chienov, A. - Wonderful art of a country in the South Seas; Moscow exhibition of Indonesian art. p. 21.
Burchett, Wilfred. - Plan to harness the Danube. p...
Chernov, Z. - The First International Superhigh Frequency Electronics Congress. p. 26.
Bashirov, D. - The birth of independence ("Evacuatio... [in Arabic], Munir Tagi ed-Din). p. 29.
Letters to the editor. p. 31.
Documents: Joint Soviet-Indonesian statement. Inser...

Vol. 14, no. 40(594), Sep. 1956.

Table of contents translated:

Editorial: Greatness of the new China. p. 1.
Kuo Mo-jo. - China and the cause of peace. p. 3.
Sovremennik. - Common sense must triumph in the Suez question. p. 7.
Interviews:

Li En on Korean problems. p. 10.
Tom Driberg on Soviet Uzbekistan. p. 11.
Umanskii, D. - A free hand for the Nazis. p. 12.
Durdenevskii, V. - How Professor Guernier tried to assist Dulles. p. 14.
International notes:
Notable event. p. 17.
Mr. Blank's sword and shield. p. 17.
Clear question. p. 18.
Independence of the Gold Coast. p. 18.
One more weapon of western diplomacy. p. 19.
An exaggerated affair. p. 20.
Propaganda with an accent. p. 20.
Kassis, V. - The Chinese Communist Congress. p. 20.
Senin, I. - "Soviet - Arab friendship is as strong as Damascus steel." p. 23.
Moskalenko, L. - India's agricultural cooperatives. p. 26.
El'ianov, A. - The truth about Iranian oil; review of the book "Persian oil" [in English], by L. P. Elwell-Sutton. p. 27.
People and events: Mao Tse-tung, Liu Shao-chi, Chou En-lai, Chu Teh; biographical notes. p. 29.

Vol. 14, no. 41(595), Oct. 1956.
Table of contents translated:
Editorial: On the right road. p. 1.
Zotov, B., Semenov, I. - At a new stage. p. 3.
Pletnev, E. - Recorded dialogue. p. 7.
Khatosha, B. - Plans for "modernizing" the North Atlantic Treaty Organization. p. 10.
Nilov, IU. - Don't judge what you are not familiar with. p. 14.
International notes:
Who is out of step? p. 15.
Alarm signal. p. 16.
Strange friendship. p. 16.
Jokes and jokes. p. 17.
"Macmillan plan." p. 17.
A trite method. p. 17.
Interesting parallel. p. 18.
Ginzburg, Lev. - What is Kurt doing? p. 20.
Pavlov, D. V. - At the International Fair in Salonika. p. 24.
Knorozov, IU. - Dispute about ancient inscriptions. p. 26.
People and events: Ch'en Yun, Teng Hsiao-ping, Eugenie Cotton; biographical notes. p. 30.

Vol. 14, no. 42(596), Oct. 1956.
Table of contents translated:
The Suez problem in the Security Council. p. 1.
Nikitina, G. - National resurgence of the peoples in the Arab East. p. 3.
Modzhorian, L. - Urgent matter. p. 7.
Men'shikov, S. - Session in Sofia. p. 8.
Semenov, V. - Unequal agreement. p. 10.
International notes:
Sober opinion. p. 12.
Rebuff for Iraq Petroleum. p. 12.
The "Economist" laments lost bases. p. 13.
Shameful blot. p. 14.
In the world of fantasy. p. 14.
Rovinskii, L. - Notes on Yugoslavia. p. 10.
Denisov, I. - At the South Pole. p. 20.
Vilar, Jean. - A French director on his theater. p. 25.
Three books on disarmament. p. 27.
People and events: Jacques Duclos, Aneurin Bevin; biographical notes. p. 30.
Documents: Negotiations between the governments of the U. S. S. R. and the U. S. A. on the atomic problem. insert.

PARTIINAIA ZHIZN' [PARTY LIFE]. Published by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 14, July 1956.
Table of contents translated:
Editorial: Party education in the new academic year. p. 3.
Prokhorov, V. - Collective agreements are the basis of trade-union work in an enterprise. p. 11.
Lebedev, I. - What the experience of harvesting in two stages teaches. p. 21.
Malekhon'kov, G. - In the struggle for a large harvest on new lands. p. 30.
The training of party and soviet workers. p. 36.
"Steps have been taken..." p. 42.
Tarabrin, A. - Local soviets and increased participation by the masses. p. 45.
Belkovskii, V., Mosunov, N., Putilova, L. - Penetrating the life of trade unions. p. 51.
Markushin, E. - The main source of the Communist Youth League's strength. p. 56.
Bugaev, E. - When the scientific approach is lost. p. 62.
Bogolavlenskii, G. - Books about our land. p. 73.
Party news. p. 79.
Follow-up of material in "Partiinaia zhizn'":
On modesty and simplicity. p. 80.
Aspects of admission to party membership. p. 80.

No. 15, Aug. 1956.
Table of contents translated:
Editorial: Aspects of training personnel. p. 3.
Tazhiev, I. - Local initiative and party leadership. p. 10.
Omarov, I. - What it means to work with people. p. 17.
Goncharov, N. - Party organization in a large new project. p. 25.
Volodina, G. - A district economic conference. p. 31.
Skvirenko, B. - The role of the collective group in industrial management. p. 37.
Korshunov, I. - Faith in men. p. 45.
Pukhovskii, N. - The possibility of averting war in the present era. p. 54.
Speranskii, A. - Prospects for the economic development of Kazakhstan. p. 63.
Readers write about local publications:
Matveev, I. - "Kuznetsk Basin during the sixth five-year plan." p. 71.
Tolkachev, A. - "School of economics." p. 73.
Kuznetsov, G. - A brochure and life. p. 76.
Party life. p. 79.

No. 16, Aug. 1956.
Table of contents translated:
Editorial: Fulfill the decisions of the 20th Congress of the Communist Party of the Soviet Union with persistence. p. 3.
Results of the academic year in the party educational system and the tasks of party organizations in the new academic year. p. 10.
Pysin, K. - Improve the administrative apparatus. p. 17.
Party direction of state farms. p. 26.
Reports and travel assignments. p. 28.
Model curriculum for a two-year school of economics. p. 31.
Model plan of topics for the study of the history of the Communist Party of the Soviet Union by clubs and seminars during the 1956-1957 academic year. p. 36.
Zhukov, E. - Breakdown of the colonial system of imperialism. p. 41.
Two letters on elections in primary party organizations. p. 49.
Rysenkov, I. - Communists at machine-tractor stations delve into economics. p. 51.
Fedosiev, G. - Without essential changes. p. 57.
Vodianov, V. - Increase the responsibility of committee members. p. 61.
One-man and collective leadership in enterprises. p. 63.
Questions of admission to the party. p. 66.
When a report excludes a live message. p. 68.
It isn't really necessary to mention progressive districts. p. 69.
Koloskov, A. - Heroes of a great struggle. p. 70.
Party news. p. 70.

RUSSKII PUT' [RUSSIAN WAY]. Organ of Russkii otechestvennyi soiuz [Russian Patriotic Union]. Paris, vol. 5, nos. 74-75, Aug.-Oct. 1956.

SLAVIANE [THE SLAVS]. Organ of Slavianskii komitet SSSR [Slavic Committee of the U. S. S. R.]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
The antidemocratic campaign of West German reaction. p. 3.
Krymov, B., Riabov, I. - The people is the creator or history. p. 6.
Chistov, A. - Following the dictates of the heart. p. 11.
Onufriev, E. P. - Lenin at the time of the Prague Conference. p. 16.
Chernokolev, T. - Socialist reconstruction of agriculture in Bulgaria. p. 23.
Dudinskii, I. - On the basis of equality and friendly mutual aid. p. 28.
Interviews by our correspondents:
Shoulder to shoulder with the Russian proletariat; interview with B. Tobolski and L. Stachariczyk, veterans of the Polish revolutionary movement. p. 33.
Twelve thousand students from abroad; interview with V. I. Formashev, Head of the Section on Foreign Relations of the Ministry of Higher Education of the U. S. S. R. p. 37.
Karasov, V. - Two new autographs by Svetozar Markovic. p. 38.
Dudevskii, Kh. - Creative ties between Bulgarian and Soviet literary criticism. p. 39.
Lebedeva, D. - Treasures of Polish art are returned to Poland. p. 43.
Vesely, V. - First time in the U. S. S. R. p. 46.
Osipov, V. - Love for the Great mason. p. 50.
Misko, M. - Ludwik Waryński, founder of the first workers' party in Poland. p. 55.
Pronin, P. - Birth of a citizen. p. 58.
Dzhantoshev, K. - Attestation to fraternal relations. p. 60.
IAkub Kolas. p. 62.
Ivan Franko anniversary. p. 63.
Photographic exhibit of Bulgarian architecture. p. 63.

No. 10, Oct. 1956.
Table of contents translated:
In the struggle for 11 billion poods of grain. p. 3.
Odinokov, B. - Economic cooperation among socialist countries. p. 6.
Interviews with our correspondents:
Jagoditsch, R. - Interest in the language and culture of the Slavic peoples. p. 11.
Stender-Petersen, A. - Slavic studies in Denmark and the Skandinavian countries. p. 12.
Bartoshyk, N. - The city of Lvov is 700 years old. p. 15.
Shchekotov, P. - Afinogenov's plays on the Czechoslovak stage. p. 20.
Aleksandrov, A. - Fifty million unequal in rights. p. 22.
Buzhkevich, M. - At the first stage of the Angara cascade. p. 27.
Kireev, A., Sukantsev, A. - The bonfire of friendship; a sketch. p. 33.
Brunner, Jiri. - The "Rassvet" Collective Farm and its chairman; translated from the Czech. p. 35.
Kudrov, V. - Three thousand kilometers through Yugoslavia. p. 39.
Fedorov, P. - In Carlsbad. p. 43.
Pavlik, V. - Homecoming. p. 46.
History of Russian-Czech musical ties. p. 50.
IUrevich, Vl. - Cordial words of friendship. p. 51.
Grekov, I. - Study about people's uprisings in ancient Russia. p. 53.
Kishkin, L. - New scientific publication in Czechoslovakia. p. 56.
Kushch, Oleg. - Works of an outstanding son of the Polish people. p. 57.
Laosson, M. - A tale of the present. p. 59.
Tavzishvili, Georgii. - Characters dear to the readers' hearts. p. 60.
In memory of Svetozar Marcovic. p. 62.
Plans for chemical plants for the people's democracies. p. 62.
Polish archaeologists in the Crimea. p. 62.

UKRAINS'KE INFORMATSIINE BIURO. Biuleten' [UKRAINIAN INFORMATION BUREAU. Bulletin]. Munich, no. 8, Nov. 1956. [In Ukrainian.]

ŬZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Organ of the Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 28, no. 10, Oct. 1956. [In Uzbek.]

V ZASHCHITU MIRA [IN DEFENSE OF PEACE]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 64, Sep. 1956.
Table of contents translated:
Morgan, Claude. - Suez question. p. 1.
Davis, Harold. - Revolution in Asia. p. 9.
De la Gorce, Paul Marie. - North Africa through the eyes of a Frenchman. p. 13.
Ehrenburg, Il'ia. - Indian impressions. p. 23.
Shenila, Teddy. - Should Erik Satie be taken seriously? p. 31.
New kind of celestial energy. p. 36.
Parandowski, Jan. - Return to fairy tales. p. 41.
The Chinese capitalist. p. 50.
Eggens, J. B. - In the land of the midnight sun. p. 57.
Shvabo, Claude-Catherine. - A French girl at Kansas University. p. 65.
Barbo, Maurice. - The language of totems. p. 72.
Bertran, Juliette. - Three masters of Italian literature. p. 81.
Trilling, Ossia. - Shakespeare of Marlowe. p. 89.
Rouse, Michel. - Campaign against vaccination. p. 94.
Stefanova, Erma. - Thirty-five million rose petals make one kilogram of perfume. p. 98.

ZNAMIA ROSSII. THE BANNER OF RUSSIA. Organ of Russkaia nezavisimaia monarkhicheskaia mysl' [Russian Independent Monarchistic Thought]. New York, N. Y., no. 149, Dec. 1956.

7. [illegible]

SC

Ostapenko, D.D., Starodubskii, B.A., Sudnitsyn, IU.G. - The constitution of the Burmese Union. p.89.
Durdenevskii, V.N. - Stipulations in international treaties. p.97.
Gromakov, B.S. - The 1954 law on the control of communist activities is an instrument for the violation of the democratic rights of the American people. p.101.
Koretskii, V.M. - The Field draft. p.110.
Bogdanov, O.V. - The immunity of employees of international organizations in present-day international law. p.116.
Gel'fer, M.A. - Amendments and supplements to the criminal code of the Bulgarian People's Republic. p.121.
IU.U. - At the Vyshinskii Law Institute of the Academy of Sciences of the U.S.S.R. p.125.
Kallistratova, R.F. - At the All-Union Institute of Legal Science. p.129.
S.A. - At the Sverdlovsk Law Institute. p.132.
Akhmedov, B.A., IAnovskii, M.V., Starnik, I.B. - Academic conference of the Department of Law of the Central Asian University. p.133.
Zhelezniak, A.F. - Academic conference at the Saratov Law Institute. p.134.
Batsalov, S.B. - In the philosophy and law section of the Academy of Sciences of the Kazakh S.S.R. p.134.
Ivan Sergeevich Pereterskii; obituary. p.136.
Shifman, M.L., Mikhailovskaia, I.B. - "Material truth and legal evidence in Soviet criminal procedure." M.S. Strogovich. p.137.
Riasentsev, V.A. - "Soviet inheritance law." B.S. Antimonov, K.A.Grave. p.142.
Il'inskii, I.P. - "The constitutional system of the Polish People's Republic." A.Kh. Makhnenko. p.146.
Martinovich, I.I. - "Instituting suit in Soviet criminal procedure." R.D. Rakhunov. p.148.
Bulatov, S.R., Diukov, L.V., Masevich, M.G. - "Customary criminal law of the Kazakhs." T.M. Kul'teleev. p.151.
Luney, A.E. - A book about the visit of Chinese lawyers to the U.S.S.R. p.153.
New legal literature (March, 1956). p.155.

No. 6, 1956.
Table of contents translated:
Editorial: For genuine scientific treatment of the basic problems in the history of the Soviet state and law. p.3.
Moskalenko, G.K. - Law on government pensions in the U.S.S.R. p.12.
Shkurko, S.I. - Legal regulation of progressive piece rates in Soviet industry. p.22.
Gurvich, G.S. - Acquisition of a parliamentary majority by representatives of the working masses. p.32.
Chou Hsin-min. - Character of the People's Prosecutor's Office in the Chinese People's Republic and its tasks. p.44.
Tenenbaum, V.O. - Legal regulation of land organization within collective farms. p.52.
Nikiforov, B.S. - The criminal object in Soviet criminal law. p.60.
Al'shevskii, T.V. - Limits of judicial review of [illegible] in cassation and appellate pro-

constitutional law

international law.

trality, the right of system in the light

legality and of executive terial of

tive obligation, p.115.
Bakhrakh, D. - Increase the activity of deputies of local soviets. p.120.
V.S. - A discussion on V.I. Lisovskii's book "International Law." p.121.
N.L., P.E. - In the Law Department of Leningrad University. p.124.
Popova, V.I., and others. - "The theory of state and law." M.P. Kareva and others. p.126.
Iodkovskii, A.N. - "Law dictionary." p.130.
Gertsenzon, A.A. - "Soviet judicial statistics." S.S. Ostroumov. p.135.
Dorokhov, V.IA. - "Testimony of a witness in Soviet criminal procedure." R.D. Rakhunov. p.137.
L.M. - Second general conference of the Chinese Association of Political and Legal Sciences. p.141.
IU.P. - Conference of judges and prosecutors of the German Democratic Republic on problems in socialist legality. p.142.
Min'kovskii, G.M. - A review of the Bulgarian law journal "Socialist law" for 1955. p.144.
New legal literature in the U.S.S.R.) April-June, 1956. p.151.
Legal literature in the people's democracies; Bulgarian People's Republic (1955). p.163.
Legal literature of other foreign countries. The theory and history of state and law; 1954-1955. p.166.

## 8. EDUCATION

### a) GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Izvestiia [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Bulletin]. Moscow, no.56, 1954. Voprosy metodiki obucheniia v srednei shkole [Secondary school teaching methods].
Table of contents translated:
Foreword. p.3.
Shalev, V.F. - System of general principles and concepts based on Michurin's teachings for a school zoology course. p.5.
Samoilov, I.I. - Visual aids in the teaching of geography. p.45.
TSvetkov, L.A. - The relationship between the teaching of physics and chemistry in school. p.69.
Bakushinskii, V.N. - Analysis of physics experiments and apparatus. p.103.
Goncharov, V.L. - Results of testing an experimental textbook of algebra for the sixth grade. p.155.
Goncharov, V.L. - Analysis of control studies connected with the testing of an experimental algebra textbook for the sixth grade. p.187.

No.77, 1956. Problema rechi kak sredstva obshchenila v shkole glukhonemykh [The problem of speech as a means of communication in the deaf-mute school].
Table of contents translated:
Zykov, S.A. - The system of teaching language to deaf-mute children. p.3.
Korsunskaia, B.D. - The status of oral communication among deaf-mute students. p.20.
Zykov, S.A. - The revision of language teaching in the first-year class. p.48.
Pongil'skaia, A.F. - Development of oral communication in younger pupils in schools for deaf-mutes. p.89.
Korsunskaia, B.D. - Means of speech development in the preschool deaf-mute child. p.154.

No.78, 1956. Psikhologiia usvoeniia grammatiki, orfografii i razvitiia pis'mennoi rechi [The psychology of learning grammar, orthography, and the development of the ability to write].
Table of contents translated:
Foreword. p.3.
Orlova, A.M. - Psychological principles of the differentiation by students of the main types of a simple sentence. p.7.
Forster, N.P. - Psychology of mastering the concept of the mood of verbs. p.63.
Saburova, G.G. - Psychological features of the analysis of the grammatical forms of a foreign language while translating. p.83.
Bogoiavlenskii, D.N., Odintsova, V.N. - The role of semantic comprehension of language in mastering orthography. p.101.
Zhinkin, N.I. - Development of the written language in students of classes 3-7. p.141.

No.79, 1956. Voprosy formirovaniia proiznosheniia i razvitiia slukhovogo vospriiatiia u glukhonemykh i tugoukhikh shkol'nikov [Forming the pronunciation and developing the aural comprehension of deaf-mute and hard-of-hearing school children].
Table of contents translated:
Foreword. p.3.
Rau, F.F. - Work on pronunciation when initially teaching oral speech to deaf-mute children. p.5.
Bel'tiukov, V.I. - The pronunciation of deaf-mute and hard-of-hearing pupils in relation to their hearing ability. p.29.
Tokareva, O.A. - Making the speech of deaf-mutes more distinct by eliminating phonological defects in the pronunciation of phonemes. p.65.
Rau, F.F., Bel'tiukov, V.I. - The relative significance of the various types of phoneme pronunciation defects for the distinctness of speech by deaf-mutes. p.87.
Volkova, K.A. - Oral stress in the speech of deaf-mute pupils. p.99.
Neiman, L.V. - The condition of the auditory function in school children with defective hearing. p.133.
Neiman, L.V. - The development of aural comprehension in school children with defective hearing. p.163.

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol.17, no.9, Sep. 1956. [In Ukrainian.]
Table of contents translated:
For new success in the new academic year. p.1.
Vvedens'ka, T. - Some forms of the organization of children's work activity. p.5.
Sheiko, M. - Gymnastics and motion games in a younger group. p.10.
Aizykovych, R., Symyrenko, O. - Hygiene training contributes to the correct education of children in the family. p.17.
Somashko, IE. - Training children to be self-reliant p.20.
Abu, Z. - The significance of musical activities in preparing children for school. p.25.
Rozhkova, N. - The kindergarten and the family. p.
Vol'f, V. - Work with parents in developing children behavior. p.33.
Kolzar, B. - Organization of work with parents and the public. p.35.
Guzhva, V. - Instilling a love of and respectful attitu towards nature. p.37.
Sochyvets', I. - Kindergartens on the collective farm of Khmel'nitskiy Province. p.39.
Mitlurov, B. - Acquainting children with nature as a means of education in the family. p.42.
Bird yard. p.44.
Parkhomenko, O. - Verse. p.45.
Vertyporokh, O. - "Educational games in the kinder garten." p.46.
Calendar of nature. p.2 of cover.
Toys from nature materials. p.3 of cover.

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATIO Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow vol.29, no.9, Sep. 1956.
Table of contents translated:
More concern for the health and physical developmer of children. p.1.
Grombakh, S.M. - Basic aspects of hygiene in the kindergarten. p.7.
Lubotskaia-Rossel's, E.M. - Protecting the child's nervous system. p.12.
Kondakova, L.P. - Method for the general hardening of children. p.19.
TSimmun, V.M. - Physical training in our kindergar ten. p.21.
Korsunskaia, M.I. - Controlling the physical develo ment of children. p.25.
Leikina, M.V., Shoshina, M.M. - Raising teachers qualifications in the field of physical education. p.28.
Turovskaia, F.M. - Children's infectious diseases and their control. p.31.
Pod"iapol'skaia, A.A., Uvarova, A.V. - Teaching posture to preschool children. p.37.
O., F. - Children in a swimming pool and elementa swimming instruction. p.39.
Radina, E.I. - Some aspects of physical education i the kindergartens of the Polish People's Republic p.41.
Lebedeva, E.A. - "Teaching basic movements to preschool children." p.46.

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTUR AND EDUCATIONAL WORK]. Organ of Ministerstv kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R Moscow, vol.17, no.9, Sep. 1956.
Table of contents translated:
Davydov, L. - Siberia is the factory and granary of the state. p.2.
Romanov, I. - What an evening of questions and answers has shown us. p.14.
Olenin, V. - "Economics bulletin" in a rural club. p.15.
Olofinskii, N. - "Boks" on the stage. p.17.
Binshtok, N. - Notes on the work of a lecturer. p.1 The most important stage. p.23.
Kukarotin, V. - At Siberian youth festivals. p.28.
Nagirniak, E. - Rural carnival party. p.31.
Caps for the carnival. p.33.
Ovsiannikov, IU. - It will be in Moscow. p.35.
We should promote the cultural development of villages. p.37.
Answers to readers' questions. p.42.
Follow-up of material published in the magazine. p.43.
Boiadzhiev, I. - In a Bulgarian club. p.44.
About books. p.46.
Novakova, M. - Compare and make your conclusion p.52.
Kulik, Arnol'd. - Only daughter; a comedy. p.55.
From materini submitted for our contest. p.57.
Our calendar. p.60.
Play handball! p.62.

LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESK INSTITUT IM. A.I. GERTSENA. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Scientific Re cords]. Vol.120, 1955. Kafedra russkoi literatury [Russian Literature Department].
Table of contents translated:
Dokusov, A.M. - M.IU. Lermontov's "Masquerade p.5.
Gruzdev, A.I. - N.A. Nekrasov's narrative poem "Belinskii." p.43.
Kolosova, T.S. - From observations on N.A. Nekr sov's narrative poem "Frost, red nose." p.59.
Solov'ev, S.P. - The problem of the people's revol tion in M.E. Saltykov-Shchedrin's tales of the s half of the 1860's. p.71.
Somanova, M.L. - L.N. Tolstoi's play "The livin corpse." p.93.
Vorob'eva, Z.A. - Portrayal of the hero in M. Gor story "Konovalov." p.121.
Desnitskii, A.V. - I.A. Krylov, the author of "Th coffee grinder" and theatrical life in Tver' in t 1770's and 1780's. p.135.
Dymshits, A.L. - Romanticism in the literary wo of the young A.I. Hertzen. p.151.
Shillegodskii, S.P. - V.G. Belinskii in the strugg to extend the reading horizon of children and y p.169.

Motol'skaia, D. K. - Formation of the historical and literary views of N. G. Chernyshevskii. p. 199.
Desnitskii, A. V. - From biographical material on I. A. Krylov's parents. p. 231.
Dymshits, A. L. - "Rank and file of the proletarian order." p. 243.

LITERATURA PO PEDAGOGICHESKIM NAUKAM [LITERATURE ON THE PEDAGOGICAL SCIENCES]. Jan.-Dec. 1955. Issued by Gosudarstvennaia biblioteka po narodnomu obrazovaniiu [State Library of Public Education]. Moscow, nos. 1-4, 1955-1956.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Amendment to Article 121 of the Constitution (Basic law) of the U. S. S. R. p. 3.
Editorial: Raise the level of educational practice. p. 4.
Dzoverin, A. - Ivan Franko. p. 11.
Arsen'ev, A. - For the further development of physical culture and sports among students. p. 17.
Znamenskii, IU. - Motion pictures in the school. p. 26.
Gulidova, E., Radina, K. - Training the student body. p. 30.
Shepetov, A. - An attempt to provide study rooms. p. 36.
Egorenkov, V. - Innovations in teaching mechanical drawing. p. 42.
Nesterov, D. - Promote independent activity among Pioneers. p. 46.
Konstantinov, B. - A school's technical museum. p. 51.
Trofimov, A. - The director and the teacher. p. 53.
Novikov, I. - Account of an old schoolmistress. p. 57.
Gurkov, G. - Remarkable course of the democratic German school. p. 59.
A glance at the foreign press. p. 66.
TSyganov, N. - A successful résumé of teaching practice. p. 68.
Read it yourself and recommend it to a teacher. p. 70.
Bookshelf. p. 71.
In the Ministry of Education of the R. S. F. S. R. p. 72.
Pedagogical life of the capital. p. 74.
Congress of teachers of the Buryat-Mongolian A.S.S.R. p. 77.
Good initiative, useful deeds. p. 78.
Memorable dates. p. 79.

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 35, no. 9, Sep. 1956. [In Ukrainian.]

Table of contents translated:

Myrhorods'kyi, P. L. - Improve the guidance of national education. p. 3.
Chavdarov, S. Kh., Iryshchenko, M. M. - Urgent tasks for pedagogics. p. 11.
Balev, B. F. - School characteristics of pupils. p. 22.
Lesyk, F. L. - Studying the fundamentals of agriculture in lessons on nature study. p. 28.
Shvetsov, K. I. - Applied science instruction in mathematics lessons. p. 35.
Luk'ianenko, V. H. - More attention to manual training classes. p. 39.
Nusenbaum, O. A. - Progress of education in India. p. 42.
Kharkivs'kyi, I. - Useful for school publications about I. IA. Franko. p. 49.
Maklak, M. M., Zhozhera, F. K., IEvtushok, L. K. - "Psychology"; a textbook for pedagogical schools. p. 52.
New books. p. 55.
Zhavoronko, O. I., Sapozhnykova, E. Sh. - All-Union conference on problems of the psychology of personality. p. 58.
From the provincial "Pedagogical lectures." p. 60.
Conference of readers of pedagogical periodicals. p. 63.

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Published by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, vol. 11, no. 9, Sep. 1956.

Table of contents translated:

Nation-wide cause. p. 1.
Simson, T. - Disorders of sleep. p. 4.
Nikolaev, G. - Notes on the training of my son. p. 6.
Vinaver, V. - Vovka. p. 8.
Tul'bovich, Z. - School for the parent activist group. p. 9.
Karpov, Evgenii. - An ordinary story; a story. p. 10.
Bulgarian fairy tales. p. 13.
Anikin, A. - Prolonged schedule groups. p. 14.
Vetrova, E. - Stasik. p. 16.
IAkobson, P. - Child's feelings. p. 17.
Strel'tsova, A. - Parents are my helpers and friends. p. 19.
Mozhaiskaia, A. - Ten-years' work of the parents' committee. p. 20.
Opposition of Mars near perihelion. p. 20.
Golosovskii, Igor'. - Children's friend. p. 21.
Volgina, Tatiana. - Who will go to the meeting? p. 23.
Moskvina, L. - False love. p. 24.
Homework for preschool children. p. 25.
Readers' letters. p. 27.
Prizant, M. - Adenoids and nasal polyps in children. p. 29.
Leisure hours. p. 30.
Savshenko, G. - First day in the first grade. p. 31.
Orlova, E. - Home theater. p. 32.
Liubimova, E. - Members of the parents' association in Moskvoretskii District. p. 35.
Preserving for winter. p. 36.

Vol. 11, no. 10, Oct. 1956.

Table of contents translated:

All school-age children, to your desks! p. 1.
Rubinshtein, S. IA. - How to form a habit (continuation). p. 4.
Mikhailova, V. - They will have their own families. p. 7.
Deviatka, D. - Pure air is the guarantee of health. p. 10.
Kuzovnikov, A. - Harmonica. p. 11.
Petrova, L. - Eugenie Cotton. p. 13.
Levshin, A. - When the parents are not home. p. 14.
Usmanov, M. - My family. p. 16.
Treasures of Siberia and the Far East. p. 17.
Dobriakov, V. - The boy from N Street. p. 19.
Home training of the deaf child. p. 22.
Readers' letters. p. 24.
Polozova, T. - Uneven verse. p. 26.
Aid for parents. p. 27.
Grudtsova, O. - The talent of Arkadii Gaidar. p. 28.
Chel'tsov, A. - In October. p. 30.
Blokhin, V. - Flat-footedness. p. 31.
Bykov, B. - Garden in the room. p. 33.
Useful advice. p. 35.
Seminar of the chairmen of parents' committees. p. 35.
Cooking for children. p. 36.
In leisure hours. p. 36.

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, vol. 20, no. 8, Aug. 1956.

Table of contents translated:

Study the child profoundly and comprehensively. p. 3.
Rozenberg, M. I. - The systematic orientation of older students to work in industries. p. 10.
Shaporinskii, S. A. - Study of the technical principles of industrial production on the basis of one enterprise. p. 26.
Abramov, N. A. - Familiarizing older students with the building trade. p. 38.
Boskis, R. M. - Education of children with defective hearing in regular schools. p. 43.
Medynskii, E. N. - The principle of education in conformity with nature in the history of pedagogy. p. 52.
Arkhangel'skii, S. I. - Educational films in higher pedagogical education. p. 68.
Sokolova, M. A. - Tenth anniversary of the periodical "Pädagogik." p. 78.
Konstantinov, N. A., Piskunov, A. I. - Study on a great Slavic educator [in German]. p. 87.
Lia, V. I., Plotnikov, P. I., Titkov, P. V. - The great defects of a manual. p. 96.
Dmitriev, G. P. "Aspects of school administration." p. 106.
Kholkhin, M. I. - A needed series. p. 109.
New books. p. 112.
In the Ministry of Education of the U. S. F. S. R. p. 115.
An All-Russian conference on public education. p. 155.
Improve the teaching of Russian in non-Russian schools. p. 118.
In the Academy of Pedagogical Sciences of the R. S. F. S. R. p. 120.
Academic conference in the Institute of Defectology of the Academy of Pedagogical Sciences of the R. S. F. S. R. p. 120.
Conference on aspects of the psychology of personality. p. 123.
Conference on the theoretical and practical aspects of educational work in the school. p. 126.
In the Adyge Autonomous Province. p. 126.
In the Museum of J. A. Comenius. p. 128.

Vol. 20, no. 9, Sep. 1956.

Table of contents translated:

Overcome the effects of the cult of the individual in education. p. 3.
Kinkul'kin, A. T., Moldavskaia, N. D., Prokof'ev, N. I. - Overcome the effects of the cult of the individual in the teaching of history and literature in the school. p. 19.
Sharov, IU. V. - The aesthetic outlook of students. p. 31.
Apraksina, O. A., Vetlugina, N. A. - The status and tasks of music training in the school. p. 46.
Labunskaia, O. V. - Exhibitions of children's pictorial art. p. 59.
Fomichev, A. P. - Children's artistic activity and the tasks of guiding it. p. 67.
Pratusevich, IU. M. - The physiological basis for standardizing the schoolwork of students. p. 75.
Chavdarov, S. Kh. - The pedagogical views of I. IA. Franko. p. 80.
Mikel'son, R. M. - Work training experiment in the P. N. Lepeshinskii School-Commune of the People's Commissariat of Education. p. 93.
Marachev, N. N. - Practical training of future history teachers. p. 100.
Stanolis, Ch. - The system of future prospects in the educational practice of the J. H. Pestalozzi School. p. 103.
Eremina, E. P. - "Selected educational works" by N. K. Krupskaia. p. 118.
Ukrainian republic academic conference to share experiences in the field of technical education. p. 124.
In the Ministry of Education of the R. S. F. S. R.: Eliminate the overloading of students. p. 127.

Vol. 20, no. 10, Oct. 1956.

Table of contents translated:

IAkovlev, V. G. - The physical training of students is the general responsibility of the entire educational staff. p. 3.
Cherevkov, M. A. - Visual aids in teaching motions to pupils. p. 12.
Kolesova, A. M. - The individual approach to students in school instruction and training. p. 24.
Panfilova, T. S. - The impact of the student body on the training of individual students. p. 36.
Antipin, A. N. - Some aspects of shaping group opinion among students. p. 44.
Nikiforova, V. G. - The role of the student committee in enhancing students' progress and self-discipline. p. 52.
Sheiko, V. V. - Preparation of homework assignments in a boarding school. p. 58.
Frumov, S. A. - Problems in training dismissed at the Genova Congress of the First International. p. 67.
Danilov, M. A. - Teaching methods in the Soviet school. p. 87.
Arot, A. IA. - For working out a method of teaching specific moral qualities. p. 102.
Savin, N. V. - Theory of training in a course in pedagogy. p. 104.
Khlestov, A. V. - Training teachers of drawing, mechanical drawing, and manual training for technical schools. p. 109.
The First International Conference on Pedagogical Research. p. 118.
New books. p. 122.
Research activity of the pedagogical institutes. p. 124.
All-Russian conference on physical training in the school. p. 126.

SOVETSKII SHKOL'NIK [THE SOVIET SCHOOLBOY]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and Ministerstvo prosveshchenila R. S. F. S. R. [Central Committee of the All-Union Communist Youth League of Lenin, and of the Ministry of Education of the R. S. F. S. R.]. (In Braille). Moscow, vol. 20, no. 11, Nov. 1956.

SREDNEE SPETSIAL'NOE OBRAZOVANIA [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U. S. S. R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Priority tasks in the new academic year. p. 3.
Sivkov, F. IA. - How we are carrying out the decisions of the 20th Congress of the Communist Party of the Soviet Union. p. 7.
Portnov, IA. L. - Developing a feeling for new experience in the teaching process. p. 13.
Kirichenko, A. M. - Make full use of the lesson time. p. 18.
Dubinin, A. P. - Our practice of evaluating progress on a current basis. p. 21.
Mostovoi, A. S. - Oral questioning. p. 25.
Antonov, A. A. - The role of grading. p. 28.
Itskovich, G. M., Kuz'min, L. M. - Some phases of teaching statics. p. 31.
Slavskii, P. I. - Organizing the work of a commission on specialized subjects. p. 43.
Volchkova, M. S., Gorovaia, N. P. - The organized forms of education by correspondence. p. 46.
Spektor, N. L. - For a growth in cooperation in the training of engineers. p. 50.
Samokhotskii, A. I., Rodin, B. I. - Scientific and technical conference on applied economics. p. 51.
Zil'berman, A. - First steps in revising the teaching of foreign languages. p. 54.
Mel'nikov, D. I. - Merits and defects of a teaching manual. p. 56.
L'vov, S. N. - Write a satisfactory textbook on organizing the care of railroad cars. p. 59.
How the plan for the publication of textbooks is being carried out. p. 60.
In the Ministry of Higher Education of the U. S. S. R. p. 64.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER LEARNING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, vol. 14, no. 9, Sep. 1956.

Table of contents translated:

Organize higher education practice more boldly. p. 1.
Filonenko-Borodich, M. M. - The scope and content

of a course in "Strength of materials." p. 6.
Markedly improve the economic training of specialists:
Shershov, S. F. - Promote the collaboration of teachers in various fields. p. 11.
Berkov, E. A., Nogin, V. V. - Pay more attention to the economic aspects of diploma projects; remarks by members of the State Examination Commission. p. 14.
Krassovskii, A. P. - Course projects in industrial economics and organization. p. 17.
Lebedinskii, N. F. - A department of political economy organizes its instruction along new lines. p. 19.
Vilenskaia, S. K. - Some aspects of university library work. p. 21.
Moiseev, S. - Scientific expeditions of Moscow University. p. 27.
Bogoroditskii, N. P. - Intercollege conference on the present-day technology of dielectrics and semiconductors. p. 33.
Morozov, N. S., Zherebilov, V. M. - Calculating the cost of collective farm production. p. 35.
Makhova, E. S. - Bring about methodical and scientific practice in physical education departments. p. 38.
Practice and proposals:
Babkov, V. V., Vaitsenfel'd, I. L., Ageev, I. V. - Equipping a laboratory with the resources of a department. p. 40.
Khomchenko, G. P. - The semimicro method in the teaching of general chemistry. p. 42.
Improving the economic training of students in technical schools. p. 43.
New system of awarding scholarships to students. p. 44.
Davydov, B. L. - The Peking Mining Institute. p. 45.
Organizing a teaching reform in China's institutions of higher learning. p. 47.
Musabekov, IU. S. - Mikhail Ivanovich Konovalov. p. 48.
Vaisberg, N. S., and others. - Build a textbook literature on the economic aspects of various fields. p. 53.
Reblinder, P. A. - General chemistry; outline manual. p. 55.
Paziuk, L. I. - Practical recommendations for the national economy. p. 57.
New publications by institutions of higher learning. p. 58.
Kabol'skii, I. M. - Are the higher educational institutions training machine-building engineers with a wide background? p. 60.
Chikvinadze, G. Z. - The teaching of the course on tractors must be revised. p. 61.
Bil'novich, A. A. - An agronomist must know more about the electrification of agriculture. p. 62.
Brief news. p. 63.

VSEMIRNYE STUDENCHESKIE NOVOSTI [WORLD STUDENT NEWS]. Issued by Mezhdunarodnyi soiuz studentov [International Student Association]. Moscow, vol. 10, no. 8, Aug. 1956.

Table of contents translated:
Reader's page. p. 1.
Meana, Carlo. - Buffalo or new clothes. p. 3.
Richman, Jeff. - A day at Oxford. p. 5.
Schneider, Gerhard. - Monday, May 7. p. 6.
Khaidar, Sanat. - A day in the life of an Indian student. p. 7.
Waterman, Peter. - Student Sunday in Prague. p. 8.
Love at first sight and marriage. p. 9.
How to achieve unity. p. 11.
Unity. p. 12.
New thoughts of a Sherlock Holmes. p. 12.
Nag, Martin. - Festival; challenge or answer? p. 13.
Salazar, Manuel. - Sculptural painting. p. 14.
Is this the road toward unity? p. 16.
Shveigeimer, V. - Electronic machine translates. p. 18.
p. 18.
Onishi, Iiza. - Kur-ate. p. 19.
K. M. - A poet's life. p. 22.
Polikan, Iri. - Trip to Sudan. p. 23.
Flood in Kediri. p. 25.
Students are expelled from colleges. p. 26.
Creation of the Committee of Youth Organizations of the U. S. S. R. p. 27.
Machine guns in the university. p. 27.
Waterman, Peter. - What's now? p. 28.

b) PHYSICAL EDUCATION & GAMES

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 26, no. 9, 1956.

Table of contents translated:
Toward new successes. p. 2.
Comments of guests of the Spartakiada. p. 3.
Petrusenko, V. - They established world records. p. 6.
Borisov, I. - A good request. p. 7.
Dolgopiatov, G. - Birth of a world record. p. 8.
Borodina, L. - After the third attempt. p. 9.
This is not the limit. p. 10.
Kosvintsev, B. - Joint victory. p. 10.
IAkovlev, L. - More such masters. p. 11.
Zaitsev, N. - "Difficult class." p. 12.
Shvytov, N. - National relay race. p. 13.
Khait, G. - From the banks of the Irtysh. p. 14.
TSvetkov, K. - Moscow-born champion of Kazakhstan. p. 15.
Tikhii, G. - Junior police sergeant. p. 15.
Latyshev, N. - Notes of a soccer referee. p. 16.
Pashinin, V. - Usual surprise. p. 17.
Zotov, V. - Here youth shall bloom. p. 18.
Dalredzhiev, Vs. - The great ring. p. 22.
Koledov won our prize. p. 23.
Laptov, A. - At the volleyball net. p. 24.
Geography of the Spartakiada. p. 25.
N. T. - "Three musketeers." p. 27.
Galitskii, A. - New and old names. p. 28.
Rogachev, I. - In kayaks and canoes. p. 29.
Van'kov, A. - Youth speaks. p. 30.
Demidenko, Taisiia. - More energy, accuracy, and boldness. p. 32.
Motely facts. p. 33.
Vilara, R. - New generation is growing. p. 34.
Petrov, S. - From the history of Olympic games. p. 35.
Taylor, Lilian. - First and largest. p. 36.
Mikhailov, M. - Fresh tracks. p. 38.
Simbirtsev, D. - Gifts. p. 40.

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, no. 8(14), Aug. 1956.

Table of contents translated:
Editorial: All-Union sports review. p. 1.
Ionov, D. - Planning athletic training. p. 5.
Plaksenko, L. - What the motion-picture records tell us. p. 9.
Savdunin, S. - Athletic school of "Spartak." p. 12.
Pukirov, V. - One shouldn't forget the main problem. p. 13.
Napukh, N. - Twenty-fifth anniversary of the plant section. p. 14.
Shtanger, I. - School children win the relay race. p. 16.
Petrusenko, V. - Meeting of friendship. Traditional contests between the U.S.S.R. and Great Britain. p. 18.
New masters of sport. p. 21.
Shvetsov, G. - Competition between shop teams. p. 22.
Ten best track athletes of the U.S.S.R. on August 1, 1956. p. 22.
Smitsin, M. - Weather in the stadium. p. 24.
International meets of Soviet track athletes. p. 25.
A. da Silva's path to world records. p. 28.
Candidates for Olympic medals. p. 30.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 2, no. 6, June 1956.

Table of contents translated:
Galitskii, A., Frolov, V. - There were a hundred-thousand people; notes from the Spartakiada of the Turkmen S.S.R. p. 2.
Days of intense training. p. 5.
D'iachkov, I. - Tradition obliges. p. 7.
Bibikov, N. - Soccer starts in the stands. p. 8.
Records in gorodki. p. 10.
Dubinin, V. - Breaking "concrete." p. 11.
Kachalin, G. - For an effective attack; first round results of the U.S.S.R. soccer championship. p. 13.
Soccer championship of the U.S.S.R.; first round results in class "A". p. 15.
May is the soccer and hockey season. p. 16.
Bazhanov, IU., Novokreshchenov, A. - Forge future victories; results of the U.S.S.R. hockey championship. p. 18.
Hockey championship of the U.S.S.R.; results in class "A". p. 20.
Ivakhin, E. - Most popular game; field handball with a team of seven in the Ukraine. p. 21.
Vasil'eva, V. - Ability to see the field. p. 23.
Frenkin, A. - The importance of the ball in play. p. 24.
Shramkov, I. - What kind of racket to use? p. 25.
Before the Olympic games:
Hungarians prepare for the return match. p. 27
Who will contend for the victory in Melbourne. p. 28.
Journey of the Olympic torch. p. 28.
Vladimirov, V. - Soccer championships of European countries. p. 29.
The best of the best. p. 32.
In the All-Union Committee. p. 32.
Score 5-1. p. 32.

Vol. 2, no. 7, July 1956.

Table of contents translated:
Zaslavskii, M. - Forward movement. p. 2.
Arkad'ev, D. - In the country of mountain ranges. p. 6.
Pashinin, V. - One can play everywhere. p. 8.
Antipenok, V. - General test. p. 11.
Bessonov, S. - Road to the summit of mastery. p. 12.
Korolev, N. - The most important thing. p. 14.
Kollegorskii, V. - Appreciable improvement. p. 15.
Fomin, K. - Be more daring and energetic. p. 16.
Spandarian, S., Teterina, V. - Unity and friendship. p. 17.
Potashnik, A. - Beginning of the development of volleyball. p. 17.
Bagon, IU. - New tactics of the Ukrainian all-star volleyball team. p. 18.
Tepliakova, N. - Youth is our hope. p. 19.
Mass, K. - Youth shall win. p. 19.
Chernov, G. - Friends and companions. p. 20.
Anneau, Gabriel. - New stage in the development of soccer; play with four defenders. p. 21.
Rasskazov, N. - Visiting Czechoslovak soccer players. p. 24.
Technique of the best players; filmstrips on tennis tactics. p. 24.
Kostin, V. - Victory in the match among the best players; notes on the woman's basketball championship of Europe. p. 25.
Soccer championships of European countries. p. 26.
The best of the best. p. 32.
In the All-Union Committee. p. 32.
International meets. p. 32.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sports, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 19, no. 8, 1956.

Table of contents translated:
Editorial: For improvement in the physical training of school children. p. 561.
Brusilovskii, M. B. - From the history of sports tournaments in Kazakhstan. p. 566.
Goliantskii, A. P. - Results of the world championship matches in fencing in 1955. p. 573.
Sorokin, V. F. - Analyzing classic rowing technique. p. 581.
Kistukhin, V. A. - Some problems in defining modern crawl technique. p. 588.
Musastikov, Sh. N. - Exercises with an additional resistance for training swimmers. p. 594.
Sarkizov-Serazini, I. M., and others. - Efficient massage of gymnasts and weight lifters. p. 598.
Ponomarev, M. F. - Time of a primary motor reaction and its components in athletes. p. 607.
Work of the best rural physical culture groups. p. 614.
Smirnov, K. M., Zimnitskata, L. P., Skliarchik, E. L. - E. L. - So-called early specialization in training adolescents in swimming. p. 616.
Tutevich, V. N. - The mechanism of the push-off. p. 620.
Vanis, E. - Development of mountaineering in Austria from 1946 to 1956. p. 623.
Swiss mountaineers have conquered the "King of Mountains" twice. p. 626.
Borisova, N. - Italian specialists on modern soccer tactics. p. 630.
Kaltmazova, E. N. - Early athletic specialization abroad. p. 632.
Popova, K. V. - Plenum of the Scientific and Methodological Council on problems of physiology. p. 636.
Educational methodology conference of physical culture trainers. p. 637.
Improving the quality of dissertations on physical culture and sports. p. 639.

## 9. MUSIC, THEATER & MOTION PICTURES

a) MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz sovetskikh pisatelei SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, no. 7, July 1956.

Table of contents translated:
A higher standard of craftsmanship for documentary motion-pictures. p. 3.
Ognev, V. - Concerning contemporaneity. p. 10.
Khanlutin, IU. - The artist decides. p. 21.
Arkhangel'skii, S., Kubcev, B. - Educational and scientific cinematography in higher education. p. 31.
Abbas, A., Smirnova, M. - Afanasii Nikitin. p. 34.
Avenarius, G. - English cinematography and its master Alexander Korda. p. 92.
Moskovskii, P. - New developments in Czechoslovak motion pictures. p. 102.
"New film week" in the Chinese People's Republic. p. 106.
From everywhere. p. 106.
First festival of Yugoslav motion pictures in the U. S. S. R. p. 107.
In the U. S. S. R. Ministry of Culture. p. 110.
In memory of a screen artist. p. 113.
Lectures on the history of motion pictures. p. 115.
In the Motion-Picture Section of the Home of Scholars of the Academy of Sciences of the U. S. S. R. p. 115.
In a few lines. p. 116.
The cycle of motion-picture festivals entitled "Masters of Soviet cinematography." p. 116.
In the export section. p. 117.

In the Home of Motion Pictures. p.116.
Humor. p.118.
Calendar of the history of motion pictures. p.121.
New motion pictures. p.123.

No. 8, Aug. 1956.
Table of contents translated:
Velekhova, N. - More about high artistic value. p.3.
Macherot, A. - Originality of craftsmanship. p.14.
Nikitchenko, I. and V. - Why the art of blended photography has been forgotten. p.29.
Khikmet, Nazym, Begicheva, Anna. - He shall live on. p.33.
Pietrovskii, K. - The specific nature of the subject in cinema. p.73.
Vents, K. - Works of future cameramen submitted for diploma. p.87.
Chakhir'ian, Gr. - Seventy years of artistic activity. p.95.
Kalashnikov, A. - Cannes, 1956. p.100.
Kokoreva, I. - First Soviet motion-picture festival in Belgium. p.108.
DEFA studio in its anniversary year. p.112.
Rumanian periodical "Film." p.113.
From everywhere. p.112.
Week of Belgian motion pictures. p.114.
In the Writers Association of the U.S.S.R.; motion-picture review in newspapers and periodicals. p.114.
Discussing the scenarios of "Life wins" and "Northern rainbow." p.116.
In the House of Cinema. p.117.
The all-Union contest for the best scenario has been prolonged. p.117.
In a few lines. p.118.
Discussion of screen projects. p.118.
In the planning department of the "Diafil'm" Plant. p.119.
In the planning department of the Central Studio of Documentary Motion Pictures. p.120.
Motion pictures for television. p.120.
A word from the spectator. p.120.
Literature on cinema at the exhibition of French books and drawings. p.122.
New films. p.123.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 9, Aug. 1956.
Table of contents translated:
City movie theaters. p.1.
Budrikas, I. - Half a century in a projection room. p.4.
Larkin, V. - On the road again... p.5.
Kiis, G. - He will keep his word. p.6.
Kazakov, L. - An excellent specialist. p.6.
Muminov, Sh. - Motion-picture operator Bakt Shapirov. p.7.
Briantsev, N. - To Alpine pastures. p.8.
Pugach, V., Tikhonov, G. - Discover new resources. p.9.
Kolobov, M. - Attention to the audience determines the success of the showing. p.10.
Kuznetsov, S. - Young movie actors. p.11.
Shirokov, R. - Making motion pictures available to the populace in the Czechoslovak Republic. p.15.
Zaionts, M. - New instructions on handling tickets in cinema circuits. p.20.
Pervov, A. - Technical equipment for rural stationary motion-picture installations. p.22.
Overin, V. - Automatic reels. p.24.
Korovkin, V., Fridman, I. - Film rental offices' equipment for the sixth five-year plan. p.27.
Ovchinnikov, A. - Be careful with 16 mm. film copies. p.31.
Suggestions for improvements. p.32.
Bykov, S. - Film showing for the deaf-mute and blind. p.39.
Shor, I. - More about ethyl gasoline. p.40.
A new base for motion-picture film. p.42.
General-purpose shutter. p.43.
"For the rule of the Soviets." p.45.
"The path of thunder." p.46.
"The road of truth." p.46.
"A crazy day." p.47.
"The flame of wrath." p.47.

No. 9, Sep. 1956.
Table of contents translated:
Give the public a higher quality of film showings. p.1
Pavlov, IA. - A modest workman. p.4.
Vas'kov, A. - The best motion-picture operator in the Maritime Territory. p.5.
Krechek, IA. - An active propagandist of the motion-picture art. p.7.
Torbin, M. - Eliminate defects. p.9.
Mikhailov, A. - Narrow-width films for school showing. p.10.
Mikhailov, I. - "October." p.11.
Filanovskii, IU. - A reconstructed motion-picture theater. p.12.
Readers' letters. p.13.
Bisikalov, A. - Bring equipment up to date in motion-picture circuits. p.15.
Bruskin, D. - Daylight motion pictures with indirect projection onto the back of the screen. p.17.
Zarshchikov, N. - Promote more extensive use of daylight motion-picture projection. p.24.
Nazarov, V. - Use of a photographic objective in connection with indirect motion-picture projection onto the back of the screen. p.25.
Equip portable motion-picture projectors with good projector lamp sockets. p.26.
Klochkov, V. - Film storage cabinets. p.26.
Semykin, V. - Let's have more motion pictures recorded on narrow film. p.23.
Take care of equipment and film copies! p.27.
Mikheev, V. - Use the pictureless film ends of films copied from film releases. p.28.
Khokhlov, D. - Housing for an electric power station. p.29.
Muliar, A. - Pay attention to supplies issued by film release bureaus. p.30.
Message from workers of Rostov motion-picture equipment repair workshops to workers, engineers, technicians, and officials of the Saratov and Rostov motion-picture equipment factories. p.31.
Answer of the Saratov factory. p.32.
Sidorov, A. - Teaching aids in the Saratov School for Motion-Picture Operators. p.33.
Efficiency suggestions. p.37.
Karal'nik, A. - Motion-picture apparatus at the Milan International Fair. p.39.
"There is such a lad." p.45.
"The bonfire of immortality." p.46.
"The girls planted flax." p.46.
"Because of honor." p.47.
"The gray brigand." p.47.

b) MUSIC

MEZHDUNARODNAIA KNIGA. Muzykal'naia literatura. Katalog dlia zakazov [Musical Literature. Order katalog]. Moscow, no. 22, 1956.

c) THEATER

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz sovetskikh pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 17, no. 8, Aug. 1956.
Table of contents translated:
Aleshin, S. - A woman alone; a drama in four acts and eight scenes. p.3.
Georgievskii, G. - New horizons. p.46.
Simonov, Ruben. - Theaters of "experience" and "representation." p.57.
Borshchagovskii, A. - Labor of a lifetime. p.63.
Rudnitskii, K. - Our play. p.70.
Zorin, M. - Festival of four republics; Baltic theatrical spring. p.79.
Alianskii, IUr. - Far and near; notes on the Tuva National Theater. p.87.
Borovoi, L. - The journal "Mystetstvo" in the theatrical life of the Ukraine. p.97.
Papernyi, Z. - Genia and Sonia; a literary parody. p.103.
Moscow and Leningrad premieres: "Francesca Da Rimini," "Second wind," "The deceased gentleman," "Eternally living." p.110.
New plays:
Hikmet, Nazim. - "Did Ivan Ivanovich exist"? p.117.
German, IUrii. - "Behind prison walls." p.118.
De Filippo, Eduardo. - "A lie with long legs." p.119.
Plays by dramatists of the fraternal republics. p.121.
Local news: Cheboksary, Stalingrad, Archangel, Sovetskaya Gavan', p.122.
Performances and comments: "Years gone by," "Forever," "Fatima," "Cruel lesson," "Friendship. p.127.
Remarks from a notebook: Forgotten source, Second vocation, Wild statements, Nothing is eternal, Example! Lethargic sleep. p.131.
Acting triumphs:
B. Voronkova as Nastia Kovshova. p.136.
N. Trofimov as Fikusov. p.137.
Z. Dekhtiareva as Liudmila Kriazheva. p.139.
Pogodin, N. - At Yugoslav performances. p.140.
Finci, Eli. - Marin Drzic. p.146.
Our interviews with Velibor Gligoric, Tomislav Tanhover, and Mata Milosevic. p.148.
Publication: Branislav Nusic's ten commandments. p.150.
Sechin, V. - A poem about the fate of a people. p.152.
Braginskii, A. - In the struggle for Frank Harding; a new play by Georges Soria on the Paris stage. p.163.
Theaters of the world. p.166.
Ten-day festival of Armenian art and literature. p.170.
Moscow theaters during the new season. p.171.
Your new play? p.174.
New performers at the Art Theater. p.175.
Plays staged as degree requirements. p.176.
Organize foreign language groups. p.178.
Guest performances. p.178.
Literature and art of France. p.179.
Masters of "evil spirits." p.180.
In a new theater. p.182.
The almanac "Theatrical Moscow." p.182.
Concerts by Anna Guzik. p.183.
Among French books. p.184.
Defense of dissertations. p.186.
Conference of readers of "Teatr." p.186.
In honor of IA. O. Maliutin. p.187.
Todrija, N. - Aleksandr Blok. p.188.
Shtein, A. - Federico Garcia Lorca. p.190.
Commemorative dates. p.191.

Vol. 17, no. 9, Sep. 1956.
Table of contents translated:
Musienko, Mikhail. - Listen, comrade descendants; a tragedy in four acts and six scenes. p.4.
Volodin, Aleksandr. - Factory girl; a play in four acts and seven scenes. p.40.
Zak, A., Kuznetsov, I. - Grown-up children; a drama in four acts. p.85.
Solov'eva, Inna. - The seeker makes his way. p.132.
Moscow and Leningrad premieres:
"The devil's disciple." p.145.
"The story of a drummer." p.146.
"Doctor of philosophy." p.146.
Local news: Lvov, Khabarovsk, Cheboksary, Tashkent. p.151.
Performances and comments:
"Mashen'ka." p.155.
"Dense forest." p.155.
"Let us remember, comrades." p.160.
"Nikita Vershinin." p.156.
"Uncle Vanya." p.157.
"On Baikal." p.157.
Remarks from a notebook:
Regardless of roles. p.159.
The setting isn't good. p.159.
What do you know about the new play? p.159.
Unclean hands. p.160.
Acting successes:
G. Khaplanov as Aleksandr. p.161.
O. IAnkovskaia as Nurk. p.162.
Triolet, Elsa. - Jean Villar. p.164.
Theaters of the world. p.170.
A review of youth's work. p.176.
Your new play. p.177.
From rehearsal halls. p.178.
Young Leningrad dramatists. p.179.
Performances for degrees. p.180.
The first in the Ukraine. p.182.
Three days in Shchelykovo. p.183.
Birthday of a stage-director. p.187.
Vsevolodskii-Gerngross, V. - Two centuries of the Russian theater. p.188.
Commemorative dates. p.192.

## 10. FINE ARTS

a) GENERAL

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR and Orgkomitet Soiuza sovetskikh khudozhnikov SSSR [Ministry of Culture of the U.S.S.R. and of the Organizational Committee of the Association of Soviet Artists of the U.S.S.R.]. Moscow, vol. 19, no. 5, 1956.
Table of contents translated:
Fedorov-Davydov, A. - Soviet landscape painting. p.3.
Il'in, M. - Disputes about applied art. p.7.
Temerin, S. - Problems of applied and decorative art. p.8.
Neiman, M. - Sculptured portraits. p.12.
Morozov, K. - All-Union exhibition of paintings submitted for diploma in 1955. p.16.
Sitnik, K. - Martiros Sar'ian's paintings. p.24.
Kamenskii, A. - Diversity of creative searchings. p.31.
Sternin, G. - E.A. Kibrik. p.42.
Kozlov, A. - I.V.Titkov. p.45.
Korotskii, V. - A.A.Kokorekin. p.47.
Dmitrieva, N. - Aleksandr Ivanov's biblical sketches; on the artist's 150th birthday. p.50.
Alpatov, M. - History and legend in Italian Renaissance paintings. p.61.
Sidorov, A. - Monograph about a Negro artist. p.69.
Bartulin, N. - Book about Russian fabrics. p.71.
Through the pages of foreign magazines. p.73.
In the Soviet Union. p.76.
Foreign art. p.79.
New books. p.3 of cover.

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erivan, no. 5, 1956. [In Armenian.]
Table of contents translated:
Isaakian, Avetik. - Good luck. p.3.
Lavrovskii, Leonid. - Welcome. p.5.
Ter-Oganesian, Aram. - Art imposes obligations. p.6.
Tavrizian, Mikael. - Our youth. p.10.
Sud'binin, Stepan. - Our duty. p.12.
Tovmasian, Zhanna. - The honor of the artist is the honor of the theater. p.14.
Altunian, Tatul. - Reflections. p.16.
Zardarian, Ovanes. - Following the example of masters. p.18.
Karagiulian, E. - Aram Khachaturian's symphonies and Armenian folk music. p.22.
Dantchian, Suren. - The Armenian Theater Studio in Moscow. p.26.
Brutian, TSitsilia. - Shara Talian, master of the Armenian song. p.34.
Ter-Govondian, Anushavan. - The 30th anniversary of our symphony orchestra. p.39.
Kazarian, M. - Armenian artist in the Moscow Art

Table of contents translated:
Vinogradov, V. V. - History of lexicology. p. 3.
Asmangulian, A. A. - The various types of etymological connections between related languages. p. 29.
L'vov, A. S. - From lexicological research. p. 45.
Kotkov, S. I. - Some more material on "zegzitsa" in Old Russian. p. 81.
Borkovskii, V. I. - Compound coordinated sentences in Old Russian documents. p. 84.
Kuz'mina, I. B., Nemchenko, E. V. - Syntactical phenomena in the dialects of the southwestern and central provinces west of Moscow. p. 107.
Khlebnikova-Prokopovich, E. N. - Verb formations by means of prefixes in documents of Russian literature in the second half of the 17th century. p. 130.
Arutiunova, N. D. - Compound nouns of the type "el guardabosque" in modern Spanish. p. 156.

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Linguistics. Transactions]. Moscow, vol. 6, 1956.
Table of contents translated:
From the editor. p. 3.
TSukerman, I. I. - Grammatical outline of the Kurdish language. p. 5.
Sokolov, S. N. - Grammatical outline of the language of the Baluchis in the Soviet Union. p. 57.
Zav'ialova, V. I. - New knowledge in the phonetics of the Iranian languages; Gilan and Mazanderan languages. p. 92.
Pakhalina, T. N. - Ishkashmi conversational texts. p. 113.
Bogorad, IU. I. - Rog dialects of the Tajik language. p. 133.
Rozenfel'd, A. Z. - Darvaza dialects of the Tajik language. p. 196.
Rozenfel'd, A. Z. - Pamir-Tajik linguistic relations. p. 273.
Ivanova, S. IU. - Materials on the Pendzhikent dialect of the Tajik language. p. 291.
Miller, B. V. - Examples of the dialect of the Kurds of Soviet Azerbaijan. p. 343.
Ovchinnikova, I. K. - Functions of the postpositive pa(i ) in modern literary Persian. p. 356.
Ovchinnikova, I. K. - Use of the postpositive pa(i ) in the works by classic Tajik and Persian authors (11th-15th centuries). p. 392.
Abaev, V. I. - Imitative words in the Ossetic language. p. 409.
Abaev, V. I. - Parallelisms in Ossetic speech. p. 420.
Abaev, V. I. - Some Ossetic elements in Georgian. p. 437.
Abaev, V. I. - Etymological notes. p. 442.
Kaufman, K. V. - Some aspects of the history of the Sogdian language. p. 459.
Tiurin, V. O. - Determining the meaning of social and economic terms of the Behistun inscription. p. 490.

DIALEKTOLOHICHNYI BIULETEN' [DIALECTOLOGICAL BULLETIN]. Issued by Instytut movoznavstva Akademii nauk Ukrains'koi RSR [Institute of Linguistics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 5, 1955. [In Ukrainian.]
Table of contents translated:
Prystupa, P. I. - Hard and soft consonants before "I" in Ukrainian. p. 3.
Vashchenko, V. S. - Verb forms in modern Poltava dialects. p. 9.
Varchenko, I. O. - The sounds "y-i" in the western dialects of Poltava Province. p. 15.
Lysenko, P. S. - Lexical features of the dialects of Slavishche District, Kiev Province. p. 31.
Zhyiko, F. T. - Southern Chernigov dialects which are transitional to those of Poltava (Bobrovitsa and Novaya Basan' Districts, Chernigov Province). p. 46.
Dzendzelivs'kyi, I. O. - Study of the syntax of Ukrainian dialects of the lower Dniester Valley. p. 59.
Kostiantyn Mykhailovych Kuz'mych. p. 79.
Varchenko, I. O. - The eighth dialectological conference of the republic. p. 80.
Burlachok, A. A. - Program to collect the names of relationships by blood and marriage in the Ukrainian dialects. p. 84.

VOPROSY IAZYKOZNANIIA [PROBLEMS OF LINGUISTICS]. Issued by Institut iazykoznaniia Akademii nauk SSSR [Institute of Linguistics of the Academy of Sciences of U. S. S. R.]. Moscow, vol. 5, no. 4, July-Aug. 1956.
Table of contents translated:
Some current tasks of present-day Soviet linguisitcs. p. 3.
Bulakhovskii, L. A. - Grammatical induction in the Slavic declension. p. 14.
Boldyrev, A. N. - Some aspects of the establishment and development of literary languages under the conditions of feudal society. p. 31.
Grigor'ev, V. P. - The limits between word formation and affixation. p. 38.
Maziulis, V. P. - The Indo-European decimal system of numerals. p. 53.
Menovshchikov, G. A. - Historical formation of numerals in the Eskimo language. p. 60.
Nadel', B. I. - Phonetic phenomena of the Thracian and Illyrian languages. p. 72.
Matveenko, V. A. - Remarks on the language of the Novgorod birch bark documents. p. 82.
Finkel', A. M. - Materials for a phraseological dictionary of the Russian language ( Vorob'inaia noch'). p. 92.
Vaitkevičiūtė, V. A. - I. I. TSukerman's article "Teaching Russian phonetics to Lithuanians." p. 96.
Khangil'din, V. N. - "Enmuzedzh," Tatar grammar by Kalum Nasyrov. p. 99.
Tolstoi, N. I. - New works on the Serbo-Croatian language by Yugoslav linguists. p. 104.
Lomtev, T. P. - "Aspects of the study of the Russian language." p. 111.
Bulygina, T. V., Shmelev, D. N. - Studies by W. K. Matthews on Russian and Old Church Slavic. p. 115.
Kazanskii, B. - "Dictionary of foreign words." p. 118.
Fel'dman, N. I. - "Dictionary of linguistic studies devoted to Japanese" [in Japanese]. p. 122.
Alisova, T. B. - "Historical grammar of Italian and its dialects" [in German] by G. Rohlfs. p. 126.
Borodina, M. A. - "Brief grammar of the ancient Picard" [in French] by Ch. T. Gossen. p. 131.
Arutiunova, N. D. - "Spanish-Russian dictionary." p. 134.
Nemirovskii, M. IA. - "Lak language" by L. I. Zhirkov. p. 138.
Stieber, Z. - Polish linguistics during 1945-1955. p. 142.
Ossovetskii, I. A. - Plans of the linguistic institutes of the Polish Academy of Sciences. p. 151.
Consideration of a Russian-Polish dictionary. p. 154.
Petrisheheva, E. F., Grigor'ev, V. P. - In the Institute of Linguistics of the Academy of Sciences of the U. S. S. R. p. 157.

b) LITERATURE & FOLKLORE

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Series on Philology and Art]. Alma-Ata, no. 5, 1956.
Table of contents translated:
Duisenov, M. T. - Kazakh Soviet literature in the 1920's [in Kazakh with summary in Russian]. p. 3.
Soltov, S. S. - Kazakh Soviet literature in the period of the prewar five-year plans. p. 21.
Duisenov, M. T., and others. - Kazakh literature during the Great Patriotic War. p. 35.
Lizunova, E. V. - Postwar Kazakh prose. p. 56.
Soltov, S. S. - Kazakh Soviet poetry in the postwar years. p. 84.
Mnlovichko, A. L. - Remarks on the development of Kazakh dramaturgy in the postwar years. p. 93.

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie literatury i iazyka [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Department of Literature and Languages]. Moscow, vol. 15, no. 4, July-Aug. 1956.
Table of contents translated:
Blagoi, D. D. - Mickiewicz and Pushkin. p. 297.
Romm, A. S. - The dramaturgical method of Bernard Shaw. p. 315.
Badalić, J. M. - L. N. Tolstoi's "Power of darkness" and Croatian drama at the beginning of the 20th century. p. 330.
Finkel', A. M. - Ivan Franko, translator of Nekrasov. p. 336.
Poliak, L. M. - The role of folklore in the formation of A. N. Tolstoi's realistic method. p. 352.
Zhirmunskii, V. M. - Theodor Frings as a Germanic scholar. p. 365.
Khrabrovitskii, A. V. - First public declaration of V. G. Korolenko. p. 374.
Smirnov, A. A. - "Readings in the French language" by V. Shishma ary of Old French in V. Shishma readings in the history of the F p. 376.
Samarin, R. M. - "Schiller; t of a German genius" [in G Abusch. p. 379.
General assembly of the Sect Language of the Academy U. S. S. R. dedicated to the the Pushkin House. p. 384.
Meeting of the International ( in Moscow. p. 388.
H. Heine's anniversary. p. 39
Seventy-fifth anniversary of I evskii. p. 395.
Robinson, A. N. - Exhibit of p. 398.

AL'MANAKH "MOLODAIA GVA GUARD ALMANAC]. Issued Moscow, no. 16, 1956.
Table of contents t
Meleshin, Stanislav. - The p. 3.
Polianskii, Egor. - On virgi
Medvedeva, Nadezhda. - Th p. 81.
Ageev, Nikolai. - Morning s p. 91.
Tunitskii, Aleksandr. - Son;
Kazakov, Iurii. - Night; a story. p. 113.
Durova, Natalila. - A bird's-eye grain; a story. p. 124.
Gorbunov, Nikolai. - The storm; a story. p. 139.
Ozerova, Irina. - Encounters and reflections; verse. p. 144.
Golovanov, Sergei. - My Tambov region; verse. p. 151.
TSybin, Vladimir. - Kinship; verse. p. 158.
Grishaev, Vasilii. - To you; verse. p. 163.
Golubev, Boris. - The moon peeked out; verse. p. 164.
Shakhmagonov, Fedor. - The first degree; a tale. p. 166.
Semenov, Nikolai. - Eider ducks; a story. p. 196.
Doloman, Evmen. - Lines dedicated to spring; verse. p. 200.
Kokyshev, Lazar'. - Evening in the mountains; verse. p. 207.
Zagrebel'nyi, Pavlo. - Woman chaser; a comedy. p. 210.
Gorelov, Ivan. - Fedor Podtelkov; a sketch. p. 229.
Gurov, Igor'. - "The Riviera"; a sketch. p. 258.
Liubovtsev, Vladimir. - Why is it bad? An article. p. 295.
Ignatov, Mikhail. - A book about our friends; review. p. 317.

DILA [MORNING]. Issued by TSentral'nyi komitet Leninskogo kommunisticheskogo soiuza molodezhi Gruzii [Central Committee of the Lenin Communist Youth League of Georgia]. Tiflis, no. 12, Nov. 1956. [In Georgian.]

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 30, no. 9, Sep. 1956. [In Ukrainian.]
Table of contents translated:
Tychyna, Pavlo. - To golden rowan; verse. p. 3.
Dol'd-Mykhailyk, Iurii. - A lone man can also fight; a novel (conclusion). p. 5.
Katsnel'son, Abram. - Lyric poetry. p. 87.
Ishchenko, Mykola. - Greetings from Olena; a story. p. 90.
Mushnyk, Serhii. - I do not know what other people would do, The waters of the Mzhichka flow, Spring; verse. p. 99.
Khomenko, Ivan. - A night on the Dnieper, The oak; verse. p. 100.
Konvisar, Volodymyr. - Dvorak's music; a story. p. 101.
Voskrekasenko, Serhii. - Elimination of lagging; a humorous poem. p. 107.
Teslia, Oleksandr. - Training young students in work habits. p. 112.
Tkachenko, Mykola. - Ivan Franko, outstanding student of Shevchenko's legacy. p. 117.
Levchenko, Mykhailo. - Welcome her, friends. p. 121.
Barabash, IUrii. - Horizons of a lyrical hero. p. 125.
New books. p. 128.

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Published by Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U. S. S. R.]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
Kazin, Vasilii. - Great beginning; lyric poem. p. 3.
Zemliak, Vasil'. - Kamennyi Brod; a tale. Authorized translation from the Ukrainian by IU. Saenko. p. 13.
Shivaza, IAsyr. - Trip to Yinp'an; verse. Translated from the Dungan by T. Streshneva. p. 48.
Brodelc, Anna. - With the heart's blood; novel (to be concluded). Authorized translation from the Latvian by D. Glezer. p. 51.
Kushnirov, A. - Solali, Taiga road, New home, Love for wife and child, Summer in Boyarka; verse. Translated from the Yiddish by V. Potapova

Otčenašek, Jan. - Citizen Brych; a novel (to be concluded). p. 77.
Lorca, Federico García. - Selections. p. 148.
Vil'mont, N. - An unfinished novel of Thomas Mann. p. 171.
Zonina, L. - Difficult decisions. p. 182.
Stal'skii, N. - "Prince Eugene"; a novel. p. 185.
Second Congress of Czechoslovak Writers:
Message from the Central Committee of the Communist Party of Czechoslovakia. p. 189.
Drda, Jan. - For a literature of living truth. p. 193.
Minač, Vladimir. - Some problems of modern Slovak prose. p. 195.
Buriánek, František. - Problems of modern Czech prose. p. 201.
Cervi, Alcide. - My seven sons (to be concluded). p. 209.
Lindsay, Jack, and others. - International questionnaire conducted by "Inostrannaia literatura." p. 226.
Shên Yen-ping. - Cultural activity in the new China. p. 243.
Bidstrup, Herluf. - Trip to China. p. 249.
Devekin, V. - Story of a restless life. p. 255.
Rossianov, O. - "Hungarian work-songs." p. 256.
Elshiskina, N. - Books by Max Cohen. p. 257.
Milovidova, N. - "Seven centuries of the novel." p. 258.
Maizel's, S. - Trip to Admassia. p. 259.
Kuteishchikova, V. - "The curse," Mariano Azuela. p. 261.
From month to month; brief news. p. 262.
Brief notes on authors. p. 288.

No. 9, Sep. 1956.

Table of contents translated:

Verse of Mongolian poets; foreword by Evg. Dolmatovskii. p. 3.
Remarque, Erich Maria. - A time to love and a time to die; a novel (to be concluded). p. 9.
Dekalo, Albert. - The treatise; a fable. p. 82.
Ocenasek, Jan. - Citizen Brikh; a novel (conclusion). p. 83.
Malts, Albert. - With laughter like a bell; a story. p. 161.
Dement'ev, A. - Errors or prejudices? p. 178.
Ospovat, L. - Path to an epic ("Universal song" by Pablo Neruda). p. 187.
Balashov, N. - On a new path. p. 198.
Dynnik, Valentina. - Two books on Flaubert. p. 201.
Katarskii, I. - New edition of Charles Dickens' "Bleak house." p. 205.
Motyleva, T. - Is this the way to study foreign literature? p. 209.
Heyrn, Stefan. - Man and the book. p. 219.
Cervi, Alcide. - My seven sons (conclusion). p. 223.
Tudor, Andrei. - National composer of Rumania. p. 242.
Rozentsveig, B. - The "patrol service" of Henry Luce. p. 245.
Antonov, Viktor. - I. A. Bunin in France during the war years. p. 250.
Klemanov, IU. - With Gerhart Hauptmann. p. 256.
Vorob'ev, Evgenii. - Posters which don't age. p. 261.
From month to month; brief news. p. 268.
Brief notes on authors. p. 288.

IUNOST' [YOUTH]. Issued by Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Narovchatov, Sergei. - At a flag stop; verse. p. 3.
Malcolm, Tom. - To the pioneers of new lands; verse. p. 4.
Gladilin, Anatolii. - Chronicle of Viktor Podgurskii's times; a tale. p. 5.
Briantsev, Georgii. - The blue parcel; a tale (conclusion). p. 34.
Sheveleva, Ekaterina. - In Tokio; traveler's notes. p. 60.
Cousteau, Jacques Yves, Dumas, Frédéric. - The silent world (conclusion). p. 75.
Preobrazhenskii, S. - "Spring." p. 87.
Solov'ev, Boris. - In the Siberian taiga. p. 88.
Solodar', TSezar'. - Girl from Siberia; a vaudeville. p. 90.
Ul'ianinskii, A. - A peach. p. 97.
Levina, A. - Men who change the face of the earth. p. 98.
Samoilov, L. - Why is Lilia silent? p. 102.
Frolov, IU. - In the third millennium. p. 103.
Shatrov, E. - The descendants of the "purples." p. 109.
Abramov, L. - Chess fall. p. 112.

No. 10, Oct. 1956.

Table of contents translated:

Fadeev, Aleksandr. - Alone in the woods; chapter from "Taiga sickness," an unpublished tale. p. 3.
Rozhdestvenskii, Robert. - Verse about the opposition. p. 11.
Bremener, M. - Even if the answer was different; a tale. p. 12.
Novosel'nova, Nina. - I won't let you out of the line; verse. p. 53.
Smirnov, Lev. - The boy; verse. p. 53.
Kazakova, Rimma. - In the district; verse. p. 53.
Vil'chek, Vsevolod. - The jacket; verse. p. 53.
Posters for the Sixth World Youth and Students' Festival. p. 54.
Rodari, Dzhanni. - On the frontier; a story. p. 56.
Polevoi, Boris. - To the other end of the world; diary from the trip on the ship "Pobeda." p. 61.
Murzidi, Konstantin. - In the taiga; verse. p. 90.
Zabolotskii, N. - Beethoven, Festival during the night, The poet; verse. p. 91.
Shubin, Boris. - The pan; a story. p. 92.
Ordzhonikidze, Vil'. - The shot; a story. p. 94.
L'vov, S. - Stories about writers and books: The legend about Doctor Faustus. p. 96.
Komanovskii, B. - Sunny word. p. 99.
Bezymenskii, A. - "Communist Youth League members went to fight the Civil War..." p. 101.
Medynskii, G. - Man must be fought for! p. 104.
Merzhanov, Martyn. - The road to Melbourne. p. 106.
Igiitskii, A. - Chess: Solution of positions. p. 111.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz sovetskikh pisatelei Azerbaidzhana [Association of Soviet Writers of Azerbaijan]. Baku, vol. 14, no. 9, Sep. 1956.

Table of contents translated:

Rza, Rasul. - You, future planets, At Nizami's memorial, Now, White lilac, Flowers from a free land, A butterfly's dream; verse. Translations by I. Lisianskaia, A. Krongauz, V. Portnov. p. 3.
Samoilin, Viktor. - The old square; a tale (to be continued). p. 10.
Topol', Eduard. - Song of the young; verse. p. 51.
Plavnik, A. - A man returned home; verse. p. 52.
On the 100th anniversary of Ivan Franko's birth. p. 57.
Granin, IUrii. - The neighbor; a story. p. 58.
Babaev, Nabi. - Mt. Elbrus, He who fell in love with the neighbor; verse. Translated by E. Vinokurov, V. Sokolov. p. 77.
Agaev, Akper. - IUsuf Vezir, master of realistic prose. p. 79.
Ismailov, Kadyr. - Conflicts, characters, and language. p. 84.

Vol. 14, no. 10, Oct. 1956.

Table of contents translated:

Rustam, Suleiman. - A talk with Samed Vurgun; verse. Translated by Aleksandr Shpirt. p. 3.
On Suleiman Rustam's 50th birthday. p. 7.
Samoilin, Viktor. - The old square; a tale (conclusion). p. 8.
Oratovskii, I. - Childhood friends; verse. p. 61.
Kafarov, Vladimir. - The discovery, The lighthouse, In Il'ich Bay, The unfinished letter, A song, The captain, The draft; verse. p. 67.
Guseinov, Isa. - Concerning indifference. p. 71.
Guseinov, Chingiz. - Conflicts and heroes of lyrical poems. p. 74.
In the Union of Soviet Writers of Azerbaijan: Work of creative sections. p. 80.

LITERATURNYI STALINGRAD [LITERARY STALINGRAD]. Issued by Stalingradskoe otdelenie Soiuza sovetskikh pisatelei [Stalingrad Chapter of the Association of Soviet Writers]. Stalingrad, vol. 10, 1956.

Table of contents translated:

Tyrina, L.S. - Father and son; a play. p. 3.
Urin, Viktor. - With us in the trans-Volga region; verse. p. 48.
Urin, Viktor. - Beginning; verse. p. 48.
Urin, Viktor. - There are difficulties; verse. p. 49.
Serafimovich, A.S. - The witch. p. 50.
Egorov, Ivan. - On leave. p. 53.
Sukhov, Fedor. - From a comrade's letters; verse. p. 67.
Zaitsev, Boris. - Dawn, Grandmother; verse. p. 70.
Roshchin, M. - They grew up; a story. p. 72.
Shchipakhina, Liudmila. - To my friend; verse. p. 77.
Lednev, V. - The shirt; verse. p. 77.
Chekhov, Anatolii. - The panther; a story. p. 79.
Pavlovskii, Georgii. - Mother; verse. p. 95.
Karpov, Evgenii. - Steppe distances; a tale. p. 97.
Chekhov, Viktor. - In the days of the rebirth; a sketch. p. 140.
Ershov, V. - Stalingrad - Coventry; a sketch. p. 164.
Masliaev, V. - Guests of the English; a sketch. p. 172.
Shevandina, L. - In Korea; a sketch. p. 194.
Airumian, A., Gafurov, V. - New documents on A.S. Serafimovich. p. 200.
Sutin, I.A. - The science of the smallest organisms. p. 212.
Lazarev, V.A. - From A.M. Gor'kii's creative laboratory. p. 223.
Egorov, I. - The path of their fathers. p. 249.

MOLODOI LENINGRAD; AL'MANAKH [YOUNG LENINGRAD; AN ALMANAC]. Issued by "Sovetskii pisatel'." Leningrad, 1956.

Table of contents translated:

Volodin, Aleksandr. - How did it start; a tale. p. 3.
Golubenskii, IU. - Son; verse. p. 58.
Naftul'ev, F. - Dying tree, To yesterday's classmate; verse. p. 60.
Voskresenskii, S. - Long day; a tale. p. 62.
Kruglov, Viktor. - Song of the "kaiur"; verse. p. 96.
Belen'kii, Semen. - The miner, On skis; verse. p. 98.
Rytkheu. - Twenty cans of condensed milk; a story. p. 100.
Gordeev, Fedor. - Matvei Kuz'mich; a story. p. 107.
Lebedev, Nikolai. - The stove man; verse. p. 111.
Mochalov, Lev. - The skylark; verse. p. 113.
Shim, Eduard. - The promise, On the skating rink; stories. p. 115.
Fonlakov, Il'ia. - The campfire, "Clear day"; verse. p. 121.
Afonin, Vladimir. - Father, The Germans; stories. p. 123.
Toropygin, Vladimir. - From a new notebook; verse. p. 132.
Ofin, Emil'. - Memorial, Anka-Palka; stories. p. 134.
Barbas, Liudmila. - "As a result of a simple friendly 'by the way'"; verse. p. 140.
Konetskii, Viktor. - On the sea, A draft; stories. p. 151.
Koroleva, Nina. - "Ship grove!" To a daughter; verse. p. 162.
Vorkhovskaia, Nadezhda. - Captains; a story. p. 164.
Dostian, Richi. - Uncut watermelon; a story. p. 182.
Gol'din, N. - Birthday; verse. p. 187.
Kriuchkov, Alekseі. - Bold in speech; verse. p. 189.
Kurochkin, Viktor. - IAba; a story. p. 191.
Gavrilov, Lev. - Poet and muse, Guest of honor; fables. p. 199.
Belinov, Vadim. - Dahlias; a story. p. 201.
Sliakov, Aleksandr. - Strong heart, Under water. p. 207.
Sheikin, A. - On Novgorod land. p. 219.
Soifer, V. - Entrance into life. p. 255.
Kuz'michev, I. - "Writing is a calling." p. 261.
Kalmanovskii, E. - New play, new problems, new tasks. p. 264.
Dolinina, N. - In defense of love. p. 271.
Koroleva, N. - Original poetic voice. p. 275.
Kapitsa, M., Sarafanova, N. - A theme and its solution. p. 281.
Iezuitov, A. - First meeting with a critic. p. 284.

NA RUBEZHE [AT THE FRONTIER]. Issued by Soiuz sovetskikh pisatelei Karelo-Finskoi SSR [Association of Soviet Writers of the Karelo-Finnish S.S.R.]. Petrozavodsk, vol. 17, no. 4, July-Aug. 1956.

Table of contents translated:

TSigol'nitskii, Igor'. - A year on an ice floe; notes of a polar explorer. p. 3.
You remember everywhere; a verse cycle about the North. p. 30.
Zagorskii, Anatolii. - Guard of the ocean, Ballad about a fisherman's song. p. 30.
Gunin, Anatolii. - In the tundra. p. 32.
Korobov, Igor'. You remember everywhere, Evenings. p. 33.
Avdyshev, Aleksei. - On pier 6. p. 34.
Kuznetsov, Vinchoslav. - Perhaps one should not remember, The northern region in meadows again. p. 35.
Gusarov, Dmitrii. - A call to arms; a novel. Book 2 (conclusion). p. 36.
Igumnov, Aleksandr. - The last letter; a poem. p. 109.
Krutetskii, Alekseі. - Afanasii Il'ich and Erofeich; a story. p. 110.
Rink, Igor'. - On the frontier, The last trolley; verse. p. 116.
Danilov, V. - Maksimych, Bear hunting. p. 117.
Popov, N. - Don't brag until you've done it, The carrousel. p. 123.
Bolinev, I. - Western Karelian... p. 127.
Slavina, M. - The people are the makers of history. p. 132.
Voronin, E. - Against dogmatism in pedagogy; a teacher's notes. p. 141.
Mochalova, I. - The first season. p. 149.
Usova, G. - Outstanding English writer; on the 100th anniversary of Bernard Shaw's birth. p. 158.
Chistov, K. - Artistic design and poetical detail; notes on craftsmanship. p. 164.
Summanen, T. - Epic and lyric. p. 170.
Ivanov, V. - "Comrade, don't betray." p. 173.
Mirolilubova, R. - A veracious story about fishermen of the North Atlantic. p. 176.
Rybak, F. - Books about our native region. p. 178.
Nikitin, P. - Baltic theatrical spring; encounters and impressions. p. 180.
Petrov, Vladimir. - He got excited; a story. p. 185.
Lopatin, Alekseі. - Expert consultant. p. 188.
Gudovskii, Nikolai. - A love of names. p. 199.
Liadov, Andrei. - At the kiosk; a spring joke. p. 190.
The bookshelf. p. 191.

NOVAIA SIBIR' [NEW SIBERIA]. Issued by Irkutskoe otdelenie Soiuza pisatelei SSSR [Irkutsk Branch of the Association of Soviet Writers of the U.S.S.R.]. Irkutsk, vol. 32, 1956.

Table of contents translated:

To the Second All-Union Congress of Soviet Writers. p. 3.
To the Central Committee of the Communist Party of the Soviet Union. p. 9.
Lugovskoi, Inn. - Today on the Angara; verse. p. 13.
Tychinin, Viacheslav. - Year of his life; a novel. p. 16.
Levitanskii, IUrii. - From a new book of verse. p. 224.
Reutskii, Petr. - Verse. p. 231.
Prolovskii, Anatolii. - Spring; verse. p. 234.
Padorin, G. - New life at Kulunda; a sketch. p. 236.
Tikhonova, Larisa. - New encounters; from a journalist's notebook. p. 253.
Broido, S. - The road to the Sullen River; a sketch. p. 266.

Lifshits, L. - Gateway to the North; a sketch. p.294.
Lifshits, L. - Lights over the taiga; a sketch. p.300.
Dulov, V.I. - The year 1905 in Eastern Siberia. p.308.
Abramovich, A. - Literary details and characters. p.324.

NOVYI MIR [THE NEW WORLD]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 32, no. 8, Aug. 1956.
Table of contents translated:
Zlobin, Anatolii. - Report from a pontoon bridge. p.3.
Lugovskoi, Vl. - The girl I know, Chimgan, In a rural school, Spring ritual song; verse. p.18.
Berggol'ts, Ol'ga. - Verse from diaries; 1938-1956. p.26.
Dudintsev, V. - Not by bread alone; novel (to be continued). p.31.
Kvitko, Leib. - Verse for children. Translated from the Yiddish by T. Spendiarova, Pavel Shubin, and El. Blaginina. p.119.
Kaputikian, Sil'va. - Secret ballot; verse. Translated from the Armenian by Vera Potapova. p.124.
Khelemskii, IAkov. - Two poems. p.126.
Granin, D. - Personal opinion; a story. p.129.
Firsov, V. - War, Leaves; verse. p.137.
Franko, Ivan. - Poems. Translated from the Ukrainian by N. Zabolotskii and Leonid Khinkulov. p.138.
Wasilewska, Wanda. - In China. Translated from the Polish by E. Wasilewska (to be concluded).
Mikulina, Elena. - The first year... p.169.
The playwright and the theater:
Discussion in the editor's office. p.198.
Arbuzov, Aleksei. - The playwright must return to the theater. p.198.
Shtein, A. - My own and others' failings. p.203.
Rozov, V. - It's really not a question of the job. p.207.
Chepurin, IU. - Why I parted with the Theater of the Soviet Army. p.207.
Karaganov, A. - Revolt against stage direction? p.208.
Anastas'ev, A. - Friends and not opponents. p.211.
Pluchek, V. - Arbuzov is mistaken! p.214.
Arbuzov, A. - Answers to opponents. p.219.
Our opinion. p.221.
Borisovskii, G. - Beauty and the standard. p.223.
Denisova, L., Zhdanov, V. - Modernization and arbitrariness in dealing with the past. p.237.
Literature and art:
Slavin, Lev. - The large in the small. p.250.
Vladimov, G. - Thirty-three days in America. p.253.
Bragin, Mikh. - Biography of a hero. p.266.
IAkovlev, IUrii. - For children and adults. p.268.
Berestov, A. - A bad book on the workingman's leisure. p.269.
Afanas'ev, V. - A new bibliographic manual. p.260.
Fish, Radii. - Orhan Veli's poetry. p.262.
Politics and science:
Kozlov, S. - An inferior work on a great victory. p.265.
Batiushkova, I. - "The father of Russian geology." p.267.
Markov, Sergei. - Explorer of the Far East. p.269.
Voronin, N. - Discoveries of Soviet archaeologists. p.270.
Efremov, IU. - "Northeastern China; physicogeographical description." p.272.
Echoes of the past:
Reizov, B. - Why did Stendhal name his novel "The black and the red?" p.275.
Svetlov, L. - A forgotten writer and journalist. p.276.
Brief comments:
Zarian, Nairi. - Hotels and guests. p.280.
Kazin, Vasilii, Rozanov, I., Fomin, S. - Why aren't the works of the poet Aleksandr Shirinvets published? p.281.
Inter alia:
Lur'e, S., Il'ina, N. - In the world of wonders. p.282.
A.IA. - What is humor? p.283.
Brief notes on books. p.284.
Recent books. p.287.

OKTOMBRIE [OCTOBER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 25, no. 11, Nov. 1956. [In Moldavian.]

POLYMIA [FLAME]. Organ of Saiuz sovetskikh pis'mennikau BSSR [Association of Soviet Writers of the White Russian S.S.R.]. Minsk, vol. 34, no. 8, Aug. 1956. [In White Russian.]
Table of contents translated:
Brouka, Piatrus'. - When rivers converge; a novel (to be continued). p.3.
Kolas, IAkub. - On the roads of liberty; a narrative poem (continuation). p.83.
Naumenka, Ivan. - Thawed spots on the spring snow; a story. p.88.
Franko, Ivan. - Poetry. Drowsy villages, The village lies at the foothill, My life has not been long; verse. Translated from the Ukrainian by M. Auramchyk. Khv. Zhychka. p.105.
Inhul'ski, P. - Batsiatsichy; a sketch. p.108.
Akhrymenka, P. - Ivan Franko and White Russian culture. p.118.
Sadouski, IAfim. - Stanislaw Moniuszko in White Russia. p.124.
Biarozkin, H. - Lyric verse of Pimen Panchanka. p.132.
Aleksandrovich, S. - Conflicts of life; review. p.153.
Vasil'ou, B. - Sketches on builders; review. p.156.
Brief news. p.159.

Vol. 34, no. 9, Sep. 1956. [In White Russian].
Table of contents translated:
In memory of IAkub Kolas. p.3.
Nekhoda, Ivan. - The Ukraine loved Kolas; verse. p.8.
Vlasevich, Eduard. - A wreath for the bard; verse. p.9.
Hrakhouski, Siarhei. - His songs will live; verse. p.9.
Prykhodz'ka, Piatro. - Farewell, our Kolas; verse. p.10.
Haurusiou, Stsiapan. - At the poet's coffin; verse. p.10.
Brouka, Piatrus'. - When rivers converge; a novel (continuation). p.11.
Karatkevich, Ul. - Ballad about Vaukulaka, the guerilla fighter, On a stormy night; verse. p.80.
Karpenka, Mikhas'. - With my child's hand; verse. p.82.
Hrodnau, Mikola. - A story. p.83.
Garulov, N. - The father; a narrative poem. p.94.
Maleuskaia, A. - Reminiscences about Vera Kharuzhaia. p.101.
Kalesnik, Ul. - Revolutionary songs in former western White Russia. p.106.
Lensu, E. - "Ruined nest," the IAnka Kupala play. p.116.
Bahrova, D. - White Russian satiric literature during the Great Patriotic War. p.128.
TSimashkova, L. - Notes on Macedonian poetry. p.136.
Halavnau, M. - Heroic Russian past in A.S. Pushkin's works. p.143.
Kazeka, IA. - Book about Kuz'ma Chorny. p.152.
Aliaksandrau, S. - Truthful book. p.156.
Brief news. p.159.

SOVET ĔDĔBIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei Tatarii [Association of Soviet Writers of Tataria]. Kazan, vol. 34, no. 10, Oct. 1956. [In Tatar.]

SOVETSKAIA PECHAT' [SOVIET PRESS]. Issued by gazeta [newspaper] "Pravda." Moscow, no. 9, Sep. 1956.
Table of contents translated:
Editorial: Remember the main thing! p.1.
Nazarenko, K. - Get the grain to the bin. p.4.
Domanov, I. - Our pledge. p.4.
Parfenova, N. - The new school year. p.5.
Bliskovskii, Z. - The sister of talent. p.7.
Galich, B. - Without waiting to appear in print. p.9.
A review of newspapers. p.12.
Sagal, G. - Justify the trust of readers. p.20.
Kitain, V., Starodub, A. - For interesting and vivid reporting. p.22.
Zhukov, P. - The editorial plan. p.24.
Let us continue the discussion on satire:
Gerasimenko, P. - Militant weapon. p.26.
Buiurlakin, P. - Help young satirists. p.26.
Karpenko, P. - "Border incident." p.27.
Volodin, S. - The story of a book. p.29.
Kontorovich, A. - Publishing aids. p.31.
Kruzhkov, Nik. - Mikhail Kol'tsov. p.32.
Books written by journalists. p.35.
Literature for press employees. p.36.
Bylinskii, K. - New rules for uniform orthography. p.37.
The Vietnam press today. p.38.
Maleček, Stanislav. - Czechoslovak Press Day. p.40.
Efimov, P. - Arbitrariness of Bonn rulers. p.41.
Afonin, M. - On a leash. p.43.
Shtal', B. - Seminar of journalists in Geneva. p.44.
Braginskii, A. - André Wurmser's polemics. p.46.
Poliakov, IU. - "We were among brothers." p.49.
Mikhailov, V., Popov, V. - Plan rather than establish norms. p.51.
Lapsakov, V., Orinichev, M. - The use of stereotype plates without beveled edges. p.53.
Stroganov, A. - It shouldn't have occurred. p.54.
Letters to the editor. p.56.
Ryklin, G. - Morning of a businessman. p.59.
Brief news. p.63.

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Soiuz sovetskikh pisatelei Ukrainy [Union of Soviet Writers of the Ukraine]. Kiev, vol. 8, no. 8, Aug. 1956.
Table of contents translated:
Ivan Franko is with us; sketches. p.5.
Shporta, IAroslav. - Fire in a blacksmith's shop; verse about Ivan Franko. p.27.
Krivtsov, V. - Bright nights; a tale (to be concluded). p.30.
Ionov, Aleksei. - Miners' messengers; a story. p.67.
Frolov, Mikhail. - Young miners, Unchangeable coin, The sunflower, I look for you throughout the world; verse. p.73.
Torin, Vl. - Exploit of Avdei Konlukhov; from "Nonfiction stories." p.75.
Cheballin, Petr. - New neighbor; a story. p.83.
Nepomenko, Fedor. - Place under the sun; a story. p.93.

Timchenko, Viktor. - From a book of verse "The dawn." p.111.
Martych, IUkhym. - Drops of golden rain; short notes. p.113.
Franko, Ivan. - Welcome thee, dear forest; verse. Translated from the Ukrainian by Nik. Ushakov. p.122.
Franko, Ivan. - May elegies; verse. Translated from the Ukrainian by Leonid Khinkulov. p.123.
Franko, Ivan. - The golden eagle; verse. Translated from the Ukrainian by Grigorii Litvak. p.127.
Kostenko, Nikolai. - Land where Franko used to walk. p.129.
Orel, Georgii. - Notes of a designer. p.136.
Basenko, P. - Urgent problem. p.147.
Franko, Taras. - Son of the people. p.154.
Bass, Ivan. - In the fire of the struggle; about revolutionary activities of Ivan Franko. p.158.
Mazurkevich, Aleksandr. - Forgotten pages; I.G. Pryzhov on Ukrainian literature. p.170.
Kozik, Vladimir. - The testimonial; a story. p.182.
Serman, Bor. - The beggar; verse. p.185.
Makarenko, Alekset. - The nephew; verse. p.187.
Notes. p.188.

SOVETSKII KAZAKHSTAN [SOVIET KAZAKHSTAN]. Organ of Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, vol. 22, no. 7, July 1956.
Table of contents translated:
Matskevich, O. - Rudnogorsk, golden ground. p.3.
Vaniushin, V. - Taming of the Syr Darya. p.13.
Kuz'min, N. - In Krutoy Yar; a tale (conclusion). p.24.
Maulenov, S. - On virgin land; verse. p.66.
Zuev, M. - Island of sunken ships; a story. p.69.
Farber, A. - Novopetrovsk prisoner; verse. p.78.
Semenov, A. - Moonlite beauty; a story. p.84.
Moldagaliev, T. - From a lyrical notebook; verse. p.89.
Kochetkov, G. - At the old windmill; a story. p.91.
From classical Korean poetry. p.95.
Sverchkova, V. - The mysteries of blood and its circulation. p.101.
Rubinova, E. - Bernard Shaw; on the 100th anniversary of his birth. p.110.
Mart'ianov, S., Savvin, I. - The writer and motion pictures. p.115.
Bragin, A. - A poet's second book. p.119.
Elanchik, E. - A book about an explorer of Kazakh deserts. p.121.
Brief news of literature and art. p.124.
New books. p.128.

SVET NAD BAIKALOM [LIGHT OVER THE BAIKAL]. Organ of Soiuz pisatelei Buriat-Mongol'skoi ASSR [Association of Writers of the Buriat]Mongolian A.S.S.R.]. Ulan-Ude, no. 5, July-Aug. 1956.
Table of contents translated:
Ivanov, Vsesolod. - We are going to India; a novel. p.3.
Nimbuev, Shirab. - Our songs; verse. Translated from the Buryat-Mongolian by V. Martynov. p.105.
Shadaev, Apollon. - The old man and the bear; a Buryat-Mongolian fairy tale. Translated from the Buryat-Mongolian by M. Tolkach. p.107.
Linkhovoin, Lkhasaran. - Vietnamese impressions; travel notes. p.112.
Anpilogov, Nikolai. - They became Siberians; a sketch. p.122.
Baizovskii, G., Nikorov, D. - Let us recreate a forgotten art. p.128.
Sharakshane, Bair. - Encounter; a story. p.133.
Shikhanov, Mikhail. - Janitor, My girl friend; verse. p.137.
Katok, Valentin. - Prospecting in the taiga; verse. p.138.
TSybenov, Rinchin. - The countrywoman; verse. Translated from the Buryat-Mongolian by M. Shikhanov. p.138.
Nuzhnenko, Boris. - Dawn; verse. p.139.
Pil'man, Erikh. - Stories about nature. p.139.
Kuznetsov-Taezhnyi, Vladimir. - After the rain; verse. p.141.
Cheremisov, K. - Early borrowings in the Buryat language. p.142.
Tolkach, M., Lipkovich, IA. - An attempt to entertain. p.147.
Makarov, N. - Out of touch with life. p.151.
Chronicle of cultural life. p.155.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka radians'kykh pys'mennykiv Ukrainy [Association of Soviet Writers of the Ukraine]. Kiev, vol. 24, no.9, Sep. 1956. [In Ukrainian].
Table of contents translated:
Honcharuk, Zakhar. - From a Yugoslav notebook; verse. p.3.
Lisniak, Vasyl'. - I love the village and the fields; verse. p.6.
Masenko, Teren'. - The city of youth; verse. p.7.
Zabashta, Liubov. - The Goethe oak, Two mothers; verse. p.8.
Kolesnikova, Lidiia. - Slender birch; verse. p.11.
Klymenko, Mykhailo. - Summer, The thunderstorm; verse. p.11.
Hasko, Mechyslav. - It seems that I saw that once; verse. p.12.
Marunich, Ol'ha. - On the electric train, The Hutsul woman; verse. p.12.

Burns, Robert. - Epigrams, epitaphs, humorous verse. p. 13.
Kucher, Vasyl'. - Good-by, sea; a novel (continuation). p. 15.
Nosenko, Oleksa. - Underground power in the Ukraine. p. 73.
Komliev, Hryhorii. - Red fields; notes of a collective farm leader. p. 86.
Mykysha, Mykhailo. - My reminiscences about Ivan Franko. p. 108.
Kotsiubyns'ka, Iryna. - Vira Ustymivna Deisha-Kotsiubyns'ka. p. 114.
Kulinich, Andrii. - Franko as the translator of Russian poets. p. 124.
Zahaikevych, Mariia. - Ukrainian music in Franko's life and work. p. 131.
Nimenko, Andrii. - Franko in pictorial art. p. 141.
Kravchuk, Petro. - Ivan Franko and the Canadian Ukrainians. p. 145.
Atanasov, Petko. - Ivan Franko and Bulgaria. p. 153.
Kim Chin-jun. - Modern Korean literature. p. 161.
IAshchyshyna, Oksana. - The second book of young poet. p. 171.
Lysiuk, Panas. - The author and editor should not hurry. p. 173.
Padalka, Nykyfor. - "Marko Vovchok in literary criticism. p. 177.
Kukhalashvili, Kostiantyn. - Letters of Lesia Ukrainka. p. 180.
IUrchuk, Mykola. - Tragedy of the colored man. p. 183.
Brief news on culture and art. p. 187.
New books. p. 190.

Vol. 24, no. 10, Oct. 1956. [In Ukrainian.]
Table of contents translated:

Usenko, Pavlo. - From the book "Leaves and thoughts"; verse. p. 3.
Kononenko, Pavlo. - The mother; verse. p. 5.
Bilous, Dmytro. My sweet doves; verse. p. 6.
Kucher, Vasyl'. - Good bye to the sea; a novel (conclusion). p. 8.
Sedyk, Anatolii. - Lyric verse. p. 93.
Brovchenko, Volodymyr. - Encounter in Kiev; verse. p. 94.
Khomenko, Ivan. - Fishermen on the Dnieper; verse. p. 94.
Prykhod'ko, Nadiia. - Autumn; verse. p. 95.
Fylypchuk, Hryhorii. - How good it is; verse. p. 95.
IAnovs'kyi, IUrii. - The public prosecutor's daughter; a play. p. 96.
Sukhodol's'kyi, Volodymyr. - Talented master of drama; on the 75th anniversary of Ivan Kocherga's birth. p. 126.
Burlak, Borys. - The "Pobeda" is sailing around Europe. p. 130.
Kostiuchenko, Viktor. - Poet and citizen; on Serhii Voskrekasenko's 50th birthday. p. 154.
Rodzevych, Nina. - History of Ukrainian English literary connections. p. 158.
Dimitrov, Dimitr. - Bulgarian literature on the path of socialist realism. p. 164.
Fedorchuk, Mykola. - For closer ties with real life. p. 175.
Hryn'ko, Dmytro. - Rigorous master of words. p. 179.
Shlapak, Dmytro. - Petro Kozlaniuk's satire. p. 182.
Hrytsiuta, Mykola. - Ivan Franko and folk literature. p. 185.
Parniuk, Mykhailo. - A nest of hornets. p. 187.
Brief news of art and culture. p. 189.
New books. p. 192.

ZHOVTEN' [OCTOBER]. Organ of Spilka radians'kykh pys'mennykiv Ukrainy [Association of Soviet Writers of the Ukraine]. Lvov, vol. 6, no. 8, Aug. 1956.
[In Ukrainian.]
Table of contents translated:

Pavlychko, Dmytro. - Hymn to the Great Mason. Music by Kos-Anatol's'kyi. p. 3.
Decision of the World Peace Congress. p. 5.
Panch, Petro. - Grateful son of his people. p. 5.
Kataev, Valentyn. - Writer and thinker. p. 8.
Kolas, IAkub. - A bard of friendship and fraternity of the peoples. p. 9.
Hudzii, Mykola. - Outstanding philologist. p. 10.
Kul'chyts'ka, Olena. - Source of creative vigor. p. 11.
Kas'ian, Vasyl'. - Unbending fighter for progress. p. 13.
Rypáček, Karol V. - A champion of friendship of the Slavic peoples. p. 14.
Monastyrs'kyi, Anton. - In Franko's footsteps. p. 15.
Kohmeriki, Nunu. - He still is close to us. p. 16.
Tarnovs'kyi, Mykola, and others. - Word from our brethren from beyond the ocean. p. 19.
Lebedev-Kumach, Vasilii. - At Franko's tomb; verse. Translated from the Russian. p. 22.
Rokita, Jan. - To Ivan Franko; verse. Translated from the Czech. p. 22.
Karmans'kyi, Petro. - Franko and children; verse. p. 23.
Pavlychko, Dmytro. - Franko's spring; verse. p. 24.
Vil'nyi, Volodymyr. - Facing the tribunal; verse. p. 25.
Luchuk, Volodymyr. - The prologue; verse. p. 27.
Lukiianovych, Denys. - The eagle is spreading its wings; a tale. p. 28.
Stetsiuk, IAkiv. - At the Carpathian foothills. p. 58.
Inhul's'kyi, Petro. - Borislav and its people. p. 63.
Kostenko, Mykola. - Great restoration. p. 68.
TSmokalenko, Dmytro. - What Cheremosh is singing about. p. 70.
Dmytruk, Volodymyr. - An unpublished article by Ivan Franko. p. 76.
Franko, Ivan. - Information from Galicia; symptoms of demoralization in Galician society. p. 78.
Zhuravs'ka, Ida. - Ivan Franko and world literature. p. 93.
Romanchenko, Ivan. - I. Franko against religion. p. 103.
Del, Oleksii. - A study about I. Franko as a literary critic. p. 105.
Lozyns'kyi, Ivan. - Ivan Franko's works in Polish translation. p. 109.
Matvilchuk, Mykola. - I. Franko's tale on the stage. p. 111.
Medvediev, IUrii. - In many languages of the world. p. 114.
Buchma, Ambrosii. - Born of the storm. p. 117.
Bon', Vira. - At the writer's museum. p. 120.
Diak, Ivan. - Fulfilled dreams. p. 122.
Lazarenko, IEvhen. - Toward light, science, and culture. p. 124.
Ostapenko, Andrii. - People of Ivana-Frankov District. p. 126.

Vol. 6, no. 9, Sep. 1956. [In Ukrainian.]
Table of contents translated:

Kuo-Mo-jo. - Ardent greetings from the Chinese people. p. 3.
Hlavaček, František. - My teacher and friend. p. 3.
Chukovskii, Kornei. - Words of great esteem. p. 8.
Liudkevych, Stanislav. - Ivan Franko and music. p. 8.
Kruczkowski, Leon. - Democratic Poland praises the great builder. p. 11.
Mykysha, Mykhailo. - He was a servant of his people. p. 12.
Kuba, Ludvik. - Great friend of the Czech people. p. 16.
Uzhvii, Natalia. - Our pride and glory. p. 16.
Inber, Vera. - He will live forever. p. 19.
Word from our brethren beyond the ocean:
Matsiievych, Stepan. - Solemn celebration in memory of Ivan Franko. p. 21.
Tarnovs'kyi, Mykola. - At the celebration in memory of Ivan Franko at Winnipeg; verse. p. 30.
Greetings from Argentina. p. 31.
Folk tales about Ivan Franko. p. 32.
Oshurkevych, Oleksii. - In a blacksmith's hut; verse. p. 34.
Shkrumeliak, IUrii. - "The little Myron"; verse. p. 34.
Kolodii, Vasyl'. - Three cents; verse. p. 36.
Omel'chenko, Volodymyr. - Franko as he read "Moses"; verse. p. 37.
Koval', Volodymyr. - At the Franko Museum; verse. p. 38.
Romanchenko, Mykola. - To live in work and for work; verse. p. 39.
IUrenko, Oles'. - Spring; verse. p. 39.
Pavlychko, Dmytro. - Celebration in memory of Ivan Franko; verse. p. 40.
Halan, IAroslav, Kondra, IAroslav. - Ivan Franko. p. 41.
A. N. Pypin's letter to Ivan Franko. p. 50.
Makivka, Stepan. - Ivan Franko's Guardmen; reminiscences. p. 52.
Biloshtan, IAkiv. - Ivan Franko and the theater. p. 62.
Kornilenko, Natullia. - Ivan Franko as linguist. p. 71.
Pil'huk, Ivan. - Franko's publication of "The bard." p. 80.
Paperna, Halyna. - Ivan Franko on children's literature. p. 86.
Kryp'iakevych, Ivan, Koval'chak, Hryhorii. - On the threshold of the eighth century. p. 94.
Nud'ha, Hryhorii. - His songs are still alive. p. 107.
Artiukhiva's'kyi, Hryhorii. - Franko as we saw him. p. 112.
Bartoshyk, Mykola. - Useful book. p. 116.
Sirak, Ivan. - A study of I. Franko's philosophy. p. 119.
TS'okh, Iosyp. - Mind and work. p. 121.
Brief news. p. 124.

Vol. 6, no. 10, Oct. 1956. [In Ukrainian.]
Table of contents translated:

Lvov is 700 years old:
Zabashta, Liubov. - To the city of lions; verse. p. 3.
Voloshchak, Andrii. - When I am walking along city streets; verse. p. 4.
Poliakov, Viktor. - In new glory; verse. p. 4.
Pecheniva's'kyi, Hryhorii. - Might of the people; verse. p. 5.
Knysh, Heorhii. - On the castle hill; verse. p. 5.
Makh, Petro. - At the university; verse. p. 6.
Levchuk, Ivan. - To my brothers of Lvov; verse. p. 6.
Dan'ko, Mykola. - Facing the sun; verse. p. 7.
Everyday life in a reborn city; essays:
Stetsiuk, IAkiv. - Anniversary. p. 8.
Kamenkovych, Zlatoslava. - Life. p. 12.
Tkachuk, Mykhailo. - Pages from a diary. p. 20.
Shmyhel's'kyi, Anton. - The mason; verse. p. 24.
Vil'de, Iryna. - The Richyns'ki sisters; a novel (continuation). p. 25.
Miastkiva's'kyi, Andrii. - In the Carpathians. The snowball tree; verse. p. 59.
Karpiuk, Mykola. - Autumn nights; a tale (conclusi p. 60.
Halan, IAroslav. - In Lutsk, capital of a voivodship; a sketch. p. 80.
Storchak, Kindrat. - Ivan Kocherga. p. 86.
Doroshenko, Ivan. - Artistry of satirists and humor p. 93.
Charnovs'kyi, Oleh. - Painters of Soviet Lvov. p. 10
Tkachenko, Mykola. - Annals of a great life. p. 110.
Val'o, Marita. - Lyric drama and its solution. p. 1
Brief news:
Days of the anniversary. p. 117.
Celebration of Ivan Franko's anniversary in Czechoslovakia. p. 124.
Ostap Vyshnia; obituary. p. 127.

ZNAMIA [THE BANNER]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U. S. S. R.]. Moscow, vol. 26, no. 9, Sep. 1956.
Table of contents translated:

Lugovskoi, Vladimir. - The East, The beginning; verse. p. 3.
Lebedev, Konstantin. - People and degrees; a novel (conclusion). p. 6.
Pasternak, Boris. - New lines; verse. p. 74.
Zhurakhovich, S. - En route; a story. Translated fr the Ukrainian by A. Ostrovskii. p. 79.
Kornilov, Vladimir. - From an army diary; verse. p. 89.
Buchneva, F. - Gzhatsk encounters. p. 91.
Anvaer, Sofia. - Unforgettable. p. 114.
Bagranovskii, Viktor. - Living traditions. p. 137.
Inber, Vera. - Inspiration and craftsmanship. p. 15
Berzer, A. - A percentage of truth. p. 170.
Skorino, L. - "A small farm in the steppe." p. 175.
Knipovich, E. - The dispute over Dostoevskii. p. 182
L'vov, Sergei. - A meeting with India. p. 186.
Chimishkian, S. - Unseen conflict. p. 191.

ZVEZDA [THE STAR]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U. S. S. R.]. Leningrad, no. 8, Aug. 1956.
Table of contents translated:

Sheiner, Vadim. - Words, He sets birds free; verse. p. 3.
Shirokov, Leonid. - Verse from a Zhiguli notebook. p. 5.
Beinki, Vasilii. - Roads of the north; verse. p. 7.
Leberecht, Hans. - Soldiers go home; a novel. Part 2 (conclusion). p. 8.
Franko, Ivan. - Verse; from new translations. Trans lated from the Ukrainian by N. Braun and others. p. 108.
Li Po. - Poetry (701 - 762); translations from the Chinese by Aleksandr Gitovich. p. 111.
Avramenko, Il'ia. - Lights of the Angara; impression and encounters. p. 116.
Ovchinnikov, V. - Report from the "roof of the world (conclusion). p. 130.
IAkimenko, L. - The Soviet epic; questions concernin a genre. p. 140.
El'iashevich, Ark. - Poetry and realism. p. 156.
Moldavskii, Dm. - Comrade Laughter. p. 169.
Prilma, F. - Ivan Franko. p. 180.
L'vov, Sergei. - Reply to the critic Vladislav Drobyshevskii. p. 186.
Mournful notes. p. 190.

No. 10, Oct. 1956.
Table of contents translated:

Smirnov, Vasilii. - Discovery of the world; a tale. Book 2, part 2 (conclusion). p. 3.
Lugovskoi, Vladimir. - Baku! Baku! From the book "Middle of the century"; verse. p. 57.
Konotskii, Viktor. - In the morning haze; a story. p.
Khaustov, Leonid. - From the cycle "Memory"; verse p. 66.
Markov, Alekseі. - The colt, On beauty; verse. p. 68.
Krongauz, Anisim. - The freight train, Ballad about a scholar; verse. p. 69.
Munteanu, Frantisc. - A man came; a tale. Translate from the Rumanian by N. Snetkova, I. Fikhman. p.
Soitov, Khodzhabek. - The Amu Darya, Morning, At the airport; verse. Translated from the Kirghiz by Georgii Nekrasov. p. 105.
Kopshtein, A. - On Gombary, Adzhar woman, Bakurtsikhi night; verse. Translated from the Ukrainian by Mark Shekhter. p. 106.
Bonch-Bruevich, M. D. - All power to the Soviets (continuation). As told to Il'ia Kremlev. p. 107.
Sheremet'eva, E. - Pearl of Siberian gardening. p. 134.
Bezymenskii, A. - Reading satirical verse; from a diary. p. 144.
Iezuitov, A. - More about the typical. p. 166.
Petushkov, V. - Literary language and writers. p. 162.
Bazhin, N. - Polemical tale. p. 172.
Pavlovskii, A. - IAkov Il'ichev's stories. p. 174.
Lugovtsov, N. - Along Czechoslovak roads. p. 176.
Eventov, I. - In a writer's footsteps. p. 177.
IAnkovskii, M. - A book about a Soviet dancer. p. 179.
Varshavskii, IU. - Natural science and poetry; a writer's notes. p. 182.
Mournful notes. p. 186.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz sovetskikh pisatelei Uzbekistana [Association of Soviet Writers of Uzbekistan]. Tashkent, vol. 24, no. no. 7, July 1956.
Table of contents translated:

Almatinskaia, A. - In the spaces of the steppe; a novel. Book 1 (to be continued). p. 3.

Nazhimov, T. - Whistles; translated from the Kirghiz by V. Shefner. p. 40.
Nazhimov, T. - Conquerors of the desert; verse. Translated from the Kirghiz by B. Usynin. p. 41.
Polivin, Nikolai. - Tea, At night; verse. p. 41.
Faizi, Rakhmat. - New Year's eve; a story. Translated from the Uzbek by L. Bat', P. Kadyrov. p. 43.
Faizi, Rakhmat. - The galosh and the boot; a story. Translated from the Uzbek by L. Bat'. p. 49.
IAkubov, Adyl. - Daughter of the mountains; a story. Translated from the Uzbek by IA. Il'iasov. p. 51.
Kachaev, Vit. - Greetings, youth, Road to a field camp, "Zernograd," I remain; verse. p. 59.
Tatarinova, Nina. - Native city, Builders, Under Asia's sun, The sea, A song; verse. p. 63.
Shahshal, L. - Lyric verse. p. 66.
Ushakov, Mikhail. - On youth, Yesterday a tankman; verse. p. 67.
Turov, Viktor. - Light breeze; verse. p. 69.
Bulanov, Ivan, Rubinov, Lev. - On a main railroad line; a sketch. p. 69.
Makogon, V. - In Professor Moichanov's clinic; a sketch. p. 84.
Leonov, N.I. - Through ancient Sogdiana. p. 94.
Abdurashidov, Gafur. - Friendship in the name of peace. p. 102.
Khalfin, N. - Travels of Gabaidulla Amirov through India. p. 107.
Ustivar, A., Shamukhamedov, Sh. - Iranians and Soviet Uzbekistan. p. 111.
Aimbetov, K. - Kirghiz Soviet dramaturgy. p. 117.
Nurmukhamedov, M. - Some aspects in the assimilation of Russian literary traditions. p. 122.
Taktash, R. - New elements in Uzbek portrait painting. p. 125.

## 12. GEOGRAPHY & GEOLOGY

### a) ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Ethnography. Transactions]. Moscow, vol. 30, 1955. Ocherki istorii russkoi etnografii, fol'kloristiki i antropologii [Outline history of ethnography, folklore, and anthropology], no. 1.

Table of contents translated:

From the editor. p. 3.
Tokarev, S. A. - Contribution of Russian scholars to the world's ethnographic science. p. 5.
Kosven, M. O. - Materials on the history of early Russian ethnography (12th-17th centuries). p. 30.
Stepanov, N. N. - V. N. Tatishchev, and Russian ethnography. p. 71.
Bomshtein, G. I. - The role of Lomonosov in the history of Russian ethnography and folklore. p. 85.
Stepanov, N. N. - S. N. Krasheninnikov, explorer of Kamchatka. p. 111.
Sokolova, V. K. - Problems of ethnography and folklore in the last third of the 18th century. p. 136.
Stepanov, N. N. - Ethnographic research of Vasilii Fedorovich Zuev. p. 172.
Sokolova, V. K. - The views and research of the Decembrists in the realm of ethnography and folklore. p. 187.
Sokolova, V. K. - Pushkin and folklore. p. 211.
Gusev, V. E. - A. I. Hertzen, ethnographer and folklorist. p. 221.
Gusev, V. E. - Problems of ethnography and folk poetry in the Russian periodicals of the 1850's and 1860's; based on materials from "Sovremennik" and "Otechestvennye zapiski." p. 236.
Levin, M. G. - The ethnographic and anthropological theme in the works of N. G. Chernyshevskii. p. 262.
Levin, M. G. - The sources of Russian anthropology. p. 275.
Lipshits, B. A. - Ethnographic studies in the Russian expeditions around the world in the first half of the 19th century. p. 299.
Grozdova, I. N. - Materials on the ethnography of the peoples of Western Europe provided by Russian travelers (to the middle of the 19th century). p. 323.
Pershits, A. I. - History of Russian ethnographic observations in the Arabic countries of Asia. p. 343.

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1956.

Table of contents translated:

Tarakanova, S., Terent'eva, L., Cheboksarov, N. - Some questions relative to the ethnogeny of the peoples of the Baltic region. p. 3.
Domanovskii, L. V. - Folk songs, accounts, and stories about the Decembrists in prison and in exile. p. 18.
Simonenko, I. F. - History of pottery in Transcarpathia. p. 33.
Lebedinskii, L. - The "uzun-kiul," Bashkir folk musical and poetic classics. p. 46.
Oborin, V. A. - History of agriculture as practiced by the early Komi-Permyaks. p. 66.
Kolycheva, E. I. - The Nentsi of European Russia at the end of the 17th and beginning of the 18th century. p. 76.
Bruk, S. I. - Ethnic composition and distribution of the population in the Sinkiang Uigur Autonomous District of the Chinese People's Republic. p. 89.
Shevel', I. B. - Ethnic groups in the Sinkiang Uigur Autonomous District of the Chinese People's Republic. p. 95.
Chitaia, G. S. - Ethnographic Exhibition of Georgia. p. 106.
Karapetian, E. - Sixtieth anniversary of the Armenian ethnographic periodical "Azgagrakan Andes." p. 111.
Butnik-Siverskii, B. S. - Peasant dwellings in Kiev Province in the first half of the 19th century. p. 115.
Oranskii, I. M. - The "Afgon," linguistically Indo-Aryan ethnographic group in Central Asia. p. 137.
Pugachenkova, G. A. - Dragons of the mosque at Annau. p. 125.
Tumarkin, D. D. - Forgotten source [in German]. p. 130.
Zolotarevskaia, I. - Work by the Institute of Ethnography of the Academy of Sciences of the U. S. S. R. during 1955. p. 132.
Nersesov, G. - Ethnographic materials in the periodical "V zashchitu mira." p. 136.
Averkieva, IU. - First issue of the periodical "Anthropologica" [in English] (Ottawa). p. 146.
Ukhov, F. D. - "The Russian heroic epic." V. IA. Propp. p. 147.
Pushkarev, L. N. - "Materials on the history of the songs of the Great Patriotic War." V. IU. Krupianskaia, S. I. Mints. p. 150.
Kuzeev, R. G. - "The Bashkirs; historical and ethnographic studies." S. I. Rudenko. p. 154.
Kirdan, B. P. - "Ukrainian folk poetry in the Soviet period." p. 158.
Sidorova, IU. - "Fairy tales and songs of Vologda Province." p. 161.
Vinnikov, IA. R. - "The Lokai group of Uzbeks in Southern Tajikistan." B. Kh. Karmysheva. p. 162.
Gurvich, I. - "V. K. Arsen'ev, traveler and writer." M. K. Azadovskii. p. 164.
Arturov, O. A. - "Minority problems in southeast Asia" [in English]. Virginia Thompson, Richard Adloff. p. 166.
Arutiunov, S. - "Japanese ethnography" [in Japanese]. Taro Wakamori. p. 168.
Fainberg, L. - "Indian tribes of northern Mato Grosso, Brazil" [in English]. Kalervo Oberg. p. 170.

### b) GEOGRAPHY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geographical Series]. Moscow, no. 4, July-Aug. 1956.

Table of contents translated:

Academician Vladimir Afanas'evich Obruchev; obituary. p. 3.
Gerasimov, I.P., Pokshishevskii, V.V. - International geographical congresses. p. 4.
Avsiuk, G.A., Markov, K.K., Shumskii, P.A. - Cold desert in the Antarctic. p. 16.
Zenkevich, L.A. - The latest oceanographic studies of the northwestern Pacific Ocean. p. 26.
Grigor'ev, A.A. - Interrelation and interdependence of components of a geographic environment and the role of interchange of matter and energy in them. p. 38.
Gerasimov, I.P., and others. - Thermal and hydrological regime of the earth's surface, its role in the dynamics of natural processes, geographical differences, and methods of transforming it for practical purposes. p. 47.
Vasiutin, V.F. - Distribution of productive forces of the U.S.S.R. in the sixth five-year plan and tasks of economic geography. p. 60.
Krotov, V.A. - Development and distribution of productive forces of Eastern Siberia in the sixth five-year plan and some problems of geographical research. p. 76.
Pustovalov, L.V., Obruchev, V.V. - Comprehensive study of productive forces for 1915-1955 made by the Academy of Sciences. p. 85.
Medvedev, V.S., Albulatov, N.A. - Using "marked" sands for studying bottom drifting. p. 99.
Devdariani, A.S. - Direct measuring methods for thickness of alluvial layers and sedimentation. p. 103.
IAnitskii, N.F. - Geography in the European people's democracies. p. 114.
Moshchoriakov, IU.A., Timofeev, D.A. - French geomorphological journal. p. 121.
Alampiev, P.M., Blushgens, L.M., Gurari, E.L. - "Oxford regional economic atlas: The U.S.S.R. and Eastern Europe." p. 128.
Gornung, M.B. - Interuniversity geographical excursions in France. p. 136.
Mashbits, IA.G. - "Bibliography of the geography of Mexico" [in Spanish.] by A. Bassols. p. 140.
Rikhter, G.D. - "In memory of Academician L.S. Berg: Collected works on geography and biology." p. 142.
Fradkin, N.G. - "P.P. Semenov-Tian-Shanskii and his works on geography" by V.I. Chernyavskii. p. 143.
Bugaev, V.A. - "The natural zonal classification of climates of the world" by A.I. Kaigorodov. p. 146.
Riabchikov, A.M. - "Physical geography of Asia (excluding the U.S.S.R.)" by D. L. Armand and others. p. 152.
Pokrovskaia, T.V. - Scientific session in memory of A.I. Voeikov. p. 154.
Ponus, M.I. - Problems of geography at the tenth scientific meeting of the Western Siberian Branch of the Academy of Sciences of the U.S.S.R. p. 158.
Kotliakov, V.M. - Interdepartmental conference on the study of snow and snow cover. p. 160.
Epshtein, S.V. - Conference on geomorphological mapping. p. 163.
Riazantsev, S.N., Freikin, Z.G. - Work on regional economic geography of the U.S.S.R. p. 167.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Bulletin]. Moscow, vol. 88, no. 4, July-Aug. 1956.

Table of contents translated:

Sochava, V.B. - The most important tasks of Soviet geography in connection with directives of the 20th Congress of the Communist Party of the Soviet Union. p. 309.
Avsiuk, G.A., Markov, K.K., Shumskii, P.A. - Geographic observations in an Antarctic "oasis." p. 316.
Konstantinov, O.A. - Changes in location of industrial forces of the U.S.S.R. in the sixth five-year plan. p. 351.
Semevskii, B.N. - Geography and geography teaching in the Federal People's Republic of Yugoslavia (personal impressions). p. 364.
Gerenchuk, K.I. - Morphological structure of a geographical landscape. p. 370.
Tolokonnikova, T.K. - Program and contents of a course in the physical geography of the U.S.S.R. in pedagogical institutes. p. 376.
Shafranovskii, K.I. - Petersburg-Peterhof canal project begun in the 18th century. p. 380.
Pinkhenson, D.M. - Tsarists "organizers" and interests in developing the North. p. 382.
Preobrazhenskii, A.I. - The first economic transport atlas of Russia. p. 384.
Stupishin, A.V. - The first description of buried karst. p. 386.
Stupishin, A.V. - The first temperature observations in caves. p. 387.
Zamorskii, A.D. - Defining the concept of climate. p. 389.
Buchinskii, I.E. - One hundredth anniversary of the Kiev Meteorological Observatory. p. 390.
Zardalishvili, G.I., Abulov, V.L. - Georgii Nikolaevich Gekhtman. p. 393.
Dmitrevskii, IU.D. - S.T. Belozorov's "Africa," "Australia and Oceania." p. 394.
Zykov, I.V. - A new geographical map "Kuznetsk Basin." p. 396.
Izrailev, M.A. - M.S. Volobuev-Artemov's "Introduction to economic geography." p. 397.
Vol'f, M.B. - P.N. Stepanov's "Geography of the industry of the U.S.S.R." p. 399.
Shafranovskii, K.I., Kniazhetskaia, E.A. - V.G. Goncharov's "P.I. Solmonov, the first Russian hydrographer." p. 403.
Ioganzen, B.G., Slavutina, T.P. - "Izvestiia" of the Eastern Siberian division of the Geographic Society of the U.S.S.R. p. 404.
Baranskii, N.N. - Alfred Sauvy's "Europe and its population" [in French]. p. 406.
Zenkovich, V.P. - Kurt von Bulow's "General shore dynamics and protection in the southern Baltic between the Trawe and Swine Rivers" [in German]. p. 407.
Bernshtam, A.N. - IA.M. Svet's "In the footsteps of explorers and mariners of the East." p. 410.
Vo[illegible] M.P., [illegible] "Distribution of marine fisher-

G

Nachinkina, E. V. - Regional study activity during the student's out-of-school time. p. 57.
In the Soviet Union. p. 60.
Abroad. p. 65.
The 75 birthday of Nikolai Nikolaevich Baranskii. p.69.
Bibliography. p. 70.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHICAL INSTITUTE. Transactions]. Leningrad, no. 24(36), 1954. Gidrometeorologicheskie nabliudeniia kitoboinoi flotilii "Slava" v 1949/50 g. v Antarktike [Hydrometeorological observations of the whaling flotilla "Slava" in the Antarctic in 1949/50].

Table of contents translated:

Foreword. p. 3.
Tauber, G.M. - Expeditionary work in the Antarctic in 1949/50. p. 5.
Tauber, G.M. - Meteorological conditions of the 1949/50 observation season in regions navigated by the whaling boat "Slava-15." p.13.
Makerov, IU.V. - Hydrological conditions of the 1949/50 observation season in the region navigated by the whaling flotilla "Slava." p. 21.
Klepikov, V.V. - Ice conditions affecting navigation in the Antarctic during the 1949/50 season. p. 25.
Data on hydrometeorological and ice observations during 1949/50. p. 40.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Contents:

[Abstracts] Referaty 18429-20145. 235 p.

VOKRUG SVETA [AROUND THE WORLD]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 8, Aug. 1956.

Table of contents translated:

Zykov, I. - A word about forests. p.1.
Riddles of the desert; discussion with A.N. Formozov, doctor of biological sciences. p.7.
Simbirskii, L. - Talk with my son. p.8.
Aba, Istvan. - Golden grapes of Tokay. p.12.
Zhukovskii, A.V. - Parakeets. p.13.
Basket houses. p.14.
Kemmerikh, A. - Polar Urals. p.16.
Golubev, G. - Interplanetary news report. p.17.
Linnik, E. - Eskimos. p.22.
"Treasures of Erin-Baba." p. 24.
Zweig, Stefan. - Amerigo (to be continued). p.25.
Bakhtiarova, N. - Tuna fish goes into the trap. p.32.
Kovtunovich, O. - In the Nile Valley. p.33.
Melikhov, G. - Lantern festival. p.33.
Model', IU. - Antarctic diary. p.37.
Al'chevskii, A. - The smallest and the oldest. p.40.
Kukharenko, IU. - Slavic Pompeii. p.42.
Krumbgol'ts, R. - In the kingdom of the green sphinx. p.43.
Pavlov, N. - Submarine signals. p.47.
Galegos, Romulo. - Canaima; a novel (to be continued). p.49.
Karaev, O. - Tracks on Mount Sataplia. p.57.
Comphorus, the fairy fish. p.58.
Japanese raisin tree. p.58.
Tornado. p.59.
Moralevich, IU. - "Voyages into the cosmos." p.59.
Solov'ev, A. - Where virgin lands are reclaimed. p.61.

Pal'gov, N.N. - Dynamics of glaciers of Lepsa "Kora" of the mountain range Dzungarian Ala-Tau. p. 125.
Popova, G.Z. - Geomorphology of the volcanoes of Zhalair and the Karaganda Hills in central Kazakhstan. p. 144.
Kliuchnikov, IU.I. - Agroclimatic possibilities of extending winter and spring wheat planting in northeastern Kazakhstan. p. 153.
Gladysheva, E.N., Semenova, M.I. - Second Congress of the Geographic Society of the U.S.S.R. p. 159.

## c) GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Moscow, vol. 21, no. 6, June 1956.

Table of contents translated:

Academician Vladimir Afanas'evich Obruchev, hero of socialist labor; obituary. p. 5.
Peive, A.V. - Principle of primigeneity in tectonics. p. 11.
Graizer, M.I. - Structural features of Devonian and Carboniferous deposits of the southern wing of the Moscow Basin. p. 20.
Maslov, V.P. - Intervals in sedimentary deposits in Cambrian and Silurian variegated series of the southern Siberian Platform. p. 31.
Marinov, N.A. - Pre-Cambrian deposits of Mongolia. p. 47.
Radkevich, E.A. - Classification of tin ore deposits. p. 56.
Borodaevskaia, M.B. - Some petrogenetic features of small intrusion formations of the post-upper Jurassic period in one of the regions of eastern Transbaikalia. p. 70.
Loginov, V.P. - Metamorphized pyritic pebbles in upper Silurian conglomerates of Levikha in the central Urals. p. 92.
Gurvich, L.G., Khanaev, E.I. - Flame photometry method for determining potassium in rocks and minerals. p. 101.
Vlasov, K.A., Semenenko, N.P. - International colloquium on petrology. p. 110.
Sobolev, V.S. - Reply to V.P.Petrov's review "Concerning the Fedorov method and its place in the general system of optical research on crystalline substances." p. 116.
Ivanov, B.A. - The age of Carboniferous deposits in Transbaikalia; review. p. 119.
Literature on geology and related subjects acquired by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. in March, 1956. p. 120.
General meeting of the Department of Geological and Geographical Sciences. p. 127.

Vol. 21, no. 7, July 1956.

Table of contents translated:

Belov, N.A., Lapina, N.N. - Bottom deposits in the region covered by the "North Pole 2" drifting station. p. 3.
Grigor'ev, V.N., Repina, L.N. - Stratigraphy of Cambrian deposits along the western edge of the Siberian Platform. p. 17.
Miroshnikov, L.D. - Origin of graptolite shales. p. 25.
Nesterenko, L.P. - Stratigraphy of Permian deposits in the Donets Basin. p. 33.
Danchev, V.I. - Methods of studying colors of sedimentary rocks. p. 49.
Bogoliubova, L.I. - Determining the degree of metamorphism and the grade of clarian coals by the petrographic method using thin polished sections. p. 61.
Favorskaia, M.A. - Some secondary changes in acidic effusions in the southern Maritime Territory. p. 72.
Balasanian, S.I. - Origin of basic dikes in Armenia and adjacent regions of the Lesser Caucasus. p. 79.
Grechishnikov, N.P. - Oxidation zone in the northern section of the Saksagan region of the Krivoy Rog Basin. p. 85.
Bondarenko, O.B., Keller, B.M. - Silurian deposits of the Kuruil Valley in the Southern Urals. p. 90.
Laz'ko, E.M. - Some observations on granites of the Aldan shield. p. 95.
Padve, E.M., Sokolova, E.A. - New data on the stratigraphy of upper Devonian and lower Carboniferous deposits of the Dzhail'minskaya syncline in the Atasuyskiy region of central Kazakhstan. p. 98.
Belov, I.V. - Shoshonites of the Borgoyskaya Depression. p. 102.
Suslova, S.I. - Unusual instance of columnar structure in trap. p. 107.
Bankovskii, V.A. - Concerning the change in physical geography features in the upper Carboniferous of the Donets Basin in connection with the occurrence of tectonic movements. p. 111.
Obruchev, V.A. - Review of M.I. Lomonovich's book "Loess in Kazakhstan and its importance to the national economy." p. 114.
Obruchev, V.A. - Review of K.I. Lukashev's book "Main genetic types of Quaternary deposits in the U.S.S.R." p. 116.
Literature on geology and related disciplines received in the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during April, 1956. p. 117.
Sokolov, N.I. - Conference on the study of karst, January 30 to February 3, 1956. p. 126.

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions]. Moscow, no. 3, 1956

Title translated:

Sokolova, E.I., Listova, L.P., Valnshtein, A.Z. - Equilibrium systems of ferri- and ferrosilicate sulfates and chlorides. 66 p.

Title transliterated: Sokolova, E.I., Listova, L.P., Valnshtein, A.Z. - Ferrisilikatnye i ferrosilikatnye sul'fatnye i khloridnye sistemy ravnovesiia. 66 p.

AKADEMIIA NAUK SSSR. Institut geologicheskikh nauk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Geological Sciences. Transactions]. Moscow, no. 164, 1956. Geologicheskaia seriia [Geological Series], no. 71.

Table of contents translated:

Shutskaia, E.K. - Index Foraminifera in the stratigraphy of lower horizons of the Paleogene in central Ciscaucasia. p. 3.
Rengarten, V.P. - Some Cretaceous Rudista of Transcaucasia. p. 120.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 2, 1956.

Title translated:

Lapin, V.V. - Petrography of metallurgical and fuel slags. 323 p.

Title transliterated: Lapin, V.V. - Petrografiia metallurgicheskikh i toplivnykh shlakov. 323 p

No. 4, 1956.

Title translated:

TSvetkov, A.I., Val'iashikhina, E.P. - Materials on the thermal investigation of minerals. No. 3: Mica. 107 p.

Title transliterated: TSvetkov, A.I., Val'iashikhina, E.P. - Materialy po termicheskomu issledovaniiu mineralov. No. 3: Sliudy. 107 p.

AKADEMIIA NAUK SSSR. Kamchatskaia vulkanologicheskaia stantsiia. Kiyuchi. Biulleten' Vulkanologicheskoi stantsii na Kamchatke [ACADEMY OF SCIENCES OF THE U.S.S.R. Kamchatka Volcanic Station. Bulletin of the Kamchatka Volcanic Station]. Moscow, no. 24, 1956.

Table of contents translated:

Vlodavets, V.I. - Work of the International Volcanological Association at the Tenth General Assembly of the International Union of Geodesy and Geophysics. p. 3.
Piip, B.I. - State of active volcanoes of northern Kamchatka in 1954 (from Jan. 1 to Sept. 1). p. 14.
Basharina, L.A. - Fumaroles of Shiveluch Sopka during September-December, 1953. p. 21.
Sirin, A.N., Timerbaeva, K.M. - Ascent of Avacha Sopka in September, 1954. p. 26.
Markhinin, E.K. - The state of Mendeleyev Volcano in the summer of 1954. p. 33.
Markhinin, E.K. - Adaptability of steam- and hydrothermal phenomena to eruptive disturbances on Kunashir Island. p. 39.
Sirin, A.N., Timerbaeva, K.M. - Hot springs of the Karymshchina Valley. p. 47.
Sviatlovskii, A.E. - Two unusual volcanoes of Tolmachev Valley. p. 52.
Korsunskaia, G.V. - Volcanoes of Simushir Island. p. 61.
Shavrova, N.N. - Report on the radium content in lavas of volcanoes of the Klyuchevskaya group. p. 65.
Vlodavets, V.I. - Foreign volcanological research in the Pacific Ocean. p. 68.
Gorshkov, G.S. - The first eruption in recorded history of the Bezymyannaya Sopka (a telegraphic report). p. 70.
Errata. p. 71.

AKADEMIIA NAUK SSSR. Kazanskii filial, Kazan. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Kazan Branch. Geological Institute Transactions]. Moscow, no. 3, 1956.

Title translated:

Bludorov, A.P., and others. - Tertiary coal-bearing deposits of the central and southern regions of Bashkiria. 138 p.

Title transliterated: Bludorov, A.P., and others. - Tretichnye uglenosnye otlozheniia tsentral'nykh i iuzhnykh raionov Bashkirii. 138 p.

AKADEMIIA NAUK SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Commission on Determination of the Absolute Age of Geological Formations, Bulletin]. Moscow, no. 1, 1955.

Table of contents translated:

Foreword. p. 3.
Gerling, E.K. - Age relationships of granite intrusions of the Ukraine on the basis of argon method data. p. 5.
Afanas'ev, G.D. - New data on the age of magmatic rocks of the Northern Caucasus. p. 9.
Kosov, N.D., Cherdyntsev, V.V. - Emanation of minerals and determination of the absolute geological age. p. 22.
Starik, I.E., Starik, F.E., Petriaev, E.P. - Comparative leaching of uranium and radium isotopes from uraninite. p. 29.
Starik, I.E., and others. - Relation of emanating characteristics of uraninite to temperature on the basis of radon, thoron, and actinon. p. 33.
Starik, I.E., Melikova, O.S., Sobotovich, E.V. - Distribution of radioactive elements in different parts of uraninite. p. 39.
Starik, F.E. - New method of extracting small quantities of lead. p. 45.
Starik, I.E., and others. - Methods of ionium determination. p. 47.
Zhirov, K.K., Kurbatov, V.V. - X-ray measurement study of the suitability of monazites for determining the geological age. p. 53.
Gerling, E.K. - Discovery of inert gases in meteorites and their isotopic composition. p. 57.
Cherdyntsev, V.V., Meshkov, V.I. - Oscillations of neutron flux on the earth's surface. p. 61.
Shmonin, L.I., and others. - Determining the isotopic composition of uranium from the stone meteorite Staroye Pes'yanoye. p. 64.
Zadorozhnyi, I.K., Zykov, S.I. - Constant decay of radioactive elements used for determining geological age. p. 67.
Baranov, V.I. - Influence of external conditions on radioactive decay. p. 77.
Begoman, F., and others. - New method for determining the age of uranium minerals by means of the lead method. p. 80.

AKADEMIIA NAUK SSSR. Paleontologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Paleontology, Transactions]. Moscow, vol. 63, 1956. Materialy po zemnovodnym i presmykaiushchimsia [Materials on amphibians and reptiles].

Table of contents translated:

Preface. p. 3.
Konzhukova, E.D. - Inta Valley fauna of lower Permian deposits of the Northern Urals. p. 5.
Maleev, E.A. - Armored dinosaurs of upper Cretaceous deposits of Mongolia. p. 51.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vol. 8, 1955.

Title translated:

IAvorskii, V.I. - Stromatoporoidea of the Soviet Union. Part 1. 172 p.

Title transliterated: IAvorskii, V.I. - Stromatoporoidea Sovetskogo Soiuza. Part 1. 172 p.

--Supplement to Part 1.

Title translated:

Plates depicting Stromatoporoidea of the Soviet Union. 89 plates.

Title transliterated: Tablitsy izobrazhenii Stromatoporoidea Sovetskogo Soiuza. 89 plates.

OCHERKI PO ISTORII GEOLOGICHESKIKH ZNANII [STUDIES IN THE HISTORY OF GEOLOGICAL SCIENCE]. Issued by Geologicheskii institut Akademii nauk SSSR [Geological Institute of the Academy of Sciences of the U.S.S.R.] Moscow, no. 5, 1956.

Table of contents translated:

Povarennykh, A.S. - The Mineralogical Society during the first hundred years of its existence. p. 3.
Lebedev, A.P. - Main stages in the development of petrology in prerevolutionary Russia. p. 47.
Korovin, M.K. - Geological research along the Siberian railway at the end of the 19th and beginning of the 20th century. p. 71.
Gekker, R.F. - Paleontologists of the last century. p. 89.
Smirnov, G.A. - V.N. Tatishchev's role in the development of mining and geological prospecting in the Urals. p. 132.
Granina, A.N. - History of mineralogical research in Siberia; works of Grigorii Markianovich Permikin. p. 155.
Vernadskii, V.I. - History of mineralogy in Moscow University; in memory of professor IA.V. Samoilov. p. 176.
Zavaritskii, A.N., and others. - Scientific and organization activity of Karl Ivanovich Bogdanovich. p. 188.
Savel'ev, N.IA. - Geological survey of the Irtysh River in 1804. p. 213.
Rezvoi, D.P. - The first textbook on field geology in Russian. p. 219.
Kupletskii, B.M. - Classification of igneous rocks in Russia before 1917. p. 228.
Smirnov, V.I. - E.S. Fedorov's work on the geology of ore deposits. p. 239.
Lichkov, B.L. - F.IU. Loewinson-Lessing's ideas on secular oscillations of the earth's crust in the light of present-day views. p. 248.
Reznikov, A.P. - A.E. Lagorio's role in the development of petrology. p. 260.
Volkova, S.P., Soffano, T.A., Tikhomirov, V.V. - Short bibliography on the history of geological sciences in the U.S.S.R.; no. 5, geology of ore deposits. p. 277.
General index for "Studies on the history of geological sciences," nos. 1-4. p. 311.
General index for "Studies on the history of geological sciences," nos. 1-5 [in English]. p. 314.

## 13. SCIENCE

### a) GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Erivan, vol. 9, no. 1, 1948.

Table of contents translated:

Shaginian, A.L. - One class of quasi-analytical functions. p. 3.
Tumanian, B.E. - Potential gravitational energies of certain open star clusters [in Armenian with summary in Russian]. p. 7.
Martynov, V.P. - Universal index of the water power cycle of hydroelectric power stations and the hydroelectric power system. p. 11.
Shanshiev, A.K. - New methods for manufacturing precast prestressed concrete elements. p. 17.
Ianguliants, V.I., Azizian, T.A. - Synthesis of p-tert-butylphenoxyacetic acid. p. 23.
Gabrielian, A.A. - Stratigraphic position and age of the dolerite basalts of the Erivan region. p. 27.
Klopotovskii, B.A. - The "stone rings" of Mount Aragats, in Armenia. p. 33.
Zolotnitskaia, S.IA., Avakian, A.A. - Effect of thiocarbamide on the fruiting and root system of field crops. p. 39.
Meshkova, T.M. - Diaptomus anahitae sp.nov., a new copepod species in Armenia. p. 45.

Vol. 9, no. 2, 1948.

Table of contents translated:

Ambartsumian, G.A. - Poisson's problem for two ovoids and its application. p. 49.
Osepian, A.M. - Use of electric power in the production of iron alloys with seasonal restrictions on the consumption of electricity. p. 55.
Nazarov, A.G. - Some contact problems in the theory of shells. p. 61.
Arutiunian, N.Kh. - Solving the problem of the torsion of rods with polygonal cross section. p. 67.
Teterovnikova-Babaian, D.N. - Three new species of rust fungi found in the Armenian S.S.R. p. 75.
Narinian, S.G. - Age groups of Alpine "carpet" plants in connection with the different levels occupied by aerial and subterranean plant parts. p. 81.
Vereshchagin, N.K., Dal', S.K. - Occurrence of the porcupine in Transcaucasia. p. 85.
Ter-Minasian, M.E. - Three new species of blossom weevils of the genus Anthonomus Germ. (Curculionidae, Coleoptera). p. 87.
Mushegian, G.P. - Growth promoting substances of the liver and spleen. p. 91.
Simonian, A.T. - Vitamin C and malaria. p. 93.

Vol. 9, no. 3, 1948.

Table of contents translated:

Lebedev, M.M. - Topology in the analysis and synthesis of the commutation systems of distributing devices. Report no. 1: Principles of the method. p. 97.
Nalbandian, A.B. - Measurement of the quantum yield in the oxidation of methane, sensitized by mercury. p. 101.
Babalan, A.T., Terzian, A.G. - Synthesis of $\beta$-dialkylaminobutanones. p. 105.
Mkrian, G.M. - Cleavage of esters of acetylenic alcohols. Part 1. Cleavage of esters of 2-butyn-1-ol with potassium hydroxide. p. 111.
Gabrielian, A.A. - Tectonics of the Ararat Hollow. p. 117.
Kazarian, V.O., Egiazarian, A.M., Balagezian, N.V. - Changes in the photoperiod and the productivity of plants. p. 123.
Bagdasarian, A.T. - A new species of spider mites in Armenia. p. 129.
Bogachev, A.V. - New species of leaf beetles of the genus Luperus Geoffr. (Chrysomelidae, Galerucinae). p. 131.
Karapetian, S.K. - Effect of yeast on the laying of hens and hatching quality of eggs. p. 135.

Vol. 9, no. 4, 1949.

Table of contents translated:

Tovmasian, A.K. - Multiple diffusion of light in the presence of fluorescence. p. 145.
Gurzadian, G.A. - $L\alpha$ -radiation in interstellar space. p. 151.
Vil'chur, L.M. - Rate of lightning discharges in the Armenian S.S.R. p. 157.
Babakhanian, A.B. - Frequency controllers in the electric power system. p. 163.
Chaltykian, O.A., Ogandzhanian, K.R. - Thermodynamics of solutions of cupro-complexes. Part 3: Activity coefficient and composition of cupro-complex anions in calcium chloride solutions. p. 169.
Vardaniants, L.A. - Twin triad of andalusite and its syngony. p. 175.
Narinian, S.G. - Seasonal dynamics of the Alpine "carpets" of Aragats. p. 179.
Rekk, G.F., Bagdasarian, A.T. - New genus of the family Tetranychidae (Acari) in Armenia. p. 183.
Grigorian, M.S. - Effect of histamine and acetylcholine on the contraction of the uterus. p. 187.

Vol. 9, no. 5, 1948.

Table of contents translated:

Vil'chur, L.M. - Quantitative correlations of different types of lightning discharges in the Armenian S.S.R. p. 193.
Lebedev, M.M. - System of increased flexibility for multifeeder distributing devices. p. 199.
Ambartsumian, S.A. - Symmetrically loaded anisotropic shells of revolution. p. 203.
Moskaleva, V.E. - Changes in the anatomical structure of wood under the action of mechanical agents. p. 207.
Ivanova, Anna. - Evolution of nectaries in actinomorphic plants of the crowfoot family. p. 213.
Kazarian, V.O. - Dynamics of the transmission of plastic matter from leaves to the axillary shoots in Perilla during various phases of its ontogenetic development. p. 219.
Gulkanian, V.O., Oganesian, S.G. - Nature of the splitting of wheat hybrids obtained by zonal pollination. p. 225.
Kocharian, E.G. - Variability of heredity in vegetative melon-pumpkin hybrids [in Armenian with summary in Russian]. p. 231.

Vol. 11, no. 1, 1949.

Table of contents translated:

Shaginian, A.L. - Best approximations in a non-Jordanian domain. p. 3.
Nazarov, A.G. - Biharmonic equation in contour derivatives. p. 7.
Tovmasian, A.K. - Multiple diffusion of light in the presence of fluorescence. p. 9.
Mkhitarian, V.G., Egiian, V.B. - Effect of choline and colamine on the oxidation of adrenaline. p. 19.
Vardaniants, L.A. - Andesite basalts of Arzni (Armenia) containing quartz. p. 25.
Aslanian, A.T. - History of the origin of the Ararat Hollow. p. 29.
Tumanian, M.G. - Genesis of oats as field weeds. p. 35.
Esaian, G.S. - Effect of the age of the maternal plant and its ovule on the development of recessive characters in the first generation of tomato hybrids. p. 45.

Vol. 11, no. 2, 1949.

Table of contents translated:

Badalian, G.S. - New star association in Cassiopeia. p. 49.
Gurzadian, G.A. - Field of $L\alpha$ -radiation in a medium of interstellar hydrogen around a moving star. p. 53.
Ambartsumian, S.A. - Calculation of laminated shells of revolution. p. 59.
Dal', S.K. - Suslik of the upper Quaternary deposits in the southern part of Transcaucasia. p. 67.
Zakharian, G.P. - Increasing the nutritive value of straw and concentrated feeds by chemical and biological treatment and its effect on the productivity of farm animals. p. 73.

Vol. 11, no. 3, 1949.

Table of contents translated:

Egiazarian, V.G. - Effect of certain technological factors on the work of electric mullite furnaces. p. 81.
Vardaniants, L.A. - Basic principles of the triadic theory of twin crystals and some conclusions. p. 87.
Terterian, A.E. - Description of two new species of midges (Diptera, Simulidae) from Armenia. p. 93.
Shul'ts, R.S., Kastorskii, D.I. - On the study of helminths of the Caucasian bear (Ursus arctos caucasicus Smirn., 1919) and discovery of Gongylonema pulchrum (Mol., 1860) parasite on it. p. 99.
IUzbashian, I.R. - Variability of branched wheat under the effect of chemical fertilizers. p. 105.

Vol. 10, no. 4, 1949.

Table of contents translated:

Tonian, V.A. - Montel's problem. p. 145.
Ambartsumian, V.A. - Observation of the Galaxy as a spiral system. p. 149.
Gurzadian, G.A. - Order of the formation of stars in associations. p. 153.
Tatevosian, S.IA. - Preventing synchronous motors from falling out of step. p. 157.
Pogosian, A.V. - Effect of tannides and nontannides

(extracted by water) on the quality of vegetable-tanned leather and the importance of methods used in their determination. p. 161.
Buniatian, G. Kh., Mkhitarian, V. G., Egian, V. B. - Participation of oxypurines in adrenaline exchange. Part 3. Effect of oxypurines on the oxidation of pyrocatechin and adrenaline in the presence of phenolase. p. 167.
Ter-Karapetina, M. A. - Enzymatic character of the formation of thiosulfate in higher vertebrates. p. 173.
Vardaniants, L. A. - Pumice sands of the Elar region (Armenia). p. 179.
Tonian, TS. R. - Various blossom forms of Merendera trigyna. p. 183.
Rekk, G. F., Bagdasarian, A. T. - Description of new species of the genera Petrobia and Tetranychina (Tetranychidae, Acarina). p. 189.

Vol. 10, no. 5, 1949.
Table of contents translated:
Mirzoian, L. V. - Statistics of double stars of the Wolf-Rayet type. p. 193.
Dombrovskii, V. A. - Polarization of the radiation of stars of earlier spectral types. p. 199.
Ambartsumian, V. A. - Star association in Cepheus. p. 205.
Babakhanian, A. B. - Method for evaluating frequency changes in the electric power system. p. 209.
Ogandzhanian, A. M. - Occurrence of Ixodes vespertilionis Koch, 1844 (Acarina, Ixodidae) in the Armenian S. S. R. p. 219.
Ter-Karapetian, M. A., Avakian, Sh. A., Arutiunian, G. S. - Effect of environmental conditions on the budding of Torulopsis armeniaca. p. 223.
Gazarian, E. S. - Iron-ocherous paste made from the deposit sediments of "Dzhermuk" mineral waters. p. 229.

Vol. 12, no. 3, 1950.
Table of contents translated:
Minasian, R. S. - One problem in thermal conductivity. p. 65.
Eglazarian, V. G. - Effect of the voltage level on the work of mullite furnaces. p. 73.
Magak'ian, A. K. - Some new data on the flora of the Armenian S. S. R. p. 79.
IAroshenko, G. D. - New way of describing a grass stand by the "method of relative domination." p. 83.
Dal', S. K. - New data on the birds of the Armenian S. S. R. p. 87.
Movsisian, E. M. - Plant culture vessel for automatic watering and measuring of evaporation without weighing. p. 91.

Vol. 15, no. 1, 1952.
Table of contents translated:
Saakian, G. S. - Proton stoppage of extremely relativistic electrons. p. 3.
Markarian, B. E. - Revised list of the O-type star associations. p. 11.
Grigorian, L. A. - Transitional processes in magnetic amplifiers used in regulation circuits. p. 17.
Challykian, O. A., Atanasian, E. N., Sarkisian, A. S. - Kinetics of the reactions of peroxides with amines. p. 23.
Dal', S. K. - Birds of the Far North new to the Armenian S. S. R. and the origin of their migration route over Sevan. p. 27.

Vol. 15, no. 2, 1952.
Table of contents translated:
Kocharian, N. M., and others. - Investigating the spectrum of meson masses at an altitude of 1000 m. above sea level. p. 33.
Challykian, O. A., Atanasian, E. N., Sarkisian, A. S. - Kinetics of the reaction of peroxides with amines. p. 41.
Bagdasarian, A. T. - Chaetological characteristics of the postembryonal development of spider mites. p. 47.
Rubtsov, I. A., Terterian, A. E. - Little known and new species of midges (Diptera, Simulidae) from the Armenian S. S. R. p. 57.

Vol. 15, no. 3, 1952.
Table of contents translated:
Kocharian, N. M. Saakian, G. S. - Nonionization losses of high-energy protons. p. 65.
Oganesian, L. A. - Transverse circulation at the bend of a pressure pipe. p. 71.
Grigorian, L. A. - Transitional processes in magnetic amplifiers with flexible feedback coupling, used in regulation circuits. p. 79.
Gambarian, P. P. - Characteristic features of the burrow structure of the subterranean vole Prometheomys schaposnikowi. p. 85.
Terterian, A. E. - New species of midges (Diptera, Simulidae) from the Armenian S. S. R. p. 89.

Vol. 15, no. 5, 1952.
Table of contents translated:
Garibian, G. M. - Inner conversion of gamma rays with pair generation. p. 129.
Grigorian, L. A. - Transitional processes in multistage magnetic amplifiers with internal feedback coupling. p. 135.
Vardaniants, L. A. - Role of multiple twinning in crystal structure. p. 139.
Egoian, V. L. - Upper Turonian in the Vedi River basin (Armenian S. S. R.). p. 143.
Akramovskii, N. N. - A new species of the genus Pyrgula Cristof. & Jan. (Prosobranchia, Hydrobiidae) found in Soviet Armenia and not heretofore known in the U. S. S. R. p. 149.
Akhumian, K. S. - Detection of the intermediary hosts of tapeworms Ratlietina echinobothrida (Megnin, 1881) and R. tetragona (Molin, 1858) (Cestoda, Davaineidae), causative agents of chicken ratlietiniasis. p. 153.

Vol. 16, no. 2, 1953.
Table of contents translated:
Mirak'ian, G. M. - One convergent process of approximating continuous functions. p. 33.
Kocharian, N. M., and others. - Angular distribution of protons. p. 39.
Vardaniants, L. A. - Reasons for the dominant role of the second pinacoid in plagioclase twins. p. 45.
Kemularia-Nataдze, L. M. - New species of the genus Hieracium L. from Armenia. p. 49.
Shtakel'berg, A. A., Terterian, A. E. - Morphological structure of appendixes of the female genital apparatus of horseflies (Diptera, Tabanidae). p. 53.

Vol. 16, no. 4, 1953.
Table of contents translated:
Ambartsumian, V. A. - Protostars. p. 97.
Mkrian, G. M., Papazian, N. A. - Hydration of dimethyldiacetylene. p. 103.
Challakhian, M. Kh. - Relationship between photoperiodism and basic physiological processes in plants. p. 109.
Darevskii, I. S. - Systematic position of the Transcaucasian variegated desert lizard Eremias arguta (Pallas) (Reptilia, Sauria). p. 117.
Koshtoiants, Kh. S., Oganesian, S. S. - Generation of potential currents in muscles during controlled changes in the structure of protein bodies and metabolism. p. 123.

Vol. 16, no. 5, 1953.
Table of contents translated:
Mirzoian, L. V. - One parameter of a continuous star spectrum. p. 129.
Nazarov, A. G. - Evaluating energy dissipation in elastic vibrations. p. 137.
Atsagorskian, Z. A. - Correlation between the strength of porous material and the degree and nature of porousness. p. 141.
Khnzorian, S. M. - Tanyproctus (Tetraproctus) antennatus sp. nov., a new representative of the family of leaf-horned beetles (Coleoptera, Scarabacidae) from the Armenian S. S. R. p. 149.
Oganesian, S. S. - Relationship between bioelectric phenomena and glycolysis in muscle. p. 151.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku.
Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Reports], Baku, vol. 12, no. 6, 1956.
Table of contents translated:
Khalilov, Z. I. - Investigating the asymptotic stability of solutions of boundary problems for equations with partial derivatives. p. 375.
Kashkai, M. A., Mamedov, A. I. - Perlites and obsidians of Azerbaijan. p. 379.
Tochilov, V. I., Gol'dshtein, S. B. - Climatological zoning of Azerbaijan in the light of hygienic requirements. p. 391.
Gadzhiev, A. A. - Determining the concentrations of ether vapors in the blood under inhalation narcosis and in patients subjected to essential oil injection anesthesia. p. 397.
Karaev, A. I., and others. - Obtaining and standardizing heparin preparations from the lungs of cattle. p. 405.
Khalilov, G. R. - Increasing carotene content in the tops of gramineous grasses [in Azerbaijani with summary in Russian]. p. 415.
Kasimova, G. S. - Influence of a stimulant of petroleum origin on the development of Azobacter and other bacteria in pure cultures. p. 421.
Giul'akhmadov, A. N. - Influence of a growth promoting substance of petroleum origin on the growth and development of some perennial plants. p. 427.

Vol. 12, no. 7, 1956.
Table of contents translated:
Abdullaev, G. B., Talibi, M. A. - Effect of gamma and X rays on selenium rectifiers. p. 435.
Khalilov, A. Kh., Rzaeva, S. Z. - Relation between the intensity of Raman spectra lines and the frequency of the exciting light. p. 441.
Abaszade, A. K. - Some thermal properties of paraffin hydrocarbons. p. 449.
Pavlov, P. P., Khovanova, A. M. - Snuffing out fires of oil and petroleum products on free surfaces in tanks. p. 453.
Bagbanly, I. L. - Solubility of not readily soluble complex compounds of certain cations formed under the influence of Reinecke salt. p. 459.
Aliev, M. M. - A new species of Inoceramus. p. 463.
Akhmedbeili, F. S. - Oil-bearing possibilities of the offshore region of northeastern Azerbaijan. p. 467.
Suleimanov, M. K., Pashaly, N. V. - Lithology of Quaternary deposits in the northeastern region of the Baku Archipelago. p. 471.
Kerimov, A. D. - Petrochemical characteristics of the Mekhmaninskiy granitoid intrusion. p. 479.
Seidov, A. G. - Mineralogy of clays of the Maikop series in the Kazakhmamedtepe region [in Azerbaijani with summary in Russian]. p. 485.
Feizullaev, A. V., Gashimova, A. I. - Effectiveness in treating neuritis of a facial nerve with saline-alkaline mineral water from the Lenin petroleum region of Baku (by cross section galvano-ionization diathermy). p. 491.
Abdullaev, M. S. - Histological structure of a submaxillary ganglion. p. 499.
Aliev, R. K., Odzhukhverdizade, S. R. - Effect of nitrogen bases of Naftalan petroleum on the uropoietic function of kidneys. p. 505.
Radzhably, A. D. - Methods of altering characteristics of peaches [in Azerbaijani with summary in Russian]. p. 513.
Guseinov, B. Z. - Effect of fossil organic matter of petroleum origin on the growth and development of tree seedlings. p. 519.
Mamedbeili, G. D. - History of the discovery of America. p. 525.

Vol. 12, no. 8, 1956.
Table of contents translated:
Imanov, L. M. - Internal fields in polar fluids. p. 531.
Zoz, A. P. - A particular instance of movement of an elastic fluid in an elastic layer. p. 537.
Kadymov, IA. B. - Methods of studying the stability of automatic control systems having distributed parameters. p. 543.
Mamedaliev, IU. G., and others. - Catalytic dehydrogenation of isopentenes into isoprene. p. 547.
Shikhiev, I. A., Shostakovskii, M. F., Komarov, N. V. - Research in the synthesis and conversion of unsaturated silicon organic compounds. p. 553.
Salaev, S. G. - Some problems of exploratory drilling with continuous withdrawal of cores in Azerbaijan. p. 557.
Kirichenko, A. N. - Fauna of the Binagady kir layers. p. 563.
Aliev, M. M., Abdullaev, R. N. - Cretaceous deposits of the Akstafachay-Khram interfluve. p. 565.
Akhundov, M. A. - Effect of the growth promoting substance of petroleum origin on the growth and development of chicks [in Azerbaijani with summary in Russian]. p. 575.
Aliev, F. F. - Some data on the propagation and growth of raccoons (Procyon lotor L.) p. 583.
Karaev, A. I., and others. - Obtaining campolon from sturgeon liver. p. 593.
Rzazade, R. IA. - New species of Astragalus in the Azerbaijan S. S. R. p. 597.
Gasanov, I. M. - Relations of production in a state village of Azerbaijan at the end of the 19th century [in Azerbaijani with summary in Russian]. p. 599.

Vol. 12, no. 9, 1956.
Table of contents translated:
Kuznetsov, V. P. - A characteristic of Shemakha earthquake foci causing disagreement in determining coordinates of epicenters. p. 611.
Krat, V. A., Sobolev, V. M. - Excitation of helium in the solar chromosphere. p. 617.
Mamedaliev, IU. G., and others. - Study of the pentane-pentene fraction of thermal cracking. p. 623.
Miskarli, A. K., Gasanova, T. G. - Structural and mechanical properties of clay solutions in relation to their mineralogical composition and colloidal-chemical character. p. 629.
Bagbanly, I. L. - Volumetric iodatometry for the determination of small quantities of copper. p. 639.
Sultanov, A. D., Tamrazian, G. P. - Lithologic and stratigraphic basis for the rhythmic structure of the pay stratum of the Apsheron oil-bearing region. p. 643.
Aliev, G. A. - Lower Cretaceous deposits in the region of the Bartiaz Hills in the Lesser Caucasus. p. 651.
Kasimova, G. S., Babaeva, T. A. - Effect of a stimulant, extracted from petroleum industrial waste, on the development and antibiotic activity of certain fungi [in Azerbaijani with summary in Russian]. p. 655.
Belbutov, R. A. - Combined method for combating the soft pseudo scale Coccus hesperidum L. p. 661.
Agaev, IU. M. - Anatomical drought-resistant characteristics of the Caucasian hackberry. p. 665.
Konovalov, I. M., Giul', A. K. - Water-retention capacity of creeping slopes. p. 675.
Alliarov, S., Umaev, N. - Participation of young Azerbaijani students in the revolution of 1905-1907 [in Azerbaijani with summary in Russian]. p. 683.

AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S. R. Reports], Moscow, vol. 108, no. 5, June 1956.
Table of contents translated:
MATHEMATICS:
Al'ber, S. I. - Dual homological sequences. p. 763.
Glasko, V. B. - Some problems on characteristic values, involving a small parameter. p. 767.
Rutman, M. A. - Stability of solutions of certain systems of linear differential equations with variable

MATHEMATICAL PHYSICS
Belousov, V. V., Ivashkin, A. V. - A method of calculating stationary solutions for ferromagnetic media with allowance for relaxation on the spin wave [illegible] p. 1029.
PHYSICS
Bolotov, Yu. L. - Determination of characteristic values and spatial eigenfunctions by means of quantum statistical [illegible] p. 1014
Bogoyavlenskii, V. M., Petrunin, Yu. M. - Effect of the ionization [illegible] on heavy nuclei p. 1047.
Bolotov, V. N. - On a stable model in the quantum [illegible] p. 1181
Stepanov, B. M. - On certain [illegible] of [illegible] p. 1045
ASTRONOMY AND GEODESY
Ivanov, P. N. - Relation between atoms and deformations in [illegible] with allowance for the Bliss function p. 1047
ASTROPHYSICS
Bogdan, S. V. - Motion of a [illegible] in atmospheres [illegible] p. 1071.
GEOPHYSICS
Bogdanovskaya, K. V., Bondar, G. I. - Structure of the Kuznetsk synclinorium from data of seismic and [illegible] p. 1042.
Voitov, Yu. N. - Scientific [illegible] of the world ocean [illegible] p. 1201.
HYDROMETEORS
Bogdanovskaya, K. P., Bondarenkova, V. A., Likhodeeva, K. D. - Effect of [illegible] on [illegible] from a 70 Mev beta-[illegible] p. 1045.
Bogdanovskaya, K. P. - Influence of [illegible] elements and blood [illegible] on [illegible] p. 1045.
EXPERIMENTAL PHYSICS
Bogdanov, A. A. - Diffraction contacts and [illegible] p. 1054.
Bondar, Z. A. - Some [illegible] of [illegible] p. 1045.
Bondarenko, V. A., Bondarenko, N. D., Likhodeeva, K. D. - Effect of [illegible] on [illegible] p. 1045.
GENERAL QUESTIONS OF BIOLOGY
Bogdanov, A. A. - Dialectics and [illegible] p. 1045.
Bogdanov, A. A. - Some [illegible] of [illegible] p. 1045.
Bogdanov, A. A., Bogdanova, N. N., Kuznetsov, A. V. - Physical mechanism of [illegible] in the gas phase p. 1045.
Bogdanov, M. A., Kuznetsov, V. V. - Origin of [illegible] of the [illegible] of polymethylmethacrylate p. 1045.
Bogdanova, G. V., Vasilenkova, L. V., Nikolaev, F. M. - Investigation of [illegible] in Nalchik, the [illegible] and physical features of [illegible] and [illegible] p. 1045.
Bogdanov, B. G. - Dependence of photographically active [illegible] on [illegible] by [illegible] p. 1045
Bogdanov, V. M., Bogdanova, N. N. - X-ray study of the [illegible] system. p. 1045.
HUMAN GEOGRAPHY
Bogdanov, A. A., Kuznetsova, K. A. - Some geochemical characteristics of lower Paleozoic deposits of the basin of the middle reach of the Vilyui River. p. 1045
Bogdanov, V. V. - Accumulation of [illegible] chemical elements in [illegible] of sedimentary. p. 1045.
Bogdanov, V. M. - Carbonate equilibrium in [illegible] mineral waters. p. 1047.
Bogdanov, B. A. - Redox potential of the Black Sea water. p. 1045.
BIOCHEMISTRY
Bogdanov, A. A., and others. - Some data on the [illegible] formation within the system [illegible] p. 1045.
AGRICULTURAL CHEMISTRY
Bobkova, M. A., Amanov, N. P., Gorbatenko, V. K. - Climate and fruit-[illegible] in [illegible] and with [illegible] minerals. p. 1045.
CHEMICAL TECHNOLOGY
Varela, V. V., Krasnikov, M. I. - Thermal expansion of [illegible] containing sodium silicate glass. p. 1047.
Zakharchenko, I. A. I., Baltser, V. N., Rozenberg, T. I. - Crystallization theory of solidification of binding [illegible] substances. p. 1047.
GEOLOGY
Gerasimov, M. G., Nesterov, G. I. - New [illegible] of [illegible] beds at the northern coast of the Aral Sea. p. 1041.
Kroter, B. P., Zolova, T. I. - Regular patterns in the distribution of bauxite deposits in the Urals. p. 1044.
Markovskii, M. L. - New coal-bearing regions in the eastern part of the Russian Platform. p. 1045.
Mikhailov-Mokiul, A. D. - Biostratigraphic subdivisions of the upper Paleozoic in the Kara-Chatyr Mountain Ridge (South Fergana). p. 1052.
PETROGRAPHY
Lurie, E. M. - Crystal-bearing quartz veins p. 1047.

Lysenko, M. P. - Loess-like rock from the river-valley terrace of the Yeralka River (Southern Urals). p. 1160.
Ostrovskii, I. A. - Experiments on biotite - water and fayalite - water systems and some observations concerning the role of hydrogen in granite magma. p. 1164.
PALEONTOLOGY:
Kolesnikov, Ch. M. - New Mesozoic Unionidae from the coal-bearing deposits in the Lake Gusinoye region. p. 1167.
HISTOLOGY:
Gratsianskaia, A. M. - Morphological changes in the tongue following the transection of the glossopharyngeal nerves. p. 1171.
Korzhuev, P. A., Kruglova, G. V. - Muscular haemoglobin in Testudo horsfieldi. p. 1173.
ECOLOGY:
Bogdanov, O. P. - Changes in herpetofauna occurring under the influence of irrigation. p. 1177.
MICROBIOLOGY:
Gauze, G. F., Kochetkova, G. V. - Variability and variants of the albomycin-producting Actinomyces subtropicus. p. 1179.
Fedorov, M. V., Sergeeva, R. V. - Effect of cyanides on the reduction of nitrates by denitrifying bacteria. p. 1182.
PLANT MORPHOLOGY:
Artiushenko, Z. T. - On the origin of the double-type stock flowers (Matthiola incana R. Br.). p. 1187.
PLANT PHYSIOLOGY:
Lerman, P. I. - Variation in carbohydrate metabolism of oat in connection with high soil moisture. p. 1191.
Limar', R. S. - Effect of elevated soil temperatures on the growth and development of oats at different stages of ontogenesis. p. 1194.
EXPERIMENTAL MORPHOLOGY:
Murtazi, F. F. - Effect of elevated temperatures on the change in the development rate of chicken embryos. p. 1197.
Subject index. p. I-IX.
Author index. p. X-XII.

Vol. 109, no. 1, July 1956.
Table of contents translated:

MATHEMATICS:
Budak, B.M. - Straight line method for certain boundary problems. p. 9.
Vinogradov, V.S. - Neuman's problem for a partial differential equation of elliptic type. p. 13.
Danilfuk, I.I. - Integral representations of solutions of certain elliptical systems of the first order upon surfaces and their use in the theory of thin shells. p. 17.
Il'in, V.A. - Proof to the effect that a function with a singularity can be expanded into a series of characteristic functions. p. 21.
Mergelian, S.N. - Bernstein's approximation problem. p. 25.
Muchnik, A.A. - Separability of recursive enumerable sets. p. 29.
Nikol'skii, S.M. - Dirichlet problem for angular domains. p. 33.
Suetin, P.K. - Representation of analytical functions by series in orthogonal polynomials. p. 36.
Chudov, L.A. - New version of the inverse Sturm - Liouville problem on a finite interval. p. 40.
IAnenko, N.N. - Progressive waves of systems of quasilinear equations. p. 44.
THEORY OF ELASTICITY:
Kompaneets, A.S. - Shock waves in a plastic compressible medium. p. 49.
Mikhailov, B.M., Vaver, V.A. - Organoboron compounds. The preparation of complex compounds of unsymmetric boron triaryls. p. 94.
Soborovskii, L.Z., Zinov'ev, IU.M., Muler, L.I. - Oxidizing chlorophosphination of chlorine substituted olefines. p. 98.
Talalaeva, T.V., Nad', M.M., Kocheshkov, K.A. - Etherates and dioxanates of lithiumorganic compounds. p. 101.
Freidlin, L.Kh., Balandin, A.A., Nazarova, N.M. - Catalytic alkylation of normal heptane by propylene and of normal butane by butylene at high temperatures and high pressures. p. 105.
Khromov, S.I., and others. - Contact transformations of 1,1'-dimethyldicyclohexyl in the presence of platinized carbon. p. 109.
Shostakovskii, M.F., Kochkin, D.A. - Inquiries into the synthesis and transformations of silicon vinyl compounds. The synthesis of vinylalkyldichlorosilanes by the interaction of alkyldichlorosilanes with acetylene. p. 113.
Shusherina, N.P., Lur'e, M.IU., Levina, R.IA. - Cyanoethylated ketones in the synthesis of unsaturated -lactones. A new method of $\Delta$ -pyrone synthesis. p. 117.
PHYSICAL CHEMISTRY:
Almazov, A.B., Bochvar, D.A. - Calculation of the -electron density in monosubstituted benzenes by means of the "metallic model." p. 121.
Kuznetsov, V.D., Lockutov, A.I., Kisurina, L.M. - Influence of lubrication upon the friction process. p. 124.
Palatnik, L.S. - Type determination of alloy equilibrium diagrams in the high temperature range by spectral analysis. p. 127.
Tatevskii, V.M. - Evaporation heats, vapour pressures and boiling points of paraffins (alkanes). p. 131.
Fedorova, A.I., Vidovich, G.L. - Diffusion kinetics of turbulent state in mixing. p. 135.
GEOCHEMISTRY:
Gorbov, A.F. - Carbonate formation processes in Inder borate beds. p. 139.
Ovchinnikov, L.N. - Geochemical mobility of elements from experimental data. p. 141.
IUrk, IU.IU. - Hydration of iron-oxides and their transformation into hydroxides (illustrated by data from Krivoi Rog). p. 144.
BIOCHEMISTRY:
Belozerskii, A.N., Asceva, I.V., Moroz, A.F. - Comparative study of the quantitative contents of nucleic acids in the cultures of certain bacteria, sensitive or resistant to grizemine and streptomycine. p.149.
Kolesnikov, P.A., Emenova, S.V. - Action of light and glycolate upon the glycolic acid oxidase in plants (to the problem of the so-called "adaptation" of seedlings). p. 152.
Kudriashov, B.A., Kalishevskaia, T.M., Sharova, IU.A. Comparative study of thermostability of prothrombokinase and thrombokinase. p. 156.
Lebedev, S.I., IArtseva, I.A. - Polysaccharides of the red seaweed Phyllophora nervosa. p. 160.
Panteleeva, N.S., Ushakov, B.P. - Comparative study of inactivation temperatures of muscle adenosintriphosphotase in Bufo bufo L. and Bufo bufo verrucosissima Pall. p. 164.
GEOLOGY:
Vyshemirskii, V.S., Varlamov, I.P. - Phases of quaternary glaciation in western Verkhoyansk. p. 167.
Goroshnikov, B.I. - Igneous rocks in the pebble conglomerates of the lower beds of the Krivoi Rog metamorphic series. p. 169.
Dymkin, A.M., Solontsov, L.F., Ellern, S.S. - Some new data on the rocks of the diabasic formation in the east of the Russian Platform. p. 173.
Larionova, E.N. - Characteristics of the Devonian on the Vyatka River, near Sovetsk. p. 176.
Nikolaev, V.A. - Stratigraphy of the Khozar deposits of the Lower Volga region. p. 180.
Ryzhikov, D.V. - Formation of depression funnels in sinkhole-regions. p. 183.
Stankevich, E.F. - Developmental history of the surface-water network in the northeastern regions of the European part of the USSR. p. 187.
MINERALOGY:
Rateev, M.A., Kotel'nikov, D.D. - New finds of -sepiolites in the Carboniferous of the Russian Platform. p. 191.
PETROGRAPHY:
Tarakanova, E.I. Carbon xenoliths in effusive rocks. p. 195.
!TOLOGY:
!din, L.S. - Electron microscope examination of the human epidermis. p. 197.
/Inson, L.B., Leikina, M.I. - Morphological and histochemical investigation of motor and sensory nerve cells in chicken embryos at different development stages. p. 201.
OLOGY:
'yshin, N.I. - Photoperiodic reaction in the Colorado beetle (Leptinotarsa decemlineata Say). p. 205.
OROBIOLOGY:
ikhiainen, M.I. - Some regularities in the vernal development of phytoplankton from the eastern part of the Murman Coast. p. 209.
I'ANY:
dkova, A.N. - Pollen of certain living and fossil species of the genus Myrica L. p. 213.
PLANT PHYSIOLOGY:
Omarov, D.S. - Effect of autumnal conditions on the soluble carbohydrate content in spring wheat transformed into winter wheat. p. 217.
PHYSIOLOGY:
Gambarian, L.S. - Spinal shock resulting from traumas of the posterior spinal column. p. 221.
Demirchoglian, G.G., Allakhverdian, M.A. - Light sensitivity of the visual analyser under conditions of cortical inhibition. p. 225.
Malorov, F.P., Firsov, L.A. - Study of sleep dynamics in the chimpanzee. p. 229.
Malinovskii, O.V. - Quantitative evaluation of the strength and equilibrium of nerve processes in rabbits. p. 233.
Shvarts, S.S., Smirnov, V.S., Krotova, L.G. - Characteristics if axerophthol accumulation in Ondatra zibethica under natural conditions. p. 236.
PARASITOLOGY:
Pervomaiskii, G.S., Chagin, K.P., Boldyrev, S.T. - New distribution of the tick Ornithodorus talaje Guerin-Meneville, 1849 found in the U.S.S.R. p. 238.

Vol. 109, no. 2, July 1956.
Table of contents translated:

MATHEMATICS:
Alenitsyn, IU. E. - Contribution to the theory of schlicht functions and Biberbach - Eilenberg functions. p. 247.
Gribar', M. I. - Substitution for time in dynamical systems. p. 250.
Danilluk, I. I. - General elliptical system of the first order and automorphous quasianalytical functions upon surfaces. p. 253.
Zadiraka, K. V. - System of nonlinear differential equations, containing a small parameter in certain derivatives. p. 256.
Korobkov, V. K. - Realization of symmetric functions in the class of $P$ -circuits. p. 260.
Mal'tsev, A. - Subdirect unions of models. p. 264.
Maslov, V. P. - Perturbation theory for the transition from discrete spectrum to continuous spectrum. p. 267.
FLUID MECHANICS:
Korobeinikov, V. P. - A problem on strong point explosion in a gas when the temperature gradient is zero. p. 271.
HYDRAULICS:
Ananian, A. K. - Distribution of turbidity in a flow with transverse circulation. p. 275.
MATHEMATICAL PHYSICS:
Martynov, G. A. - On the solution of Stefan's reverse problem on semispace when the phase boundary moves according to a linear law. p. 279.
PHYSICS:
Zimin, A. G., IAshin, N. M. - Quadrupole moment of the $U^{233}$ nucleus. p. 283.
Kartuzhanskii, A. L. - Latent image regrouping due to the photographic action of ionizing particles. p. 286.
Riabinin, IU. N. - Sublimation of crystal lattices under the action of strong shock waves. p. 289.
Cherkasov, A. S., and others. - Duration of fluorescence for mesoderivatives of antiracene. p. 292.
GEOPHYSICS:
Toropova, T. P. - Separate consideration of the various components of light attenuated by the atmosphere of the earth. p. 295.
Fel'zenbaum, A. I. - Extension of Ekman's theory to the case of nonuniform wind and arbitrary bottom relief in an enclosed sea. p. 299.
BIOPHYSICS:
Minaev, P. F., Slepov, A. A. - Effect of local X-ray exposure of the central nervous system on the morphology of peripheral blood. p. 303.
CHEMISTRY:
Gol'dfarb, IA. L., Fabrichnyi, B. P., Shalavina, I. F. - New general method of preparing aliphatic aminoacids. p. 305.
Kamai, Gil'm, Chadaeva, N. A. - Action of halogen anhydrides and acetic anhydride on the glycol ethers of phenylarsinic acid. p. 309.
Kraft, M. IA., Katyshkina, V. V. - Reactions in carboxylic acid - thionyl chloride systems. New type of cationic catalysis. p. 312.
Kursanov, D. N., Parnes, Z. N. - Hydrogen exchange of cyclopentadiene. p. 315.
Kuskov, V. K., IUr'eva, L. P. - Production of esters and oxyketones by the acylation of aluminum phenolates and arylborates. p. 319.
Kukharenko, T. A., Vvedenskaia, T. E. - Exhaustive splitting of brown-coal humic acids by metallic sodium in liquid ammonia. p. 322.
Panchenkov, G. M., Griaznova, Z. V., Emel'ianova, V. M. - Investigation of the cracking of cumene on an aluminum silicate catalyst enriched with deuterium. p. 325.
Poroshin, K. T., Kozarenko, K. D., Khurgin, IU. I. - Mutual transformations of dipeptides and their anhydrides. p. 329.
Topchiev, A. V., Nametkin, N. S., Povarov, L. S. - Synthesis of organosilicon compounds of the bis (tetraalkyldisilanomethane) cyclodioxide type. p. 332.
TSukerman, S. V., Liubomudrov, V. F. - Synthesis of Y -oxyalkylaminonitriles. p. 336.

Pchelkov, B.F. - Adenosinetriphosphatase activity and motility in plants. p. 802.

GEOLOGY:
Vakhrushev, V.A. - Dissolution of gypsum in igneous rocks. p. 691.
Vrochenskaia, M.M. - Study of the oldest carbonate rocks of the Russian Platform (according to data of diagenesis of lithogenesis). p. 691.
Gladyshova, O.A., Rozhdestvenskaia, V.P. - Characteristics of organic matter and bitumens from notable deposits of the Usak-Emba region. p. 802.
Ivanov, V.F. - Engineering-geological properties of loess rocks from the right bank of the lower Dnieper region and the conditions of their formation. p. 811.
Rakhmanov, O.A., Ishmukhina, L.F. - Petrology type of oil in the pools of oil field formations. p. 814.

MINERALOGY:
Semenov, E.I., and others. - Vinogradovite - a new mineral. p. 687.

HISTOLOGY:
Levinson, L.D., Tokhtamysheva, P.A. - Histochemical investigation of developing motor cells of the spinal cord in the white mouse. p. 821.
Zamaletdinova, N.A. - Regeneration of the myoneural links of cerebral ventricles in axolotls. p. 824.

OBITUARY:
Zalenskaia, N.F. - Influence of pervalent pollination on the property of beet. p. 827.

MYCOLOGY:
Bezhenova, A.M., Koshelyeva, V.F. - Formation of candicidal pigments by dermatomycetes of the Trichophyton fasciculosum. p. 831.

PLANT PHYSIOLOGY:
Akimtsiva, N.I. - Influence of growth promoting substances on phosphorous metabolism in foliations. p. 835.

ZOOLOGY:
Del Villar, G.I.A. - An Indian of ancient tropical genesis found in Iran. p. 839.
Kuznetsov, V.N. - Growth, sex maturing and food characteristics of the Black Sea dietic species Gobius cephalargus cautious Norman. p. 843.
Ivanov, M.V. - A new type of gonotome structure in hydroids. p. 848.
Andronova, I.I. - Differentiation of the northwestern part of the Pacific. p. 850.

EXPERIMENTAL MORPHOLOGY:
Ivanenko, G.V. - Mechanism of formation and origin of the choroid in the amphibian eye. p. 853.
Sidorova, O.A. - Experimental investigation of the conditions determining the development of the pigment layer and the retina in mammals. p. 857.

PHYSIOLOGY:
Pleskov, I.P. - Variation in bioreceptive salt of Rozen accompanying additional salt supply to the organism. p. 861.
Tyleva, N.A. - Intracellular allocation of nucleic acids in the root zone Dalbergia paniculata Roxb. with the aid of beryllogram. p. 865.

BIOPHYSICS:
Shcherbakov, D.N. - On the principle of "sleepy cells" of the human epidermis. p. 869.
Gusarova, M.V. - New data concerning the development of Nyssa vulgaris Duhl. p. 870.

Vol. 109, no. 4, Aug. 1956.
Table of contents translated:

MATHEMATICS:
Berezin, D.I. - New method of constructing Weierstrass's interpolation formulae. p. 719.
Vinogradov, A.I. - Numbers with small prime divisors. p. 683.
Giraldi*, M.I. - Spectrum of harmonized dynamical systems. p. 687.
Il'in, V.A. - Absolute and uniform convergence of expansions in eigenfunctions throughout a closed domain. p. 690.
Lunts, Iu.V. - More on analogues of the ergodic theorems for the imaginary quadratic field. p. 694.
Mastrenkova, V.N. - Solution of a mixed problem for the unsteady motion of a rotating viscous fluid and a study of the differential properties of this solution. p. 697.
Mikhlin, S.G. - Multipliers of Fourier integrals. p. 703.
Nechaevskaia, M.I. - Convergence of approximate methods. p. 704.
Schneider, R.I., - An instance of a correct boundary problem for the equations of string vibration with the conditions given all over the boundary. p. 707.
Fridman, M.A. - Semicommutative multiplications. p. 710.

FLUID MECHANICS:
Arsenin, V.IA., IAnenko, N.N. - Interaction of shock waves and simple waves. p. 715.

MATHEMATICAL PHYSICS:
Bogoliubov, N.N., Parasiuk, O.S. - Analytic continuation of generalized functions. p. 717.

PHYSICS:
Gurshtein, E.L., Solov'ev, L.S. - On the theory of strong focusing. p. 721.
Chernyaev, N.S. - Superfine structure of paramagnetic resonance lines in supercooled $V^{3+}$, $V^{3+}$, $Cr^{3+}$ and $Mn^{2+}$ solutions. p. 725.
Dertsiga, B.V., Krotova, N.A., Karasev, V.V. - Role of electric phenomena in the mechanism of rupture of certain solid bodies. p. 728.

Zaretsko, L.K., Kyosti'nikov, V.A., Nikolaeva ta Kovdi, V.V. - Absorption of finite-amplitude ultrasonic waves in liquids. p. 730,

Efros, L.K., Rybovskii, Ro.A. - Transverse photomagnetic effect in n- and p- germanium. p. 735,

Mitarbarev, A.P., Fur'Pson, D.N., Val'ter, A.K. - A study of the reaction of $Ho^{3+}$ with deuterium. p. 737,

Logunov, A.A. - Spectral representation and the renormalization group. p. 740,

Hoerlin, E.H. - On the extent of the resolving power of optical instruments. p. 743,

Rozhdestvov, B.M., Kuznetsova, L.A., Molchanov, V.A. - Possibility of transition from one kind of concentration quenching of fluorescence to another kind. p. 748,

Shalyt, S.S. - Galvanomagnetic properties and hole conductivity of bismuthum. p. 750,

Morozov, Yu.G. - Redistribution of electron density in cadmium sulfide crystals as a result of changes in the electric conductivity. p. 754,

GEOPHYSICS:

Gurov, A.M. - Some general theoretical problems concerning the origin of meteorological fronts and the laws of the Black Sea. p. 757,

Dubrovin, V.V. - Tangential force of the wind as a factor in the energy fluctuations of waves. p. 761,

BIOPHYSICS:

Opolov, V.A. - Influence of heterosexis treatment of wheat seeds on their biochemical peculiarities. p. 765,

TECHNICAL PHYSICS:

Petrovskii, V.I. - Optimum linear antennas radiating perpendicularly to the axis. p. 769,

CHEMISTRY:

Dubovis, N.A., Ignat'eva, M.A. - Influence of certain element organic compounds on the rate of solution of carbon steel in inorganic acids. p. 771,

Rodionov, A.N., Kagan, B.B., Bilger, G.A. - New synthesis of aliphatic amines. p. 774,

Rabovitch, M.I., and others. - Organophosphorus insecticides. 11. Diethyl-2-ethylmercaptoethyldithiophosphate (M 74) and its analogues. p. 777,

Mamontov, B.G., Gusarova, M. - Catalytic hydration of propene. p. 781,

Mikheeva, V.I., Baburin, I.G. - Chemical nature of intermetallic phases T in the ternary systems magnesium-copper - zinc and magnesium-copper-nickel. p. 785,

Nametkin, N.S., and others. - Synthesis of compounds with silicate links. p. 787,

Neimyshev, A.N., Karapetian, Sh.A., Freidlina, R.Kh. - Synthesis of higher $\alpha,\omega,\omega$-tri-ketocarbonamines and 1,1-dichloralkanes. p. 791,

Nasibali, F.M., Trushkova, V.F., Kirkyaev, A.V. - Extension to crystallization diagrams. p. 794,

Norgeev, P.G., Fokeeva, V.V. - Liquid phase catalytic oxidation of alkylaromatic hydrocarbons by gaseous oxygen. Hydroperoxide of toluene. p. 798,

PHYSICAL CHEMISTRY:

Pilipenko, V.N., Terenin, A.N. - Infrared absorption spectra of some complexes organic compounds of aluminum bromide and tin tetrachloride. p. 799,

GEOCHEMISTRY:

Alekin, O.A., Morozova, N.P. - Saturation of Volga water with calcium carbonate. p. 803,

Ilina, A.A., Rachina, I.I. - Beryllium content in acid rocks of the U.S.S.R. p. 807,

Borodin, L.S. - Distribution of beryllium in the Khibiny alkaline massif and the beryllium content in nepheline-sienites. p. 811,

Gerasimovskii, V.I., Lapkali, I.N., Atanas'eva, I.I. - Discovery of $A^{III}$ in potassium-containing minerals. p. 813,

BIOCHEMISTRY:

Prokof'ev, A.A., Bolotov, A.M. - Transformations of phosphorus compounds in ripening flaxseed. p. 817,

CHEMICAL TECHNOLOGY:

Barbakin, I.I., Margulis, G.M. - Formation of mullite in an ionized form. p. 821,

Ozova, N.N., Ostrogorskaia, O.P. - Ilmenite and titanium magnetite slags. p. 824,

[illegible]

[illegible]



HYDROBIOLOGY

Ponomareva, L.A., [illegible] of the biota of waters and the [illegible] northwestern parts of the Black Sea. p. [illegible]

PLANT PHYSIOLOGY

Samoilenko Hradi, [illegible] Vavilov's theory of [illegible] connected [illegible] centers. p. [illegible]

ZOOLOGY

Dzadzaev, G.M., Vasyukevich, V.D. - Distribution of the genus Rhodeus [illegible] in the U.S.S.R. p. [illegible]

PHYSIOLOGY

Chuchkina, A.A. - Effect of [illegible] on the permeability of the [illegible] p. [illegible]

Shcherbina, V.A. - Hydrochemical characteristics of the Kuibyshev Reservoir in the [illegible] Impoundment. p. [illegible]

FAMILY AND [illegible]

Politzerova, F.S. - [illegible] mechanisms in the [illegible] p. [illegible]



Vol. 161, no. 5, Aug. 1965

Table of contents for volume 5



MATHEMATICS

Petrovskii, I.G. - [illegible] Vol. p. [illegible]

Tikov, V.E. - Qualitative study of [illegible] differential equations. p. [illegible]

Ivanov, V.N. - Multidimensional [illegible] periodic functions. p. [illegible]

Repnitov, V.I. - [illegible] of hypersurfaces in spaces of [illegible] p. [illegible]

Rhodes, F. - [illegible] [illegible] equations. p. [illegible]

MATHEMATICAL PHYSICS

Bekrenev, V.I. - [illegible] late waves of finite amplitude. p. [illegible]

Mironov, N.N. - [illegible] and internal energy of [illegible] fluid at constant [illegible] p. [illegible]

MATHEMATICAL PHYSICS

Oleinikov, V.I. - [illegible] Dirichlet problem in [illegible] p. [illegible]

PHYSICS

Popov-Chekin, N.M. - [illegible] Influence [illegible] pulsed [illegible] p. [illegible]

Vasin, M.F., Starchevskaia, N.N. - [illegible] within hydrocarbon [illegible] p. [illegible]

Vul'fson, B.N. - [illegible] p. [illegible]

Rozenfeldt, I.L., [illegible] of [illegible] p. [illegible]

Ivanovskii, A.I., and others - [illegible] p. [illegible]

GEOPHYSICS

Nikol'skii, A.P. - [illegible] p. [illegible]

Nefedov, A.A. - [illegible] p. [illegible]

CHEMISTRY

Nefedov, N.I., and others - [illegible] p. [illegible]

Rozhdestvenskii, B.V., and others - [illegible] p. [illegible]

Rozhkova, [illegible] p. [illegible]

Palatnik, L.S., Landau, A.I. - [illegible] p. [illegible]

Pavlenko, I.A.M., Khrustalev, A.N. - [illegible] p. [illegible]

Ryzhenkov, M.A., Khamidov, I.Kh. - [illegible] p. [illegible]

PHYSICAL CHEMISTRY

Derkach, N.Y. - [illegible] p. [illegible]

Levina, S.D., Kalish, T.V. - [illegible] p. [illegible]

Levich, V.G. - [illegible] p. [illegible]

Nalimov, V.E., Zakharchenkii, I.A., Borovskoi, Y.I. - [illegible] p. [illegible]

Vinogradov, V.M., Tarasov, A.N. - [illegible] p. [illegible]

Mashentsev, R.M., Kurchatov, Y.A. - [illegible] p. [illegible]

Porai-Koshits, A.E. - [illegible] p. [illegible]

BIOCHEMISTRY

Klaus, L.Y. - [illegible] p. [illegible]



[illegible] p. [illegible]

[illegible] p. [illegible]

[illegible] p. [illegible]

Piaskovskaia-Fesenkova, E. V. - Some facts on light scattering in the atmosphere. p. 188.
Piaskovskaia-Fesenkova, E. V. - Relation between the light scattering coefficient for various angles and the optical thickness of the atmosphere. p. 203.
Karimov, M. G. - Investigation of atmospheric ozone. p. 214.
Toropova, T. P. - Determining the water vapor content of the atmosphere. p. 219.
Lifshits, G. Sh. - Relation between the photocurrent and the exposure of photocells with a barrier layer. p. 227.
Lifshits, G. Sh. - Determining the atmospheric transparency coefficient on the basis of sky brightness in presence of a snow cover. p. 232.
Fesenkov, V. G. - Phenomena observable on Jupiter; origin of the dark belts. p. 239.
IAvnel', A. A. - Determination stresses in fragments of Sikhote-Alin' meteorite. p. 252.

Vol. 3, no. 4, 1956.

Table of contents translated:

From the editor. p. 3.
Fesenkov, V. G. - Introduction. p. 4.
Minutes of meetings of the out-of-town session and the seminar on atmospheric optics. p. 7.
Karimov, M. G. - Conferences on the organization of a coronal observation station near Alma-Ata Lake. p. 26.
Decisions of the out-of-town Session. p. 29.
Fesenkov, V. G. - Principal achievements of the Institute of Astrophysics during its existence from 1945 to 1955. p. 33.
Vorontsov-Vel'iaminov, B. A. - Spiral structure and the rotation of galaxies. p. 46.
Fesenkov, V. G. - On the origin of stars. p. 53.
Rozhkovskii, D. A. - Light polarization in nebulae; summary. p. 68.
Idlis, G. M. - Problem of the origin and evolution of hot giants; summary. p. 71.
Piaskovskaia-Fesenkova, E. V. - Various methods for determining the atmospheric transparency coefficient. p. 73.
Idlis, G. M. - Determination of magnetic field intensity in prominences by the motion of their knots in the picture plane; summary. p. 83.
Rozhkovskii, D. A. - Structure and luminiscence of the filaments in gaseous dust nebulae. p. 85.
Karimov, M. G. - Some results of observations of the solar corona made without an eclipse and the outlook for the development of a coronal observation station. p. 89.
Piaskovskaia-Fesenkova, E. V. - Calculation of light scattering of higher orders. p. 99.

ASTRONOMICHESKII TSIRKULIAR [ASTRONOMICAL CIRCULAR]. Published by Biuro astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomic Information of the Academy of Sciences of the U. S. S. R.]. Kazan, no. 169, Apr. 1956.

Table of contents translated:

Mrkos' comet (1956 b). p. 1.
Wirtanen's comet (1956 c). p. 1.
Cherepashchuk's object. p. 1.
Olbers' periodic comet (1956 a). p. 2.
Aro Chavira's comet (1954 k). p. 2.
Ashbrook-Jackson's periodic comet (1955 c). p. 3.
Vodop'ianova, T. V. - Absolute magnitude of comets (1953 and 1954). p. 3.
Vitkevich, V. V., Udal'tsov, V. A. - Observations of radio emission from source Taurus A during lunar occultation. p. 5.
Gnevyshev, M. N., Gnevysheva, R. S. - Observations of line 5694 A in the solar corona. p. 6.
Gulak, Yu. K. - Absolute photometry of some planetary colorimetry of the solar corona of June 30, 1954. p. 5.
Kulagin, S. G. - Determining the value of a micrometer screw revolution by scaldar pairs. p. 7.
Albo, Kh. - New variable SPZ 1226 Cephei. p. 9.
Azarnova, T. A. - Study of AC Andromedae. p. 10.
TSesevich, V. P. - Period of the eclipsing variable BD+ 31° 4090. p. 12.
TSesevich, V. P. - An eclipsing variable in Perseus. p. 12.
TSesevich, V. P. - Five RR Lyrae stars. p. 13.
TSesevich, V. P. - Sixteen uninvestigated variable stars. p. 14.
TSesevich, V. P. - Period of the variable S 4747 = KZP 1220. p. 16.
TSesevich, V. P. - Period of the V 338 Herculis. p. 17.
Grigorevskii, V. M. - Variable star BD+ 46° 281. p. 17.
Erlicksova, G. E. - New long-period Cepheid KZP 4952. p. 18.
Vasil'ianovskaia, O. P. - Uninvestigated variable KZP 4357. p. 18.
Solov'ov, A. V. - Maxima of Mira Ceti stars. p. 18.
Babadzhanov, P. B., Isamutdinov, Sh. O. - Determination of coordinates for the meteor station of the Stalinabad Observatory. p. 20.
Simonenko, A. N. - Path and orbit of the meteor of August 12, 1955, based on photographic data. p. 21.
Derbeneva, A., Sharonova, A. - Lyrids in 1956. p. 22.
Bakharev, A. M. - Three telescopic radiants of the Scorpionid shower. p. 23.
Khotinok, R. L. - Determination of the spatial density of meteor showers. p. 24.
Kaverin, A. A. - Partial lunar eclipse of April 2, 1956. p. 25.
Goltseva, N. A. - Observations of occultations at Tomsk State University in May 1956. p. 26.
Albo, Kh. - Observations of occultations at the Tartu Observatory. p. 26.

ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 33, no. 3, May-June 1956.

Table of contents translated:

Shain, G. A. - Some questions on the problem "The Nebulae and the Magnetic Field." p. 305.
Shklovskii, I. S. - The nature of planetary nebulae and their nuclei. p. 315.
Masevich, A. G. - Subgiants and their relation to main sequence stars. p. 330.
Parenago, P. P. - Physical characteristics of white dwarfs and the possibility of dividing them into two groups. p. 340.
Kuprevich, N. F. - Stellar scintillation and its compensation during the photoelectric registration of stellar spectra. p. 348.
Bazhenov, M. A. - Variation in the intensity of bright bands in the spectrum of Nova Herculis 1934. p. 366.
Orlov, S. V. - The brightness of comets and activity on the solar surface. p. 377.
Dubiago, A. D. - Motion of the periodic comet 1949 VI P. F. Shain-Schaidach from 1928 to 1957. p. 382.
Fesenkov, V. G., Divari, N. B. - The problem of zodiacal light in connection with the International Geophysical Year. p. 391.
Nemiro, A. A., Pavlov, N. N. - The necessity for taking into account the $\Delta\varepsilon_{\alpha}$-type corrections of the FK3 in the time service [in Russian and English]. p. 404.
Nikol'skii, G. M. - The electron component of the zodiacal light. p. 410.
Filippov, A. E. - The motion of the earth's mean pole. p. 414.
Makover, S. G. - Using matrixes for the solution of sets of normal equations. p. 423.
Fesenkov, V. G. - The problem of life on Mars. p. 440.
Parenago, P. P. - The Orion association. p. 444.
Sharov, A. S. - Using two-color diagrams for the study of the law of interstellar light absorption. p. 445.
Correction to V. L. Ginzburg, S. B. Pikel'ner, and I. S. Shklovskii's article "The mechanism of particles acceleration in envelopes of novae and supernovae." (Astronomicheskii zhurnal 32: 503 '55) p. 447.
Perel', Iu. G. - "Astronomic works." A. A. Belopol'skii. p. 448.
Conference on problems of stellar scintillation. p. 450.
Plenary session for reports and coordination of the Astronomical Council of the Academy of Sciences of the U. S. S. R., February 6-9, 1956. p. 453.
Report on the activities of "Astronomicheskii zhurnal" made at the plenary session of the Astronomical Council of the Academy of Sciences of the U. S. S. R. p. 456.
Plenary session of the committee on astronomical history. p. 458.
Conference on astronomical instrument construction at the observatory in Pulkovo. p. 460.

GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii [Main Administration of Geodesy and Cartography]. Moscow, no. 1, Mar. 1956.

Table of contents translated:

Tasks in the fields of geodesy and cartography in the sixth five-year plan. p. 3.
Velichko, V. A., Vasil'ov, V. P., Golosov, V. V. - Measuring distances with a light range finder and determining the speed of light propagation. p. 10.
Lysiuk, V. N. - World atlas and its role in the development of Soviet cartography. p. 24.
Novozhilova, R. N., Sladkova, E. A. - Publication of geographical maps with a reduced number of colors. p. 30.
Drennov, D. A. - Observations at triangulation points in mountainous regions. p. 35.
Krumelis, V. A. - Aerial phototopographic surveys of cities. p. 38.
Zhukov, G. P. - SPR-2 stereophotogrammetric instrument. p. 49.
Chizhmakova, A. M. - Studying the accuracy of determining heights with the KB-1 alidade. p. 55.
Larchenko, E. G. - Methods and processes for solving direct and inverse geodetic problems on a plane. p. 60.
Klanovets, M. S. - My experience with a range-finder cap. p. 65.
Venglinskii, R. E., Korotkov, P. IA. - Improvement of precision reproductive work in the Ukrainian Aerial Geodetic Institute. p. 66.
Treshchova, V. A. - Short survey of some foreign stereophotogrammetric instruments. p. 69.
Brief news. p. 70.

No. 2, Apr. 1956.

Table of contents translated:

Improving work organization is one of the decisive factors in increasing the productivity of topographic and geodetic surveys. p. 3.
Urmaev, N. A. - Principles of the theory of the fixed field of lateral refraction. p. 8.
Zagrindskii, I. IA. - Effect of shifting of the theodolite telescope in its bearings on angle measurement readings. p. 14.
Aladzhalov, IU. A. - Resection for determining errors in the junction of ground points of control. p. 20.
Larin, D. A. - Refinement of coefficient values in formulas used for correction equations. p. 30.
Pavlov, V. F. - Some problems in altitude traversing. p. 32.
Gebgart, IA. I. - Method of compiling plans of a region on the basis of aerial photographs using an alternating base line. p. 40.
Kashin, L. A. - Compiling map originals based on stereoscopic photography of the topography (methods used in the Northern Caucasus Aerial Geodetic Institute of the Main Administration of Geodesy and Cartography). p. 45
Nikulin, A. S. - Plan of new stadia tables. p. 47.
Porikov, V. M., Popov, A. D., Lebedev, I. A. - Preparing map originals by engraving in "vinipraz" on a layer of lacquer. p. 52.
Simonovskii, A. IA. - Stitching and binding operations in publishing small-format atlases. p. 62.
Korotkov, P. IA., Pluzhnik, A. P. - Work practices of draftsman V. F. Perunova. p. 66.
Short review of the Czechoslovakian journal "Geodetic and Cartographic Review" [in Czech]. p. 68.
Vasilii Vasil'evich Popov; obituary. p. 73
Bibliography. p. 75.
brief news. p. 70.

No. 3, May 1956.

Table of contents translated:

Develop the movement of efficiency promoters and inventors in geodesy and cartography. p. 3.
Sudakov, S. G. - Establishing state triangulation and topographic surveys at scales of 1:25:25,000 and 1:10,000. p. 7.
Venglinskii, R. E. - Results of the Ukrainian Aerial Geodetic Institute of the Main Administration of Geodesy and Cartography in producing photomaps for terrain showing significant altitude differences. p. 17.
Kashin, L. A. - Working area of aerial photographs. p. 20.
Pankrushin, V. K. - Erection of masts on trees to be used as triangulation reconnaissance points. p. 22
Kolkov, D. D. - Mechanized equipment used for installing geodetic signals. p. 26.
Pellinen, L. P. - Angle of refraction of micrometers used in optical theodolites. p. 30.
Pirogov, V. G. - Finding gross errors in the angular measurements of traverse surveys and transit traverses. p. 34.
Larchenko, E. G. - Effectiveness and accuracy of tables of natural values of trigonometrical functions. p. 36.
Petrov, G. N. - Survey of methods for producing relief maps. p. 40.
Mekler, M. M. - Preparatory work of a map editor. p. 47.
Adamova, V. K. - Some problems in compiling outline tourist maps. p. 51.
Korotskii, L. M., Merzhvinskaia, L. K. - New wall map representing the economic geography of the Ukraine and the Moldavian S. S. R. in secondary schools. p. 54.
Malev, P. I. - Making a 1:2,500,000 scale foresfry map of the U. S. S. R. p. 57.
Buglov, G. N., Sirenko, I. F. - Organization of topographic operations in the Ukrainian Aerial Geodetic Institute. p. 62.
Kurlin, D. I. - History of the development of Russian aerial photographic surveying. p. 65
Glinskii, S. P. - Tomsk Technical School of Topography during 25 years. p. 67.
Basic principles in the production of topographic maps at scales of 1:10,000, 1:25,000, 1:50,000, 1:100,000. p. 69.

Bibliography. p. 76
Brief news. p. 79.

No. 4, June 1956.
Table of contents translated:
Impending scientific research problems in the fields of geodesy and cartography. p. 3.
Demina, A. A., Chelnokov, V. P. - Photogrammetric condensation of altitudes by means of an undistorted model. p. 9
Vainauskas, V. V. - Precalculation of anticipated accuracy of aerial triangulation nets plotted on mechanically operated optical instruments. p. 16.
Kolupaev, A. P. - Variation in methods used for determining time by the Dellin method. p. 21.
Greim, I. A., Nikiforov, G. G., Korneev, B. N. - DD-2 differential range finder. p. 24.
Losev, K. A., Matveev, I. V. - Marking traversing stations in cities by pairs of wall centers. p. 31.
Gusev, N. A. - Optical vernier and proportional evaluator. p. 37.
Muradian, S. S. - Methods of aging invar wire by means of high-frequency currents. p. 40.
Butkevich, A. V. - Transfer from stereographic coordinates to Gauss coordinates and the reverse. p. 44.
Pavlov, V. F. - Organization of a general topographic party. p. 47.
Tarnovskii, L. F. - Producing grid positives in connection with reproduction of water areas on planimetric maps. p. 49.
Loginova, V. M. - Some disadvantages of representing erosion relief on maps with a scale of 1:10,000. p. 54.
Durneva, P. I. - Modern foreign-made levels having automatically adjusting sighting lines. p. 57.
Replies to readers' questions:
Pellinen, L. P. - Accuracy in measuring angles in 2d and 3d class triangulation. p. 67.
Siniagina, V. I. - Accumulation of systematic errors in 1st class leveling. p. 69.
Gerasimova, O. A. - Light flashes in aerial photographs. p. 71.
Bibliography. p. 75.
Brief news. p. 77.
Form regulations for articles submitted for publication. p. 80.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS"EMKI I KARTOGRAFII. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions].
No. III, 1956.
Title translated:
Entin, I. I. - High-precision levelling. 339 p.
Title transliterated: Entin, I. I. -Vysokotochnoe nivelirovanie. 339 p.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.
Contents:
[Abstracts] Referaty 5364-5938. 83 p.

No. 11, Nov. 1956.
Contents:
[Abstracts] Referaty 5939-6586. 92 p.

STALINABAD. ASTRONOMICHESKAIA OBSERVATORIIA. Biulleten' [ASTRONOMICAL OBSERVATORY. Bulletin]. No. 14, 1955.
Table of contents translated:
Sergei Vladimirovich Orlov. p. 3.
Katasev, L. A. - Some regularities in the correlation of comets, meteors and asteroids. p. 5.
Ivanikov, V. I. - Selection of developers for photographs of meteors. p. 12.
Shakhovskoi, N. M. - Cepheids VW and VZ Puppis. p. 14.
Solov'ev, A. V. - Photographic study of RX Capricorni. p. 22.
Solov'ev, A. V. - Variable TV Capricorni. p. 28.
Erleksova, G. E. - Copheid SS Canis Majoris. p. 32.
Shakhovskoi, N. M. - An uninvestigated variable star. p. 35.

No. 15, 1956.
Table of contents translated:
Dobrovol'skii, O. V. - Problems of heat conditions in the surface layer of a comet nucleus. p. 3.
Katasev, L. A., Sosnova, A. K. - Results of photographic observations of meteors in 1953 at the Stalinabad Observatory. p. 10.
Ivanikov, V. I., - Using the photometric connection of meteor trails with daily star strails for building up the characteristics curve. p. 14.
Ivanikov, V. I. - Relation of readings on the objective microphotometer to the width of the slit and the magnitude of the sky background; errors in the photographic process. p. 20.
Erleksova, G. E. - Long-period Cepheid RV Scorpionis. p. 24.
Berlev, A. D. - Photometric investigation of the variable AG Draconis (BD + 67°922). p. 29.

c) BIOLOGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia fiziologii i meditsiny [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin, Series in Physiology and Medicine], Alma-Ata, no. 7, 1956.
Table of contents translated:
Zhumatov, Kh. Zh. - Problems of infection and immunity in the light of Academician I. P. Pavlov's physiological teachings. p. 3.
Arkhangel'skii, D. S. - Some problems of the etiology and epidemiology of rickettsiosis transmitted by mites in Alma-Ata Province. p. 14.
Zhumatov, Kh. Zh. - Studying pathogenic viruses on cultures made from tissues of an adult organism. p. 21.
Mikhailov, G. G., Zhumatov, Kh. Zh. - Effect of nonspecific stimuli on the course of an experimental influenza infection. p. 31.
Romentsova, M. M. - Pathogens of infectious diseases in wild regions of the Caspian Depression. p. 39.
Solomina, V. F. - Studying the effectiveness of experimental vaccination against brucellosis. p. 49.
Romentseva, M. M., Guliaev, A. I., Solomina, V. F. - Red fox and dogs as carriers of Brucella. p. 62.
Bukeikhanova, Sh. Kh. - Brucellosis and malignant growths. p. 70.
Krepkogorskaia, T. A. - The water vole Arvicola terrestris as a natural reservoir of pathogenic Leptospirae. p. 77.
Krepkogorskaia, T. A. - Incidence of leptospirosis among domestic animals in the Bet-Pak-Dala desert. p. 80.
Shapiro, D. M. - Leptospirosis among domestic animals in West Kazakhstan Province. p. 82.
Kuz'michev, V. IA., Fedorova, E. I. - Materials on the epidemiology and helminthism among the population of central Kazakhstan. p. 85.
Kuz'michev, V. IA. - Ancylostomiasis in southern Kazakhstan. p. 99.
Kuz'michev, V. IA. - Experimental observations on the possibility of the development of Ancylostoma larvae in lead mines. p. 107.
Kuz'michev, V. IA., Fedorova, E. I. - Possibility of the development of occupational helminthism in mines in Dzhezkazgan. p. 112.
Karsybekova, G. R. - On the problem of the absorbability and excretion of thallium. p. 116.
Bogdanovskaia, G. K. - Case of prolonged duration of a rupture of the abdominal aorta. p. 122.
Mukhachev, B. N. - Spring phenology of the malaria mosquito Anopheles maculipennis messeae in the vicinity of Karaganda. p. 126.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut botaniki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Botany. Transactions], Alma-Ata, vol. 3, 1956.
Table of contents translated:
Rubtsov, N. I. - Flora of the northern Tien Shan and its geographical connections. p. 3.
Goloskokov, V. P. - Materials on the flora of the Tur-Aygyr Range (eastern extremity of the Trans-Ili Ala-Tau). p. 26.
Kornilova, V. S. - Results of a study of the Oligocene flora of the Turgay. p. 59.
Berezin, E. L. - Ash forests on the Charyn bottom lands. p. 102.
Kirichenko, N. G. - Vegetation and feed resources of the Kazalinsk State Sheep Farm in Kzyl-Orda Province. p. 125.
Pashkovskii, K. A. - Some results of growing black saksaul (H. aphyllum) in Kazakhstan. p. 160.
Isaev, S. Zh. - Some biological characteristics of alfalfa flowering in the piedmont zone of Alma-Ata Province. p. 174.
Lysenko, M. K. - Responsiveness of tree and shrub seedlings to fertilizers in forest nurseries of Alma-Ata Province. p. 193.
Blagoveshchenskii, E. N. - Soil moisture cycle of some plant associations in the deserts of the southern Balkhash region. p. 203.
Butanovskii, M. S. - Economic importance of the reed zone along the northern coast of the Caspian. p. 212.
Permitin, N. E. - Controlling apple tree chlorosis in Dzhezkazgan District. p. 225.
Kubanskaia, Z. V. - Professor N. I. Rubtsov; on the 25th anniversary of his scientific activities. p. 229.

AKADEMIIA NAUK SSSR. Izvestiia, Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin, Biological Series]. Moscow, no. 4, July-Aug. 1956.
Table of contents translated:
Shchelokova, Z. I. - Making use of the selectivity of fertilization in the hybridization of corn. p. 3.
Kuperman, F. M., Luchshev, A. A., Shul'gin, A. M. - Some features of the development and growth of corn in the new corn regions. p. 15.
Shkol'nik, M. IA., Bozhenko, V. P. - Effect of different methods of trace element nutrition on the development, yield, and food value of red clover and its trace element content. p. 39.
Garina, K. P. - Effect of different methods of fertilization on the percentage of set seed and the viability of hybrid progeny of winter rye. p. 58.
Rodionov, A. P. - Late fall seeding of peach. p. 67.
Chel'tsova, L. P. - Development of vascular tissue in wheat and onion leaves. p. 74.
Kushner, Kh. F. - Some results of investigations of the effectiveness of interbreeding animals. p. 83.
Matsko, S. N. - Need of vitamins when taken periodically. p. 102.
Deborin, G. A., Bystrova, M. I., Ivashchenko, G. F. - Effect of metal ions on the stability of egg albumin complexes with ergosterin. p. 116.
Present, I. I. - Luther Burbank's theoretical views and work methods. p. 121.
Tsu Tei-ming, Liang Cheng-nan. - First achievements of Michurin's teaching in China. p. 129.
Glavinić, Ružica. - Cotton hybrids with characters of two paternal forms. p. 136.
Filatov, F. I. - New book on Michurin genetics ("Fundamental problems in Michurin genetics." p. 139.

AKADEMIIA NAUK SSSR. Institut morfologii zhivotnykh. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Animal Morphology. Transactions]. Moscow, no. 16, 1956. Izuchenie leikotsitarnykh faktorov v tkanevykh protsessakh [Study of leucocyte factors in tissular processes].
Table of contents translated:
Preface. p. 3.
Popova, N. V. - General reactivity of the organism to the introduction of leucocytogenic serums. p. 5.
Shreder, V. N. - Healing rate of wounds and biochemical indexes of the stimulation of organism by leucocytogenic serums. p. 45.
Shreder, V. N. - Alkaline phosphatase and the oxidizing activity of blood in rabbits during the healing of wounds under the effect of leucocytogenic serums. p. 65.
Namenskaia, G. P. - Proteolytic activity of tissues and blood in rabbits during the healing of wounds under the effect of leucocytogenic serums. p. 82.
Shutova, A. A. - Activity of blood lipase in rabbits during the healing of wounds under the effect of leucocytogenic serums. p. 97.
Utevskaia, L. B. - Cholinesterase activity and acetylcholine-like action of tissues during the healing of wounds following the introduction of leucocytogenic serums. p. 107.

AKADEMIIA NAUK SSSR. Kirgizskii filial, Frunze. Biologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Kirghiz Branch. Biological Institute. Transactions], Frunze, no. 4, 1951.
Table of contents translated:
Vykhodtsev, I. V. - The problem of the feed supply in the Kirghiz S.S.R. and its solution. p. 5.
Gusarova, A. N. - Experimental seeding of grasses in Alpine meadows of Tien Shan Province, Kirghiz S.S.R. p. 21.
Kovalev, V. N. - Promising silage crops for the Kirghiz S.S.R. and organization of seed production for them. p. 31.
Evtushenko, G. A. - Field experiment in determining losses of water by plants through transpiration. p. 45.
Kovalev, V. N. - Spring sowing of winter wheat on fallow under conditions prevailing in the Chuya Valley of the Kirghiz S.S.R. p. 55.
Enikeev, S. G., Botaleva, N. N. - Effect of mineral nutrition on the yield and sugar content of sugar beets grown by irrigation and dry farming in Issyk Kul Province. p. 59.
Pospelov, A. G. - Leaf rusts of wheat in Frunze and Issyk Kul Provinces, their economic harmfulness, and measures for controlling them. p. 67.
Kovalev, V. N. - The new "Silage giant-K" silage sunflower. p. 81.
Kovalev, V. N. - Effect of environmental conditions on changes in the heredity of winter rye. p. 87.
Sharashova, V. S. - Biology of alfalfa in the central Tien Shan. p. 93.
IAkovlev, V. G., and others. - Effect of keratin on the wool productivity of sheep. p. 103.
Kanygina, K. I. - Amount of some amino acids in the total body proteins of Ascaris suum and Moniezia expansa. p. 113.
Grebeniuk, R. V. - Study of tick species of the Ixodoidea superfamily in Kirghizia. p. 110.
Dokukin, A. F. - Variation in the quantitative and qualitative composition of the yolk of hybrid sheep (Württemberg x Kurdiuk) under the influence of mountainous conditions. p. 125.
Prutenskii, D. I. - Acclimatization of Scotch pine (Pinus silvestris L.) in Kirghizia. p. 135.
Protopopov, G. F. - Experimental seedings and plantings of Picea Schrenkiana on the northern slope of the Kirghiz Ala-Tau Range. p. 147.
Inchina, V. S. - Preliminary results of growing new ornamental trees and shrubs in the city of Frunze. p. 167.
Krivosheeva, L. S. - Status and prospects of the development of subtropical and citrus plants in Kirghizia. p. 169.

Nikitina, E.V. - Monocotyledonus plants in Kirghizia. p. 175.
Tiurin, P.S. - Morphology and classification of the Issyk Kul carp (Diptychus dybowskii). p. 179.
Pivnev, L.A. - Materials on the biology of the common carp from Lake Issyk Kul. p. 189.
Luzhin, B.P. - Results of acclimatizing the gegarkun trout (Salmo ischchan infraspecies gegarkuni Kessler) in Lake Issyk Kul. p. 197.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Otdelenie estestvennykh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Natural Sciences. Bulletin]. Stalinabad, no.1, 1952.

Table of contents translated:

Shcheglova, V.E. - Seed covering as a method for increasing cotton crop yields. p.3.
Semikhatova, O.A. - Thermal coefficients of catalase in Pamirs plants. p.9.
Zaitseva, M.G. - Effect of temperature on the germination of barley seeds. p. 21.
Zaitseva, M.G. - Effect of low nighttime temperatures on the growth and metabolism of barley plants in the early phases of their development. p. 27.
Tiurina, M.M. - Studying frost-resisting properties of alpine Pamirs plants in connection with the contents of nonfreezing water. p.33.
Steshenko, A.P. - Biology and longevity of stipa glareosa in high-mountain parts of Pamirs. p.41.
Saverkin, A.P. - Hybrid of sorghum halepense on arable lands in piedmont areas. p.51.
Narzikulov, M.N. - Ties of plant lice to plants that feed them in the process of development. p.57.
Davydov, G.S., Sin'kovskii, L.P. - Ecology and injurious activity of red-tailed gerbils in Tajikistan. p.69.
Ostapovich, L.F. - Effects of the seeds' origin on the development of one-year mulberry tree seedlings in the Pamirs botanical garden. p.77.
Afanas'ev, K.S. - Ludwigia parviflora Roxb. - a new plant in the U.S.S.R. p.81.
Akhmedov, K.R. - Some new data on magpies in Tajikistan. p.83.
Shchetkin, IU.L. - Moths injurious to sugar cane in Tajikistan. p.85.
Shchetkin, IU.L. - Distribution and biology of celerio centralasiae Stgr. p.89.
Poletaev, I.K. - Will the drying of cotton plantations result in lowering the water-bearing level from the stratum of fine soil to gravel? p.93.
Pankratov, P.A. - On F.S. Botarinisev's book "Designing and building high-discharge wells." p.97.

No. 9, 1955.

Table of contents translated:

Zakharov, S.A. - Conditions of the structural formation of the Tajik Depression. p.3.
Zakharov, S.A. - Relation between the Tajik Depression and the Gissar Range. p.15.
Khamidov, M.Kh. - Petrology of lower Paleozoic greenstone in the northwestern Pamirs. p.21.
Khamidov, M.Kh. - Petrology of Mesozoic intrusions of basic rock in the western Pamirs. p.31.
Nikitin, V.I. - Emergence, main tasks, and development of chemistry in Tajikistan. p. 43.
Popereka, M.IA. - Applicability of Golitsyn's parallelepipeds for measuring seismic velocities. p.57.
Liadskii, V.B., Popereka, M.IA. - Effect of grinding factors on the roughness of finished surfaces. p.63.
Drachuk, P.M. - Phenomenon of tilting of material bodies during earthquakes. p.69.
Berezkin, N.F. - Application of I.P. Pavlov's theory in pedagogy. p.83.
Mishchenko, I.P. - Erythrocyte weight coefficient as an indicator of oxidation intensity in animals. p.89.
Mishchenko, I.P. - Cellular reaction of skin of animals to irritation. p.101.
Lorents, O.G. - Time factor in interoceptor reactions. p.109.
Narzikulov, M.N. - The genus Yezabura Mats. among the plant lice fauna of Tajikistan. p.117.
Mel'nikova, V.V. - Algae of Sierozem soils in southern Tajikistan. p.131.
Reimus, R.M. - Daily rhythm of carbohydrate accumulation in leaves of Primula Moorkroftiana (Wall.) in relation to the developmental phase. p.143.

No. 10, 1955.

Table of contents translated:

Mazitova, F.S. - Using heat pumps in district heating systems. p.3.
Mazitova, F.S. - Diagrams, parameters, and types of heat pumps used in single-pipe district systems. p.13.
Supolkin, G.A. - Calculating the uneven movement of a fluid set in V-shaped channels. p.27.
Belliakova, L.P. - Possible methods for artificially improving the structure of Sierozem soils in irrigated areas. p.37.
Umarov, A.U. - Brief description of rivers and types of water diversion installations of Tajikistan. p.47.
Ovchinnikov, P.N., Chukavina, A.P. - New species of rice grass from Tajikistan. p.57.
Gurskii, A.V. - Sands of Ishkashim, their binding and use. p.59.
Mel'nikova, V.V. - Origin of soil algae. p.73.
Koroleva, A.S. - Conifers in Tajikistan and their role in landscaping settled areas. p.83.
Mel'nikova, V.V. - Study of rock algae of central and southern Tajikistan. p.95.

Shcheglova, V.F. - Effect of nitrogen and phosphate application before planting on the ripening period of cotton. p.101.
Sin'kovskii, L.P. - Station research results on the development of elements of pasture rotation in spring pastures of southern Tajikistan. p.105.
Diomidova, N.A. - Using the histological method for studying the wool productivity of sheep. p.123.
TSvileneva, V.A. - Skin structure of Gissar sheep in relation to their wool productivity. p.147.
Maksunov, V.A. - The Aral bream from Farkhad Reservoir. p.173.
Baeva, V.G. - Biology of the Tajik casebearer in the Gissar Valley. p.179.
Klassovskii, L.N., Berendiaeva, E.L. - Study of fleas of rodents in the eastern Pamirs. p.185.

No. 11, 1955.

Table of contents translated:

Proskurko, A.I. - Parental rocks of serpentinites of the Markopidzh Massif in the Greater Caucasus. p.3.
Nagibin, IA.D., Arabov, B. - New method for planting cotton. p.13.
Kochetov, A.P. - Irrigation of cotton in the Gissar Valley. p.23.
Lebedeva, N.P. - Action of oxidation-reduction processes in cotton in relation to ethylmercuric chloride treatment of seeds before planting. p.33.
Shamsiddinov, B. - Effectiveness of narrower rows and cross-cultivation of cotton. p.39.
Krivkina, N.P. - Carbohydrate metabolism in cotton fiber in relation to certain cultivation practices. p.59.
Bregetova, L.G. - Method for determining ascorbic acid in colored plant extracts. p.85.
Demin, IU.I. - Biology of winter rape in Tajikistan. p.89.
Ostrovskaia, Sh.M., and others. - Natural Reservoir of Q fever and possibilities of studying it in Tajikistan. p.101.
Narzikulov, M.N. - Data on the morphology and biology of certain dendrophilous plant lice of Tajikistan. p.109.
Davletova, L.V. - Histogenesis of the absorptive and glandular apparatus in sheep intestines. p.119.
Davletova, L.V. - Embryogenesis of abomasum glands in sheep. p.129.
Odynets, R.N., Boslkova, N.IA. - Nitrogen, calcium, and phosphorus metabolism in heifer calves during the preweaning period in connection with a varied dietary program. p.137.
Ikramov, Z.Kh. - Calcium content in blood serum in connection with endemic urinary calculus. p.147.
Ikramov, Z.Kh. - Vitamin C in connection with urinary calculus. p.155.

No. 12, 1955.

Table of contents translated:

Bakharev, A.M. - Second expedition for the exploration of the Murgab Crater. p.3.
Akhmerov, D.Kh. - Phases and stages of mineral formation in one of the fluorite deposits in the Gissar Range. p.21.
Babakhodzhaev, S. - Geological and petrographic characteristics of magmatic rocks in the Varzob-Bolo River Basin. p.41.
Supolkin, G.A. - Hydraulic calculations for canals having a fixed flow rate. p.59.
Zakharchenko, A.F. - Results of comparative analyses of soil mixtures with and without changing sterilized pipettes. p.69.
Sheinkin, G.IU. - Measures for combating swamping and alkalinity of land in the Shuroabad irrigation system. p.79.
Zuev, L.A., Abasheeva, N.E. - Effect of phosphate fertilizers on the ability of the cotton plant to absorb other mineral elements from old irrigated Sierozem soil in the Vakhsh Valley. p.95.
Grigor'ev, IU.S. - One of the immediate tasks of present-day biology. p.99.
Dzhumaev, M. - Studying the biology of cotton on the basis of varied density of stand. p.111.
Khamitova, S.M. - Developing effective methods for combating dodder in alfalfa seeds. p.119.
Ponomarenko, A.A. - Methods and periods of initial irrigation of cotton. p.133.
Steshenko, A.P. - Formation of undershrub growth forms in the high Pamirs. p.143.
Farsykhanov, S.I. - Chemical composition of the meat and the physicochemical properties of the fat of Gissar sheep. p.149.
Berezkin, N.F. - Surgical pathology of specific geographical regions. p.159.
Nedzvetskii, A.P., Baratov, R.B. - Bibliography: Kh.M. Abdullaev's book "Genetic affinity of mineralization with granitoid intrusions." p.169.

No. 13, 1955.

Table of contents translated:

Akhmerov, D.Kh. - Chinarsayskiy granitoid massif. p.3.
Meshcheriakov, A.M. - Using thiourea in the colorimetric analysis of phosphoric acid. p.17.
Agakhanianz, O.E. - Formation of sands at Vakhan and their vegetation. p.29.
Mazitov, Sh.S. - Forces and stresses at the point of a mechanical pick in the case of longitudinal impact and formulas suggested for calculating the strength of the point. p.43.
Mazitov, Sh.S. - Experimental testing of the applicability of the wave theory for calculating machine parts for strength in connection with longitudinal impact. p.65.
Stepanova, N.G. - Fattening and meat qualities of Swiss-zebu-like crossbreeds of Tajikistan. p.77.
Mallmon, A.IA. - Sweet potato, a useful crop for animal and human consumption. p.93.
Zhenevskaia, R.P. - Growth and development of skeletal muscles during the post-embryonal period in sheep. p.109.
Maksunov, V.A. - Carp of the Farkhad Reservoir. p.125.
Stepantsev, I.N. - Temperature conditions of the woolly aphids. p.130.
Baeva, V.G. - Leaf rollers, pests of pome fruit trees in the Gissar Valley. p.145.
Luppova, E.P. - Crane flies (Diptera, Tipulidae) of Tajikistan. p.153.
Sychevskaia, V.I. - Mylasis of bees in Tajikistan. p.159.
Popereka, M.IA. - Remarks on the problem of overturning bodies during earthquakes. p.167.
Notes on the Eighth All-Union Congress of Physiologists, Biochemists, and Pharmacologists. p.177.

No. 14, 1956.

Table of contents translated:

Baratov, R.B., Zakharov, S.S. - The interrelation of the Pamirs and southern Tien Shan. p.3.
Khamidov, M.Kh. - Genesis of lower Paleozoic deposits of the Vanch Range in the Pamirs. p.13.
Vasil'eva, L.B. - Seismic map of the Gissar Valley. p.43.
Ivanikov, V.I. - Calculating atmospheric absorption in connection with photographing heavenly objects on panchromatic photolayers. p.53.
Mazitov, Sh.S. - Some observations relative to the selection of the speed of impact by the striker on the drill steel of a hammer drill for purposes of increasing impact efficiency. p.63.
Mazitov, Sh.S. - Experimental testing of some basic formulas for calculating rods of drop hammers in connection with longitudinal impact. p.69.
Oglobina, E.F. - Periods and methods of disbudding in the Gissar Valley and in districts of Leninabad Province. p.77.
Rashidov, Kh.I. - Simultaneous fertilizing and planting of cotton. p.85.
Aleksandrov, M.K. - Effect of certain cultivation factors on the quality of cotton fibers. p.95.
Sosnina, E.F. - The role of small mammals inhabiting pastures and farms in the development and distribution of tick vectors of hemosporidiosis in farm animals in Tajikistan. p.105.
Lototskii, B.V., and others. - Problem of improving natural pastures of Tajikistan. p.115.
Chernyshov, V.I. - Ecology of the shrew Sorex buchariensis Ogn. p.123.
Shchetkin, IU.L. - New geometrid moths of the genus Eupithecia Curt. (Lepidoptera, Geometridae) from Tajikistan. p.139.
Shchetkin, IU.L. - New species of Acidalia (Lepidoptera, Geometridae) from the Vakhsh Valley. p.151.
Shchetkin, IU.L. - Two new species of geometrid moths from Central Asia. p.161.
Riabova, T.I. - Vegetative propagation of Eremurus. p.171.
Popov, N.G. - Some wild species of alfalfa in Tajikistan. p.179.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 33, no. 2, Apr.-June 1956.

Table of contents translated:

Editorial: Twentieth Congress of the Communist Party of the Soviet Union and tasks of Soviet morphology. p.3.
Grigor'eva, T.A. - I.M. Sechenov and his ideas on the structure of the nervous system; on the 50th anniversary of his death. p.7.
Gorbil'skii, N.L. - Specific nature and tasks of ecological histophysiology as one of the directions in histological investigations. p.14.
Kalinina, E.I. - Formation and embryonic histogenesis of the spinal cord in the rabbit and their relation to the development of motor functions. p.22.
Savich, K.V. - Fibroarchitectonics of the archi in adults. p.30.
Burachinskii, M.T. - Embryogenesis of the dura mater and its processes. p.35.
Knorre, A.G. - Histological properties of a two-week human embryo. p.38.
Amosova, N.R. - Histological observations on the development and structure of certain cartilages in the frog. p.47.
Krymskii, L.D. - Microscopic anatomy of the connective tissue skeleton of the normal heart. p.53.

Ephedrus) [with summary in German]. p.245.
Puchkova, L.V. - Eggs of true Hemiptera-Heteroptera. Part 2: Lygaeidae. p.262.
Shvanvich, B.N. - Wing pattern of pierid butterflies (Lepidoptera, Pieridae)[with summary in English]. p.285.
Kozarzhevskaia, E.F. - Biology of the scale insect Leucaspis japonica Ckll. (Homoptera, Coccoidea) in Abkhazia. p.302.
Bogdanova, N.L. - Hyperaspis campestris Herbst (Coleoptera, Coccinellidae), predator of the elongated scale insect Chloropulvinaria flocciferа Westw. (Homoptera, Coccoidea). p.311.
Karaenkova, K.V. - Phasiid flies (Diptera, Phasiidae), parasites of stink bugs (Pentatomidae) in Krasnodar Territory. p.324.
Shura-Bura, B.L., and others. - Dispersion of flies from places of mass hatching in Leningrad. p.334.
Sychevskaia, V.I. - Synthropic flies of Kara-Kalpak. p.347.
Petrova, R.G. - Study of species composition, and the seasonal and diurnal activity of horseflies (Diptera, Tabanidae) in Astrakhan Province. p.359.
Ivanovskaia, O.I. - Plant lice (Homoptera, Aphidoidea) harmful to Tamarix. p.371.
Loginova-Dudykina, M.M., Parfent'ev, V.IA. - Jumping plant lice of the genus Caillardia Bergevin (Homoptera, Psyllidae) harmful to saksaul [with summary in English]. p.377.
Borkhsenius, N.S. - Survey of Palaearctic scale insects of the genus Eriopeltis Sign. (Homoptera, Coccoidea) [with summary in English]. p.397.
Ter-Minasian, M.E. - Survey of species of the genus Curculio L. (Coleoptera, Curculionidae) of the U.S.S.R. and adjacent countries [with summary in German]. p.421.
Kuznetsov, V.I. - New leaf rollers (Tortricidae) and leaf miners (Lithocolletoidea) from western Kopet-Dag [with summary in German]. p.447.
Violovich, N.A. - New species of syrphus flies (Diptera, Syrphidae) from Sakhalin Province [with summary in German]. p.462.
Brief news:
Short report on the activity of the All-Union Entomological Society in the Academy of Sciences of the U.S.S.R. for 1954. p.473.
Report on the activity of the All-Union Entomological Society in the Academy of Sciences of the U.S.S.R. for 1955. p.474.
Conference on the larch spinner. p.477.
"Fauna of Hungary." p.478.
Rodendorf, B.B. - "Dictionary and handbook of the entomologist." p.479.

Vol. 35, no. 3, 1956. [With summaries in English.]
Table of contents translated:
Tenth International Entomological Congress [parallel text in Russian and English]. p.845.
Gilliarov, M.S. - Significance of the soil in the origin and evolution of insects. p.487.
Gilliarov, M.S. - Study of soil insects as a method for classifying soils. p.495.
Shteinberg, D.M. - Morphogenetic analysis of the development of imaginal discs in insects. p.503.
Larchenko, K.O. - Features of insect ontogeny. p.510.
Pavlovskii, E.N. - Functional anatomy of the beetle Silphopsyllus desmanae Ols. (Coleoptera, Leptinidae), a parasite of the desman. p.518.
Shvanvich, B.N. - Color pattern in Lepidoptera [in English]. p.530.
Monchadskii, A.S. - Bloodsucking flies of the U.S.S.R. and some regularities of their attacks on man. p.547.
Galuzo, I.G., Rementsova, M.M. - Vectors and reservoirs of brucellosis in nature. p.560.
Nikol'skaia, M.N. - The importance of phytophagous habits in the evolution of seminiferous chalcid flies (Hymenoptera, Chalcidoidea) of the U.S.S.R. p.570.
Popov, V.V. - Bees, their relations to flowering plants, and the problem of alfalfa pollination. p.582.
Telenga, N.A. - Study of Trichogramma evanescens Westw. and T. Pallida Meyer (Hymenoptera, Trichogrammatidae) and their use for controlling harmful insects in the U.S.S.R. p.599.
Rodendorf, B.B. - Paleozoic insects of southern Siberia [with summary in French]. p.611.
Khaberman, Kh.M. - Structure and dynamics of mesofauna of lowland swamps in the Estonian S.S.R. [with summary in German]. p.620.
Kalandadze, L.P. - Development of insect fauna injurious to tea plants in the U.S.S.R. p.637.
Bei-Bienko, G.IA. - Two new species of the genus Letana Walk. (Orthoptera, Tettigoniidae) from tropical Asia. p.648.
Mishchenko, L.L. - Mantises (Mantoidea) of the southern slope of Gissar Range in Tajikistan. p.652.
Zhil'tsova, L.A. - Study of stone flies (Plecoptera) of the Caucasus: Part I: New species of Taeniopterygidae and Chloroperlidae in the Trialet Range [with summary in French]. p.659.
Borkhsenius, N.S. - Data on Coccoidea (Homoptera) of Korea. p.671.
Arnol'di, L.V. - New weevils (Coleoptera, Curculionidae) from Central Asia. p.680.
Kozhanchikov, I.V. - Asiatic species of the genus Sympherobius Banks (Neuroptera, Hemerobiidae). p.696.
Shtakel'berg, A.A. - New data on the systematics of Palaearctic species of the genus Sphegina Mg. (Diptera, Syrphidae). Part 1. [with summary in German]. p.706.
Grunin, K.IA. - Warble flies (Diptera, Hypodermatidae) of the goitered gazelle (Gazella subgutturosa) Gueld.) [with summary in German]. p.716.
Reviews and bibliography. p.724.

ESTESTVOZNANIE V SHKOLE [NATURAL HISTORY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 5, Sep. - Oct. 1956.
Table of contents translated:
Shibanov, A.A. - Familiarizing students with the most important aspects of agricultural work. p.3.
Natsentov, D.I. - Greenhouse management. p.10.
Merkur'eva, E.K. - Academician M.F.Ivanov. p.18.
Kudriavtseva, E.M. - The role of analysis, synthesis and comparison in the formation of botanical concepts. p.25.
Beliaeva, V.N. - Developing the concept of plant cell structure. p.32.
Tan'kov, B.A. - Group discussion based on experiments in class. p.37.
Shalaev, V.F. - Practical student projects tied in with the study of zoology. p.41.
Pershanina, E.V. - Zoology class review in schools for working youth. p.47.
TSuzmer, A.M. - Practical knowledge and skills acquired while studying the organs of blood circulation. p.50.
Zverev, I.D. - Knowledge of chemistry in a course on human anatomy and physiology. p.60.
Paporkov, M.A., Ivushkina, M.I. - Practical work in stockbreeding for rural schools. p.63.
Kralin, P.I. - Practice of Chelyabinsk School Number 1 in explaining the best times to sow spring wheat. p.71.
Pristavkin, N.K. - Calculation of the socially useful work of students. p.77.
Kurbatov, I.M. - Determining the energy and coefficient of respiration. p.78.
Chistiakov, V.M. - Biological means of deoxidizing oxyhemoglobin. p.79.
Matveev, N.I. - Drying plants to retain their shape. p.80.
Pentegova, A.A. - Stuffing birds and small mammals. p.81.
Agaev, IU.M., Kuliev, S.M., Rzaev, G.A. - Replacing cover glasses with photographic and motion-picture film. p.82.
Fedorova, V.N. - The problem of instruction as treated in "Zoology teaching methods." p.83.
Tetiurev, V.A. - Training in logic in the methods manuals of N.M.Verzilin. p.90.
Gorbunov, N.A. - Extracurricular reading in biology. p.93.

EŻEBÎ BASHKORTOSTAN [LITERARY BASHKIRIA]. Organ of Soiuz sovetskikh pisatelei Bashkirii [Association of Soviet Writers of Bashkiria]. Ufa, vol. 26, no. 10, Oct. 1956. [In Bashkir.]

EZHEGODNIK KNIGI SSSR; sistematicheskii ukazatel' [ANNUAL OF SOVIET BOOKS; Classified Index]. Issued by Vsesoluznaia knizhnaia palata [All-Union Book Chamber]. Moscow, 1-e polugodie [half year], 1955.

FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoiuznoe obshchestvo fiziologov, biokhimikov i farmakologov [All-Union Society of Physiologists, Biochemists, and Pharmacologists]. Moscow, vol. 42, no. 7, July 1956.
Table of contents translated:
Lagutina, N.I., Rozhanskii, N.A., Urmanchoeva, T.G. - Data on the characteristics of the palescortex. p.533.
Eremin, A.V., Cherniakov, I.N. - Regulation of respiration and blood circulation in somnolent states. p.541.
Frolov, V.M. - Modification in the gastric secretory function of dogs during the formation of conditioned reflexes. p.546.
Dzhavadian, N.S. - Accomodation capacity of the cardiovascular system during blood loss in dogs following high total transection of the spinal cord. p.553.
Gal'perin, IU.M., Kandel', A.P. - Analysis of the mechanism of action of intra-arterial transfusion. p.559.
Gotsev, T., and others. - Physiological and biochemical modifications in the blood of students at examination time. p.565.
Chistovich, L.A. - Comparative characteristics of conditioned motor reactions to auditory stimuli in man developed on the basis of verbal and olfactory reinforcements. p.572.
Aleshin, I.A. - Electrophysiological investigation of the initial stage of excitation of the glandular apparatus of the stomach. p.581.
Petrov, K.P. - Catalase and peroxidase in intestinal juice. p.589.
Lind, Kh. - Biochemical factors in gastric secretion and its regulation; diphasic action of methylene blue. p.592.
Bukov, V.A. - Physiological mechanism of sleep. p.597.
Sopikov, N.F. - Method of recording the volume of inspired air. p.604.
Esipenko, B.E. - Method of graphic registration of the secretion of gastrointestinal glands and of urination. p.607.
Korostovtseeva, N.V. - Method of preparation of so-called saline frogs. p.609.
Biriukov, D.A., Vedlaev, F.P. - Achievements in evolutive physiology; conference on the problems of evolutive physiology of the nervous system. p.612.
Letter to the editor. p.620.

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL] Issued by Instytut fiziologii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 2, no. 3, May-June 1956. [In Ukrainian with summaries in Russian.]
Table of contents translated:
Medvedieva, N.B. - Aleksandr Aleksandrovich Bogomolets; on the 75th anniversary of his birth. p.5.
Anichkov, M.M. - Foundation of the independent role of the reticulo-endothelial system in the organism. p.14.
Filatov, V.P. - Theoretical basis of tissue therapy; study of biogenetic stimulants. p.23.
Voronin, V.V. - A.A.Bogomolets's works on hemodynamics. p.29.
Komisarenko, V.P. - Development of A.A.Bogomolets's theories in the field of endocrinology. p.31.
Man'kovs'kyi, B.M., Lytovchenko, S.V. - Myotonic dystrophy. p.36.
Shamov, V.M., Konstantynova, L.IE. - Significance of types of higher nervous activity for understanding some postoperative complications in the surgical clinic. p.47.
Goriev, M.M., Loslov, V.A. - Course of hyperergic inflammation in animals with experimental hypertension. p.55.
Makarchenko, O.F. - Changes in chronaxy caused by manganese intoxication. p.66.
IUdina, N.D. - Changes in the blood and bone marrow depending on age; experimental investigation. p.73.
Spasokukots'kyi, IU.O. - Physiological characteristics of the organism of long-living people and conditions conducive to longevity. p.92.
Ilenis, IE.D. - Morphological changes in the organs and tissues during premature senility caused by functional disorders of the central nervous system. p.97.
Al'pern, D.O. - Effect of changes in the functional state of the nervous system on enzymochemical processes and the cholinergic reaction of the sick organism. p.102.
Shumyts'ka, N.M. - Effect of drug-induced sleep on immunological reactivity and the course of infection in an experiment. p.106.
Savyts'kyi, I.V., Adamova'ka, I.I. - Role of the nervous system in the mechanism of the action of antireticular cytotoxic serum on cutaneous and vascular absorption capacity. p.115.
Zhrzheblova'ka, V.N. - Changes in the phagocytic activity of blood leucocytes in scarlet fever as affected by antireticular cytotoxic serum. p.123.
Marchuk, P.D. - Some physiological mechanisms of hardening. p.131.
Horodets'kyi, O.O. - Characteristic features of the course and outcome of acute radiation syndrome produced by general external and internal ionizing irradiation. p.137.
Samundzhan, IE.M. - Changes in conditioned reflex activity in mice caused by beta and gamma radiation. p.144.
Danylenko, A.I. - Natural activity of beta radiation in human blood. p.155.
Chebotar'ov, IE.IU. - Treating radiation sickness with BK-8 protein blood substitute, vitamin $B_{12}$ and streptomycin. p.157.
Valuieva, T.K., Maiova'ka, I.P. - Effect of adrenalectomy on some features of carbohydrate metabolism in the brain and muscles. p.164.
Levchenko, M.N. - Mechanism of action of heterohemotransfusion. Report no. 1: Changes in the oxidation-reduction potentials of the blood and tissues due to heterohemotransfusion. p.169.

Vol. 2, no. 4, July-Aug. 1956. [In Ukrainian.]
Table of contents translated:
Khil'chenko, A., Rasin, S. - On the 75th birthday and 50th anniversay of the medical, scientific, pedagogical and social activities of academician V.P. Protopopov of the Academy of Sciences of the Ukrainian S.S.R. p.3.
Gilliarovskii, V.A. - Hypochondriacal syndrome. p.9.
Popov, E.A. - Some clinical data on phase interrelations in the picture of manic-depressive psychosis (the "happy dream" symptom). p.18.
Sereiskii, M.IA. - Limits to the use of electroconvulsive therapy in psychiatric practice; new method of combined narcoelectroconvulsive therapy of psychosis. p.21.
Shmar'ian, A.S. - Antibiotics in the system of complex therapy for mental diseases. p.26.

REFERATIVNYI ZHURNAL: KHIMIIA; BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY; BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 20, Oct. 1956.

Contents:

[Abstracts] Referaty 19719-19707. 117 p.

No. 21, Nov. 1956.

Contents:

[Abstracts] Referaty 19708-20698. 118 p.

UKRAINS'KYI BIOKHIMICHNYI ZHURNAL [UKRAINIAN BIOCHEMICAL JOURNAL]. Published by Institut Biokhimii Akademii nauk URSR [Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 28, no. 3, 1956. [In Ukrainian with summaries in Russian.]

Table of contents translated:

Voronians'kyi, V.I. - Changes in the correlation of muscle protein fractions in capons. p. 255.
Popov, V.V., Sobchuk, B.A. - Dynamics of the alkaline denaturation of hemoglobin derivatives in man and animals. p. 260.
TSyperovych, O.S., Losieva, A.L. - Mechanism of protein denaturation. Report no. 8: Materials on the characteristics of protein denaturation and the transformations connected with it. p. 265.
Ferdman, D.L., Gryhor'ieva, V.A., Medovar, IE.N. - Data on the protein content of muscles and the intensity of their restoration following denervation. p. 278.
Poliakova, N.M. - Investigating the proteins of various parts of the nervous system with the aid of electrophoresis on paper. p. 286.
Chepynoha, O.P., Pavlovs'kyi, I.O. - Effect of nucleic acids on the enzymatic functions of proteins. p. 296.
Korotkoruchko, V.P. - Data on xanthine oxidase from the liver of healthy rabbits and rabbits with tumors. p. 310.
Sirmay, E. - New scheme of blood coagulation and hemorrhagic diatheses. p. 317.
Radzitevs'kyi, O.R. - Adenosinetriphosphoric acid content of muscles of the hind extremities of rabbits during the development of collateral blood circulation. p. 323.
Palladina, L.I., Rudina, A.M. - Effect of substances of the tricarbon cycle on oxidation in regenerating tissues. p. 329.
TSukernyk, A.V. - Oxidation and metabolism of adrenaline in the adrenals and kidneys and the neural regulation of these processes. Report no. 2: Effect of urea and tyramine on the oxidation of adrenaline. p. 338.
Pochynok, Kh.M., Bershtein, B.I. - Colorimetric ninhydrin method of determining amino nitrogen in plants. p. 354.
Khvoinyts'ka, M.A. - Determining the extracellular "sulfate" space in rabbits with the aid of radioactive sulfur. p. 364.
Lakhno, E.V. - "Outline of the biochemistry of sports" by N.N. IAkovlev. p. 369.
Haisyns'ka, M.N. - Problems of biochemistry at the Fifth Congress of the Ukrainian Society of Physiologists, Biochemists, and Pharmacologists. p. 372.

USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 42, no. 1(4), July-Aug. 1956.

Table of contents translated:

Chernikov, M.P. - Some theoretical problems of the action of proteinases. p. 3.
Petrochenko, E.I. - Glycoalkaloids of the nightshade family. p. 19.
Shreder, V.N. - Role of the metabolism of parents on the formation of sex in the progeny. p. 33.
Mints, S.M. - Role of the nervous system in the regulation of intraocular pressure. p. 51.
Astaurov, B.L. - Biological foundation of the in vivo disinfection of plants and poikilothermic animals by means of high temperatures. p. 62.
Brodskii, V.IA. - Cytophotometry; quantitative cytochemical methods. p. 87.
Falin, L.I. - "Present-day methods and techniques of morphological investigation"; collection of articles. p. 108.
Poltakov, I.M. - "Geoffroy Saint-Hilaire and his struggle against Cuvier." I.E. Amflinskii. p. 111.
Bogoliubskii, S.N. - Conference on problems of the individual development of farm animals. p. 115.

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 35, no. 6, June 1956.

Table of contents translated:

Shteinberg, D.M. - Interrelations of tissues in grafting and transplanting in plants and animals [with English summary in insert]. p. 793.
Shvarts, S.S. - Development of some internal characteristics in terrestial vertebrates [with English summary in insert]. p. 804.
Markovskii, IU.M., Olivari, G.A. - Flow of bottom organisms and dynamics of benthos in the upper reaches of the forthcoming Kremenchug reservoir in the middle Dnieper [with English summary in insert]. p. 820.
Reznik, P.A. - Anomalies in the body structure of ixodid ticks [with English summary in insert]. p. 833.
Bozhenko, V.P., Shevchenko, S.F. - Ecology of the tick Ixodes laguri laguri Ol. in connection with its role in sustaining natural reservoirs of tularemia [with English summary in insert]. p. 837.
Alelnikova, M.M., Izotova, T.E. - Myriapods of the Tatar A.S.S.R. [with English summary in insert]. p. 843.
Voronisov, A.I. - Long-range study of insects in pine plantations of the southeast sandy areas [with English summary in insert]. p. 847.
Borkhsenius, N.S. - Species of mealy bugs (Insecta, Coccoidea) da...aging citrus plants in Israel [with English summary in insert]. p. 863.
Narchuk, E.P. - Distinction between larvae and puparia of the frit flies Oscinella frit L. and Oscinella pusilla Meig. (Diptera, Chloropidae) [with English summary in insert]. p. 868.
Balabai, P.P. - Phylogeny of Agnatha [with English summary in insert]. p. 874.
Pavlov, P.I. - Comparison of the Danube and Dnieper bream [with English summary in insert]. p. 891.
Pavlov, M.P., Kiris, I.B. - Feeding habits of the fox (Vulpes vulpes L.) in the Kuban reed swamps of the Azov region inhabited by the coypu (Myocastor coypu Mol.) [with English summary in insert]. p. 897.
Ismagilov, M.I. - Data on the ecology of the Tien Shan marmot Marmota bobac centralis Thom. [with English summary in insert]. p. 903.
Dul'keit, G.D. - The hare Lepus Mantschuricus Raddei in the Ussuri region [with English summary in insert]. p. 916.
Gladkina, T.S., Poliakov, I.IA. - Criteria for forecasting the population of the red-tailed gerbil (Meriones erythrourus) in Azerbaijan and southern Uzbekistan [with English summary in insert]. p. 922.
Negrobov, V.P. - Anazote, a microporous rubber for entomological containers. p. 935.
Kozlov, V.V. - Asphyxiation of fishes in the Oka River. p. 930.
Semenov-Tian-Shanskii, O.I. -Spawning of the lamprey Lampetra japonica kessleri Anikin. p. 937.
Tugarina, P.IA. - Some data on the propagation of the white Baikal grayling. p. 938.
Fedorov, A.V. - Adaptation of predatory fishes to feeding on large armed prey. p. 939
Bashenina, N.V. - Effect of air under the snow cover on the arrangement of vole winter burrows. p. 940.

Vol. 35, no. 8, Aug. 1956. [With English summaries in insert.]

Table of contents translated:

Hoare, S.A. - Intraspecific ecological categories in pathogenic protozoa. p. 1113.
Kuznetsov, V.V. - Some features of intraspecific morphological and biological variability exemplified by marine invertebrates. p. 1118.
Zhuravel', P.A. - Introduction of Mysidae (Crustacea) as a food for fishes in reservoirs and other bodies of water in the Krivoy Rog Basin. p. 1131.
Dubinina, M.N. - Superparasitism of the metacercaria of Tetracotyle variegata (Creplin) in Ligulidae. p. 1139.
Vainshtein, B.A. - New findings on tetranychoid mites in southern Kazakhstan. p. 1146.
Reznik, P.A. - Study of immature phases of ixodid ticks. p. 1152.
Palii, V.F. - Bottomland flea beetles (Halticinae, Chrysomelidae, Coleoptera) in the central Chernozem belt of the European part of the U.S.S.R. and some conjectures on their distribution connected with the irrigation of lands in the southeast. p. 1163.
Milianovskii, E.S. - Causes of the absence of certain Lepidoptera in the Black Sea region of Abkhazia. p. 1170.
Kalandadze, L.P., Bargavadze, A.I. - Biological peculiarities of the cherry fruit fly Rhagoletis cerasi L. in the Georgian S.S.R. p. 1177.
Mamaev, B.M. - Possibility for using peculiarities of head structure in identification of gallflies' (Itonididae, Diptera). p. 1186.
Ivanova-Kazas, O.M. - Embryonic development of pyrosomids (Pyrosomida, Tunicata). p. 1193.
Shtegman, B.K. - Measures for controlling sparrows in Kazakhstan. p. 1203.
Kumari, E.V. - Results of coordinated observations on bird migrations in the Baltic Sea region in the autumn of 1954. p. 1214.
Kadochnikov, N.P. - Attraction of the cuckoo (Cuculus canorus L.) to pine plantations in Balashov region. p. 1223.
Knorre, E.P., Knorre, E.K. - Regularities of growth and seasonal changes in the live weight of elk. p. 1229.
Sokolov, L.I. - Methods for determining the age of roe deer (Capreolus capreolus L.). p. 1238.
Tereshchenko, M.P. - Effect of environmental factors on the susceptibility of house mice to tularemia. p. 1250.
Lavrovskii, A.A., Shatas, IA.F. - Marmota baibacina in Daghestan. p. 1254.
D'iakonov, A.M. - What is the female Hybernia occataria described by N.G.Ershov? p. 1260.
Chernyshenko, A.S. - Parasitofauna of endemic relict fishes. p. 1261.
Rustamov, A.K. - Moulting of the black partridge (Francolinus francolinus L.). p. 1263.
Teplov, V.P. - Feeding of the common mallard on acorns. p. 1264.
Reviews. p. 1266.
Brief news and information. p. 1270.

## d) CHEMISTRY

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Chemical Sciences]. Moscow, no. 7, July 1956.

Table of contents translated:

Fiftieth anniversary of the birth of I.I. Knuniants. p. 753.
Fiftieth anniversary of the birth of I.N. Nazarov. p. 754.
Starik, I.E., Alekseenko, N.I., Rozovskaia, N.G. - Colloidal properties of polonium. p. 755.
Blumberg, E.A., Pomanskii, A.N., Emmanuel', N.M. - Concentration limits for the propagation of flame in mixtures: hydrogen - nitrogen oxides. p. 764.
Kornilov, I.I., Pylneva, E.N., Volkova, M.A. - Equilibrium diagram for the binary system: titanium - aluminum. p. 771.
Gerasimov, V.V., Rozenfel'd, I.L. - Effect of temperature on the value of the diffusion current and on the thickness of the diffusion layer. p. 779.
Neimark, I.E., and others. - Variation of the macrostructure and of the catalytic activity of aluminum oxide steam treated and compressed. p. 784.
Kabachnik, M.I., Gilarov, V.A. - Imides of alkylphosphoric acids. Trialkyl-N-phenylimidophosphates. p. 790.
Andrianov, K.A., Gamina, T.N., Khrustaleva, E.N. - Polyorganic tin siloxanes and polyorganic titanium siloxanes. p. 798.
Voronkov, M.G., Khudobin, IU.I. - Reaction of trialkylsilanes with iodine and hydrogen iodide. p. 805.
Shostakovskii, M.F., Kondrat'ev, Kh.I. - Research in the field of synthesis and conversion of oxygen containing silicon organic compounds. Part 4. Synthesis of methyl-ethyl-, α-propyl- and isopropyldimethylphenylsilylacetals. p. 811.
Nazarov, I.N., Kucherov, V.F., Andreev, V.M. - Research in the stereochemistry of cyclic compounds. Part II. Stereochemistry of Δ⁴-tetralin-1,2-dicarboxylic acids. p. 817.
Nazarov, I.N., Shveikhgeimer, G.A. - Acetylene derivatives. Part 176. Alcoholysis of β-cyanoethyl ethers of acetylenic alcohols. p. 827.
Kil'disheva, O.V., and others. - Conversions of mercapto amino acids. Part II. α,β-disubstituted-N-acylaminocarboxylic acids. p. 834.
Knuniants, I.L., Pervova, E.IA., Tiulenova, V.V. - Reactions of perfluoro olefins. Part 3. Reactions for the conjugate addition of halides. p. 843.
Kil'disheva, O.V., and others. - Decarboxylation of α-acylamino-β-halosubstituted carboxylic acids. p. 850.
Belikov, V.M. - Certain reactions for the condensation of esters of aliphatic nitrocarboxylic acids. p. 856.
Topchiev, A.V., Kaptsov, N.N. - Primary radical formation in the vapor-phase nitration of alkanes by nitrogen dioxide. p. 863.
Eidus, IA.T., Izmailov, R.I. - Catalytic hydrocondensation of carbon monoxide with olefins. Part 17. Role of 2-butene in the hydrocondensation with carbon monoxide. p. 869.
Gonikberg, M.G. - Mechanism of the thermal breakdown and chlorinolysis of hexachloropropylene and octachloropentadiene-1, 3. p. 873.
General meeting of the Department of Chemical Sciences of the Academy of Sciences of the U.S.S.R. p. 878.
From the Committee on the Nomenclature of Chemical Compounds at the Academy of Sciences of the U.S.S.R. p. 882.

No. 8, Aug. 1956.

Table of contents translated:

Kornilov, I.I., Prinkhina, L.I., Ozhimkova, O.V. - Study of parts of the quintuple system: nickel - chromium - tungsten - titanium - aluminum. p. 885.
Kapustinskii, A.F., Kessler, IU.M. - Thermal analysis of the system: benzene - stannic bromide. p. 889.
Morachevskii, IU.V., Piriutko, M.M. - Solubility of silicic acid. p. 894.
Mikheeva, V.I., Fedneva, E.M. - Study of the reaction of boron trichloride ethereate with lithium hydride. Part I. Preparation of diborane of individual purity. p. 902.
Freidlin, L.Kh., and others. - Deactivation of nickel catalysts with pressurized steam. p. 913.
Anisimov, K.N., Kolobova, N.E. - Research in the field of unsaturated phosphinic acids. Part 10. Esters of (3-chlorobutene-2)-4-phosphinic and (butadiene-2,3)-4-phosphinic acids. p. 923.

Antipina, A. D., Bochkarev, V. N., Korolev, Yu. M., Lapidus, A. L., Minachev, Kh. M., Rozhdestvenskaya, I. D., Slinkin, A. A., Fedorovskaya, E. A., and Shuikin, N. I. — Catalytic properties of zeolites containing rare earth cations in the reaction of ethylene hydration. p. 1253

Antipina, A. D., Bochkarev, V. N., Korolev, Yu. M., Lapidus, A. L., Minachev, Kh. M., Rozhdestvenskaya, I. D., Slinkin, A. A., Fedorovskaya, E. A., and Shuikin, N. I. — Catalytic properties of zeolites containing rare earth cations in the reaction of ethylene hydration. p. 1253

Allen, E. E., Bozzelli, J. W., Jr., and Kobe, K. A. — Thermochemical properties of gaseous metal hydroxides. p. 1255

Ilyushin, V. G., Kondratyev, A. Yu., Krylov, O. V., Mamedov, Kh. S., and Matyshak, V. A. — Kinetics of the oxidation of ethylene on a copper-chromium oxide catalyst. p. 1259

Ginzburg, S. I., Ezerskaya, N. A., Prokofyeva, N. F., Fedorenko, V. D., Shlenskaya, N. A., and Vedenyapina, N. A. — Complexometric titration in analysis of molybdenum, tungsten, and vanadium compounds. p. 1265

methods and experiments with chromic oxide. p. 1367.
Varshavskii, IA.M., Kalinachenko, V.R. - Calculation of experimental results in isotopic hydrogen exchange. p. 1376.
Panchenkov, G.M., and others. - Isotopic analysis of alkali elements with the aid of a synthetic aluminosilicate ion emitter. p. 1380.
Akishin, P.A., and others. - Isotopic analysis of Ca, Sr, Ba with the aid of a synthetic aluminosilicate ion emitter. p. 1387.
Kozhevnikov, N.N. - Recording small temperature intervals with the EPP-09 potentiometer. p. 1392.
Vladimirov, L.P. - Rapid methods for approximate and exact calculation of equilibrium. p. 1396.
Pavliuchenko, M.M. - Reply to S.V.Markevich. p. 1400.
Losev, V.V. - Anodic dissolution of zinc amalgam. p. 1402.
Saiasov, IU.S. - Kinetics of successive reactions of various order. p. 1404.
Stepukhovich, A.D., Bakhareva, I.F. - Reply to the remarks of IU.S.Saiasov. p. 1407.
Kapustinskii, A.F. - Correlation of heats of formation. p. 1410.
Mokhnatkin, M.P. - Thermodynamics and superconductivity; in connection with the theory of phase transitions of the second order. p. 1413.
Boldyrev, V.V., Sakovich, G.V. - Floating balance for the study of the kinetics of reactions including solids. p. 1416.
Beliaev, I.N. - Equilibrium diagram for the system: $CoO - B_2O_3$. p. 1419.
Karapet'iants, M.Kh. - Two methods for the comparative computation of properties of substances. p. 1420.
Antipin, L.N. - High temperature aluminum-oxygen galvanic cell. p. 1425.
Rozenfel'd, I.L., Pavlutskaia, T.I. - Correlation of polarization and optical resistances in local elements active under thin electrolyte layers. p. 1427.
Kazarnovskii, I.A., Lipikhin, N.P., Tikhomirov, M.V. - Isotopic oxygen exchange between a free hydroxyl radical and water. p. 1429.

ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 1, [Jan.] 1956.

Table of contents translated:

From the editor. p. 3.
Cherniaev, I.I. - Development of certain tendencies in inorganic chemistry in the U.S.S.R. p. 5.
Shchukarev, S.A., and others. - Thermal dissociation of platinum halides. Part 1. Platinum bromides. p. 8.
Shchukarev, S.A., Oranskaia, M.A., Shemiakina, T.S. - Thermal dossociation of platinum halides. Part 2. Platinum chlorides. p. 17.
Lobanov, N.I. - Tetravalent chromium compunds. p. 24.
Tananaev, N.A. - Certain irregularities of the redoxo reactions. p. 27.
Shchukarev, S.A., and others. - Saturated vapor pressure of vanadium tetrachloride. p. 30.
Chukhlantsev, V.G., Sharova, A.K. - Solubility products or uranyl arsenates. p. 36.
Grinberg, A.A., Dobrogorskaia, A.I. - Reciprocal effect of groups in the inner sphere of complex compounds. p. 42.
Volshtein, L.M., Velikanova, N.S. - Complex compounds of bivalent platinum with tyrosine. p. 48.
Tananaev, I.V., Seifer, G.B. - Yttrium and cerium ferrocyanides. p. 53.
Tananaev, I.V., Seifer, G.B. - Mixed ferrocyanide of lithium and cesium. p. 64.
Tananaev, I.V., Glushkova, M.A., Seifer, G.B. - Ferrocyanide solubility series. p. 66.
Zviagintsev, O.E., Sudarikov, B.N. - Complex salicylates of certain metals. p. 69.
Voznesenskii, S.A., Rodionov, N.A. - Preparation and properties of concentrated solutions of diamine cupronacetate, diamine cuproformate, and cuproglycocholate. p. 76.

of carbides. p. 193.
Babaeva, A.V., Ushakova, N.I. - Isomerism of platinum acidocomplex compounds. . p. 212.
Grinberg, A.A., Nikol'skaia, L.E., Kiseleva, N.V. - Some new data on the exchange of acid residues in compounds of the $K_2[PdX_4]$ type. p. 220.
Shchukarev, S.A., Lilich, L.S., Laiysheva, V.A. - Halide complexes of zinc, cadmium, and mercury in aqueous solutions. p. 225.
Gogorishvili, P.V., Karkarashvili, M.V., TSitsishvili, L.D. - Separate determination of hydrazine and ammonia in ammoniacal hydrazine complex compounds. p. 232.
Toropova, V.F. - Study of selenocyanate complex compounds of certain metals. p. 243.
Ablov, A.V., Batyr, D.G. - Complex copper salts of -oxy acids. Part 2. Trimesotartratotetracuprates. p. 251.
IAkovleva, V.S., Troitskii, B.P. - Formation of a complex compound the fusion of copper sulfate and tellurite. p. 257.
IAkovleva, V.S., Troitskii, B.P. - Interaction of copper tellurite and copper and copper disulfatotelluritocuproate with aqueous ethylenediamine solution. p. 264.
Tananaev, I.V., Nikolaev, N.S., Buslaev, IU.A. - Study of the system HF - $ZrF_4$ -$H_2O$ from isothermic solubility (isotherm 0, 5°). p. 274.
Gel'bshtein, A.I., Shcheglova, G.G., Temkin, M.I. - Function of acidity in aqueous HCl solutions and in the system $P_2O_5$ - $H_2O$ at various temperatures. p. 282.
Luktanova, E.I., Sokol, V.I., Sokolova, G.N. - Solubility in the quaternary reciprocal system ($2KCl + MgSO_4 \rightarrow K_2SO_4 + MgCl_2$) + $H_2O$ at 75°. p. 298.
Kornilov, I.I., Pylaeva, E.N. - Study of the equilibrium diagram of the ternary system Ni - $Ni_3Nb$ - $Ni_3Ta$. p. 308.
Chernogorenko, V.B. - Determination of eutectic temperatures for water - salt systems by means of contact fusion. p. 317.
Perova, A.P. - Reciprocal solubility in the system $UO_2(NO_3)_2$ - $KNO_3$ - $H_2O$ at low temperatures. p. 323.
Perova, A.P. - Polytherm of the ternary system $UO_2(NO_3)_2$ - $KNO_3$ - $H_2O$. p. 330.
Fomin, V.V., Maslova, R.N. - Valence states of $P^{32}$ which is formed in the reaction $S(n,p)P$. p. 337.
Knlazev, G.A., Fomin, V.V., Zakharov-Nartsissov, O.I. - Ion-exchange study of the dissociation of $CoC_2O_4$. p. 342.
Sheka, Z.A. - Conference on the use of tracers in the chemistry of complex compounds. p. 345.
Zviagintsev, O.E. - "Collected works" of the M.I. Kalinin Institute of Nonferrous Metals and Gold in Moscow. p. 349.

Vol. 1, no. 3, Mar. 1956.

Table of contents translated:

Sheka, I.A. - IAkov Anatol'evich Fialkov; on the sixtieth anniversary of his birth. p. 363.
Shchukarev, S.A., Novikov, G.I. - Thermodynamic studies of certain tungsten chloro derivatives. p. 367.
Shchukarev, S.A., Novikov, G.I. - Reduction of cerium trichloride by hydrogen. p. 382.
Krylov, E.I. - Synthesis and properties of yttrium orthotitanate. p. 386.
Khodakov, IU.V. - Chemistry of phosphorus oxygenous compounds in view of the structural theory. p. 388.
Lazarev, A.I. - Effect of liquid amalgams on perrhenates. p. 395.
Konarev, M.I., and others. - Effect of the nature of acids on the composition of fresh zirconium-iodate precipitates. p. 392.
Gil'dengershel', Kh.I. - New methods for the synthesis of tetramineplatochlorides. p. 400.
Podchainova, V.N., Krylov, E.I., Rinbchikov, D.I. - Copper valence in some of its complex compounds. p. 406.
IAtsimirskii, K.B. - Certain functions characterizing the stepwise complexing in solutions. p. 412.
Panova, V.E. - Composition and stability of tatratelead complex ions. p. 422.
Vinogradova, L.I., Plitsyn, B.V. - Determination of instability constants for potassium trioxalatoferrate by means of displaced equilibrium. p. 427.
Vinogradova, L.I., Plitsyn, B.V. - Determination of instability constants of potassium trioxalatoferrate from the interaction of an iron salt with silver oxalate. p. 432.
IAtsimirskii, K.B., Jasinskiene, E.I. - Kinetics and mechanism of the formation of a trivalent-chromium complex compound with urea. p. 438.
Spitsyn, V.I., Kolli, I.D. - Study of the dehydration and thermal decomposition of potassium silicotungstate. p. 445.
Kolli, I.D., Pirogova, G.N., Spitsyn, V.I. - Dehydration of sodium paratungstate. p. 460.
Kolli, I.D., Pirogova, G.N., Spitsyn, V.I. - Dehydration of sodium metatungstate. p. 470.
Chukhlantsev, V.G., Stepanov, S.I. - Solubility of uranyl and thorium phosphates. p. 478.
Babko, A.K. - Character of the soluble complex formed by the interaction of nickel, dimethylglyoxime, and an oxidant. p. 485.
Vert, Zh.L., Kamentsev, M.V. - Formation of sulfides during the interaction of ferrous sulfide with metal oxides. p. 489.
Mikheeva, L.M., Novoselova, A.V., Diktimirov, R. - Determination of the solubility of calcium fluoride and fluoberyllate in water and in hydrochloric acid with the aid of tracers. p. 499.
Gel'bshtein, A.I., Shcheglova, G.G., Temkin, M.I. - Acidity function for the system: $H_2SO_4$ - $H_2O$ at various temperatures. p. 506.
Vorob'eva, O.I., and others. - System: NaF - $BeF_2$ - $H_2O$. p. 516.
Levchenko, V.M. - Thermal analysis of sea water. p. 520.
Sveshnikova, V.N., Liashenko, M.N. - Interaction of nepheline with phosphoric acid. p. 532.
Lysenko, IU.A., Osipov, O.A., Akopov, E.K. - Physicochemical study of the interaction of titanium tetrachloride with esters of monobasic acids. p. 536.
IArym-Agaev, N.L. - Conditions for the occurrence of isothermal extremum points in transfer from molecular-property isotherm to specific-property isotherms and inversely. p. 542.
Spitsyn, V.I. - Use of tracers in the study of the structure of certain aquopoly and heteropoly compounds. p. 552.
Finikov, IA.A., Nazarenko, IU.P. - Study of the isotopic exchange in solutions of green modifications of chromium salts. p. 565.
Kuznetsov, V.I., Miasoedova, G.V. - Use of organic coprecipitants in studying the flow of reactions in highly diluted solutions. p. 579.
Sheka, Z.A., Kriss, E.E. - Study of the formation of cobaltic xanthogenate. p. 586.
Starik, I.E., Rozovskaia, N.G. - Sorption of polonium by glass. p. 598.

Vol. 1, no. 4, Apr. 1956.

Table of contents translated:

Zviagintsev, O.E., Nikolaev, A.V. - Abram Mikhailovich Rubinshtein; obituary. p. 609.
Borisenko, A.I., Shirokova, P.V. - Study of calcium titanates. p. 615.
Mikheeva, V.I., Markina, V.IU. - Preparation of tetraborane by the hydrolysis of borides. p. 619.
Vinnik, M.I., and others. - Preparation of pure boron fluoride. p. 628.
Zelikman, A.N., Gorovits, N.N., Prosenkova, T.E. - Vapor pressure of molybdenum trioxide at high temperatures. p. 632.
Khodakov, IU.V. - Allotropic modification of nonmetals of the V group in the periodic system. p. 638.
Lapitskii, A.V., Simanov, IU.P., Artamonova, E.P. - Reduction of niobium and tantalum pentoxides with hydrogen. p. 641.
Lapitskii, A.V., Pospelova, L.A., Artamonova, E.P. - Study of the dissolving action of water and of mineral acids on niobium and tantalum pentoxides. p. 650.
Solov'ev, S.I., Krylov, E.I., Kononova, L.P. - Purification of niobium and titanium with cationites. p. 660.
Ormont, B.F. - Contemporary state of the theory of complex compounds. Part 1. State of the coordination theory. Structural classification of complex compounds. p. 664.
Ormont, B.F. - Present state of the theory of complex compounds. Part 2. Certain problems in the energetics and theory of chemical bonds. p. 678.
Ablov, A.V., Syrtsova, G.P. - Complex compounds of tetravalent cobalt with dimethylglyoxime. p. 687.
Ablov, A.V., Batyr, D.G. - Complex copper salts of -oxy acids. p. 692.
Novoselova, A.V., and others. - Compounds of beryllium oxyacetates with pyridine and dioxane. p. 696.
Zolotavin, V.L., Kalugina, N.N. - Study of vanadium complex compounds. p. 703.
Chovnyk, N.G., Vashchenko, V.V. - Polarographic determination of the number of electrons taking part in the electrochemical reduction of bismuth in melts. p. 710.
Muzyka, I.D. - Conductance in aqueous solutions of acid-salt systems. p. 713.
Anosov, V.IA. - Correlation of the dependences of the specific property from weight units and of the molar property from molar units in a binary system. p. 720.
Migal', P.K., Sychev, A.IA. - Physicochemical study of the system: cobaltous chloride - sodium citrate in aqueous medium. p. 726.
Urazov, G.G., Karnaukhov, A.S. - Study of the substitution $2AgCl + Pb \rightleftarrows PbCl_2 + 2Ag$ by thermal analysis of the ternary system: Ag - Pb - Cl. p. 733.
IAnal'eva, O.K. - Study of the interaction of dolomite with sodium sulfate solutions. p. 761.
Denisova, L.F. - Study of the ternary system: sulfur - bromine - iodine by the fusibility method. p. 768.
Bigich, I.S. - Physicochemical study of the system: KBr $3AlBr_3$ - $C_6H_5NO_2$. p. 772.
Illarionov, V.V., Ozerov, R.P., Kil'disheva, E.V. - System: $K_2O$ - $V_2O_5$ in the region of $KVO_3$ - $V_2O_5$. p. 777.
Niankovskaia, R.N. - Irreversible-reciprocal system of sodium and potassium sulfates and iodides. p. 783.
Morozov, I.S. - Chemical interaction of niobium

hydroxide with hydroxides of rare earth metals, titanium, and iron. p. 701.
Diogenov, G.G. - Irreversible-reciprocal system of lithium and sodium acetates and nitrates. p. 799.
Posypaiko, V.P., Kislova, A.I., Bergman, A.G. - Ternary systems of lithium metaborates, chlorides, sulfates, and tungstates. p. 806.
Pliushchev, V.E., and others. - Study of the interaction of chlorides of alkali and alkaline earth elements in melts. p. 820.
Mun, A.I., Darer, R.S. - Cryoscopy of aqueous salt solutions. p. 834.
Oreshko, V.F., Khatchatrian, L.D., Kozlova, M.D. - Synthesis of pyrite labeled with the isotope $S^{35}$. p. 838.
Pchelkin, V.A., and others. - Study of the isotopic exchange between various salts of niobic acid. p. 841.
Korenman, I.M., Shelanova, F.R. - Study of the extraction of certain chelate compounds by means of radioactive indicators. p. 852.
Korenman, I.M., and others. - Coprecipitation with certain complex compounds obtained by the action of organic precipitants. p. 863.
Lepeshkov, I.N. - Twenty eighth International Industrial Chemistry Congress in Madrid. p. 874.

Vol. 1, no. 5, May 1956.
Table of contents translated:
Shchukarev, S.A., Oranskaia, M.A. - Thermal dissociation of gold chlorides. p. 861.
Novoselova, A.V., Semenenko, K.N. - Beryllium oxymonochloroacetate. p. 867.
Cherniaev, I.I., Palkin, V.A. - Heat of solution and crystal lattice energy of bivalent-platinum tetrammines. p. 890.
Mikheeva, V.I., Fednova, E.M. - Complex compounds of boron hydrides with nitrogen-containing organic bases. Part 1. Compounds of diborane with pyridine and quinoline. p. 894.
Goroshchenko, IA.G. - Niobium sulfates. p. 903.
Goroshchenko, IA.G. - Double niobium ammonium sulfates. p. 909.
Goroshchenko, IA.G. - Double tantalum ammonium sulfates. p. 915.
Babaeva, A.V., Rudyi, R.I. - Electron absorption spectra for complex compounds in the crystal state. p. 921.
Toropova, V.F. - Study of the stability of mercury thiourea complex compounds. p. 930.
Bigich, I.S. - Cryoscopy of certain complex compounds of aluminum bromide in nitrobenzene. p. 939.
Spitsyn, V.I., Konova, K.G. - Electrochemical methods for the preparation of heteropoly compounds. p. 941.
IAtsimirskii, K.B., Alekseeva, I.I. - Kinetic study of oxalate and phosphate molybdenum complexes. p. 952.
Kul'berg, L.M., Kovalova, A.G. - Study of the reaction of salicylic acid in presence of sodium nitrate with salts of certain metals. p. 958.
Sheka, I.A., Voltovich, B.A. - Compounds of zirconium tetrachloride with phosphorus oxychloride. p. 964.
Babko, A.K., Lisetskaia, G.S. - Reaction equilibrium for the formation of thio salts of tin, antimony, and arsenic in a solution. p. 980.
Tananev, I.V., Seifer, G.B. - Solubility of $Cs(PbCH_3COO)_3[Fe(CN)_6]$ in water-alcohol mixtures. p. 981.
IAtsimirskii, K.B., Vasil'eva, V.N. - Thermochemical study of solutions of chromic anhydride in sulfuric acid. p. 984.
IAnat'ova, O.K., Orlova, V.T. - Study of equilibriums in the system: $K_2SO_4$ — $Na_2SO_4$ — $MgSO_4$ — $H_2O$ at 55°. p. 988.
Bodaleva, N.V., Loposhkov, I.N. - Study of solubility in the system: $K_2SO_4$ — $MgSO_4$ — $CaSO_4$ — $H_2O$ at 55°. p. 995.
Migal', P.K., Sychev, A.IA. - Physicochemical study of the system: $NiSO_4$ — $C_6H_5O_7Na_3$ in an aqueous solution. p. 1000.
Pliushchev, V.E., Kovalev, F.V. - Study of the interaction of chlorides of alkali and alkaline earth elements in melts. Part 4. Ternary system of lithium potassium, and calcium chlorides. p. 1013.
Akopov, E.K. - Ternary system of lithium, sodium, and potassium chlorides. p. 1019.
Beliaev, I.N., Sholokhovich, M.L., Barkova, G.V. - Interaction of potassium and lead titanates and molybdates in melts. p. 1026.
Bakumskaia, E.L., Bergman, A.G. - Ternary system of sodium, potassium, and cadmium sulfates. p. 1035.
Klagina, E.L, Palkin, A.P. - Reactions of salts with metals in melts. Interaction in the system: $CdCl_2 + Zn \rightarrow ZnCl_2 + Cd$. p. 1042.
Grigor'ev, A.T., Sokolovskaia, E.M., Maksimova, M.V. - Study of alloys in the system: gold — cobalt. p. 1047.
Grigor'ev, A.T., and others. - Study of the system: palladium — gold — cobalt. p. 1052.
Grigor'ev, A.T., and others. - Study of the system: copper — cobalt. p. 1064.
Grigor'ev, A.T., and others. - Study of the system: palladium — copper — cobalt. p. 1067.
Rudnitskii, A.A., Tiurin, I.I. - Study and selection of alloys for high-temperature thermocouples. p. 1074.
Rudenko, N.P. - Methods for the separation of radioactive isotopes with the aid of complexing. p. 1091.
Troitskii, K.V. - Separation of traces of various metals by means of coprecipitation. p. 1104.
Kuznetsov, V.I., Mitrofanova, E.V. - Extraction of mercuric chloride with the aid of solvent mixtures. p. 1117.
Nikolaev, A.V. - "Study and synthesis of borates in aqueous solutions." A.D.Kes'anis. p. 1122.
Sheka, I.A. - Second Ukrainian National Conference on inorganic chemistry. p. 1123.

Vol. 1, no. 6, June 1956.
Table of contents translated:
From the editor. p. 1129.
Semenchenko, V.K. - Basic problems in the contemporary theory of solutions. p. 1131.
Bokii, G.B. - Concept of daltonides and bertholides in view of the atomic theory of crystal structure. p. 1150.
Ermolenko, N.F., Levitman, Kh.IA. - Physicochemical study of molecular compounds in solutions based on their refractive indexes. p. 1162.
IArym-Agaev, N.L. - Form of the extensive-property isotherm in relation to the quantity unit of the substance (quantintensive property). p. 1173.
Topchiev, A.V., and others. - Differential thermal study of complexing in the system: urea - N- paraffin. p. 1185.
Shakhparonov, M.I. - Structure of solutions. p. 1194.
Samoilov, O.IA. - Structure of diluted aqueous electrolyte solutions and the hydration of ions. p. 1202.
Krupatkin, I.L. - Theory of the layering of liquids. p. 1210.
Anosov, V.IA., Patsukova, N.N. - Dissociation of double salts: $KCl \cdot ZnSO_4$, $KBr \cdot ZnSO_4$, $PbF_2 \cdot PbCl_2$, and $KCl \cdot MgCl_2$ during fusion. p. 1223.
Flatkov, IA.A., Sheka, Z.A. - Complexing in aqueous solutions of sulfuric acid and of sulfates of certain metals. p. 1230.
Komar', N.P. - Spectrophotometric modification in the physicochemical analysis of solutions. p. 1243.
Shishkin, N.V., Krogius, E.A. - Inorganic oxonium compounds. p. 1252.
Netman, M.B., Shinaev, A.IA. - Study of diffusion in binary alloys as a new method in physicochemical analysis. p. 1257.
Zimina, K.I., Poliakova, A.A., Sosina, N.S. - Analysis of hydrocarbon systems from their mass spectra. p. 1264.
Regel', A.R. - Electrodeless measuring of conductance and possibilities of its use in physicochemical analysis. p. 1271.
Zdanovskii, A.B. - Kinetic determination of solubility. p. 1279.
Rassonskaia, I.S. - Interpretation of the nature of thermal effects from curves of heating. p. 1284.
Keier, E.K., Kuznetsov, A.K. - Application of complex thermal analysis to physicochemical and industrial research. p. 1292.
Durov, S.A. - Development and use of new geometrical methods in hydrochemistry. p. 1296.
Rudnitskii, A.A. - Thermoelectric method for the study of transformations in metals and alloys. p. 1305.
Frontas'ev, V.P. - Optical determination of thermal conductivity of liquids and its use in physicochemical analysis. p. 1322.
Nikolaev, A.V. - Use of tracers in physicochemical analysis. p. 1328.
Gubkin, S.I. - Physicochemical theory of plasticity. p. 1334.
Strelkov, P.G. - Dilatometry of solids and some of its applications. p. 1350.
Ageev, N.V. - Introductory speech at the opening of the meeting of the Metals Section at the third All-Union Conference on Physicochemical Analysis. p. 1356.
Grum-Grzhimailo, N.V. - Certain peculiarities in the variation of galvanomagnetic properties in relation to the alloy composition. p. 1360.
Korntlov, I.I. - Role of the physicochemical analysis in the chemistry of metals. p. 1368.
Pokrovskii, N.L. - Certain properties of surface-active metals. p. 1383.
Pugachevich, P.P., Timofeevicheva, O.A. - Study of the surface tension of alkali-metal amalgams. p. 1387.
Gladyshevskii, E.I., Cherkashin, E.E. - Solid solutions based on metal compounds. p. 1394.
Smolenskii, G.A. - Seignettoelectric phase transitions in solid solutions of the perovskite type which form in certain binary systems. p. 1402.
Urazov, G.G., Speranskaia, E.I., Gulianitskaia, Z.F. - Physicochemical study of the interaction of lead oxide with antimony and tin oxides. p. 1413.
Urazov, G.G., Speranskaia, E.I. - Interaction of lead oxide with antimony oxides. p. 1418.
Rode, E.IA. - Physicochemical study of metal oxides and hydroxides. p. 1430.
Sokolova, M.A. - Study of the system: Ni - S (from 30.0 to 50.0 atomic % S). p. 1440.

ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 26, no. 7, July 1956.

Table of contents translated:
Arlin, S.M., Morozova, M.P., Huang Chi-mao. - Enthalpy of arsine formation. p. 1813.
Beliaev, I.N., Doroshenko, S.S. - Study of the interaction of lithium and silver sulfates and molybdates in melts. p. 1816.
Gorshtein, G.I., Silant'eva, N.I. - Study of regularities in the distribution of isomorphic components during the crystallization from aqueous solutions with the aid of radioactive indicators. Part 1. Study of the equilibrium in the system copper ammonium sulfate - zinc ammonium sulfate - water at 20° and with the use of radioactive isotopes $Zn^{65}$ and $Cu^{64}$. p. 1821.
Batsanova, L.R., Novoselova, A.V. - Study of the system: $(NH_4)_2BeF_4$ - $NH_4MnF_3$ - $H_2O$. p. 1827.
Krupatkin, I.L. - Study of metastable equilibriums among liquid phases. Part 5. p. 1831.
Golub, A.M. - Physicochemical study of silver rhodanide complexes. p. 1837.
Korenman, I.M., Shelanova, F.R. - Role of pH in the formation and extraction of chelate compounds. p. 1849.
Bobrova, M.I., Matveeva, A.N. - Polarographic study of the kinetics of polymerization processes. p. 1857.
Davydov, A.T., Skoblionok, R.F. - Study of the exchange sorption of organic ions. p. 1860.
Strel'nikova, N.D. - Complexing of acetamide and benzamide with other organic compounds. p. 1863.
Dzhelomanova, Z.K., Rudenko, N.Z., Dionis'ev, D.E. - Study of the interaction of acetamide with phenols by means of physicochemical analysis. p. 1866.
Bokhovkina, IU.I., Bokhovkin, I.M. - Physicochemical analysis of binary systems formed by acetamide with organic acids. Part 3. Density, viscosity, and conductance of the system: acetamide - trichloroacetic acid. p. 1872.
Sazonova, V.A., Kramrod, N.IA. - Interaction of potassium borofluoride with styryl magnesium and phenylacetylenyl magnesium bromides. p. 1879.
Usanovich, M., Dillatov, K., Krasnomolova, L. - Oxonium compounds of esters with organic acids. Part 3. Systems: $HCOOC_2H_5$ - $CH_3COOH$ and $CCl_3COOC_2H_5$ - $CH_3COOH$. p. 1881.
Levina, R.IA., Kim Chae-gil, Skvarchenko, V.R. - Synthesis of hydrocarbons. Part 56. Conversion of hydroaromatic ketones into aromatic hydrocarbons by means of phosphorus pentoxide. p. 1884.
Batuev, M.I. - Experimental proof of the Baker-Nathan effect. p. 1888.
Temnikova, T.I., Skorokhodov, S.S. - Research in the field of cyclic acetals of oxycarbonyl compounds. Part 7. Preparation and properties of methylacetolides of oxoctenol (α-methoxy-α-tert-butyl-β, β-dimethylethylene oxide). p. 1897.
Venus-Danilova, E.D., Fabritsy, A. - Study of the pinacone conversions with substituted acetylene residues. Part 12. Action of mercuric acetate on asymmetric dimethylphenylphenylacetylenylethylene glycol. p. 1901.
Petrov, A.A., Al'bitskaia, V.M. - Interaction of divinyl oxide with amines. p. 1907.
Pudovik, A.N., Ivanov, B.E. - Hypochlorination of piperylene. p. 1910.
Sopov, N.P., Miklashevskaia, V.S. - Condensation of diene hydrocarbons with acetylenedicarboxylic acid and with its methyl ester. p. 1914.
Zyrianova, T.A., Petrov, A.A. - Research in the field of conjugate systems. Part 64. Effect of benzosulfobromamide on piperylene solutions in methyl and ethyl alcohols. p. 1918.
Bal'ian, Kh.V., Petrov, A.A., Porfir'eva, IU.I. - Research in the field of conjugate systems. Part 65. Hydrogenation of vinylalkylacetylenes in the presence of colloidal palladium. p. 1926.
Turova-Pollak, M.B., Danilova, N.V., Kuklina, N.V. - Catalytic alkylation of chlorobenzene with propyl alcohols. p. 1936.
Shemiakina, O.M., Bogoslovskii, B.M., Shemiakin, M.M. - Oxidation and oxidation-hydrolytic conversions of organic molecules. Part 28. Oxidation-hydrolytic conversions of nitro substituted oxyazo dyes. p. 1940.
Babalian, A.T., Grigorian, A.A. - Research in the field of quaternary ammonium compounds. Part 2. Formation of tetrolic acid in the reaction of trimethyl-(2, 2, 3, 3-tetrachlorobutyl)-ammonium iodide with alkali hydroxide. p. 1945.
Kazarnovskii, S.N., Moshchanskaia, N.I. - Formation of guanidine nitrate by the ammonolysis of cyanoguanidine. p. 1948.
Poral-Koshits, A.E., Chizhevskaia, I.I. - Research in the field of tautomeric compounds. Part 22. Mobility of the hydrogen atoms of the methyl group in quinaldine. p. 1950.
Novotorov, N.F., Korshunov, I.A. - Synthesis of l-$C^{14}$-propionic acid via lithium organic compounds. p. 1959.
Maimind, V.I., and others. - Research in the field of compounds labeled with $C^{14}$ and $N^{15}$. Part 4.

Synthesis of "key" compounds. p.1962.
Serglevskaia, S.I., Sventsitskaia, L.E. - Research in the field of aliphatic-aromatic amino alcohols. Part 1. Synthesis of N-(ω-aminophenyl)- 5-alkylaminoethanols. p.1967.
Kost, A.N., Golubeva, G.A., Grandberg, I.I. - Reactions of hydrazine derivatives. Part 6. Effect of alkyl halides on acetone azine. p.1976.
Serkov, A.T., Pakshver, A.B., Mogilevskii, E.M. - Change of the chemical heterogeneity of cellulose xanthate during the ripening of viscose. p.1979.
Kolpovskaia, G.A., and others. - Chain reaction of carbon tetrachloride with isopropyl alcohol, initiated by acetylated and benzoylated hydroperoxides of 1-oxycyclohexanone. p.1981.
Razuvaev, G.A., Latlaeva, V.N. - Reaction of acetylbenzoyl peroxide with alcohols and acetic acid. p.1986.
Kost, A.N., Terent'ev, A.P. - Synthesis with the aid of the nitrile of acrylic acid. Part 28. δ-benzoylcaproic acid and its derivatives. p.1992.
Tronov, B.V., Novikova, E.S. - Synthesis of certain benzophenone halo derivatives. p.1994.
Vorozhtsov, N.N., Karandasheva, N.N. - Sulfonation of 2-chloronaphthalene. Part 1. Low temperature sulfonation. p.1997.
Karavaev, B.I., Spryskov, A.A. - Study of sulfonation. Part 39. Hydrolysis and isomerization of naphthalenetrisulfonic acids. p.2002.
Shestov, A.P., Osipova, N.A. - Sulfone sulfo acids as by-products in sulfonation. Part 2. Behavior of disulfo acids of diphenylsulfone in the alkaline fusion of m-benzenedisulfonic acid. p.2005.
Kirsanov, A.V., Derkach, G.I. - Trichlorophosphazotrichloroacetyl and N-phosphoryl chloride of trichloroiminoacetyl. p.2009.
Abramov, V.S., Il'ina, N.A. - Mechanism of the Arbuzov rearrangement. Part 3. Interaction of the nitrile and methyl ester of α,β-dibromo- and α,β-dichloropropionic acid with phosphites. p.2014.
Kisteneva, M.S. - Research in the field of azomethine dyes derived from oxindole derivatives. Part 2. p.2019.
Kabachnik, M.I., Ioffe, S.T., Sheinker, IU.N. - Tautomerism of -pyridone and carbostyril. p.2025.
Gavrilov, N.I., and others. - Structure of gramicidin S. Part 5. Two forms of gramicidin, their reciprocal conversions and structure. p.2029.
Men'shikov, G.P., Rubinshtein, M.M. - Separation of a new antibiotic longisporin and the study of its chemistry. p.2035.
IAkhontov, L.N., Rubtsov, M.V. - Synthesis of 3-vinylpiperidine. p.2040.
Mikhailov, B.M., Kozminskaia, T.K. - Certain β-chloroethyl and ethylenimine derivatives of pyridine. p.2042.
IAsnitskii, B.G., Dol'berg, E.B. - Interaction of acylsulfanilyl chloride with 2-aminothiazole. Part1, Study of the interaction of di-(carbomethoxysulfanilyl)-aminothiazole with 2-aminothiazole. p.2046.
Petlunin, P.A., Panferova, N.G., Konshin, M.E. - Research in the field of the chemistry of heterocycles. Part 25. Synthesis of 9-phenylacridine from acyl derivatives of 2-aminotriphenylcarbinol. p.2050.
Postovskii, I.IA., Kushkin, V.V. - Structure of thiazole disulfamides. p.2052.
Korobitsyna, I.K., and others. - 3,4-diketones of the furanidine series and bispirane type in the synthesis of condensed heterocylic systems. p.2058.
Kuzovkov, A.D. - Study of aconite alkaloids. Part 8. Identity of delphelatine with eldeline. p.2063.
Sadykov, A.S., Otroshchenko, O.S., Kushmuradov, IU.K. - Study of alkaloids from the $C_{16}$ series. Part 1. Sophocarpinols. p.2066.
Danilova, A.V. - Alkaloids from the plantain Plantago ramosa, syn. P. indica. Part 2. p.2069.
Bogdanov, S.V., Zil'berman, N.I. - Research in the 1,2-naphtho-(3',4')-furoxane series. Part 6. sulfite compounds of 6-nitro-1,2-naphtho- ite derivatives. p.2071.

Bulletin. Mathematical Series]. Moscow, vol. 20, no. 4, July-Aug. 1956.

Table of contents translated:

Sobolev, S.L. - Some remarks on the numerical solution of integral equations. p.413.
Levitan, B.M. - Eigenfunction expansion of the equation $\Delta u + \{\lambda - q(x_1, x_2, \ldots, x_n)\} u = 0$ p.437.
Vesov, O.V. - Certain properties of harmonic functions given in a semispace. p.469.
Dzhrbashian, M.M., Tamadian, A.P. - Best approximation by integral functions in the complex domain. p.485.
Glushkov, V.M. - Theory of nilpotent locally bicompact groups. p.513.
Andrunakevich, V.A. - Rings with the condition of annihilation. p.547.
Trakhtenbrot, B.A. - Determination of a finite set and the deductive incompleteness in the theory of sets. p.569.
Lapin, A.I. - Letter to the editor. p.583.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 5, Sep-Oct. 1956.

Table of contents translated:

Developing polytechnical education in public schools. p.1.
Trakhtenbrot, B.A. - Algorithms and the mechanical solution of problems. p.5.
Prudnikov, V.E. - Vasilii Andrianovich Evtushevskii. p.15.
Blinov, I.S. - Projection problems in stereometry. p.21.
Smirnov, I.I. - Representation of round bodies by rectangular projections. p.26.
Rozentuller, V.M. - On mathematical problems. p.29.
Krupovetskii, L.G. - Composition of arithmetical problems based on the sixth five-year plan. p.32.
Artemov, A.K. - Industrial excursions for students of grades eight to ten. p.37.
Kniazeva, E.V. - Technical tours for mathematics classes. p.43.
Lebedev, V.P. - Industrial excursion experience. p.49.
Zhuk, I.I. - Excursion to a machine calculating department. p.51.
Litiuk, S.G. - Experience in conducting an agricultural excursion. p.52.
Ter-Pogosian, E.A. - Developing designer routines in mechanical drawing courses. p.54.
Krupich, V.I. - Using the abacus for arithmetic lessons in the fifth grade. p.58.
Voskresenskaia, Z.A. - Experience in teaching arithmetics in the fifth grade. p.66.
Galduk, IU.M. - From the periodical "Teaching mathematics and physics." p.70.
Minkovskii, V.S. - On the book "Methodology of mathematics teaching." S.A.Gasteva. p.75.
Andreev, S.N. - On A.A. Abrikosov's book "Mechanical drawing." p.78.
Beshkarev, V.P. - Has the equation an interrogative meaning? p.81.
Zolotovitskii, L.N., Petrakov, I.S. - Activity of the mathematics study section of the Moscow District Institute for the Improvement of Teachers in the academic year 1955-56. p.82.
Utitskii, N.Z. - Pedagogic exhibition. p.85.
Mogil'nii, N.D. - Practical seminary for teachers of the Stalin Railroad. p.86.
Nikitin, N.N. - Mathematics teaching section at the Institute of Methodology of the Academy of Pedagogical Sciences of the R.S.F.S.R. p.88.
Pavlov, V. - Combined problems on progressions. p.90.
Solutions to problems published in issue no. 2 for 1956. p.91.
Problems. p.94.
Summary of solutions to problems in no. 2 for 1956. p.95.

f) PHYSICS

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakutsk. Trudy. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Yakutsk Branch. Transactions. Physical Series]. Moscow, no. 1, 1955. Variatsii intensivnosti kosmicheskikh luchei [Variations in cosmic rays intensity].

Table of contents translated:

Preface. p. 3.
Sokolov, V.D., Shafer, IU.G. - Effect of seasons on the intensity of the hard component of cosmic rays. p. 5.
Kuz'min, A.I. - Daily variations in the global intensity of the hard component of cosmic rays based on data of the Yakutsk Station. p. 11.
Krasil'nikov, D.D. - Daily effect of the intensity of the hard component of cosmic rays in cloudy and clear weather. p. 19.
Kuz'min, A.I., Skripin, G.V. - Correlation of semidiurnal variations in the intensity of the hard component of cosmic rays with semidiurnal fluctuations of barometric pressure. p. 23.
Kuz'min, A.I., Skripin, G.V. - Monthly and semimonthly variations in the intensity of cosmic rays. p. 27.
Krasil'nikov, D.D., Shafer, IU.G. - Variations in the intensity of the hard component of cosmic rays traversing air-mass fronts. p. 33.
Krasil'nikov, D.D., Kuz'min, A.I., Shafer, IU.G. - A case of outbursts in the intensity of cosmic rays. p. 42.
Krasil'nikov, D.D., Nikol'skii, S.I. - Spectrum and meteorological effect of ionization bursts. p. 48.
IArygin, A.V. - Increasing the efficiency of continuous registration of the intensity of cosmic rays by self-quenching counters. p. 55.
List of symbols used in all articles. p. 61.

AKADEMIIA NAVUK BSSR, Minsk. Vestsi. Seryia fizika-tekhnichnykh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Physical and Technological Sciences]. Minsk, no. 1, 1956. [In White Russian with summaries in Russian.]

Table of contents translated:

Stsiapanau, B.I., Samson, A.M. - Correlation between optical transition probabilities, transition frequencies, and residual vibrating energy in complex molecules. p. 5.
Zhbankou, R.H., Ermolenka, I.N. - Infrared spectra of transparent cellulose films obtained by compressing fibers at high pressures. p. 15.
Murashka, M.H., Hatsila, P.D. - Quantitative characteristics of the Western Dvina River basin as represented by graphs. p. 25.
Rynh, S.I. - Geological data on electric and seismologic prospecting in White Russia. p. 30.
Bandarenka, D.V., Novahrabiena, L.I. - Geological reasons for magnetic and gravitational anomalies in the region of the White Russian-Lithuanian massif of crystalline rocks. p. 51.
Lukashou, K.L. - Geological and geochemical role of the processes in biogenesis. p. 65.
Pauliuchenka, M.M., Akulovich, V.M. - Kinetics of the oxidation of calcium abietate. p. 77.
Ermolenka, N.F., Kulanau, I.P. - Studying the heat of wetting of activated carbon by solvents and their mixtures. p. 87.
Harachkin, V.H., Dubau, A.B. - Principles of improving the heating qualities of peat. p. 95.
Salitranikau, A.I. - Studying the processes of cutting somewhat decomposed peat deposits. p. 103.
Rukteshel', S.V. - Effect of the temperature of the heat-transfer agent on the process of hay drying. p. 111.
Kuliashou, I.A. - Methods for studying the dynamics of tractors with a mounted equipment. p. 117.
Bardyshev, I.I., Ukhova, L.I., Cherches, Kh.A. - Composition of turpentine in Siberian larch. p. 123.
Osinovik, E.S., Bel'kevich, P.I. - Kinetics of thermal decomposition of potassium permanganate in the presence of aluminum. p. 127.
Sadovnichii, V.V., Budnik, V.V., Laguto, L.D. - The FPFM milling, processing, and forming machine for obtaining granulated peat. p. 131.
In memory of Professor K.N.Karatkov. p. 135.
Shemiakin, F.M. - Valuable monograph. p. 139.
Erofeev, B.V. - About M.M. Pavliuchenko's answer to the criticism of his theory on the mechanism of reactions in solid substances. p. 141.
Pavliuchenko, M.M. - Mechanism of heterogeneous reactions. p. 147.
Sakovich, F.I. - Mechanization of irrigation works becomes popular. p. 153.
Sakovich, F.I. - Mole drainage in Poland. p. 155.

ALMA-ATA. KAZAKHSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [KAZAKH SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Leningrad, no. 5, 1955. Sbornik statei po gidrologii i meteorologii [Collected articles on hydrology and meteorology].

Table of contents translated:

Kavetskii, S.P., Shkalikov, F.V. - Method of forecasting average monthly levels of underground waters. p. 3.
Molchanov, A.L. - Water absorbing characteristics of tilled and fallow Chernozem soils used for forest plantations. p. 8.
Korovin, V.I. - Method of forecasting water discharges in river outlets flowing from lakes. p. 16.
Kavetskii, S.P., Kalmynkina, E.M. - Flow of suspended alluvium in rivers on the northern slope of the Trans-Ili Ala-Tau. p. 20.
Korovin, V.I. - Forecasting the wateriness and descent of the snow cover in the upper reaches of the Ilek River Basin. p. 26.
Kavetskii, S.P. - Some problems in studying heavy shower runoff. p. 31.
Baidal, M.Kh., Sereoriakova, A.A. - Climatic characteristics of cold waves during wintertime in Kazakhstan. p. 37.
Gel'mgol'ts, N.F. - Aerological analysis of atmospheric droughts in western Kazakhstan. p. 44.
Bezverkhniaia, R.TS. - Synoptic conditions of atmospheric droughts in western Kazakhstan. p. 77.
Bezverkhnii, Sh.A. - Ozonometric data for Alma-Ata in comparison with certain meteorological factors. p. 89.

p. 1171 - 11a

[illegible], [illegible], [illegible] and [illegible] [illegible] [illegible]

Fisher, L. I. - Peculiarities of heat regulation in patients suffering from hypertension. p. 90.
Senchilo, E. A. - Data from clinical tests of the sterilized "F" serum in the treatment of ulcers. p. 90.
Bunin, E. I., Kats, G. L. - Effectiveness of prolonged drug-induced sleep for treating hypertension. p. 91.
Ivanov-Smolenskii, A. G. - Cortical genesis of diseases and the regulating role of the nervous system; concerning Prof. I. V. Davydovskii's book and article. p. 92.

Vol. 34, no. 6, June 1956.
Table of contents translated:
Aleksandr Aleksandrovich Bogomolets; 75th anniversary of his birth and 10th anniversary of his death. p. 3.
L. A. Oganesian; 70th anniversary of his birth and 45th anniversary of his medical, scientific, pedagogic, and social activities. p. 9.
Parin, V. V. - Ballistocardiography and its clinical significance. p. 12.
TSuker, M. B. - Basic problems in the clinical aspects, therapy, and prevention of poliomyelitis. p. 24.
IAsinovskii, M. A., and others. - Application of antirheumatic drugs in prevention of exacerbations of rheumatism. p. 31.
Zasosov, R. A., Soldatov, I. B. - Neural apparatus of the lymphoid ring and its role in anginas. p. 40.
Bekhteeva, L. I. - Observations on the action of a preparation Rauwolfia serpentina Benth (raupina) in hypertension. p. 46.
Smagin, V. G., Sinepol, D. I., Chechilova, V. V. - Result of clinical use of a Soviet vitamin preparation from tea tannin. p. 52.
Karpilovskii, L. D. - Investigation of vascular tonus by means of finger plethysmography in peridural anesthesia, in surgery, and in traumatic shock. p. 57.
Miasnikov, A. L. - Effect of certain neurotropic substances on cholesterinemia in atherosclerosis. p. 65.
Miakishev, B. K. - Thermographic observations in fever. p. 69.
Mendelevich, G. - Gor'kii and his relation to Soviet medicine; 20th anniversary of the death of A. M. Gor'kii. p. 74.
Rubakin, A. N. - Life and activities of Josef Škoda, 1805-1881. p. 81.
Kogan, B. B. - Review of P. K. Bulatov's "Modern methods of treating bronchial asthma." p. 89.
Petrov, B. D. - Review of G. Z. Riabov's "A. P. Gubarev, 1855-1931"; from the series "Prominent persons in Russian medicine." p. 93.

Vol. 34, no. 7, July 1956.
Table of contents translated:
White, Paul D. - Rehabilitation in heart diseases. p. 3.
Nezlin, V. E. - Diagnosis and differential diagnosis of myocardial infarct. p. 10.
Gorizontov, P. D. - Role of hormones in the general adaptation syndrome and in adaptation disease. p. 20.
Magakian, G. O., Miminoshvili, D. I., Kokaia, G. IA. - Experimental study of the pathogenesis of hypertension and coronary insufficiency. p. 30.
Smol'iannikov, A. V. - Pathological anatomy and pathogenesis of acute coronary insufficiency. p. 40.
Lavskii, G. K., Borisova, V. V., Likhareva, K. O. - Myocardial infarct and capacity for work. p. 46.
Model', L. M. - Mechanism of the action of isonicotinic acid derivatives. p. 50.
Bernshtein, A. L., Krasil'shchik, R. B., Shelagurova, A. A. - Observations on the treatment of tuberculous meningitis with saluzid. p. 55.
Gasilin, V. S., Filipovich, N. A. - Fungus infections of the lungs caused by antibiotic therapy. p. 61.
Mikhailova, N. D. - Chronic reticulo-endotheliosis. p. 64.
Klein, E. G., Khokhlov, A. M. - Acute hemolytic anemia. p. 67.
Ratner, S. I., and others. - A case of foot-and-mouth disease of prolonged duration in man. p. 70.
Levin, S. L. - Narcoleptic syndrome following diphtherial polyneuritis. p. 77.
Shnitser, I. S. - On the Morgani-Adams-Stokes syndrome. p. 78.
Oleinik, S. F. - Graphic record of arterial pressure according to Korotkov-IAnovskii's method. p. 80.
Belousov, P. I. - Registration of curves on tracing paper by eosin. p. 85.
Katamadze, V. R. - Bathing program and the activity of gases dissolved in Tskhaltubo waters. p. 86.
Shafran, A. L. - Relapses of peptic ulcer following gastric resection and their treatment in Yessentuki. p. 90.
Sherman, R. Z., Tatarinova, S. D., IAkimova, M. P. - Results of treating chronic dysentery in children with synthomycin and streptomycin with ecmoline. p. 90.
Lindgren, I. M. - On the problem of vitamin $B_1$ excretion with the urine. p. 91.
Richenko, N. I., Petrovskaia, N. V., Formaziuk, V. I. - Biomycin for treating acute dysentery in adults. p. 91.
Zeitlenok, M. A. - Functional state of the central nervous system in typhoid fever. p. 91.
Vengerovskaia, O. A. - Bromide ionophoresis, in general application and as galvanic collar, combined with baths for treating hypertension. p. 92.
Kovalenkok, M. I. - Pathogenesis and therapy of toxicoinfections from food. p. 92.
Khasis, G. L. - Diagnosis of atypical forms of acute leucosis. p. 92.
Tarakanov, E. I. - Hypophysis - adrenal cortex. p. 93.

MEDITISKINSKAIA PARAZITOLOGIIA I PARAZITARNYE BOLEZNI [MEDICAL PARASITOLOGY AND PARASITOGENIC DISEASES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 25, no. 3, July-Sep. 1956.
Table of contents translated:
Buslaev, M. A. - Results of combatting parasitic diseases during the period 1951-55 and tasks for 1956-60. p. 195.
Kovtun, A. S. - Results of combatting malaria and other parasitic diseases in the R. S. F. S. R. during the period 1951-55 and tasks for 1956-60. p. 202.
Selivanov, K. P. - Results of combatting parasitic diseases in the Ukraine during the period 1951-55, tasks for 1956-60, and the plan for 1956. p. 207.
Kostina, K. A. - Results of combatting parasitic diseases in Kazakstan during the period 1951-55, tasks for 1956-60, and plans for 1956. p. 210.
Kamalov, N. G. - Present state of the fight against ancylostomiasis and arrangements for planning its elimination. p. 215.
Orlov, I. V. - Problem of the elimination of taeniarhynchiasis in the U. S. S. R. p. 219.
Fastovskaia, E. I., Lysenko, A. IA., Shchelkunova, F. N. - Investigations of methods of radical chemoprophylaxis and of complete cure of tertian malaria with short and long incubation periods. Report no. 7: Results of using quinocide in the treatment of tertian malaria with various possibilities of reinfection. p. 222.
Shishilaeva-Matova, Z. S. - Problem of the epidemiological significance of Anopheles hyrcanus Pall. in Uzbekistan. p. 227.
Levkovich, E. N., Tagil'tsev, A. A. - Role of Gamasidae in the circulation of tick-borne spring-summer encephalitis in natural foci. I. Recovery of viruses from spontaneously infected Gamasidae. p. 229.
Gordon, E. I. - Rate of development of Ascaris lumbricoides eggs at various temperatures. p. 234.
Timoshin, D. G. - Conditions favorable for the emergence of Ascaris lumbricoides larvae from eggs. p. 239.
Leikina, E. S., Zorikhina, V. I. - Simplified method for an immunological diagnosis of helminthiases. Report no. 2: Use of the agglutination reaction with carmine for the early diagnosis of ascariasis among children. p. 245.
Simonovich, E. N., Gruzhevskii, V. E., Sokolova, M. N. - Supplementation of Fulleborn's method. p. 249.
Nosina, V. D., Gladkikh, V. F., Kollina, O. I. - Experimental, chemical therapeutic, and pharmacologic investigation of the preparation N-(2, 4-dichlorobenzyl)-N-(hydroxyethyl)-dichloroacetamide. p. 252.
Nabokov, V. A., Larlukhin, M. A., Nikiforova, A. V. - Results of using chlorophos and of diazinone in controlling flies resistant to chlorinated hydrocarbons. p. 256.
Razumova, E. P. - Features of the control of malaria among waterway workers of the Volga-Don Canal. p. 258.
Isaakian, A. G. - Tertian malaria with prolonged incubation in certain regions of Armenia. p. 259.
Čižas, V. S. - Liquidation of isolated local cases of tertian malaria in Lithuania. p. 261.
Kolesova, A. A. - Liquidation of a permanent focus of quotidian malaria in rice-growing zones of Samarkand Province. p. 263.
Cherniak, I. G. - Liquidation of a permanent focus of malaria at the Pronkino peat works in Yartsevo District. p. 266.
Ismailov, I. S. - Problem of malaria in the German Democratic Republic. p. 268.
Geller, I. IU. - Case of combined invasion by the rat and dwarf tapeworm. p. 269.
Potulova, E. V. - Studying the mosquitoes in Marks District, Saratov Province. p. 269.
Nestervodskaia, E. M., Alekseenko, I. S. - Mass detection of the mite Dermanyssus avium et gallinae in a Kiev institution. p. 269.
Malinovskaia, N. S. - Case of mass attack of the population by the mite Dermanyssus avium et gallinae. p. 270.
Evlakhova, V. F. - Changes in the number of blood-sucking insects attacking man during the solar eclipse of June 30, 1954. p. 271.

MEDITSINSKAIA RADIOLOGIIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 1, no. 3, May-June 1956.
Table of contents translated:
Pobedinskii, M. N. - Pierre Curie; on the 50th anniversary of his death. p. 3.
Kraevskii, N. A. - Some results and possible prospects in research on blood changes in radiation sickness. p. 6.
Kotliarevskii, L. I., Gorsheleva, L. S., Khozak, L. E. - Effect of rays on the higher nervous activity of animals (white rats). p. 11.
Zaretskaia, IU. M. - Interoceptive reactions from lymph nodes under the effect of ionizing radiation on the organism. p. 20.
Arlashchenko, N. I. - Effect of ionizing radiation on the permeability and barrier functions of ocular vessels. p. 29.
Tupikova, T. M. - Experimental data on the permeability of the synovial membranes. p. 35.
Granil'shchikov, V. P., Parkhomenko, G. M. - Sanitary, hygienic and technical requirements in planning and equipping laboratories for radioactive substances. p. 42.
Sivertseva, V. N. - Course of paratyphoid infection in animals subjected to general X-ray irradiation. p. 52.
Kryzhanovskii, G. N., Lebedev, N. N. - Effect of total body irradiation with rays on the action of antitetanus serum. p. 59.
Zamyshkina, K. S., and others. - Absorption of phosphorus in the digestive tract and its utilization in the body in experimental hepatitis of various origins. p. 63.
Kasavina, B. S., Spektor, E. B. - Free amino acids of the bone marrow and changes in them under the effect of X-ray irradiation. p. 72.
Zhakhova, Z. N., Braun, A. D. - Creatinuria in nonpregnant and pregnant rats following ionizing irradiation. p. 80.
Bychkovskaia, I. B., Strelin, G. S., Shiffer, I. V. - The course of radiation sickness in mice in lowered atmospheric pressure. p. 85.
Kalinina, N. A. - Some data on the mechanism of injuries of the fetus in X-ray irradiation of pregnant animals. p. 92.
Nazarishvili, G. P. - Transcaucasian Radiological Conference. p. 97.
(DAFM)

PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 2, no. 1, Jan.-Feb. 1956.
Table of contents translated:
Malkina, M. G., Arkhangel'skii, A. V. - Psychic disorders in cerebro-hypophysial cachexia. p. 3.
Rodnianskii, B. B., Malinskii, D. M. - Significance of thyroid function test with the aid of radioiodine in the diagnosis of initial and obliterated forms of thyrotoxicosis. p. 8.
Baranov, V. L., Dil'man, V. M. - Treatment with small doses of thyroxin for thyroid hypofunction complicated by coronary atherosclerosis. p. 13.
Nikolaev, N. O. - Use of pyramidon and phenacetine in the postoperative stage in thyrotoxicosis. p. 20.
Kalmykova, K. M. - Effect of experimental hyperthyroidism on the regulation of blood pressure by the cerebral cortex. p. 27.
Dikshtein, A. A. - Changes in the pituitary and in the sex glands in goiter cases in Bucovina. p. 32.
Stepanenko, A. P. - Antitoxic function of the liver and its modification following surgical therapy of various forms of goiter. p. 35.
Mandl', S. F. - Liver function in thyrotoxicosis. p. 37.
Arkhipenko, V. I. - Thyroid gland in experimental neuroses. p. 42.
Bondar', Z. A., Nazaretian, E. L., Priss, I. S. - Results of lipocaine therapy in some diseases of the liver. p. 61.
Sakhatskaia, T. S., Serebrennikova, N. G. - Effect of partial acid and peptic hydrolysis of an ACTH preparation on its biological activity. p. 64.
Raskin, A. M. - Use of ACTH in agranulocytosis. p. 69.
Smirnov, N. P. - Effect of ACTH and of cortisone on the development of experimental toxic edema of the lung in rats. p. 75.
Mikhailova, N. V. - Effect of cortisone on the ACTH content in the pituitary in rats. p. 79.
Eskin, I. A., Vidavskaia, G. M. - Effect of light on the peripheral eosinophile count and on adrenal function. p. 82.
Kvater, E. I. - Is the anovulatory cycle a physiological or a pathological process? p. 86.
Serebrennikova, N. G. - Preparation of highly-active homogeneous fractions of ACTH; preliminary communication. p. 97.
Shabanov, A. N. - Unusual case of gigantism of the breast in a 13-year-old girl. p. 99.
Igiltsina, L. S. - Present-day concept on the structure of insulin and its relation to biological action. p. 103.
Skatkov, M. E. - Iodine prevention of endemic goiter. p. 111.
Speranskaia, E. N. - Anna Vasil'evna Tonkikh; on the 45th year of her scientific activities. p. 118.
Khvorov, V. V. - Fifth all-Union conference on the control of endemic goiter. p. 120.
(DAFM)

Vol. 2, no. 2, Mar.-Apr. 1956.
Table of contents translated:
Kabak, IA. M., Tal'skaia, I. N. - Destruction of the

[illegible] antibacterial and antiviral properties. p. 3
Ogloblin, K. A. - [illegible] effect of the cultural conditions [illegible] antibiotic. p. 21
Nikolaev, V. M. - [illegible] destruction of [illegible] by ultrasonic. p. 31.
Dyakonova, I. S. - Experimental epidemic [illegible] gonococcus. p. 37
Bykhovskiy, V. E. - Pharmacological [illegible] and [illegible] antibiotic. p. 44
Bykhovskaya, E. S., Avilova, M. P. - Staphylococcus [illegible] and [illegible] antibiotic. p. 54
Vasilevskaya, V. K. - Role of soil conditions in [illegible] of streptomycin and terramycin. p. 58
Vasilyeva, M. - Effect of [illegible] on [illegible] of [illegible] and [illegible] of [illegible] glucose. p. 67
Il'inskaya, V. N., Romanenko, N. I. - Streptococcus [illegible] of water, soil, and [illegible] and [illegible] of [illegible] streptococci. p. 69
Kovalenko, N. A. - Effects of [illegible] on [illegible] [illegible] and [illegible] of [illegible]. p. 75
Il'inskaya, L. M., Shabalova, M. I. - Changes in [illegible] and [illegible] of [illegible] and [illegible] [illegible] p. 79
Vagner, E. G. - Mycobacteria [illegible] and [illegible] and [illegible] [illegible] p. 84
Bochkova, N. G., Kremer, M. G. - [illegible] of [illegible] and [illegible] [illegible] p. 89
Matveyeva, T. M., Kolesova, M. G. - The [illegible] of [illegible] [illegible] p. 95
Mikhaylov, V. M., Bykhovskaya, E. S. - Identification of [illegible] and [illegible] [illegible] p. 103
Ivanova, N. V., Kuznetsova, E. S. - Identification of [illegible] and [illegible] [illegible] p. 111
Agabekova, A. M., Vasilyeva, E. S. - Bacteriostatic [illegible] of [illegible] [illegible] p. 119
Alad'ina, A. A., Ivanova, M. M. - Viability [illegible] of [illegible] p. 124
Bogoroditskaya, L. P. - Antibacterial [illegible] [illegible] [illegible] p. 133
Bykhovskaya, E. S. - A case of [illegible] with [illegible] [illegible] p. 137
Bogoroditskaya, L. P. - Antibacterial [illegible] of [illegible] and [illegible] [illegible] p. 143
[illegible]

V. 1 [illegible], Aug. 1950
Table of contents translated.
Ivanovskaya, A. I. - [illegible] of parasites. p. 3.
Il'inskiy, B. V. - Essential questions [illegible] [illegible] p. 7
Ishkildina, A. K. - Biological [illegible] p. 10.
Asatur, A. A. - Radiotherapy in the treatment of [illegible] and [illegible] p. 13.
Ashirbekov, A. M. - Combined [illegible] in the complex treatment of [illegible] p. 18.
Bondarenko, N. G., and others. - Effect of the [illegible] [illegible] [illegible] and [illegible] on [illegible] p. 19.
Borovskiy, M. A., and others. - Treatment of syphilis with [illegible] p. 24
Vasilyev, G. V. - Treatment of some skin diseases with [illegible] and [illegible] of [illegible] p. 27.
Nesterenko, S. N. - Observations [illegible] in the treatment of [illegible] p. 32.
Pirozhkova, V. I. - Treatment of [illegible] with [illegible] p. 35.
Avilova, N. A., Gradilina, N. G. - Streptococcus [illegible] in [illegible] and [illegible] p. 39.
Akimova, O. I. - Use of [illegible] in [illegible] [illegible] p. 43.
Berkman, Ya. B. - Treatment of [illegible] of the [illegible] p. 47.
Bogdanova, G. I. - [illegible] of [illegible] p. 51.
Andreyeva, A. M. - [illegible] [illegible] p. 54.
Gurevich, D. M. - Treatment of acute [illegible] [illegible] p. 58.
Pil'chenko, A. A. - [illegible] of [illegible] accompanied by [illegible] [illegible] p. 62.
Gorodkin, N. N. - Treatment of [illegible] [illegible] p. 66.
Kolesnikov, A. P., Kolesova, A. A. - Pyridine [illegible] in the liver and muscles of rabbits and their enzymatic decomposition in alkaline [illegible] p. 69
Pavlov, V. P., Dolgikova, E. I. - Diagnosis of an adrenal cortex tumor by [illegible] methods. p. 93.
Lukyan, M. V. - Normal results in [illegible] [illegible] p. 98
Nikolaev, N. A., Fedorov, Yu. A., Druzhinina, K. V. - Method for determining corticosteroids in the adrenal glands and in blood leaving them. p. 100.
Vrzesinskaya, O. M. - Separation of neutral 17-ketosteroids (urosteroids) from urine by neutralization. p. 109.
Shchelokovskaya, V. D. - A case of malignant thyroidal adenoma with metastases to bones. p. 113.
Nikolaev, N. A. - New active corticosteroid derivatives (fluorine-, chlorine-, bromine- and iodine-derived steroids). p. 115.
Ivan Afanas'evich Arkhangel'skiy, obituary. p. 121.
Scientific session of the All-Union Institute of Experimental Endocrinology. p. 123.
[DAPM]

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE; MIKROBIOLOGIIA, INFEKTSIONNYE BOLEZNI, EPIDEMIOLOGIIA [ABSTRACTS OF SOVIET MEDICAL LITERATURE; MICROBIOLOGY, COMMUNICABLE DISEASES, EPIDEMIOLOGY]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, nos. 1-12, 1950.

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: NORMAL'NAIA I PATOLOGICHESKAIA FIZIOLOGIIA, DROBNITSA, FARMAKOLOGIIA I TOKSIKOLOGIIA [ABSTRACTS OF SOVIET MEDICAL LITERATURE: NORMAL AND PATHOLOGICAL PHYSIOLOGY, BIOCHEMISTRY, PHARMACOLOGY, AND TOXICOLOGY]. Moscow, no. 27, 1950.

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: VNUTRENNIE BOLEZNI [ABSTRACTS OF SOVIET MEDICAL LITERATURE: INTERNAL DISEASES]. Published by Gos. izdatel'stvo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, no. 24, 1950.

VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 30, no. 4, July-Aug. 1956.
Table of contents translated.
Sand'denko, I. A., Pinkhasova, A. P. - Physiological changes in the system caused by X-irradiation of the glands. p. 3.
Sedina, V. V., Belyaeva, V. F. - Determination of myocardial infarct. p. 11.
Bogoraz, A. I. - Comparative electrocardiographic and ballistocardiographic data in evaluating the functional condition of the heart. p. 19.
Isaakyants, M. A. - Errors in the diagnosis of heart failure in patients with adhesive pericarditis. p. 22.
Bokarev, I. I. - Hemodilatation of the lungs in mitral valve diseases. p. 27.
Vetyanov, M. A. - Bronchoalveolography, a preliminary report. p. 31.
Mnatsakanyan, L. G., Stolyarov, Z. A. - Radiodiagnosis of benign adenomas of the bronchi. p. 37.
Dolgikh, Z. I. - Diaphragmatic hernia in children. Roentgendiagnosis of diaphragmatic hernia and neurallied relaxation of the diaphragm. p. 39.
Pinkhasova, E. D. - Treatment of chronic cervical erosion with radioactive phosphorus. p. 45.
Mnatsakanyan, A. I., Gagarinskaya, A. Z. - Prevention of radiation injuries to the eyes in radiotherapy. p. 48.
Pervushina, Z. D. - Illustration of Prof. P. A. Dobrokhotov's article "Criterion of certain basic aspects in radiobiology." p. 51.
Kovalev, B. E. - Specific characteristics of the biologic action of ionizing radiations. p. 54.
Vasilevskii, S. N. - A device for cutting pipettes, applicator and test tubes of radioactive preparations. p. 64.
Gorbov, A. I. - A portable headrest for X-ray [illegible] of fundus [illegible] in the eye. p. 65.
Bodrova, E. L., Sinitsyna, E. I. - Partial relaxation of the right dome of the diaphragm in simulating medication of the lung. p. 71.
Lavrentiev, V. D. - Combined therapy in primary carcinoma of the vagina. p. 74.
Zolotarevskii, O. A. - Use of [illegible] in medicine; review of materials from foreign literature. p. 76.

VOENNO MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Journal of [illegible] [illegible] Glavnoe voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Main Military Medical Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 10, Oct. 1955.
Table of contents translated.
Editorial: Thirty-eighth anniversary of the Great October Revolution. p. 3.
Berkutov, A.A. - Radical surgery in military areas in gunshot wounds of the lungs. p. 10.
Popov, V.I., Filin, V.I. - Methodology of using antibiotics in acute diffuse purulent peritonitis. p. 18.
Bakunov, A.G. - Peculiarities in the clinical course of peritonitis when using antibiotics. p. 25.
Gimlin, K.M. - Intraperitoneal penicillin injections for treating peritonitis. p. 29.
Gregory, A.A. - Using penicillin and streptomycin in the treatment of gunshot wounds of the abdominal cavity. p. 34.
Zybina, A.N. - Dynamics of changes in the peripheral blood during and after operations on the cavities. p. 36.
Markarian, M.K. - Pollution of water sources by radioactive matter and hygienic problems of the water supply. p. 43.
Golovina, N.K., Kosheley, N.F. - Trilonometric method for determining the hardness of water under field conditions. p. 48.
Bogin, L.Ch. - Physiological and hygienic rating of the role of clothing in protection from cold. p. 52.
Belov'ev, V.D. - Poliomyelitis. p. 57.
Krasil'nikov, A.P. - Some problems in the training of military medical personnel. p. 64.
Denisov, N.I. - Organizing and conducting lessons in winter camps. p. 68.
Krupkin, B.M. - Some problems in the improvement of the prophylactic work of hospitals in garrison units. p. 70.
Kosul', I.A.V., Shchupak, D.N. - Our practice in the improvement of the work of medical centers in units. p. 72.

B 14a -e

Sheiko, S.P. - Work practice of a military hospital in health education in the garrison. p. 74.
Zemlan, V.I. - Signs for designating temporary shelters for wounded and disabled. p. 76.
Mel'nik, S.F. - Electrically lighted stand illustrating the "Blood circulation in man." p. 77.
Maliakin, K.N. - Clamp for connecting and fixing bone splinters. p. 79.
Zhuravskii, L.S., Mukhina, E.A. - Sling on rubber springs for transporting wounded with skull and brain injuries. p. 80.
Nesterov, A.I., Kats, A.I. - Sectional field rack for blood ampullae. p. 82.
Trodler, IA.M. - Attachment for the KP-14 oxygen apparatus for giving oxygen to sick. p. 82.
Oborin, N.A. - On the history of the sorting of casualties introduced by N.I. Pirogov. p. 84.
Latysh, V.N. - March hygiene in the British army under tropical conditions. p. 88.
Kozlov, IU.A. - Leptospirosis in man. p. 93.
Bagdasar'ian, S.M. - On the history of Russian surgery. p. 95.

[MICROFILM]

VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 3, 1956. With summaries in English.]

Table of contents translated:

Editorial: For further improvement in onkological services and an increase in research in the field of oncology. p. 259.
Petrov, N.N. - Basic questions on the etiology and growth of true tumors. p. 263.
Cherkasskii, L.A. - Changes in the bones of rats after injection of radioactive strontium. p. 275.
Litvinov, N.N. - Dynamics of the development of bone sarcomas originating under the influence of radioactive substances. p. 285.
Martynova, R.P. - Influence of specific sera on the origin and course of mammary cancer in mice. p. 295.
Liudogovskaia, L.A., Morgunova, T.D. - Absorbability of specific components of various tumors. p. 302.
Maliugina, L.L., Medvedev, N.N. - Oncological characteristics of mice of the Afb leukosis strain. p. 308.
El'tsina, N.V. - Restoration of phosphorus compounds in tumor tissue under the influence of roentgen rays. p. 312.
Aksamitnaia, I.A. - Distribution of phosphorus compounds in acid-soluble fractions and protein fractions of different tumors. p. 315.
Gorlukhina, T.A. - Nitrogen balance in rabbits with Brown-Pierce tumors. p. 320.
Chebotareva, L.I. - Experience in treating seminoma of the testes and its metastases with sarcolysin. p. 323.
Kirsanova, V.A., Vodolazskaia, N.A. - The action of 4-aminopteroylaminoadipic acid, a new antagonist of folic acid and aminopterin, on 45 and M-1 rat sarcoma. p. 329.
Dobrotin, S.S. - Immediate and remote results of combined surgical treatment of cervical carcinoma and ways of lowering postoperative mortality and complications. p. 331.
Tobilevich, V.P. - Effective radiotherapy for cervical cancer and means of adapting it to the individual. p. 338.
Sibiriakov, A.N. - Cytological diagnosis of cervical cancer. p. 346.
Krastina, E.M., Berkman, G.I. - Clinical and laboratory (cytological) diagnosis of cancer of the uterine body. p. 349.
Krivitskii, IA.E., Uzbekova, T.N. - Late results of suturing cervical tears during labor. p. 351.
Zinchenko, G.P. - Experience in using Gordeev's fluid for the treatment of malignant and benign neoplasms of the skin and mucosa of the lower lip. p. 354.
Negovskii, N.P., Kuznetsov, I.D. - Diagnosis of mediastinal tumors. p. 356.
Kadoshchuk, T.A. - A case of cancer of the retrorectal region. p. 360.
Shchukareva, N.K. - Soft tissue fibrosarcoma of the leg stump with regional metastasis. p. 361.
Mergol'd, D.P. - A case of myxoma of the thigh. p. 363.
Voroshilova, K.A. - Liomyoadenoma of the epididymis. p. 365.
Parnes, V.A. - Viral etiology of leukosis. p. 367.
Litvinova, E.V. - "Abstracts of Soviet medical literature," nos. 7 and 8. p. 374.
Chaklin, A.V. - First republic oncological conference in the Tajik S.S.R. p. 377.
Minutes of sessions of the Scientific Society of Oncologists of Leningrad and Leningrad Province. p. 379.

(DAFM)

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 2, no. 9(21), Sep. 1956.

Table of contents translated:

Volkov, V.M. - Physical culture and children's health. p. 1.
Kabanov, A.N., Red'kina, E.K. - Our body temperature. p. 4.
Abrikosov, I.A., Krylov, N.P. - Semiconductors in medicine. p. 7.
Il'icheva, I. - Dr. Batoeva. p. 8.
Nikkel', E.G. - In a new school. p. 9.
Cherkashin, P.F. - At the hot springs of Tuva. p. 9.
Kvater, E.I. - Change of life in women. p. 10.
Tikhomirova, T. - Always on his way. p. 12.
Speranskii, I.I. - Hypertension. p. 13.
Belaia, N.A. - Physical culture therapy in hypertension. p. 15.
Paleev, N.P. - Man and the Antarctic climate. p. 16.
Sabin, Albert. - Our mutual aim is to control poliomyelitis. p. 18.
Efimova, A.A. - Cough in children. p. 19.
Ashurkov, E.D. - A few days in France. p. 21.
Salkazanova, T.M. - On motorcycles along the roads of our country. p. 24.
Lebedeva, N.T. - Hygiene of toys. p. 25.
Grigor'eva, S. - Fruit growers from the Urals. p. 26.
Margolis, IA. - Heroic people. p. 27.
Sinel'nikov, A. - No. 1 automobile radio station. p. 29.
Advice on health. p. 30.

ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 27, no. 8, Aug. 1956.

Table of contents translated:

Solov'ev, V.D. - New aspects in the etiology of influenza and of other respiratory infections. p. 3.
Preobrazhenskii, V.S. - Current status of the problem of the etiology, epidemiology, and prevention of anginas. p. 8.
Khotsianov, L.K. - Problem of epidemiology of anginas among industrial workers during 1933-1954. p. 14.
Labinskaia, A.S. - Problem of the vection of Staphylococcus and of Streptococcus hemolyticus in the nasopharynx in normal subjects and in patients with anginas and catarrhs of the upper respiratory tract. p. 21.
Kuz'minskii, A.S. - Epidemiology of an outbreak of listeriallosis. p. 25.
Krakht, S.V. - Characteristics of faucial coccal bacteria in anginas and in normal subjects. p. 30.
Gudkova, E.I., Voronina, T.P. - Diagnosis of anginas caused by Listeria. p. 31.
Deviatova, L.N. - Problem of the treatment of carriers of Corynebacterium diphtheriae. p. 39.
Trushina-Tumanova, E.F. - Testing the reactivity and antigenic action of combined whooping cough vaccine. p. 42.
Mikhailova, IU.M. - Experimental study on the effect of microbial autolysate on the activity of Corynebacterium diphtheriae and toxin. p. 47.
Silivanik, K.E. - Problem of infections in hospitals and their prevention. p. 48.
Kuznetsova, R.I., Churilova, A.A. - Result of the organization of preventive measures in foci of biundulant meningoencephalitis. p. 51.
Filippovich, A.N. - Clinical course of acute seasonal neurotropic virus infections. p. 54.
Potapchik, IU.A. - Optimal conditions for the preparation and use of vaccines from whole antigens. p. 60.
Timofeev, M.K. - Epidemiology of Japanese encephalitis. p. 66.
Rukavtsov, B.I., Shubich, M.G. - Cytochemical investigation of polysaccharides in the typhoid-paratyphoid group of bacteria. p. 72.
Kapnik, G.M., Kapnik, L.I., Timen, IA.E. - Preliminary data on the development of bacterial carriage in the typhoid-paratyphoid diseases. p. 77.
Mikhailov, A.I., Rogozina, E.N. - Effect of phenol and temperature in thermal denaturation of the purification and concentration of antitoxic sera using the method of enzymatic hydrolysis. p. 83.
Aver'ianova, L.L. - Therapy of experimental tetanus with tetanus anatoxin. p. 87.
Gel'ttser, R.R., Krylova, O.P. - Materials on the study of granules of spirochetes. p. 91.
Murav'ev, N.V. - Problem of the differential diagnosis of malaria from leptospirosis. p. 97.
Egorova, A.P. - Phagocytic reaction in dysentery. p. 101.
Loban, K.M., Savitskaia, E.P. - Effect of antibiotics on immunologic processes and on freeing the organism of Rickettsia in typhus. p. 102.
Ludianskii, E.A. - Role of trace reactions in the pathogenesis of recurrent erysipelas. p. 107.
Gromov, A.S. - Role of receptive zones in immunogenesis in intestinal infections. p. 107.
Efremenko, A.A. - History of theories about the spreading factor. p. 109.
Metelkin, A.I. - I.I. Mechnikov and his contribution to Russian veterinary and agricultural microbiology; initial stage of his activities in the field of infectious pathology. p. 111.
Shilakhov, E.N. - Review of Alecsandru Pop and Benedict Isac's "Brucellosis in man." p. 117.

Vol. 27, no. 9, Sept. 1956.

Table of contents translated:

Belkin, R.I., Vygodchikov, G.V. -I.I. Mechnikov, an outstanding Russian microbiologist; 40th anniversary of his death, 1916-1956. p. 3.
Olsuf'ev, N.G. - Tularemia in foreign countries; brief review. p. 13.
Martinevskii, I.L. - Properties of NIIEG dry living vaccine against tularemia and their relation to lengh of storage. p. 20.
Olsuf'ev, N.G., and others. - Tularin from a vaccinal strain for epicutaneous use. p. 22.
Vlasova, E.V., Muzhenkova, N.P., Matveev, K.I. - Effect of streptomycin in experimental tularemia; therapeutic action of streptomycin in initial and intracutaneous inoculation; spread of germs in bodies of treated and untreated animals. p. 28.
Tereshchenko, M.P., and others. - Epidemiological significance of sheep in tularemia. p. 34.
Smirnov, S.M. - Industrial epidemic of tularemia among workers of a meat canning combine. p. 37.
Slesarenko, V.V., Bulalo, S.G. - Agglutination and allergic reactions following revaccination against tularemia. p. 44.
Borodin, V.P., and others. - Two cases of tularemia caused by the bite of the tick Rhipicephalus rossicus Jakim. et K. Jakim. p. 49.
Gorshanova, E.N. - Data on the epidemiology of anicteric leptospirosis in Daghestan. p. 51.
Kraminskaia, N.N. - Serological type of Leptospira isolated from Microtus fortis pelliceus. p. 54.
Slavnin, N.I., Medinskii, G.M. - Carriage of Leptospira of the Moniukov type (DV-B) by gray rats in Estonia. p. 57.
Bezdenezhnykh, I.S., Kashanova, N.I. - Leptospirosis in cattle on Sakhalin. p. 60.
Kraminskaia, N.N., Ekain, V.A. - Spontaneous leptospirosis in white mice. p. 63.
Zarubina, L.V. - Utilization of biological research methods in foci of leptospirosis. p. 66.
Kornilova, A.L. - Domestic animals as a source of Listeria infection. p. 68.
Kireeva, R.IA. - Clinical characteristics of Siberian tick-bite typhys of northern Asia. p. 73.
Kozlov, M.P., Norov, D. - Case of allergic reaction to living dry antiplague vaccine. p. 77.
Dzhaparidze, M.N., Sidorova, N.K. - Titration of antiplague serum with specific polysaccharides of Vibrio comma. p. 78.
Tumanian, M.A., Dzhikidze, E.K., Aksenova, A.S. - Effectiveness of preliminary vaccination against dysentery in experimental conditions in monkeys. p. 81.
Deviatova, L.N. - Results of treating diphtheria with penicillin tablets and aerosols. p. 86.
Gendon, IU.Z. - Qualitative and quantitative determination of the protein composition of blood serum using electrophoretic fractionation on paper filter. p. 91.
Vainberg, B.G., Brutman, E.I., Kostenko, F.M. - Experimental observations on the reproduction of trachoma virus in the bodies of small laboratory animals and a study of their antigenic properties. p. 97.
Dmitrieva, V.I. - V.IA. Kokosov, a pioneer in the investigation of marmot plague. p. 103.
Varfalomeeva, A.A., Koval'skii, G.N. - Discussion on P.F. Khoruzhenko's article "Epidemiology of swamp fever." p. 106.
Kuzlakin, A.P. - "Methods of controlling rodents in cities." V.G. Polozhaev, L.A. Kirin. p. 108.
Russian literature. p. 109.
Foreign literature. p. 121.

e) PATHOLOGY & THERAPEUTICS

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Vol. 2, no. 1, Jan.-Feb. 1956.

Table of contents translated:

Smirnova, L.G., Chulkova, Z.S. - Chromatography on paper and its use in the determination of uric amino acids. p. 3.
Al'tgauzen, A.IA., Berkman, G.I. - Comparative rating of various testing methods for detecting the presence of cancerous elements in phlegm. p. 7.
Khitrovo-Gorova, T.V. - Cytological diagnosis of malignant neoplasm in respiratory organs. p. 9.
Lorian, V. - Method of morphological analysis of thrombocytes. p. 12.
Krylov, A.A. - Evaluation of cupping. p. 14.
Korniaeva, N.V. - Case of Pelger's nuclear anomaly. p. 17.
Urinson, R.M. - Possibilities for improving the quality of immune anti-Rh serums. p. 20.
Torban, M.A. - Importance of control analyses in the study of diastase in urine. p. 22.
Staroverova, A.G. - Possible errors in laboratory diagnosis of diphtheria. p. 24.
Natanson, T.L. - Difficulties in water sanitary-bacteriological analysis by the method of membrane

ANTIBIOTIKI; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [ANTIBIOTICS; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 5(55), 1956.

FARMAKOLOGIIA I TOKSIKOLOGIIA [PHARMACOLOGY AND TOXICOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 19, no. 4, July-Aug. 1956.

Table of contents translated:


Hsüeh Ping. - Effect of promedol on excitation and inhibition processes of the cerebral cortex. p. 3.

Turova, A.D., Aleshkina, IA.A. - Pharmacology of securinine, a new alkaloid. p. 11.

Kostakov, K.S. - Effect of the functional state of the nervous system on the course of ammonia poisoning. p. 17.

Legostaev, B.I. - Effect of para-aminobenzoic acid on the action of some anesthetics. p. 20.

Isachenko, V.B. - Effect of aspirin and salol on the secretion of a healthy gastrointestinal tract and in experimental fever. p. 24.

Pykhtina, A.A. - Effect of papaverine on tissue respiration. p. 27.

Chernov, V.A., Serglevskaia, S.I., Kropacheva, A.A. - Cancerocidal activity of some new phosphoramides. p. 30.

Samoilova, Z.T. - Effect of spasmolytic and hypotensive agents on renal circulation in healthy dogs and in dogs affected by hypertension. p. 31.

Shenk, N.A., Eldinova, M.B., Mitbreit, I.M. - Therapeutic and diagnostic value of galantamine in various stages of poliomyelitis. p. 36.

Guseva, E.N. - Pharmacology of a preparation of 2,4-dichlorophenoxyacetic acid. p. 41.

Khomchenovskii, E.I. - Mechanism of vomiting induced by embichine. p. 45.

Grushko, IA.M. - Studying the chromium balance in experimental poisoning in animals. p. 48.

Pokrovskii, A.A. - Studying the dynamics of the methemoglobin content of the blood of small animals. p. 53.

Five-year plan for scientific research work on problems in pharmacology in 1956-1960. p. 57.

Nikulin, A.A. - Seventeenth scientific conference of the Ryazan (Pavlov) Medical Institute and the Ryazan branch of the All-Union Society of Physiologists, Biochemists and Pharmacologists, devoted to the problem of combined drug therapy; on N.P. Kravkov's 90th birthday. p. 62.


MATERIALY K IZUCHENIIU ZHEN'-SHENIA I LIMONNIKA [MATERIALS FOR THE STUDY OF GINSENG AND SCHISANDRA]. Issued by Dal'nevostochnyi filial Akademii nauk SSSR [Far Eastern Branch of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1955.

Table of contents translated:


Preface. p. 3.

Brekhman, I.I. - Following I.P. Pavlov's teaching in the scientific study of the effect of ginseng and Schisandra. p. 7.

Grushvitskii, I.V. - Panax ginseng C.A. Mey. is the real name of ginseng. p. 13.

Grushvitskaia, M.K., Grushvitskii, I.V. - Anatomy and biology of ginseng. p. 19.

Grushvitskii, I.V. - Ginseng diseases; survey of literature. p. 35.

Gutnikova, Z.I. - Growth and development of ginseng cultivated under cover of trees. p. 71.

Balandin, D.A. - Chemical composition of ginseng; survey of literature. p. 77.

Zapotyl'ko, F.T. - Chemical investigation of the essential oil of Schisandra. p. 97.

Fruentov, N.K. - Comparative effect of a preparation of ginseng and other substances on conditioned reflex food leucocytosis in man. p. 100.

Belen'kii, E.E. - Effect of some pharmacol... [illegible]

Chernen'kii, I.K. - Ergographic investigation of the stimulating effect of ginseng and phenamine. p. 171.

Sokolov, V.I. - Duration and some characteristics of the stimulating effect of ginseng as compared with phenamine. p. 174.

Lebedev, A.A. - Pharmacology of Schisandra. p. 178.

Dunaevskii, G.A. - Using a ginseng preparation in Botkin's disease. p. 189.


VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 3, May-June 1956.

Table of contents translated:


Rubel', V.M. - Mechanism of secretion of proteins with gastric juice. p. 163.

TSyperovich, A.S. - Mechanism of the denaturation of proteins; effect of formaldehyde and ether on the resistance to denaturation of globular proteins. p. 169.

IUr'ev, V.A., Chaplygina, Z.A. - Utilization of ion-exchanging resins in the preparation of therapeutic protein hydrolysates. p. 175.

Popova, Z.N. - Metabolism of phospholipids and choline in Botkin's disease. p. 179.

Lipsits, D.V. - Role of hydrogen sulfide in the appearance of a reduction potential in experiments. p. 182.

Braun, A.D., Mirovich, N.I. - Contractile proteins of the myometrium. p. 188.

Alekseeva, A.M., Timofeeva, N.M. - Effect of physical exercise on creatinuria in children. p. 198.

Il'in, V.S., Titova, G.V. - Mechanism of the action of insulin on the hexokinase reaction. p. 203.

Vendt, V.P. - L.A. Chugaev's reaction for determining sterols. p. 210.

Sytinskaia, O.N. - Modified method for determining sulfanilamides adopted to studying the coenzyme A content and the acetylation capacity of tissues. p. 214.

Sokolov, A.A., Vlasenko, V.I., Gurvich, A.E. - Photoelectric densitometer and its use in evaluating the results of paper electrophoresis. p. 222.

Vladimirova, E.A. - Chamber for a biochemical study of the brain in rats during conditioned reflex motor-digestive and motor-defense reactions. p. 229.

Asatiani, V. - "Essays on the biochemistry of athletics." N.N. IAkovlev. p. 234.

Problems in the biochemistry of tumors discussed at the tenth Session of the Academy of Medical Sciences of the U.S.S.R. p. 236.


Vol. 2, no. 4, July-Aug. 1956.

Table of contents translated:


Il'in, V.S., Titova, G.V. - Dependence of the hexokinase-inhibiting properties of the plasma $\beta$-lipoprotein fraction on cortisone and insulin. p. 243.

Kachanova, S.G. - Excretion of ester-bound sulfuric acid with the urine in cancer. p. 252.

IUdaev, N.A., Druzhinina, K.V. - Corticosteroid content in the suprarenal glands in cattle of various age groups. p. 255.

Zakharova, V.K. - Stimulation of phosphorous metabolism in animals by tissue in plants. p. 262.

Fokina, T.V. - Stercobilin excretion in children. p. 269.

Kirsanova, V.A., Tustanovskii, A.A. - Effect of 4-aminopteroylaminoadipic acid on the rate of biosynthesis and the nucleic acid content of tissues of mice with implanted acute lymphatic leucosis. p. 272.

Lebedeva, M.B. - Effect of cortisone and desoxycorticosterone on protein metabolism. p. 278.

Konstantinov, A.A. - Stimulating and tonic effect of Chinese magnoliavine and ginseng. p. 287.

Lestrovaia, N.N., Mardashev, S.R. - Synthesis of phenylalanine and tyrosine peptides by chymotrypsine. p. 294.

Sorvachev, K.F. - Effect of ether narcosis on the distribution of radioactive phosphorus in the liver, kidneys, and blood of rats. p. 299.

Tiakhepyl'd, L.IA. - Effect of prolonged drug-induced sleep and ascorbic acid on the ammonia and glutamine contents of the blood. p. 305.

Lapin, L.N. - Method for the microdetermination of antimony in the urine and blood of patients with kala-azar treated by solusurmine. p. 309.

Balakhovskii, I.S. - Photometric determination of the degree of oxygen saturation of the blood. p. 316.


UBLIC HEALTH & NURSING

USHERKA [FELDSHER AND MIDWIFE]. [inisterstvo zdravookhraneniia SSSR ro zdravookhraneniia RSFSR [Ministry U.S.S.R. and Ministry of Health of the Moscow, vol. 21, no. 7, July 1956.

contents translated:


A. - Clinical aspects and treatment , p. 3.

- Neurodermatitis and its treatment.

Borodulina, M.Z. - Tracheobronchoscopy in tuberculosis of the lungs. p. 10.

Minsnikova, M.N. - Treating patients who suffered accidental amputation of the extremities. p. 13.

Tkachev, S.E. - Treatment of paronychia. p. 16.

Patrikeev, V.K. - Diagnosis of tumors of the jaw and face. p. 20.

Dymarskii, L.IU. - Peculiarities of symptomatic treatment and care of patients with neglected forms and late metastases of malignant tumors. p. 26.

Sokolov, I.S. - Earwax plug. p. 31.

TSilkin, I.S. - Early detection and treatment of congenital deformities in children. p. 34.

Kizimova, N.P. - Prevention of curvature of the spine in children. p. 38.

Lushnikov, A.G. - Two hundred and fiftieth anniversary of the foundation of the Moscow hospital in Lefortovo (May 25, 1700) and the establishment of a medical and surgical school connected with the hospital. p. 40.

Korolov, A.M. - Expulsion of lucarids by oxygen. p. 44.

Shcherbakova, M.G. - Work of an industrial health center. p. 45.

Zemchenko, I.A. - How we conduct our health education work in villages. p. 47.

Borisov, P.V. - Health education in the home. p. 49.

Kaplan, A.L. - Missed abortion. p. 53.

Dychkov, I.IA. - Legal consultation. p. 57.

Filatov, G. - Feldsher Vasilii Vladimirovich Tret'iakov. p. 60.

Shumskii, K.D. - Review of "Medicinal leeches and their use," G.G. Shchegolev, M.S. Fedorova. p. 62.


Vol. 21, no. 8, Aug. 1956.

Table of contents translated:


El'shtein, N.V. - Lambliasis. p. 3.

Veksler, M.I. - Botkin's disease. p. 7.

Turetskii, M.IA. - Clinical aspects and treatment of poliomyelitis. p. 11.

Magazanik, G.L. - Dupuytren's contracture and its physical therapy. p. 16.

Skorobogat'ko, V.Z. - First aid in wounds and fractures of the lower jaw. p. 20.

Strakhov, N.S. - Organizing measures for controlling tuberculosis in feldsher-stations. p. 25.

Bogolavlenskii, N.A. - Reflection of cultural bonds between peoples in the field of medicine. p. 32.

Barkovskaia, V.IU. - Radioactivity and its medical use. p. 35.

Ivanov, V.I. - How we organize work for the control of agricultural accidents. p. 44.

Medinskii, M.S. - Work of health centers in mines. p. 46.

Porepelitsa, V.L. - Treating burns with penicillin ointment. p. 47.

Kryzhanovskii, N.A. - Cornelianecherry as a remedy in the treatment of enteritis, enterocolitis, gastroenterocolitis and hemocolitis. p. 49.

Koniashkin, N.T. - Effectiveness of treating taeniasis. p. 50.

Drugichenko, S.K., Sushko, G.A. - Remarks on rural health education work. p. 51.

Tabakova, I.F. - Health education in the prevention of acute infections in children. p. 53.

Savko, V.I., Sheinborg, A.B. - Hollow phantom of the uterus. p. 56.

Rozanov, L.S. - Conference of future and graduate feldshers. p. 59.

Gil'debrandt, N.IA. - Case of hydatid mole. p. 60.

Maksudov, G. - Valuable pamphlet. p. 61.

Legal consultation. p. 62.


Vol. 21, no. 9, Sep. 1956.

Table of contents translated:


Verlotskii, A.E. - Pyorrhea alveolaris. p. 3.

Korotkov, V.M. - Garlic preparations in the prophylaxis and treatment of influenza and acute catarrhs of the upper respiratory tract. p. 5.

Korchagin, A.V. - Prevention of tonsillitis. p. 8.

Klobukov, E.N. - Preventing injuries occurring in soccer. p. 12.

Zenovich, G.V. - Section feldshers as organizers of neuropsychiatric assistance in their section. p. 15.

Viazemskii, N.M. - Ten years since N.N. Burdenko's death. p. 21.

Semenchev, G.I. - Consulting with women on the psychoprophylaxis of labor pains. p. 26.

Roshchina, L.N. - Practice in conducting psychoprophylactic training in a maternity hospital. p. 27.

Glazkova, V.N. - Prevention of toxicoseptic diseases in the newborn. p. 29.

Kozhukhar, E.M. - Our practice in preventing and treating complications following measles in outpatients. p. 32.

Bondarenko, V.K. - How we organized the work of a health center. p. 34.

Belyaev, I.I. - Group irradiation of miners by ultraviolet rays. p. 37.

Shumskii, K.D. - Treating chronic tonsillitis in a health center. p. 37.

Sagalov, G.M. - Practice of using ozocerite in a feldsher-midwife station. p. 38.

Kroyko, V.M. - Our practice in providing medical services in new lands. p. 40.

Ivanov, V.I. - Taking prophylactic measures in sanitation and epidemic control during the spring and

summer at a state farm on reclaimed land. p. 42.
Gnoevaia, V.L., Ivanova, E.N. - Participation of feldshers in the sanitary inspection of food stores. p. 45.
Berezovskaia, O.M. - What is cervical pregnancy? p. 50.
Shass, E.IU. - New data about the "tea fungus." p. 53.
Aleksandrin, M.K. - Midwife A.N. Parakhovatala. p. 58.
Fedorova. - Fifty years on her job. p. 59.
Saparkin, N.IA. - Useful diagnostic chart for medical workers. p. 62.

GIGIENA I SANITARIIA [HYGIENE AND SANITATION] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 21, no. 9, Sep. 1956.

Table of contents translated:

On the results of the 13th All-Union Congress of Hygienists, Epidemiologists, Microbiologists and Specialists in Infectious Diseases. p. 3.
Marei, A.N. - Some problems in the sanitary protection of waters from radioactive contamination. p. 7.
Iiskova, A.I. - Basis for hygienic standards for wind protection measures. p. 11.
Shafir, A.I. - Garments and bedclothes as factors of microbe and dust pollution of air in buildings. p. 19.
Danishevskii, S.L. - Work hygiene problems in organic syntheses from ketone. p. 27.
Presman, A.S. - Electromagnetic field as a health factor. p. 32.
Shevts, I., Kuz'mina, N.G. - Changes in the cells of some organs of cold-blooded animals under the effect of vibration. p. 37.
Ivanov, V.N. - Regimen for students in connection with new study plans and programs. p. 40.
Nevskii, V.A. - Hygiene concepts in the works of Russian 18th-century physicians (I.V. Vel'tsin, I.I. Enegol'm, A.A. Shpir). p. 44.
Kagan, S.S. - Tasks of sanitary and epidemic control stations in the control of tuberculosis. p. 51.
Deviatka, D.G. - Practical studies in school hygiene in a pedagogical institute. p. 54.
Mogilevskii, IA.A. - Review of "Construction of reservoirs and the problem of malaria." p. 57.
Gol'dberg, M.S. - Review of V.A. Riazanov's "Sanitation of the air." p. 59.
Tribukh, S.L., Vershinin, N.V. - Review of M.P. Selivanov's "Safety in chemical laboratory work." p. 60.
Brief news. p. 63.
Borokhovich, I.I., Dyzhina, L.I. - Postwar housing construction in Rostov-on-Don. p. 65.
Malienko-Podvysotskii, A.G. - Health risks resulting from vacuums which form in water supply lines. p. 66.
Gurvich, L.S. - Case of water supply pollution by filamentous bacteria. p. 68.
Basalaev, A.V. Shneiderman, Z.M. - Case of water supply pollution by chromium. p. 68.
Talaeva, IU.G. - Studying the effect of ultrasonic waves on the coli bacillus. p. 69.
Matsak, V.G., Volkova, Z.A. - Case of group poisoning from chlorine. p. 70.
Kuznetsov, O.D., Volkov, A.M. - Apparatus for studying the efforts of filers. p. 71.
Ermolinskii, V.I. - Comparative analysis of injuries with or without subsequent disability. p. 73.
Nudel', S.IA. - Prevention of dermatitis in workers of a Moscow tire plant. p. 74.
Prave, V.E., Agafonova, L.I. - Prophylactic disinfection of dishes in children's institutions. p. 75.
Suvorov, V.S. - Unusual case of food poisoning. p. 78.
Matusov, A.M. - Case of acute poisoning in a pit where sauerkraut is made. p. 78.
Gol'dberg, A.B. - Case of staphylococcus poisoning from eating freshly salted herring. p. 79.
Korolev, P.A. - Device for working with pipettes. p. 80.
Kreinin, L.S. - M.G. Kichenko's rosolic acid medium for detecting the coli bacillus in water in which hands and articles of general use were washed. p. 81.
Ivanov, K.A. - Solubility of benzene hexachloride in water. p. 82.
Dobrovol'skii, N.F., Koroleva, V.I., Kozarenko, P.M. - Determination of zinc in water. p. 83.
Poletaev, M.E. - Determination of small quantities of lithium in the air. p. 84.
Fedotov, V.P. - Determination of nitrogen peroxide in the air by means of 2-ethoxy-6, 9-diaminoacridinelactate; quick method. p. 85.
Fedotov, V.P. - Quick method for determining formaldehyde in the air. p. 87.
Baranovskaia, T.N. - Using an adhesive paste for trapping rodents in buildings. p. 89.
Zykin, A.I., Shapiro, A.D. - Prevention of mercury poisoning while checking water gauging equipment. p. 91.
Maevskaia, V.P., Naumova, I.S., Lysenko, E.I. - Studying the process of escape of mercury fumes from differential pressure gauges during their graduation and use. p. 91.
Sidorov, L.F. - Water supply of workers during mining operations. p. 92.
Lifshits, I.I., Kovarskaia, N.E. - Method of determining fibrous dust in the air by Kouzov's dust extractor. p. 92.
Sadovskii, P.M. - Determination of carbon monoxide by contact combustion with copper oxide as catalyzer. p. 92.
Aver'ianov, A.G. - Necessity of reducing air samples from industrial buildings to the average level. p. 93.
Bunte, A.I. - Carrying Corynebacterium in a group of children and methods for hygienic treatment of the children's throats and the indoor air. p. 93.
Beletskii, V.G., Belgorodskaia, N.N., Liakhova, L.IA. - State of artificial lighting in Smolensk schools. p. 94.
Zhalko-Titarenko, V.P. - Devices for collecting air samples by using Rechmenskii's bacteria separator. p. 94.
Dreizin, S.A. - Effect of ultraviolet radiation on the longevity of the typhoid bacillus in reservoir water. p. 95.
Dreizin, S.A. - Longevity of the typhoid fever bacillus in tap water. p. 95.
Abramovich, G.A. - Changeableness of the coli bacillus in the water of the Volga River and its role as a health indicator. p. 95.
Kasatkina, I.L., Krizhnikov, V.A. - Distribution of enterotoxic staphylococcal strains in Alma-Ata. p. 96.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 15, no. 7, July 1956.

Table of contents translated:

Shatrov, I.I., Zatsepin, N.I. - Control of intestinal infections in the U.S.S.R. p. 3.
Beliaeva, E.D. - Lingering and chronic dysentery in children. p. 8.
Likhacheva, E.M. - Typhoid fever. p. 11.
Ivanova, E.N. - Prevention of food poisoning. p. 15.
Dolgoplatova, S.P. - Therapeutic diet in dysentery. p. 17.
Ratner, S.I. - Dysentery and its control. p. 19.
Krzhivitskaia, N.M. - Role of a nurse in preparing the patient and assembling material for laboratory tests. p. 22.
Nilovskaia, S.N. - New remedies and their prescription. p. 26.
Igoshin, V.A. - Nina Artem'evna Donets. p. 31.

Vol. 15, no. 8, Aug. 1956.

Table of contents translated:

Mol'kov, IU.N. - Ways of studying the nature and mechanism of the development of malignant tumors. p. 3.
Chekharina, E.A. - Prevention of gastric cancer. p. 8.
Subotskii, V.E. - First aid in acute retention of urine. p. 12.
Spiridonova, Z.V. - Treating urological patients. p. 16.
Zolotareva, A.S. - Determination of daily diuresis. p. 19.
Sergievskii, S.A. - Scientific and practical conferences of nurses. p. 23.
In memory of Vladimir Nikolaevich Khodkov; 1885-1956. p. 27.
Krakinovskaia, E.M. - "Dislocations and fractures," B.M. Khromov. p. 28.
Legal consultation. p. 30.

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: ZDRAVOOKHRANENIE, GIGIENA I SANITARIIA, ISTORIIA MEDITSINY [ABSTRACTS OF SOVIET MEDICAL LITERATURE: PUBLIC HEALTH, HYGIENE AND SANITATION, HISTORY OF MEDICINE]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, nos. 19-20, 1956.

## h) SURGERY & DENTISTRY

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 32, no. 6, June 1956.

Table of contents translated:

Lidskii, A.T. - Portal hypertension as a surgical problem. p. 3.
Desfamil'naia, Z.I., Soledovkina, T.A. - Primary sarcoma of the stomach. p. 13.
Panov, V.I., Fraifel'd, Z.L. - Angioarchitectonics of the stomach in peptic ulcer, in ulcerated cancer, and in cancer developed from an ulcer. p. 16.
Popov, G. - New by-pass operations of the bile ducts. p. 18.
Dzhavadian, A.M. - Diagnostic value of cholangiography during surgery. p. 22.
Petrov, G.V. - Organization of emergency surgical aid for patients with acute abdominal diseases in a district hospital. p. 26.
Solov'ev, V.I. - Changes in the motor and evacuatory functions of the stomach immediately after resection. p. 30.
Neporent, M.I. - Motor function of the jejunum. p. 34.
Ermolenko, A.I. - Late results of rectocolopexy according to the author's method. p. 38.
Bakaleinikov, S.S. - Comparison of clinicoroentgenological data in biliary colic syndrome. p. 40.
Milonov, P.A. - Late results of surgery in cholecystitis. p. 43.
Petrov, V.I. - Importance of X-ray investigation with contrast media in the diagnosis of volvulus. p. 50.
IUrikhin, A.P. - Late results of treating acute intestinal obstruction. p. 54.
Chuprakova, K.IA. - Jejunocoloplasty in extensive resections of the transverse colon. p. 58.
Shulutko, M.L., Elokhina, N.P. - Surgical treatment of hypostatic abscesses in tuberculous spondylitis. p. 62.
Khaigrekht, S.I. - Strangulated intestinal obstruction in visceral inversion. p. 66.
Simonian, K.S. - Acute intestinal obstruction caused by an intestinal anastomosis stump. p. 67.
Solov'ev, N.N. - Late complications of side-to-side intestinal anastomosis. p. 67.
Bagdasar'ian, S.T. - Errors in forming a gastroenteroanastomosis with an interintestinal communication. p. 69.
Plashek, Sh.A. - Surgical restoration of an injured common bile duct. p. 71.
Dagaev, V.N., Geineman, N.V. - A case of an aneurysm of the abdominal aorta into the duodenum. p. 72.
Varnovitskii, G.I. - Diagnosis of cysts of the appendix. p. 73.
Efuni, S.N., Federmesser, K.M., Okorokova, L.V. - Giant pseudomyxoma in the abdominal cavity. p. 75.
Edel', IU.P. - Causes of leaving foreign bodies in wounds during surgery. p. 76.
Kvashnin, IU.K. - Some proposals for the improvement of surgical instruments and apparatus used for diagnosis and treatment (a survey of papers received by the editor). p. 80.
Professor E.L. Borezov; on his 60th birthday. p. 84.
Nikitina, N.I. - Hundredth anniversary of the birth of N.A. Vel'iaminov. p. 87.
Khromov, B.M. - "The physician in atomic defense." Thad. P. Sears. p. 90.

SOVETSKOE MEDITSINEKOE REFERATIVNOE OBOZRENIE: KHIRURGIIA [ABSTRACTS OF SOVIET MEDICAL LITERATURE: SURGERY]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, no. 25, 1956.

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, vol. 77, no. 7, July 1956. [With summaries in English.]

Table of contents translated:

Uglov, F.G. - Some problems in cardiovascular surgery. p. 3.
Gadzhiev, S.A., Mishura, V.I. - Diagnosis and treatment of Lutembacher's syndrome. p. 15.
Marinescu, V., Ionescu-Busjor-Carus. - Mechanism of acute pulmonary edema in mitral stenosis. p. 23.
Sergievskii, V.S., Voronova, N.V. - Experimental excision of myocardial infarct. p. 26.
Sinitsyn, N.P. - Experimental transplantation of the heart. p. 28.
Bisenkov, N.P. - Coronary sinus of the heart; surgical approach. p. 38.
Voropaev, T.S. - Atrioventricular valve apparatus in a normal state and in mitral stenosis. p. 46.
Arkatov, V.A. - Prevention of ischemic spinal paralysis by shunts; experimental research. p. 57.
Struchkov, V.I., and others. - Changes in cardiovascular activity during and after radical surgery of the lungs. p. 64.
Dimitrov, S. - Treatment of echinococcosis of the lungs. p. 71.
Kolesov, A.P., Krasnorogov, B.V. - Results of surgery in pulmonary cancer. p. 77.
Sidorova, L.M. - Effect of oxygen therapy on blood gas content in pulmonary cancer. p. 82.
Potemkina, E.V. - Induced medinastinal emphysema. p. 86.
Shralberg, M.G. - Experimental data on the course and prevention of pleuropulmonary shock. p. 92.
Chkheidze, M.IA. - Peridural anesthesia. p. 96.
Dobretsov, V.V. - Parathyroid arterial blood supply. p. 99.
Balon, L.R. - Pathogenesis, diagnosis and treatment of cervicofacial actinomycosis. p. 103.
Kolesnikov, I.S., Sheinis, V.N. - Basic concepts of the treatment of burns abroad. p. 111.
Drevina, A.I. - Modern treatment of burns according to foreign literature; local treatment of burns. p. 124.
Shapkin, V.S. - Surgical treatment of pulmonary suppuration complicated by empyema; concerning N.M. Amosov's article. p. 129.
Svistunov, N.I. - A device for the removal of remaining blood from the Filatov blood transfusion set. p. 133
Zverev, A.F. - A new variant of resection in mammary gland hypertrophy. p. 134.
Galankin, N.K. - Ligation of patent ductus arteriosus in paroxysmal tachycardia. p. 136.

Shapkin, V.S. - Pneumonectomy for bronchiectasis with simultaneous ligation of patent ductus arteriosus. p.138.
Mitiunin, N.K. - Chest wound causing prolapse of part of the lung. p.140.
Khromov, B.M. - "Timely problems of blood transfusion"; collection of scientific works. p.141.
Minutes of sessions of the Pirogov Surgical Society. p.144.
On the 75th birthday and 50th anniversary of the work of Semen Semenovich Girgolav. p.149.
In memory of Vladimir Mikhailovich Voskresenskii. p.151.
Nesterenko, A.I., Kamenskaia, M.I. - Dissertations in surgery and related specialties. p.153.
Abstracts of original articles. p.157.

Vol. 77, no. 8, Aug. 1956. [With summaries in English.]
Table of contents translated:
Volikov, A.A., Filin, V.I. - Modern forms of general anesthesia in surgery of abdominal viscera. p.3.
Chukhrienko, D.P. Methods and effectiveness of local novocaine anesthesia in surgery of the gastrointestinal tract; experimental research. p.18.
Mel'nikov, A.V. - Internal fistulae of the duodenum. p.29.
Popov, S.D. - Inadequacy of the duodenal stump after ligation of the gastroduodenal artery in gastric resection. p.46.
Struchkov, V.I. - Present-day problems of acute intestinal obstruction. p.53.
Dyskin, E.A. - Morphological characteristics of the ileocecal region in man. p.61.
Besfamil'naia, Z.I. - Correlation of clinical and anatomic factors in acute appendicitis. p.76.
Petushinov, M.A. - Changes in the nerve apparatus of the appendix in the so-called catarrhal appendicitis. p.79.
Breido, I.S., TSivin, S.S. - Acute appendicitis and extrauterine pregnancy; differential diagnosis. p.90.
Limonnikov, L.G. - Errors in the diagnosis and treatment of acute appendicitis and its complications. p.96.
Fotieva, L.A. - Time required for recovering from disability following an appendectomy. p.101.
Iosset, G.IA. - Analysis of mortality in acute appendicitis. p.107.
Napalkov, P.N., Shafer, I.I. - Clinical and anatomical classification of appendicitis. p.114.
Blinov, N.I. - Some controversial problems in surgery for acute appendicitis. p.120.
Poleshchuk, I.S. - The surgeons tactics in case of appendicular infiltrations in children. p.125.
Lacombe, P. - Anesthesiology in France. p.128.
Bisenkov, N.P., and others. - Review of the periodical "Gastroenterology" for 1955. p.132.
Bukin, IU.V. - Manuals on topographic anatomy published in Russia in the 19th century. p.147.
Minutes of sessions of the N.I. Pirogov Surgical Society. p.155.
Abstracts of original articles. p.158.

### i) VENEREOLOGY & DERMATOLOGY

/ESTNIK VENDEROLOGII I DERMATOLOGII [REVIEW OF VENEREOLOGY AND DERMATOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 30, no. 4, July-Aug. 1956.
Table of contents translated:
Samtsov, V.I. - Effect of ionizing radiations on the reactivity of the skin in relation to pyogenic infection and some external irritants. p.3.
Rakhmanov, V.A., Ksanfopulo, P.I. - Resochin in the treatment of lupus erythematosus. p.8.
Laptev, V.A. - Treatment of psoriasis by antipsoriaticum ointment. p.11.
Smelov, N.S., Trofimova, L.IA. - Vesicular forms of follicular dyskeratosis (Darier's disease). p.13.
Gokinaeva, L.I. - Effect of vitamin $D_2$ on certain functions of the organism. p.19.
Sokolin, A.I. - The state of the higher nervous activity in latent (asymptomatic) syphilitic meningitis. p.21.
Vasil'ev, T.V. - Condition of the neurovascular system during syphilis with salvarsan complications. p.25.
Ovchinnikov, N.M. - Significance of complement fixation at low temperature; results of comprehensive work of 11 institutes of dermatology and venerology. p.29.
Shatov, V.A., and others. - Experience in treating chronic gonorrhea in women by intracutaneous injection of a mixture of novocaine, penicillin, gonovaccine and methylene blue. p.33.
Semenov, P.P. - Three years' experience in treating acute gonorrheal urethritis in men by a single injection of penicillin. p.37.
Torsuev, N.A. - The so-called prophylactic treatment in leprosy. p.40.
Zheltakov, M.M., Studnitsin, A.A., Khachatur'ian, G.Kh. - Instruction method in a practical course on dermatology and venerology. p.43
Pashkov, B.M. - Methodology for practical work in the department of dermatology and venerology of medical stomatologic institutes and in departments of stomatology in medical institutes. p.46.
Pobegailo, V.M., Glukhen'kii, B.T., Kunts, S.A. - Chloromycetin emulsion for treating streptoderma. p.52.
Frolov, F.F. - Positive results from treatments by Novikov's antiseptic liquid. p.52.
Mel'nik, M.I., and others. - Treating mycoses of the scalp with "Lesovata liquids" nos. 1 and 2 without using X rays. p.52.
Pletnev, B.D., Butareva, T.A. - Modified postepilatory treatment in fungus diseases. p.53.
Shkol'nikov, I.E. - Organization of epidermophytosis control in Lomonosovo. p.53.
Arievich, A.M., Vatolina, V.M. - Vitamin $D_2$ for treating chromoblastomycosis. p.54.
Troian, G.A. - Dermatomycoses in Chernovtsy Province. p.54.
Kadyseva, E.A. - Using vitamin A in eczema. p.54.
Polilov, M.I., Mozentseva, G.L., Vetrova, A.A. - Boric acid solutions for treating seborrhea of the scalp. p.56.
Nikitina, A.F., Bol'shakova, G.M. - Clinical aspects and treatment of erythema circinatum. p.56.
IUrinov, T.M. - Dermatological symptoms in syringomyelia. p.56.
Igumnov, A.K., IUshkov, N.P. - Case of yellow chromhidrosis. p.57.
Karimov, Sh.M., Ereshev, M.E. - On the problem of a tuberculoid form of leishmaniasis. p.57.
Belen'kii, G.B., Raben, A.S. - Clinical aspects of skin lesions in Paltauf-Sternberg lymphogranulomatosis. p.57.
Tikhonov-Bugrov, V.D. - Treatment of ingrowing nails. p.58.
Pototskaia, I.I. - Comparative characteristics of the cutaneous nerve endings in tuberculoid and lepromatous leprosy. p.58.
Khaimovskii, D.I., and others. - Ecmonovocillin for treating syphilis in outpatients. p.59.
Petrushevskii, S.I. - Case of brain embolism following an intraglutteal ecmonovocillin injection. p.59.
Bokhua, A.V. - Some data on the epidemiology of chancroid in Abkhazia. p.59.
Kharchenko, A.M. - Ecmonovocillin for treating gonorrhea in women. p.59.

## 15. AGRICULTURE

### a) GENERAL

AGROBIOLOGIIA [AGROBIOLOGY]. Organ of Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 4(100), July-Aug. 1956.
Table of contents translated:
Lysenko, T.D. - Biological species and species formation. p.3.
Konstantinova, A.M. - Transforming wild forms of perennial grasses into highly productive varieties. p.31.
Valeev, Sh.V. - Corn varieties of the Kazan Plant-Breeding Station. p.40.
Glinianyi, N.P. - Hereditary transformation of the Markiz spring wheat into winter wheat. p.46.
Evstaf'eva, V.A. - Winter hardiness of the tea plant. p.56.
Pausheva, Z.P. - Biology of buckwheat pollination and fertilization. p.62.
Krasikov, Z.D., Chukanov, V.I. - Effect of the yarovization of spring wheat on the yield and quality of seeds. p.70.
Zakharova, E.I., Basan'ko, A.A. - Characteristic features in the development of grafted and ungrafted grapevines. p.76.
Ponomareva, A.T., Sushchikh, Z.V. - Effectiveness of shallow placement of organomineral mixtures in winter wheat fields. p.84.
Bakhulin, M.D. - Effect of copper fertilizers on meadow grasses grown for seeds. p.89.
Fol'mer, N.I. - Study of the effectiveness of T.S. Mal'tsev's tillage system in the southern trans-Ural region. p.99.
Nikolaev, A.I. - Academician Mikhail Fedorovich Ivanov; 86th anniversary of his birth. p.108.
Ognev, I.M. - Organomineral mixtures for flax. p.111.
Kalantyr', M.S. - Latex accumulation in eucommia in various geographical zones. p.115.
Beskaravainyi, M.M. - Introgression of oak roots in plantations of the Kamyshin Forest Conservation Branch Station. p.119.
Deimontovich, B.I. - Makhorka with few suckers. p.123.
Gavrilov, V.G. - Characteristics of the development of suckering apple varieties. p.126.
Bel'kov, V.P., Zeland, M.G. - Changes in grass stands and soil brought about by the chemical control of shrubs in pastures. p.128.
Nesterov, IA.S. - Role of maternal pollen in intervarietal pollination of apple trees. p.132.
Nechiporchuk, I.D. - Some cases of appearance of new forms in hops. p.136.
Khuchua, K.N. - Artificial supplementary pollination of sugar beet transplants. p.137.
Khalifman, I.A. - K. Marx's letters concerning K. Fraas and some problems in modern biology. p.138.
Polosatova, E.V. - K.A. Timiriazev and the Rothamsted Experimental Station. p.147.
T.G. - New periodical of the Polish Academy of Sciences. p.153.
I.S. - Discussion on "vegetative hybridization" of bees in a British periodical. p.154.
From the pages of foreign editions of Michurin's works. p.157.
Books sent to the editors for comments. p.159.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia, Biologicheskie i sel'skokhoziaistvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Biological and Agricultural Sciences]. Erivan, vol. 9, no. 8, Aug. 1956.
Table of contents translated:
Melik-Mus'ian, B.N., Demirchoglian, G.G. - Some results and prospects in electroretinographic research. p.3.
Movsesian, M.A., Oganisian, A.A. - Changes in the electrical activity of the heart and brain of animals in acute radiation sickness. p.13.
Avakian, TS.M., Tumanian, V.A. - Theory of the visibility of X rays. p.21.
Daniel'bek, D.A. - Use of oxycaine in surgery. p.29.
Tumanian, S.A. - Some data on the spreading of hyphae of different species of wood-staining fungi in the wood of the pine. p.37.
Kamolian, IA.I. - Feeding the Chinese tussah moth with willow leaves in the Ararat Plain of the Armenian S.S.R. p.47.
Mardzhanian, G.M., Esaian, G.T. - New insecticide-acaricide of the group of organic thiocyanates. p.59.
Babaian, A.A. - Methods for centralized disinfection of cottonseed. p.67.
Giul'khasian, M.A. - Effect of fertilizers on the Samsun 27 tobacco variety in Ashtarak District of the Armenian S.S.R. [in Armenian with summary in Russian]. p.79.
Ananian, A.A., Eglazarian, A.G. - Effect of fertilizers on the increase in yield and dry matter content of tomatoes in the Armenian Lowland. p.91.
Gambarian, L.S., Grigorian, G.E. - New scientific work. p.101.
(DA)

AKADEMIIA NAVUK BSSR, Minsk. Instytut melioratsyi, vodnai i balotnai haspadarki. Trudy [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Land Improvement, Water, and Swamps. Transactions]. Minsk, vol. 6, 1955.
Table of contents translated:
Lupinovich, I.S., Shchitnikov, P.I. - Drainage and cultivation of swamps and swampy soils in the Polesye Lowland. p.3.
Pochkurov, A.F. - Using river defense works in the regulation of rivers. p.21.
Livshits, I.M. - Seasonal and monthly variations in the discharge of rivers in Polesye. p.40.
Livshits, I.M. - Probable daily discharge of Polesye rivers. p.151.
Bragilevskaia, E.A. - Calculation of the probable daily discharge of Polesye rivers in summer and autumn. p.182.
Shebeko, V.F. - Some data on evaporation and temperature in cultivated and virgin swamplands. p.224.
Pochkurov, A.F. - Mineralization of peat. p.250.
Krasnik, M.G. - Some results of testing the operation of sluices in drainage systems. p.257.
Adzerikho, S.A. - Hydraulic calculation of spillways on peat foundations. p.266.
Sakovich, F.I. - Hydraulic conditions of an experimental plot for bottom-land meadow formation. p.281.
Skoropanov, S.G. - Problems of the primary cultivation of Bog soils in the White-Russian Polesye. p.301.
TSygankov, A.F. - Methods for calculating the settlement of peat foundations of retaining dams constructed in swamps. p.329.
Rozenblium, B.M. - Prospects for the development of the feed supply on the collective farms of White-Russian Polesye in connection with the reclamation of swamps. p.338.

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 8, no. 9, Sep. 1956.
Table of contents translated:
Irrigation of Golodnaya Steppe. p.3.
Glazov, A.N. - Use of radioactive isotopes in engineering research. p.13.
Glukhov, I.G. - Irrigation by underground water. p.20.
Takanaev, R.F. - Industrialization and over-all mechanization of land improvement work in the White Russian S.S.R. p.31.
Zubets, V.M. - Use of drainage networks. p.38.
Lorkh, G.G. - Irrigation in Siberia. p.46.
Dmitrievskii, N.G. - Stream energy losses in drops of rectangular section. p.50.
Teterin, P.P. - All-purpose moisture meter. p.56.
TSeitlin, A.S., Bulgakova, L.M. - Rapid method for determining the moisture content of soils used in earthworks. p.58.

Kobzikov, I.I., Kuznetsov, G.A. - Textbook on agricultural water supply and land improvement work for land use institutes and faculties. p.61.
Articles on agricultural land improvement from foreign magazines. p.62.

Vol. 8, no. 10, Oct. 1956.
Table of contents translated:
Attention to the over-all mechanization of construction in Bet-Pak-Dala. p.3.
Glukhov, I.G. - Seepage filtration in loess rocks in canals and subsidence phenomena on irrigated fields. p.9.
Akhmedov, A.A. - Urgent problems in the improvement of irrigated lands in Tajikistan. p.19.
Bogushevskii, A.A. - Diagrams of subirrigation. p.27.
Shumetov, G.F. - Irrigation of vegetable crops on collective farms in the zone of the Saburovo Machine-Tractor Station in Orel Province. p.33.
Ignatiuk, G.L. - The Suez Canal. p.39.
Mekhonoshin, S.I. - Core extractor; device for lifting cores from wells. p.47.
Dunin-Barkovskii, L.V. - "Irrigation in the world" by N.D. Gulhati [in English]. p.49.
Perekhrest, S.M. - Water supply and utilization in Spain. p.60.
In the Ministry of Agriculture of the U.S.S.R. p.61.
Lapidovskii, K.M. - In the Scientific and Technical Council of the Ministry of Agriculture of the U.S.S.R. p.63.

ĶAZAĶSTANNYŃ AŬYL SHARŬASHYLYĢY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 10, Oct. 1956. [In Kazakh.]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 16, no. 8(133), Aug. 1956.
Table of contents translated:
Editorial: Successfully fulfill the plan for the procurement of agricultural products. p.1.
Dubil'er, A. - In the interest of strengthening communal farming. p.3.
Profatilov, I. - Corn is the Key crop in providing cattle with a feed supply. p.5.
Gurtsiev, N., Dautseva, E. - Additional wages are in effect. p.7.
Kovalenko, M. - How we increase material interest of collective farmers in the development of communal farming. p.8.
Sinchinov, A. - Motor transport of collective farms in crop harvesting. p.11.
Dubrovin, A. - Rise of profits in tobacco growing. p.12.
Stakh, F. - Spend less time on harvesting. p.13.
Tkachenko, A. - We are mechanizing the harvesting of corn. p.14.
Kudriavtsev, N. - Harvesting corn with grain combines. p.15.
Repin, A. - Storing feed corn in temporary cribs. p.16.
Petrov, E. - Snow-water irrigation is a reliable means of increasing the productivity of agriculture and animal husbandry in steppe regions. p.17.
Unfallowed land gives much additional production. p.18.
Nesterenko, G., Osipova, E. - Increase the production of pulse crops. p.19.
Shesterov, L., Balkova, V. - Sewage is a powerful means for raising vegetable yields. p.20.
Antonov, P. - Range fattening of cattle on a Transbaikalia collective farm. p.22.
Kuz'min, M., Iskmukov, V. - Organizing the range fattening of cattle. p.24.
Novosel'tsev, D. - Fattening hogs for meat on silage of ear corn and potatoes. p.25.
Fattening of hogs on the "Maslovskii" State Farm. p.26.
Belousov, V. - What the collective farm gained by harvesting in separate stages. p.29.
Krechun, IU. - Machine operators improve the design of agricultural equipment. p.29.
Gerasimov, G. - Help of machine operators. p.31.
Sheko, M. - Collective farm builders. p.32.
Voronov, E., Butanov, K. - How to process millet. p.34.
Kortikova, K. - Accounting of production expenditures. p.36.
Koreniugin, G. - Document classification in collective farm bookkeeping. p.38.
All-Union Conference of Workers of Agricultural Science. p.40.
Letters from collective farms. p.43.
Dedovets, I., Mekhriakov, D. - Inferior book on an important subject. p.47.

Vol. 16, no. 9(184), Sep. 1956.
Table of contents translated:
Nazarenko, K. - Every collective farm should have its own high-quality certified seeds. p.1.
Nikolaev, V. - What the collective farm has gained from the use of virgin and idle lands. p.3.
Lomtev, V. - Growth of the communal economy and managerial initiative of the collective farm. p.5.
Sukhina, A. - Monthly advance payments help to strengthen the communal economy. p.7.
Panfilov, A. - Introducing and mastering crop rotations. p.8.
Semenov, I. - Planning the production of meat on the collective farm. p.11.
Toomre, R. - Establishment and use of perennial cultivated pastures. p.13.
Lagatskii, A. - Potato harvesting and storage. p.16.
Rylko, V., Gusev, A. - Increasing the productivity of meadows and pastures. p.17.
Minina, I. - Improving pastures and meadows of the non-Chernozem zone. p.20.
Suslov, A. - Organize the production of meadow grass seeds. p.23.
Rabotnov, T. - Use of 2,4-D for clearing pastures of shrubs. p.25.
Efimov, P. - One hundred and twenty-eight centners of hay to the hectare. p.26.
Chukhrii, M. - Pork production will be doubled. p.28.
Tolochkin, P. - We are making preparations for the wintering of livestock. p.30.
Sanzhiev, B. - The trans-Baikal fleece. p.32.
Boev, V. - Progressive method for harvesting sugar beets. p.34.
Petersen, P. - New harvesting equipment in beet fields. p.36.
Dalin, A. - Mechanizing fall work on pastures and meadows. p.37.
Chuvikov, V. - Changes in the collective farm accounting. p.38.
Baukov, N. - Simplified method for taking inventory. p.39.
Konstantinov, G. - How we have organized the accounting for labor. p.40.
Grigor'ev, S. - Collective farm accountant. p.41.
Mazhumov, A. - Sugar-beet breeding. p.42.
Kolesnik, G. - Work results of a collective farm experiment station. p.43.
Koldanov, V. - Forestry in the cooperatives of the Chinese People's Republic. p.44.
Ermakova, V. - Efficient methods for feeding livestock and poultry. p.44.
Letters from collective farms. p.46.
Nivinskii, E. - How a collective farm can obtain cars for the transportation of loads by rail. p.47.

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 36, no. 9, Sep. 1956.
Table of contents translated:
Krivenchenko, V. - First steps. p.2.
Agranovskii, I. - All Union Industrial Exhibition. p.5.
Borozdina, L. - Finland is our good neighbor. p.7.
Belinovich, N. - In the homeland of Donna Kalikova. p.9.
Nazarenko, N. - Share your experience. p.9.
Daskalov, S. - Above the map of the country. p.11.
Matushkin, V. - Acquaintances from Orlovka. p.13.
Bonfanti, Silvia-Maggi. - Neighbors; a story. p.16.
Gunin, A. - Autumn; verse. p.20.
Strok, A. - To the first grade! p.21.
Mishchik, A. - As if without hands. p.23.
Solov'ev, V. - Poliomyelitis. p.24.
Tillard, P. - Shall I have a piece of bread now? p.25.
Sokolova, V. - Meetings. p.26.
Spartakiada of the peoples of the U.S.S.R. p.29.
Provisions for winter. p.30.
Styles. p.31.
Followup of readers' letters. p.32.

Vol. 35, no. 10, Oct. 1956.
Table of contents translated:
Stepanenko, V. - Matter of honor. p.2.
Grigor'eva, A. - Life demands. p.4.
Petrova, L. - Our friend Eugenie Cotton. p.8.
Vishnevskii, S. - On the path of independence. p.9.
A durable and indissoluble friendship. p.11.
Gusova, A. - For a durable prosperity. p.12.
Hsiao P'ing. - Mistress of the poultry yard; a story. p.13.
Chikov, A. - Captain on the steppe ship; verse. p.15.
Lisovska, O. - Man on the hill; verse. p.15.
Snezhin, V. - Where the Irkutsk Hydroelectric Power Station is being built. p.16.
Markova, O. - Brothers; a story. p.19.
Alekseevich, G. - Stubbornness in children. p.22.
Filippova, N. - In spite of difficulties. p.23.
Manzhelii, I. - Hybrid seeds. p.25.
Rakitnikov, A. - Sorochinisy embroideresses. p.26.
Bezymenskii, L. - History shall not repeat. p.29.
Shishakov, V. - The great opposition. p.30.
Fashions. p.31.
Vegetable dishes. p.32.

MASHINO-TRAKTORNAIA STANTSIIA [MACHINE-TRACTOR STATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 16, no. 8, Aug. 1956.
Table of contents translated:
Complete your obligations to the Government fully and on time. p.1.
Makarov, A. - Increasing agricultural production. p.4.
Rubinskii, S. - Obligations have been fulfilled. p.7.
Vagner, K. - Efforts of the agrochemical laboratory of a machine-tractor station in increasing crop yields. p.10.
Ushakov, A. - Potentialities for increasing the productivity of labor in beet growing. p.12.
Lapshin, M. - Lower material expenditures at machine-tractor stations. p.15.
Startsev, D. - Field work on collective farms should be of high quality and fulfilled in time. p.17.
Rostislavskii, B. - Introducing principles of business accounting. p.19.
Bezbozhnaia, E. - Radio dispatcher system in machine-tractor stations. p.20.
Sopov, G. - Work of crews under the guidance of agronomists. p.22.
Elagin, I. - Mechanized harvesting of millet. p.24.
Deshevoi, F. - Use of excavating machinery in building silage trenches. p.27.
Chursin, N. - Special problems in operating S-4M combines with cutters which automatically follow the ground surface. p.28.
Gnedin, S. - Tooth harrow and weeder for cultivating potatoes. p.29.
Tevelev, L. - New method for regulating the preliminary tension of caterpillar tracks. p.31.
Musikhin, I. - Combine for harvesting high-yielding grain crops in northern districts. p.33.
Astvatsaturov, G., Liubchenko, A. - Checking and cleaning coarse band filters. p.35.
Kosichenko, IU., Chernyshov, V. - Improving the coarse oil filter of the D-54 engine. p.37.
Radzievskii, I. - Chopping green feed for poultry. p.38.
Ponomarev, N. - My experience in operating combine-type beet harvesters. p.39.
Shchurov, S. - New dry air filter for DT-54 tractors. p.40.
Aristov, A. - Automatic dumping of straw piles. p.42.
Romanenko, A. - Equip tractors with signals. p.42.
Sumanov, E. - Defect in the construction of harrows. p.43.
Zarelskii, A. - Reconditioning the axle of the chassis of STZ-NATI and DT-54 tractors. p.43.
Cheremisov, A. - Repairing pinion gears of oil pumps. p.43.
Palestin, S. - A book on forge shop practice. p.44.
Dazhin, G., Kuklev, A. - New textbook for combine operators. p.44.
Solov'eva, M. - New GOST 5304-54 diesel oil. p.45.
News from machine-tractor stations. p.46.

Vol. 16, no. 9, Sep. 1956.
Table of contents translated:
Improve the planning, organization and technology of repair work at machine-tractor stations. p.1.
Kuz'min, M. - We are lowering expenditures and strengthening the economy of collective farms. p.4.
Stenin, G. - For higher yields and lower expenditures. p.7.
Pindich, S. - Production norms and labor productivity in repair shops. p.10.
TSeitlin, M., Gurin, N. - Simplify bookkeeping at machine-tractor stations. p.12.
Khromotskii, P., Degtiarev, V. - Experience in organizing repair work at the first Naro-Fominsk Machine-Tractor Station. p.14.
Lastochkin, D. - Machinery used for land improvement at machine-tractor stations. p.16.
Riazanov, N. - For an exemplary utilization of machines and tractors. p.18.
Kalabukhov, M. - Organizing tractor groups for peat winning. p.19.
Trakhtenberg, G. - Organize workshops specializing in the repair of cylinder sleeves. p.20.
Gorutskii, V. - Shortcomings in organizing the repair of machinery at machine-tractor stations. p.22.
Lobkov, P., Dreniaev, V. - Our experience in using KPL attachements to S-6 combines for harvesting corn. p.23.
Sitnikov, A., Ardashev, G. - Servicing diesel tractors. p.24.
Galkovskii, N. - Regulating the rate of seeding based on a linear meter. p.26.
Pis'mennyi, G. - Oil pockets in bearings of truck and tractor engines. p.27.
Korneichuk, K. - Give greater support to the initiatives of efficiency workers. p.28.
Savinov, A. - Water tower combined with a pumping station. p.30.
Kompaneets, M. - Movable automatic stock waterer. p.30.
Kireev, P. - Changes in the design of the ID26/30 engine. p.31.
Morev, G., Parshin, M., Kosiakov, E. - Repairing balance arms of DT-54 and STZ-NATI tractors. p.31.
Babenko, V. - Reconstructed VUM-60 machine. p.32.
Aleksandrov, V. - How to improve the work of S-80 tractors. p.32.
Cherepanov, S. - Removing wild oats from oats and barley. p.33.
Smirnov, V., Margvelidze, U. - New running-in and brake-testing block. p.34.
Klimov, G. - AP-10 truck scales. p.36.
Markin, V. - What inventors are working on. p.37.
Kosnikov, N. - Work results with the new hemp thresher. p.39.
Dmitriev, A. - Corn harvesting machinery in the U.S.A. p.40.
Mamaev, K. - New chemical compounds for defoliating cotton plants. p.44.
Guzev, P. - Book for repair shop workers of machine-tractor stations. p.45.
News from machine-tractor stations. p.46.

MOLODOI KOLKHOZNIK [THE YOUNG COLLECTIVE FARMER]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 23, no. 8, Aug. 1956.
Table of contents translated:
Organov, N.N. - The party is calling you. p.1.

B 15a

Ustinovich, N. - Beyond the Arctic Circle. p. 3.
Starodubtsev, Mikhail. - Bearing the name of the 20th Congress. p. 4.
Kaluzhskii, Leonid. - Novosibirsk Turbogenerator Plant. p. 5.
Korshunov, A. S. - Map lags behind life. p. 5.
Mironov, M. - Abakan Blagodat'. p. 6.
Golyshev, N. - Weapon of struggle and victory ("Diary and letters." Feliks Dzerzhinskii). p. 7.
Khromov, K. - Tractor group supervised by an engineer. p. 8.
Kuranov, IU., Proshin, S. - On a Sunday. p. 9.
Sal'nikov, Andrei. - Comrades, think about this. p. 11.
Ponizovskii, V. - Lights of Communist Youth League clubs. p. 12.
Gol'tsov, A. - Much-needed machine. p. 14.
Slesarchuk, Ivan. - Skillful people are able to do anything. p. 14.
Ibragimov, S. - An open heart. p. 15.
Let's keep body and soul young. p. 16.
Turov, Boris. - In the Volga region steppes. p. 16.
Voinov, V. - About an important subject ("By the steep bank"; stories, G. Torepol'skii). p. 19.
Zhokhov, M. - Praiseworthy example. p. 19.
Griaznov, Al. - "Salt of the earth." G. Markov. p. 19.
Adriana Bellucci. p. 20.
Kammer, Katharina. - Different times; a story. p. 22.
Zhidkova, E. - Champion of truth. p. 25.
Paraguay, the faraway country. p. 26.
Popovskii, A. - Why Dzhot refused to take milk. p. 27.
Chirkov, Boris. - Actors' day off. p. 28.
Ofofinskii, Nikolai. - Butterflies. p. 28.
Ananian, Vakhtang. - Hunting stories. p. 30.
Blagosklonov, N. - Good morning. p. 31.

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Izvestiia [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Bulletin]. No. 1,(11), 1956.

Table of contents translated:

Loza, G.M. - Twentieth Congress of the Communist Party of the Soviet Union and tasks of the Academy. p. 5.
IAkushkin, I.V. - Ways of increasing corn yields. p. 15.
Trushin, V.F. - Factors of the antierosive effectiveness of buffer strips. p. 25.
Sdobnikov, S.S. - Using grass in crop rotations on deep clayey Chernozems. p. 33.
Dunin, M.S. - Some peculiarities of the pathogenesis of corn smut. p. 43.
Fedorov, M.V., Glavachkova, E.V. - Nitrogen-fixing activity of the nodule bacteria of alfalfa. p. 61.
Kostin, A.V. - Absorption of light by the leaves of field crops. p. 79.
Peterburgskii, A.V., and others. - Effectiveness of fertilizers in southeastern districts. p. 95.
Mershin, A.P. - Physical and chemical properties and crop-producing ability of virgin Chernozem and dark Chestnut soils of Akmolinsk Province, Kazakhstan. p. 117.
Panov, N.P. - Some classification problems and characteristics of soils of the southeastern Chesnut subzone. p. 135.
Georgievskii, V.I. - Studying the higher nervous activity of young cattle. p. 143.
Obukhova, A.D. - Experience in raising first calving cows of high productivity. p. 161.
Ektov, V.A. - Age variability of breastbone muscles of cattle at various feeding levels. p. 177.
Listov, P.N., Adolian, A.G., Komiagin, A.F. - Efficient method for paying out, lifting and laying the cable on electric tractors. p. 185.
Vil'iams, V.V. - Biosynthesis of polyprenic compounds in plants. p. 201.
Aleshin, S.N., Ivanov, A.N. - Thermographic analysis of clay minerals saturated with ions of aluminum and trivalent iron. p. 217.
Solntsev, A.I., Filatov, G.V. - Assimilation of $P^{32}$ from inorganic phosphate in milk casein. p. 227.
D'iakova, R.L. - Vegetation of meadows of the Moscow River Floodland in the territory of the "Novyi Put'" Collective Farm, Bronnitsy District, Moscow Province. p. 229.

tatoes may be stored in surface silos. p. 39.
Magnitskii, K.P. - Determining mineral requirements of plants. p. 42.
Shevshenko, S.I., and others. - Machines for gathering straw after combine harvesting. p. 45.
Oranskii, M.L., Deev, B.A. - New method for the electric heating of hotbeds. p. 49.
Iiskovich, IA.S. - Mechanized rural bakeries. p. 51.
The contribution of science to production. p. 54.
Ermolaev, P.V., IUdovich, M.M. - Harvesting in separate operations in areas served by leading machine-tractor stations. p. 56.
Gin'ko, G.M. - Using SK-2,6 ensilage harvesters. p. 59.
Ladygin, N.D. - Special advance payments. p. 61.
Rastsvetov, M.K., Soroka, A.M., Antipova, E.U. - How to calculate the cost of production on collective farms. p. 63.
Beliaushkin, IU.P., Chaplygin, V.A. - Remuneration of labor in mixed work groups. p. 67.
Minakov, N.A. - Simplify work records. p. 70.
Merzlikin, M.T. - Increase the production of pork ten times. p. 73.
Moldavskii, D.D. - High-producing farms in the steppes of Khakassia. p. 74.
Klimovich, A.A., Medvedev, V.I. - In spite of drought. p. 77.
Sokolov, I.A. - Useful experience. p. 80.
Medvedev, IU.E. - What we get from the utilization of virgin lands. p. 83.
Naumova, G.S. - Contrasts and indifference. p. 85.
What the conquerors of waste lands are concerned about. p. 87.
Klychnikov, V.M. - Reclamation of saline soils in China. p. 89.
Litvin, V.M. - Sorghum in the U.S.A. p. 91.
Zubarev, F.A. - General discussions instead of an economic analysis. p. 93.
New books. p. 95.

No. 8, Aug. 1956.

Table of contents translated:

Kolesnev, S.G. - A uniform method of land assessment is needed. p. 2.
Lyskin, N.F. - For a closer tie between economic science and production. p. 4.
Tiurin, I.V. - Unite the efforts of soil scientists. p. 6.
Loza, G.M. - What is hindering scientific research in institutions of higher education. p. 8.
Eichfeld, J.G. - Seven to eight thousand feed units per hectare. p. 10.
Davtian, G.S. - Make conditions suitable for scientific work. p. 11.
Naidin, P.G. - Without correct methods there cannot be any field experimentation. p. 13.
Novak, A.G. - The Far East must provide its own food and raw materials. p. 16.
Liubchenko, M.A. - Don't break away from the land. p. 18.
Potemkin, N.D. - Negligence in stockbreeding should not be tolerated. p. 19.
Milovanov, V.K. - Excellent method for the rapid improvement of the herd. p. 21.
Kott, S.A. - Harrowing fall-plowed fields is an important measure in controlling weeds. p. 22.
Shevchuk, T.N. - Seed-testing plots of the All-Union Institute of Plant Breeding. p. 25.
Persin, S.A. - Use of benzene hexachloride in controlling wireworms in sunflower fields. p. 27.
Mazharov, P.P. - New design for plows. p. 29.
Ushakov, A.F. - Harvest beets without losses. p. 31.
TSynkov, M.IU. - Calculating the cost of production. p. 36.
Blomkvist, B.L. - Productivity of labor and distribution. p. 40.
Todorov, K.V. - Our additions to regulations of the artel. p. 44.
Kondakov, V., Lavrinenko, V. - Increase personal interest in higher production. p. 47.
The contribution of science to production. p. 50.
Bakanov, V.N. - Experimental dairy farm. p. 52.
S. - Water supply on virgin lands. p. 53.
V. - What do 100 hectares of land mean?
V.M. - Two weeks with excursionists
Province. p. 59.
. - A new soil sampler. p. 64.
- Today and tomorrow in agricultural
p. 65.
S., Aleshin, V.S. - Atomic energy
ure. p. 68.
- Taking local conditions in considera-
M.M. - Diversified collective farm in
p. 74.
A. - Sunflower. p. 76.
N. - Study the soil. p. 80.
S. - For widespread sowing of certified
our articles. p. 84.
A. - Butterfat content of milk in Den-
5.
N.I. - Citrus fruit growing in Italy.
- Growth promoting substances used
in agriculture. p. 88.
K. - Movies and agricultural propa-

Natural Science Museum of the Academy of Sciences of the Uzbek S.S.R. p. 92.
Medvedev, IUl. - Searching for new ideas. p. 93.
New books. p. 95.

No. 9, Sep. 1956.

Table of contents translated:

For more livestock products and the problem of protein. p. 2.
Konstantinova, A.M. - Breeding for higher protein content. p. 4.
Borinevich, V.A. - Hay as a source of protein. p. 7.
Bolotov, K.D. - Hungarian vetch. p. 10.
Shain, S.S. - Perennial grass strips in crop rotations in steppe areas. p. 11.
Chikaliki, G.M. - New tillage practices in growing mangels. p. 14.
Dobrolubskii, O.K., Slavvo, A.V. - Trace element fertilizers in viticulture. p. 16.
Magnitskii, K.P. - Symptoms of magnesium deficiency in plants. p. 17.
Dranenko, I.A. - Increasing the protein content in green feeds. p. 19.
IAkimov, V.D. - What widespread testing of T.S. Mal'tsev's methods has shown. p. 21.
The contribution of science to production. p. 24.
Dokuchaev, V.M. - Institute follows a new course. p. 25.
Anikin, I.V. - Stripping after machine milking. p. 27.
Samgin, P.A. - Chemical control of willow thickets on pastures. p. 28.
We need an increase in production, not in the acreage of surface tillage. p. 31.
Babenko, A.S. - Radio dispatcher system. p. 34.
Tkachuk, G.I. - We are lowering labor costs. p. 37.
Shishkin, A.G. - Economic effectiveness of corn. p. 39.
Sokolov, V.A. - Raising meat-type swine is profitable. p. 41.
Kukin, I.P. - One woman milks 100 cows. p. 42.
Makarova, L.S. - Poultry section of a state grain farm in Altai Territory. p. 45.
Sushchevskii, M.G. - Experience of the Moscow Petroleum Refinery in heating greenhouses. p. 47.
Dresviannikova, D.F. - Groups of specialists at the All-Union Agricultural Exhibition. p. 50.
Significant dates. p. 52.
Creators of new working methods. p. 54.
Manuilov, E.A. - The new system needs support. p. 55.
Kogan, A.IA. - How to meet collective farmers' personal need for horses. p. 57.
Stefanovskii, I.A. - Potato growing in the German Democratic Republic. p. 58.
Linnik, E.F. - Granulated herbicides in the U.S.A. p. 60.
Genov, G.V. - Regional agricultural journals. p. 62.

POCHVOVEDENIE [SOIL SCIENCE]. Published by Akademiia nauk SSSR [Akademy of Sciences of the U.S.S.R.] Moscow, no. 6, June 1956.

Table of contents translated:

Kachinskii, N.A. - Making the mechanical analysis of soil more precise and classifying soils according to their mechanical composition [with French summary in insert]. p. 1.
Turchin, F.V. - Role of mineral and biological nitrogen in the agriculture of the U.S.S.R. [with French summary in insert]. p. 15.
IArkov, S.P. - Seasonal dynamics of some soil formation processes [with French summary in insert]. p. 30.
Glotova, T.V. - Organic matter of Chesnut and basin soils in arid regions of southeastern Russia [with French summary in insert]. p. 45.
TSerling, V.V. - Determining the potassium requirements of plants [with French summary in insert]. p. 59.
Tanov, E.N. - New medium-scale soil map for the People's Republic of Bulgaria. p. 72.
Rozov, N.N. - Principles of establishing a genetic soil classification system [with German summary in insert]. p. 76.
Ivanova, E.N. - General classification of soils [with French summary in insert]. p. 82.
Kiritsa, K. - Genetic classification of soils. p. 103.
Ostroumov, B.V. - Characteristics of Chernozem meadow soils in the Mayma Valley (Gorno-Altay Province) [with French summary in insert]. p. 110.
Laktionov, B.I. - Quality of published works. p. 125.
Letter to the editor from workers of the Scientific Research Institute of Cotton Growing. p. 127.
Kats, N.IA. - Work of the Committee of Swamp Research of the All-Union Society of Soil Scientists within the decade 1946-1955. p. 129.
Factors of soil formation, genesis and geography of soils. p. 134.
Soil mineralogy. p. 135.
Physical properties of soil and methods of research. p. 135.
Soil chemistry and methods of research. p. 136.
Biology and microbiology of soils. p. 136.
Soil fertility, fertilizers, and tillage. p. 138.
Soil improvement. p. 142.

Forest soil science. p. 143.
Soil erosion and its control. p. 143.
General works and the history of soil science. p. 144.

SEL'SKOE KHOZIAISTVO; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE; Systematical Index of Articles in Foreign Periodicals]. Published by Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature]. Moscow, no. 7(25), 1956.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Organ of Ministerstvo sel'skogo khoziaistva, Ministerstvo sovkhozov, and Ministerstvo vodnogo khoziaistva Kazakhskoi SSR [Ministry of Agriculture, Ministry of State Farms, and Ministry of Water Resources of the Kazakh SSR]. Alma-Ata, no.4, Apr. 1956.
Table of contents translated:
Editorial: Utilize potentialities for the increase of labor productivity on collective farms. p.1.
Lin'kov, A. - Let's make use of production potentialities of the collective farm. p.6.
Abramov, K. - Effectiveness of business accounting in machine-tractor stations of Akmolinsk Province. p.11.
Rosliakov, A., Umirzakov, A. - Lower the cost of milk production. p.16.
Rabinovich, N. - Growing corn on collective and state farms in the northern provinces of Kazakhstan. p.10.
Kirnos, G., Chuchko, N. - For correct application of Mal'tsev's soil cultivation methods. p.25.
Gabbasov, A. - Crop cultivation practices in the dry-farming areas of arid regions. p. 28.
Galitsev, A. - Corn cultivation practices in Eastern Kazakhstan. p.31.
Matveeva, V. - Corn diseases and their control. p.34.
Platakov, N. - Raising fine-wool sheep in Western Kazakhstan. p.37.
Kritskaia, A. - The milk yield has been increased four times. p.41.
Polovitskii, I., Gossen, E. - Growing annuals for hay in Northern Kazakhstan. p.44.
Dzhakupov, T. - A better supply of potatoes, vegetables, and milk for the city of Pavlodar. p.47.
Rauz, S. - Progressive variety testing station. p.50.
Kaplina, G. - Greenhouse management in Kazakhstan. p.55.
Eighteen pamphlets on corn. p.59.
Discussion of labor productivity in agricultural journals. p.61.

SEL'SKOE KHOZIAISTVO ZA RUBEZHOM; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [AGRICULTURE ABROAD; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 2, no. 6, 1956. (DA)

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO [SOCIALIST AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 27, no. 6, 1956.
Table of contents translated:
Spivak, M. - System of agriculture in the Ukraine. p.3.
Kutikov, S. - Economic evaluation of forage crops. p.15.
Obukhovskii, V. - Improve economic training of agricultural specialists. p.27.
Ishchenko, V. - Methods of planning with regard to productivity. p.33.
Bolchuk, V. - Lowering expenditures per centner of production. p.36.
Kolosov, M. - Problems in the system of labor and wages on collective farms. p.42.
Khludenev, A. - System of wages based on the expenditures per unit of production. p.47.
Larionov, K. - Determining and calculating the cost of production on collective farms. p.51.
Azarin, G. - Conditions determining the location of collective farm sections. p.61.
Rogov, A. - New system of organizing labor; exchange of experience. p.69.
Vlasov, N. - Subject and tasks of the discipline "Organization of socialist agricultural enterprises." p.76.
Chuvikov, V. - In the agricultural cooperatives of Poland. p.90.
Kotesov, N., Moiseenko, P. - Work practices on the Dimitrov Collective Farm. p.95.

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sovkhozov SSSR [Ministry of State Farms of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
Make wide use of over-all mechanization in animal husbandry. p.3.
Il'ichev, A.K., Doroshenko, IA.M. - Some problems in increasing the productivity of labor on Kuban state farms. p.7.
Pankrat'ev, G.V. - Urgent economic problems in poultry husbandry on state farms. p.11.
Dobrovol'skii, V.A. - Eight man-hours for each centner gain of pork. p.14.
Vasil'ev, D.G. - Calculating the cost of production in agriculture on state farms. p.19.
Readers' response to the article "Methods for calculating labor productivity on state farms." p.24.
Bread from virgin lands. p.28.
Deslatov, V.G. - What has been gained from the use of T.S.Mal'tsev's tillage and sowing systems. p.31.
Filatov, N.A. - Carry out fall work on sheltered ground in an exemplary manner. p.35.
Kamshilov, N.A. - Achieve a sharp rise in the production of fruit, berries, and grapes. p.39.
Shmanenkov, N.A., Taranov, M.T. - Chemical preservation of feed. p.46.
Cherchenko, P.V. - Let's make use of productive capacities to increase the production of pork. p.51.
Plegontov, A.N., Shvabe, A.K., Beliaev, M.N. - Twice-a-day milking of cows producing over four thousand kilograms of milk. p.55.
Nemtsov, B.A. - Flagrant violation of zootechnical and veterinary principles on the "Nosovichi" State Farm. p.59.
Kolos, I. - Advantages of over-all mechanization in animal husbandry. p.60.
Aliev, I.S., IArovenko, V.V. - Effective antierosion tillage method. p.63.
Ambrosov, P. - Repairing tractors according to a year-round schedule. p.66.
Scientific and practical news. p.68.
News about agricultural practices and equipment abroad. p.76.
Book reviews and bibliography. p.79.

TEKHSOVETY MTS [TECHNICAL ADVICE TO MACHINE-TRACTOR STATIONS]. Published by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 17, no. 12, June 1956.
Table of contents translated:
Tryndin, I, Erkaev, A. - C-6 grain-harvesting combine. p.1.
Erkaev, A., Eroshkin, I. - Tractor-mounted tillage implements and the effectiveness of their use. p.5.
Gerasimov, S. - New tractor-mounted agricultural machines in England. p.10.
Elenev, A. - Analysis of labor expended in putting up silage. p.13.
Shamaev, G. - SNT-2,1 beet loader (text for cover drawing). p.16.

Vol. 17, no.15, Aug. 1956.
Table of contents translated:
Zhigunov, A., Reisler, IU. - Greater efficiency in harvesting vegetables. p.1.
Gerasimov, S. - Simple machines for harvesting potatoes. p.4.
Kulik, M. - Electric fence. p.7.
Emelina, M. - Ensilage of potatoes in Poland. p.11.
Marakhtanov, K. - ZPM-1,5 portable grain dryer (text for cover drawing). p.14.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I.LENINA. Doklady [ALL-UNION LENIN ACADEMY OF AGRICULTURAL SCIENCES. Reports]. Moscow, vol. 21, no. 7, 1956.
Table of contents translated:
Lobanov, P.P. - Urgent tasks in agriculture. p.3.
Belen'kii, N.G. - Problem of producing blood substitutes from the blood of farm animals. p.11.
Sokolovskaia, I.I., and others. - Improved medium for the semen of farm animals. p.17.
Ognev, I.M. - Applying organic and mineral fertilizer mixtures to corn. p.25.
Krutikova, L.P., Lesik, B.V. - Retting hemp bast using a bacterial starter. p.30.
Penskoi, I.K. - Problem of determining the effective range of drain pipes. p.36.
Gin'ko, G.M. - Method for evaluating the quality of threshing of grain and oilseed crops in a system of homogenous coordinates. p.41.

Vol. 21, no. 8, 1956.
Table of contents translated:
Belen'kii, N.G., and others. - Diffusion of radioactive methionine ($S^{35}$) in proteins of various organs and tissues of cattle and rabbits. p.3.
Gurevich, R.M., IAkovleva, A.G. - Immunity in sheep following brucellosis. p.7.
Borisenko, G.A. - Checkrow planting of potatoes on ridges. p.12.
Mikhailenko, E.A. - Practice in cultivating fall-plowed fields for sugar beets. p.17.
Kudashev, I.S. - Effect of phosphorobacterin on yields and protein content of winter wheat, corn and soybeans. p.20.
TSvetaeva, E.M. - Effect of organomineral granules on cabbage yields in northern districts. p.24.
Vlasiuk, P.A., Dobrotvorskaia, K.M., Gordienko, S.A. - Activeness of urease in the rhizosphere of agricultural plants. p.28.
Shkliar, M.Z. - Effect of aerobes on the activeness of Clostridium Pasteurianum in mixed cultures. p.32.
Gorlenko, M.V., Shneider, IU.I. - Summer seeding as means of controlling bacterial pustule in beans. p.38.
Melsakhovich, IA.A. - Mast spraying of fruit trees. p.41.
Dement'ev, P.F. - Utilizing production potentialities in irrigation farming. p.45.

Vol. 21, no. 9, 1956.
Table of contents translated:
Grozin, V.F., Noskov, A.I. - Use of antibiotics in gastrointestinal diseases in young pigs and dysentery in hogs. p.3.
Perov, S.S. - Initial analytic methods for studying animal proteins. p.7.
Sytina, M.V. - Studying the absorption of oxygen by ovicells and zygotes in rabbits. p.11.
Kaplan, L.E., Fel'dshtein, M.A. - Effect of parental protein injections on the healing of wounds. p.14.
Koslinskii, V.S. - Effectiveness of sainfoin fallows in the central and northeastern regions of the Kuban. p.21.
Smirnova-Ikonnikova, M.I., Mukhina, N.A. - Feed value of bird's-foot trefoil. p.24.
Riabova, A.N. - Setting of cherries following pollinating with pollen of varieties with good fertilization capacities. p.29.
Tymko, M.M. - Walnuts in shelterbelt zones of Moldavia. p.32.
Mirimanian, V.A. - Some physiological and biochemical characteristics of frost resistance of citrus trees. p.36.
Chumaevskaia, M.A. - Pathogen of tuberculosis in oleanders in the U.S.S.R. p.40.
Nalivaiko, G.S., Romeiko, I.N. - Increasing the effect of fertilizers when applying certain rhizosphere bacteries. p.43.

b) ANIMAL INDUSTRY

KONEVODSTVO [HORSE BREEDING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 29(101), no. 7, July 1956.
Table of contents translated:
IAkovlev, A. - Economical effectiveness of draft horses on small plots of land. p.1.
Blazhkovich, F. - Tasks of state horse-breeding farms. p.6.
Solun, A. - Outstanding scientist Academician Aleksandr Aleksandrovich Bogomolets; on the 75th anniversary of his birth. p.10.
Bogdanov, T. - Pochinki Stud Farm. p.13.
Sorokina, I. - Characteristics of the higher nervous activity of Russian trotters. p.16.
Velichkin, P., Motokanov, N. - Controlling helminthiases in horses with small doses of phenothiazine. p.20.
Seregin, I., Volkov, D. - Work at the Piryatin State Breeding Station. p.22.
Kobets, I. - Raising pedigree horses on the collective farms of the area served by the Kirovograd State Breeding Station. p.27.
Kryzhitskaia, L. - Before the sports festival of the peoples of the U.S.S.R. p.30.
Gavrikov, D. - Running of the great winter races on our country's tracks. p.32.
Georgievskii, K. - Training and trials for trotters on the Kazan track. p.35.
Avdeev, V. - Challenge cup of the Moscow State Track for horsemen. p.38.
Rogo, N. - On somebody else's horse. p.41.
Pluzhnikov, A. - Answering the letter of a senior zootechnician, comrade Chernyshev. p.44.
Soldatkin, M., Zybin, V. - On the collective farms of Uzbekistan. p.45.
Shmeleva, P. - My work practices in raising horses of the Vladimir breed. p.46.
Grigorii IAkovlevich Azhazha; obituary. p.47.
G.D. Lazarchenko; obituary. p.47.

tion among collectives. p. 8.
Dediulin, N. - Advantages of dairy combines. p. 12.
Pekhota, I. - Eliminate unnecessary sections. p. 13.
Abolmasov, G. - Operation of pasteurizing apparatus. p. 15.
Beliaev, A. - Development of cheese making in Stanislav Province. p. 19.
Kopytov, F. - At cheese-making plants of the Lustroma Trust. p. 23.
Arf, S. G. - Refrigeration of milk and cream by water during the accumulation of ice. p. 25.
Protsenko, A. - Device for condensing steam escaping from the separator. p. 27.
Khmelev, A. - New dairy products. p. 29.
IAkovlev, K. - Journal - order form of bookkeeping. p. 32.
Mazokhina, N. - Buttermilk dietetic products. p. 35.
Zhitov, S. - Production of dried milk consisting of solid particles. p. 36.
Protsenko, A. - "Kupral," a remedy against mold. p. 37.
Medvedev, S. - Cream refrigerator. p. 38.
Dubinskii, R. - Morphological changes in bacteria under the effect of Bacillus acidophilus. p. 39.
Vediashkin, P., Kotov, IU. - Paraffintization of cheese trays. p. 40.
Makharina, P. - Suggestions of efficiency promoters. p. 41.
Samsonov, N. - Use of yeast in buttermaking. p. 41.
Pravon, E. - Work experience of the enterprises of the Estonian S.S.R. p. 42.
Consultation. p. 43.
Bibliography. p. 45.
From foreign journals. p. 46.

MOLOCHNOE I MIASNOE ZHIVOTNOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, no. 3, May 1956.

Table of contents translated:

Let's fulfill the tasks of the sixth five-year plan ahead of time. p. 1.
Emel'ianov, A., Kosyreva, A. - Work practice in obtaining even milk yields the whole year long. p. 6.
Zarkevich, A. - Urgent tasks in beef cattle breeding. p. 15.
Kvitko, A. - Using all capacities for beef production on the collective and state farms of Kirghizia. p. 19.
Blazhuk, M. - At the Khmel'nitskiy stock-fattening yard. p. 24.
Tanchenko, S. - Let's fulfill the five-year plan in one to two years. p. 25.
Smelov, S., Minina, I. - Take into account zonal characteristics when improving meadows. p. 29.
Solov'ev, B. - Sorghum is an important source for increased feed production. p. 34.
Babin, IA., Elpat'evskii, D. - Corn silage and its use. p. 41.
Nikiforov, P. - Breeding Ala-Tau cattle. p. 46.
TSynkov, M. - Production cost of milk. p. 50.
Karmishin, A. - New windmills for the mechanization of heavy farm work. p. 56.
Beskhlebnov, A. - Unfounded recommendations. p. 61.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT OKHOTNICH'EGO PROMYSLA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE HUNTING INDUSTRY. Transactions]. No. 16, 1956. Voprosy biologii pushnykh zverei [Problems in the biology of fur-bearing animals].

Table of contents translated:

Kiris, I. D. - Migration of squirrels in the U.S.S.R. p. 3.
Danilov, D. N. - Ways of increasing the productivity of hunting grounds in the forest zone of Eastern Siberia. p. 42.
Semenov, B. T. - Aerial survey of elks based on spoors. p. 72.
Lavrov, N. P. - Characteristics and causes of the continuous decrease in the ermine population of forest-steppe and steppe zones of the U.S.S.R. p. 89.
Okolovich, A. K. - Present state and prospective development of commercial hunting on collective farms. p. 108.
Zaleker, V. L. - Materials on the reproduction and age of sables under natural conditions. p. 122.
Popov, A. P. - Organizing commercial hunting as a branch of collective farming. p. 145.
Kolosov, A. M., Shibanov, S. V. - Distribution of fur-bearing animals in the southern forest-steppe zone of the European U.S.S.R. p. 153.
Fomicheva, N. I. - Types of helminths infesting river beavers in the White Russian S.S.R. p. 168.
Rukovskii, N. N. - Present distribution of Altai squirrels (Sciurus vulgaris altaicus)in the Caucasus. p. 175.
Oribova, Z. A. - Materials on the breeding of pine martens in Vologda Province. p. 181.
Cherkasskii, E. S. - Results of using polyvalent embryovaccine and experience in preparing dry vaccine for preventing plague in carnivores. p. 188.
Obituary. p. 190.

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R. management]. Moscow, no. 8, Aug. 1956.

Table of contents translated:

Honorable duty of game management specialists. p. 3.
Conference of game management workers. p. 6.
Morozov, P. - How we instruct young hunters. p. 11.
Koniukhovich, A. - New Government standard for red fox furs. p. 12.
Tamman, S. - In forests near Tula. p. 13.
Tikhonov, F. - Protecting salgas. p. 15.
Paramonov, B. - Tent with an awning-like extension. p. 16.
Chernovolenko, I. - Hunting from airplanes. p. 17.
Bulko, N. - Shooting wolves at the bait in summer. p. 17.
Dement'ev, G. - The flight of birds. p. 18.
Ishunin, G. - Persian gazelles. p. 21.
Kumari, E. - Matsalu Game Preserve. p. 24.
Zaleker, V. - How sables multiply and what they feed on under natural conditions. p. 25.
Kurbatov, V. - What grey partridges feed on. p. 26.
Krainev, V. - Restoring the population of deer in the Ukraine. p. 27.
Aleksandrov, V. - Bisons in the Caucasian Preserve. p. 27.
Feeding wild animals. p. 28.
Petrov, V., Ezhov, A. - Gordon setters. p. 30.
Golovkov, A. - Introduce Eskimo dogs in districts of Altai Territory. p. 33.
Shapatin, A. - The Leningrad Dog Show. p. 33.
Cherkai, S. - New aspects in the standardization and manufacture of cartridges and their parts. p. 34.
Varenyshev, IU. - Hunting canoe. p. 37.
Tokarev, A. - Improve the quality of hunting equipment. p. 38.
Matov, Vladimir. - Vernyi. p. 39.
Tushkan, Georgii. - A mad dog. p. 45.
Smeu, Konstantin. - Uncle Miron. p. 50.
Smirnov, N. - Nature and hunting. p. 53.
Manullov, P. - "Stories of a naturalist." p. 53.
Utkov, V. - Good luck! p. 54.
Eregden-Dagva, D. - Hunting in Mongolia. p. 55.
Kadlec, Bedřich. - Letter from Czechoslovakia. p. 58.
Grave, N. - For better management in dog keeping. p. 58.
Kozlov, L. - It happened on a hunting trip. p. 59.
Veselovskii, S. - Spring without shooting. p. 59.
Pashkov, V. - Lake Chelkar as a game preserve. p. 59.
Vishnevskii, T. - Under reliable protection. p. 60.
Nikso-Nikochio, N. V. - Pay more attention to game management. p. 60.
Zharov, V. - Future game management workers. p. 60.
IAkushev, M. - Elks in the steppe. p. 60.
Answers to readers' questions. p. 63.
Turov, S. - Calendar for hunters. p. 64.

No. 9, Sep. 1956.

Table of contents translated:

Let's use the taiga for commercial hunting. p. 3.
Koinachenok, M. - Make use of new hunting grounds. p. 5.
Kalnin'sh, A. - Reorganize hunting. p. 7.
Ingor, M. - Preparation for the test on minimum requirements for hunters. p. 8.
Krainev, E. - Planting for shelter and food. p. 10.
Spangenberg, B., Lepikhin, A. - Zavidovskii game preserve. p. 11.
Aspisov, D. - Hunting grounds of the Kuybyshev Reservoir. p. 14.
Goremykin, Z. - The first requirement. p. 15.
Kulikov, K., Urmanov, K. - Results of prohibiting spring hunting. p. 16.
Shereshevskii, E. - The oldest game manager. p. 17.
How we hunt foxes. p. 18.
Destroy wolves. p. 20.
Kochetkov, N. - Roadside signs. p. 21.
Taking care of animals. p. 22.
Bibikov, D. - Marmots. p. 23.
Lebedeva, M. - Life span of birds. p. 26.
Larionov, V. - Raise pigeons. p. 29.
IAkovlev, P. - A traveling duck. p. 30.
Dement'ev, G., Shaposhnikov, L. - International meeting on the conservation of natural resources. p. 31.
Demin, V., Ezhov, A. - Moscow Dog Show. p. 34.
Kazanskii, V. - Long-haired borzois of the central zone. p. 36.
Protasov, B. - Training hunting dogs. p. 38.
What kind of vessel should be used to feed dogs. p. 39.
Tokarev, N. - Sporting gun of a new design. p. 40.
Guns at the exhibition. p. 42.
Markevich, V. - The kind of percussion caps we need. p. 43.
Cartridge cases. p. 44.
Filenko, F. - Encounter on the highway. p. 45.
Chernomortsev, Lev. - In the winter hut. p. 46.
Mashkov, IA. - In Yugoslavian mountains. p. 49.
Lisovskii, K. - Yeloguy pathfinders. p. 51.
Romanov, A. - An unusual incident. p. 53.
Milenushkin, IU. - "Hunting grounds." p. 54.
Osipov, P. - A book for young hunters. p. 55.
Kholostov, V. - Durability of guns. p. 55.
Advice for fishermen. p. 55
Vitruk, A. - Hunting in Rumania. p. 56.
Letters to the editor. p. 59.
Brief news. p. 62.
Answers to readers' questions. p. 63.
Stopping place. p. 64.

OVTSEVODSTVO [SHEEP BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.

Table of contents translated:

Tasks of science in the field of sheep raising. p. 1.
Stepanov, D. G. - Organizing the production and procurement of wool on the collective farms of the Ukrainian S.S.R. p. 3.
Bal'mont, V. A. - Raising fine-fleeced dual-purpose sheep in Kazakhstan. p. 9.
Kapatsinskaia, A. A. - Raising dual-purpose sheep on the collective farms of Gorkiy Province. p. 15.
Katlaps, M. A. - Unused capacities in breeding dual-purpose sheep in the Latvian S.S.R. p. 20.
Druzhen'kov, G. I. - Results of crossbreeding French Merino x Kurdiuk ewes with Lincoln rams. p. 20.
Peunkov, S. I. - What we have gained from the new system of keeping sheep. p. 33.
Alekseev, M. A. - Postharvest crops are an additional source of green and succulent feeds. p. 35.
Tyrlovoi, N. A. - Green corn in feeding dual-purpose lambs. p. 37.
Parakin, V. K. - Pulmonary diseases of lambs in the Sal'sk Steppe zone. p. 41.
Kirsanov, I. P. - Effective remedy against helminthiasis in sheep. p. 45.
Akramovskii, M. N., Egorov, IU. G., Bashkirtseva, E. V. - Calcium arsenate in the montezinosis of lambs. p. 46.
National school of progressive work practices. p. 47.

PCHELOVODSTVO [APICULTURE]. Organ of Ministerstva sel'skogo khoziaistva SSSR i RSFSR [Ministries of Agriculture of the U.S.S.R. and of the R.S.F.S.R.]. Moscow, vol. 33, no. 9, Sep. 1956.

Table of contents translated:

For further development of beekeeping on collective and state farms of the R.S.F.S.R. p. 3.
Nuzhdin, A.S. - Consider more carefully the economic aspects of beekeeping. p. 6.
Tiunin, F.A. - Increasing the productivity in apiaries. p. 10.
What beekeepers write about increasing labor productivity in apiaries. p. 14.
Mikheev, V.M. - Records on total and marketable honey. p. 16.
Dimitrov, I.I. - Beekeeping is a neglected branch of agriculture in Moldavia. p. 18.
Proper organization of wintering is the basis for profits from beekeeping. p. 20.
Korlakov, F.M. - My observations concerning the wintering of bees. p. 22.
Vostrikov, N.I. - A well-built upground winter repository guarantees good wintering of bees. p. 24.
Preparing bees for wintering. p. 25.
Taranov, G.F. - Keeping hybrid colonies. p. 28.
Shcherbina, P., IAkubovskii, N., Mal'tsev, P. - Can advanced practices in beekeeping be propagated in that way? p. 34.
Gubin, A.F., Pankratova, E.A. - Individual characteristics in the behavior of bees and controlling bees during the pollination of plants in summer. p. 39.
Kuranno1, N.M., Ankinovich, G.B. - Bees and the seed quality of acorns. p. 43.
Mikhailov, I.M. - How to prevent the flight of bees when moved short distances. p. 47.
Spitskii, E.N. - Honey extractor of a new design. p. 47.
Sotnikov, A.P. - Drying unfinished sections. p. 49.
Golovchenko, T.A. - Moving bees in packing cases. p. 49.
Porinykh, V.I. - More about extensible hives. p. 50.
Kil'kanov, V.M. - Adobe hives. p. 51.
European dewberry. p. 52.
Gubina, T. - Beekeeping equipment and mechanization of work in apiaries of the U.S.A. p. 53.
Zalesskii, IU.M. - Book on the importance of bees in medicine. p. 57.
Martynov, P.V. - On the book "Journey to the land of nectar." p. 58.
New books on beekeeping. p. 60.
In the Ministry of Agriculture of the R.S.F.S.R. p. 61.
Koriagin, N.A. - Beekeeping at the Chita Province Exhibition. p. 61.
Piliniuk, K.S. - Circle of young beekeepers. p. 62.
Chmel', V. - Take into consideration the nectar yield when breeding sunflowers. p. 63.
Just where can you buy smokers? p. 63.

Vol. 33, no. 10, Oct. 1956.

Table of contents translated:

Give more attention to bee culture. p. 3.
Kudinov, I.A. - Work practices in the apiary of the "Krasnyi Partizan" Collective Farm in Omsk Province. p. 6.
Taranov, G.F. - First results in creating a bee strain of higher productivity. p. 10.
Bataiov, F.S. - Keeping bees in multistoried hives. p. 14.
Zalesskii, IU.M. - Ancestors of the bee. p. 19.
Tusiumalova, N. - Nature of the orientation flight of bees. p. 26.
Lovenots, I. - Observations on the driving out of drones. p. 28.

VETERINARIIA [VETERINARY MEDECINE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 33, no. 9, Sep. 1956.

Table of contents translated:

Production and procurement of wool should be promoted in every possible way. p. 3.
All-Union conference of agricultural scientific workers. p. 8.
Chernyshev, V. - The level of scientific research in veterinary science should be higher. p. 12.
Volikov, P., Zhilanov, I. - Veterinarians must have a knowledge of technology. p. 16.
Bazhenov, S.V. - Tasks of veterinary toxicology for the sixth five-year plan. p. 20.
Potapov, D.I. - Elimination of tuberculosis among animals. p. 23.
Fedoseev, V.S. - Eliminating tuberculosis among chickens on poultry farms. p. 26.
Geldeko, A. - Efficiency experts of the Stavropol Biological Products Plant. p. 30.
Kvesitadze, I.F. - Bacteriophage against paratyphoid fever and colibacillosis in calves. p. 32.
Ivanova, V.I. - Use of a dry antituberculosis vaccine from strain 19. p. 34.
Ovsianov, N.I. - Effectiveness of biomycin in paratyphoid fever in calves. p. 36.
Reshetniak, V.Z., and others. - The tick Hyalomma scupense p. sch. as a vector of the pathogen of anaplasmosis in cattle. p. 39.
Popov, V.G. - Etiology of "fall" necrobacillosis in reindeer. p. 40.
Garkavi, B.L. - Testing lead arsenite for the treatment of monieziosis in sheep. p. 41.
Ostroukh, N.P. - Canned tomatoes in infectious colds and laryngotracheitis in chickens. p. 42.
Bazhanov, N.S. - Furunculosis in horses in Arctic regions. p. 43.
Komarova, O.I. - Therapeutic effect of sapropel. p. 46.
Kudinov, K.L. - First aid kit for emergency veterinary services. p. 49.
Litvinov, A. - A lamb with four heads. p. 51.
Dedash, V.G. - Industrial and veterinary inspection at the Moscow Mikoian Meat Combine. p. 52.
Karazin, A.A., Kryshchenko, I.F. - Moscow city veterinary health station. p. 56.
Troitskii, I.A., Kharitonova, V.M. - Mechanized cleaning of the skin of cattle. p. 60.
Kosarev, V.A. - Effect of growing corn and onion on the anthrax bacillus. p. 66.
Golubev, N.D. - Localization and elimination of the hoof-and-mouth disease by daily disinfection. p. 68.
Ostroukh, N.P. - Poisoning of ducks by belladonna seeds. p. 69.
Kovalenko, IA.R., IUskovets, M.K. - Results of the work of the 24th session of the International Epizootical Bureau. p. 70.
Koropov, V.M. - P.N. Kuleshov's works in veterinary medicine. p. 80.
Polykovskii, M.D. - Article on "Crowfoot poisoning showing clinical aspects of a bradsot-type disease." p. 85.
In the Ministry of Agriculture of the U.S.S.R. p. 87.
In the Scientific and Technical Council of the Ministry of Agriculture of the U.S.S.R. p. 90.
In the Soviet Union. p. 93.

Vol. 33, no. 10, Oct. 1956.

Table of contents translated:

Promote an increase in milk production in every possible way. p. 3.
Shishkov, V.E. - Veterinary services to communal stockbreeding of the Russian Federative Republic should be brought up to the level of present-day tasks. p. 7.
Spiridonov, F.M. - Veterinary workers should pay more attention to the problem of feeding animals. p. 11.
Specialists in veterinary medicine, active members and correspondence members of the All-Union Academy of Agricultural Sciences. p. 14.
Kozhin, P.E. - Improve the quality of feeding stuffs. p. 16.
Krasnovidov, L.N. - Present-day forms of veterinary services to stockbreeding. p. 19.
Higher veterinary education through correspondence courses. p. 22.
V.S. - Khotin District veterinary hospital. p. 23.
IAkovlev, S.K. - The work of a veterinary section. p. 24.
Butyrina, P.S. - Eliminating tuberculosis in poultry at the Irtyshskii State Farm. p. 29.
Popov, B.V., Abakin, S.V. - Mass vaccination of sheep against brucellosis with dry brucellosis vaccine from strain no. 19. p. 33.
Sofiev, B.I., and others. - Dry brucellosis vaccine from strain no. 19. p. 40.
Savich, B.M., Morozov, A.G. - Large-scale vaccination of sheep with dry brucellosis vaccine from strain no. 19. p. 44.
Prudeniov, N.A. - Efficient methods of inoculating sheep against brucellosis. p. 48.
Ivashkov, I.S. - Testing chlorophos in parascariasis in horses. p. 51.
Mutovin, V.I. - Etiology and epizootology of foot rot in sheep. p. 53.
Pokudin, A.A., Shakhotin, N.G. - Infectious vaginitis in sheep. p. 57.
Stepanishcheva, Z.G. - Trichophytosis of the claws in a rabbit. p. 59.
Gadzhiev, K.Sh. - Acute fasciollasis in the Mugan Lowland in the Azerbaijan S.S.R. p. 61.
Alikaev, V.A. - Prevention of noninfectious diseases in animals which are kept in stalls during the winter. p. 62.
Kolesov, A.M., Gorbelik, R.V., Dement'ev, I.L. - Alimentary ketonuria in pregnant ewes. p. 68.
Legantseva, V.I., Tronin, A.A., Silin, S.I. - Prevention of pulmonary diseases in sheep. p. 71.
Chebotarev, I.T. - Mechanism of air expulsion in coughing. p. 73.
Fedotov, N.S. - Stand for hoofs in electrotherapeutics. p. 75.
Preobrazhenskii, O.N. - Comparative rating of surgical and biological methods of castrating pigs. p. 76.
Abstract. p. 77.
Troitskii, I.A. - Increasing the wool productivity of sheep is an important task of veterinary workers. p. 78.
Moroz, D.S. - Center for artificial insemination of cows servicing several collective farms. p. 80.
Teliakov, R.N. - M.P. Tushnov's histolysates in swine breeding. p. 82.
Sidorov, P.G. - Poisonous properties of hay containing Nasturtium brachycarpum. p. 83.
Abstract. p. 85.
Flegmatov, N.A., Malinin, K.M. - New material on the history of veterinary education. p. 86.
In the Ministry of Agriculture of the U.S.S.R. p. 90.
In the Soviet Union. p. 93.

ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.

Table of contents translated:

Immediate problems in pedigree work. p. 1.
Esaulov, P.A. - Tasks in the development of sheep breeding in the principle natural economic zones of the U.S.S.R. p. 5.
Shain, S.S. - Increasing crop yields of perennial grasses. p. 14.
Sokolovskaia, L.I., and others. - Improved synthetic medium for the semen of bulls and rams. p. 22.
Eisner, F.F. - Progeny rating of bulls. p. 33.
Pakhtusov, Z.I. - Jersey cattle to improve butterfat production. p. 43.
Annenkov, B.N. - Use of the radioactive $CA^{45}$ isotope for studying calcium metabolism in animals. p. 54.
Zakharova, F.V. - Studying the action of chlorophyll in the animal organisms by means of tagged atoms. p. 61.
Fedii, E.M. - Feeding rate for cattle. p. 66.
Karepin, S.A. - Additional source of meat. p. 69.
Dement'ev, A.V. - Amur Valley limestone and its use in animal husbandry. p. 74.
Miuge, S.G. - Pasture poisoning and chemical means of controlling poisonous plants. p. 75.
Luchkevich, S.G. - Hand silage hoist. p. 79.
Chernenko, N.G. - Milking parlor on the Makarova Collective Farm. p. 80.
Orlov, V.I. - Conference of readers of "Zhivotnovodstvo." p. 83.
Solov'ev, A.A. - Some data on animal husbandry in the Polish People's Democracy. p. 84.
Startsev, D.I., Grudev, D.I. - Transactions of the Scientific Research Institute of Animal Husbandry of the Kazakhstan Branch of the All-Union Lenin Academy of Agricultural Sciences. p. 92.

## c) FORESTRY

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Ministerstvo lesnoi promyshlennosti SSSR [Ministry of Forest Industries of the U.S.S.R.]. Moscow, vol. 34, no. 9, Sep. 1956.

Table of contents translated:

Mechanized preliminary operations in logging. p. 1.
Kishinskii, M.I. - Hauling logs by truck trailer on ice roads. p. 4.
Slundiukov, Kh.Kh., Trusov, V.P. - Train for preliminary and auxiliary operations on log-hauling railroads. p. 8.
Vashliaev, F.V., Kotov, N.A. - Year-round construction of log roads. p. 11.
Rakhmanov, S.I. - Using stationary units for bucking tree-length logs. p. 13.
Tatarinov, V., and others. - Modernized K-7 crane. p. 14.
Sazonov, R.M. - Using E-505 crawler cranes for loading logs. p. 18.
Savinov, M.A. - Handling tree-length logs at timber transshipment bases. p. 20.
Prokhorov, I.K. - Hardboard. p. 24.
Senchurov, K.T. - Lumber industry and export in Canada. p. 28.
Novosel'tsev, N.V. - Lowering the amount of labor expended in preliminary and auxiliary operations in logging camps. p. 30.

## d) PLANT CULTURE

KHLOPKOVODSTVO [COTTON GROWING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 6, no. 8, Aug. 1956.

Table of contents translated:

Put all efforts into the struggle for high yields of cotton. p. 1.
Increase the role of Soviet science in agriculture. p. 5.
IUsupov, I. - Prospects for developing cotton growing in Kazakhstan in the sixth five-year plan and tasks of cotton growers of the republic in the current year. p. 9.
Menlakhmetov, Z. - How we struggle for early fulfillment of tasks of the sixth five-year plan in agriculture. p. 12.
Bekmuradov, K. - Cross cultivation is a means of lowering work expenditure in cotton growing. p. 16.
Nagibin, IA., Ponomarenko, A., Germil, D. - Experiments with deep subsoiling in Tajikistan. p. 19.
Mauer, F., Abramova, L. - New solutions for preharvest defoliation of cotton. p. 24.
Straumal, B. - Basic methods in cotton breeding. p. 28.
Borisov, G. - Results of experiments with new cotton varieties. p. 33.
Derbaremdikor, D. - Some problems in the preparation for the machine harvesting of cotton. p. 39.
Ibragimov, A. - Consolidation of tractor groups. p. 44.
Depta, N. - What our constructors are working on. p. 46.
Glavinic, Ruzica. - How the new cotton variety "Makedonka" was developed in Yugoslavia. p. 52.
Prugalov, A. - Use of herbicides in cotton plantings in the United States. p. 57.
Mikhailov, M. - "Egyptian cotton." K.G. Brown. p. 60.
Information. p. 63.
Brief news. p. 64.

KUKURUZA [CORN]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 1, no. 2, May 1956.

Table of contents translated:

Editorial: Give timely and careful attention to corn plantings. p. 1.
Spivak, M.S. - Ukrainian collective farms are striving for high corn yields. p. 5.
TSitsin, N.V. - Corn at the All-Union Agricultural Exhibition and prospects for growing corn in the U.S.S.R. p. 10.
Sokolov, B.P. - Organized production of hybrid seed corn. p. 16.
Nezhivoi, A.P. - Our experience in growing hybrid seed. p. 22.
Kalinin, M.S. - Let's develop new high-yielding hybrids. p. 25.
Filev, D.S. - For progressive cultivation practices on hybridization plots. p. 29.
Mironov, A.K., Korolev, G.O. - Care of corn plantings in Stavropol. p. 33.
Vanin, D.E. - What we gained from growing corn on the collective farm. p. 38.
Dugin, A.A., IAkushev, N.F. - Special problems in growing corn on the "Vpered k Kommunizmu" Collective Farm in Ramenskoye District, Moscow Province. p. 41.
Abidokova, M.M. - Communist Youth League crew obtains high yields of corn. p. 46.
Solov'ev, B.F. - Sow more corn on stubble. p. 47.
Vashadze, G.G. - Our experience in growing corn on stubble. p. 50.
Borovskii, V.A. - Corn in Alma-Ata Province. p. 52.
Shapiro, I.D. - Control of wireworms in corn plantings. p. 54.
Dindeciiko, N.P. - Use of baits on controlling corn pests. p. 55.
Shovchenko, F.P. - Tetramethylthiuram disulfide, a new compound for controlling fungus diseases in corn. p. 56.
IUrka, P. - Growing corn in Latvia. p. 58.
Mush, N.N. - Growing corn on green manure fallows. p. 59.
Vishniakova, N.M., Zhukova, R.A. - Using peat in organomineral fertilizer mixtures. p. 59.
Kurochkin, A.V. - Ninety-four centners of ear corn to the hectare. p. 60.
Monakov, P.F. - Sixty centners of shelled corn to the hectare. p. 61.
Using lines with sterile pollen in hybrid seed production. p. 62.
How fertilizers affect corn yields. p. 62.
Using liquid fertilizers. p. 62.
New books. p. 63.

Vol. 1, no. 3, June 1956.

Table of contents translated:

Pugachev, P.I. - District-wide sowing of hybrid seed corn. p. 1.

[illegible]



Ulianov, V.F. - Storing fruit seeds and preparing them for seeding, p. 43.

Ilin, I.A. - Laying out an area for an orchard, p. 45.

Semenov, I.M. - Economical biological grouping of varieties, p. 49.

Glebovich, G.N., Ivakov, N.K. - Selecting suitable species and varieties for the orchard, p. 52.

Mel'nichuk, F.A., Grigorenko, L.A. - Annual fruit bearing in the orchard, p. 54.

Pelikh, L.F. - Effect of fertilizing on the growth and fruiting of raspberries, p. 56.

Baranov, N.I. - Keeping qualities of some apple varieties, p. 59.

Allakhverdiev, R.K. - Viticulture of Azerbaijan in the sixth five-year plan, p. 61.

Davidov, F.D. - Methods for planting grapevines, p. 64.

Dzhavad'ian, M.P. - Preharvest foliar feeding of grapevines, p. 65.

Lebedev, N.S. - Method for covering grapevines for winter, p. 69.

Gevorkov, V.I. - Early fruit bearing of grapevines, p. 70.

Calendar for vegetable gardening, fruit culture, and viticulture, p. 71.

Brief notes, p. 73.

International Conference on Vegetable Gardening, p. 76.

Book reviews and bibliography, p. 76.

New books, p. 79.

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINEMAKING IN MOLDAVIA]. Organ of Ministerstvo sel'skogo khoziaistva and Ministerstvo promyshlennosti prodovol'stvennykh tovarov Moldavskoi SSR [Ministry of Agriculture and Ministry of the Food Products Industry of the Moldavian S.S.R.]. Kishinev, vol. 11, no. 4(63), July-Aug. 1956.

Table of contents translated:

Increasing the production and procurement of fruits and berries, p. 1.

Officials let's give the country more fruit and grapes, p. 5.

Kazin, I.A. - Use of hydraulic drills in vineyard planting, p. 7.

Moiseeva, N.S. - Effect of the pinching back of shoots and the additional pollination of grapes, p. 11.

Kozlov, D.D. - For more extensive application of advanced practices, p. 13.

Dzhavad'ian, M.P. - Preharvest foliar feeding of grapes, p. 15.

Kolev, P.I. - Irrigation of vineyards in the southern part of the Dniester Valley, p. 19.

Vasilev, G.K. - The best time for fertilizing apple orchards, p. 21.

Bilakov, I.S., Bilakova, A.N. - Pollination selectivity of cherries, p. 22.

Kovrevskii, T.A. - High quality peach seedlings for the foothills of the Northern Caucasus, p. 26.

Dvalayeva, N.G. - Regulating the fruiting of peach trees, p. 29.

Mel'nik, P.A. - Ways of obtaining an additional grape crop, p. 31.

Karadzhi, G.M. - Effect of a sturdy root stock on the fruiting of shoots and the quality of grapes, p. 36.

Kolesnik, L.V., Burova, A.T. - Muscat of Hamburg as the best pollinator for Koina Niagra and Shasla grapes, p. 39.

Kolesnik, L.V. - Increasing the number of fruit buds on grape vines, p. 40.

Kostetskii, V.G. - Training plum seedlings in the nursery, p. 43.

Maltabar, V.M. - Grape varieties for making cognac, p. 45.

Skripnikov, K.M., Nemchinov, D.A. - Role of oak wood in the aging of brandies, p. 47.

Kasler, IA.K. - Polarographic determining of furfurole, p. 50.

Kalugina, G.I., Litvinov, V.F. - Fermentation of the distilling material for champagne in reinforced concrete tanks, p. 51.

Zaslavskii, A.S. - Improve the quality of grape juice, p. 56.

Kozlov, N.V. - Lower the amount of labor expended on fruit- and grape-growing state farms, p. 56.

Gitalovich, M.G. - New method for preserving juices, p. 60.

Belikov, V.V. - Performance of the DDP-30 sprinkler with a delivery conduit, p. 62.

Pelikh, M.A. - First Russian printed work on viticulture, p. 64.

A useful book, p. 3 of cover.

(IIA)

SEL'SKO, OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Seriia Kartofel' i ovoshchi [SEL'SKO; EXCHANGE OF EXPERIENCE IN AGRICULTURE, Series on the Potato and Vegetables]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, nos. 10-11, Oct.-Nov. 1956.

SEL'SKO, OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Seriia Tekhnicheskie i maslichnye kul'tury [SEL'SKO, EXCHANGE OF EXPERIENCE IN AGRICULTURE.

[illegible]

No. 4, June 1956

Table of contents translated:

Inspiring examples of advanced workers, p. 3.

Nazarov, V.N. - Ways of lowering the amount of labor expended in growing hemp, p. 5.

Frolov, G.I. - Eliminate lagging in flax growing, p. 8.

Tikhomirov, S.M. - Advanced practices in growing flax and hemp, p. 11.

Tsimova, V.P. - Carry out soil improvement faster, p. 13.

Ivanov, M.G. - Flax growing on virgin and waste lands, p. 17.

Baskov, IA.IA. - Achievements of Chuvashia hemp growers, p. 19.

Davydenko, N.F. - Efforts for obtaining high-quality flax, p. 23.

Tereshkin, I.Kh. - Winning goal for fertilizer to summer, p. 27.

Denkin, A.P. - Plots for growing hemp seed, p. 29.

Voronina, I.M. - High-producing work of flax-fiber harvesters, p. 34.

Bespalov, M.M. - Producing four times the annual norms with the flax puller, p. 37.

Sidlarenko, V.V. - High seasonal production norms obtained with the hemp harvester, p. 40.

Khalin, G.A. - MLS-2,5M thresher for threshing flax, p. 42.

No. 9, Sep. 1956.

Table of contents translated:

More vegetables, fruit, and grapes for moscow, p. 1.

Bukreev, D.I. - Use a trader preparations for greenhouse and hotbed gardening, p. 5.

Kostkevich, I.A. - Highly profitable collective farm greenhouses and hotbed gardening, p. 9.

Liacanov, A.D. - Some economic problems concerning the use of cold frames, p. 14.

Kandelaki, E.A. - Powdery mildew of cucumbers in greenhouses and hotbeds, p. 18.

Sumonov, N.G. - Importance of the composition of the [illegible] in mushroom production, p. 19.

Kuzmichev, P.D. - Fall planting of onions for seed, p. 22.

Kovalenko, N.I. - Onion storage, p. 24.

Shapovalova, M.M. - Completing the growing of cabbage in winter, p. 25.

Petrov, A.P. - Method for the afterripening of tomatoes, p. 26.

Zhukova, N.N., Medvedeva, V.I. - Colorado potato beetle, p. 27.

Ponomareva, M.A. - Electric heating of soil in greenhouses and hotbeds in France, p. 29.

Nazarov, N.A. - Increase the productivity of labor in marketing apples, p. 29.

Kamenskii, I.I. - Care of soil in bearing orchards, p. 32.

Sharvarli, I.P. - Tillage in the orchards of the Tajik S.S.R., p. 38.

Kolesnikov, E.V. - Disposition of fruit-tree roots, p. 40.

Series on Technical and Oilseed Crops]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serilia Zernovye i kormovye kul'tury [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on Grain and Forage Crops]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 3, 11, Mar., Nov. 1956.

UDOBRENIE I UROZHAI [FERTILIZERS AND CROPS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 1, no. 7, July 1956.

Table of contents translated:

Suslov, S.M. - All-Union Agricultural Exhibition is a school of advanced practices. p. 3.
Molseev, I.G. - Effective methods of using organic fertilizers. p. 6.
Stengach, F.F. - What collective farms of Kotovsk District gained from the wide use of local fertilizers. p. 10.
Butaev, V.E. - Effect of the localized placement of nitrogen and phosphorus fertilizers on the development of the root system of potatoes. p. 15.
Popov, N.V. - Effect of mineral fertilizers on yields of winter wheat in fields under saturation irrigation. p. 20.
Volchkova, Z.F. - Mass use of phosphorobacterin for winter wheat on collective farms of Rostov Province. p. 24.
Geideko, K.I. - Soil liming practices of collective farms in the area served by the Seletskoye Machine-Tractor Station. p. 28.
Mosolov, I.V., Lapshina, L.I., Panova, A.V. - Intake of calcium by plants. p. 34.
Pchelkin, V.U. - Methods for the effective use of potassium fertilizers along with organic fertilizers. p. 40.
Pospelov, A.M. - Applying liquid fertilizer to corn and other crops. p. 46.
Kniaz'kov, S.A. - Simple pull-type fertilizer and lime spreaders. p. 51.
Kosar, V. - Mechanized spreading of shale ash. p. 55.
Protasov, P.V., Eidel'nant, N.M. - Delayed application of nitrogen fertilizers to cotton. p. 58.
Shkonde, E.I. - In memory of E.A. Mitscherlich. p. 63.

Vol. 1, no. 8, Aug. 1956.

Table of contents translated:

Editorial: Apply more fertilizer to winter grain crops. p. 3.
Vershinin, P.V. - Fertilizers developing soil structure. p. 7.
Mosolov, I.V., Volleidt, L.P. - Sulfur intake of plants in root and foliar nutrition. p. 13.
Lampovshchikov, P.K. - Effect of disinfectants on nodule bacteria in connection with the treatment of seeds with nitrifying bacteria. p. 18.
Andreeva, R.A., Shchetinina, M. - Treating seeds with heteroauxin and its effect on sugar beet yields. p. 27.
Malinkin, N.P. - Effectiveness of fertilizers when applied to cotton on saline soils. p. 31.
Vitovetskii, M.M. - Role of fertilizers in obtaining high yields of tobacco and other crops on sierozems of Central Asia. p. 35.
Tiutiunnikov, A.I. - Special problems in fertilizing corn on heavy podzolized soils. p. 40.
Girenko, A.P. - Applying fertilizers to Sudan grass and Italian millet in steppes of the Ukrainian S.S.R. p. 43.
Lazerko, A.S., Obidin, N.G. - Experience of the "Maiak Kommunizma" Collective Farm in using fertilizers. p. 50.
Noll', I.F. - In memory of agrochemist B.A. Chizhov. p. 53.
Kozlov, V.P. - Fertilizing grain crops on eroded soils. p. 55.
Chernetskii, A.I. - Ways of efficient fertilizer utilization for buckwheat. p. 56.
Antonova, K.I. - Work of the Agrochemical Laboratory of the Krasnokholm Machine-Tractor Station. p. 56.
Kodanev, I., Zotova, M. - Experiments of the Gorkyi Agricultural Experiment Station. p. 56.
Kiselev, G.P., Golubykh, V.S. - Our experience in using bacterial fertilizers. p. 56.
Peive, J.V. - Work results of the International Congress on Trace Elements in Belgrade. p. 58.
Romashkevich, I.F. - Methane fermentation in manure. p. 62.

ZASHCHITA RASTENII OT VREDITELEI I BOLEZNEI [PROTECTING PLANTS AGAINST DISEASES AND PESTS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 1, no. 2, May-June 1956.

Table of contents translated:

For further development of scientific research in the field of plant protection. p. 3.
Increase the effectiveness of agricultural chemicals. p. 5.
Ivanov, E.N. - Organization of work decides the success of locust control. p. 8.
Glebov, M.A. - Economical effectiveness of plant protection. p. 11.
Sazonov, I.V. - For a high quality of airplane dusting. p. 13.
Kozhevnikov, S.G. - Some organizational problems. p. 15.
Prokopenko, S.F. - Testing the ONK sprayer-duster. p. 17.
Paikin, D.M., Donskii, V.F. - Exhaust dusters. p. 19.
Bragin, G.I. - Machines for orchard spraying. p. 22.
Tardzhemanov, I.K. - Using the SUZ tractor-mounted fertilizer spreader for scattering bait. p. 23.
Sytyi, I.A. - Airplane dusting of grain in Kuban. p. 25.
Zaring, P.V. - Correct use of "vofatoks." p. 27.
Analan, R.N., Chilingarian, V.A. - Mercaptophos for the protection of cotton plants. p. 29.
Ol'khovskaia-Burkova, A.K., Klok, V.E. - Controlling the larvae of sugar beet weevils. p. 31.
Pukk, L.IA. - Flax protection. p. 33.
Shurovenkov, B.G. - Effect of cultivation practices on the decrease of wireworms. p. 35.
Elagin, I.N. - Controlling diseases and pests of millet. p. 36.
Trofimova, A.A., Viazovets, V.P., Grigorenko, I.T. - Protect crops against shield bugs. p. 38.
Palii, V.F., Makarenko, E.E. - Harmfulness of leafhoppers. p. 41.
Soboleva, E.M. - Alfalfa measuring worm. p. 42.
Maslennikov, I.P. - Chemicals against cabbage maggots. p. 43.
Khizhniak, P.A. - Study of the nature of wart resistance of potatoes. p. 44.
Churaev, I.A. - Eliminating fall webworm niduses. p. 45.
Medvedeva, V.I. - Bean weevil. p. 48.
Umnov, M.P. - New plant pest in Europe. p. 50.
Safra, R.A. - Quarantine weed of the genus Striga. p. 52.
Semenov, A.E. - Corn pests in the North. p. 53.
Mitrofanov, P.I. - Controlling the tea moth (Parametriotes theae Kusn.). p. 54.
Ivanchenko, A.V. - Mercaptophos against the San Jose scale. p. 56.
Nikulina, N.K. - Spotted wilt of tomatoes and tobacco. p. 56.
Matveenko, T.M. - Leaf beetle on corn. p. 57.
Emme, A.M. - Corn diseases and pests in the United States. p. 57.
G.K. - Interdepartment conference on aerosols. p. 63.
Bookshelf. p. 64.

Vol. 1, no. 3, July-Aug. 1956.

Table of contents translated:

Apply the science of plant protection in the fulfillment of tasks set by the 20th Congress of the Communist Party of the Soviet Union. p. 3.
Glushenkov, N.A. - Organize efficiently the work with tractor-mounted dusting and spraying equipment. p. 5.
Rumiantsev, P.D. - Controlling diseases and pests of stored produce. p. 7.
Shumaev, A.D. - Expedition to southern Kazakhstan for locust control. p. 10.
Umnov, M.P. - In what form should DDT be used? p. 13.
Korotkikh, G.I. - Develop aerosol methods. p. 16.
Meisakhovich, IA.A. - Selecting sugar beet sprayers. p. 18.
Zagovora, A.V. - Disease and pest control on alfalfa seed plots. p. 23.
Ivanova, Z.V. - Smoke pots. p. 26.
Efremova, N.I., Malinina, M.S. - Parathion for the disinfection of storages. p. 28.
Kasperovich, Z.S., Shkurenko, G.M. - Presowing treatment of rye against stem smut. p. 29.
Agarkov, V.A. - Virus diseases of wheat in Vinnitsa Province. p. 31.
Alekseev, P.M. - Protection of vineyards. p. 34.
Solov'eva, E.P. - Protecting the collective farm orchard. p. 36.
Machine-tractor station agronomists working in the field of plant protection. p. 36.
Markin, A.K., Obolenskii, V.N. - Twenty-fifth year of the plant quarantine service. p. 37.
Abramenko, V.V. - Tasks of the plant quarantine inspection at customhouses. p. 42.
Sokolov, A.D. - Our experience in the quarantine of imported plants and products. p. 44.
V.A. - Conference on Colorado potato beetles. p. 49.
IAkovlev, B.V. - For stronger control measures against Colorado potato beetles. p. 50.
Shitsyna, N.V. - How to diagnose diplodia stalk rot in corn. p. 52.
IAshnova, N.V. - Bacterial wilt in corn. p. 53.
Lesnikovskaia, A.IA. - New methods in controlling California red scale. p. 53.
Filippov, N.A. - Plant protection in the German Democratic Republic. p. 55.
Shmigovskii, K.A. - Lilac moths. p. 58.
Matveenko, T.M. - New methods in controlling tobacco pests. p. 60.
Petrichenko, M.I. - How I got rid of potato-damaging mole rats. p. 60.
Advice for vegetable growers. p. 61.
Advice for fruit growers. p. 61.
About the International Conference in Holland. p. 63.
Bookshelf. p. 64.

ZEMLEDELIE [AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 4, no. 9, Sep. 1956.

Table of contents translated:

Introduce correct cultivation methods on every collective farm. p. 3.
Elsukov, M.P. - Importance of annual forage crops in scientific farming. p. 7.
Troitskii, I.G., Dmitrochenko, O.A. - Should spring or winter wheat be sown on clean fallows? p. 14.
Elagin, I.N. - Corn as a valuable plant preceding winter crops. p. 22.
Grekov, M.A. - Principles of cultivation practices for planning sugar beet crop rotations in the forest-steppe zone of the U.S.S.R. p. 25.
TSivenko, I.A. - Effectiveness of crop rotations including clean and green fallows in the central non-Chernozem zone. p. 42.
Kol'tsov, V.F. - Deep plowing is the basic method of preparing the soil for afforestation. p. 46.
Chizhevskii, M.G. - Depth of plowing and topsoil deepening of turf-Podzolic soils. p. 54.
Krashennikov, N.A. - Subsoiling for bast plants. p. 59.
IUferov, V.A. - New methods for soil cultivation. p. 63.
Satchuk, K.I. - Some methods of cultivation for winter wheat. p. 70.
Baiko, V.P., Khodanovich, M.A. - Deep subsoiling for corn and sunflower. p. 73.
Dal'skii, N.I. - Deepening the toplayer of irrigated Chestnut and Light Chestnut soils. p. 77.
Ustinova, A.V. - Effect of cultivation methods on the fertility of saline soils. p. 83.
Tukalova, E.I., Sorbulov, A.F. - Turning over alfalfa sod in Moldavia. p. 87.
Birlukova, V.S. - Problem of the chemical control of quack grass. p. 92.
Kuksin, N.V. - Accelerated formation of meadows and the introduction of grassland crop rotation on collective farms of the Ukrainian S.S.R. p. 96.
Titulenev, N.A. - Formation of meadows on peat soils on collective farms of the U.S.S.R. p. 103.
Gorbachev, I.P. - Reclamation of swampy lands. p. 107.
Kozhin, V.I. - Perennial grasses in Chelyabinsk Province. p. 110.
Gribanov, F.E. - Effect of peat and peat-manure mixtures on the yield of agricultural crops. p. 114.
Barzil, M.K. - Give more independence to collective farm agronomists. p. 118.
Kastyrin. - Work practice of the "Kominternⁿ State Farm. p. 121.
Gerasimov, F. - Sowing winter grains after disking flax stubble. p. 123.
IAkovlev, A.G. - Controlling the loss of winter wheat. p. 123.
Vidineev, M.M. - Make a wider use of the progressive workers' practice in irrigation. p. 124.
IArovenko, V.V., Aliev, I.S. - Turning up water-retaining ridges. p. 126.
Dmitrii Dmitrievich Slobodchikov; obituary. p. 128.

## 16. TECHNOLOGY

### a) GENERAL

BAKU. AZERBAIDZHANSKII INDUSTRIAL'NYI INSTITUT. Trudy [AZERBAIJAN INDUSTRIAL INSTITUTE. Transactions]. No. 8, 1954. [With summaries in Azerbaijani.]

Table of contents translated:

Vezir-Zade, A.Z. - Some new simple forms of sucrose crystals. p. 5.
Vezir-Zade, A.Z. - Crystallographic study of Kedabek tourmaline. p. 12.
Khalilov, A.G. - Lower Cretaceous Aucellina in the Azerbaijani region of the Lesser Caucasus. p. 17.
Abdurashitov, S.A., Kaprielov, S.G. - Hydraulic losses in drill casings. p. 33.
Tairova, T.A. - Methods of computing gas lift on the basis of experimental data in deep lifts. p. 42.
Rostomian, P.M. - Significance of the surface of rock particles formed in drilling. p. 65.
Movsumzade, M.M. - Organic peroxides from pyrolysis products of petroleum. p. 70.

[illegible]

No. 2, 1955
Table of contents translated
[illegible]

BIULLETEN' IZOBRETENII [illegible]

INFORMATSIONNYI [illegible] (INFORMATION INDEX [illegible]) [illegible] Moscow, ... 1956

LVOV. POLITEKHNICHESKII INSTITUT. Naukovi zapysky [POLYTECHNIC INSTITUTE. Scientific Records], No. 33, 1955. Seriia khimiko-tekhnologichna (Chemical Engineering Series), no. 2
Table of contents translated:
[illegible], B.G. - The porosity of ... catalysts ... in synthesis with metalorganic compounds of the ... type. p. 3.
Andrianovskii, A.I., ... - Determining the structure of molecules of gaseous ... formed during an electric discharge in gas. p. 7.
Yatsyna, G.A., Ismailov, N.A. - Adsorption of ... vapors on the surface of mercury. p. 13.
Yatsyna, G.A., Ismailov, N.A. - Adsorption of methyl, ethyl, N-propyl and isopropyl alcohol vapors on the surface of mercury. p. 23.
Yatsyna, G.A., Ismailov, N.A. - Adsorption of heptane, carbon tetrachloride and acetone vapors on the surface of mercury. p. 30.
Yavorskii, B.M. - The action of formamide in urea solutions. p. 47.
Mikhalevich, K.N. - Reducing powers of tetraoxymethylenes. p. 51.
Akselrod, G.A. - Kinetics of the solution of solid particles in an apparatus with a mixer. p. 63.
Lavrinenko, V.M., ..., L.P. - Use of ... in the volumetric method for determining phosphorus in mineral fertilizers. p. 81.
Serdiukova, D.K. - Amperometric determination of

[illegible]

MOSCOW. ... [illegible]

No. 27, 1955. ... (Some problems in ...)
Table of contents translated:
Foreword. p. 3.
Karpov, ... - Investigation of water hammer in a branching system of pipelines by the operational method. p. 5.
..., I.S. - Detached shock waves. p. 19.
..., ... - Investigation of combustion in a chamber of the ... type. p. 77.
Vasil'ev, A.P. - Problem of flame front position in the combustion chamber of a liquid-fuel rocket engine. p. 115.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Transportnoe [illegible] [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: ... Engineering]. Nos. 10-22, 25-35, 31, May-Aug. 1956.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Glavnoe upravlenie trudovykh rezervov [Main Administration of Labor Reserves]. Moscow, vol. 13, no. 7(121), July 1956.
Table of contents translated:
Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. "On establishing the honorary titles of Honored Master of Vocational-Technical Education of the R.S.F.S.R. and Honored Teacher of Vocational-Technical Education of the R.S.F.S.R." p. 1.
..., G. - August pedagogical conferences. p. 2.
..., S. - Possibilities for improving the training of young workers. p. 3.
..., A. - Special workers for the facility of the ... p. 10.
..., V. - Assimilating the experience of ... p. 12.
..., B. - Methods for ... in steel casting. p. 15.
..., A. - Training records. p. 19.
..., I. - Production practice in the fields. p. 22.
Into ... p. 24.
..., for the ... p. 25.
..., A. - Communist Youth League group. p. 26.
..., V., ..., V. - Management of amateur art activities. p. 27.
..., B. - ... p. 29.
..., ... - Letter from ... p. 30.
... p. 30.
..., V. - ... in industrial training ... p. 31.
... p. 32.

Vol. 13, no. 8(122), Aug. 1956.
Table of contents translated:
... p. 1
..., ... - ... p. 3.
..., ... - ... p. 4.
... p. 6.
..., ... - ... p. 8.
..., ... - Organize the repair of equipment in ... p. 9.
... competition for ... p. 11.
..., ... - ... p. 13.
..., ... - ... experience. p. 14.
..., ... - ... training ... for ... p. 15.
..., M., ..., A. - ... of painters. p. 17.
... p. 19.
..., V. - ... in industry. p. 19.
..., A., ..., ... - Disseminating materials of the 20th Congress of the Communist Party of the Soviet Union. p. 23.
..., V. - ... p. 25.
... p. 26.
... p. 26.
..., ... - ... p. 27.
..., ... - ... p. 28.
..., A. - Training teachers ... specialty. p. 31.
... p. 32.

Vol. 13, no. 9(123), Sep. 1956.
Table of contents translated:
Young patriots on virgin lands. p. 1.
..., ... - In the hot days of the harvest. p. 2
..., V. - Gratifying results. p. 4.
..., ... - Beneficial help. p. 4.
At the August pedagogical conferences. p. 5.
..., ... - Questions concerned in construction schools. p. 7.
..., ... - First year plan of reinforced-concrete construction. p. 12.
..., ... - Use all means to improve work in methods. p. 13.
..., ... - Directing students' work. p. 16.
..., S., ..., ..., ... - In the ... Republic. p. 17.
..., A. - Greeting the festival. p. 20.
..., M. - More independent work. p. 22.
..., ... - Communists take the lead in training students. p. 23.
..., A., ..., K. - The promotion of technical literature. p. 25.
..., A. - Meeting with an innovator ... p. 27.
..., A. - In a pedagogical seminar. p. 27.
..., F. - They increase their knowledge in this way. p. 28.
..., A. - Electric engineering contest. p. 29.
..., ... - Improve the training of builders. p. 29.
..., ... - "Lower vocational education in the U.S.S.R." p. 30.
What to read in the field of modern technology. p. 31.
Communications. p. 32.

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy (Sbornik statei) [URAL POLYTECHNICAL INSTITUTE. Transactions (Collected papers)] Moscow, no. 60, 1956. Voprosy teorii i praktiki liteinogo proizvodstva [Problems in the theory and practice of founding].
Table of contents translated:
Preface. p. 3.
Dubitskii, G.M. - Formulas for calculating the flow ratio in gating systems and their use. p. 5.
Dubitskii, G.M. - Study of processes taking place in sprues during pouring into molds from tipping

ladles. p. 18.
Zharov, N.T. - Automatic mixing of molding materials on laboratory FB-2 jockey pulleys. p. 27.
Zharov, N.T. - Construction of standard relays for automatization in founding. p 37.
Zharov, N.T. - Device for evaluating the amount of scale on specimens. p. 47.
Dovgopol, V.I. - Nizhnii Tagil in the history of founding. p. 54.
Gorshkov, A.A., Boretskii, A.A. - Origin of the word "vagranka" [cupola furnace]. p. 66.
Butorin, V.L., Goftman, M.V. - Improving cupola furnace coke. p. 74.
Poruchikov, IU.P. - Role of cupola furnace slags. p. 82.
Pisarenko, G.A., Guterman, S.G. - Effect of chemical composition, annealing conditions and thickness of castings on the mechanical properties of cast iron with spheroidal graphite. p. 89.
Pisarenko, G.A., and others. - Molds made of cast iron with spheroidal graphite for small and medium-sized ingots. p. 97.
Cherkasov, L.M., Pavlovtseva, N.I. - Mold paint as a cause for sulfur absorption by the cast iron of the mold. p. 103.
Dreizin, L.S. - Production of complicated castings. p. 112.
Butakov, D.K. - Structural characteristics of high-carbon cast steel. p. 117.
Los'kov, D.I. - Effect of the compactness of mold packing on sand scale formation on steel castings. p. 125.
IAmshanov, P.I. - Effect of gas pressure in riser heads on the quality of the casting. p. 135.
IAmshanov, P.I., Tiuleneva, T.A. - Causes for the occurrence of stony fracture and cold cracks in 35KhNL steel castings. p. 140.
Vargin, S.V. - Controlling the absorption of hydrogen by aluminum silicon alloys after chlorination. p. 144.
Enikeev, G.S. - Using fluxes in melting aluminum alloys. p. 159.
Koroikov, V.G. - Removal of hydrogen from aluminum alloys. p. 170.
Ksenofontov, B.M. - New design of a foundry mold for the production of castings by the method of vacuum suction. p. 178.
Gorshkov, A.A., Vagin, V.V. - Effect of jolting and vibration during solidification on the structural and mechanical properties of aluminum alloys. p. 183.
Gorshkov, O.A. - Making castings using meltable nonferrous-alloy casting patterns. p. 192.
Vetrenko, E.A., Sidorenko, R.A. - Studying the kinetics of evaporation and temperature zones in the condensation of zinc in various gas atmospheres. p. 199.

## b) AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 13, no. 8, Aug. 1956.

Table of contents translated:

Ochnev, N. - Dissemination of progressive practice is an obligatory and not a voluntary matter. p. 1.
Work results of the Air Fleet subdivisions for the first half of the year. p. 3.
Turkestanskii, V. - How we lower costs in transportation. p. 4.
Vyshedskii, M., Godovikov, E. - Refueling crews of drivers. p. 6.
Vasilenko, A. - Tu-104 flies to the East. p. 7.
Peshkov, S. - Method of flight training following approach and landing radio beacons. p. 9.
They train for flights without flight engineers. p. 12.
Erokhov, S. - Flying an An-2 at night. p. 13.
Timofeev, D. - Meteorological conditions of flights at high altitudes. p. 14.
TSyplakov, K. - Over the Sea of Okhotsk. p. 17.
Happy journey. p. 18.
Readers suggest. p. 19.
IAkovlev, E. - Turboprop engines. p. 20.
Poliakov, V. - Put supersonics at the service of civil aviation. p. 23.
Veresotskii, E. - Radar sets on commercial airplanes. p. 26.
Kostoglodov, I., Smirnov, V. - Preventing splits in propeller shafts. p. 28.
Zuev, V., Kazakov, A., Derboglav, E. - Aviation personnel of the Ukraine discover the potentialities of production. p. 30.
Davydov, P., and others. - What the practice of flying without flight engineers teaches us. p. 32.
Malkov, S. - Striving for technical progress. 1. Overall mechanization of labor-consuming operations. p. 34.
Diary of civil aviation. p. 36.
Disseminate the practice of party political work. p. 37.
Atanasov, A. - In the skies of Bulgaria. p. 38.
Brief news. p. 39.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 55, 1956.

Table of contents translated:

Preface. p. 3.
Kriukov, K.A. - Determining the critical angular speed of multidisk rotors by means of the tabular method. p. 5.
Gurov, A.F. - Direct determination of dynamic rigidity of aerial propellers. p. 63.
Ogurechnikov, A.N. - Dynamic rigidity of rotating shafts. p. 93.

No. 57, 1956.

Table of contents translated:

Preface. p. 3.
Milovzorov, V.P. - Three-phase asynchronous premagnetized motor system used in servomechanisms. p. 5.
Tomashevskii, M.A. - Investigation of ferromagnetic suspensions used in electromagnetic couplings with ferromagnetic filler. p. 21.
Konev, IU.I. - Determining transistor parameters. p. 37.
Andreev, V.V. - Double-wire three-phase line. p. 52.
Istratov, V.N., Kamenskii, A.V. - Computing the resistance in aircraft three-phase current circuits. p. 61.
Andreev, V.V. - Determining the symmetrical current components of three-phase generator loads under conditions of nonsymmetrical connection of units. p. 71.
Istratov, V.N., Kamenskii, A.V. - Protection of aircraft generators; survey of basic systems. p. 76.

No. 63, 1956.

Title translated:

Karagodin, V.M. - Some problems in the mechanics of bodies with variable mass. 30 p.

Title transliterated: Karagodin, V.M. - Nekotorye voprosy mekhaniki tela peremennoi massy. 30 p.

No. 67, 1956.

Title translated:

Krivoukhov, V.A., Voronov, A.L. - High-frequency vibrations of the cutting tool during metal cutting. 75 p.

Title transliterated: Krivoukhov, V.A., Voronov, A.L. -Vysokochastotnye vibratsii reztsa pri tochenii. 75 p.

VOPROSY RAKETNOI TEKHNIKI; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 6, no. 5(35), 1956.

## c) CHEMICAL TECHNOLOGY

AKADEMIIA NAUK URSR, Kiev. Instytut vykorystannia gazu. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Gas Utilization. Transactions]. Kiev, vol. 2, 1954. Teplotekhnika proizvodstva stekla [Heat processes in the manufacture of glass].

Table of contents translated:

Preface. p. 3.
Dobrokhotov, N.N. - Principles of furnace design. p. 5.
Zakharikov, N.A., Ploro, L.S. - Study of heat exchange in glass furnaces. p. 17.
Korobko, M.I. - Automatic heat control for glass furnaces. p. 33.
Zakharikov, N.A., Blokh, S.A. - Thermal stresses in sheet glass and glass tubes. p. 64.
Zakharikov, N.A. - Heat exchange and annealing during the vertical drawing of sheet glass. p. 83.

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR, Ministerstvo kommunal'nogo khoziaistva RSFSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Main Administration of the gas industry, Attached to the Council of Ministers of the U.S.S.R., the Ministry of Communal Economy of the R.S.F.S.R., and the Scientific and Technological Society of the Electric Power Industry]. Leningrad, no. 9, Sep. 1956.

Table of contents translated:

For further development of the gas industry. p. 1.
Ponomarev, G.V. - Calculating bottom pressure according to the value of static pressure computed at the head of a gas well. p. 3.
Kunakov, N.E., and others. - Experimental industrial installation for thermal processing of shale smalls with solid agents for heat transfer. p. 8.
Aydeeva, A.A. - Determining the efficiency of using gas in steam boilers. p. 13.
Vigdorchik, D.IA., and others. - Conversion of VNIISTO small cast-iron household heating boilers to gas fuel. p. 17.
Comments on A.M. Lévin's article. p. 22.
Natural gas heating in vegetable hothouses. p. 26.
Khachaturian, S.A. - Supercharging in compressor pipeline stations. p. 28.
Rectification-ash purification of gas. p. 32.
Bibliography. p. 40.

No. 10, Oct. 1956.

Table of contents translated:

Volikovskii, A.S., IUshkin, V.V. - Gas condensate reservoirs. p. 1.
Semin, N.G. - Gas condensate content of formation VII of the Karadag deposits. p. 7.
Kernos, IU.D., Brodskaia, N.I., Teodorovich, V.P. - Comparative absorption characteristics of swampy ores of Leningrad Province, the Tukan deposits and industrial by-products of the Sterlitamak Soda Plant. p. 9.
Aleksandrovich, A.I. - Burners for Moscow city gas. p. 14.
Podkopaev, N.F., Vigdorchik, D.IA., Maristinkovskii, I.I. - Calculating gas pipes for the interior of houses. p. 18.
Gerasimov, A.L., Surkin, A.S. - Gas supply for standard apartments. p. 24.
Narimanov, A.A. - Simplifying the design and construction of gas distribution lines. p. 26.
Voronin, V.I. - Method for restoring corroded standard gas meters. p. 27.
Gritsev, N.D., Vereshchagin, A.N. - Industrial practices in petroleum preparation and gas processing in the East. p. 30.
Carbon-adsorptive installation with horizontal adsorbers. p. 34.
Fifth International Power Engineering Conference. p. 35.
Bibliography. p. 38.

GIDROLIZNAIA I LESOKHIMICHESKAIA PROMYSHLENNOST' [HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY]. Issued by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol. 9, no. 6, 1956.

Table of contents translated:

Persistently disseminate progressive practices. p. 1.
Chepigo, S.V., Vasiunina, N.A. - Production of polyatomic alcohols from nonedible vegetable raw materials. p. 3.
Grinshtein, I.M. - Improving the quality of raw materials is an important factor in augmenting alcohol production. p. 6.
Chalov, N.V., and others. - Concentration of furfurol in the vapors from hydrolyzate evaporation without expending heat. p. 8.
Liamin, V.A. - Gas producer for gasification of wood wastes. p. 11.
Chistov, I.F., Zarakovskaia, A.I., Tarasova, A.G. - Production of propionic acid. p. 13.
Sinitskii, V.P., Akhromovich, M.B. - Effect of the fifteen-year tapping on the quality of butt logs. p. 16.
Negrutskii, S.F. - Selection of weak trees for tapping. p. 18.
Volskaia, L.P., Solov'eva, IU.P. - Determining methyl alcohol in methanol fractions. p. 18.
Andreev, A.A. - Whirling purifier in place of settling tanks. p. 20.
Maliutin, M.M., Ivashkevich, E.D., Narina, A.E. - Neutralization of hydrolyzates with controlled crystallization of gypsum. p. 21.
Sergeev, M.P. - Introduce multistage timber tapping. p. 22.
Karpov, P.I. - Cut faces economically. p. 23.
Medvedev, S.F. - Lignin as a fuel of high calorific value. p. 24.
Semenov, A.S., Mordukhaev, G.A. - Remote-controlled motor of coal consumption for steam boilers. p. 24.
Kapitonov, I.F., Fridburg, I.M. - Adapting ZIS-585 dump trucks for transporting raw materials for hydrolysis. p. 25.
Vatolin, N.D., Rozhdestvenskii, A.N. - Mechanical drilling of holes in harvesting stump wood. p. 26.
Conference on new techniques and exchange of experience in the hydrolysis industry. p. 27.
Answers to readers' questions:
Controlling biological growths on heat exchange and water purification apparatus. p. 28.
Processing of beech tar. p. 28.
Use of pure oxygen as oxidizer. p. 29.
Production of vanillin at the sulfite-alcohol plant in Thoroid (Canada). p. 29.
Dry distillation of wood in fluidized bed. p. 30.
Composition of acid wood tars. p. 32.
Follow-up on our articles. p. 32.

16c Gidroliz. i lesokhim. prom. 9 no. 6 '56 card 3 cs

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Ministerstvo khimicheskoi promyshlennosti [Ministry of Chemical Industry]. Moscow, no. 3, Apr.-May 1956.

Table of contents translated:

Semenenko, N.A., Sidel'kovskii, L.N., Shurygin, A.P. - Bases and outlook for intensive high-temperature pyrite roasting using a power engineering system. p. 129.
Cherepkov, I.F. - Relationship between nitrose density and composition. p. 139.
Tabunshchikov, N.P. - Particularities of fuel combustion in shaft sifting furnaces. p. 139.
Andrianov, K.A., Romanov, V.M., Golubtsev, S.A. - Hydrophobing fluid and some other silicon organic fluids. p. 142.
Sergeev, P.G. - Alkylation of benzene with olefins in the presence of anhydrous aluminum chloride. p. 144.

Petrov, G.S., Pevzner, L.V. - "Fenolit", water- and acid-resistant electric-insulation plastic. p.151.
Rutkovskii, M.L. - Corrosion of chemical apparatus by an aqueous solution of monoethanolamine. p.153.
Dil'man, V.V., and others. - Hydraulic resistance of latticed and perforated plates. p.156.
Zasorin, A.P. - Analytic calculation of the absorption of nitric oxides. p.162.
Kniazev, A.K., Leoshkin, A.P. - Determining labor expended per unit of production. p.163.
Elagin, G.IA., Kaynatskaia, B.S. - Production of sodium fluoride at the Odessa Superphosphate Plant. p.166.
Siniavskii, V.V. - Feeders of new construction for VKhZ furnaces. p.167.
Khokhlova, R.V. - Determining small amounts of mercapitobenzothiazole in the air of industrial plants. p.169.
German, F.F. - Method for chlorination of chlorine water brines in the production of bromine. p.171.
Festa, N.IA., Elshin, N.N. - British exhibition of industrial apparatus for 1955 in London. p.173.
Brief news. 183.
From the Committee on the Nomenclature of Chemical Compounds of the Division of Chemical Sciences of the Academy of Sciences of the U.S.S.R. p.188.
Sagalaev, G., Kruchinin, B. - Review of "Corrosion of chemical apparatus and corrosion-resistant materials" by I.IA. Klinov. p.190.
Kharlamov, I.P. - Review of "Chromatographic analysis" by F.M. Shemiakin, E.S. Mitselovskii, D.V. Romanov. p.190.

No. 4, June 1956.
Table of contents translated:
Mel'nik, B.D. - Technical methods in the production of mineral salts. p.193.
Baron, L.I., Fugzan, M.D. - Steady output of ore under actual working conditions. p.197.
Zhigach, A.F., Antonov, I.S. - Use of hydrides in industry. p.200.
Makarov, S.Z., Shraibman, S.S. - Decontamination of waste fluids and gases by catalytic removal of hypochlorite and chlorine. p.202.
Sergeev, P.G. - Alkylation of benzene with olefins in the presence of anhydrous aluminum chloride. p.208.
Orlovskii, P.N., Lukomskaia, A.I., Bogatova, S.K. - Methods for determining the industrial properties of carbon black rubber mixes. p.217.
Torocheshnikov, N.S., and others. - Copper in the elimination of oxygen from a mixture containing inert gases. p.224.
Fastovskii, V.G., Petrovskii, IU.V. - Investigating rectification in a wetted-wall column. p.230.
Kuz'minykh, I.N. - New bubbling apparatus for adsorption and heat exchange processes. p.234.
Levin, I.A., Avdeeva, A.V., Kovalenko, N.P. - Corrosion of arsenic-soda apparatus of desulfurating installations. p.237.
Kissin, B.I. - Some problems in the organization of work in central plant laboratories. p.239.
Pogostin, S.Z. - Set in order the system of wages in the chemical industry. p.240.
Parlashkovich, N.IA., Vykhodtsev, I.A., Zolotov, B.D. - Automatic potentiometric control in the production of indo-o-toluidine. p.242.
Esenberlin, R.E. - Using dunite for thorough removal of oxygen from inert gases. p.244.
Levin, A.N., Perlin, S.M. - Pressure casting of thermoplastics in the USA and Great Britain. p.246.
Brief news. p.253.

KHIMIIA I TEKHNOLOGIIA TOPLIVA [CHEMISTRY AND TECHNOLOGY OF FUEL]. Issued by Ministerstvo neftianoi promyshlennosti SSSR and Prezidium Akademii nauk SSSR [Ministry of the Petroleum Industry of the U.S.S.R. and the Presidium of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.
Table of contents translated:
Orochko, D.I. - Problems of chemical kinetics in industry. p.1.
Levin, S.Z., Diner, I.S., Karpov, A.Z. - Hydrogenation of C6 - C8 aldehydes to alcohols. p.8.
Nikolaeva, V.G., Popova, E.M. - Investigation of the 200-360° kerosene - gas-oil fraction of Romashkin Devonian petroleum. p.12.
Brodskii, A.M., Kalinenko, R.A., Lavrovskii, K.P. - Adsorptive analysis and separation of hydrocarbon gases. p.18.
Tilicheev, M.D., Zimina, K.I. - Effect of various factors on the output of thermal cracking products. p.23.
Vainshtein, B.P., Plokhinskaia, E.A., Rapoport, I.B. - Effect of alkali additives on the action and selectivity of iron-copper catalysts. p.31.
Aleksandrova, E.M., Lidina, N.G. - Optical properties of humate solutions and sols of humic acids. p.36.
Derman, B.M. - Stoichiometric analysis of combustion and the gasification of solid fuel. p.46.
Sanin, P.I., Ul'ianova, A.V., Sher, V.V. - Chemical structure of surface-active substances (depressing agents) which increase the fluidity of lubricating oils at low temperatures. p.54.
Itinskaia, N.I., Novikov, M.P. - Use of radioactive indicators to investigate the effect of the products from the aging of diesel oils on changes in wear-resistant characteristics. p.58.
Budarov, I.P. - Method for determining the saturated vapor density of fluid fuels. p.65.
Gureev, A.A. - Conference on the kinetics and chemism of oxidation of hydrocarbons in liquid phase. p.69.

No. 9, Sep. 1956.
Table of contents translated:
Sulimov, A.D., and others. - Hydrofining of distillate fractions from Eastern petroleums without introducing hydrogen from an external source. p. 1.
Chertkov, IA.B., Zrelov, V.N. - Low-temperature characteristics of hydrocarbon fuels; changes in fuel phase state. p.11.
Karapet'ian, M.Kh. - Temperature of heat formation in homologous series of hydrocarbons. p. 22.
Khmel'nitskii, IU.L., Doladugin, A.I., Nesterovskii, V.V. Methylation of pentanes with methyl chloride. p. 34.
Karaulova, E.N., Galipern, G.D. - Oxidation of sulfides with hydrogen. p. 39.
D'iakova, M.K., and others. - Hydrofining distillates of tar and the products of thermal dissolution of Estonian shales. p. 44.
Ivanov, K.I., and others. - Testing an alkyl-phenol antioxidant additive in transformers. p. 51.
Abezgayz, L.M., Mailian, N.V. - Investigation of ceresins separated from petrolatum. p. 57.
Martynov, V.M. - Synaeresis of greases; effect of temperature on the synaeresis of gels of lithium stearate in instrument oil. p.63.
Filoppov, V.F. - Methods for evaluating the operating properties of motor oils. p. 67.
For the attention of authors. p. 74.

KHOLODIL'NAIA TEKHNIKA [REFRIGERATION ENGINEERING]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, vol. 33, no. 3, July-Sep. 1956.
Table of contents translated:
More widespread automatization of refrigerating plants. p. 1.
Ioffe, A., and others. - Thermoelectric cooling in the refrigerating industry. p. 5.
Karpis, E., Zusmanovich, I. - New individual conditioners. p. 17.
Vikhorev, G. - Nomogram for heat calculations of vertical shell and tube condensers. p. 25.
Safonov, V. - Sectional ceilings with monolithic construction of joints. p. 29.
Gisin, I. - Thermal processing of ice cream mixtures in a closed thin-layer flow. p. 33.
Martynovskii, V., Alekseev, V. - New refrigerating machines. p. 39.
Pozin, M. - Potentialities for lowering the cost of food preservation in cold storage. p. 44.
Mel'tser, L. - Design of freon piston compressors. p. 50.
Veinberg, B. - Thermodynamic properties of freon-142. p. 55.
Dik, M. - Tanks for storing ammonia. p. 62.
Ogurtsov, V. - Removable attachment for electric trucks. p. 65.
Consultation. p. 66.
Brief news. p. 71.
From pages of foreign journals. p. 72.
Reference department. p. 74.

KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, no. 5, 1956.
Table of contents translated:
Work and tasks of the Nizhniy Tagil Coke Chemical Plant. p. 3.
TSynovnikov, A.S., Mustafin, F.A. - Utilizing coals with low caking power. p. 6.
Gusev, A.P., Duryshin, G.K. - Automatic proportioning of blended coal charge components. p. 9.
Alekseev, V.I., Avdeev, IU.E. - Centralized and automatic control of machines in a coal-preparation section. p. 12.
Volchenko, I.G., Shveiskii, IA.G., Tyrykin, A.I. - Enclosure for thawing frozen loads. p. 16.
Gorbunov, A.V., Kozeev, A.I. - Repair of columns and the replacement of doorframes in coke section no. 1. p. 19.
Berkutov, A.N., Kogan, L.A., Masina, TS.B. - Replacing the checker-brick of regenerators in coke battery no. 2. p. 23.
Permiakov, V.A., Slavgorodskii, M.V. - Operation of coke ovens of the PK-2K system without recirculation. p. 29.
Skorniakov, A.N., Zubaev, G.D. - Operation of coke oven equipment. p. 31.
Slavgorodskii, M.V., Skorniakov, A.N. - Loudspeaker communication between coke machines. p. 34.
Khasanov, G.G. - Reconstruction of the lowering platform for repairing coke-oven doors. p. 35.
Kotlik, B.E. - Means for improving the quality of absorbent oil. p. 36.
Karlinskii, L.E., Levantovich, I.A. - Continuous purification of crude benzol fractions. p. 40.
Cherkasov, N.Kh., Shapko, T.S., Shiroglazova, M.A. - Corrosion of primary gas coolers. p. 45.
Zorokhovich, G.IA. - Centralized lubrication of plant equipment. p. 49.
Anikeenko, N.N. - Automation and mechanization at the Nizhniy Tagil Coke Chemical Plant. p. 51.
Sopova, A.A., Runkova, N.V. - Problems relative to production cost. p. 59.
Cherkashin, P.M. - By-pass of a mixing machine of the disintegrator type. p. 61.
Skorniakov, A.N. - Position indicator for the car of a rolling transporter in a large lump coke bunker. p. 61.
Krushel'nitskii, P.A. - Unit for crushing pressed naphthalene. p. 62.
Reviakin, A.A. - Coal chemical industry of the German Federal Republic in 1955. p. 63.
E.Ch. - Using various testing methods for determining coking properties of coals. p. 64.
E.Ch. - Central distillation apparatus in Gelsenkirchen. p. 64.

No. 6, 1956.
Table of contents translated:
Shapiro, M.D., Al'terman, L.S., Keitel'gisser, N.S. - Coals of western Donets Basin as a raw material for coking. p. 3.
Korobchanskii, I.E., and others. - Investigating the process of selective crushing of some Donets Basin coals. p. 8.
Toporkov, V.IA. - Using coagulants for the clarification of sludge waters. p. 13.
Levin, E.B. - Enrichment of coals. p. 16.
Kashchenko, D.S., Sazonov, S.A. - Coke and its use in blast furnaces for the production of iron. p. 21.
Malzlin, B.S. - Mechanized opening of coke wharf gates. p. 26.
Stepanenko, M.A., and others. - Continuous charging in the operation of pitch coke ovens. p. 28.
Eidel'shtein, IA.M., and others. - Comments on R.Z. Lerner's article "Changing the layout of a coking section for considerable increase in the number of ovens per battery. p. 32.
E.Ch. - Effect of iron ore on coking properties of coal. p. 36.
Liplavk, I.L., Varshavskii, T.P., Cherkasov, N.Kh. - Investigating the settling process of fonts in tar in connection with steam injection. p. 37.
Kondukov, N.B. - Catalytic desulfurization of benzene under pressure. p. 42.
Potashnikov, M.M. - Production of commercial naphthalene by rectification of the naphtalene fraction. p. 46.
Kopelevich, G.V. - Increasing the yield of naphthalene during the crystallization of the naphthalene fraction. p. 49.
Gorodetskii, N.I. - Determining individual costs of coke, gas, and recovery products in the coking of coals. p. 51.
Medvedev, S.M. - Improve the training of specialists for the coke chemical industry. p. 55.
Zhirnov, A.M. - Increasing the wear-resistance of equipment used in the coke chemical industry. p. 57.
L.S. - Production of mixed coke and smokeless fuel. p. 62.
D.Z. - New continuous tar distilling installation. p. 63.
Samuil Borisovich Bamme. p. 64.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Published by Ministerstvo promyshlennosti prodovol'stvennykh tovarov SSSR [Ministry of the Food Products Industry of the U.S.S.R.]. Moscow, vol. 21, no. 5, 1956.
Table of contents translated:
New equipment for the perfume industry. p. 1.
Oils and fats industry at the All-Union Industrial Exhibition. p. 5.
Belikov, I.F. - Changes in protein complex of soya during its processing for oil extraction. p. 14.
Petrov, N.A. - Extend the fields of utilization of castor oil and its derivatives. p. 17.
Kozin, N.I., Khomutov, B.I. - Production of powdered fats (margarine and butter). p. 21.
Tiutiunnikov, B.N. - Characteristic of the "activity" of hydrogenated catalyzers. p. 25.
Ershov, M.G. - Vertical bucket excavator ensures the production of meal with low oil content. p. 27.
Sokol'nikov, N.P. - Use of equipment treated with bakelite in the production of essential and extracted oils. p. 30.
Gryzlov, G.D. - Crushing and fanning shop of the Pavlograd Oil Mill. p. 31.
Oils and fats industry. p. 33.
Perfume industry. p. 35.

Vol. 22, no. 6, 1956.
Table of contents translated:
Kulikov, V.M. - Utilization of phosphatide concentrate in stock raising. p. 1.
Rzhekhin, V.P. - Interaction of sugar and protein substances of oilseeds during processing. p. 3.
Baglai, G.I. - Refractometric method for determining the percentage of crushed cells in meats. p. 7.
Kopeikovskii, V.M., Zabelina, V.K., Shcherbakov, V.G. - Effect of moisture and some biochemical factors on the storage conditions of oil-rich flaxseeds. p. 9.
Irodov, M.V. - Losses of fats during their processing for glycerin. p. 13.
Klepikov, L.A. - Production of toilet soaps with 80% of fatty acids. p. 17.

Fainberg, E.E. - Determining the consumption of injected steam in glycerin distillation. p.18.
Rabinovich, A.IU., Skripchenko, E.S. - Secondary alkyl sulfates as washing products. p.19.
Man'kovskaia, N.K., Barsegian, I.V., Moskvina, G.I. - Effect of the composition of paraffins on the yield and quality of synthetic fatty acids obtained from them. p.20.
Bespiatov, M.P. - Saponification of oxidized paraffin with sodium carbonate under pressure. p.24.
Gul'chak, G.S. - Automatic regulation of continuous refining of fats in column type apparatus. p.26.
Utki-Otki, L.A., Kostenko, A.I. - The drive for mechanical boosters of FP prepresses. p.29.
Ermakov, B.F., Radomskii, V.P. - Using anthracite dust. p.30.
Lysiakov, M.P. - Standard vessels for checking the precision of radio moisture meters. p.31.
Tovbin, I.M. - TLM apparatus in the production of scented liquids. p.32.
Gil'dshtein, N.N. - The book by V.A. Zhulidov "Procurements and purchases of oilseeds." p.33.
Veitkevich, S.A. - The book by R.A. Fridman "Perfumery." p.34.
Review of magazine articles on the oil, fat, perfume and cosmetics industries. p.36.
Outsession of a section of the Scientific Council of the All-Union Scientific Research Institute of Fats at the Uch-Kurgan Oil Extraction Plant. p.38.
In the Technical Council of the Ministry of the Food Products Industry. p.38.
Results of all-Union socialist competition in the second quarter of 1955. p.39.

MOSCOW. NAUCHNYI INSTITUT PO UDOBRENIAM I INSEKTOFUNGISIDAM. (Trudy) [SCIENTIFIC INSTITUTE OF FERTILIZERS AND INSECTOFUNGICIDES. (Transactions)]. No. 156, 1955. Dusty, emul'sii i suspenzii dikhlordifeniltrikhloretana (DDT) i geksakhlortsiklogeksana (GKhTsG). [Dusts, emulsions and suspensions of dichloro-diphenyl-trichloro-ethane and hexachloro-cyclohexane].

Table of contents translated:
Shogam, S.M. - Mechanism of the preparation of powder-type insecticides and ways of intensifying their production. p.5.
Shogam, S.M., Bezzub, K.E. - Basic factors determining the quality of DDT dusts. p.18.
Shogam, S.M. - Degree of dispersion in DDT and hexachloro-cyclohexane powders and dusts. Fractional distribution of the active principle in dusts. p.22.
Shogam, S.M., Fen'kova, E.I. - Kinetic method for determining the $\gamma$ -isomer of hexachloro-cyclohexane in dusts and concentrated products. p.30.
Gar, K.A. - Study of factors influencing the effectiveness of various types of DDT dusts in controlling shield bugs. p.36.
Gar, K.A. - Dusting and settling properties of DDT and hexachloro-cyclohexane. p.45.
Gar, K.A., Chernetsova, V.I. - Stability in the toxic action of hexachloro-cyclohexane and DDT dusts under various conditions. p.55.
Vol'fson, L.G., Mel'nikov, N.N. - Effect of fillers on the stability of DDT dusts. p.64.
Gar, K.A., and others. - Using the ash from Cottrell filters of electric power stations as filler in preparing dusts. p.73.
Bezuglyi, S.F. - Studies on concentrated insecticidal emulsions of DDT and hexachloro-cyclohexane. p.90.
Bezuglyi, S.F. - Concentrated emulsion of anthracene oil. p.129.
Bezuglyi, S.F. - Colloidal stability of homogenized DDT and hexachloro-cyclohexane emulsions. p.139.
Bezuglyi, S.F. - Adsorption of sulfite liquor in DDT emulsions. p.147.
Pokrovskii, E.A. - Insecticidal mineral-oil emulsions with DDT and hexachloro-cyclohexane added. p.154.
Pokrovskii, E.A. - Concentrated emulsion of anthracene oil as a product used for destroying insects in the hibernation stage. p.174.
Kuperman, M.E., and others. - Aqueous suspensions of powder and paste-type DDT and hexachloro-cyclohexane compounds used for spraying. p.187.
Kuperman, M.E., and others. - Aqueous suspensions of 15% and 20% DDT compounds used for spraying. p.199.
Pokrovskii, E.A. - Insecticidal DDT and hexachloro-cyclohexane compounds to be used in aqueous suspensions. p.201.
Gari, K.A., Zakharov, IU.G. - Electric anemometer for measuring low air speeds. p.210.
Pokrovskii, E.A., Vel'kevich, V.I. - Effect of temperature and light on reducing the toxicity of DDT and hexachloro-cyclohexane compounds. p.214.

No. 157, 1955. Granulirovannyi superfosfat [Granulated superphosphate].

Table of contents translated:
Preface. p.4.
Gofman, L.L., and others. - Developing the technology of granulated superphosphate production. p.7.
Grachev, D.G. - Improving the drillability of granulated superphosphate having granules of 1-4 and 2-4 millimeters. p.61.
Sokolov, A.V. - Comparative tests with granulated, neutralized, ammonified and ungranulated superphosphates; results of field experiments. p.74.
Sokolov, A.V. - Experiments with superphosphates and other phosphorus fertilizers on Sierozems. p.113.
Sokolov, A.V. - Testing the effectiveness of granulated superphosphate having granules of various sizes; results of field experiments. p.137.
Koritskaia, T.D. - Using granulated superphosphate in plant growing tests. p.145.
Babenko, N.V. - Using ordinary (acid), ammonified and neutralized granulated and powder-type superphosphates in plant growing tests. p.162.

MOSCOW. TEKHNOLOGICHESKII INSTITUT PISHCHEVOI PROMYSHLENNOSTI. Trudy [TECHNOLOGICAL INSTITUTE OF THE FOOD INDUSTRY. Transactions], vol. 4, 1956. Tekhnologiia i tekhno-khimicheskii kontrol' khlebopekarnogo proizvodstva [Technology and technochemical control in the baking industry].

Table of contents translated:
Introduction. p.3.
Lykov, A.V., Auerman, L.IA., Ginzburg, A.S. - Investigating the heat and mass exchange in capillary-porous bodies with methods based on the theory of similitude as applied to the processes of drying and baking. p.5.
Auerman, L.IA., Maslikhova, G.D., Ostrovskii, IA.G. - Determining the baking quality of purified whole rye flour by the electroconductivity of the water-flour suspension. p.19.
Mys'kov, V.A., Auerman, L.IA. - Baking quality of break and bolted rye flour and methods for determining it. p.22.
Liushinskaia, L.I., Auerman, L.IA. - Improving the baking quality of germinated rye by drying. p.34.
Kuramshin, IU.N., Auerman, L.IA. - Comparative experimental evaluation of methods for determining the baking quality of compressed yeast. p.44.
Kuramshin, IU.N., Auerman, L.IA., Ostrovskii, A.I. - Determining the baking quality of compressed yeast by the rising of the dough ball to the surface of water. p.51.
Auerman, L.IA., Ginzburg, A.G. - Preliminary activation of compressed yeast in bread baking. p.54.
Ostrovskii, IA.G., and others. - Relationship between the final rising period and the electroconductivity of the dough. p.58.
Auerman, L.IA., and others. - Use of electric contact heating for preparing scalded wheat flour mash and for investigating the saccharification of mash. p.62.
Ostrovskii, IA.G. - Investigating the electric contact baking of wheat bread. p.71.
Auerman, L.IA., and others. - Zwieback from rye bread baked by electric contact heating. p.82.
Nazarov, N.I. - Technological calculations pertaining to the continuous process of dough preparation. p.86.
Puchkova, L.I., Chistova, V.S. - Effect of added phosphatide concentrates on the technological process of wheat bread manufacture. p.96.
Enikeeva, N.G., Auerman, L.IA. - Amylographic investigation of bread staling. p.105.
Auerman, L.IA., Rakhmankulova, R.G. - Organoleptic methods for evaluating the degree of freshness of bread. p.118.
Auerman, L.IA., and others. - Determining the degree of staleness of wheat bread by the compressibility and crumbling capacity of the soft part of the bread. p.121.
Shcherbatenko, V.V., Auerman, L.IA., Gogoberidze, N.I. - Losses of dry matter and moisture in the process of bread manufacture. p.127.
Gogoberidze, N.I., Auerman, L.IA., Shcherbatenko, V.V. - Investigating the effect of the heating kinetics of baking on the quality of rye bread. p.133.

STEKLO I KERAMIKA [GLASS AND CERAMICS]. Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Manufacturing Industry of the U.S.S.R.]. Moscow, vol. 13, no. 8, Aug. 1956.

Table of contents translated:
Perov, A.G. - Influence of technological factors and design of tank furnaces of the formation of bubbles in the glass batch. p.1.
Bokin, P.IA. - Calculating the technological process of grinding and polishing plate glass. p.6.
Pichugin, E.F. - Determining Young's modulus for silicate glasses. p.10.
Akh"ian, A.M. - Correlation between the structure of ceramic specimens and the methods of processing it. p.11.
Lepilkina, L.A. - Reasons for cracks in ceramic specimens in the process of drying. p.15.
Gartsman, B.M., Rutkovskii, N.A. - Ceramic building materials industry during the sixth five-year plan. p.23.
Bondarev, K.T., Malevannyi, I.V. - Cutting glass with abrasive saws. p.27.
Borisov, K.I. - Glass manufacture in Poland. p.30.
Test furnaces for the manufacture of glass by blowing flame gases into the glass batch. p.31.
Corundum balls for mills. p.32.

Vol. 13, no. 9 Sep. 1956.

Table of contents translated:
Kitaigorodskii, I.I., Rostovtseva, K.I. - Manufacture of multicolored decorative ceramics by single roasting without saggers. p.1.
Shteinberg, IU.G. - Methods of examining glazes. p.4.
Solomin, N.V., and others. - Manufacture and industrial testing of "bakor." p.9.
TSaritsyn, M.A., Bogdanova, G.S. - Investigating stresses in cemented glass tiles. p.15.
Indenbom, V.L. - Stresses in plate glass and methods of measurement. p.18.
Minakov, A.G., Dubrovskaia, T.S. - Some chemical processes used in the polishing of glass. p.23.
Zhilin, A.I. - Use of pulverized quartz in the manufacture of glass. p.26.
Stepanenko, M.G. - Design of a glass tank furnace. p.27.
Kurdiumov, K.P. - Spray gun for lubricating molds in the manufacture of glass containers. p.29.
Fateev, A.A. - Water cooling of a rotary fritting furnace. p.30.
Shuster, R.L. - Utilization of foam glass wastes. p.30.
Budnikov, P.P., Barzakovskii, V.P. - Manufacturing glass of high silica-alumina content in the Chinese People's Republic. p.31.
Increasing the assortment of sanitary ceramics in the United States. p.32.
Polisher for simultaneous polishing of sheet glass on both sides. p.32.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 1, Jan.-Feb. 1956.

Table of contents translated:
From the editor. p.3.
Bogomolov, K.S. - Identity of two stages in latent image formation affected by charged particles and visible light. p.6.
Kartuzhanskii, A.L. - Critical frequency of intermittent illumination of photographic films and relaxation processes in emulsion crystals. p.10.
Bogomolov, K.S., Dobroserdova, E.P., Zharkov, V.N. - Quantitative investigation of the photographic action of electrons with varying energy. Part 1. Experimental study of electron sensitivity in emulsions digested to a varying degree. p.19.
Gorokhovskii, IU.N., Kniunchina-Liksne, A.N. - Temperature dependence of the kinetics of color development in multilayer color films. p.23.
Mikhailov, V.IA. - Effect of developing conditions on light sensitivity and on the color balance of the film negative. p.29.
Kilinskii, I.M., Moshkovskii, IU.Sh. - Variations in the color balance of multilayer positive motion-picture films having reduced-size exposure fields. p.39.
Sheberstov, V.I. - Molecular yield in the reduction of silver bromide by hydroquinone. p.42.
Goldovskii, E.M. - The essential proportions of a wide screen. p.45.
Iordanskii, A.N. - Influence of the structure of multilayer color photographic materials on their resolving power and on the sharpness of the image. p.52.
Lialikov, K.S. - Theory of the latent image. p.56.
Markhilevich, K.I. - General principles of the rapid processing of photographic materials. p.60.
Markhilevich, K.I. - Bases used in formulas for the rapid processing of photographic materials. p.63.
Bongard, S.A. - Use of multilayer color films in the Technicolor method of color cinematography. p.67.
Mikhailov, V.IA. - Increasing the interpretability of color shots. p.70.
K.V.Ch. - The coming International Conference on Scientific Photography. p.71.
V.G.P. - The Second International Congress on High-Speed Photography and Cinematography. p.71.
E.M.G. - The Fourth International Conference of Microfilming. p.73.
V.G.P. - Fifty-second annual exhibition of a French physics society. p.74.
Ushagina, V.I. - New books on photography and cinematography published by "Iskusstvo." p.75.
Chibisov, K. - "Principles of the theory of photographic processes." 2. ed. IA.M. Kntushev and V.I. Sheberstov. p.77.
Istomin, G.A. - "Advances in scientific photography." Vol. 3. p.78.
Sheberstov, V.I. - "Photography, its materials and processes" [in English]. 5. ed. C.B. Neblette. p.79.

Vol. 1, no. 2, Mar.-Apr. 1956.

Table of contents translated:
Nesterovskaia, E.A. - Breakdown of color centers in a fine-grain silver-bromide emulsion subjected to various temperatures and illumination. p.81.
Bogomolov, K.S., Dobroserdova, E.P., Zharkov, V.N. - Quantitative investigation of the photographic action on electrons with varying energy. Part 2. Dependence of the electron sensitivity of photographic emulsions on the size of the emulsions' microcrystals. p.84.
Grokhotov, V.A., Moiklar, P.V. - Heat treatment of silver bromide crystals in the gelatin and in a vacuum. p.89.
Broun, Zh.L., Kirillov, E.A., Chibisov, K.V. - Spectrophotometric analysis of the chemical sensitivity of photographic emulsions. p.96.
Borin, A.V. - Absorption spectra of dibenzothiocarbocyanine dyes in aqueous gelatin solutions. p.111.
Sheberstov, V.I., Borodkina, M.S. - Study of temperature coefficients in photographic developing. Part 1. Temperature coefficients in developing with substances differing sharply in the degree of selective activity. p.118.
Funshtein, L.V. - Pseudophotographic effect occurring following the radiography of tissues. p.122.
Chernyi, I.A. - The present status of narrow-film cinematography and the choice of the film format. p.127.

[illegible], [illegible] – [illegible] p. 159

[illegible], [illegible] – [illegible] p. 159

Mandel'shtam, [illegible] – [illegible] p. 159

Mandel'shtam, [illegible] – [illegible] p. 159

Nikolaev, [illegible] – [illegible] p. 159

Rabinovich, [illegible] – [illegible] p. 159

[illegible], [illegible] – [illegible] p. 159

[illegible], [illegible] – [illegible] p. 159

[illegible],

B 16d

Using welding in monolithic finishing of hollow precast panels for earthquake areas. p. 301.
Device for approximate determining of strength of concrete details. p. 302.
Investigating the interaction of the cement and fillers. p. 303.
Discussing the article "Some problems of calculating reinforced concrete elements according to new standards." p. 304.

No. 9, Sep. 1956.

Table of contents translated:

Improve the quality of plain and reinforced concrete construction elements. p. 305.
Zhukovskii, A. B. - Means of lowering the cost of precast reinforced concrete. p. 307.
Narizhnyi, V. A., Artemtsev, V. P. - Precast concrete products plant in Kiev. p. 310.
Elinzon, M. P. - Porous fillers for lightweight concretes. p. 314.
Soroker, V. I., Dain, A. I., Dovzhik, V. G. - Screened crushed-stone concrete for reinforced concrete products plants. p. 320.
Imil', A. I. - Structural properties of concrete prepared by various methods. p. 323.
Precast reinforced concrete at the Moscow Exhibition of New Construction Technology. p. 326.
Tapered anchor bolts with iron rings for prestressed reinforced construction. p. 330.
Modern reinforced-concrete long-span bridges abroad. p. 334.
Conference on prestressed reinforced concrete. p. 336.
Calculation tables for collars in bent reinforced concrete construction elements (according to Scientific Research Engineering Instructions 123-55). p. 338.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 13, no. 8, Aug. 1956.

Table of contents translated:

Important tasks of builders. p. 1.
Poliakov, V. I., Fokht, L. G. - New construction cranes for assembling precast reinforced concrete elements. p. 3.
Vlasov, S. T. - Transporting packaged wall-building materials on trays. p. 8.
Braude, Z. I. - New solutions in designing steel construction elements for industrial buildings. p. 12.
Zaitsev, S. P. - Economic indicators for the evaluation of work production methods in underground pipe laying. p. 16.
Kapskii, S. K. - Precast foundations for 3 to 5-story buildings. p. 19.
Adilkhodzhaev, A. A. - Investigating the use of loess type argillaceous soils for masonry mortars. p. 20.
Nekhoroshev, A. V. - Precast reinforced concrete clarifying tanks. p. 22.
Gotsdiner, S. G. - Mounted equipment for the D-222 scraper used in levelling. p. 25.
Luk'ianov, G. S. - Placing of concrete. p. 27.
New technical specifications for planning automobile roads in industrial enterprises. p. 28.
The All-Union State Standards for steel casements for lighting installations in industrial buildings. p. 31.
Regulations on introducing changes in approved plans and estimates. p. 32.
Using two-story brick heating furnaces. p. 33.
The All-Union State Standards for roofing paper. p. 34.
Supplement to "Fire prevention standards in the planning of industrial and residential buildings" (N 102-54). p. 35.
Changes of "Fire prevention standards in the planning of industrial and residential buildings (N102-54) and "Building norms and specifications." p. 35.
Changes in the All-Union State Standards. p. 36.
Corrections for "Technical specification for producing and inspecting construction and assembly work." p. 37.
Krichevskaia, E. I. - Precast reinforced concrete poles for transmission lines. p. 38.
Pits and trench silos built of precast reinforced concrete elements. p. 43.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Published by Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U. S. S. R.]. Moscow, vol. 25, no. 7, Aug. 1956.

Table of contents translated:

Zhimskii, A. A. - Damming the Syr Darya at the Kairak-kum hydroelectric power project. p. 1.
Gadzhiev, A. B. - Concrete placing methods in the construction of the Kakhovka Hydroelectric Power Station. p. 4.
Lipovetskii, M. A. - Concrete with the use of concrete pumps in constructing the Gorkiy Hydroelectric Power Station. p. 9.
Medvedev, V. M., Nikanorov, A. A. - On the problem of joints between shell-slabs. p. 16.
Dolidze, V. I. - Combined use of shell-slabs and massive concrete construction. p. 19.
Viazemskii, O. V., Ershov, D. F. - Some special features in damming the Volga River at the city of Uglich. p. 21.
Moiseev, S. N. - On the steepness of slopes in foundation pits. p. 24.
Denisov, P. V. - Driving reinforced concrete piles by the wash method using compressed air. p. 26.
Gleizer, B. A. - Evaluation of the effectiveness of using anti-seepage surfacings in canals. p. 29.
Kotul'skii, V. V. - Determining the calculated radius of a depression and the flow of water for circular water lowering installations. p. 33.
Melent'ev, V. A. - Volumetric weight of the soil skeleton of hydraulic fill dams. p. 36.
Shchavelev, D. S. - Selecting calculated head pressure for turbines. p. 40.
Egiazarian, B. O. - Approximate calculation of irregular movement of water downstream from a hydroelectric power station under daily regulation. p. 48.
Bogdanov, G. G. - Calculating the length of hydraulic jumps. p. 51.
Zagriazhskii, A. A. - Letter to the editors. p. 53.
Danilenko, T. S. - Lateral leveling for high metal structures. p. 54.
Mazur, A. M. - Current experience in planning and constructing underground hydroelectric power stations. p. 57.
From the pages of foreign periodicals. p. 63.
Vyzgo, M. S. - Letter to the editors. p. 64.

Vol. 25, no. 8, Sep. 1956.

Table of contents translated:

Eristov, V. S. - Improve the quality of work in building hydroelectric power station projects. p. 1.
Vasilevskii, G. A. - Some characteristics of design and construction of the Tereblya-Rika Hydroelectric Power Station. p. 5.
Zagriazhskii, A. A. - Using a hydraulic ore concentrator for washing and grading gravel and sand. p. 10.
Ditrikh, IU. V., Smorodinov, M. I. - Automatic caisson sinking. p. 14.
Ordelli, M. A. - Screw piles in hydraulic engineering. p. 18.
TSiskreli, G. D. - Review of All-Union State Standard 4286-48 "Plain and reinforced concrete elements for hydraulic structures." p. 21.
Znachko-IAvorskii, I. L. - Using slag portland cement in hydraulic engineering. p. 25.
Osipov, A. D. - Determining the tensile strength of concrete. p. 28.
Sokolov, I. M. - Eliminate shortcomings in hydroelectric power station equipment. p. 31.
Al'terman, D. Z., Dzhikiia, Sh. K. - Introducing automatic control on the water course of a hydroelectric power station of the Georgian Electric Power Administration. p. 34.
Poretskin, M. O., Tomberg, Kh. IA. - Experience in using joint seals in hydraulic structures. p. 39.
Radzikhovskii, B. M. - Oscillograph recording of hydraulic impact in high-pressure pipelines in hydroelectric power stations. p. 41.
Pyshkin, B. A. - Calculating the reinforcement of rock fill earthen embankments. p. 43.
Pavlovskii, S. S. - Determining the speed of scour below dams. p. 45.
Lobanov, I. Z. - Allowing for horizontal stresses in calculating subsidences. p. 51.
Besser, IA. R. - Notes on the article "Experience with using concrete pumps in building the Gorkiy Hydroelectric Power Station," p. 54.
Terman, I. A. - Fifth world power engineering conference. p. 56.
From the pages of journals. p. 59.
Articles on hydraulic engineering, hydroelectric power and related fields. p. 64.
Information. p. 3 of cover.

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Council of Workers' Deputies]. Moscow, vol. 30, no. 7, July 1956.

Table of contents translated:

Lebedev, D. P. - Improve housing conditions in the capital in every way. p. 1.
Kulotyrkin, I. M. - Problems for the further improvement in utilizing Moscow's gas industry. p. 5.
Makarov, A. D. - Improve the servicing of gas-operated equipment in apartment houses. p. 9.
Knapp, K. K., B. A. Epshtein. - Anticorrosion protective device against gas combustion products in gas water heaters. p. 11.
Sladkov, S. P., E. S. Makhover. - Automatic draft signal for gas flues of water heaters activated by rarification. p. 13.
Aristarkhova, M. V. - Odorizing gas. p. 15.
Savenkov, R. A. - For efficient utilization of apartment house heating systems. p. 17.
Postnikov, M. A., G. L. Kotov. - On the activity of the permanent housing commissions of the local Soviets of the city of Moscow. p. 20.
Shmatkov, IA. P. - Some problems of garage construction in Moscow. p. 23.
Fel'dman, S. R. - Efficiency innovators and inventors of Moscow's local industries. p. 27.
Sidorov, V. A., G. E. Shmukler. - Automatic feeder for hot-water heating systems. p. 31.
Vels, L. E. - Experience abroad with luminescent street lighting. p. 33.
Guliaev, N. F. - Against propaganda of technical backwardness in city sanitary engineering ("Sanitary engineering for populated places," D. B. Figuta). p. 36.
Brief news. p. 38.
On materials from "Gorodskoe khoziaistvo Moskvy." p. 39.

Vol. 30, no. 8, Aug. 1956.

Table of contents translated:

Kalashnikov, A. M. - Constant improvement of cultural and material services to the people of Moscow. p. 1.
Platnikov, N. P., Chelnokov, S. S. - Introducing new technique into the economy of the Moscow Soviet during the sixth five-year plan. p. 4.
Kovalev, A. IA., Nikolaevskaia, Z. A. - Greater attention to landscaping of the capital's new districts. p. 8.
Gorin, G. S. - A more rapid development of Moscow's water supply and sewage system. p. 13.
Trakhtman, N. N., Skidal'skaia, R. I. - Measures for combating the pollution of Moscow River. p. 15.
Vladimirov, V. A., Goncharov, A. V. - Coordinated regulation of street traffic in Moscow. p. 18.
Smirnov, L. N., Knorre, V. E. - Construction of concrete roads in the city. p. 22.
Azarov, S. P. - Ways of reducing the cost of washing linen in communal laundries. p. 27.
Matveev, M. A., Smirnova, K. A. - Porous ceramic tiles for the aeration of drainage water. p. 30.
Kharitonenko, N. V. - Efficiency workers and innovators in the field of street and bridge maintenance. p. 32.
Liberman, K. L. - Architectural and construction practice in the Czechoslovak People's Republic. p. 35.
Calender. p. 38.
Conference of readers of "Gorodskoe khoziaistvo Moskvy." p. 39.
Ovsienko, I. I., Mirzueva, N. N., Kirillov, M. E. - Finish the landscaping and planting of the yards. p. 3 of cover.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 13, no. 8, Aug. 1956.

Table of contents translated:

We shall meet "Builder's Day" with achievements in the mechanization of construction work. p. 3.
Kitashev, I. S. - Industrial production of concrete reinforcements. p. 7.
Dul'kin, V. IA. - Progressive method of welding reinforcements during erection. p. 10.
Bardyshev, A. A. - Using cranes in constructing buildings for hydroelectric power stations. p. 20.
Bashmakov, N. A., Gristuk, F. F. - Experience with using the T-166 vibrating machines. p. 25.
Mikhailov, B. V., Lomokhov, V. N., Rudolarov, L. I. - Use of electric heating in concrete work during the winter of 1955-1956. p. 29.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VODOSNABZHENIIA, KANALIZATSII, GIDROTEKHNICHESKIKH SOORUZHENII I INZHENERNOI GIDROGEOLOGII. Gidravlicheskaia laboratoriia. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF WATER SUPPLY SEWAGE SYSTEMS, HYDRAULIC ENGINEERING STRUCTURES, AND ENGINEERING HYDROGEOLOGY. Hydraulic Laboratory. Transactions]. No. 3, 1952.

Table of contents translated:

Foreword. p. 3.
Obrazovskii, A. S. - Generalized law of the circulation of liquids. p. 4.
Obrazovskii, A. S. - Chain function for open flow and its main consequences. p. 13.
Latyshenkov, A. M. - Calculating channels by means of unitary flow characteristics. p. 26.
Vaisfel'd, I. A. - Calculating the repeated rebound of waves in hydrostation feeder channels. p. 35.
Ofitserov, A. S. - Erratic waves and the wave system in ports. p. 49.
Zrelov, N. P. - Laboratory investigation of a periodic operation sedimentation basin. p. 62.
Sokolov, V. G. - Investigation of aeration in the flow of water in a model spillway hydroelectric power station. p. 87.
Ofitserov, A. S. - Measuring waves in three-dimensional models. p. 96.
Zrelov, N. P. - Designing a microvane device for measuring water flow at slow speeds. p. 104.

No. 4, 1955.

Table of contents translated:

Foreword. p. 3.
Ofitserov, A. S. - Wave investigation for the water area of ports. p. 4.
Vaisfel'd, I. A. - Laboratory investigation of marine water intake works. p. 20.
Latyshenkov, A. M. - Selecting the configuration and designing stream directing dams for floodlands. p. 38.
Studenichnikov, B. I. - New type of water intake works for mountain rivers. p. 73.
Obrazovskii, A. S. - Utilizing the degree of dependence in the construction of a model structural mechanism showing open turbulent flow. p. 80.
Zrelov, N. P. - Generalized formula for the speed of particle sedimentation in a nonmoving liquid. p. 110.
Ofitserov, A. S., Sokolov, V. G. - Effect of ejection on a hydroelectric power station combined with a spillway dam. p. 104.

NOVAYA TEKHNIKA I PERedovoy OPYT V STROITEL'STVE [NEW TECHNIQUE AND ADVANCED EXPERIENCE IN CONSTRUCTION] Organ of Ministerstva [illegible] Ministry of Construction of the U.S.S.R.] Moscow, vol. [illegible], no. [illegible], 1957
Table of contents translated:
Builder's Day, p. 1
Life-long workers and [illegible] of the Ministry of the Construction Materials Industry of the U.S.S.R., p. 2
Bulkin, N. I. - Steel [illegible] assembly work methods of the Ministry of the Construction Materials Industry of the U.S.S.R., p. 10
Vasilkov, L.N. - Mechanization and [illegible] of the Ministry of the Construction Materials Industry of the U.S.S.R., p. 15
Mironov, A.P., Bolshakov, V.N. - Erection of [illegible] for assembly [illegible] and [illegible], p. 18
Gerasimov, P.N. - Advanced methods of [illegible] Prefabricated Reinforced Concrete Elements at Central Plants in Moscow, p. 20
Ivanov, I.V. - Increasing the [illegible] of [illegible] Materials Industry in Moscow, p. 22
Orlov, A.M. - Automatic [illegible] for [illegible] Concrete Products, p. 24
Zaitsev, V.A., Kuznetsov, S.M. - [illegible] for [illegible] and [illegible], p. 26
Shevchenko, A.K. - Advanced [illegible] of Reinforced Concrete Products, p. 28
Fedorov, N.G. - Mechanization of [illegible] in the Ministry of the Construction Materials Industry of the U.S.S.R., p. 30
Petrov, S.V. - [illegible] Concrete Products Plant No. [illegible] in Moscow, p. 32

Vol. 10, no. 8, Aug. 1958
Table of contents translated:
[illegible] Ministry of Construction Materials Industry of the U.S.S.R.
Ivanov, P.S. - Automatic [illegible] for Reinforced Concrete Products, p. 1
Sokolov, V.N., Petrov, G.I. - Mechanization of [illegible] Operations in Concrete Plants, p. 5
Fedorov, S.M. - Steam Curing of Concrete Products, p. 9
Kuznetsov, A.V. - Quality Control in Concrete Production, p. 12
Morozov, I.K. - Organization of Production at Reinforced Concrete Plants, p. 15
Belov, N.A. - Transport and Storage of Reinforced Concrete Products, p. 18
Smirnov, V.P. - Economic Efficiency of Mechanization, p. 21
Orlov, M.S. - Safety Measures in Concrete Plants, p. 24
Titov, A.G. - Training of Workers for Concrete Plants, p. 26
Kozlov, D.F. - Experience of Leading Concrete Plants, p. 28
Ivanova, L.P. - Bibliography, p. 30

Vol. 11, no. 9, Sept. 1959
Table of contents translated:
[illegible] Ministry of Construction Materials Industry of the U.S.S.R.
Petrov, A.I. - Development of the Concrete Industry in the Seven-Year Plan, p. 1
Sidorov, N.K. - Mechanization and Automation of Production Processes, p. 4
Volkov, G.M. - Quality Control and Standardization, p. 8
Fedorova, T.S. - Economic Indicators and Cost Reduction, p. 11
Kuznetsov, V.I. - Organization of Labor and Wages, p. 14
Morozov, P.A. - Safety and Industrial Hygiene, p. 17
Belova, A.N. - Training and Qualification of Workers, p. 20
Smirnov, K.L. - Transport and Handling of Materials, p. 23
Orlov, V.M. - Steam Curing and Heat Treatment, p. 26
Ivanov, S.P. - Reinforcement and Prestressing, p. 29
Gerasimov, F.K. - Concrete Mixtures and Aggregates, p. 32
Titova, N.V. - Bibliography, p. 35

STROITEL'NAYA PROMYSHLENNOST' [BUILDING INDUSTRY] Organ of Ministerstva stroitel'stva [Ministry of Construction] Moscow, vol. 36, no. 8, Aug. 1958
Table of contents translated:
Nikolaev, I.P. - Mechanization and Automation in the Production of Reinforced Concrete Products, p. 1
Fedorov, S.M. - Steam Curing and Heat Treatment of Concrete, p. 5
Morozov, A.K. - Quality Control and Standardization in Concrete Production, p. 9
Petrova, L.N. - Economic Efficiency of Mechanization, p. 13
Sidorov, V.P. - Organization of Labor and Wages, p. 16
Kuznetsov, G.I. - Safety and Industrial Hygiene, p. 19
Belova, T.A. - Transport and Handling of Materials, p. 22
Orlov, N.S. - Training and Qualification of Workers, p. 25
Ivanov, K.M. - Reinforcement and Prestressing, p. 28
Gerasimova, O.P. - Concrete Mixtures and Aggregates, p. 31
Titov, A.V. - Bibliography, p. 34

Vol. 34, no. 9, Sept. 1958
Table of contents translated:
Speeding up and Improving the Quality of Construction Work under Cold Weather Conditions, p. 1
Gerasin, M.G. - Experience in Erecting Coal Towers and Silo-type Structures, p. 4
Gerasimov, S.P., Volkov, A.A. - Earthwork under Cold Weather Conditions, p. 7
Gulyaev, M.I. - Experimental Testing of Machines and for Working Frozen Ground, p. 11
Nikolaev, A.I. - Mechanization of the Erection of Reinforced Concrete Structures, p. 14
Sidorov, N.K. - Concrete Work in Winter, p. 17
Petrov, G.S. - Heating Concrete by Electrical Means, p. 20
Kuznetsov, V.M. - Quality Control of Concrete Work, p. 23
Morozova, T.I. - Safety Measures in Cold Weather Construction, p. 26
Belov, A.N. - Organization of Labor and Wages, p. 28
Fedorov, S.K. - Economic Efficiency of Winter Construction, p. 30
Ivanova, L.P. - Bibliography, p. 32





Nikolaev, A.N., Ivanchenkov, V.G. - Introducing the use of [illegible] reinforced concrete elements on projects built in the Urals region, p. 12,
Shestin, G.V., Kolesnik, M.M. - Precast reinforced concrete girders for arched roofs of industrial buildings, p. 16,
Malakhov, A.A. - Effect of the heat treating of high-carbon steel on physical and mechanical properties, p. 20,
Mezhibor, V.M., Ivanchikov, N.N. - Use of polychlorobenzene resin for cold weather conditions, p. 22,
Gorelik, M.A., Shafranovich, N.N. - Influence of hydrochloric [illegible] on [illegible] concrete and the effect of chloride [illegible] reinforced by [illegible] Ural [illegible], p. 24,
Sherstnev, V.A. - Effect of calcium chloride admixtures on the [illegible] of mortar, p. 26,
Dvorkovich, A.S. - Standardizing additional expenditures in concrete work performed under cold weather conditions, p. 29,
Ivanov, A.P., Ignatiev, I.M. - Mobile [illegible] Manuals, p. 31,

STROITEL'NYE MATERIALY, IZDELIYA I KONSTRUKTSII [BUILDING MATERIALS, PRODUCTS, AND DESIGNS] Organ of Ministerstva promyshlennosti stroitel'nykh materialov RSFSR [Ministry of the Building Materials Industry of the R.S.F.S.R.] Moscow, vol. 3, no. 1, July 1958
Table of contents translated:
Dikerman, Ya. - Efficient materials for constructing [illegible], p. 6,
Vasilkov, I., Mikhailov, N. - Consolidation of concrete, p. 9,
Silberman, M., Alexandrov, K. - Polyester laminate [illegible], p. 11,
Kuznetsov, I. - Automatic control of steaming process in [illegible] concrete, p. 14,
Orlov, A., Markov, N. - Thermal calculations of reinforced concrete elements of large dimensions, p. 16,
Belyaev, A., Ivanov, A. - Technological requirements for operation of [illegible] for [illegible], p. 20,
Sokolov, V. - Economic [illegible] for transportation of [illegible] concrete, p. 23,
Gorbunov, P. - Electric [illegible] for [illegible] in the Urals, p. 26,
Mikhailov, N. - [illegible] of [illegible] for [illegible] and [illegible], p. 29,
In [illegible] of Initiative, p. 27,
[illegible] about [illegible], p. 31,
[illegible], p. 32,

Vol. 2, no. 8, Aug. 1958
Table of contents translated:
[illegible] Plan, p. 1,
Orlov, N. - Progressive Construction for Moscow [illegible], p. 3,
A Mechanized Plant for Reinforced Concrete Elements, p. 6,
Antonov, I. - Problems of Technical Progress in the Concrete Industry, p. 7,
Mechanization of Concrete [illegible], p. 10,
Tikhov, A., Mikhailovskii, I., Shishlyannikov, M. - Large Block Wall Materials made of [illegible], p. 11,
Nikolaev, P. - Molding Building Ceramics from Highly Mineralized Materials, p. 13,
Kuznetsov, V., Sokolov, N. - Rapid Construction Line - Chamber and Tool Carrier, p. 15,
Nikonorov, M., Stepanov, I. - Volumetric Weight of Concrete Products, p. 18,
Simon, V. - Steel Containers, p. 19,
Egorov, N. - Advanced Practices Introduced, p. 20,
Mikhailov, A., Nikonorov, N. - Two Thousand Kilograms of Lime from One Cubic Meter Furnace, p. 21,
Mikhailov, K. - A Plant for Processing Filler Material, p. 22,
Shlapentokh, V. - The Use of Electronic Units in Brick Manufacture, p. 25,
Nikonorov, N. - Plants made of Local Clay used in Silicate Production, p. 26,
Bardachevskii, V. - Hollow Foundation Blocks, p. 28,
Bardachevskii, V. - Determining the Amount of Water to be used in Control Mixing of Clay Materials, p. 27,
Shishkovskii, N. - Increasing the Water Resisting Property of a Mixture of Gypsum and Concrete by Modification of Its Basic Components, p. 27,
Malyuev, M., Smirnova, N. - Pneumatic Blow for Pneumatic Conveying of Pulverized Materials, p. 28,
Tsyurikov, A. - Porosity of Vacuum Treated Ceramic Elements, p. 29,
Bergauer, G. - The Manufacture of Brick and Tile in the Chinese People's Republic, p. 30,
Magrakhili, V. - Large Gypsum Panels, p. 32,
Nalepkov, A., Piragovskii, N. - Materials of Wood Waste without Admixtures, p. 33,
Thorn has concrete, p. 35,
In the recent workers' city, p. 37,
Negrovi, M. - A useful book about construction practices in foreign countries ("Production of ceramic building materials in Czechoslovakia." A.N. Khokhol) p. 38,
The bookshelf, p. 39,

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY] Organ of Ministerstva transportnogo stroitel'stva [Ministry of Construction for the Transportation Industry] Moscow, vol. 8, no. 7, July 1958
Table of contents translated:
Editorial: Electrification is the most important link in the technical modernization of railroad transport, p. 1,

B 16d - e

Voronin, A. V. - New technology in railroad electrification. p. 4.
Gruber, L. O. - Improve the planning of railroad electrification. p. 8.
Kanukov, I. M., Nozdrin, I. L. - Prestressed concrete latticed poles for contact systems. p. 11.
Zarkhi, I. G., Brovkin, E. P. - Experience in designing reinforced concrete power poles. p. 13.
Shurygin, V. P. - Erecting contact network poles from the ground. p. 16.
Bondarenko, N. A. - Mechanized cable laying for communication lines. p. 17.
Ivanova, M. N., Ritov, M. N. - Increasing the annual output of scrapers. p. 20.
Disson, P. S., Titorenko, N. E. - Reinforced concrete poles for electric transmission and communication lines. p. 25.
Gamatunov, A. I. - Filtration forms for hardening the concrete surface of bridge supports. p. 29.
Ladychenko, K. D. - Book on precast concrete bridges. p. 31.
New books. p. 3 of cover

Vol. 6, no. 8, Aug. 1956.
Table of contents translated:
Ivanova, M. N., Sazykin, I. A., Chernavskii, V. P. - Unused resources for increasing the labor productivity in constructing roadbeds. p. 1.
Mozes, B. N. - On lowering construction costs. p. 5.
Gubin, N. I., Stollarenko, D. I. - Experience in building apartment houses using large sized brick blocks. p. 7.
Molokanov, N. M. - Erecting bridge spans by the semi-suspension method. p. 11.
Chezhin, V. A. - Using one-walled reinforced concrete spans for underpasses. p. 13.
Kutsenko, V. N. - Making concrete slabs for stabilizing embankment slopes. p. 16.
Krutenkov, P. S. - Designing water drainage facilities for railroad station areas. p. 18.
Sontsev, D. I. - Electrochemical stabilization of ribbon clay. p. 20.
Roshchupkin, D. V. - Wash zone during suction of sandy soils. p. 22.
Zhabotinskaia, L. A. - Norms for designing the profile and plan of narrow-gauge railroads. p. 24.
Saatchian, G. G. - Machinery for packing fill-ins. p. 25.
Shpakov, B. V. - Reconstruction of locomotive depots in England. p. 27.
Isaev, K. S. - New lightweight ballast machines. p. 29.
Maflavskii, B. K., Skobelev, A. T. - "Using aerial photography in surveying for transportation routes." p. 31.
New books. p. 3 of cover

TSEMENT [CEMENT]. Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Industry of the U. S. S. R.]. Moscow, vol. 22, no. 4, July-Aug. 1956.
Table of contents translated:
Completing the first year plan of the sixth five-year period. p. 1.
IUng, V. N., Timashov, V. V. - Possibility of producing clinkers with a lime content ratio higher than one. p. 4.
Melliushev, N. A. - Adopting the method of spraying the slurry. p. 7.
Savel'ev, A. S. - Dust removal diagrams for cement mills by means of electric filters. p. 9.
Sidiakov, P. V., Adorova, M. N. - Hermetic sealing of aspirators. p. 14.
Mikol'skii, IU. N., Belevitskii, A. M. - Improving a pneumatic transportation system. p. 17.
Astreeva, O. M. - Effect of burning and cooling conditions of the clinker on its structure. p. 21.
Tabakman, I. - Effective way to avoid corrosion of rotary kilns cooled by spraying. p. 24.
Bush, L. P. - Car axle of new design. p. 26.
Gofman, G. - Selecting a cooling system for the electric engine of rotary kiln drives. p. 26.
Aref'ev, V. A. - Work practices in Czech cement mills. p. 27.
Cement industries in the German Federal Republic. p. 28.
Brief news: Conference of heads of laboratories and technical departments in cement plants. p. 32.
Bibliography. p. 3 of cover.

VODOSNABZHENIE I SANITARNAI TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvenny komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 7, July 1956.
Table of contents translated:
- New designs for water purification
...ulic system of automatic con- systems. p. 4.
...ulic characteristics of needle ... p. 4.
Kazanskii, A. A. - Experience with operating a lime-cation water softening unit. p. 11.
Popov, V. P. - Determining places of damage in underground pipelines. p. 14.
Gladkov, V. A., N. E. Fomkin. - Pressure losses in standard water meters and water inlet pipes of buildings. p. 16.
Rogachev, G. D. - Submerged-type electric centrifugal pumps. p. 17.
Alekseĭ Antonovich Krauz. p. 19.
Karpis, E. E. - Individual room air conditioner (Kd-18A) designed by the All-Union Scientific Research Institute of Plumbing and Heating Equipment. p. 21.
Genkin, B. I. - Some causes of unsatisfactory performance of ventilation system air heaters. p. 24.
Pavlov, G. D. - Determining indices of precipitability of a suspension in a cylinder with a conical bottom. p. 26.
Bass, G. M. - On the water impermeability of sewage pipes placed below the ground water level. p. 29.
Changes in standards. p. 31.
Molchanov, F. M. - Machine for bending pipes of a diameter from 102 to 219 millimeters without sand filling and without heating. p. 32.
Smirnov, D. N. - Control system for the new water filtration station in Corpus Christi (USA). p. 33.
Simonovich, B. S. - Ionization air filter of the cellular type. p. 35.
In the K. D. Pamfilov Academy of Municipal Services. p. 37.
Annotated bibliography. p. 38.

No. 8, Aug. 1956.
Table of contents translated:
For a worthy commemoration of Builder's Day. p. 1.
Tuganov, A. G. - Technical and economic comparison of ordinary rapid filters and the filters of the Rostov Scientific Research Institute of the Academy of Communal Economy. p. 4.
Kliachko, V. A. - Selecting a method of removing iron from artesian well water. p. 8.
Kublanovskii, L. B. - Remote control of water intake wells under river beds. p. 11.
Khokhlovkin, D. M. - Improved series of pumps of the artesian turbine pump type. p. 16.
Kanygina, A. V., Lebedeva, M. P., Rodziller, I. D. - The effect of industrial waste on water basins located in marine tide zones. p. 20.
Bezenov, V. V., Postnikov, I. S., Fikhman, A. N. - Investigation of the process of using oxygen for liquid waste mixtures having active slime. p. 22.
Al'tshul', A. D. - Tubes having critical depth for measuring waste water flow. p. 26.
Korenevskii, S. M. - More accurate I-d diagram devised by Professor L. K. Ramzin. p. 29.
Ustinov, G. N. - Norms for fuel consumption in heating apartment houses. p. 33.
Changes in the standards. p. 34.
Kondrat'ev, L. S. - Using steam radiators in heating systems. p. 34.
Plotitsin, I. I. - Designing water wells for rotary boring. p. 35.
Matskerle, S., and others. - Investigation of a clarification tank having a suspended sediment layer done by the laboratory of water economy of the Czechoslovak Academy of Sciences. p. 36.
Conference on problems of operating water pipeline installations in cities and industrial enterprises of Siberia. p. 40.
Annotated bibliography. p. 40.

No. 9, Sep. 1956.
Table of contents translated:
IAnishevskii, A. N. - Conveyor for pipe factories. p. 1.
Kamershtein, A. G. - Factory produced elbows and couplings. p. 4.
Borun, G. M., Lutset, Z. S. - Device for determining the path and depth of placement of pipelines. p. 8.
Kastal'skii, A. A. - Method of calculating devices for removing hydrogen sulfide from water. p. 13.
Elfimov, T. N. - Immediate tasks in the study of underground water used for city water supply. p. 17.
Bernshtein, A. M. - Heat characteristics in buildings. p. 19.
Departmental norms and specifications. p. 20.
Shimanovich, A. M. - Tables for selecting building walls according to heat engineering requirements (for industrial, public and subsidiary buildings and apartment houses). p. 21.
Kuznetsov, V. M. - Heat losses in buildings and coefficient of reserve in determining surface heat of boilers (critical notes to the SN and P). p. 29.
Foreign standards. p. 29.
On the quality of water for animal husbandry farms. p. 31.
Attaching pumps to city water supply systems to increase pressure. p. 31.
Penkin, S. I. - Multibend ejector safety device for low-pressure steam boilers. p. 32.
Aksenov, M. A. - Flushing heating systems using compressed air. p. 33.
Ursulov, N. I. - Ventilation of a transformer substation under conditions of overloading and high outside temperature. p. 34.
Koniushkov, A. M. - Reinforced concrete 108-kilometer-long pipeline in Israel. p. 35.
Results of the discussion at the all-Union conference planning the Norms and Engineering Instructions for designing sewage systems of populated places. p. 37.
Annotated list of publications. p. 39.

e) ELECTRICAL ENGINEERING

AKADEMIIA NAUK URSR, Kiev. Instytut elektrotekhniky. Sbornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Electrical Engineering. Collected Works]. Kiev, no. 13, 1956. Voprosy ustoichivosti i avtomatiki energeticheskikh sistem [Stability and automatic control of power systems].
Table of contents translated:
Foreword. p. 4.
...transmission lines. p. 67.
Inonov, V. I., Krulikova, V. E. - Investigation conditions of synchronizing excited generat operating out-of-step with the system. p. 84
Sirota, I. M. - Nonlinear limiters in volt and c circuits of protective and automatic control vices. p. 98.
TSukernik, L. V., Rybinskii, V. E. - Method f calculating a system for group regulation of excitation of generators in a power station number of units and the basic technical elem the system. p. 122.
Sirota, I. M. - Selecting the capacity of a trans with an attached grounding coil. p. 134.
Shestopalov, V. N. - Determining the optimum ...sions of a magnetic amplifier with a core in shape of the letter Ш. p. 146.
From the editorial board. p. 153.
TSukernik, L. V. - Analysis of steady-state sta in a complex power system. p. 5.
Dashevskii, L. N. - Characteristics of the beha of dynamic systems near the limits of stabili p. 35.
Shestopalov, V. N. - Braking control of general the transient state after repairing in electric tions for long-distance transmission. p. 42.
Kachanova, N. A. - Effect of asynchronous comp tors at the receiving end on the stability of p

AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC TELEMECHANICS]. Published by Institut avtom i telemekhaniki Akademii nauk SSSR [Institute o matics and Telemechanics of the Academy of S of the U. S. S. R.]. Moscow, vol. 17, no. 6, June
Table of contents translated:
Pugachev, V. S. - Application of canonical expa of random functions to the problem of determ optimum linear systems. p. 489.
TSypkin, IA. Z. - Calculation of transients in n linear control systems. p. 509.
Onufriiuk, S. P., Fel'dbaum, A. A. - An electr analog for backlash computation. p. 513.
Grinin, IA. I., Kopal-Gora, P. N. - A delay unit computing amplifiers and capacitors. p. 524.
Tishchenko, N. M. - Characteristics of magneti amplifiers with feedbacks. p. 532.
Subbotina, G. V. - Shunted-load magnetic ampli and its application for protective relays. p. 5
Pavlova, G. I., Shefte'l', L. T. - Analysis of the performance in thermal control systems bas the use of relay effect. p. 549.
Dmitriev, V. N., Shankov, A. G. - Force effect an air jet on a flapper in pneumatic and hydr control devices of the "nozzle-flapper" type. p.
Martynov, G. K., Pavlov, V. V. - Application of manium transistors in protective apparatus telemechanics, and power system transmiss p. 570.
Povarov, G. N. - Review on R. Iligonnet and R. C book "Logical analysis of electrical circuits binary systems." p. 601.

Vol. 17, no. 7, July 1956.
Table of contents translated:
Pugachev, V. S. - Possible general solution for lems on determining optimum dynamical syst p. 595.
Vitenburg, I. M., Gluzberg, E. A. - Solving bou problems, algebraic, transcendental and inte equations by means of analog computers. p.
Kotel'nikov, V. A., Khokhlov, V. A. - Electro-k ic output unit for d. c. analog computers. p.
Kosharskii, B. D. - Calculating hydraulic jet ar flows. p. 611.
Pul'er, IU. M. - Induction linear potentiometer.
Knaprzhak, G. M., Stepushkin, E. I. - Determin of initial parameters and characteristic dimen for designing two-phase miniature machines.
Kurakin, K. I. - Selection of optimum character of linear servo-systems. Part 2. p. 646.
Corrections. p. 664.

Vol. 17, no. 8, Aug. 1956.
Table of contents translated:
TBypkin, IA. Z. - Automatic control systems con taining digital computers. p. 695.
Kampe-Nemm, A. A. - Comparative analysis of improved methods of two-position control. p.
Ganush, B. - Transfer of pressure signals by m of pneumatic pipeline. p. 699.
Petrov, G. M. - Application of semiconductor di for nonlinear units of electric analog devices. p. 707.
Aven, O. I., Domanitskii, S. M., Lerner, A. IA. Magnetic amplifier control of a two-phase ind tion motor. p. 717.
Mikhailovskii, V. N., Svenson, A. N. - Spectral signal narrowing in telemetering radioactive tion. p. 722.
Seliber, B. A., Rabinovich, S. G. - D.c. amplifi with photo-compensation. p. 729.
Ageev, M. D. - Approximate theory of magnetic modulated data transmitters. p. 746.
Abdullaev, A. A. - Pneumatic data transmitter. p

AVTOMATYKA [AUTOMATIC CONTROL] [Monthly]
Vidhil tekhnicheskoy ekonomicheskoy informatsii
[Journal of technical and economic information]
of Gosplan of the USSR [State Planning Committee]
USSR [Moscow]

Table of contents translated:
Purpose and tasks of the periodical, p. 2.
Kharkevich, A.M. - [illegible] in the [illegible] field, p. 3.
Chunikhin, M.M. - [illegible] for regulating [illegible] systems, p. 10.
Ivanchura, V.I. - [illegible] and their [illegible], p. 14.
Shapiro, [illegible] - [illegible] Use of [illegible] for [illegible], p. 20.
Trakhtenko, [illegible], Estonia, SSR - [illegible] p. 23.
Trakhtenko, [illegible], Estonia, SSR - [illegible] p. 27.
Trakhtenko, V.I. - [illegible] p. 29.
Information, p. 32.
Brief news, p. 64.

No. 2, 1959. [illegible]
Table of contents translated:
Ilyina, [illegible] - [illegible] p. 2.
Ivanchura, V.I. - [illegible] p. 7.
Trakhtenko, V.M. - [illegible] p. 11.
Trakhtenko, V.M. - [illegible] p. 15.
Nechaev, V.N., Pimenov, [illegible] - [illegible] p. 17.
Trakhtenko, V.M. - [illegible] p. 22.
Information, p. 32.
Brief news, p. 64.

[illegible] [illegible] [illegible] [

Professor L.D.Bel'kind, p. 93.
Professor B.M.Tareev. p. 94.
Al'tman, S.IA., Smitsyn, O.A., Silaev, E.F. - M.M.Sokolov's book "Electric drives and power supply for industrial plants." p. 95.
New books on electricity and electrical engineering. p. 96.

ENERGETICHESKII BIULLETEN' [POWER BULLETIN] Organ of Ministerstvo neftianoi promyshlennosti SSSR Ministry for the Petroleum Industry of the U.S.S.R.] Moscow, no. 7, July 1956.

Table of contents translated:

Kagan, S.G. - Wear resistance of D16, 5/20-1 diesels. p. 1.
Rovinskii, V.A. - Power supply for water-pumping compressor stations in oil fields. p. 5.
Sulkhanishvili, I.N. - KTS-1 compounding equipment for low-capacity synchronous generators. p. 11.
Shcherbiuk, N.D. - Packing rotating shafts of submersible electric machinery. p. 16.
Riabov, V.P. - Mounting and connecting lightning arresters on 6-10 kv transmission lines without de-energizing. p. 19.
Shkol'nikov, B.M., Sud, I.I. - Improved characteristics of bottom electric motors driving the bit. p. 20.
Tatarinov, I.I. - Recommendations on power supply planning for petroleum refineries; an open discussion. p. 25.
Nikiforov, P.G. - Demand and power factors of standard power equipment in oil refineries; an open discussion. p. 30.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.] Moscow, vol. 4, no. 8, Aug. 1956.

Table of contents translated:

Serbinovskii, G.V. - Power engineering in other countries. p. 1.
Smirnov, A.A. - Automation of rotary substations of electric separators. p. 4.
Gaintsev, IU.V. - Automatic voltage regulator for small high-speed generators. p. 7.
Kurtsvail', G.I., Gel'man, N.L., Doni, A.N. - Defects of FS-600 circuit breakers. p. 9.
Bazhenov, A.V., Shalaev, N.B. - Using shaft-type impact mills with metal collectors. p. 11.
Maista, N.P., Platonov, V.V. - Adjusting nonsifting chain grates. p. 12.
Babkin, R.L., Epelkina, K.P. - Rapid determination of nitrates in boiler water. p. 13.
Nozlobin, S.N. - Automatic starting of turbo-feed pumps. p. 14.
Ryss, A.G. - Eliminating the causes of reduced vacuum in turbine condensers. p. 15.
Khovrin, A.V. - Water-level regulator in the turbine condenser. p. 18.
Lopotan, G.S. - Repairing a broken diesel crankshaft. p. 20.
Ruskovich, A.A. - Improving the operation of the V-2 engine. p. 21.
Smirnov, G.M. - Unloading and setting up a 155-ton generator stator by means of two cranes with capacities of 100 tons and 20 tons. p. 22.
Malysh, V.P. Checking short-circuited rotors for core breaks. p. 24.
Khamedov, F.K. - Protection of electric motors against two-phase operation. p. 24.
Smol'nikov, V.L. - Formation of ice on the ventilator [illegible] 25.

[illegible]

[illegible]

Bystritskii, N.D. - Making drawings of steam-turbine diaphragms. p. 34.
Lukacher, V.G. - Device for the rapid starting of fluorescent lamps. p. 37.
Operation of furnaces with shaft-type impact mills using coal from the Moscow area. p. 39.
Composition of "Fenika" sealing compound. p. 39.
Mounting ball bearings on shafts and the washing of bearings. p. 40.
Wiring diagram of a welding transformer. p. 40.
KRN-10 unit distribution substations for outdoor installation. p. 3 of cover.

Vol. 4, no. 9, Sep. 1956.

Table of contents translated:

Bazhanov, P.I., Egorov, F.S. - Using automatically controlled diesel generators. p. 1.
Kudriashov, S.A., and others. - Comments on M.R. Naifel'd's article "Grounding portable installations and machinery." p. 3.
Alimova, T.V. - Defects of steam superheaters of TP-230-2 boilers manufactured by the Taganrog Boiler Works. p. 8.
Tolmachev, V.K. - Eliminating a defect of the safety valve. p. 9.

Elistarkhov, V.I. - Preventing the contamination of oil by water and oxidation in the oil system of turbines. p. 10.
Savinov, A.V. - Heating the lubricating oil before starting turbocompressors. p. 10.
Konovalov, L.P. - Water level regulator in condensers and other vessels. p. 11.
Bogoslovskii, V.S. - Individual pipe closer. p. 13.
Gubanov, I.I. - Device for machining the packing surface in the valve body. p. 14.
Viranovskii, G.B. - Removal of valve liners from LM steam engines. p. 14.
Liadov, E.V. - Modification of the hydraulic seal in generators with hydrogen cooling. p. 14.
Loskutov, V.P. - Dissipation of potential from the shaft of an operating turbogenerator. p. 15.
Survillo, G.K. - Amplifying attachment for the VR-1 (618) manual vibrograph. p. 15.
Matlenko, A.S. - Determining like outlets of rotor windings with two parallel branches to a phase. p. 16.
Kuz'min, P.V. - Explosion in an explosionproof electric motor. p. 17.
Tepiltskii, IA.I., Bakumenko, S.P. - Explosion hazard of magnetic starters with damaged coils. p. 17.
Eganov, B.N. - Grounding blades on the fork of bus disconnecting switches in closed distribution equipment. p. 18.
Grigor'ev, P.M. - Checking the working order of protective grounding or neutral grounding for portable equipment. p. 19.
Fedorov, E.A. - Vinyl plastic tubes for SPO fuses. p. 20.
Kolesov, I.V. - Use of the AMI-60 oil breakdown column for alternating-current testing. p. 20.
Karamzin, A.P. - Improving the packing of bushings in VM-35N and MKP-35 circuit breakers. p. 21.
Kudriavtsev, L.F. - Forming elements of selenium rectifiers. p. 22.
Markman, F.S. - Elimination of vibration in a switchboard panel incorporating measuring instruments. p. 23.
Vasil'ov, I.K. - Universal instrument for measuring current, voltage, power and power factor. p. 23.
Cherepanov, A.I., Usachev, S.G. - Installation of single-phase electric meters. p. 24.
Mechikov, N.F. - Telephone signal. p. 25.
Volchkov, V.G. - Jointing pliers from side-cutting pliers. p. 25.
Gandin, B.D., Medvedenko, A.M. - Portable apparatus for cutting cables. p. 26.
Sadchikov, A.V. - Improvement of the MI-1 hydraulic pressure jointing machine. p. 27.
Danilov, P.D. - Attachment for the STN-500 welding apparatus. p. 28.
Platyshkin, N.M., Savvakin, G.I. - Burning Transcarpathian lignite in furnaces with shaft-type impact mills. p. 29.
Dement'ev, V.S. - Pulse method of fault location in cable lines. p. 32.
Sidorov, V.A., Shmukler, G.E. - Automatic photoelectric apparatus for controlling outdoor lighting. p. 34.
To the editor of "Energetik." p. 36.
Burning Kizel coal in furnaces with hand-fired chain grates. p. 36.
Maximum reduction of vacuum in a turbine. p. 38.
Cleaning the fire tubes of a steam engine. p. 38.
Turning a standard voltmeter into a synchronizing voltmeter. p. 38.
Iron content in battery acid. p. 39.
Unit substations of the K-III and K-IV series. p. 40.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Electric Equipment Industry]. Nos. 33-34, Aug. 1956.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Radio Equipment Industry]. No. 26, June 1956.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 11, no. 7, July 1956.

Table of contents translated:

Khromchenko, G.E., Komissarov, L.A. - Mechanical punching and drilling in electric installation work. p. 1.
Sizov, S.N. - Control systems using high-frequency circuits in hardening equipment. p. 5.
IAnutsovich, F.P. - Leverless self-resetting safety valve designed by V.D. Sherentsis for steam boilers with pressures up to 0.7 atm. p. 7.
Shkil'ko, G.IA. - Checking the condition of insulation in low-voltage motors. p. 8.
Akimenko, A.D. - Upper limit for heating compressed air. p. 9.
Kiselev, M.I. - Using VMG-133 circuit breakers in [illegible] electric arc [illegible]
IAstrobov, P.V. [illegible] standards for [illegible]
Toropliankii, A. [illegible] increase the [illegible]
Gorbov, V.F., [illegible] superfinishi[illegible]
Kessel', L.A. [illegible] to produce [illegible]
IUsefov, V.I., [illegible] applying [illegible] section; [illegible]
Kireev, M.I., [illegible] PPV wire. p. 14
Miller, O.H. [illegible] switching [illegible] p. 27.
Powerful mechan[illegible]
Use of televisio[illegible] Europe. p. 31
Using infrared [illegible] plants. p. 31.
Coordinated use [illegible] current-limiting [illegible]
Solar energy. p. [illegible]
Development of [illegible] year plan in a [illegible] the national [illegible]
Paper tubes for [illegible]
Utilization of [illegible] in plants under the [illegible] Stations. p. [illegible]
Conference on a[illegible] branch of the [illegible] neering Society [illegible]
Locating a fore[illegible] an electric [illegible]
Comments on the [illegible] autotransformers [illegible] lying users [illegible]
Mikhail Vasil'ev[illegible]
High-voltage [illegible] transformers [illegible]
Steam boiler [illegible] Plant. p. 40.

RADIO [RADIO]. [illegible]
Vsesoiuznoe [illegible] armii, aviatsii [illegible] the U.S.S.R. and [illegible] for Assistance [illegible]
Moscow, no. 8, [illegible]

Table of [illegible]

Sergeichuk, K. [illegible] technology of [illegible] p. 1.
Korotcev, N. [illegible]
Matisiavskii, A. [illegible] industrial [illegible]
Grif, A. - Forced [illegible]
Grigor'ev, Y. - [illegible] p. 10.
Zozulia, M., Hero[illegible] active members [illegible]
Yugoslavia's radio [illegible]
Mrazek, Irshi. - [illegible] manual transmitter [illegible]
Tormazov, F. - New radio [illegible] p. 10.
Karapetian, V. - [illegible] radio stations. [illegible]
List of conventional [illegible] the world. p. 21.
Lomanovich, V. - The [illegible] p. 22.
Sokolov, G. - Simple [illegible]
Efrussi, IA. - Interference [illegible] television video [illegible]
TSatsonkin, V. - Two-[illegible]
Kozyrev, A., Fedo[illegible] recorder. p. 34.
Nazarov, S. - Magnetic [illegible]
Shifman, D. - New [illegible]
Zykov, N. - Assembling [illegible]
Vasserman, A. - Choke [illegible] cent tubes. p. 44.
Smetanin, D. - Measuring [illegible]
Azat'ian, A. - The [illegible]
Svoren', R. - Recording [illegible] Abroad. p. 46.
New exciter circuit. p. 46
Scientific session and [illegible]
Technical advice. p. 48.
Exchange of experience [illegible]

RADIOTEKHNIKA [RADIO [illegible]
Vsesoiuznoe nauchno-[illegible] tekhniki i elektrosviazi [illegible] A.S. Popov Scientific [illegible] Engineering and Te[illegible] vol. 11, no. 7, July [illegible]

Table of contents [illegible]

Glazman, E.S. - [illegible] transmitters. p. 3.
Rozov, V.M. - [illegible] ing the pressure of [illegible] adjacent frequencies. p. [illegible]
Rybakov, B.V. - Damping [illegible] with protection [illegible]
Belen'kii, IA.E., [illegible] vibrator. p. 32.
Svechnikov, S.V., [illegible] three-tube RC- [illegible]
Gallit, T.A., Mirzakov, [illegible] electron-tube [illegible]

by shot-multiple harmonic force. p. 50.
Perov, G.I. - Calculating the effective area of surface target reflection in the centimeter wave band. p. 57.
Kochanov, N.S. - Resonance phenomena in two coupled line sections having small losses. p. 60.
Sodin, L.G. - Design of single crystal quartz filters. p. 63.
Murav'eva, G.IA. - Limit of applicability of test voltage corrections of high frequency insulators on the relative air density for attaining normal atmospheric conditions. p. 73.
Radio Day in Leningrad. p. 78.
New books. p. 80.

Vol. 11, no. 8, Aug. 1956.
Table of contents translated:
Turbovich, I.T. - Frequency multiplication and division in unmodulated and modulated oscillations. p. 3.
Zluko, A.G. - Noise resistance and the efficiency of telephoto-radio communication in the presence of fluctuation noise. p. 14.
Nadenenko, S.I. - Ways of increasing the efficiency of simple multiple-tuned antennas. p. 25.
Tikhonov, V.I. - Experimental investigation of the law of fluctuation pip distribution according to duration. p. 31.
Rozenblat, M.A. - Theory and calculation of a magnetic modulator operating on the principle of frequency doubling. p. 36.
Alekseev, N.F. - Ascertaining oscillations in self-sustained decimetric wave-length oscillators. p. 62.
Kononovich, L.M. - Calculating parasitic capacitances in mounting printed radio apparatus. p. 64.
Kulikovskii, A.A. - Transitron oscillator as a device with feedback. p. 71.
All-Union scientific session devoted to Radio Day. p. 74.
Evening devoted to Radio Day. p. 78.

Vol. 11, no. 9, Sep. 1956.
Table of contents translated:
Troitskii, V.N. - Possible transmission band in long-range tropospheric propagation. p. 3.
Loshakov, L.N. - One method of calculating propagation constants in wave guides having nonideal conducting walls. p. 8.
Paramonov, V.K. - Effect of precipitation (ice) on the electric properties of wire mesh surfaces. p. 12.
Roditi, V.V., Garfsenshtein, M.S. - Receiving antennas and industrial radio noise. p. 21.
Maksimov, M.V. - Mutual correlation of fluctuation noise on the output of frequency filters. p. 28.
IAstrebiseva, T.N., Akopian, I.G. - Investigation of impact excitation and forced extinction of quartz oscillations. p. 39.
Trokhimenko, IA.K. - Feedback in circuits having crystal triodes. p. 46.
Agakhanian, T.M. - Decreasing distortions of pulse fronts in video amplifiers having flat triodes. p. 54.
Ignat'ev, N.K. - Basic properties and characteristics of synchronous filters. p. 59.
Kulikovskii, A.A. - Utilizing harmonics for calculating envelope curves. p. 72.
All-Union scientific session devoted to Radio Day. p. 75.
New books. p. 80.

RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 4, Apr. 1956.
Table of contents translated:
Siforov, V.I. - On a theory of ideal coding of binary transfers. p. 407.
Az'ian, IU.M., Migulin, V.V. - Self-sustaining oscillations in a system having time delay feedback. p. 418.
Tikhonov, V.I., Amiantov, I.N. - Action of slow fluctuations on self-sustained oscillators. p. 428.
Gutkin, L.S. - Transient processes in detecting weak signals. p. 433.
Gerenrot, E.L. - Detecting pulses of complex form. p. 438.
Tepliakov, V.A., Shembel', B.K. - Formula for calculating the frequency of toroidal-cavity resonators. p. 443.
Nikol'skii, V.V. - Measuring the parameters of ferrites for ultra high frequencies. p. 447.
Manenkov, A.A., Prokhorov, A.M. - Radiospectroscope for observing paramagnetic resonance in the centimeter wave band. p. 460.
Gurfinkel', B.B. - Television systems with static coincidence. p. 478.
Lukoshkov, V.S., Bondarev, A.S., Shvetsov, B.N. - Investigation of electromagnetic field cavities with the aid of a probe having high ohmic conductivity. p. 497.
Kul'varskaia, B.S. - Secondary electron emission of alloys. p. 512.
Seliakov, L.M. - Frequency characteristics of kinescopes. p. 525.
Volkova, L.M. - Secondary emission of electrons from wolfram carbide. p. 535.
Chechik, P.O. - Publishing plans in the field of radio engineering and electronics for 1956. p. 537.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.
Contents:
[Abstracts] Referaty 13997-16361. 365 p.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Ministerstva elektrotekhnicheskoi i radiotekhnicheskoi promyshlennosti SSSR [Ministries of Electrical and Radio Engineering Industries of the U.S.S.R.]. Moscow, vol. 2, no. 4, July 1956.
Table of contents translated:
Gushchina, N.D., Skobelev, V.M. - Air disinfection by means of bactericidal lamps. p. 1.
Gorkin, Z.D. - Ultraviolet ray clinics in the coal industry. p. 4.
Sokolov, V.F. - Decontamination of water by germicidal irradiation. p. 7.
Dantsig, N.M. - Hygienic evaluation of erythemal lamps and the effectiveness of their use. p. 11.
Kleshnin, A.F. - Equipment for the irradiation of plants. p. 14.
Osetrov, P.A. - Irradiation of hens by PRK-2 lamps. p. 17.
Khazanov, V.S., IUrov, S.G., Belen'kii, L.I. - FT-2 universal photometer. p. 19.
Krol', TS.I. - Glare of fluorescent lamps. p. 22.
Knorring, G.M. - Glare of fluorescent lamps. p. 25.
Demidov, V.M. - Photoelectric reflectometer. p. 27.
Kots, A.IA. - Lighting system for 35-220 kv outdoor distribution substations. p. 27.
Zapolianskii, IA.S. - Efficient marking of electric incandescent lamps. p. 28.
A.V.Somolkin; obituary. p. 29.
The "TL" F lamp, a new fluorescent lamp with predominantly directional light distribution. p. 30.
Survey of foreign journals. p. 31.
Budarin, M.M. - Brief survey of literature on thrashing floor lighting. p. 32.
New books. p. 32.

VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R.]. Moscow, vol. 16, no. 8(197), Aug. 1956.
Table of contents translated:
Editorial: For more active work on the part of efficiency innovators and inventors in communications enterprises. p. 1.
Shlager, V.V. - The compandor device in steel circuit compressing equipment of the VS-3 type. p. 3.
Shuvalov, A.F. - Imitator of telegraph signals of the ISSh type. p. 5.
Arlamenkov, N.P. - Using moving wave receiving antennas. p. 8.
Grishko, N.A. - Transmission level indicator for VUS-12 stations. p. 10.
Dmitriev, V.M. - Increasing the reliability of telegraph communication operating with Baudot apparatus. p. 11.
Communications equipment at the All-Union Industrial Exhibition. p. 12.
Soval'nev, A.G. - Speed up and raise the quality in building communications installations. p. 14.
Klebanov, I.V. - Business accounting in the Sverdlovsk interurban telephone office. p. 15.
In the collegium of the Ministry of Communications of the U.S.S.R. p. 17.
Barkov, V.E. - Put the means of communications to work for heavy industry. p. 18.
Sharoglazov, G.N. - Communications workers serve the builders of the Krasnoyarsk Hydroelectric Power Station. p. 19.
Increase the role of SMUR's (Office for Building and Installing Radio Systems) in bringing radio to the village. p. 20.
Naumov, B.K. - Introducing semiautomatic equipment in Latvia's interurban telephone system. p. 22.
Overcome backwardness in postal communication. p. 25.
Efficiency proposals in the field of radio communication and radio installation. p. 27.
Work of efficiency promoters and inventors. p. 30.
Television epidiascope. p. 31.
Plontkovskii, B.A. - New system of buffer power supply for central telephone exchanges. p. 31.
Toporov, IU.A. - Review of V.V.Novikov's book "The telegraph station supervisor." p. 33.
Let's follow the experience of Soviet communications workers. p. 34.

## I) INDUSTRIES & TRADES

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol. 31, no. 7, July 1956.
Table of contents translated:
Fully satisfy the country's needs in paper, paperboard and paperpulp. p. 3.
Belinskaia, N.I., Nikolaevskaia, E.E., Rubinshtein, R.P. - Newsprint with a reduced bleached woodpulp content. p. 6.
Series of reports on the production of woodpulp in the German Democratic Republic. p. 8.
Ivanov, S.N. - Productivity standards of papermaking machines. p. 9.
Mikhailov, P.N. - Mobile bar of a roll and its operation. p. 13.
Riukhin, N.V., Berkman, E.M. - Improve the quality of paper used for labels. p. 15.
Rogachevskii, B.I., Matiushkina, A.P. - The production of high-yield woodpulp. p. 17.
Rosatkevich, K.V. - Equipment for the consumer goods industry. p. 24.
Bukhlov, G.T. - Shortcomings in the instruments designed by the Central Scientific Research Institute for the Paper Industry. p. 25.
Bulin, P.P. - Paper industry in India. p. 26.
Rozenberger, N.A. - Kesting method for the production of chlorine dioxide. p. 27.
R.R. - Some peculiarities of producing imitation parchment. p. 28.
IU.I. - Selecting correct knife edges for the trimming of paper and paperboard. p. 29.
In the Scientific and Technical Association of Paper and Woodworking industries. p. 30.
Kopantsev, M.M. - Valuable aid for a wide group of workers in the woodpulp and paper industries. p. 31.
New books. p. 32.

Vol. 31, no. 8, Aug. 1956.
Table of contents translated:
New technological processes should be made available to industry. p. 3.
Puzyrev, S.A., Sin'kova, S.N. - Some problems of theory and practice of paper sizing. p. 5.
Ellis, I.E. - Chlorine dioxide as a new bleaching agent. p. 9.
Vanchakov, V.M. - Classification of vibration strainers. p. 13.
Dibrova, A.G. - Rapid method of determining the moisture content of paper. p. 14.
Kantor, L.A. - Elasticity in paper; letter to the editor. p. 15.
Tumbin, P.A. - Continuous bleaching of liquid wood-pulp with hydrogen peroxide. p. 16.
Shabalin, A.E. - Method of moistening thin paper. p. 17.
Ivanitskii, IU.P. - Manufacture of crepe paper. p. 19.
Petrushko, V.K., Sadshikova, L.G. - Quality of chalk-coated paper. p. 21.
Smirnov, V.S. - Small-scale mechanization of hard and labor consuming tasks. p. 22.
Mironov, P.V. - Machine for gluing aluminum foil to paper. p. 23.
Chirkov, A.V. - Planning, accounting and evaluating the output of paper. p. 24.
Foteev, S.P. - Production of woodpulp from reeds in the Chinese People's Republic. p. 25.
Losev, P.P. - A new-model grinder. p. 27.
"Rotabelt" suction strainer. p. 27.
G.TS. - Starting the operation of papermaking machines in Czechoslovakia. p. 28.
In the Scientific and Technical Association of the Paper and Woodworking Industry. p. 29.
Platachkov, B.I. - Review of the book "Ventilation of woodpulp and paper factories." p. 31.
Avdeev, A.L. - Some inexactitudes in methodological directives. p. 32.
G.S. TSypkin; obituary. p. 32.

DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Published by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol. 5, no. 8, Aug. 1956.
Table of contents translated:
Greater cooperation between scientific and planning services and the industry. p. 1.
Gorshkov, M.I., and others. - Cutting surfaced veneer with planer saws. p. 3.
Bugiai, B.M. - Deformation of wood surfaces by the pressure exerted by measuring instruments. p. 6.
Zabrodkin, A.G., Sultanbek, R.Kh. - Use of liquid coal phenols in the veneer industry. p. 9.
IUdin, S.B. - Specific loss of wood in grinding. p. 11.
Finkel'shtein, M.Z., Pospelov, V.A., Goloshchapova, I.S. - Paste made of carboxymethyl ether of cellulose. p. 12.
Guseva, K.V. - Time needed for drying pine and spruce boards and blocks in petrolatum. p. 13.
Usachev, A.A. - Conventional designation for wood on blueprints. p. 14.
Roitman, V.M., Il'iashenko, G.A. - Two-cutter saw for veneer cutting. p. 15.
Andreevskii, V.G. - Furniture industry and tasks for the Academy of Building and Architecture of the U.S.S.R. p. 16.
Apakin, I.S., Arsen'ev, K.K., Urpin, A.IA. - Use of M-4 and MFS-1 resins in the manufacture of furniture. p. 17.
Zverev, V.I., Brodskii, L.N. - Industrial use of furniture panels with sawdust cores. p. 18.
Fadeev, V.A. - Finishing beech to resemble more valuable types of wood. p. 19.
Liubimov, K.N., Abrosimov, V.I. - Hydraulic glue press for hot veneering. p. 20.
Zarnitsyn, V.I. - Safety guards for swing saws. p. 21.
Makar'eva, A.G., Skul'skaia, R.V. - Mechanization of minor operations for cold gluing of shaped parts. p. 21.
Zhukov, N.A. - Modernizing the gluer mechanism of a PS-6 rib-gluing machine. p. 22.
Prokof'ev, G.M. - Pulley block for joining conveyer belts. p. 23.

Conference on progressive technology in the production of furniture. p.24.
Gorbunov, N.I. - From the work experience of the Hungarian furniture industry. p.26.
New books. p.28.
Nailless crate. p.29.
Metal detector of new design. p.30.
Device for determining the degree of moisture in lumber being dried. p.30.
Woodworking machines of new design. p.31.

Vol. 5, no. 9, Sep. 1956.
Table of contents translated:
For an early completion of the 1956 plan. p.1.
Kriazhev, N.A. - Wood milling with tapered cutters. p.3.
Borshadskii, A.L., Gusev, K.F. - Increasing the productivity of circular rip saws. p.6.
Makovskii, N.V. - Technological diagrams and productivity of woodcutting machines. p.8.
Orekhov, A.A. - Wood bending machines. p.11.
Demidova, L.A. - Laminated wood plastics with improved water-resistance. p.14.
Khasdan, S.M. - Peening circular saws. p.15.
Krotov, L.N. - Spacing for air drying of Siberian larch lumber p.18.
Andriunina, K.N., Lukina, T.A., Grebenkin, A.R. - Gluing FK veneer with MFC-1 resin not processed in the vacuum. p.19.
Sorokina, N.E. - Finishing furniture with color lacquer. p.20.
Naumov, D.L. - Drying beech lumber in clamps. p.21.
Dzbanek, K.IU. - Reinforced concrete doors for dry kilns. p.22.
Fonkin, V.F., Kozlov, I.V. - New supports for flattening. p.23.
Aronov, Kh.M. - Machine for rabbetting door and window frames to secure the hinges. p.24.
New books. p.25.
Articles in foreign journals. p.25.
Gei, N.N. - Drying techniques used in foreign countries. p.26.
Machines for repairing veneers and glued plywood. p.28.
Rolls for gluing. p.30.

LEGKAIA PROMYSHLENNOST' [LIGHT INDUSTRY]. Organ of Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR i RSFSR [Ministries of Consumers' Goods of the U.S.S.R. and the R.S.F.S.R.]. Leningrad, vol.16, no.7, July 1956.
Table of contents translated:
Labor productivity in the sixth five-year plan. p. 1.
Veinberg, I.A. - Automatization in the manufacture of vulcanized footwear. p. 4.
Rovenskii, A.S. - Continuous flow production of special carboard counters and inner soles. p. 6.
Skriabina, V.G., Kariakin, G.K. - More widespread introduction of progressive practices in the flat knit hosiery manufacture. p. 9.
TSykhanskii, T.S. - For further economy of raw materials used in the leather industry. p. 12.
Moshkov, A.N. - Still unused potentialities for the manufacture of articles of clothing made of fur. p. 14.
Savonichev, G.V. - The 200th anniversary of the Gus' Crystal Plant. p. 17.
Manufacture of footwear made by hot vulcanization
[illegible]

Blanshei, F.B. - Analysis and calculation of the consumption of sugar containing materials for the production of chrome liquor. p. 33.
Khanin, N.M. - Cutting into strips and standardizing the consumption of tubular fabrics for edge trimming the upper parts of footwear. p. 34.
Mikhailova, A.P. - Finishing locknit fabrics on a tentering frame. p. 36.
Afanas'ev, A.A., Potashin, N.G. - Thickness gauge for footwear parts. p. 40.
Umanskii, A.A., Derbaremdiker, M.L. - Stretching of skins on frames and its effective control. p. 43.
Lebedev, A.A. - On the way toward over-all mechanization. p. 44.
Balashev, P.S. - Maturing of printed knit fabrics. p. 49.
Kazanovich, B.IA. - New adhesive materials for the footwear industry. p. 50.
Seminars for foremen in the leather industry. p. 51.
Moraru, M. - Steep increase in the production of light industry in the Rumanian People's Republic. p. 52.
Equipment used in the hosiery and knit-goods industry. p. 53.
Glass manufacture. p. 54.
Bobbin battery of new design. p. 56.

MIASNAIA INDUSTRIIA SSSR [MEAT INDUSTRY OF THE U.S.S.R.]. Organ of Ministerstvo promyshlennosti miasnykh i molochnykh productov SSSR [Ministry of the Meat and Dairy Products Industry of the U.S.S.R.]. Moscow, vol. 27, no. 4, 1956.
Table of contents translated:
Burtsev, L. - Exemplary preparation for the season of mass livestock processing. p. 1.
Kirik, S. - Meat combines of the Ukraine on the eve of the slaughtering season. p. 6.
Mel'nik, I. - Poultry processing plants in the pre-seasonal period. p. 10.
Gevorgian, B. - New equipment of the Moscow Meat Combine. p. 12.
Khramikhin, P. - All efforts toward uninterrupted work. p. 16.
Ochkin, V. - Automatic can-production line of the Simferopol Plant. p. 18.
Gorbatov, A. - New design of equipment for making patties. p. 21.
Lavrova, L., and others. - Duration of salting period in the production of boiled sausages. p. 24.
Kozich, P. - Let us increase procurements and quality of animal products. p. 30.
Ter-Sarkisiants, E. - For over-all development of fattening operations. p. 34.
Makeev, M. - We are fulfilling the cattle fattening plan. p. 37.
Tomme, L., Panova, E., Kotov, P. - Using corn for fattening cattle. p. 40.
IAkovlev, K. - Let us improve the system of records, accounts, and planning. p. 42.
Gushchin, P. - Let us eliminate excesses in the record system. p. 45.
Karchevskii, N. - Initiative from the lower levels is needed. p. 46.
Grinberg, N. - Use meat strictly according to its designation. p. 47.
Lavrushin, A., Ol'shanskii, I. - Suggestions of meat combine efficiency promoters. p. 48.
Krasil'shchikov, B. - Rapid method for determining moisture content in sausages. p. 50.
Tarasova, V. - Improving the power factor in the Molotov Meat Combine. p. 51.
Advice. p. 52.
Bondarenko, V. - The capacity of the combine has been doubled. p. 54.
Gutin, B. - We are increasing the capacity of freezers. p. 54.
Letters from our readers. p. 56.
New books. p. 56.
In the Ministry of the Meat and Dairy Products Industry of the U.S.S.R. p. 57.
In the Technical Council of the Ministry of the meat and Dairy Products Industry of the U.S.S.R. p. 59.
Tikhomirov, A., Gorizontova, E. - Poultry processing industry abroad. p. 60.
Babin, G. - Breeding hogs of the meat type in the U.S.A. p. 63.

PROIZVODSTVENNYI OPYT V OBLASTI SVARKI [PRODUCTION PRACTICE IN THE FIELD OF WELDING]. Issued by Zavod "Krasnyi kotel'shchik" [Plant "Red Boiler-Maker"]. Moscow, no.1, 1956.
Table of contents translated:
Preface. p.3.
Shamraevskii, I.M., Radchenko, V.G. - Technology of making boiler cylinders at the "Krasnyi Kotel'shchik" plant. p.5.
Davydenko, I.D. - Metallurgical characteristics of automatic submerged arc welding. p.26.
Dontsov, E.P. - Three-phase, single pass automatic submerged arc welding. p.40.
Goncharenko, N.M. - Automatic submerged arc welding of annular seams on thick-walled boiler cylinders. p.57.
IUr'ev, V.S. - Automatic submerged arc welding units for vertical cylinders. p.69.
Vozyka, T.A. - Automatic submerged arc welding of large steel castings. p.72.
Dontsov, E.P., Shevelev, A.S. - Automatic submerged arc built-up welding of 52x150mm. orifices in damper plates. p.77.
Kotov, B.I., Kovesh, L.D. - Weldability of arsenical steel. p.79.
Goncharenko, N.M. - Automatic machine for welding pins to boiler baffle tubes. p.95.
Korsunov, V.M. - Welding boiler coils with an MSM-150 butt welding machine. p.101.
Pivovarova, Z.K., Rostenko, V.R. - Manufacture of UONI-13 electodes on high pressure presses. p.107.
Lisitskii, I.V. - Welding the electric motor shaft of a pilger mill. p.110.
Davydenko, I.D. - Calculating the chemical composition of metals built-up by arc welding with heavily coated electrodes. p.112.

PROMYSLOVAIA KOOPERATSIIA [PRODUCERS' COOPERATION]. Issued by TSentral'nyi sovet promyslovoi kooperatsii SSSR [Central Council of Producers' Cooperation of the U.S.S.R.]. Moscow, no, 8, Aug. 1956.
Table of contents translated:
Editorial: Put an end to lagging in the cooperative industry without delay. p.1.
Tolstov, V. - It was made by producers' cooperatives. p.4.
Chulkov, P. - Operate thriftily and economically. p.7.
IArunin, A. - Raise the level of industrial management. p.9.
Vlasova, A. - Assembly line in shoe repairing. p.10.
Golovanov, N. - Paperboard from cattail and reed. p.12.
Usov, I. - Machine treating of stone. p.14.
Grobman, L. - Building tiles from wood chips. p.16.
Khokhlov, IU. - New methods for tanning. p.17.
Egorov, M. - Device for rolling up the shoemaker's thread. p.18.
Kniazer, N. - Reversible steam boiler. p.19.
Aleksandrov, M. - Toys with plastic mechanism. p.20
Dudkin, A. - We have mastered the production of sowing disks. p.21.
Perel'tsveig, M. - Finishing chevrette in wet condition. p.21.
Liubimov, K., Orlov, B. - Introducing loading technology. p.22.
Direct white dye. p.22.
Moro, M. - When guidance is formal. p.23.
Okunev, I. - Modest profession. p.24.
Davydov, L. - Following the course of a complaint. p.26.
Stepin, S. - At the session of a district soviet. p.27.
Il'in, O. - Laboratories for amateur photographers. p.26.
Vostrov, V. - Restore the art industries and handicrafts of Kazakhstan. p.29.
On the development of the art industry in Latvia; a decision of the Council of Ministers of the Latvian S.S.R. p.30.
Purkin, B. - Saratov open-work embroidery. p.31.
Sorokin, IU., IAshkov, I. - Toward excellent work and remarkable deeds. p.32.
Alekseev, B. - Orenburg downy shawls. p.33.
Kristi, S. - Wickerwork production in Moscow region is low. p.34.
Koleev, I. - Following the advice of efficiency experts. p.35.
Ivlev, V. - Finding homework for disabled workers. p.36.
Karas', P. - By the permits of the producers' cooperative insurance council. p.37.
Derbenev, P. - Chess tournament of producers' cooperatives. p.37.
Chistiakov, V. - Amateur art activities on parade. p.37.
Clever fingers. p.37.
Who gets permits for sanatorium treatment and on what terms. p.38.
In the Producers' Cooperative Council of the S.S.R.: Violation of the decree of the Presidium of the Supreme Soviet of the U.S.S.R. of March 8, 1956 at the 20th anniversary of October Artel of the Moscow City Textile Producers Union. p.39.
Brief news. p.39.
Follow-up of material printed in "Promyslovaia Kooperatsiia." p.40.

No. 9, Sep. 1956.
Table of contents translated:
Editorial: On cooperative insurance pensions. p.1.
Krutov, V. - Reduce the cost of the administrative apparatus and improve its operation. p.5.
Prikhod'ko, I. - Mechanization of the production of beds. p.8.
Shifel'man, L., Kaplan, I. - Simplifying computation of wages. p.9.
TSukanov, A. - Artel of the disabled makes a profit. p.11.
Kechedzhi, D. - Fine initiative. p.12.
Kanevskii, V., Efimaka, I. - Collars from imitation karakul. p.13.
Khairov, Sh. - Modernized fulling mill in the fulling industry. p.14.
Shvanskii, A., Potlovskaia, S. - Valuable raw material for manufacturing buttons. p.15.
Nikitina, T. - Keep track of the minutes. p.17.
Konovalov, V. - Valuable efficiency suggestion. p.17.
Ornal'do, P. - Screw press for ironing. p.18.
Maloi, S. - Two-spindle turning lathe. p.18.
Pashko, N. - Universal automatic machine for manufacturing chains. p.19.
Nikolenko, V. - Corrugated slag cement roofing. p.20.
Obrosov, IU. - Planning and building with foresight. p.21.
Cherevkov, Vl. - Proficient customer service. p.23.
Moro, M. - Rental centers require assistance. p.24.
Bellaev, V. - In one of the streets of Dnoprodzerzhinsk. p.26.
The regular bulletin is out; review of the press. p.27.
Makalov, V. - Women artisans of Gorodets. p.28.
Bobin, M. - As our grandfathers used to do. p.29.
Volkova, M., Kristi, S. - In defense of decorative ceramics. p.30.
Biriukov, L. - Why is the building materials industry lagging. p.32.
Voloshko, IU. - A neglected artel. p.34.
Kozlov, IA. - Creative cooperation of science and industry. p.35.
Fridman, A. - The production of tar-impregnated wood should be mechanized. p.35
Complaint of A.G. Faddev, chief bookkeeper of the "Pimokat" artel of the Karaganda Province Producers' Council. p.36.
New books. p.36.
Follow-up of unpublished letters. p.36.
Bright dip finish for nickel and copper plating. p.37.
How to eliminate some defects in annular kilns. p.38.
Brief news. p.40.

SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Ministerstvo tiazhelogo mashinostroeniia SSSR [Ministry of Heavy Machine Building of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.
Table of contents translated:
Bruk, B.I. - Determining the coefficient of transfer of elements in the welding process with the aid of radioactive isotopes. p.1.
Shliapin, V.B. - Effect of cold straightening on the

[illegible] p. 1
Kuchumov, B. [illegible] p. 13
[illegible] novel. p. 18
Yatchik, F. V., Engineer, A. [illegible] machines. p. 23
Gliker, I. V. [illegible] and P. I. [illegible] MAP and Main Directorate [illegible] machine building. [illegible] p. 28
Head Technical Department [illegible] Institute of Automobile [illegible] p. 31
Gradov, I. [illegible] Economic [illegible] Ural. p. 32
Ivanov, V. A. [illegible] p. [illegible]
Yakob, I. [illegible] p. [illegible]


[illegible] [illegible] [illegible] [

B 16g

Polunin, N. - Economic efficiency of centralizing automotive transport in state farms. p.6.
Zinin, B., Smelianskii, R. - Special truck trains for transporting bricks on trays. p.8.
Kharitonov, P., Gal'perin, L., Kalashnikov, S. - Automatic bus stop signs. p.10.
Sakharov, I., Davydov, I. - Through-truck transport of freight in railroad packing cases. p.11.
Barashkov, I. - On the pattern of movement of truck trains. p.12.
Fridshtein, V. - From practice operating buses on interurban routes. p.14.
Obleukhova, O. - Improve the quality of automobile lubricants. p.16.
Nabrodov, D. - Five-ton hydraulic jack. p.20.
Berezkin, V., Plitman, I. - The operating characteristics of the TA-49 taximeter. p.20.
Gurevich, D. - In the first ranks of the competitors. p.22.
Kats, A., Sokolin, S. - Repairing the body of M-20 automobiles in VARZ plants. p.23.
Asnovich, IA., Grachev, A. - Device for repairing main braking and wheel braking cylinders on the GAZ-51 automobile. p.25.
Petrov, V. - Hydraulic torque converter in automobile power transmission systems. p.27.
Training cadres. p.31.
Exchange of experience. p.33.
Information. p.35.
Abroad. p.38.

Vol. 34, no. 8, Aug. 1956.
Table of contents translated:
Improve the transport of passengers in all ways. p.1.
Antipov, N. - Eliminate small truck fleet enterprises and build up those of medium size. p.4.
Grozmani, N. - Regularity of bus schedules. p.6.
Ivanov, V., Korf, M. - Experience in organizing interurban passenger service. p.8.
Dneprov, D., Mizinov, V., Khrisanfov, P. - Some problems in the technical operation of taxicabs. p.10.
Zagorskii, A. - Introducing the mechanical unit method of repairing M-20 taxicabs. p.11.
Babaeva, L., Selitskaia, S. - Efficient storage of lead batteries. p.12.
Khabio, I. - Efficiency innovators of the Ukrainian automotive transport enterprises. p.13.
Smolkin, G., and others. - Increasing engine economy by switching out separate cylinders. p.15.
Khainovskii, A. - Experience with operating IAAZ-210 trucks. p.16.
Zhernovkov, A. - Testing device for generator and starter armatures. p.17.
Tobolovskii, A. - Mechanical opening of garage doors. p.18.
Kosikin, K. - Reconditioning parts is one of the basic resources in the automobile repair industry. p.20.
Readers' letters. p.24.
Training cadres. p.25.
Exchange of experience. p.26.
Information. p.32.
Abroad. p.33.
Book reviews. p.37.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Ministerstvo tiazhelogo mashinostroeniia SSSR [Ministry of Heavy Machine Building of the U.S.S.R.]. Moscow, no. 7, July 1956.
Table of contents translated:
[illegible]ods for designing efficient high-hydraulic turbines and ventila-
Aranovich, S.I. - Using low temperatures for joining permanent connections. p.26.
Shubenko-Shubin, L.A. - Construction of steam turbines in Switzerland. p.27.
Experimental 22k steel hardening in Turbine-Boiler Plant. p.31.
Summary of some works of the I.I.Polzunov's Central Scientific Research Institute for Boilers and Turbines published in the second half-year of 1955 (conclusion).

No. 9, Sep. 1956.
Table of contents translated:
Barshtein, I.K., Rubin, M.M. - Operating characteristics for shaft pulverizer furnace with cyclone burners. p.1.
Raer, G.A. - Calculating the strength of wheel blades in centrifugal ventilator. p.6.
Sokolovskii, L.P. - Investigating the aerodynamics of the exhaust nozzles in turbines and compressors. p.11.
Orlin, A.S. - Investigating the gas exchange in two-cycle engines. p.13.
In the I.I.Polzunov Central Scientific Research Institute for Boilers and Turbines. p.14.
Zaks, I.A., and others. - Brittle breaking of 1Kh1Z steel during soldering. p.15.
Dollnskii, E.D. - Steady output of steam turbines by Leningrad Metal Plant. p.20.
Gel'man, L.I. - Centrifugal pump for amalgams. p.23.
Dembo, G.I. - OVPT-270 feed turbopump. p.25.
Ilikhin, N.B. - Utilization of nuclear fuel in English power industry. p.26.
Shatilov, A.I. - Device for removal of used lubricant from trunk engine cylinders. p.30.
Conference of the readers of periodical "Energomashinostroenie." p.30.
List of most important works performed by Leningrad Metal Plant in 1956. p.31.

MEKHANIZATSIIA TRUDOEMKIKH I TIAZHELYKH RABOT [MECHANIZATION OF TIME-CONSUMING AND HEAVY WORK]. Organ of Ministerstva: Ugol'noi promyshlennosti SSSR, Lesnoi promyshlennosti SSSR, Stroitel'stva SSSR, and Stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti SSSR [Ministries: Coal Industry of the U.S.S.R., Forest Industry of the U.S.S.R., Construction Industry of the U.S.S.R., and for Construction of Metallurgical and Chemical Plants of the U.S.S.R.]. Moscow, vol.10, no.8, Aug. 1956.
Table of contents translated:
Soviet miners' holiday. p.3.
Merkulov, V.E. - Ways of carrying out the over-all mechanization of coal mining. p.6.
Sukhachev, D.A., Fel'dman, M.E. - Sinking 902 meters of preparatory shafts a month with the PK-2m combine. p.10.
Lisitsyn, A.A., Paramonov, V.I. - Experience in introducing MPK mechanized moveable mine supports. p.11.
Trakhman, A.I., Stakhevich, E.B. - Resources for reducing time-consuming operations in coal mines. p.16.
Golubentsev, A.N. - On the efficiency of introducing new machinery and technology in the mines of the coal industry. p.19.
Markman, D.E. - Important potentialities in increasing the productivity of excavators. p.24.
At the All-Union Industrial Exhibition. p.24a-d
Builders' day. p.25.
Novosolov, E.S. - Building and road construction machinery manufacture in the sixth five-year plan. p.26.
Linetskii, IA.I. - Improving the erection of frame panel buildings. p.32.
Grigor'ev, K.I., Shlimmer, A.L. - Equipment for loading and unloading loose-flowing materials. p.37.
TSarevskii, A.M., Pugavko, B.I. - Small-sized MZU dredge. p.41.
Trainis, V.V., Peskova, N.P. - Hydraulic transport of coal in foreign practice. p.43.
Efimov, I.E. - For a determined introduction of the advanced experience of miner innovators. p.45.
From the pages of foreign journals--July 1956. p.48.

Vol. 10, no. 9, Sep. 1956.
Table of contents translated:
Utilizing lumbering technology to the full. p.3.
Liapin, D.P., and others. - The over-all mechanization of cleaning and preparation work. p.5.
Kaimykov, E.P. - Accelerating the sinking of vertical shafts in the sixth five-year plan. p.10.
Brenner, V.A., Ivanchinov, A.M. - PKG-2 cutter-loader in the Karaganda Basin. p.12.
Geleskul, M.N. - Effectiveness of metal and reinforced concrete supports in preparing coal mine workings. p.14.
Bogutskii, S.S., Tarasevich, L.I. - The operation of automatic bilge pumps in the Kuznetsk Basin. p.18.
Fedorov, I.G. - An exhibition of new construction technology. p.20.
Vorontsov-Vel'iaminov, N.P. - More efficient operation of a single-bucket excavator in working light soils. p.24.
Voevoda, D.K., Gatskevich, V.A., Khudiakov, A.V. - Over-all mechanization and automatization of work at landings. p.28.
Karavashkin, S.I. - Transporting tree-length logs by semitrailer without pole. p.32.
Osipenko, I.O. - Loading tree-length logs with an E-505 excavator-crane. p.33.
Erakhtin, D.D., Parfenov, G.M. - Means of over-mechanization of lumbering operations. p.35.
Val'kov, N.A., Usminskii, A.N. - Handling packag freight in Leningrad harbor. p.36.
Bessmertnyi, D.P. - Harvesting block peat with TUMKAR machines. p.41.
Dluzhin, V.I., Lukkanen, A.A. - Winning hydropea with an assembly of UKB-SKS machines. p.42.
Krasnov, L.M. - Operational inadequacies of bridg cranes. p.43.
Kurek, N.M., Ostrovskii, M.V. - Construction of reinforced concrete bridges in the peoples' democ racies. p.45.
Dukel'skii, A.I., Fadeev, N.K. - Valuable handboo p.47.
From the pages of journals. p.48.

MOSCOW. GOSUDARSTVENNYI SOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII TRAKTORNYI INSTITUT. [Tru dy] [STATE ALL-UNION SCIENTIFIC RESEARCH TRACTOR INSTITUTE. [Transactions]]. No.14, 19
Title translated:
Nisnovich, A.I. - New methods for determining the wear rate of tractor engine parts. 43 p.
Title transliterated: Nisnovich, A.I. - Primenenie novykh metodov opredeleniia velichiny iznosa detalei traktornogo dvigatelia. 43 p.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 81/82, 1956
Title translated:
Specifications for the Series VL22[m] electric locomotive; basic data and characteristics. 110 p.
Title transliterated: Pasport elektrovoza serii VL22[m] ; osnovnye dannye i kharakteristiki. 110

No. 85/86, 1956. Issledovaniia zhelezobetonnykh svarny mostovykh konstruktsii [Investigation of reinforced concrete and welded bridge elements]
Table of contents translated:
Foreword. p. 3.
Evgrafov, G.K., Mal'tsev, P.V., Osipov, V.O. - Effect of external loading and yield point of a joint on the magnitude of residual stresses in H-shaped welded elements. p. 5.
Mal'tsev, P.V., Osipov, V.O., Popov, S.A. - New desi for standard test piles having rubber chambers. p. 20.
Mal'tsev, P.V. - Deformation meter for measuring residual and summary stresses. p. 42.
Pomerantsev, A.M. - Precast reinforced concrete trestle pile bridges. p. 50.
TSar'kov, A.A. - Investigating the conditions determi ing the selection of optimum schemes for pile gri lage of bridge supports. p. 66.
TSar'kov, A.A. - Method for serial calculation of tall frame-type pile grating. p. 114.
Sheikin, A.E. - Creep under repeated loading and the deformation modulus of concrete. p. 110.
Mitropol'skii, M.N. - Regulating stresses in jointless arched reinforced concrete bridges allowing for elongation processes. p. 127.
Litvinov, L.N. - Calculating several types of arch centers for laminated concreting of reinforced con crete bridges. p. 150.
Iosilevskii, L.I. - Using wire resistance gauges for measuring stresses in the reinforcements of con-crete elements. p. 174.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL' SKII INSTITUT ZHELEZNODOROZHNOGO TRANS-PORTA. Trudy [ALL-UNION SCIENTIFIC RESEARC INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 117, 1956.
Title translated:
Gurevich, A.N., Platonov, E.D. - Increasing the power of the TE 2 diesel locomotive. 58 p.
Title transliterated: Gurevich, A.N., Pla nov, E.B. - Povyshenie moshchnosti teplovoza TE2. 58 p.

No. 118, 1956.
Title translated:
Shuplov, V.I., and others. - Automatic telephone communication in railroad transport. 173 p.
Title tranliterated: Shuplov, V.I., and others. - Avtomaticheskaia telefonnaia sviaz' na zheleznodorozhnom transporte. 173 p.

No. 122, 1956.
Title translated:
Nakhodkin, M.D., Khvostov, V.S., Kurbasov, A.S. Investigation of direct-current electric traction engine units. 93 p.
Title transliterated: Nakhodkin, M.D., Khvostov, V.S., Kurbasov, A.S. - Issledovanie rab uzlov tiagovykh elektrodvigatelei postoiannogo toka. 93 p.

No. 125, 1956.
Title translated:
Sevast'ianov, S.I. - Water treatment in boilers. 90 p.
Title transliterated: Sevast'ianov, S.I. - Vnutrikotlovaia obrabotka vody. 90 p.

PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Ministerstvo mashinostroenila i priborostroenila SSR [Ministry fo Machine Building and Instrument Manufacture of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.

Table of contents translated:

Remnev, V.F. - Circuit design of automatic thermal compensation in pH-meters. p. 1.
Medvedev, S.V., Latyshev, V.K. - New methods for fluid level measuring using radioactive isotopes. p. 6.
Kaganov, M.A., Korobochkin, I.V., Shilmovich, V.M. - Measuring instruments based on the utilization of semiconducting thermistors. p. 10.
Ermolov, I.N., Krakoviak, M.F. - Ultrasonic thickness measuring instruments. p. 13.
Svet, D.IA. - Recent methods and electronic systems in radiation pyrometry. p. 15.
Nagatkin, A.G. - Development in designing mercury-free differential manometers and flowmeters. p. 18.
Moskalev, V.A. - Fatigue resistance test of membranes. p. 21.
Batalov, Kh.Kh. - Automatizing the control of the moment of friction for bearings in instruments. p. 25.
Shabanov, F.I., Rozental', N.K. - Instrument for electric seam welding of membranes. p. 27.
Orshanskii, D.L. - International convention of instrument designers. p. 28.
TSupko, I.N. - New instruments and apparatuses. p. 29.
Conference on the automatization of industrial processes in nonferrous metallurgy. p. 31.
IAmutsevich, F.P. - Floating water level controller without stuffing box. p. 32.

No. 9, Sep. 1956.

Table of contents translated:

Gusakov, A.F., Radzivilov, E.N. - Demonstration of the achievements of the Soviet instrument industry at the All-Union industrial exhibition. p. 1.
Vasmanov, V.V. - New input member based on graphically recorded functions for calculating machines and instruments. p. 6.
Poliakov, Z.S. - Pneumatic automatic control device. p. 8.
Kuznetsov, A.I., Simonov, D.A. - Automatic machine-part production counters on automatic lathes and other metal-cutting machines. p. 11.
Sall', A.O. - Selectivity and sensitivity of infra-red gas analysers. p. 12.
Tishchenko, O.F. - Using involute-tooth profiles for wheel trains used in watches. p. 15.
Pavlov, E.M. - Bending technique for determining the thermoelastic factor. p. 20.
Solov'ev, A.I. - Friction in roller bearings used in instruments. p. 21.
Levin, M.I., Morozov, N.F. - Designing basic instruments for the automatization of diesel engines. p. 23.
Zelenev, V.A., Vorob'ev, A.I. - Introducing the plastic flow method for hot forming. p. 24.
Conference on automatization of production processes in the chemical industry. p. 26.
Kaganov, V.IU. - Conference on automatization of production processes in ferrous metallurgy. p. 27.
Zabavin, V.I. - Multi-conduit stroboscopic automatic recorder. p. 28.
Pozdniakov, A. - Vertical brush polishing machine. p. 29.
New books. p. 30.
Dissertations for science degrees. p. 31.
Mass-rate flow-measuring based on the principle of inertia.(Foreign bibliography). p. 32.

PRYKLADNA MEKHANIKA [APPLIED MECHANICS]. Issued by Viddil tekhnichnykh nauk Akademii nauk URSR [Department of Technological Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 2, no. 2, 1956. [In Ukrainian with summaries in Russian]

Table of contents translated:

Filippov, A.P. - Review of investigations on the theory of vibration in bars. p. 117.
Savin, G.N., Shevelo, V.N., Kuzhil, A.L. - Study of longitudinal vibrations in variable-length strings accounting for internal hysteresis-type friction. p. 133.
Georgievskaia, V.V. - Effect of wire rope lapping on its internal dynamic stresses (second stage of lifting). p. 147.
Ishlinskii, A.IU. - Approximation method for the investigation of vibrating systems. p. 152.
Grilitskii, D.V. - Effect of the application of points of forces and moments on the stress distribution in endless anisotropic plates with elliptic hole. p. 159.
Diatlovitskii, L.I. - Investigation of stresses in gravity dams. p. 167.
Trofimovich, V.V. - Calculating three-panel trussed stringers in the elastic-plastic stage subjected to immovable and movable loads. p. 185.
Liberman, A.D. - Designing dome roofing for buildings utilizing symmetry. p. 196.
Bondar', N.G. - Static stability of a very steep parabolic nonhinged arch. p. 204.
Rashba, E.I. - Setting up biharmonic finite difference equations for contour points. p. 210.
Ugodchikov, A.G. - Torsion of hollow prismatic rods. p. 217.
Gumeniuk, V.S. - Determining the lowest (basic) frequency of free vibrations in rectangular orthotropic plates. p. 224.
Reviews and bibliography. p. 227.
Brief news. p. 230.

Vol. 2, no. 3, 1956. [In Ukrainian with summaries in Russian.]

Table of contents translated:

Pysarenko, H.S. - Energy dissipation in vibrating solids; survey. p. 237.
Polozhii, H.M. - Technique for solving problems on prismatic bar bending. p. 257.
Nazarov, O.O. - Applications of equilibrium equations for sloping shells. p. 270.
Ovchynnykov, P.F. - Integral equations for the steady motion of rotating variable cross-section shafts accounting for displacement and gyroscopic moment. p. 284.
Stavraki, L.M. - Static calculations of flexible barrages. p. 297.
Strelbyts'ka, O.I. - Supporting power of thin-walled rods subjected to composite stresses. p. 306.
Amiro, I.IA. - Determination of limit load for plates composed of separate hinged sections. p. 318.
IAkovleva, V.I. - Torsion of certain hollow prismatic bars. p. 325.
Diuhach, M.I. - Calculating model based on the web method. p. 333.
Humeniuk, V.S. - Basic frequency of free vibrations in plates with linear variations of thickness. p. 342.
Mozniker, R.A. - Frequency and amplitude measuring instrument. p. 345.
Vasilevs'ka, Z.I. - Photo-recording device. p. 347.
Brief news. p. 349.

REFERATIVNYI ZHURNAL: MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINE BUILDING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Sep. 1956.

Contents:

[Abstracts] Referaty 23101-24800. 270 p.

ROSTOV-ON-DON. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions], Moscow, no. 20, 1956. Sbornik nauchnykh statei [Collection of scientific articles].

Table of contents translated:

Foreword. p. 3.
Del Rio, B. - Establishing through-destination trains. p. 5.
Del Rio, B., Nosenko, M.S. - Problems of planning operations in train management. p. 13.
Kaiori, B.A. - Technology of making up "built-up" trains. p. 27.
Kantor, I.I. - Operational and economic efficiency of railroads having very sloping ruling grades. p. 36.
Gorshkolepov, V.F., Del Rio, B., Shatilov, V.V. - Problem of determining the distance between freight container platforms in spacing them. p. 60.
Bogachev, A.I. - On the effectiveness of increasing traffic capacity on two-track sections during periods of track work. p. 71.
Pisanko, A.S. - Some measures for improving station operations during the period of track work. p. 85.
Safris, L.V. - Calculating a magnetic amplifier by the linearized characteristics of magnetization. p. 89.
Safris, L.V. - Calculating the current in an inductive load switched in through a bridge rectifier. p. 107.
Safris, L.V. - Transient processes in contactless magnetic relays. p. 113.

SEL'KHOZMASHINA [THE AGRICULTURAL MACHINE]. Organ of Ministerstvo mashinostroenila SSSR [Ministry of Machine Building of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.

Table of contents translated:

Concentrate on the development and testing of new harvesting machinery. p. 1.
Pavlov, S.N. - Feed-processing machines for collective and state livestock farms. p. 3.
Vakhrameev, V.A. - New high-capacity LOS-0,8 machine for cleaning the seed of fiber flax. p. 8.
Malykhin, IU.Z. - Performance of corn-harvesting combines. p. 10.
Lebedev, N.P. - Multipurpose electric machine for pruning and shaping mulberry trees. p. 11.
Roslov, IU.A., Filatov, K.V., Matrosov, A.N. - Semimounted electric mower. p. 13.
Zagorskii, I.M. - Designing rotating parts used in the removal of surface layers in cutting firebreaks. p. 15.
Safrazbekian, O.A., Vasilievich, M.G., Shcherbakova, L.A. - Evaluating the performance of new checkrow potato planters. p. 18.
Kuz'min, V.I. - Some problems in economizing metal and improving the serviceability of FB-1,9 peat cutters. p. 22.
Zhivotko, B.I. - Separating stones from root crops at the time of washing. p. 23.
Zalosskii, S.K. - Correcting densimeter readings. p. 24.
Koliasin, E.A. - Problem of electrifying mobile agricultural machinery. p. 26.
Suslov, S.A. - Damping the vibration in the vertical cutting of long threads. p. 29.
MTG three-wire head of the EM-6 metal sprayer for applying antifriction coatings. p. 31.
Electrode holders for gas welding. p. 32.

STANKI I INSTRUMENT [MACHINE TOOLS AND INSTRUMENTS]. Organ of Ministerstvo mashinostroenila SSSR [Ministry of Machine Building of the U.S.S.R.]. Moscow, vol. 27, no. 7, July 1956.

Table of contents translated:

Zusman, V.G., Vul'fson, I.A. - Program controlled machines. p. 1.
Verkholat, M.E. - Contour followers with intermittent control (for copy-milling machines). p. 9.
Vragov, IU.D. - Tracer control is a new technical facility for metal-cutting machines. p. 13.
Barzam, R.B. - High-production multiposition drum-type machine tools. p. 15.
Levin, A.A., Loginov, IA.V. - Machine for processing piston pin holes. p. 20.
Kamyshnyi, N.I. - Bin feeder chargers for light machine parts. p. 24.
Filatov, V.P., Rotnitskaia, T.IU. - Using the radial undercut technique in gear cutting. p. 27.
Vanin. - Using the radial undercut technique in gear cutting. p. 31.
Fedorov, N.M. - Adjustable reamers with hard alloy tips. p. 31.
Brovman, IA.S., Tevs, N.G. - Steadiness of cutting operations with divided heavy-duty electric drive. p. 33.
Zonnenberg, S.M. - Bin charging and power feed of machine parts for automatic undercut grinding. p. 35.
Loginov, V.E., Podzei, A.V. - Adjusting the amplifier scale of strain gauges. p. 36.
Ligaskii, IU.D., Sukharev, I.A. - Mechanizing the grinding and lapping of cutting tips. p. 37.
Notik, S.M., Kulikov, G.P. - Introduction of mineral-ceramic cutting tips for high-speed metal cutting. p. 39.
Gokhberg, M.M. - Cutting internal gears on slotting machines by the single-cutter generating process. p. 40.
Klebanov, N.N. - Machining by two cutters operated by the principle of divided feeds. p. 41.
Mynkin, P.V. - Pneumatic turning fixture with automatic cylinder shifting and inside air-conduit design. p. 41.
Morozov, B.N. - Mechanization of metal chips removal from machine tools. p. 43.
Pashin, IU.D. - Electrometallization process for producing nuts for helical gear transmissions. p. 43.
Platetskii, B.G. - A screw driver for spots hard to reach. p. 44.
Bogorodskii, A.K. - A steel-band strapping gadget for packing boxes. p. 44.
Zolberman, M.M. - Damping device for manometers. p. 45.
Books. p. 46.
Dissertations. p. 46.
Periodicals. p. 46.

STROITEL'NOE I DOROZHNOE MASHINOSTROENIE [ROAD AND CONSTRUCTION MACHINERY BUILDING] Issued by Ministerstvo stroitel'nogo i dorozhnogo mashinostroenila SSSR [Ministry of Road and Construction Machinery Building of the U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:

Insure the fulfillment of the measures worked out by the All-Union Conference of Construction Engineers. p. 3.
Balenko, A.F., Bukh, V.M. - The EM-201 multi-bucket excavator. p. 5.
Lobanovskii, M.G. - Method of calculating load limiters for mobile derrick cranes with interchangeable booms. p. 7.
Voshchinin, N.P. - Selecting basic parameters for the working parts of tamping machines for soil consolidation. p. 10.
Emel'ianov, V.S. - Improving the design of currently used hammer mills. p. 13.
Golubovich, S.R., Fink, L.E. - Screw roller device for removing rocks. p. 16.
Shirom, V.V., Gimel'farb, S.P. - Moulding machine for the production of rigid mineral wool slabs by the intermittent method. p. 18.
Komissarchik, N.A. - Electromagnetic method of attaching the forms for reinforced concrete products to vibration machines. p. 21.
Targonskii, V.I. - Modernizing equipment in the ministry's plants. p. 24.
Krylov, V.I., Fokin, G.F. - On the possibility of changing over to pattern casting of large size parts. p. 25.
Sobolev, A.V., Silnichenko, A.I. - Increasing the heat resistance of mold boxes and carburizing boxes. p. 29.
Titov, V.N. - The TR-4 tractor loader for inert materials. p. 30.
Shirokov, I.L. - Device for pressing stator coil

ends for the electric motors of power tools. p. 32.
Zheltikov, I.I. - Rapid heavy smelting of steel in electric arc furnaces. p. 33.
Nemirovskii, E.I. - "Vaku-Blast" cleaning machine. p. 35.
Skotnikov, V.A. - One-bucket loaders abroad. p. 36.
Eliseev, V.V. - Pendulum vibrators. p. 38.
Annotations to articles in foreign journals. p. 40.

TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Ministerstvo elektrostantsii SSSR, Ministerstvo tiazhelogo mashinostroenila SSSR and Akademiia nauk SSSR [Ministry of Electric Power Stations of the U.S.S.R., Ministry of Heavy Machine Building of the U.S.S.R., and the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no. 8, Aug. 1956.

Table of contents translated:

Rakov, K.A., and others. - Problems in designing large once-through boilers for supercritical steam parameters. p. 3.
Kostrikin, IU.M., and others. - Results of thermochemical tests on a once-through boiler at 215 and 300 atm. p. 10.
Kot, A.A. - Washing steam of high-pressure and superpressure boilers. p. 14.
Bulgakova, N.V., Deeva, Z.V., Prokhorova, A.M. - Thermochemical tests with desalted water as feed for once-through boilers having supercritical parameters. p. 17.
Lobanov, V.P., Gribkov, M.N. - Thermal testing of the first model of the SVK-150-1 turbine. p. 18.
Berman, L.D., Fuks, S.N. - Increasing the watertightness of steam turbine condensers in installations with supercritical pressures and temperatures. p. 25.
Sokolov, E.IA., Rubinshtein, IA.M., Zinger, N.M. - Power, technical, and economic indexes for heat supply systems in large towns. p. 31.
Laguntsov, I.N. - Use of austenitic steel in a boiler installation having supercritical steam paremeters (600° C and 300 atm.) in the heating and power plant of the All-Union Heat-Engineering Institute. p. 39.
Belinskii, S.IA. - Basic indexes of the efficiency of American plants with supercritical pressures and temperatures. p. 44.
Samoilovich, G.S. - American reactors for power generation to be put in service between 1956 and 1960. p. 50.
Cliffy Creek and Kyger Creek Plants have gone into operation. p. 51.
Vintsents, B. - Outlook for the development of large turbines in Czechoslovakia. p. 51.
Nolman, K. - Turbines for low temperatures. p. 51.
Gas-turbine installation of 40 Mw capacity. p. 51.
Rivkin, S.L., Sirota, A.M. - Tables of the thermodynamic properties of water and water vapor at pressures up to 400 atm. and temperatures up to 750° C. p. 52.
Shukher, S.M. - Projected new and improved boiler units. p. 54.
All-Union Heat-Engineering Institute in the sixth five-year plan. p. 58.
Calculated standards of quality for boiler water and steam. p. 59.
Principal works of the All-Union Heat Engineering Institute in the field of high and supercritical pressures. p. 62.
Letter to the editor. p. 63.
Fuks, G.I. - The book "Technical thermodynamics" by M.P.Vukalovich, I.I.Novikov. p. 64

press. p. 46.
Pogorelov, V.I. - Four-valve hudraulic distributor. p. 47.
Tilli, G.N. - Letter to the editor. p. 48.
Shteininger, Z. - Electric-spark machining of dies. p. 48.
Namitokov, K.K., Aleksandrovskii, N.N. - Efficient method for broaching irregularly shaped holes by electric sparks. p. 51.
Frenkel', A.B. - Improved-forging trimming dies. p. 53.
Lychagin, IA.IA. - Manufacture of draw-in attachments. p. 55.
Khvatov, M.S. - "Dry" hardening of leaf springs. p. 56.
Safronovich, A.A. - Machine for fabricating corrugated hoops. p. 57.
Tarakhtii, V.D. - Modernizing the machinery at the Ural Machine Building Plant. p. 59.
Gavrilov, V.S. - Improving the Reinbohten machine. p. 64.
Rovinskii, G.N. - Improving a fagoting press. p. 65.
Brinberg, I.L., Sokolova, A.M. - Organizing centralized machinery production for mechanization and automatization of arc welding. p. 68.
Petrov, A.S. - Marine machine building at the exhibition in London. p. 72.
Kiselev, G.A. - Scientific technical conference on increasing the durability of machines. p. 79.
Kudachkov, I.A. - Production in lots of gas analysing instruments. p. 80.
Kornilov, S.A. - Letter to the editor. p. 81.
Kinkul'kin, B.E. - Exhibition in Hanover. p. 82.
Shapiro, A.IA., Makheeva, M.A. - "High-pressure hydraulic pumps and pump storage stations." V.A. Mikheev. p. 89.
Shevchenko, E.P. - "High-speed metal cutting." p. 91.
Authors' abstracts of dissertations. p. 92.
New books. p. 93.
Review of foreign periodicals. p. 94.

Vol. 38, no. 6, Aug. 1956.

Table of contents translated:

Shapiro, M.B., Rumiantsev, V.A. - Increasing the durability of compressor valve disks. p. 3.
Velichkin, I.N. - Characteristics of the operating cycle of the G-58 gas generator. p. 6.
Kudriavtsev, V.N. - The 3K planetary gears. p. 11.
Karas', V.Z., Ravkind, A.A. - Test use of a silicone torsional vibration damper. p. 16.
Koval'skii, B.S. - Load loops for cranes. p. 22.
Tenenbaum, M.M. - Laboratory evaluation of the wear resistance of steel subjected to sandpaper tests. p. 25.
Kovalev, M.K. - Allowances for taper threads. p. 30.
Shcherbiuk, N.D. - Test use of stuffing box face packings for shafts. p. 34.
Liakhov, V.K. - Structure of insoluble particles in used motor oil. p. 35.
Gekht, P.Sh. - Cutting and shaving helical conical gears. p. 37.
Karelin, N.M. - Machining polyhedrons without copying devices. p. 42.
Namitokov, K.K., Ganapolskii, E.M. - Dynamometer for measuring metal cutting forces. p. 47.
Lychagin, IA.IA. - Substitutes for diamonds. p. 48.
Gazarov, A.T. - Designing embossing press mechanisms. p. 50.
Bernshtein, Kh.B. - Improving the design and the technology of stamped driving chain production. p. 56.
Shevelkin, B.N., Golovanova, A.P. - Stamping machine-parts from nonferrous metals and alloys in closed dies. p. 58.
Vaintraub, D.A. - Calculating blanks for bending; letter to the editor. p. 59.
Shabunin, V.G. - Electropolishing of consumers' goods. p. 60.
Minenko, V.I., and others. - Insulated hooks for
plating machine-parts. p. 62.
.M. - A three-wire head for metal spraying.

A.G., Karataev, V.M., Kudriavtsev,
ectropolishing of magnetic soft-alloy
g alternating current. p. 67,
, - Attachment for cutting rack-teeth on
ing machines. p. 68,
, Dashevskii, B.I. - Expansion of rivets
rictional heat. p. 69,
G. - Most important tasks of the in-
l the use of calculating machines in ma-
ling. p. 71,
V.D. - Essential problems of precision
building. p. 75,
nference on the introduction of advanced
methods in machine building. p. 79,
. - Using molybdenum disulfide as a
lubricant; survey of foreign books and
p. 81,
- Review of "Handbook on the replace-
reign-made rolling bearings by Russian
V.K. Petrichenko, I.M. Nikberg, A.I. Ne-
hii. p. 85,
tracts of dissertations. p. 87,
, 88,
eign periodicals. p. 92.

op. 1956.

contents translated:

- Crane trolleys with a reduced number
dock branches. p. 3.
osha., Solov'ev, O.P. - Flying shears for
billet mills. p. 11.
., Gabrichevskii, B.N. - New standards
VP-type elastic clutches. p. 17.
Rimshan, A.V., Kiselev, K.N., Efanov, V.I. - Transverse ball-rolling mill and building up of working roller grooves. p. 23.
Efficient running-in of engines; conclusions drawn from discussions. p. 28.
Kugel', R.V. - Effect of running-in conditions on the durability of engines. p. 29.
Voinov, N.P. - Effective running-in improves engine efficiency. p. 32.
Kuchma, L.K. - Vibration-resisting boring mandrels. p. 33.
Egorov, A.M. - Prevention of vibrations while working with production cutting tools. p. 39.
Sergienko, V.A. - Broaching large slot holes. p. 44.
Martirosov, G.B. - Broaching instead of honing. p. 47.
Bugrova, A.A. - Determining the height of the flange and the layout for flanging noncircular holes. p. 49.
Kozlov, I.N. - Letter to the editor. p. 51.
Mikhailov, A.A. - Effect of polishing conditions on the changes in the net of grooves in porous chromium layers. p. 52.
Markov, N.G., Kisliakov, F.V., Trukhachov, M.M. - Grinding machine-parts surfaces by abrasive liquids. p. 56.
Vorob'ev, K.G., Sychev, IU.N. - New methods for repairing steam-pneumatic stamping hammers. p. 58.
Kokroshvili, G.A. - Reconditioning thin-walled bushings. p. 61.
Vorob'ev, A.A., Moskalev, V.A. - Using particle accelerators for defectoscopy and radioscopy of thick-walled objects. p. 62.
Semenov, R.A., Bogatyrev, V.G. - Ultrasonic control of bushings. p. 65.
Vladimirov, L.P. - Statistical control of production operations. p. 67.
Mikhailov-Mikheev, P.B. - Titanium and its alloys; survey of technical periodicals. p. 70.
Dashevskii, I.S. - Development of main machine design in modern seagoing vessels. (Survey of foreign engineering). p. 73.
Storozhev, M.V., Perlin, I.L. - "Engineering methods for evaluation of stresses due to metal presswork," E.P. Unksov. p. 83.
Kokhtev, A.A. - Readers' conference at Rostov-on-Don. p. 88.
Authors' abstracts of dissertations. p. 90.
New books. p. 91.
Survey of foreign periodicals. p. 92.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei sobshchenila SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 38, no. 8, Aug. 1956.

Table of contents translated:

Editorial: For better operation of the railroads. p. 3.
Lugovoi, P.A., Galkin, N.V., TSypin, L.G. - Determining the length of locomotive runs in using electric and diesel traction. p. 6.
Mitrofanov, V.A. - Operating diesel locomotives over longer runs. p. 15.
Shishlakov, A.V., and others. - The electro-pneumatic brake. p. 18.
Kislik, V.A., Karmazin, A.I. - Selecting steel for pairs of car wheels. p. 24.
Podshivalov, B.D. - Specialized forge work in repair plants. p. 27.
Bogdanov, I.A. - On the efficient utilization of railroad car fleet. p. 32.
Bolen'kii, N.P., Vasil'ev, N.P. - Lengthening the receiving and departure tracks is an important element in station reconstruction. p. 37.
Zomblinov, S.V., and others. - More on the construction of railroad lines in the Moscow rail system. p. 41.
Orlov, N.K., Cheropenko, A.E. - On the possibility of eliminating circular hauls on the road. p. 45.
Tverskoi, K.N. - The great significance of increasing the speed of train movements. p. 49.
Kalashnikov, V.I., Shamis, I.M., Solobaenko, L.D. - Advanced technology of car repair and improved cost accounting. p. 54.
Sokolov, A.N. - First experience with mass production and laying of railroad ties. p. 58.
Gromov, L.K. - Shortcomings in designing crushed-rock road beds. p. 63.
Savintsev, G.N. - Prolonging the life of railroad ties. p. 66.
Temerov, B.F. - Experience in servicing relay interlocking systems. p. 69.
Finashin, I.S., Karabanov, S.A. - Device for package-loading grain into railroad cars. p. 75.
Tikhoniuk, I.N. - Efficient use of loaders and machinery in loading and unloading. p. 76.
Merzliakov, V.Z. - Panels for chalk markings on freight cars. p. 76.
Kuzin, A.A. - Bronze reinforcement of steel bearings for tenders. p. 77.
Kuchma, K.G. - Using high-frequency technology on electrified track sections. p. 78.
L'vitsyn, A.M. - Maintaining frog curves according to depth of curvature. p. 79.
Strochkov, A.A., Troitskii, M.D. - Making metal strips for bracing the ends of ties. p. 80.
Pokrovskii, G.S. - Model gauge for deciphering railroad car track measuring tapes. p. 81.
Ivanov, I.I. - Single-phase electrification of railroads. p. 82.
Stary, I.V. - Organization of shipment of light freight on Czechoslovak railroads. p. 86.
Review of foreign railroad journals. p. 88.

Tuchkevich, T.M., and others. - Qualities and defects of a manual on transportation economics. p. 91.
Mikokhov, A.A. - Textbook on the organization of train movements for technical school students. p. 94.

Vol. 33, no. 9, Sep. 1956.
Table of contents translated:
Complete preparations in time for excellent winter-time work in the transport industry. p. 3.
Isaakian, O.N., Gurskii, P.A. - New regulations for locomotive calculations. p. 6.
Orobinskii, G.D. - Important problems in increasing the operating efficiency of diesel locomotives. p. 13.
Beshcheva, N.I. - Parameters for railroad motorcars used on urban lines. p. 16.
Kurchashova, V.A., Tomfol'd, L.P. - Organizing the repair of electric rolling stock at the Pererva depot. p. 24.
Arshinov, I.M. - Annual repair of railroad cars by combined work teams. p. 28.
Arkhangel'skii, A.S., Kreinin, A.V. - Ways of improving the system of freight rates. p. 33.
Smollanskii, IA.B. - Potentialities in economizing on material and equipment. p. 39.
Sarantsev, P.L. - Prospective development of the railroad system in the Kuznetsk Basin. p. 45.
Kirpichenkov, IA.P. - New equipment and raising labor productivity on railroads. p. 49.
Sergeev, P.M. - Methods of decreasing the idle time of railroad cars in freight stations. p. 54.
Dergleiskii, V.M. - Shortcomings in the use of electric interlocking systems. p. 57.
Savchenko, I.E. - Determining the number of receiving and departure tracks for stations. p. 61.
Angeleiko, V.I. - High speed train movement and the calculation of tracks for strength. p. 66.
Khoroshuk, V.V. - Mechanical snow removal in the Cheliabinsk junction. p. 69.
Kollada, G.I. - On the effective use and rate of construction of automatic control and telemechanical systems. p. 72.
Speeding up railroad car turnover. p. 77.
Introducing the use of reinforced concrete ties. p. 78.
Mamisakhlisov, G.I. - Determining unloading norms by engineering plan. p. 79.
Kol'tsov, N.I. - Improving local planning in the railroad car industry. p. 81.
Shangina, L.K. - Device for taking off three-phase current from a contact system. p. 82.
Solivanov, G.I. - Forest shelterbelts on the Volga Valley railroad. p. 83.
Kulikov, N.N. - Compact loading of prefabricated house elements. p. 85.
Visloukh, L.A. - Electrification of railroads in Czechoslovakia. p. 86.
Locating classification yards. p. 88.
Braking tracks on Polish railroads. p. 89.
Single motor fork lift truck. p. 90.
Survey of foreign railroad journals. p. 90.
Ryshkovskii, I.IA. - Textbook on electric stations and substations. p. 94.

## h) MINING & METALLURGY

AKADEMIIA NAUK SSSR. Institut nefti. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Petroleum Institute. Transactions]. Moscow, vol. 8, 1956.
Table of contents translated:
Mironov, S.I., Sokolova, M.N. - Petroleum of Tuva. p. 3.
Sokolova, M.N., Mironov, S.I. - Discoveries of ozocerite in the Minusinsk Basin. p. 8.
Topchiev, A.V., and others. - Homologs of decalin in certain Soviet petroleums. p. 21.
Fesenkova, N.G. - Luminescence characteristics of petroleum oil fractions isolated by the adsorption-chromatographic method. p. 30.
Sergienko, S.R., and others. - Composition and properties of petroleum high molecular weight compounds. Article 3: Study of the composition and properties of the tarry portion of Tuymazy (Devonian) petroleum. p. 35.
Sergienko, S.R., and others. - Composition and properties of petroleum high molecular weight compounds. Article 4: Study of the composition and properties of the tarry portion of Romashkinskiy (Devonian) petroleum. p. 42.
Sergienko, S.R., and others. - Composition and properties of petroleum high molecular weight compounds. Article 5: Study of the composition and properties of the tarry portion of Bavly (Devonian) petroleum. p. 47.
Sergienko, S.R., Chaiko, V.P., Rumiantseva, Z.A. - Study of the petroleum high molecular weight compounds. Article 6: Composition and properties of the tarry portion of Kayl-Tumshukskiy petroleum. p. 52.
Karaulova, E.N., Nekrasov, A.S. - Isolation of sulfur compounds by means of tin chlorides. p. 60.
Sosnina, A.S. - Chromatographic adsorption analysis used for studying sulfur compounds of kerosine of Tuymazy Devonian petroleum. p. 68.
Luk'ianitsa, V.G., Gal'pern, G.D. - Some data on the ratio of sulfur in sulfides and in total sulfur in fractions of Romashkinskiy and Tuymazy petroleums. p. 76.
Volynskii, N.P. - Accelerated lamp method for determining sulfur in various petroleum products. p. 84.
Volynskii, N.P., Chudakova, I.K. - Double combustion method for determining sulfur in petroleum products. p. 88.
Lavrovskii, K.P., Kolbanovskii, IU.A. - Role of ionization potential in electronic catalysis on metals. p. 92.
Lavrovskii, K.P., Rozental', A.L. - Course of chemical reactions in a "boiling" layer. p. 94.
Shchekin, V.V., Morozova, O.E., Antonova, A.I. - Determination of homogeneity and the amount of active surface in aluminosilicates. p. 100.
Shchekin, V.V., Molchanova, S.I., Antonova, A.I. - Change in activity and selectivity of aluminosilicate catalysts. p. 107.
Gol'din, S.A., Shchekin, V.V. - Change of the microstructure of cracking catalysts during calcination and steam treatment. p. 114.
Mankash, E.I., Molchanova, S.I., Shchekin, V.V. - Adsorption method study of silicate catalyst aging during calcination and steam treatment. p. 120.
Lavrovskii, K.P., Kalinenko, R.A., Rozental', A.L. - Steam conversion of hydrocarbon gases in the presence of an aluminum molybdenum catalyst. p. 131.
Lavrovskii, K.P., Rozental', A.L. - New continuous plan of hydrogen production. p. 134.
Lavrovskii, K.P., Makarov, D.V., Nazarova, L.M. - Combined method of exhaustive hydrogenation. p. 145.
Katsobashvili, IA.R., Kurkova, N.S., Sidorova, N.V. - Equilibrium degrees of conversion of benzene and its homologs in hydrogenation reaction. p. 155.
Bashkirov, A.N., Khotimskaia, M.I., Krukov, IU.B. - Synthesis of hydrocarbons from carbon monoxide and hydrogen in the presence of "sintered" iron catalysts. p. 162.
Bashkirov, A.N., Loktev, S.M., Sabirova, G.V. - Study of the catalytic activity of certain oxides of metals in synthesis from carbon monoxide and hydrogen. p. 168.
Bogomolova, N.F., Dubroval, O.K. - Addition of halogen derivatives to olefins under high pressure. Reaction of carbon tetrachloride with isobutylene. p. 176.
Sanin, P.I., Sker, V.V. - Chemical structure of alkyl phenols and their activity as depressors. p. 180.
Loktev, S.M., Konstantinov, A.A., Antoshchuk, I.A. - Pressure control for laboratory high-pressure apparatus. p. 185.
Sergienko, S.R., Sklar, V.T. - Hydrocarbon composition of Bytkov and Radchenkovskiy petroleums. p. 191.

AKADEMIIA NAUK SSSR. Laboratoriia geologii uglia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Geology of Coal. Transactions]. Moscow, no. 4, 1956.
Table of contents translated:
From the editor. p. 3.
Koperina, V.V. - Composition and formation of the supra-Karaganda, Dolinskiy, supra-Donlinskiy, and Shakhanskiy series of the Karaganda Basin. p. 5.
Nefed'eva, L.P. - Petrological composition and formation of coal measures of the Ekibastuz coal fields. p. 105.

AZERBAIDZHANSKOE NEFTIANOE KHOZIAISTVO [AZERBAIJANIAN PETROLEUM INDUSTRY]. Organ of Ministerstvo neftianoi promyshlennosti Azerbaidzhanskoi SSR [Ministry of the Petroleum Industry of the Azerbaijan S.S.R.]. Baku, vol. 35, no. 2(358), Feb. 1956.
Table of contents tra
Azerbaijanian petroleum indust
year plan. p. 1.
Tairov, Ch.A. - Foraminifera
Aptian stage in northeastern
Movsesian, S.G. - Correlating
Kirmaki series of the Apshe
Ioannesian, R.A., Lalaian, M.
Results of drilling the deepe
(4812 meters). p. 8.
Arakelian, A.A. - Interrelation
tives in conducting edgewate
Vasil'ev, A.G. - Simplified me
power of a diesel drive of pu
p. 14.
Kuliev, I.P. - Some problems i
marine petroleum installatio
Gasanov, IA.G. - Cold phosphat
p. 17.
Allakhverdiev, G.A. - Determi
ties of soil in order to select
ing underground installations
Exploitation of oil sands. p. 22.
Kuliev, A.M., and others. - Ch
solvent for scrubbing distilla
paraffin oils. p. 23.
Guseinov, D.A. - Improving the
duction of cylinder oil. p. 26.
Poliakov, Z.A., Tairova, A.V.
termining scheduled costs of
p. 29.
IU.G. Mamedaliev's 50th birthda

Vol. 35, no. 3(357), Mar. 1956.
Table of contents tra
Akhmedov, G.A., Salaev, S.G.
tions of formation and oil-bearing possibilities of the Apsheron stage in the lower Kura Lowland. p. 1.
Khalifazade, Ch.M. - Some problems of the spectrographic study of rocks of Azerbaijanian oil fields. p. 6.
Musaev, I.M., Kozlov, V.S. - Introduction of a method for adding fluid in well sand pumps. p. 8.
Troitskii, V.F., Sazonov, V.V. - Gas anchor. p. 12.
Kadymova, K.S., Kuliev, N.B. - Small-size four-section gas anchor. p. 14.
Madera, R.S., Nuridzhanov, G.D. - Rapid well maintenance with mechanical cleaning of paraffin from casings and stems. p. 15.
Stetiukha, E.I. - Change of some drilling characteristics in relation to depth. p. 18.
IAsov, V.G. - Power losses due to friction during rotary motion of disks of the turbodrill rotor in fluid. p. 20.
Minin, A.A., Chefranov, K.A. - Drilling installations for deep marine operations. p. 22.
Guseinov, S.B., Guseinov, M.A., Dadashev, B.B. - Effect of axial tension on the stability of outer casings in comparison with warping caused by external hydrostatic pressure. p. 24.
Useinov, I.A. - Stronger pumping and compressor tubing for extra-deep wells. p. 26.
Akhmedov, M.N. - Using high viscosity masut as fuel in oil refineries. p. 27.
Cherfas, A.A. - Technical and economic conditions for application of hydraulic fracturing of oil sands. p. 29.
Fomichev, P.M. - Change in accounting for well construction costs. p. 31.

Vol. 35, no. 4(358), Apr. 1956.
Table of contents translated:
Kurbanov, K.A., D'iachishina, V.M. - Gas logging research in exploratory wells. p. 1.
Alikhanov, E.N., Grobshtein, S.R. - Effectiveness of using appropriate drive methods in the Neftyanye Kamni oil fields. p. 5.
Aliev, Sh.N. - Low mobility of oil-water boundaries. p. 9.
Sushilin, V.A. - Determining the influx and absorption of fluids by individual strata. p. 12.
Safarov, IU.A., Avetisian, A.A., Amirdzhanian, G.O. - The expediency of drilling wells with subsequent reaming. p. 15.
Buzdakov, A.P., Negreev, V.F., Farkhadov, A.A. - Field tests of piles, zinc-coated by the thermal diffusion method, in piers in the Caspian Sea. p. 17.
Minasian, T.S., and others. - Using cracking residues as material for secondary cracking. p. 19.
Ismailov, R.G., Sultanov, Z.A., Ivanova, T.M. - Selecting stock for obtaining thermal cracked gasoline enriched with ethylene. p. 22.
El'ovich, I.I. - Studying the aging of diesel oils. p. 27.
Khmel'nitskii, M. - New process for cracking heavy petroleum residues. p. 28.
Kaufman, V.P. - Determining the effectiveness of exploitation drilling. p. 29.
Contest to develop and introduce a method for hydraulic fracturing of oil sands. p. 32.
Authors' guide. p. 32.

Vol. 35, no. 5(359), May 1956.
Table of contents translated:
Aliev, A.G., Minzberg, L.V., Nikolaeva, L.A. - Reservoir rock characteristics of the Kirmaki series in the Apsheron Peninsula. p. 1.
Agabekov, M.M. - Consolidation of objectives in the Kirmaki series in the Kara-Chukhur oil fields. p. 3.
In oil fields of the Soviet Union. p. 5.
Listengarten, B.M., Ter-Oganesova, A.G. - Determining reservoir rock permeability on the basis of the study of water influx of wells. p. 6.
Adamov, A.I., Imanova, R.IU. - Some results of flooding the NKG-3 horizon in the Azizbekov oil field. p. 8.
Guseinov, G.P. - Productivity index in the case of

Gulizade, M. P. - Methods of studying and calculating the profile of deflected wells. p. 7.
Kornev, T. N. - Calculating drilling casings taking into consideration the effect of changing loads. p. 10.
Fradkin, A. B., Fridman, M. E. - Results of using an electric brake in drilling. p. 14.
Gladkov, I. T. - Analytical determination of dynamic bottom-hole pressures in free-flowing wells. p. 16.
Masumian, V. IA., Mkhitarian, Sh. A. - Fluids for hydraulic fracturing of oil sands. p. 19.
Babalian, G. A., Rzabekov, Z. F. - Effect of the type of infiltrated water on well completion. p. 20.
Kadymova, K. S. - Operation of underground equipment in deflected and directional wells. p. 22.
Aliev, A. A. - Heavy spiral flange. p. 24.
Sultanov, S. G., Kogan, D. V. - System of allowances for plunger and cylinder assembly of deep well pumps. p. 26.
Akhmedzade, A. A. - Reducing heat loss and prolonging the service period of tube furnaces. p. 28.
Kuliev, A. M., and others. - Synthesis and tests of multifunctional additives to oils used in gasoline and diesel engines. p. 30.
IAsnopol'skii, V. D., Aliev, V. S., Arakelian, M. V. - Quantitative determination of aromatic and unsaturated hydrocarbons in motor fuels. p. 33.
Kuliev, A. M., Blidchenko, I. F., Kuliev, R. Sh. - New cylinder oil for locomotives operating with superheated steam. p. 36.
Cherias, A. A. - Methods for developing effectiveness in hydraulic fracturing of oil sands. p. 39.
Ismailzade, D. I., Oganov, S. S. - Results of mechanization of underground well repairs. p. 43.
Voroshilov, K. A., Taikhberg, I. A. - Using BESh elevators for lowering and lifting operations created by new technology. p. 45.
Moiseev, V. V. - Operation of wells by circulation of fluid. p. 46.
Zhukov, I. S., Minasian, T. S., Ovsiannikov, P. V. - Ways for improving the operation of thermal cracking assemblies. p. 46.

Vol. 35, no. 8(382), Aug. 1956.
Table of contents translated:
Grigor'iants, B. V. - Structural profile of the Pliocene-anthropogenic stage of the Apsheron region. p. 1.
Madatov, E. Kh., Kasumova, G. K. - Mineral composition of clays of the Kala series. p. 4.
Shorstnev, N. M. - Studying causes of well cave-ins. p. 6.
Lantsevitskaia, S. A., IAishnikova, E. A. - Cements with an initial setting of 2-6 hours. p. 9.
Shakhmaliev, G. M., Khaime, F. G. - Brake shoes developed by the Azerbaijan Petroleum Research Institute for the Exploitation of Petroleum. p. 11.
Gel'zin, L. M. - Organization of drill casing maintenance. p. 12.
Magerramova, A. - In the technological council of the Ministry of the Petroleum Industry of the Azerbaijan S. S. R. p. 14.
Karapetov, K. A., Melikbekov, A. S. - Some problems in the application of hydraulic fracturing of oil sands in Azerbaijanian oil fields. p. 15.
Kadymova, K. S. - Problems of similitudes of gas separators. p. 18.
Ambartsumian, A. P., and others. - Effect of petroleum viscosity on the effectiveness of water flooding. p. 19.
Askerov, M. G., Makushkin, A. G., Popova, N. V. - Discharge pressure in the case of insulating wells against extraneous waters. p. 23.
Ivankov, P. A. - Standardization of the specific electric power consumption in deep well exploitation of petroleum. p. 25.
From practice abroad: A 6886-meter-deep well. p. 29.
Semenido, E. G. - Physicochemical state of lubricating oils used in internal combustion engines. p. 30.
Getsev, V. V. - Dispersion of nitrogen content in heavy fractions of Izberbash petroleum. p. 32.
Sultanov, Z. A., Babaeva, G. I., Popova, O. V. - Using spent acid for cleaning aromatic compounds. p. 34.
Gadzhiev, F. M. - Approximate method for checking the general strength of drilling rigs in connection with the joint action of vertical and horizontal loads. p. 35.
Guseinov, S. B., Guseinov, M. A. - Study of the quality of threaded couplings of 6 5/8" casings and means of increasing their tightness. p. 37.
Gavrilov, N. P. - Simplification and improvement of statistical accounting in oil fields. p. 39.
IArulin, Kh. G., Avilov, S. V. - Using oil-base drilling fluids in sidetracking. p. 41.
Arutiunov, M. S. - Using plywood pipes for petroleum pipelines. p. 43.
Ponomarev, K. K. - Variations of the geometric form of vertical cylindrical tanks. p. 45.

GEOKHIMICHESKIE METODY POISKOV NEFTI I GAZA [GEOCHEMICAL METHODS OF PROSPECTING FOR PETROLEUM AND GAS]. Issued by Nauchno-issledovatel'skii institut geofizicheskikh i geokhimicheskikh metodov razvedki [Scientific Research Institute of Geophysical and Geochemical Methods of Prospecting]. Moscow, no. 2, 1954.
Table of contents translated:
Tabasaranskii, Z. A. - Methods of thorough geological interpretation of petroleum and gas logging diagrams. p. 3.
Levit, A. M. - Origin of hydrogen in gases extracted during water-gas and gas core surveys, and during gas logging. p. 26.
Vainbaum, S. IA., Koprova, N. A. - Luminescence study of the bituminosity of producing horizons in certain areas of the middle Volga Valley. p. 33.
Antonov, P. L. - Diffused permeability of some argilliceous rock. p. 39.
Rozhdestvenskii, V. P. - Adsorption of gases by asbestos. p. 55.
Bokova, E. N. - Formation of gaseous products during the biochemical decomposition of organic matter of ooze, peat, soil, and rocks. p. 59.
Mileshina, A. G., Moskalev, N. P. - Biochemical characteristics of Tertiary and Cretaceous deposits in the Kerch Peninsula. p. 69.
Subbota, M. I. - Conducting gas analysis of cores and luminescence study of bituminosity in swampy areas. p. 79.
Vainbaum, S. IA., Koprova, N. A. - Anomalies of bituminosity in strata of the middle Volga Valley. p. 89.
Florovskaia, V. N. - Development and results of luminescence study of bituminosity for the past ten years. p. 92.
Slavin, P. S. - Study of the oxidation-reduction potential of soils and subsoils for petroleum prospecting purposes. p. 103.
Klubov, V. A. - Identification of natural bitumens on the basis of genetic characteristics. p. 110.
Tageeva, N. V. - Geochemical and geological conditions for petroleum development and pool formation. p. 124.
Geller, E. M. - Conditions for gas and oil entrance into drilling fluid during well drilling. p. 141.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Ministerstva chernoi i tsvetnoi metallurgii SSSR [Ministries of Ferrous and Nonferrous Metallurgy of the U. S. S. R.]. Moscow, no. 8, Aug. 1956.
Table of contents translated:
Troitskii, A. V. - Let us improve ore dressing techniques in every possible way. p. 3.
Visloguzov, V. M. - The All-Union Institute for Research in Mechanical Processing of Economic Minerals should be at the level of existing new tasks. p. 6.
Deminova, O. A., Toporkov, S. D. - Use of complex ferromanganese ores from deposits in the eastern regions of the U. S. S. R. for the production of iron alloys. p. 11.
Evslovich, S. G. - Separation of magnesite and dolomite ores in heavy fluids. p. 14.
Parfenov, A. M. - Present state and prospects for using magnetization roasting of iron ores. p. 17.
Grebnev, S. K. - Magnetization roasting of Kerch deposit ores and the removal of their arsenic content. p. 21.
Malkin, I. M. - Use of the forced caving system in the mines of Leninogorsk Combine. p. 26.
Akhmetshin, F. M. - Upraise mining with the help of a suspended cage. p. 32.
Trupak, N. G. - Special shaft sinking methods used abroad. p. 35.
Begagoon, I. A., Osmolovskii, V. V., Babenko, S. F. Some aspects of technical progress in mining machine building. p. 43.
Gelor, V. G. - Trends in the improvement of pumps for fixed mine drainage installations. p. 48.
Gulovskii, V. G., Shkol'nikova, R. Sh. - Testing dust collector installations used in horizontal nonwash boring. p. 54.
Analysis of traumas occurring in Czech mines. p. 56.
Balobolkin, A. N., Shestakov, V. A. - Work practices of A. F. Filippov's and I. L. Khudoliev's brigades. p. 57.
Petrenko, G. G. - New method of replacing hoisting devices. p. 60.
Conference on problems of increasing labor productivity. p. 60.
Lenskii, M. A., Bykova, T. D. - Review of the book "Methods of cost analysis in the mining industry" by M. IA. Savarovskii. p. 61.
Books and articles on mining. p. 63.
Tilov, V. D. - Plans for the introduction of new machinery and technical equipment in mines; letter to the editors. p. 64.

No. 9, Sep. 1956.
Table of contents translated:
Kravtsov, D. S. - Persistent increase of labor productivity in nonferrous metal mines. p. 3.
Shitov, I. S., Antonov, N. G., Tikhovodov, A. F. - Potentialities for increasing labor productivity in the Magnitogorsk mine. p. 8.
Kostin, N. P., and others. - Drift mining at a speed of 302 meters per month. p. 12.
Kadyrbaev, R. A., Linnik, G. F., Portnov, A. A. - Progressive mining practices in the Dzerzhinskii mines. p. 16.
Zhuravlev, S. P. - Opening and development of new levels in the Krivoy Rog iron ore mining basin. p. 19.
Rzhevskii, V. V. - Yearly planning and scheduling the volume of strip mining operations. p. 23.
Alborov, Z. B. - Technical and economic indexes of cutter-bit boring in the Sokol'nyi mine. p. 32.
Lur'e, A. I. - Blasting of charges without failure and without doubling the wiring. p. 35.
Bovin, G. M., Makridin, I. P. - Shortcomings in the excavator repair system. p. 39.
Veselov, A. I. - Drainage of deep mines and the design of high pressure and efficient centrifugal pumps. p. 42.
Raskin, I. A. - Ways to improve the fans used in main ventilation systems. p. 47.
Nesterenko, G. T. - Sonometric technique for locating borings near mine drifts. p. 49.
Gusev, N. A. - New geodetic instruments used in mine surveying. p. 51.
Komarevskii, V. T. - A. F. Sukhanov's new theory on the crumbling of rock. p. 58.
Borisov, S. S. - A. F. Sukhanov's article. p. 59.
Shpital'nikov, A. G., Baronenkov, A. V. - "Economic aspects of mining industries in the U. S. S. R." by S. IA. Rachkovskii. p. 60.
Books and articles on mining. p. 63.

ISSLEDOVANIE SPLAVOV TSVETNYKH METALLOV [STUDIES ON ALLOYS OF NONFERROUS METALS]. Issued by Institut metallurgii Akademii nauk SSSR [Institute of Metallurgy of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, 1955.
Table of contents translated:
Gudtsov, N. T. - Preface. p. 5.
Turkin, V. D. - Life, scientific and pedagogical work of A. M. Bochvar, honored scientist and technologist. p. 7.
Drits, M. E. - Professor A. M. Bochvar's studies in the field of white antifriction alloys. p. 12.
Smiriagin, A. P. - Professor A. M. Bochvar's role in the creation of modern copper base alloys. p. 18.
Voronov, S. M. - Professor A. M. Bochvar's research in the field of light alloys. p. 20.
Zakharov, M. V. - Principal constitution and heat resistance diagrams of metal systems. p. 25.
Il'in, A. I. - Increasing wear resistance and fatigue strength in some antifriction alloys. p. 42.
Korol'kov, A. M., Kadaner, E. S. - Anomalous cases of linear shrinkage of alloys resulting from changes of their composition. p. 54.
Smiriagin, A. P., Vysotskaia, V. N., Kvurt, O. S. - Research on antifriction alloys for use at high specific pressures and for shock loads. p. 59.
Bochvar, A. M., Blokhina, V. A. - Structure and properties of cadmium base bearing alloys. p. 66.
Drits, M. E., Dokukina, N. V. - Problem of creep in bearing alloys. p. 71.
Drits, M. E. - Aluminum bearing alloys. p. 81.
Bushe, N. A. - Effect of the chemical composition of calcium containing babbitt on the useful properties of railroad car bearings. p. 86.
Turkin, V. D., Bakhvalova, R. G. - Investigation of the equilibrium diagram of the system copper-aluminum-iron. p. 98.
Turkin, V. D., Chernova, T. S. - Investigating alloys of the copper-aluminum-manganese system. p. 106.
Zakharov, M. V., Kalinina, T. V. - Effect of various addition agents on the protection of copper from oxidation at high temperatures. p. 111.
Mal'tsev, M. V., Stepanova, M. V., Dubrovina, T. I. - Effect of lead and antimony on the properties of α- brass (type L-68). p. 117.
Zakharova, M. I., Kuznetsova, E. S. - Effect of small admixtures on eutectoid dissociation in alloys. p. 120.
Zakharova, M. I., Glebova, V. I. - Investigating the effect of pressure on eutectoid dissociation in copper-tin alloys. p. 123.
Chistiakov, IU. D. - Laboratory machine for semicontinuous ingot casting. p. 126.
Mal'tsev, M. V., Teplinskaia, V. M., Stepanova, M. V. - Investigating the effect of bismuth and lead on the properties of copper and α- brass. p. 130.

LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Ministerstvo avtomobil'nogo, traktornogo i sel'skokhoziaistvennogo mashinostroeniia SSSR and Vsesoiuznoe nauchnoe inzhenerno-tekhnicheskoe obshchestvo liteishchikov [Ministry of Automobile, Tractor and Agricultural Machine Building of the U. S. S. R. and All-Union Scientific Engineering Society of Foundirymen]. Moscow, no. 8, Aug. 1956.
Table of contents translated:
Kiselev, A. V. - Casting of special steel cylinders. p. 1.
Fuklev, V. A. - Using removable tuyeres for feeding oxygen to the forehearth. p. 4.
Khachaturov, V. M. - Casting high-pressure cylinders. p. 5.
Popov, A. D. - Continuous casting of pipes. p. 7.
Romanovskii, N. T., Chernushevich, V. A. - New Chevrolet foundry in Tonawanda, U. S. A. p. 8.
Taruntaev, V. E. - Pneumatic transportation of used core sand. p. 15.
Zaslavskii, M. L. - Mechanization and automatization of industrial processes in founding under pressure. p. 15.
Rotenberg, M. I., Soldatenko, V. I. - Semiautomatic machine for manufacturing shell cores. p. 19.
Zubarev, V. F. - Effect of stresses on the formation of graphitization centers in annealing white iron. p. 21.
Gullaev, B. B., and others. - Investigating impurities in castings by means of radioactive isotopes. p. 25.
Proslanik, G. V. - Avoiding rejects in casting ZIS-120 cylinder heads. p. 28.
Nasankin, A. F. - Chill casting of large size OF10-1 bronze bushings. p. 29.
Savvin, E. A. - Improving the founding of bearing caps. p. 30.
Zaslavskii, M. L. - Optimum design of cotter pins in dies for casting under pressure. p. 31.
Doino, D. S. - D. M. Krymskii's article "Centrifugal casting of cylinder sleeves." p. 31.

Rozentsveig, V.S. - Smelting carbon steel in acid electric furnaces by the silica reduction process with grog slags. p. 32.
Blank, E.M. - Letter to the editor. p. 32.
Fundator, V.I. - Letter to the editor. p. 3 of cover.

MASTER UGLIA [MASTER OF COAL]. Issued by Ministerstvo ugol'noi promyshlennosti SSSR [Ministry of the Coal Industry of the U.S.S.R.]. Moscow, vol. 5, no. 9, Sep. 1956.
Table of contents translated:
A miner keeps his promise. p. 1.
Lindenau, N. - Strip mining in the Kuznetsk Basin. p. 3.
Sharav'ev, I., Filatov, V. - Labor protection in mines. p. 6.
Kostiuk, N. - Fuller utilization of cutter-loader potentialities. p. 7.
Braslavskii, L., Mendel'son, D. - Intermittent work week at the mines of the Chelyabinsk-coal Combine. p. 8.
Shchegel'skaia, N. - Introduce without fear the system of complete roof caving. p. 9.
Sukhachev, D. - Nine hundred and two meters of drift-age in one month. p. 10.
Diadyk, V. - Young miners' achievements. p. 12.
Bravinskii, G. - In complex hydrogeological conditions. p. 13.
Katanov, B. - Boreholes of large diameter. p. 14.
Lidina, K. - Filling up the ranks by the young. p. 16.
Minakov, A., IAkovlev, M. - Results of mass training of miners in allied professions. p. 16.
Panasenko, N. - Machine for debarking timbering. p. 19.
Luk'ianenko, I., Sizov, V. - Contribution by efficiency workers of the Leninsk mine. p. 20.
Vladimirov, D. - Apparatus for dry dust collection. p. 22.
Liubenko, G., El'kin, I., Tomaev, G. - Automatic feeder designed by T. Klimenko. p. 23.
Zverev, M., Kalafatov, P. - Narrow-range loading units. p. 24.
Butakov, P. - More attention to boiler installations in mines. p. 26.
Zubakov, I. - One should look forward. p. 26.
Physical education and sport. p. 26.
In the Coal Basins of the country:
Mikhail Tarasov's valuable initiative. p. 27.
Business accounting in a section. p. 27.
New machinery for mine building. p. 28.
The Kirovets cutter-loader. p. 28.
Development of underground coal gasification. p. 29.
Dust filtering respirator. p. 29.
Ultraviolet-ray clinic in mines. p. 29.
The tour of a workers' theater. p. 29.
Self-trained sculptor. p. 29.
Collector of paintings. p. 29.
In the miners' park. p. 29.
Young Donets Basin city. p. 29.
Teacher and composer. p. 30.
Fruit garden of a miner, follower of Michurin. p. 30.
L'vov, I. - Shortcomings of a book. p. 31.
Abramov, V. - Hasty conclusions. p. 31.
In hours of leisure. p. 32.

METALLOVEDENIE I OBRABOTKA METALLOV [METALS AND TREATMENT OF METALS]. Organ of Ministerstvo tiazhelogo mashinostroeniia and TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia [Ministry of Heavy Machine Building and the Central Scientific Research Institute of Technology and Machine Building]. Moscow, no. 8, Aug. 1956.
Table of contents translated:
Riabchenkov, A.V., Nikiforova, V.M. - Mechanics of corrosion cracking of austenitic steels. p. 2.
Blanter, M.E., Gol'denberg, A.A. - Hardenability and the distribution of hardness in the cross section of tempered steel specimens. p. 12.
Aleksandrov, B.I., Shishkova, A.P. - Effect of various types of treatment on the fatigue strength of E1434 steel. p. 20.
Tolstoguzov, N.V. - Mechanical characteristics of temper brittleness. p. 26.
Pogodin-Alekseev, G.I., Fattsova, M.M. - Effect of heat treatment on the blue brittleness of structural steel. p. 31.
Altykis, A.V., Shofman, L.A. - Effect of peening on the drawing of sheet metal. p. 37.
Getsov, L.B. - "Naphthalene-like" (intercrystalline) fracture of high-speed steel. p. 42.
Mekhed, G.N. - Investigating the deformability of commercial cast iron. p. 43.
Creep and endurance limit. p. 46.
Slomianskaia, F.B. - "Effect of corrosive media on the strength of steel" (Sbornik trudov TSNIITMASH, no. 77). p. 67.
New books. p. 59.
From pages of foreign journals. p. 60.
Conference of readers of the journal "Metallovedenie i obrabotka metallov" at the V.M. Molotov Automobile Plant in Gorkiy. p. 63.

METALLURG [METALLURGIST]. Issued by Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.
Table of contents translated:
Leikin, I.M. - Properties and use of low-alloy steels. p. 1.
Lur'e, L.A., Ravich, B.M. - Producing iron-coke briquets made of Far-Eastern ores and coals. p. 4.
Storozhik, D.A. - Replacement of rapidly wearing skip hoist parts. p. 6.
Sholekelin, A.V., Karpushinskii, N.S. - Hydraulic method of dust removal from multicyclone hoppers. p. 9.
Syrovatko, V.M. - Accuracy of proportioning and well-timed delivery of the charge. p. 10.
Progressive work practices of furnace attendants in repairing the jacket and cinder notch. p. 11.
Speranskii, V.G. - Experience in the vacuum processing of metals. p. 12.
Kuznetsov, D.I. - Maintenance of steel tapping and slag holes in open-hearth furnaces. p. 16.
Borodulin, A.I., Mikhailets, N.S. - Kuznetsk steel smelters are lowering the consumption of ferro-alloys. p. 20.
Solov'ev, A.I. - Grooving and rolling fishplates covering the joints on R-43 rails. p. 22.
Mednikov, IU.A. - Efforts to avoid rejects in the production of welded pipes. p. 23.
Stefanov, V.E., Boldyrev, L.I. - Improving the fittings of large section and rail rolling mills. p. 26.
Shalaev, V.V. - Using reinforced concrete blocks for the construction of blooming mill soaking pits. p. 29.
Madzhar, P.I. - Work method of V.I. Kravets, senior universal mill operator. p. 30.
Krasinskii, I.M. - Hydroblast cleaning of molds at the Magnitogorsk Metallurgical Combine. p. 31.
Sukhman, L.IA. - Sprayer for the mechanical lubrication of molds. p. 32.
Frank discussion; brief review of letters from the readers of this journal. p. 33.
Conference on the use of oxygen in open-hearth furnaces. p. 34.
Conference on the results of using waste heat boilers at open-hearth furnaces. p. 35.
Intercollegiate scientific conference on the use of oxygen in metallurgy. p. 35.
Afanas'ev, S.G. - Metallurgy in Belgium, Luxembourg and France. p. 36.

No. 9, Sep. 1956.
Table of contents translated:
Sazanov, B.V. - Using excess-pressure blast-furnace gas in gas turbines. p. 1.
Moshkevich, I.E. - Scheduling and planning equipment repairing operations in metallurgical plants. p. 3.
Riabchii, M.E., and others. - Steps to improve the quality of sinter. p. 7.
Furnace attendants' work practices:
Tiufiakov, A.M. - Clarity in work organization is a guarantee of success. p. 10.
Gadiuchka, P.S. - Carrying out all blast-furnace operations in a good and speedy manner. p. 11.
Pis'mennikov, V.E. - Major overhaul of an open-hearth furnace in 168 hours. p. 12.
Mechanizing slag removal from slag pockets in open-hearth furnaces. p. 14.
Popov, B.N. - Pouring steel with electric arc heating of the riser head. p. 16.
Alferov, K.S., Kulikov, V.O., Kovaleva, T.G. - Using fluxes to thin the slag in molds in the process of pouring rimmed steel. p. 22.
In a few words. p. 24.
Ofengendon, A.M., Samotesov, N.V. - Interfactory institute for the improvement of technological and quality control of the production. p. 24.
Shurupov, A.K. - Manufacture of ribbed pipes. p. 26.
Babushkin, A.A., Pal'chikov, O.A. - Butt welding of wire in patenting furnaces. p. 29.
Mechanizing the marking of hot metal:
Bolinev, I.A. - Marking of quality and high-quality steels. p. 30.
Riabokon', N.K. - Machines for marking metal at the Novotagilka metallurgical plant. p. 31.
Khitryi, N.S. - Progressive work practices of the punch die operator N.V. Vilonov. p. 33.
Shparber, L.IA. - Remote control of gas sampling along the radius of the shaft top. p. 35.
Khotsenskii, S.D., Puzatov, K.K. - Mechanized breaking-off of ladle linings. p. 37.
Soliar, I.P., Titenskii, I.L. - Throttle valves of improved design. p. 38.
Kekelidze, M.A., and others. - Using Chiatura oxidized manganese ores open-hearth pig iron burden. p. 39.

MOSCOW. MOSKOVSKII NEFTIANOI INSTITUT. Trudy [MOSCOW PETROLEUM INSTITUTE. Transactions]. No. 16, 1956. Voprosy burenila skvazhin i dobychi nefti [Problems of oil well drilling and production].
Table of contents translated:
From the editorial staff. p. 4.
IAblonskii, V.S. - Life and work of Leonid Samuilovich Leibenzon. p. 6.
Charnyi, I.A. - Survey of academician L.S. Leibenzon's works in the field of petroleum engineering and hydromechanics. p. 9.
Andriasov, R.S. - L.S. Leibenzon, the creator of the material balance equation. p. 14.
Shakhovkin, V.M. - Spatial diagram of a porous medium. p. 23.
Kusakov, M.M., Kosheleva, I.M. - Measuring surface tension of petroleum at an oil-water boundary. p. 32.
Kusakov, M.M., Mekenitskaia, L.I. - Thickness of thin layers of connate water. p. 39.
Andriasov, R.S. - Determining the average reservoir pressure. p. 50.
Guseln-Zade, M.A. - Generalization of a problem on the permeability of reservoir roofs and floors for the special case of fluid motion in the reservoir. p. 70.
Mironenko, V.T. - Estimating the output of wells arranged in a straight-line series. p. 82.
Buzinov, S.N. - Pressure restoration in uncompleted wells containing a sand plug. p. 96.
Orlov, V.S., Charnyi, I.A. - Determining parameters of a reservoir and wells by means of an isobaric map. p. 113.
Taran, V.D., Skugorova, L.P. - Strengthening mounts of drill bits by case hardening with boron. p. 125.
Taran, V.D., Skugorova, L.P. - Determining operating characteristics of drill bit pin mounts in models. p. 135.
Kolpakov, L.G. - Determining characteristics of turbine cascades of turbodrills. p. 148.
Kershenbaum, IA.M., Dubinin, V.M. - Self-propelled hydraulic drive boring machine for exploratory drilling. p. 168.
Kershenbaum, IA.M. - Flexible chain cable of a deep well pump. p. 176.
Zaitsev, V.I. - Valve knocking in piston pumps. p. 183.
Panchenkov, G.M. - Characteristics of active centers of aluminum silicate catalysts and the kinetics of catalytic cracking of hydrocarbons. p. 195.

No. 17, 1956. Voprosy transporta, khraneniia nefti i mashinostroeniia [Problems of petroleum transportation and storage, and machine building].
Table of contents translated:
IAblonskii, V.S. - Analysis of some problems of pumping preheated viscous fluids through pipelines. p. 3.
IAblonskii, V.S. - Study of laminar flow of fluid in a round pipe. p. 43.
Chernikin, V.I. - Study of the movement of hot viscous petroleum through pipelines. p. 53.
Chernikin, V.I. - Optimum pumping conditions and the preheating temperature of petroleum before pumping. p. 71.
Chernikin, V.I. - Studying some methods for increasing the delivery of "hot" petroleum products. p. 82.
Chernikin, V.I. - Displacement of petroleums in pipelines. p. 93.
Chernikin, V.I. - Pumping petroleum and water in pipelines at the same time. p. 101.
Isaev, I.A. - Experimental determination of hydraulic resistance factors in straight petroleum pipelines and in fittings. p. 112.
Charnyi, I.A., Chernikin, V.I. - Thermal conditions of a gas space in a gasoline storage tank. p. 169.
Briukov, V.I., Salomonovich, E.D. - Three-component instrument for measuring cutting forces. p. 179.
Salomonovich, E.D. - Surface smoothness of parts machined at cutting speeds up to 2000 meters per minute. p. 184.
Markhasin, E.L., Briukov, V.I. - Cutting lock threads. p. 197.
Gritsaenko, IU.A. - Shrinkage of cuttings. p. 207.
Gritsaenko, IU.A. - Theory of the wear of metal-cutting tools with hard-alloy tips. p. 221.
Krylov, K.A., Lesin, A.S. - Milling machine for eliminating defective welds. p. 238.
Markhasin, E.L., Petrosianis, A.A. - Circular milling of leg pins for cone bits. p. 243.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Gornoe delo [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Mining Industry]. Nos. 27, 29, 32, 35-36, July-Sep. 1956.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Petroleum Industry]. Nos. 27-28, 30, 34-35, July-Sep. 1956.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Ministerstvo neftianoi promyshlennosti SSSR [Ministry of the Petroleum Industry of the U.S.S.R.]. Moscow, vol. 1, no. 4, Apr. 1956.
Table of contents translated:
Tasks of the petroleum refining industry for 1956-1960. p. 1.
Goncharenko, V.G., Bakhman, V.I. - Regeneration of truck and tractor oils. p. 3.
Stoliarova, A.F. - Leaching out kerosine in a pressure-vacuum distillation apparatus. p. 4.
Kuprianov, I.D., Tulupov, IU.M. - Potentialities of turbodrilling. p. 6.
Daneliants, S.M. - Double square grief stem represents a double economy in time. p. 8.
Khakimov, M. - Fishing operations. p. 10.
Avdeev, B.S. - Our method in combating catastrophic loss of drilling fluid. p. 10.
Sukurenko, E.I. - Turbodrilling in heavy drilling fluids. p. 12.
Mukhametshin, Sh.M. - Operation of submersible electric-driven pumps. p. 14.
Puzov, S.A. - Peripheral flooding and its economic

effect. p.19.
Airapetiants, E.P. - Methods of increasing petroleum production. p.21.
Varlamov, V.P. - Wireless tachometer used in turbodrilling. p.23.
Tkachenko, A.P. - Automatic control in petroleum production. p.25.
Sultanov, S.A. - Practical application of radiation logging in wells to determine the oil-water contact. p.29.
Kostrin, K.V. - Device for removing "stagnant residues" from tanks. p.31.
Cherniaev, G.I. - Petroleum workers' settlement in the Zol'noye gully. p.33.
Siatkina, E.F. - Winter tournament of athletes of the "Neftianik" Volunteer Sport Society. p.34.
New books. p.35.

NEFTIANOI KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Ministerstvo neftianoi promyshlennosti [Ministry of the Petroleum Industry]. Moscow, vol. 34, no. 7, July 1956.

Table of contents translated:
Azarov, T.M. - Utilize all possibilities to increase petroleum production. p.1.
Malevanskii, V.D. - Testing is an important method for reducing completion time in drilling exploratory wells. p.6.
Paus, K.F. - Control of well deflection in turbine drilling. p.10.
Galvoronskii, A.A, Shaiderov, B.M. - Classification of absorption zones. p.15.
Bylim, B.F. - Decreasing metal cost in manufacturing bit units. p.18.
Dinkevich, S.Z. - Effectiveness of hydraulic fracturing of sands. p.19.
Gitlin, Z.TS. - Data on hydraulic fracturing of sands in the Tatar A.S.S.R. p.26.
Ovanesov, G.P. - Exploitation of reef pools. p.30.
Ashirov, K.B. - Presence of disjunctive dislocations in one of the structures of the Zhiguli Mountains. p.34.
Ivaniukov, D.V., Bondarenko, B.L, Grachev, D.S. - Increasing the productivity of a pressure and vacuum refining plant by means of radical rearrangement. p.38.
Bakhshiian, TS.A. - Operation of a regenerator of a catalytic cracking installation. p.47.
Frolova, V.K., Fedorova, A.S. - Semiautomatic apparatus for determining crystallization temperatures of motor fuels. p.49.
Konstantinov, N.N., Saraev, V.P., Savenkov, N.I. - Time rates for filling and emptying vertical cylindrical tanks. p.51.
Akhromenkov, A.A. - Using separators for gradual transfer of petroleum and petroleum products through pipelines. p.57.
Arsent'ev, V.A. - Advanced labor methods for underground maintenance. p.62.
Vysotskii, L.V. - World petroleum production and reserves. p.65.
Apresov, S.M. - "Practical handbook on structural geology and geological mapping"; review. p.69.
New books on petroleum. p.71.

Vol. 34, no. 8, Aug. 1956.

Table of contents translated:
Results of the all-Union conference of workers in the petroleum industry. p.1.
Liubimov, B.G. - Possibilities of using small-size turbodrills for borehole investigations of structural geology. p.6.
Zhigach, K.F., and others. - Oil-base drilling fluids for revealing the productive strata and for drilling under complex conditions. p.9.
Eigeles, R.M. - Some regularities in the dynamics of bit teeth penetration into the rock. p.14.
Bakulin, V.G., Reznichenko, I.N. - Hydraulic method of preparing and weighting drilling fluid. p.20.
Anpilogov, A.P. - Determining crevice dimensions in boreholes by means of logging. p.22.
Loginov, B.G., Blazhevich, V.A. - Factors determining the successful ejection of sand in fissures in the case of hydraulic fracturing of oil sands. p.24.
Mal'tsev, G.I. - Conducting hydraulic fracturing operations in frequently alternating clay and sand strata. p.28.
Salekhov, G.S., Sidorenko, V.S., Chugunov, V.D. - Problem of directing the movement of the water-oil boundary. p.30.
Ovnatanov, G.T. - Selective perforation. p.36.
From the editorial staff of "Neftianoe khoziaistvo" concerning the discussion of M.V.Makrtchian's article "Problems of systematic exploitation of oil fields" published in no. 2, 1955. p.41.
Appeal to participants of the geological conference. p.43.
Nikonov, V.F. - Some evidence of petroleum-bearing potential of the West Siberian Lowland. p.44.
IAsenev, B.P. - Geochemical methods of prospecting for petroleum and gas. p.49.
Starobinets, I.S. - Role of the oxidation factor in the formation of main petroleum types of the Balkhan region in western Turkmenia. p.54.
Maksimov, S.P., Shamburov, V.A., Pankina, R.G. - Methods of studying the luminescence of petroleum and bitumen by means of the comparative microscope-spectrophotometer. p.58.
Vladimirov, B.V. - GST-2 gas analyzer for determining gas composition while conducting gas logging. p.61.
Antonov, K.V., and others. - "Oil-bearing strata of the Emba region and the origin of oil pools." p.65.
Borisov, N.N. - Efficient plan for pumping petroleum products through main pipelines. p.66.
Smotrakov, A.M. - Vacuum apparatus for cleaning tanks. p.68.
New books on petroleum. p.72.

Vol. 33 [i.e.34], no. 9, Sep. 1956.

Table of contents translated:
Stukalov, M.I. - Potentials for increasing labor productivity in oil production. p.1.
Umanskii, M.M. - Methods for determining the economic effectiveness of secondary methods of oil recovery. p.4.
Zalkin, S.L., Tomashpol'skii, L.M. - Economic effectiveness of two-column group drilling. p.8.
Mikhailov, V., Babalian, N., Elgenson, A. - Base construction of drill casing. p.15.
IAsov, V.G. - Rheological parameters of weighted drilling fluids. p.18.
Gukasov, N.A., Pirverdian, A.M. - Approximate formula for determining the hydrostatic pressure of a well. p.20.
Vuets, M.P. - Conducting hydraulic fracturing in the Goragorskiy oil field. p.22.
Amelin, I.D. - Study of water flooding of wells by means of restoring hydrostatic pressure. p.24.
Geiman, M.A., Fridman, R.A. - Effect of structural and mechanical properties of expelled oil on the residual-oil saturation. p.29.
Liutkevich, E.M., Neruchev, S.G. - Petroleum-bearing possibilities of the Yakut A.S.S.R. p.35.
Bespalov, D.F., Grumbkov, A.P. - New radiation logging apparatus. p.39.
Kozlov, V.P., Tokarev, L.V. - Genetic classification of caustobiolites. p.44.
Bashilov, A.A. - Effective use of heat in oil refineries. p.48.
Nevrov, N.I. - Overall planning of oil refineries. p.52.
IAblonskii, V.S., IUfin, V.A. - Use of radioactive isotopes for controlling step-by-step pumping of petroleum products through pipelines. p.56.
Elshin, K.V. - Determining the true temperature of petroleum products in tanks. p.61.
Miller, A.F. - Fight for preeminence in competition. p.65.
Bakulin, V.G. - New successes of foreman Romanchenko's drilling crew. p.67.
Shimchishin, E.F. - Industrial training in well drilling. p.69.
In the Technological Council of the Ministry of the Petroleum Industry of the U.S.S.R. p.70.

OGNEUPORY [REFRACTORIES]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.] Moscow, vol. 21, no. 5, 1956.

Table of contents translated:
Kainarskii, I.S., Shcheglova, M.D. - Strength modifications in dinas bricks subjected to heating up to 1600°. p.193.
TSigler, V.D., and others. - Ways to reduce rejects in standard dinas bricks burned by the gas-chamber kiln process. p.202.
Pitskhelauri, I.A. - Chemical and mineralogical changes in refractories used in the regenerators of basic open-hearth furnaces. p.207.
Nazarenko, M.F., Sviridenko, V.A. - Effect of additives on the rigidity of mullite. p.211.
Koler, E.K., Bluvshtein, M.N. - Forsion method for the study of elastic deformations in chromemagnesite refractories at room and high temperatures. p.217.
Veselova, Z.I., Nevredimova, P.V. - Correlation between the elasticity modulus determined by the sound method and certain other properties of refractory materials. p.221.
Belobrov, K.V. - Feasibility of using magnesite neckless steel-pouring nozzles. p.227.
Lisovskii, D.V., Naumov, N.V. - Pressing crown magnesite bricks with blind holes. p.229.
Alimov, A.P. - Mechanized unloading of burned dolomite from cupola furnaces. p.230.
Rybnikov, V.A. - Using alumina hydrate for the production of highly aluminous refractories. p.233.
Kvitchenko, I.P. - Manufacture of highly aluminous products from native, highly aluminous raw materials in the Chinese People's Republic. p.234.
Production data on the refractory industry of the United States from 1948 to 1953. p.236.
Glebov, S.V. - Abstracts. p.237.

PROBLEMY SOVREMENNOI METALLURGII; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF CONTEMPORARY METALLURGY; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 5, no. 5(29), 1956.

REFERATIVNYI ZHURNAL: METALLURGHIA [JOURNAL OF ABSTRACTS: METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Contents:
[Abstracts] Referaty 8299-9010. 172 p.

STAL' [STEEL]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 16, no. 8, Aug. 1956.

Table of contents translated:
Loginov, V.I., and others. - Blow-in of pulverized coal fuel to hearths of blast furnaces. p.675.
Chernokh, S. - Design of blast furnaces with thin-walled stacks. p.682.
Kloreako, B.V., and others. - Automatization of open-hearth furnaces at the Zaporozhstal' Plant. p.689.
Marakhovskii, I.S., Mazov, V.F. - Production of rimmed steel with addition of ferromanganese in the ladle. p.697.
Samarin, A.M., and others. - Vacuum treatment of molten metal. p.700.
Kuchko, I.I., Serkin, M.G., Rapoport, I.B. - Production of new types of streetcar rails. p.708.
Sazonenko, V.P., Ostapenko, V.V. - Efficient grooving on the 330 rolling mill. p.716.
Teterin, P.K., Danilov, F.A., Trifonov, E.S. - Variations in pipe walls rolled on a three-high mill. p.721.
Mes'kin, V.S. - Mechanics of flake formation in steel. p.727.
Loshkarev, V.F. - Mechanics of flake occurrence. p.734.
Naprasnikov, A.I. - Complete utilization of potentialities available in blast plants. p.736.
Popov, G.I. - Ways of lowering costs of repairing open-hearth furnaces. p.740.
Response to S.E. Khanin's article "Fatigue process in metals." p.741.
Tafel's rule on the "arithmetical mean." p.742.
Tafel's law of "natural lengths." p.742.
Research carried on at the Kuznetsk Metallurgical Combine. p.744.
Research carried on at the "Azovstal'" Plant. p.746.
Research carried on at the Dzerzhinskii Plant. p.749.
Research carried on at the Zlatoust Metallurgical Plant. p.751.
Installation for producing protective atmospheres by burning hydrogen. p.755.
Maksim Vlasovich Lugovtsov; an obituary. p.756.
Blast furnace design in West Germany. p.757.
Large-diameter gas and oil pipes made by resistance fusion welding. p.761.
Review of A.N.Morozov's and A.I.Stroganov's book "Deoxidation of open-hearth steel." p.764.
On N.N.Dobrokhotov's and B.K.Khan's review of A.N.Morozov's and A.I.Stroganov's book "Deoxidation of open-hearth steel." p.766.
Annotations. p.767.

STROITEL'STVO PREDPRIIATII NEFTIANOI PROMYSHLENNOSTI [CONSTRUCTION OF PETROLEUM INDUSTRY ENTERPRISES]. Issued by Ministerstvo stroitel'stva predpriiatii neftianoi promyshlennosti [Ministry for the Construction of Petroleum Industry Enterprises]. Moscow, vol. 1, no. 7, Sep. 1956.

Table of contents translated:
Editorial. p.1.
Lessig, E.N., Ashkinazi, M.I. - Vertical cylindrical tanks with spherocylindrical roofs. p.3.
Popovskii, B.V. - Vacuum method for testing welded joints of tanks. p.6.
Ruchimskii, M.N. - Permissible pipeline spans in connection with above-ground laying. p.8.
Trusov, L.P. - Standard plans of wells and chambers in petroleum lines, water lines, and water supply systems. p.12.
Mazel', A.G., Sluchanko, N.A. - Technology of automatic lap-welding with flux of 2,5-6mm. thick sheets. p.14.
Minkov, M.K. - Warming reinforced concrete construction with electric heaters during winter concreting. p.17.
Fel'dshtein, L.M. - Rapid assembly of cracking installation. p.19.
Genkin, G.L. - Moscow exhibition of new building technology, 1956. p.24.
Kamershtein, A.G., Ivanova, K.E. - All-Union conference of pipe industry workers. p.26.
Sdobnov, M.Z. - New techniques for outdoor pipeline installation. p.27.
Reinforced concrete 94-meter-high cooling tower. p.29.
Machine for padding ditches with fine dirt. p.30.
New books. p.31.

TORFIANAIA PROMYSHLENNOST' [PEAT INDUSTRY]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 33, no. 6, 1956.

Table of contents translated:
Editorial: Prepare in an exemplary manner for the winter transportation of peat. p.1.
Krasikov, I.P., Lipiagov, K.V. - Improve the organization of peat transportation. p.4.
Druzhinin, N.N. - Lower the cost of milled peat. p.8.
Olenin, A.S. - Peat resources of Western Siberia and the outlook for utilizing them. p.10.
Ivanov, V.D. - Bunker-type cable pickup. p.12.
Nikonov, M.N. - Acidity of peat. p.14.
Fradkin, S.D. - Laying out excavation raw peat in undulated strips. p.18.

Zav'ialov, K.I. - High-efficiency caterpillar tractor. p. 20.
Tishchenko, A.T. - Improving the system of peat gasification in power installations. p. 23.
D'iachkov, G.S. - Microgravimetric method for determining the degree of peat decomposition. p. 26.
Belokopytov, I.E., Beresnevich, V.V. - A grinder of the State Peat Inspection Commission for reducing peat samples. p. 29.
Raevskii, S.P., Zenkov, M.V. - Drainage of peat deposits fed by ground water under pressure. p. 32.
Machinery for winning block peat in Germany. p. 34.
Mechanized drying and harvesting of block peat in Germany. p. 35.
Exchange of experience. p. 36.
Brief news. p. 38.
Results of all-Union socialist competition in the peat industry under the Ministry of Electric Power Stations during May 1956. p. 40.

TSVETNYE METALLY [NONFERROUS METALS]. Organ of Ministerstvo tsvetnoi metallurgii SSSR [Ministry of Nonferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 29, no. 7, July 1956.

Table of contents translated:

Modernization of equipment and intensification of its use are tasks of utmost importance. p. 1.
Grosman, L.I. - Pilot plant operation in one of the enterprises of nonferrous metallurgy. p. 3.
Sakharuk, P.A., and others. - Using radioisotopes to investigate the dephosphorization process of pyrochloric concentrates. p. 7.
Bibina, I.A., and others. - Speeding up the bessemer process of converting copper matte by oxygen-enriched air. p. 10.
Zubarev, V.I. - Ways to improve the performance of basic metallurgic equipment in copper smelting plants. p. 10.
Smirnikov, A.P. - Potentialities for increasing the production of zinc during the sixth five-year plan. p. 22.
Okunev, A.I. - Some problems in the theory of fuming zinc-containing slags. p. 29.
Urazov, G.G., Lifshits, B.M., Lovchikov, V.S. - Solubility of zinc oxide in an aqueous solution of caustic soda. p. 37.
Petrov, I.K. - Automatic regulation of heat conditions in tubular furnaces for zinc sublimation from zinc production cakes. p. 42.
Burovoi, I.A., Bernshtein, I.M. - Continuous automatic batching of moist concentrates. p. 47.
Karapetian, S.K., Skibin, A.P. - High-tension electric smelting of nickel ore sulfides. p. 53.
Romaniuk, A.I. - Interpolar gap values as factors in increasing output per current capacity. p. 56.
Bazilevskii, V.M., and others. - Utilization of slags in secondary aluminum plants. p. 59.
Mal'tsev, M.V., Teplinskaia, V.M., Stepanova, M.V. - Neutralizing the harmful effect of lead in copper and brasses. p. 66.
Astaulov, V.S., Zheglova, E.I. - Smelting magnesium alloys in commercial-frequency induction furnaces of the crucible-type. p. 73.
Khomchenko, S.A. - Modernization of concentration tables. p. 81.
Rempel', S.I., Samoilov, A.M. - Automatic measurement and regulation of liquid levels by using radioactive tracers. p. 83.
Korozo, V.I. - Wedge contact of the bus bar is the pin of salt-dissolving anodes in aluminum electrolyzers. p. 84.
Second all-technical conference at the Chimkent Lead Plant. p. 86.
Enlarged technical council of the Kol'chugino Ordzhonikidze Plant on problems of progressive practice exchanges. p. 87.
Improving the technology of producing hard alloys. p. 89.
New technical books and articles. p. 91.
N.B. - Simple and rapid physical methods of mineral identification. p. 94.

Vol. 29, no. 8, Aug. 1956.

Table of contents translated:

Kozlov, G.V. - Getting familiarized with the diagram of selective copper-zinc flotation at the Karabash Ore Dressing Plant. p. 1.
Tabakopulo, N.P., Tarasov, IU.A. - Separating pyrite and arsenopyrite by flotation. p. 4.
Lifshits, A.K., Madiev, K.M. - Experimental use of butyl aerofloat SK. p. 10.
Zelikman, A.N., Belinovskaia, L.V., Krein, O.E. - Study of the roasting process of molybdenite concentrates in a boiling fuel bed. p. 14.
Smurnikov, A.P., Ponomarev, V.D. - Oxidation of bivalent iron by copper compounds in zinc hydrometallurgy. p. 22.
Petrov, L.K., and others. - Industrial test smelting of oxidized nickel in oxygen-enriched air blast at the Southern Urals Nickel Combine. p. 33.
TSeidler, A.A. - Slag impoverishment in nickel smelting. p. 36.
Vinogradova, M.A., Spiridonova, V.I. - Metallic zinc cementation of nickel from zinc containing solutions in the presence of various additives. p. 40.
Baladzhan, A.A. - Treatment of zinc containing copper concentrates in converters. p. 45.
Balmakov, A.IU., and others. - Refining tin from admixtures by the method of zonal smelting. p. 51.
Shesternin, P.S. - Treatment of oxidized lead tailings and battery scrap in shaft electric furnaces. p. 59.
Rogel'berg, I.L., Shpichinetskii, E.S. - Chemical composition of "depassivated" nickel anodes. p. 68.
Perlin, I.L. - Orientation significance of coefficients of yield - limit rates of metals being subjected to pressure in hot working. p. 71
Malkin, C.Z. - Automatic sampling device for large-sized ore lumps. p. 73.
Shvarisman, IA.N. - Redesign of multiple hearth roasters with boiling fuel beds. p. 76.
Lysenko, N.S. - Replacement of filtration screens on filter presses by wooden strips. p. 78.
Lysenko, N.S. - Mechanical sampling device. p. 78.
Lysenko, N.S. - Redesign of a half sector vacuum-filter valve. p. 79.
Vasoev, I.A. - Amalgamation of scooped concentrate. p. 79.
Foundry workers' conference. p. 80.
Fourth scientific and technical conference of the Irkutsk Institute of Rare Metals. p. 83.
New technical books and articles. p. 84.
A.L. - Flotation. p. 87.
Naumov, V.A. - Redesign of shaft furnace at a lead plant in Tundoo. p. 92.
Karpukhin, V. - Conveyer belts with flexible rollers. p. 93.
Karpukhin, V. - Valves without packing glands. p. 95.

Vol. 29, no. 9, Sep. 1956.

Table of contents translated:

Automatization of industrial processes in nonferrous metal enterprises. p. 1.
Rachkovskii, S.IA. - Some economic aspects of the nonferrous metallurgy. p. 7.
Idel'son, E.M. - Analysis of butyl aerofloats and their mixtures with xanthogenate. p. 11.
Kinzhalov, P.S. - Screw separators on 210 liter dredges. p. 16.
Smirnov, V.I., IAblonskii, IU.A., Klueva, A.V. - Examination of slags at the Irtysh copper smelting plant. p. 22.
Liapustina, E.M., Baladzhan, A.A., Bulatov, V.D. Producing and processing granulated concentrates at the Kirovgrad copper smelting plant. p. 24.
Lovin, A.I., Kolevatova, V.S. - Mechanics of the action of antimony on the electrodeposition and stripping of cathodic zinc. p. 28.
Klimenko, V.L. - Reasons for difficult stripping of the cathodic deposition of zinc. p. 35.
Lakornik, M.M. - Selecting an efficient diagram for the refining of lead. p. 43.
Lunev, V.E. - Copper conversion in a lead smelting plant. p. 48.
Diev, N.P., and others. - Mechanics of the formation of matte in shaft furnace smelting of oxidized nickel ores. p. 50.
Penzimonzh, I.I. - Ignition of metal sulfides. p. 54.
Kuznetsov, S.I. - Periodic dispersion of aluminum hydroxide in the decomposition process of aluminate solutions. p. 62.
Gusarov, V.I. - Control of the voltage in electrolytic cells. p. 67.
Mizonov, V.M. - Establishing conditions for annealing and deformation of nickel silver strips. p. 71.
TSobkallo, S.O., Balandin, IU.F. - Elasticity limit and elastic aftereffect of pecned L62 brass sheet. p. 74.
Klassen, V.I., Berger, G.S., Mogilevskii, I.A. - Method of increasing the precision of laboratory flotation tests. p. 79.
Conference on the use of ion exchange processes in nonferrous metallurgy. p. 81.
Conference on methods of analyzing hydrogen, nitrogen, oxygen and carbon in titanium and its alloys. p. 84.
Vaintrub, I.A. - Increasing the effectiveness of filtration; letter to the editors. p. 85.
Borodkin, V.I., Skripnik, A.M., Berman, A.IA. - Review of the book "Economic aspects of the nonferrous metallurgy in the U.S.S.R." by S.A. Pervushin and others. p. 86.
New technical publications. p. 88.
Bazilevskii, V.M., Litvalina, S.L. - Treatment of dusts containing zinc, lead, and tin; from foreign publications. p. 92.

UGOL' [COAL]. Organ of Ministerstvo ugol'noi promyshlennosti SSSR [Ministry of the Coal Industry of the U.S.S.R.]. Moscow, vol. 31, no. 8(365), Aug. 1956.

Table of contents translated:

Miner's Day. p. 1.
Vanelka, F. - Importance of the Polish-Soviet scientific and technical conference for further development of the Polish coal mining industry. p. 4.
Subbotin, A.A. - For further increase in coal production. p. 7.
Sukhachev, D.A. - Drift mining 902 linear meters per day with the aid of the PK-2M cutter loader. p. 10.
Koval'chuk, M.S. - High-speed mine workings in the Kuznetsk Basin with the IA.IA. Gumennik's PKG-2 cutter loader. p. 15.
Boliaev, V.S. - Size of the lead for haulage entries in long face mining and the effect this factor has on longwall operations. p. 19.
Malets, A.L. - Nature of the relation between the length of the longwall and a miner's labor productivity. p. 21.
Panov, A.D. - Prospects of coal extraction by knife plane and short-range cutter loaders in the longwall system of mining flat seams. p. 23.
Skochinskii, A.A. - Forcing water into a coal seam as one of the effective ways of controlling dust in mining. p. 31.
Sukhanov, A.F. - Shattering effect of explosives. p. 34.
Smorodinskii, IA.M., Zosimchik, R.T., Bukhgol'ts, V.P. - Protection of electric motors by the use of a totalizer with symmetrical components. p. 38.
Davidiants, V.T. - Readers' response to A.F. Voshenchuk's article "S.E. Rozenberg's book 'Maintenance costs for mines with wooden supports.'" p. 40.
Scientific and technical conference on strip mining of mineral deposits in the Ural Mountains. p. 42.
New books on mining. p. 43.
Foreign books and articles received during the second quarter of 1956. p. 45.



## 17. MILITARY & NAVAL SCIENCES

### a) MILITARY SCIENCE

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 31, no. 6, June 1956.

Table of contents translated:

Toward the Spartakiada. Discussion with N.N. Romanov, chairman of the Committee on Physical Culture and Sports of the Council of Ministers of the U.S.S.R. p. 1.
Bulanov, A. - Atomic power industry in the sixth five-year plan. p. 2.
Ivanskii, A. - Soviet aviation. p. 4.
Forge of regular army officers. Discussion with Major General G.M. Lenevyi, Hero of the Soviet Union and Head of the "Supreme Soviet of the R.S.F.S.R." Military Academy in Moscow. p. 6.
Zmitrenko, V. - Discipline is the soul of the army. p. 8.
Gavrikov, F. - The soldier in defense. p. 10.
Chernyshev, I. - Guided rocket shells in the navy. p. 12.
Chufistkii, V. - Shooting at night. p. 14.
Filippov, L. - High-priority emergency and rescue work at the point of destruction by an atomic blast. p. 15.
Svoren', R. - The DP-1-A roentgenmeter. p. 16.
Rozhneva, Mariia. - Great force. p. 18.
Actively take part in the work of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy! Letter from retired and reserve officers, reserve sergeants, active members of the mass defense work. p. 19.
Ivanov, S. - An instructor conducts a course... p. 20.
Mikhailov, L. - Creative attitude toward work. p. 21.
Chichvarkin, I. - Active members share their work experience. p. 22.
Konoplev, M., Korol'kov, V. - Why are our marksmen losing out? p. 23.
Paniutin, G. - Long-distance relay swimming. p. 24.
Kliukin, V. - Prevent accidents in the water. p. 25.
Krudenkov, K., Preobrazhenskii, A. - What's new on model ship building. p. 26.
Patriots of new Germany. p. 27.
Pozdneev, Aleksandr. - Encounter; a story. p. 28.
Palant, M. - Soldier of the revolution (on the 75th anniversary of G.I. Kotovskii's birth). p. 30.
Goncharenko, M. - Russian pontoniers. p. 30.
Il'ina, T. - People in military work. p. 31.
Military calendar. p. 32.

VOENNYI VESTNIK [MILITARY REVIEW]. Published by Voennoe Izdatel'stvo Voennogo Ministerstva SSSR [Military Publishing House of the Ministry of War of the U.S.S.R.]. Moscow, vol. 36, no. 8, Aug. 1956.

Table of contents translated:

Editorial: Technical training of officers. p. 2.
Batov, P. - Exactingness of commanders. p. 6.
Aleksandrov, A. - Grechikhin, A. - Perfecting skill in the fire control of rifle units on the offensive. p. 14.
Kulinich, V. - Attack in the enemy's depth of defense by a rifle company. p. 22.
Kliucharev, N., Buganov, L. - Group drill with officers at night. p. 27.
Korobeinikov, M. - Training in firing on the move. p. 30.
Mel'nikov, I., Prozorov, V. - Some problems in the field training of cadets. p. 34.
Kurenkov, P., Vasil'ev, V. - Innovators in the military academy. p. 41.
Nekrasov, A. - Rifle company as a reconnaissance detachment. p. 44.
Pitsura, S. - Problems in attacking the main line of resistance. p. 48.
Chirkov, K., Kovalev, A. - Approach march formation of a rifle company on the offensive. p. 52.
Solve these problems. p. 59.
Zaedatelev, I. - Position area survey of a mortar battery on the basis of its fire. p. 61.
Nikiforov, N. - Simplifying the rules for the adjustment of fire from an 82-mm mortar. p. 66.
Iznar, A. - Using infrared rays in military affairs. p. 70.
Operations conditioned by the use of atomic weapons; translated from the French. p. 78.
Andreev, V. - Tactical air command of the United States and its use in combat of combined arms. p. 83.
Efebovskii, L. - Through the Khingan Mountains. p. 90.
Through the pages of military periodicals. p. 93.
Chess. p. 95.

Vol. 36, no. 9, Sep. 1956.

Table of contents translated:

Editorial: Against simplification and conditionalities in tactical training. p. 2.

B 17a - b

Marintsev, P. - Tactical preccurse training. p. 8.
Skopich, V., Vasil'ev, N., Ofitserov, V. - Method of tactical drill with elements of group exercises in training cadets. p. 12.
Vinogradov, A. - Several remarks on the practice of tactical drills. p. 15.
Vasilenok, V., Ignat'ev, A. - Individual military training; advice on organizing and conducting training. p. 17.
Skachok, S. - Equipment maintenance day. p. 25.
Grechikhin, A., Romanets, V., Poliakov, V. - What kind of shooting equipment do we need; discussion of an article by Lieutenant Colonel F.Bondarenko in "Voennyi vestnik" no. 5, 1956. p. 27.
Lovin, V. - Tactical and drill exercises of an antiaircraft machine-gun battery. p. 32.
Tomov, B.N. - Organizing and conducting tactical training. p. 33.
Ionov, G. - Some methods of attack by a rifle company. p. 40.
Golovin, A. - Problems in attacking the enemy's main line of resistance. p. 43.
Belokon', A. - The shape of foxholes. p. 46.
Svetushkov, M. - Fire control of a battery of 82 mm. and 120 mm. mortars on the offensive. p. 48.
TSvetaev, K. - Determining the effective fire of machine guns with dispersion in width. p. 53.
Solve these problems. Solution to problems 1-5, published in issue no. 7 of the magazine. p. 58.
Shkradiuk, I. - Simulated military dosimeters. p. 61.
Totskii, A. - Device for training antiaircraft gunners. p. 66.
Ivanov, I. - Moving mechanisms for shooting ranges. p. 68.
Nikolaev, V. - Use of night vision instruments; review of the foreign military press. p. 72.
Brief military news from abroad. p. 78.
Kutsenko, V. - Transport by railroad. p. 84.
Military uniforms regulations. p. 88.
Poletaev, A. - "Firing heavy machine guns" by N.P. Semikolenov. p. 90.
Through the pages of military periodicals. p. 92.
Chess. p. 95.

## b) NAVAL SCIENCE

MORSKIA ZAPISKI. THE NAVAL RECORDS. Issued by Obshchestvo ofitserov rossiiskago imperatorskago flota v Amerike [Association of Russian Imperial Naval Officers in America, Inc.], New York, N.Y., vol. 14, no. 4(43), Dec. 1956.

MORSKOI FLOT [THE MERCHANT MARINE]. Organ of Ministerstvo morskogo flota SSSR [Ministry of the Maritime Fleet of the U.S.S.R.]. Moscow, vol. 16, no. 8, Aug. 1956.

Table of contents translated:
Editorial: Steadfastly improve the transportation of goods. p. 1.
Vinitskii, N. - Organize ferry transportation on the Caspian Sea. p. 4.
Polevoi, A. - Regulation of work shifts in ports. p. 6.
IAkushenkov, A. - New gyrocompass for the merchant marine. p. 9.
El'port, L. - Compensation and determination of the residual deviation of magnetic compass at the bearing of a remote object. p. 11.
Tver'e, N. - Plotting altitude position lines on paper. p. 13.
Finkel', G. - Practice in protecting hulls from corrosion. p. 14.
Mal'tsev, N. - Design of a tanker with a carrying capacity of 25,000 tons. p. 16.
IAtsenko, V. - Improving the flexibility of the ship's shafting. p. 19.
Ermilov, V. - Testing data on direct-acting steam feed pumps. p. 21.
Teshchuk, A., Kozlovskii, S. - Progressive techniques and the mechanization of hull maintenance and dock - yard repairs (conclusion). p. 23.
Meshera, V. - Problems in the codification of Soviet maritime law. p. 26.
Leiner, F. - Cable drum brake with a loading gear. p. 27.
Mamedov, M. - Photoresistance unit used as a light cutout in navigational equipment. p. 27.
Sushkov, B. - Marine separators for cleaning ballast and bilge water from oil products. p. 28.
Shumeiko, G. - New types of passive reflectors. p. 29.
Pomykanov, N. - Using special electromagnetics in assembling and welding marine structures. p. 31.
Ship stabilizers. p. 31.
Pervukhin, D. - Some remarks on "Regulations on the electrical equipment of seagoing vessels." p. 32.

Vol. 16, no. 9, Sep. 1956.
Table of contents translated:
Editorial: Early completion of the year's transportation plan. p. 1.
Plotnikov, N. - Potentialities in the merchant marine for the sixth five-year plan. p. 4.
Saltovskaia, V., Skorniakov, N. - Why did the ocean seiner perish. p. 9.
Averbakh, N. - Graphic plotting is a reliable method for radar observation of approaching vessels. p. 10.
Zhidiaev, O. - Piercing a ray of light for adjusting shafting. p. 12.
Filonov, M. - Industrial organization and planning. p. 15.
Kholosha, V. - Role of removable 'tween-deck stanchions on two-deck ships. p. 17.
Kamenskii, S., Medovikov, I. - New harbor embankment designs. p. 18.
Chekholuz'ian, A. - Peening machine parts by rolling with small rolls or balls. p. 22.
Rusakov, Z. - How to make a hydrostatic draft gauge. p. 24.
Taratynov, V. - British experimental radar determination chart. p. 25.
Kogan, P. - Active rudder. p. 26.
Dolzhenko, G. - Fuel pumps with gas pushers for supercharged motors. p. 27.
Information from abroad on shipping and shipbuilding. p. 28.
Dorosinskii, M., IAskevich, A. - New manual on seamanship. p. 30.

MOSCOW, VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Shipbuilding Industry]. Nos. 26, 35-36, July-Sep. 1956.

SUDOSTROENIE [SHIPBUILDING]. Organ of Ministerstvo sudostroitel'noi promyshlennosti [Ministry of the Shipbuilding Industry]. Leningrad, vol. 22, no. 7(166), July 1956.

Table of contents translated:
Arkhangorodskii, A.G., Litvin, A.B. - Use of crushable packing in fore-and-aft launching of vessels. p.1.
Whale processing ship. p.6.
Altamovskii, M.I., Prokof'ev, K.A. - Approximate method of determining the amplitude of natural vibrations in condenser tubes under the effect of aerodynamic forces. p.7.
Leikin, V.S. - Calculation of voltage changes in synchronous generators subjected to shock loads. p.13.
Kuz'menko, V.K., and others. - Deformations in sheet-steel hull structures and ways to avoid them. p.19.
Shillin, P.M. - Forces in a power press during cold bending of steel hull plates. p.23.
IUzik, S.I. - Reasons for enlarging tolerances for the installation of marine boilers. p.26.
Zlobin, G.P. - Methods of heeling a vessel at large angles. p.32.
Frolov, N.F. - Additions to plans for foundations layed on two intersecting planes. p.33.
Dzhivaga, I.I. - Industrial practices of semiautomatic spot welding of corner joints. p.34.
Vidutskii, L.M. - Mechanization of ship painting. p.35.
Alekseev, N.I. - Hull assembling operations. p.36.
Kudrevatyi, G.M. - Determining tugboat resistance and capacity of the main engines in small vessels. p.36.
Kozlov, V.I. - Steam power plants on large American tankers. p.41.
Maizel', S.S. - New marine boiler design. p.45.
From the pages of journals. p.47.

Vol. 22, no. 8(166), Aug. 1956.
Table of contents translated:
Katsman, F.M. - Determining the power needed for towing freighters. p.3.
Agafonov, V.A. - Rate of heat transfer in high-pressure, main ship condensers. p.5.
Varlamov, N.S., Markov, N.M. - Some results of the experimental investigation of turbine stages. p.7.
Voskresenskii, G.G. - Automatic device for reducing the oxygen content in the feed water of main boilers. p.11.
Gufkin, G.M. - Developing a more efficient design for weak-current ship cables. p.13.
Batin, I.A., Dolginov, L.S. - New method of controlling the fitting of steam pipe systems according to their bending moment. p.15.
Safonov, A.I. - Changes in the structural elements of welded seams. p.19.
Iskra, E.V. - Adhesives for insulating materials. p.22.
Nikolaev, V.I. - Use and repair of stuffing box gaskets. p.26.
Kharin, A.D. - Method of repairing defects in bronze facings. p.27.
Borkin, M.N. - Improved insulation systems. p.28.
Fainshtein, M.IA. - Curves for determining the inductive resistance of laseways. p.29.
Elistratov, F.M. - Prospects for using free-piston gas generator turbines for ship propulsion. p.30.
Kriuchkov, IU.S. - Brief data on foreign shipbuilding in 1955. p.35.
New tankers. p.39.
Marine gas-turbine installation. p.40.
Improved boat davit. p.41.
Lifeboats with hand-operated propeller screws. p.41.
From the pages of journals. p.42.
Conference on the reduction of welding deformations of ship structures. p.43.
In the Scientific and Technical Association of the Shipbuilding Industry. p.43.

# PART I

## List of Terms, Symbols and Abbreviations Used

| | |
|---|---|
| Elektrichestvo (16e) | Elektrichestvo [Electricity] |
| Energ. biul. (16c) | Energeticheskii biulleten' [Power Bulletin] |
| Energetik (16e) | Energetik [Electric Power Technician] |
| Energomashinostroenie (16g) | Energomashinostroenie [Power Machinery Construction] |
| Ent. oboz. (13c) | Entomologicheskoe obozrenie [Entomological Review] |
| Est. v shkole (13c) | Estestvoznanie v shkole [Natural History in Schools] |
| Ėżebi Bashkortostan (11b) | Ėżebi Bashkortostan [Literary Bashkiria]. In Bashkir. |
| Ezhegodnik knigi SSSR (2a) | Ezhegodnik knigi SSSR; sistematicheskii ukazatel' [Annual of Soviet Books; Systematic Index] |
| Farm. i toks. (14f) | Farmakologiia i toksikologiia [Pharmacology and Toxicology] |
| Fel'd. i akush. (14g) | Fel'dsher i akusherka [Feldsher and Midwife] |
| Fin. SSSR (5c) | Finansy SSSR [Finance of the U.S.S.R.] |
| Fizika, mekhanika, matematika (13f) | Fizika, mekhanika, matematika; Sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Physics, Mechanics, Mathematics; Classified Index of Articles in Foreign Periodicals] |
| Fiziol. zhur. (13c) | Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.] |
| Fiziol. zhur. [Ukr.] (13c) | Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian. |
| Fizk. i sport (8b) | Fizkul'tura i sport [Physical Education and Sports] |
| Gaz. prom. (16c) | Gazovaia promyshlennost' [Gas Industry] |
| Geod. i kart. (13b) | Geodeziia i kartografiia [Geodesy and Cartography] |
| Geog. v shkole (12b) | Geografiia v shkole [Geography in Schools] |
| Geokhim. met. poisk. nefti i gaza (16h) | Geokhimicheskie metody poiskov nefti i gaza [Geochemical Methods of Prospecting for Petroleum and Gas] |
| Gidr. i mel. (15a) | Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation] |
| Gidr. stroi. (16d) | Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction] |
| Gidroliz. i lesokhim. prom. (16c) | Gidroliznaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry] |
| Gig. i san. (14g) | Gigiena i sanitariia [Hygiene and Sanitation] |
| Gor. khoz. Mosk. (16d) | Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow] |
| Gor. zhur. (16h) | Gornyi zhurnal [Mining Journal] |
| Grazhd. av. (16b) | Grazhdanskaia aviatsiia [Civil Aviation] |
| Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR (1b) | Korea (People's Democratic Republic, 1948- ). Dept. of Cultural Relations With Foreign Countries. Informatsionnyi biulleten' [Information Bulletin] |
| Informatsionnyi ukazatel' standartov (16a) | Informatsionnyi ukazatel' standartov [Information Index of Standards] |
| Inostr. lit. (11b) | Inostrannaia literatura [Foreign Literature] |
| Inzh. sbor. (16g) | Akademiia nauk SSSR. Institut mekhaniki. Inzhenernyi sbornik [Academy of Sciences of the U.S.S.R. Institute of Mechanics. Engineering Review] |
| Isk. kino (9a) | Iskusstvo kino [Cinema Art] |
| Iskusstvo (10a) | Iskusstvo [Art] |
| Issl. i mat. Inst. po izuch. SSSR | Institut zur Erforschung der UdSSR - Institut po izucheniiu SSSR. Issledovaniia i materialy [Institute for the [illegible] S.S.R. Investigations and Materials] |
| | [illegible]ov tsvetnykh metallov [Studies on Alloys [illegible] |
| | torii. Istoricheskii arkhe U.S.S.R. Institute es] |
| [illegible] (12a) | [illegible]skie zapiski [Historical Records] |
| IUn. nat. (13c) | IUnyi naturalist [Young Naturalist] |
| IUnost' (11b) | IUnost' [Youth] |
| Izdaniia NATI | see Trudy NATI |
| Izv. AN Arm. SSR. Biol. i sel'khoz. nauki (15a) | Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie i sel'skokhoziaistvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological and Agricultural Sciences]. In Russian and Armenian. |
| Izv. AN Arm. SSR. Obshchestv. nauki (1a) | Akademiia nauk Armianskoi SSR. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Social Sciences]. In Russian and Armenian. |
| Izv. AN Azerb. SSR (1a) | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia [Academy of Sciences of the Azerbaijan S.S.R. Bulletin] |
| Izv. AN Kazakh. SSR. Ser. filol. i isk. (11a) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series on Philology and Art] |
| Izv. AN Kazakh. SSR. Ser. fiziol. i med. (13c) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia fiziologii i meditsiny [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Physiology and Medicine] |
| Izv. AN SSSR. Otd. khim. nauk (13d) | Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences] |
| Izv. AN SSSR. Otd. lit. i iaz. (11b) | Akademiia nauk SSSR. Izvestiia. Otdelenie literatury i iazyka [Academy of Sciences of the U.S.S.R. Bulletin. Department of Literature and Language] |
| Izv. AN SSSR. Ser. biol. (13c) | Akademiia nauk SSSR. Izvestiia. Seriia biologicheskai [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series] |
| Izv. AN SSSR. Ser. geog. (12b) | Akademiia nauk SSSR. Izvestiia. Seriia geograficheskc [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series] |
| Izv. AN SSSR. Ser. geol. (12c) | Akademiia nauk SSSR. Izvestiia. Seriia geologicheskai [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series] |
| Izv. AN SSSR. Ser. mat. (13e) | Akademiia nauk SSSR. Izvestiia. Seriia matematicheskc [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series] |
| Izv. Akad. ped. nauk RSFSR (9a) | Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R.S.F.S.R. Bulletin] |
| Izv. Astrofiz. inst. AN Kazakh. SSR (13b) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Astrofizicheskii institut. Izvestiia [Academy of Sciences of t Kazakh S.S.R. Astrophysical Institute. Bulletin] |
| Izv. Otd. est. nauk AN Tadzh. SSR (13c) | Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie estestvennykh nauk. Izvestiia [Academy of Sciences the Tajik S.S.R. Department of Natural Science. Bu tin] |
| Izv. Otd. obshchestv. nauk AN Tadzh. SSR (1a) | Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie obshchestvennykh nauk. Izvestiia [Academy of Scier of the Tajik S.S.R. Department of Social Sciences. Bulletin] |
| Izv. TSKhA (15a) | Moscow. Moskovskaia sel'skokhoziaistvennaia akademi im. K.A. Timiriazeva. Izvestiia [Timiriazev Agricultural Academy of Moscow. Bulletin] |
| Izv. Vses. geog. ob-va (12b) | Geograficheskoe obshchestvo SSSR. Izvestiia [Geograp Society of the U.S.S.R. Bulletin] |
| Kartofel' i ovoshchi (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Kartofel' i ovoshchi [Sel'so; Exchange of Experience in Agriculture. Series on the Potato and Vegetables] |
| Kaz. zhizn' (5c) | Kazach'ia zhizn' [Cossack Life] |
| Kazakstan kommunist (0) | Kazakstan kommunist [Communist of Kazakhstan]. In Kazakh. |
| Kazakstannyn auyl sharuashylygy (15a) | Kazakstannyn auyl sharuashylygy [Kazakhstan Agricul In Kazakh. |
| Khim. i tekh. topl. (16c) | Khimiia i tekhnologiia topliva [Chemistry and the Tech ogy of Fuel] |
| Khim. prom. (16c) | Khimicheskaia promyshlennost' [Chemical Industries] |
| Khirurgiia (14h) | Khirurgiia [Surgery] |
| Khlopkovodstvo (15d) | Khlopkovodstvo [Cotton Growing] |
| Kholod. tekh. (16c) | Kholodil'naia tekhnika [Refrigeration Engineering] |
| Kinomekhanik (9a) | Kinomekhanik [Motion-Picture Operator] |
| Kitai (1b) | Kitai [China] |
| Klin. med. (14a) | Klinicheskaia meditsina [Clinical Medicine] |
| Klub (5e) | Klub [The Club] |
| Knigi Izdatel'stva Akademii nauk SSSR (2a) | Mozhdunarodnaia kniga. Knigi Izdatel'stva Akademii n SSSR [Books of the Publishing House of the Academ of Sciences of the U.S.S.R.] |
| Knigi 19- goda dlia detskikh i shkol'nykh bibliotek; rekomendatel'nyi ukazatel' literatury. 19- [Books for Children's and School Libraries; a Guide to Recommend Literature. 19- ] | Knigi dlia detskikh i shkol'nykh bibliotek; rekomendatel'nyi ukazatel' literatury. 19- [Books for Children's and School Libraries; a Guide to Recommend Literature. 19- ] |
| Knizhnaia letopis' (2a) | Knizhnaia letopis' [Book Chronicle] |
| Koks i khim. (16c) | Koks i khimiia [Coke and Chemistry] |
| Kolkh. proizv. (15a) | Kolkhoznoe proizvodstvo [Collective Farm Production] |
| Koll. zhur. (13d) | Kolloidnyi zhurnal [Colloid Journal] |
| Kom. Bel. (6) | Komunist Belarusi [Communist of White Russia]. In Russian. |
| Kom. Ukr. (6) | Komunist Ukrainy [Communist of the Ukraine]. In Ukrainian. |
| Komm. Bel. (6) | Kommunist Belorussii [Communist of White Russia] |
| Komm. Kazakh. (6) | Kommunist Kazakhstana [Communist of Kazakhstan] |
| Kommunist (6) | Kommunist [Communist] |
| Kommunist [Kirghiz] (6) | Kommunist [Communist]. In Kirghiz. |
| Konevodstvo (15b) | Konevodstvo [Horse Breeding] |
| Krat. soob. IIMK (4b) | Akademiia nauk SSSR. Institut istorii material'noi kul tury. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S. Institute of History of Material Culture. Brief Sum ries of Reports and Field Explorations] |
| Krat. soob. Inst. slav. (4a) | Akademiia nauk SSSR. Institut slavianovedeniia. Kra soobshcheniia [Academy of Sciences of the U.S.S. Institute of Slavic Studies. Brief Reports] |
| Krat. soob. Inst. vost. (4a) | Akademiia nauk SSSR. Institut vostokovedeniia. Kra soobshcheniia [Academy of Sciences of the U.S.S. Institute of Oriental Studies. Brief Reports] |
| Krest'ianka (15a) | Krest'ianka [The Peasant Woman] |
| Krokodil (1b) | Krokodil [Crocodile] |
| Kukuruza (15d) | Kukuruza [Corn] |
| Kul't.-pros. rab. (8a) | Kul'turno-prosvetitel'naia rabota [Cultural and Educa tional Work] |
| Lab. delo (14e) | Laboratornoe delo [Laboratory Work] |

[illegible] {Nafitania} {The Petroleum Workers}

[illegible] {Nauka i Zhizn'} {New Science}

[illegible] {Nauka i Zhizn'} {New Siberia}

[illegible] {Nauka i Tekhnika} {New Technology and Engineering in Construction}

[illegible] {Nauka i Zhizn'} {Nauka i Zhizn'} {Science and Life} {Newest Radio Technology, supplement to the periodical "Soviet Communism"}

[illegible] {New Times}

[illegible] {New Worlds}

[illegible] {New Worlds}

[illegible] {Obshchestvennaya gidrometeorologicheskaya sluzhba} {Studies in the History of Science at Peking}

[illegible] {Oktyabr'skaya}

[illegible] {Oktyabr'} {The Latter Light}

[illegible] {Oktyabr'skaya revolyutsiya i sovetskoe stroitel'stvo} {Operating and Planning Management}

[illegible] {Ostrovskiy} {A Multitude}

[illegible] {Ostrovskiy-Batov} {Ostrovskiy and}

[illegible] {Otechestvennaya istoriya} {Patriotic Heritage}

[illegible] {Pamyat' Veka} {Pavlik Morozov}

[illegible] {Pavlovskiy-Batov} {Pavlovskiy-Batov}

[illegible] {Pechat'} {Pechat'} {Printing} In Petrograd

[illegible] {Pechat'} {Pechat'} {Printing}

[illegible] {Pechat'} {Pechat'} {Printing} In Arkhangelsk

[illegible] {Pechat'} {Pechat'} {Printing} In Yaroslavl

[illegible] {Pechat'} {Pechat'} {Printing}

[illegible] {Pechatnik} {Printer}

[illegible] {Pechatnik} {Printer} {Printing Industry}

[illegible] {Pechatnik Izdatel'stva} {The Printing Industry Journal}

[illegible] {Pechora} {Pechora} {Pechora} In Vasily Rozanov

[illegible] {Pechora Izdatel'stva} {Pechora Publishing Trust} {Pechora} {Pechora} {Pechora}

[illegible] {Pechora} {Pechora} {Pechora} In Arkhangelsk

[illegible] {Pechora} {Pechora} {Pechora} {Pechora} {Pechora}

[illegible] {Pechora} {Pechora} {Pechora} {Pechora}

[illegible] {Pechora}

| | |
|---|---|
| Referativnyi zhurnal: Mekhanika (13f) | Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics] |
| Referativnyi zhurnal: Metallurgiia (16h) | Referativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy] |
| Rod. dali (1b) | Rodnye dali [Beloved Vistas] |
| Rus.-am. prav. vest. (3b) | Russko-amerikanskii pravoslavnyi vestnik [The Russian-American Orthodox Messenger] |
| Rus. put' (6) | Russkii put' [Russian Way] |
| Rus. slovo v Kan. (1b) | Russkoe slovo v Kanade [The Russian Word in Canada] |
| Rus. v Avstral. (1b) | Russkii v Avstralii [The Russian in Australia] |
| Ryb. khoz. (15b) | Rybnoe khoziaistvo [Fisheries] |
| Sad i og. (15d) | Sad i ogorod [Horticulture] |
| Sad. vin. Mold. (15d) | Sadovodstvo, vinogradarstvo i vinodelie Moldavii [Fruit Culture, Viticulture, and Wine-Making in Moldavia] |
| Sbor. trud. Inst. elektrotekh. AN URSR (16e) | Akademiia nauk URSR, Kiev. Institut elektrotekhniky. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Electrical Engineering. Collected Works] |
| Sel'. stroi. (16d) | Sel'skii stroitel' [Rural Builder] |
| Sel'khoz. Kazakh. (15a) | Sel'skoe khoziaistvo Kazakhstana [Agriculture of Kazakhstan] |
| Sel'khozmashina (16g) | Sel'khozmashina [The Agricultural Machine] |
| Sel'skoe khoziaistvo (15a) | Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Systematical Index of Articles in Foreign Periodicals] |
| Sel'skoe khoziaistvo za rubezhom (15a) | Sel'skoe khoziaistvo za rubezhom; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Agriculture Abroad; Translations and Surveys of Foreign Periodical Literature] |
| Sem'ia i shkola (8a) | Sem'ia i shkola [Family and School] |
| Skynteia leniniste (1b) | Skynteia leniniste [Leninist Spark], In Moldavian. |
| Slaviane (6) | Slaviane [The Slavs] |
| Smena (5c) | Smena [The Younger Generation] |
| Soglasie (1b) | Soglasie [Concord] |
| Soob. AN Gruz. SSR (1a) | Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports; Russian language edition] |
| Sots. kul't. (1b) | Sotsialistychna kul'tura [Socialist Culture]. In Ukrainian. |
| Sots. obesp. (5e) | Sotsial'noe obespechenie [Social Security] |
| Sots. sel'khoz. (15a) | Sotsialisticheskoe sel'skoe khoziaistvo [Socialist Agriculture] |
| Sots. trud (5d) | Sotsialisticheskii trud [Socialist Labor] |
| Sots. tvar. (15b) | Sotsialistychne tvarynnytstvo [Socialist Animal Husbandry]. In Ukrainian. |
| Sots. Uz. (1b) | Sotsialistik Uzbekiston [Socialist Uzbekistan]. Parallel text in Uzbek and Russian. |
| Sov. bibl. (2a) | Sovetskaia bibliografiia [Soviet Bibliography] |
| Sov. etn. (12a) | Sovetskaia etnografiia [Soviet Ethnography] |
| Sov. gos. i pravo (7) | Sovetskoe gosudarstvo i pravo [The Soviet State and Law] |
| Sov. Kazakh. (11b) | Sovetskii Kazakhstan [Soviet Kazakhstan] |
| Sov. knizh. torg. | Sovetskaia knizhnaia torgovlia [Soviet Book Trade] |
| | ast [Soviet Red Cross] |
| | Medicine] |
| | ess] |
| | Pedagogy] |
| | rade Unions] |
| | mmerce] |
| | raine] |
| | iet Oriental Studies] |
| | Woman] |
| | ure]. In Tatar. |
| | In Armenian. |
| | og dlia zaiavok [Soviet Order Catalog] |
| | iet Books] |
| | Schoolboy] |
| | vnoe obozrenie; Khirurgiia Literature; Surgery] |

| | |
|---|---|
| Sovetskoe meditsinskoe referativnoe obozrenie: Mikrobiologiia, infektsionnye bolezni, epidemiologiia (14a) | Sovetskoe meditsinskoe referativnoe obozrenie: Mikrobiologiia, infektsionnye bolezni, epidemiologiia [Abstracts of Soviet Medical Literature: Microbiology, Communicable Diseases, Epidemiology] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia fiziologiia, biokhimiia, farmakologiia i toksikologiia (14a) | Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia fiziologiia, biokhimiia, farmakologiia i toksikologiia [Abstracts of Soviet Medical Literature: Normal and Pathological Physiology, Biochemistry, Pharmacology, and Toxicology] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Vnutrennie bolezni (14a) | Sovetskoe meditsinskoe referativnoe obozrenie: Vnutrennie bolezni [Abstracts of Soviet Medical Literature: Internal Diseases] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Zdravookhranenie, gigiena i sanitariia, istoriia meditsiny (14g) | Sovetskoe meditsinskoe referativnoe obozrenie: Zdravookhranenie, gigiena i sanitariia, istoriia meditsiny [Abstracts of Soviet Medical Literature: Public Health, Hygiene and Sanitation, History of Medicine] |
| Sovkhoz. proizv. (15a) | Sovkhoznoe proizvodstvo [State Farm Production] |
| Sp. igry (8b) | Sportivnye igry [Athletic Games] |
| Spiski novykh postuplenii Biblioteki Instituta (2a) | Institut zur Erforschung der UdSSR - Institut po izucheniiu SSSR. Bibliothek - Biblioteka. Spiski novykh postuplenii [Institute for the Study of the U.S.S.R. Library. Accession Lists] |
| Sred. spets. obr. (8a) | Srednee spetsial'noe obrazovanie [Secondary Specialized Education] |
| Stal' (16h) | Stal' [Steel] |
| Stan. i instr. (16g) | Stanki i instrument [Machine Tools and Instruments] |
| Stek. i ker. (16c) | Steklo i keramika [Glass and Ceramics] |
| Stroi. i dor. mashinostr. (16g) | Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building] |
| Stroi. mat., izdel. i konstr. (16d) | Stroitel'nye materialy, izdeliia i konstruktsii [Building Materials, Products, and Designs] |
| Stroi. pred. neft. prom. (16h) | Stroitel'stvo predpriiatii neftianoi promyshlennosti [Construction of Petroleum Industry Enterprises] |
| Stroi. prom. (16d) | Stroitel'naia promyshlennost' [Building Industry] |
| Stud. nauch. sbor. ERPI (1a) | Erivan. Gosudarstvennyi russkii pedagogicheskii institut. Studencheskii nauchnyi sbornik [State Russian Pedagogical Institute. Students' Scholarly Papers] |
| Sudostroenie (17b) | Sudostroenie [Shipbuilding] |
| Svar. proizv. (16f) | Svarochnoe proizvodstvo [Welding Practice] |
| Svet nad Baik. (11b) | Svet nad Baikalom [Light Over the Baikal] |
| Svetotekhnika (16c) | Svetotekhnika [Illuminating Engineering] |
| Svinovodcheskaia ferma (15b) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Svinovodcheskaia ferma [Sel'so; Exchange of Experience in Agriculture. Series on the Swine Breeding Farm] |
| Svinovodstvo (15b) | Svinovodstvo [Swine Breeding] |
| Teatr (9c) | Teatr [The Theater] |
| Tekhnicheskie i maslichnye kul'tury (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Tekhnicheskie i maslichnye kul'tury [Sel'so; Exchange of Experience in Agriculture. Series on Technical and Oilseed Crops] |
| Tekhsov. MTS (15a) | Tekhsovety MTS [Technical Advice to Machine-Tractor Stations] |
| Tekst. prom. (16f) | Tekstil'naia promyshlennost' [Textile Industry] |
| Teor. i prak. fiz-kul't. (8b) | Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education] |
| Teploenergetika (16g) | Teploenergetika [Heat Engineering] |
| Terap. arkh. (14e) | Terapevticheskii arkhiv [Therapeutic Archives] |
| Torf. prom. (16h) | Torfianaia promyshlennost' [Peat Industry] |
| Torgovlia za rubezhom (5a) | Torgovlia za rubezhom [Trade Abroad] |
| Transp. stroi. (16d) | Transportnoe stroitel'stvo [Construction for the Transportation] |
| Trudy AN Tadzh. SSR (1a) | Akademiia nauk Tadzhikskoi SSR. Trudy [Academy of Sciences of the Tajik S.S.R. Transactions] |
| Trudy Azerb. ind. inst. (16a) | Baku. Azerbaidzhanskii industrial'nyi institut. Trudy [Azerbaijan Industrial Institute. Transactions] |
| Trudy Biol. inst. KirFAN SSSR (13c) | Akademiia nauk SSSR. Kirgizskii filial, Frunze. Biologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Kirghiz Branch. Biological Institute. Transactions] |
| Trudy GIN (12c) | Akademiia nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions] |
| Trudy GOIN (12b) | Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy [State Oceanographical Institute. Transactions] |
| Trudy Geol. inst. Kazan. fil. AN SSSR (12c) | Akademiia nauk SSSR. Kazanskii filial, Kazan. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Kazan Branch. Geological Institute. Transactions] |

| | |
|---|---|
| Trudy Gidrav. lab. VODGEO (16d) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzhenila, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. Gidravlicheskaia laboratoriia. Trudy [All-Union Scientific Research Institute of Water Supply, Sewage Systems, Hydraulic Engineering Structures, and Engineering Hydrogeology] |
| Trudy Glav. bot. sada (13c) | Moscow. Glavnyi botanicheskii sad, Pushkinskoye. Trudy [Main Botanical Garden. Transactions] |
| Trudy IGEM (12c) | Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions] |
| Trudy IAk. fil. AN SSSR. Ser. fiz. (13f) | Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Trudy. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Yakutsk Branch. Transactions. Physical Series] |
| Trudy Inst. bot. AN Kazakh. SSR (13c) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Botany. Transactions] |
| Trudy Inst. etn. (12a) | Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions] |
| Trudy Inst. geol. nauk (12c) | Akademiia nauk SSSR Institut geologicheskikh nauk. Trudy [Academy of Sciences of the U.S.S.R. Institute of Geological Sciences. Transactions] |
| Trudy Inst. iaz. (11a) | Akademiia nauk SSSR. Institut iazykoznaniia. Trudy [Academy of Sciences of the U.S.S.R. Institute of Linguistics. Transactions] |
| Trudy Inst. isp. gaza AN URSR (16c) | Akademiia nauk URSR, Kiev. Instytut vykorystannia gazu. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Gas Utilization. Transactions] |
| Trudy Inst. mel., vod. i bol. khoz. AN BSSR (15a) | Akademiia navuk BSSR, Minsk. Instytut meliaratsyi, vodnoi i balotnai haspadarki. Trudy [Academy of Sciences of the White Russian S.S.R. Institute of Land Improvement, Water, and Swamps. Transactions] |
| Trudy Inst. morf. zhiv. (13c) | Akademiia nauk SSSR. Institut morfologii zhivotnykh. Trudy [Academy of Sciences of the U.S.S.R. Institute of Animal Morphology. Transactions] |
| Trudy Inst. nefti (16h) | Akademiia nauk SSSR. Institut nefti. Trudy [Academy of Sciences of the U.S.S.R. Petroleum Institute. Transactions] |
| Trudy Inst. stroi. dela AN Gruz. SSR (16d) | Akademiia nauk Gruzinskoi SSR, Tiflis. Institut stroitel'nogo dela. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Construction. Transactions] |
| Trudy KazNIGMI (13f) | Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions] |
| Trudy Komi fil. AN SSSR (1a) | Akademiia nauk SSSR. Komi filial, Syktyvkar. Trudy [Academy of Sciences of the U.S.S.R. Komi Branch. Transactions] |
| Trudy Lab. geol. ugl. (16h) | Akademiia nauk SSSR. Laboratoriia geologii uglia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of the Geology of Coal. Transactions] |
| Trudy MAI (16b) | Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions] |
| Trudy MIIT (16g) | Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions] |
| Trudy MNI (16h) | Moscow. Moskovskii neftianoi institut. Trudy [Moscow Petroleum Institute. Transactions] |
| Trudy MTIPP (16c) | Moscow. Tekhnologicheskii institut pishchevoi promyshlennosti. Trudy [Technological Institute of the Food Industry. Transactions] |
| [Trudy] MVTU (16a) | Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. (Trudy) [Moscow Technical College. (Transactions)] |
| [Trudy] NATI (16g) | Moscow. Gosudarstvennyi soiuznyi nauchno-issledovatel'skii traktornyi institut. (Trudy) [State All-Union Scientific Research Tractor Institute. (Transactions)] |
| Trudy NIIZHT (16d) | Novosibirsk. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions] |
| [Trudy] NIUIF (16c) | Moscow. Nauchnyi institut po udobreniiam i insektofungisidam. (Trudy) [Scientific Institute of Fertilizers and Insectofungicides. (Transactions)] |
| Trudy Paleont. inst. (12c) | Akademiia nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions] |
| Trudy RIIZHT (16g) | Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Engineers of Railroad Transportation. Transactions] |
| Trudy Sem. po teor. mash. (16g) | Akademiia nauk SSSR. Seminar po teorii mashin i mekhanizmov. Trudy [Academy of Sciences of the U.S.S.R. Seminar on the Theory of Machines and Mechanisms. Transactions] |
| Trudy TSNII MPS (16g) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions] |
| Trudy TSNIIGAIK (13b) | Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions] |
| Trudy TSNIIS (16d) | Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions] |
| Trudy Ukr. NIGMI (13f) | Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions] |
| Trudy Ural. politekh. inst. (16a) | Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy (Sbornik statei) [Ural Polytechnical Institute. Transactions (Collected Papers)] |
| Trudy VNIO (15b) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut okhotnich'ego promysla. Trudy [All-Union Scientific Research Institute of the Hunting Industry. Transactions] |
| Trudy VSEGEI (12c) | Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions] |
| TSement (10d) | TSement [Cement] |
| TSer. ved. (3b) | TSerkovnyia vedomosti Pravoslavnoi tserkvi v Germanii [Gazette of the Orthodox Church in Germany] |
| TSvet. met. (16h) | TSvetnye metally [Nonferrous Metals] |
| Uch. zap. AGU (1a) | Baku. Azerbaidzhanskii gosudarstvennyi universitet. Elmi əsərlər. Uchenye zapiski [Azerbaijan State University. Studies] |
| Uch. zap. Akad. obshchestv. nauk (1a) | Moscow. Akademiia obshchestvennykh nauk. Uchenye zapiski [Academy of Social Sciences. Studies] |
| Uch. zap. Bash. gos. ped. inst. (1a) | Ufa. Bashkirskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Bashkir State Pedagogical Institute. Scientific Records] |
| Uch. zap. GGPI (1a) | Gorkiy. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Podagogical Institute. Studies] |
| Uch. zap. Erev. gos. rus. ped. inst. (1a) | Erivan. Gosudarstvennyi russkii pedagogicheskii institut. Uchenye zapiski [State Russian Pedagogical Institute. Studies] |
| Uch. zap. Inst. vost. (4a) | Akademiia nauk SSSR. Institut vostokovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Oriental Studies. Studies] |
| Uch. zap. Kish. un. (1a) | Kishinev. Universitet. Uchenye zapiski [University. Scientific Records] |
| Uch. zap. Len. un. (1a) | Leningrad. Universitet. Uchenye zapiski [University. Scientific Records] |
| Uch. zap. Ped. inst. Gerts. (8a) | Leningrad. Gosudarstvennyi pedagogicheskii institut im. A.I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Scientific Records] |
| Uch. zap. po nov. i noveish. ist. (4a) | Akademiia nauk SSSR. Institut istorii. Uchenye zapiski po novoi i noveishei istorii [Academy of Sciences of the U.S.S.R. Institut of History. Studies in Modern and Recent History] |
| Ud. i ur. (15d) | Udobrenie i urozhai [Fertilizers and Crops] |
| Ugol' (16h) | Ugol' [Coal] |
| Ukr. biokhim. zhur. (13c) | Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal]. In Ukrainian and Russian. |
| Ukr. prav. slovo (3b) | Ukrains'ke pravoslavne slovo [Ukrainian Orthodox Word]. In Ukrainian. |
| Ukraina (1b) | Ukraina [The Ukraine]. In Ukrainian. |
| Usp. khim. (13d) | Uspekhi khimii [Progress in Chemistry] |
| Usp. sovr. biol. (13c) | Uspekhi sovremennoi biologii [Progress in Contemporary Biology] |
| Uzbekiston kommunisti (6) | Üzbekiston kommunisti [Communist of Uzbekistan]. In Uzbek. |
| V zashch. mira (6) | V zashchitu mira [In Defense of Peace] |
| Vechnoe (3b) | Vechnoe [The Eternal] |
| Vest. AN Kazakh. SSR (1a) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal] |
| Vest. drev. ist. (4a) | Vestnik drevnei istorii [Review of Ancient History] |
| Vest. khir. (14h) | Vestnik khirurgii [Review of Surgery] |
| Vest. Len. un. (1a) | Leningrad. Universitet. Vestnik [University. Review] |
| Vest. mash. (16g) | Vestnil |
| Vest. Mosk. un. (1a) | Mosc |
| Vest. rent. i rad. (14a) | |
| Vest. Rus. khrist. d | |
| Vest. stat. | |
| Vest. sviaz | |
| Vest. ven. i (14i) | |
| Vest. vys. s (8a) | |
| Vestsi AN Ser. fiz. nav. (13 | |
| Veterinari | |
| Viest. Rus khrist. ( | |

| | |
|---|---|
| Vil'nyi ukrains'kyi robitnik (5d) | Vil'nyi ukrains'kyi robitnik [The Free Ukrainian Worker]. In Ukrainian. |
| Visnyk AN URSR (1a) | Akademiia nauk URSR, Kiev. Visnyk [Academy of Sciences of the Ukrainian S.S.R. Journal]. In Ukrainian. |
| Vitchyzna (11b) | Vitchyzna [Our Country]. In Ukrainian. |
| Vnesh. torg. (5a) | Vneshniaia torgovlia [Foreign Trade] |
| Vod. i san. tekh. (16d) | Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering] |
| Voen. -med. zhur. (14a) | Voenno-meditsinskii zhurnal [Journal of Military Medicine] |
| Voen. vest. (17a) | Voennyi vestnik [Military Review] |
| Voen. znan. (17a) | Voennye znaniia [Military Knowledge] |
| Vokrug sveta (12b) | Vokrug sveta [Around the World] |
| Vop. ekon. (5b) | Voprosy ekonomiki [Problems of the Economy] |
| Vop. filos. (3a) | Voprosy filosofii [Problems of Philosophy] |
| Vop. geog. Kazakh. (12b) | Voprosy geografii Kazakhstana [Problems of the Geography of Kazakhstan] |
| Vop. laz. (11a) | Voprosy iazykoznaniia [Problems of Linguistics] |
| Vop. ist. (4a) | Voprosy istorii [Problems of History] |
| Vop. ist. est. i tekh. (13a) | Voprosy istorii estestvoznaniia i tekhniki [Problems of the History of Natural Science and Technology] |
| Vop. izobr. isk. (10a) | Voprosy izobrazitel'nogo iskusstva [Problems of Fine Arts] |
| Vop. kur., fizioter. i lech. fiz. kul't. (14e) | Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Resort Therapy, Physical Therapy, and Therapeutic Physical Culture] |
| Vop. med. khim. (14f) | Voprosy meditsinskoi khimii [Problems of Medical Chemistry] |
| Vop. onk. (14a) | Voprosy onkologii [Problems of Oncology] |
| Vop. psikhol. (3a) | Voprosy psikhologii [Problems of Psychology] |
| Voprosy raketnoi tekhniki (16b) | Voprosy raketnoi tekhniki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature] |
| Vsem. prof. dvizh. (5d) | Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement] |
| Vsem. stud. nov. (8a) | Vsemirnye studencheskie novosti [World Student News] |
| Vyzvol'nyi shliakh (1b) | Vyzvol'nyi shliakh [Liberation Path]. In Ukrainian. |
| Zashch. rast. ot vred. i bol. (15d) | Zashchita rastenii ot vreditelei i boleznei [Protecting Plants Against Diseases and Pests] |
| Zdorov'e (14a) | Zdorov'e [Health] |
| Zemledelie (15d) | Zemledelie [Agriculture] |
| Zernovye i kormovye kul'tury (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Serlia Zernovye i kormovye kul'tury [Sel'so; Exchange of Experience in Agriculture. Series on Grain and Forage Crops] |
| Zhel. dor. transp. (16g) | Zheleznodorozhnyi transport [Railroad Transportation] |
| Zhivotnovodstvo (15b) | Zhivotnovodstvo [Animal Husbandry] |
| Zhizn' slepykh (1b) | Zhizn' slepykh [Life of the Blind] |
| Zhovten' (11b) | Zhovten' [October]. In Ukrainian. |
| Zhur. anal. khim. (13d) | Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry] |
| Zhur. eksp. i teor. fiz. (13f) | Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics] |
| Zhur. fiz. khim. (13d) | Zhurnal fizicheskoi khimii [Journal of Physical Chemistry] |
| Zhur. mikrobiol. epid. i immun. (14a) | Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology] |
| Zhur. Mosk. Patr. (3b) | Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate] |
| Zhur. nauch. i prikl. fot. i kin. (16c) | Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography] |
| Zhur. neorg. khim. (13d) | Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry] |
| Zhur. ob. khim. (13d) | Zhurnal obshchei khimii [Journal of General Chemistry] |
| Zmina (5c) | Zmina [The Younger Generation]. In Ukrainian. |
| Znamia (11b) | Znamia [The Banner] |
| Znamia Ros. (6) | Znamia Rossii [The Banner of Russia] |
| Znan. sila (13a) | Znanie - sila [Knowledge is Power] |
| Zool. zhur. (13c) | Zoologicheskii zhurnal [Zoological Journal] |
| Zvezda (11b) | Zvezda [The Star] |
| Zvezda Vost. (11b) | Zvezda Vostoka [Star of the East] |

ACTH

Changes in some indexes of water-salt metabolism in the body under the influence of the adrenocorticotropic hormone (ACTH). V. R. Slobodskoi, R. L. Kovarskaia. Probl. endok. i gorm. 2 no. 2:67-71 Mr-Ap '56.

Effect of ACTH and of cortisone on the development of experimental toxic edema of the lung in rats. N. P. Smirnov. Probl. endok. i gorm. 2 no. 1:75-78 Ja-F '56.

Effect of cortisone on the ACTH content in the pituitary in rats. N. V. Mikhailova. Probl. endok. i gorm. 2 no. 1: 79-81 Ja-F '56.

Effect of partial acid and peptic hydrolysis of an ACTH preparation on its biological activity. T. S. Sakhatskaia, N. G. Serebrennikova. Probl. endok. i gorm. 2 no. 1:64-68 Ja-F '56.

Effects of ACTH on diphtherial intoxication in guinea pigs. N. A. Skuratova. Probl. endok. i gorm. 2 no. 2: 72-77 Mr-Ap '56.

Effects of the adrenocorticotropic hormone (ACTH) and cortisone in some skin diseases. N. S. Smelov and others. Sov. med. 20 no. 7:19-24 Jl '56.

Preparation of highly-active homogeneous fractions of ACTH; preliminary communication. Probl. endok. i gorm. 2 no. 1:97-102 Ja-F '56.

Use of ACTH in agranulocytosis. A. M. Raskin. Probl. endok. i gorm. 2 no. 1: 69-74 Ja-F '56.

ABACUS

Using the abacus for arithmetic lessons in the fifth grade. V. I. Krupich. Mat. v shkole no. 5:58-66 S-O '56.

ABAZA (KRASNOYARSK TERRITORY)—IRON MINES AND MINING

Abakan Blagodat'. M. Mironov. Mol. kolkh. 23 no. 8:6 Ag '56.

ABDOMEN—SURGERY

Modern forms of general anesthesia in surgery of abdominal viscera [with summary in English, p. 150]. A. A. Volkov, V. I. Filin. Vest. khir. 77 no. 8:3-17 Ag '56.

Organization of emergency surgical aid for patients with acute abdominal diseases in a district hospital. G. V. Petrov. Khirurgiia 32 no. 6:26-30 Je '56.

ABDOMEN—TUMORS

Giant pseudomyxoma in the abdominal cavity. S. N. Efuni, K. M. Federmesser, L. V. Okorokova. Khirurgiia 32 no. 6:75-76 Je '56.

ABDOMEN—WOUNDS AND INJURIES

Using penicillin and streptomycin in the treatment of gunshot wounds of the abdominal cavity. A. A. Unagov. Voen.-med. zhur. no. 10:34-35 O '56.

ABDULGANI, RUSLAN, 1914-

People and events; Ruslan Abdulgani; biographical notes. Nov. vrem. 14 no. 37:30 S '56.

ABDULZHALILOV, F.

Nogai tales ("Family of the strong", "Asantai"; tales. F. Abdulzhalilov. Book review). Druzh. nar. no. 9: 186-187 S '56.

ABERRATION

Determining the aberration constant from a set of two years observations on the refractor at Pulkovo. Kh. I. Potter, Z. I. Kadla. Astron. tsirk. no. 170:3-4 '56.

ABIETIC ACID

Abietic acid, the primary resin acid from the exudation of Pinus silvestris. I. I. Bardyshev, L. I. Ukhova. Dokl. AN SSSR 109 no. 1:89-90 Jl-Ag '56.

Kinetics of the oxidation of calcium abietate. M. M. Paulichenka, V. M. Akulovich. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:77-86 '56.

ABKHAZIA—CHANCROID

Some data on the epidemiology of chancroid in Abkhazia. A. V. Bokhua. Vest. ven. i derm. 30 no. 4:50-60 Jl-Ag '56.

ABKHAZIA—HOVENIA

Japanese raisin tree. Vokrug sveta no. 8:58-59 Ag '56.

ABKHAZIA—LEPIDOPTERA

Causes of the absence of certain Lepidoptera in the Black Sea region of Abkhazia [with English summary in insert]. E. S. Millanovskii. Zool. zhur. 35 no. 8:1170-1176 Ag '56.

ABKHAZIA—SCALE INSECTS

Biology of the scale insect Leucaspis japonica Ckll. (Homoptera, Coccoidea) in Abkhazia. E. F. Kozarzhevskaia. Ent. oboz. 35 no. 2:302-310 '56.

ABNORMALITIES (ANIMALS)

A lamb with four heads. A. Litvinov. Veterinariia 33 no. 9:61 S '56.

ABORTION

Missed abortion. A. L. Kaplan. Fel'd. i akush. 21 no. 7:53-56 Jl '56.

Yes, abortions are evil. M. S. Malinovskii. Sov. zhen. 12 no. 9:45-46 S '56.

ABOVIAN, KHACHATUR, 1805-1848

Khachatur Abovian. Tigran Akhumian. Uch. zap. Eriv. gos. russ. ped. inst. 5:33-53 '55.

Khachatur Abovian, founder of the new realistic Armenian literature [in Azerbaijani with summary in Russian]. M. Seidov. Izv. AN Azerb. SSR no. 7:111-121 Jl '56.

ABRAMOV, ALEKSANDR VASIL'EVICH, 1887-1924

Why aren't the works of the poet Aleksandr Shiriavets published? Vasilii Kazin, I. Rozanov, S. Fomin. Novyi mir 32 no. 8:261 Ag '56.

ABRASIVE WHEELS see Grinding wheels

ABRASIVES

Grinding machine-parts surfaces by abrasive liquids. N. G. Markov, F. V. Kisliakov, M. M. Trukhachev. Vest. mash. 36 no. 9:56-57 S '56.

ABSCESS

Surgical treatment of hypostatic abscesses in tuberculous spondylitis. M. L. Shulutko, N. P. Etokhina. Khirurgiia 32 no. 6:62-65 Je '56.

ABSORPTION

Analytic calculation of the absorption of nitric oxides. A. P. Zasorin. Khim. prom. no. 3:182-183 Ap-My '56.

Comparative absorption characteristics of swampy ores of Leningrad Province, the Tukan deposits and industrial by-products of the Stalinabad Soda Plant. IU. D. Kernos, N. I. Brodskaia, V. P. Teodorovich. Gaz. prom. no. 10:9-13 O '56.

New bubbling apparatus for adsorption and heat exchange processes. I. N. Kuz'minykh. Khim. prom. no. 4:234-237 Je '56.

X-ray analysis of hydrocarbon absorption by montmorillonite. I. G. Ismailzade. Izv. AN Azerb. SSR no. 7:17-21 Jl '56.

ABSORPTION IN SOILS see Soil absorption

ABSORPTION OF LIGHT

Separate consideration of the various components of light attenuated by the atmosphere of the earth. T. P. Toropova. Dokl. AN SSSR 109 no. 2:295-298 Jl '56.

ABSTRACTION

The significance of abstraction in the cognitive process. A. M. Tevosian. Uch. zap. Erev. gos. russ. ped. inst. 4:148-157 '55.

ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R.

Basic results of scientific activities of the Academy of Sciences of the Azerbaijan S. S. R. for 1951-1955 and its tasks in the sixth five-year plan in the light of the decisions of the 20th Congress of the Communist Party of the Soviet Union. M. M. Aliev. Izv. AN Azerb. SSR no. 5:9-22 My '56.

ACADEMY OF SCIENCES OF THE U. S. S. R.

Akademiia nauk SSSR, Iubileinaia sessiia, Moscow, 1945. 220th anniversary of the Academy of Sciences of the U.S.S.R.; in two volumes] 220 let Akademii nauk SSSR; v dvukh tomakh. [Red. kollegiia S. I. Vavilov i dr. Sost. V. A. Kovda i dr.] Moskva,
Vol. 1. 1946. 430 p.

ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R.

Approval of the topic research plan for institutions of the Department of Chemical and Geological Sciences of the Academy of Sciences of the Ukrainian S. S. R. for 1956-1960. Visnyk AN URSR 27 no. 7:75 Jl '56.

On the activities of the Council for Studying Production Forces of the Ukrainian S. S. R. of the Academy of Sciences of the Ukrainian S. S. R. and the plan for problems and topics for research in 1956. Visnyk AN URSR 27 no. 7:75-77 '56.

Reorganization of the Lviv and Crimean branches of the Academy of Sciences of the Ukrainian S. S. R. Visnyk AN URSR 27 no. 8:77 Ag '56.

ACCELERATORS, ELECTRON see Particle accelerators

ACCIDENT INSURANCE see Insurance, Accident

ACCIDENTS, INDUSTRIAL see Industrial accidents

ACCLIMATIZATION

Philipps, R. [Breeding livestock adapted to unfavorable environments. Translated from the English] Razvedenie sel'skokhoziaistvennykh zhivotnykh v neblagopriiatnykh klimaticheskikh usloviiakh. Sokr. perevod s angliiskogo M. A. Arsen'evoi. Pod red. i s predisl. E. IA. Borisenko. Moskva, Izd-vo inostrannoi lit-ry, 1954. 159 p. (DA)

ACCLIMATIZATION (PLANTS) see subdivision under Ukraine

ACCOUNTING

The accounting apparatus in local organizations is expensive. A. Burov. Fin. SSSR 17 no. 9:35-38 S '56.

[Accounting at institutions on the state budget; collection of directives] Uchet v biudzhetnykh uchrezhdeniiakh; sbornik rukovodiashchikh materialov. Moskva, Gosfinizdat, 1956. 231 p.

"Accounting in industry." S. I. Seleznev, P. Kh. Shneivas, M. A. Merkulov. Reviewed by M. Dubrovner, I. Sadovykh. Bukhg. uchet 16 no. 8:57-61 Ag '56.

A good textbook on accounting in industry ("Accounting in industry." S. Shchenkov. Reviewed by S. Barngol'ts, I. Poklad). Vop. ekon. no. 9:132-137 S '56.

Let us improve the system of records, accounts and planning. K. IAkovlev. Mias. ind. SSSR 27 no. 4:42-44 '56.

ACCOUNTING—MACHINE METHODS see Machine accounting

ACCUSATION see Indictments

ACETALS

Research in the field of synthesis and conversion of oxygen containing silicon organic compounds. Part 4. Synthesis of methyl-, ethyl-, n-propyl- and isopropyldimethylphenylsilylacetals. Izv. AN SSSR. Otd. khim. nauk no. 7:811-816 Jl '56.

ACETAMIDE

Complexing of acetamide and benzamide with other organic compounds. N. D. Strel'nikova. Zhur. ob. khim. 26 no. 7:1863-1866 Jl '56.

Experimental, chemical therapeutic, and pharmacologic investigation of the preparation N-(2, 4-dichlorobenzyl) -N-(hydroxyethyl)-dichloroacetamide. V. D. Nosina, V. F. Gladkikh, O. I. Kellina. Med. paraz. i paraz. bol. 25 no. 3:252-255 Jl-S '56.

Physicochemical analysis of binary systems formed by acetamide with organic acids. Part 3. Density, viscosity, and conductance of the system: acetamide -- trichloroacetic acid. IU. I. Bokhovkina, I. M. Bokhovkin. Zhur. ob. khim. 26 no. 7:1872-1876 Jl '56.

Study of the interaction of acetamide with phenols by means of physicochemical analysis. Z. K. Dzhelomanova, N. Z. Rudenko, D. E. Dionis'ev. Zhur. ob. khim. 26 no. 7:1866-1872 Jl '56.

Treatment of acute epidemic conjunctivitis. B. M. Sinitsyn. Sov. med. 20 no. 7:61-62 Jl '56.

ACETIC ACID

New complexons. Communication 2. Parafuchsinhexaacetic acid [with English summary in insert]. R. P. Lastovskii and others. Zhur. anal. khim. 11 no. 4:405-409 Jl-Ag '56.

ACETIC ACID (Continued)

Oxomium compounds of esters with organic acids. Part 3. Systems: $HCOOC_2H_5$ -- $CH_3COOH$ and $CCl_3COOC_2H_5$ -- $CH_3COOH$. M. Usanovich, K. Bilialov, L. Krasnomolova. Zhur. ob. khim. 26 no. 7:1881-1884 Jl '56.

Physicochemical analysis of binary systems formed by acetamide with organic acids. Part 3. Density, viscosity, and conductance of the system: acetamide -- trichloroacetic acid. IU. I. Bokhovkina, I. M. Bokhovkin. Zhur. ob. khim. 26 no. 7:1872-1876 Jl '56.

Reaction of acetylbenzoyl peroxide with alcohols and acetic acid. G. A. Razuvaev, V. N. Latlaeva. Zhur. ob. khim. 26 no. 7:1988-1991 Jl '56.

Synthesis of p-tert-butylphenoxyacetic acid. V. I. Isagulants, T. A. Azizian. Dokl. AN Arm. SSR 9 no. 1:23-26 '48.

ACETOBACTER

Characteristics of the development of sorbose bacteria as affected by the conditions of cultivation. Z. G. Razumovskaia, S. M. Zhdan-Pushkina. Vest. Len. un. 11 no. 15:107-116 '56.

ACETONE

Reactions of hydrazine derivatives. Part 6. Effect of alkyl halides on acetone azine. A. N. Kost, G. A. Golubeva, I. I. Grandberg. Zhur. ob. khim. 26 no. 7:1976-1979 Jl '56.

ACETYL CHLORIDE

Trichlorophosphazotrichloroacetyl and N-phosphoryl chloride of trichloroiminoacetyl. A. V. Kirsanov, G. I. Derkach. Zhur. ob. khim. 26 no. 7:2009-2014 Jl '56.

ACETYLATION

Modified method for determining sulfanilamides adopted to studying the coenzyme A content and the acetylation capacity of tissues. O. N. Sytinskaia. Vop. med. khim. 2 no. 3:214-221 My-Je '56.

ACETYLCHOLINE

Acetylcholine in the nervous system. E. B. Skvyra'ka. Nauk. zap. Kiev. un. 8 no. 3:71-83 '49.

Cholinesterase activity and cholinergic reaction of blood in schizophrenia. D. O. Al'pern. Fiziol. zhur. [Ukr.] 2 no. 4:87-90 Jl-Ag '56.

Effect of changes in the functional state of the nervous system on enzymochemical processes and the cholinergic reaction of the sick organism. D. O. Al'pern. Fiziol. zhur. [Ukr.] 2 no. 3:102-107 My-Je '56.

Effect of histamine and acetylcholine on the contraction of the uterus. M. S. Grigorian. Dokl. AN Arm. SSR 9 no. 4:187-191 '48.

ACETYLENE

Acetylene derivatives. Part 174. Condensation of aldehydes and ketones with acetylene under pressure. Part 2. I. N. Nazarov, I. L. Kotliarevskii, V. F. Riabchenko. Izv. AN SSSR. Otd. khim. nauk no. 6:960-960 Ag '56.

Inquiries into the synthesis and transformations of silicon vinyl compounds. The synthesis of vinylalkyldichlorosilanes by the interaction of alkyldichlorosilanes with acetylene. M. F. Shostakovskii, D. A. Kochkin. Dokl. AN SSSR 109 no. 1:113-116 Jl-Ag '56.

Research in the field of conjugate systems. Part 65. Hydrogenation of vinylalkylacetylenes in the presence of colloidal palladium. Kh. V. Bal'ian, A. A. Petrov, IU. I. Porfir'eva. Zhur. ob. khim. 26 no. 7:1026-1035 Jl '56.

ACETYLENE COMPOUNDS

The Iotsich reaction. L. D. Bergel'son. Reakts. org. soed. 4:7-158 '56.

ACETYLENEDICARBOXYLIC ACID

Condensation of diene hydrocarbons with acetylenedicarboxylic acid and with its methyl ester. N. P. Sopov, V. S. Miklashevskaia. Zhur. ob. khim. 26 no. 7:1014-1018 Jl '56.

ACID-BASE EQUILIBRIUM

Modification in the alkaline reserve during oxygen therapy of pulmonary emphysema with respiratory insufficiency. V. A. Grigor'eva. Terap. arkh. 28 no. 5:47-56 '56.

ACIDS, FATTY

Certain reactions for the condensation of esters of aliphatic nitrocarboxylic acids. V. M. Belikov. Izv. AN SSSR. Otd. khim. nauk no. 7:855-862 Jl '56.

Conversions of mercapto amino acids. Part II. $\alpha,\beta$-disubstituted- $\alpha$-acylaminocarboxylic acids. O. V. Kil'disheva and others. Izv. AN SSSR. Otd. khim. nauk no. 7:834-842 Jl '56.

Decarboxylation of $\alpha$-acylamino-$\beta$-halosubstituted carboxylic acids. O. V. Kil'disheva and others. Izv. AN SSSR. Otd. khim. nauk no. 7:850-854 Jl '56.

Effect of the composition of paraffins on the yield and quality of synthetic fatty acids obtained from them. N. K. Mankovskaia, I. V. Barsegian, G. I. Moskvina. Masl. zhir. prom. 22 no. 6:20-24 '56.

Production of toilet soaps with 80% of fatty acids. L. A. Klepikov. Masl.-zhir. prom. 22 no. 6:17-18 '56.

Reactions in carboxylic acid - thionyl chloride systems. New type of cationic catalysis. M. IA. Kraft, V. V. Katyshkina. Dokl. AN SSSR 109 no. 2:312-314 Jl '56.

Research in the stereochemistry of cyclic compounds. Part II. Stereochemistry of $\Delta^9$-octalin-1, 2-dicarboxylic acids. I. N. Nazarov, V. F. Kucherov, V. M. Andreev. Izv. AN SSSR. Otd. khim. nauk no. 7:817-826 Jl '56.

ACIDS, INORGANIC

Conductance in aqueous solutions of acid-salt systems. I. D. Muzyka. Zhur. neorg. khim. 1 no. 4:713-719 Ap '56.

Effect of the nature of acids on the composition of fresh zirconium-iodate precipitates. M. I. Konarev and others. Zhur. neorg. khim. 1 no. 3:392-399 Mr '56.

ACIDS, ORGANIC

Assimilation of organic compounds by purple bacteria in the presence of light [with English summary in insert]. E. N. Kondrat'eva. Mikrobiologiia 25 no. 4:393-400 Jl-Ag '56.

Effect of substances of the tricarbon cycle on oxidation in regenerating tissues. L. I. Palladina, A. M. Hudina. Ukr. biokhim. zhur. 28 no. 3:329-337 '56.

Reaction of dicyandiamide with caproic, isoheptanoic, stearic, and azelaic acids [in Armenian with summary in Russian]. M. T. Dangian, S. G. Titanian. Nauch. trudy Erev. un. no. 53:27-32 '56.

Reaction of trialkylphosphite addition to certain unsaturated acids. Gil'm Kamal, V. A. Kukhtin. Dokl. AN SSSR 109 no. 1:91-93 Jl-Ag '56.

ACORNS
(see also subdivision under Moldavia)

Bees and the seed quality of acorns. N. M. Kurennoi, G. B. Ankinovich. Pchelovodstvo 33 no. 9:43-46 S '56.

Feeding of the common mallard on acorns. V. P. Teplov. Zool. zhur. 35 no. 8:1264-1265 Ag '56.

ACRIDINE

Research in the field of the chemistry of heterocycles. Part 25. Synthesis of 9-phenylacridine from acyl derivatives of 2-amino-triphenylcarbinol. P. A. Petiunin, N. G. Panferova, M. E. Konshin. Zhur. ob. khim. 26 no. 7:2050-2052 Jl '56.

ACROBATICS

Ignashenko, A.M. [Acrobatics; a textbook for physical culture groups] Akrobatika; uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 206 p.

ACROLEIN

"Metallic" model applied to the acrolein molecule. T. N. Rekasheva. Zhur. fiz. khim. 30 no. 6:1278-1281 Je '56.

ACTING

Regardless of roles. Teatr 17 no. 9:158-159 S '56.

ACTING—MAKE-UP see Make-up, Theatrical

ACTINIDIA see subdivision under Soviet Far East

ACTINOMYCES

A comparative study of catalase activity and of some other biochemical indexes of phage-susceptible and phage-resistant forms of Actinomyces [with English summary in insert]. A. I. Sokolova, IA. I. Rautenshtein. Mikrobiologiia 25 no. 4:466-470 Jl-Ag '56.

Fluorescence microscopy in determining live and dead cells of Actinomyces. N. A. Krasil'nikov, M. N. Bekhtereva. Mikrobiologiia 25 no. 3:278-285 My-Je '56.

Nucleic acids and phosphorus compounds in the mycelium of Actinomyces aureofaciens at various stages of development. M. A. Guberniev, N. A. Ugoleva, L. I. Torbochkina. Antibiotiki 1 no. 3:8-11 My-Je '56.

On factors influencing the occurrence of Actinomyces which produce antibiotic substances [with English summary in insert]. I. Szabó. Mikrobiologiia 25 no. 4:442-450 Jl-Ag '56.

Variability and variants of the albomycin-producing actinomyces subtropicus. G. F. Gauze, G. V. Kochetkova. Dokl. AN SSSR 108 no. 6:1179-1181 Je '56.

ACTINOMYCES LONGISPORUS

Separation of a new antibiotic longisporin and the study of its chemistry. G. P. Men'shikov, M. M. Rubinshtein. Zhur. ob. khim. 26 no. 7:2035-2039 Jl '56.

ACTINOMYCOSIS

Pathogenesis, diagnosis and treatment of cervicofacial actinomycosis [with summary in English, p. 160]. L. R. Balon. Vest. khir. 77 no. 7:103-111 Jl '56.

ACTIVATED CARBON see Carbon, Activated

ACTORS
(see also subdivision under Moscow)

Young movie actors. S. Kuznetsov. Kinomekhanik no. 8:11-14 Ag '56.

ACUPUNCTURE

Youth of ancient medicine. Znan. sila 31 no. 9:34-35 S '56.

ACYL GROUPS

Some new data on the exchange of acid residues in compounds of the $K_2$ [PdX4] type. A. A. Grinberg, L. E. Nikol'skaia, N. V. Kiseleva. Zhur. neorg. khim. 1 no. 2:220-224 F '56.

ADDISON'S DISEASE

Addison's disease of brucellosis origin. M. A. Alekperov. Probl. endok. i gorm. 2 no. 3:62-63 My-Je '56.

ADENOIDS, POSTNASAL see Nasopharynx—Adenoid vegetations

ADENOSINETRIPHOSPHATASE

Adenosinetriphosphatase activity and mobility in plants. B. F. Poglazov. Dokl. AN SSSR 109 no. 3:597-599 Jl '56.

Comparative study of inactivation temperature of muscle adenosinetriphosphatase in Bufo bufo L. and Bufo bufo verrucosissima Pall. N. S. Panteleeva, B. P. Ushakov. Dokl. AN SSSR 109 no. 1:164-166 Jl-Ag '56.

Effect of ascorbic acid on the activity of adenosinetriphosphatase in the heart and skeletal muscles of guinea pigs [with French summary in insert]. V. E. Sokolova. Biokhimiia 21 no. 4:465-468 Jl-Ag '56.

ADENOSINETRIPHOSPHORIC ACID

Adenosinetriphosphoric acid content of muscles of the hind extremities of rabbits during the development of collateral blood circulation. O. R. Radzilevs'kyi. Ukr. biokhim. zhur. 28 no. 3:323-328 '56.

ADHESION

Adhesion of high polymers. Part 2. Development of a method for determining the reciprocal adhesion of high polymers. A. I. Shapovalova, S. S. Voiutskii, A. P. Pisarenko. Koll. zhur. 18 no. 4:485-493 Jl-Ag '56.

ADHESIVES

Adhesives for insulating materials. E. V. Iskra. Sudostroenie 22 no. 8:22-25 Ag '56.

New adhesive materials for the footwear industry. B. IA. Kazanovich. Leg. prom. 16 no. 7:50-51 Jl

ADIPIC ACID

The action of 4-aminopteroylaminoadipic acid, a new antagonist of folic acid and aminopterin, on 45 and M-1 rat sarcoma [with summary in English]. V. A. Kirsanova, N. A. Vodolazskaia. Vop. onk. 2 no. 3:329-331 '56.

Effect of 4-aminopteroylaminoadipic acid on the rate of biosynthesis and the nucleic acid content of tissues of mice with implanted acute lymphatic leucosis. V. A. Kirsanova, A. A. Tustanovskii. Vop. med. khim. 2 no. 4:272-277 Jl-Ag '56.

ADIPOSE TISSUES

Adipose tissue in the stroma of the mammal gland in cattle foetus. V. M. Gorbunov. Dokl. AN SSSR 108 no. 5:941-943 Je '56.

ADMINISTRATION, AGRICULTURAL see Agricultural administration

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE LAW

Legality in the acts of Soviet governmental offices. I. N. Pakhomov. Nauk. zap. L'viv. un. 27:33-41 '54.

ADOLESCENCE

Changeableness of temperament in children and adolescents. T. G. IAkushova. Vop. psikhol. 2 no. 4:106-115 Jl-Ag '56.

ADRENAL CORTEX

Effect of light on the peripheral eosinophile count and on adrenal function. I. A. Eskin, G. M. Vidavskaia. Probl. endok. i gorm. 2 no. 1:82-87 Ja-F '56.

Functional condition of the adrenal cortex in patients with thyrotoxicosis. E. Z. Gincherman. Probl. endok. i gorm. 2 no. 2:23-30 Mr-Ap '56.

ADRENAL CORTEX—TUMORS

Adrenal cortex adenoma with an adrenogenital syndrome. L. D. Krymskii. Probl. endok. i gorm. 2 no. 2:117-120 Mr-Ap '56.

Diagnosis of an adrenal cortex tumor by chemical methods. V. P. Parini, E. L. Belikhova. Probl. endok. i gorm. 2 no. 3:93-95 My-Je '56.

ADRENAL GLANDS

Development of O. O. Bohomolets's theories in the field of endocrinology. V. P. Komisarenko. Fiziol. zhur. [Ukr.] 2 no. 3:31-37 My-Je '56.

Hypophysis - adrenal cortex. E. I. Tarakanov. Klin. med. 34 no. 7:93-95 Jl '56.

Method for determining corticosteroids in the adrenal glands and in blood leaving them. N. A. IUdaev, IU. A. Pankov, K. V. Druzhinina. Probl. endok. i gorm. 2 no. 3:100-109 My-Je '56.

ADRENAL GLANDS—EXCISION

Effect of adrenalectomy on some features of carbohydrate metabolism in the brain and muscles. T. K. Valuieva, I. P. Maieva's'ka. Fiziol. zhur. [Ukr.] 2 no. 3:164-168 My-Je '56.

ADRENAL GLANDS—TUMORS

Virilizing tumor of the adrenals. A. A. Atabek, M. M. Desiatov. Probl. endok. i gorm. 2 no. 2:114-116 Mr-Ap '56.

ADRENALINE

Effect of choline and cotamine on the oxidation of adrenaline. V. G. Mkhitarian, V. B. Eglian. Dokl. AN Arm. SSR 11 no. 1:19-23 '49.

ADRENALINE (Continued)
Oxidation and metabolism of adrenaline in the adrenals and kidneys and the neural regulation of these processes. Report no. 2: Effect of urea and tyramine on the oxidation of adrenaline. A. V. TSukernyk. Ukr. biokhim. zhur. 28 no. 3:338-353 '56.
Participation of oxypurines in adrenaline exchange. Part 3. Effect of oxypurines on the oxidation of pyrocatechin and adrenaline in the presence of phenolase. G. Kh. Buniatian, V. G. Mkhitarian, V. B. Egiian. Dokl. AN Arm. SSR 10 no. 4:167-171 '49.

ADRENALINE--PHYSIOLOGICAL EFFECT
Effect of vegetative poisons on the secretion of bile during the postembryonal period of the organism. I. A. Medianik. Dop. to pov. L'viv. un. no. 5, pt. 2:36-39 '55.
Studying the effect of various adrenalin concentrations on the vitality of muscle-nerve preparation. I. G. Validov. Nauk. zap. Kiev. un. 8 no. 7:281-290 '50 [i.e. '49].

ADSORPTION
Adsorption method study of silicate catalyst aging during calcination and steam treatment. E. K. Mankash, S. I. Molchanova, V. V. Shchekin. Trudy Inst. neft. 8:120-130 '56.
Adsorption of gases by asbestos. V. P. Rozhdestvenskii. Geokhim. met. polsk. nefti i gaza no. 2:55-59 '54.
Adsorption of sulfite liquor in DDT emulsions. S. F. Bezuglyi. [Trudy] NIUIF no. 150:147-154 '55.
Valuable monograph ("Chromatographic adsorption analysis and its development," N. F. Ermolenko. Reviewed by F. M. Shemiakin). Vestn. AN SSSR Ser. fiz.-tekh. nav. no. 1:139-140 '50.

ADVANCE WAGES see Wages--Advances

ADVERTISING--BOOKS
(see also subdivision under Baku; Czechoslovakia)
We use visual aids. L. Rozina. Klub 6 no. 9:22-23 S '56.

ADVERTISING--THEATERS
What do you know about the new play? Teatr 17 no. 9: 159-160 S '56.

ADYGE AUTONOMOUS PROVINCE--TECHNICAL EDUCATION
In the Adyge Autonomous Province. Sov. pedag. 20 no. 8:126-127 Ag '56.

AERIAL PHOTOGRAMMETRY
(see also subdivision under Caucasus, Northern; Ukraine)
Aerial photographic study of the meandering process of river curves. I. V. Popov. Trudy Ukr. NIGMI no. 3: 151-155 '55.
Aerial phototopographic surveys of cities. V. A. Krumelis. Geod. i kart. no. 1:38-40 Mr '56.
History of the development of Russian aerial photographic surveying. D. I. Kurlin. Geod. i kart. no. 3:65-67 My '56.
Increasing the interpretability of color shots. V. IA. Mikhailov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:70 Ja-F '56.
Method of compiling plans of a region on the basis of aerial photographs using an alternating base line. IA. I. Gebgart. Geod. i kart. no. 2:40-45 Ap '56.
SPR-2 stereophotogrammetric instrument. G. P. Zhukov. Geod. i kart. no. 1:49-55 Mr '56.

AERIAL PHOTOGRAPHIC SURVEYING see Aerial photogrammetry

AERIAL PHOTOGRAPHY see Photography, Aerial

AEROBIC BACTERIA see Bacteria, Aerobic

AERODYNAMICS, SUPERSONIC
Put supersonics at the service of civil aviation. V. Poliakov. Grazhd. av. 13 no. 8:23-25 Ag '56.

AERONAUTICS
Over the Sea of Okhotsk. K. TSypinkov. Grazhd. av. 13 no. 8:17 Ag '56.

AERONAUTICS--STUDY AND TEACHING
Method of flight training following approach and landing radio beacons. S. Peshkov. Grazhd. av. 13 no. 8:9-11 Ag '56.
They train for flights without flight engineers. Grazhd. av. 13 no. 8:12 Ag '56.

AERONAUTICS, COMMERCIAL
(see also subdivision under Bulgaria; Ukraine)
Brief news. Grazhd. av. 13 no. 8:30 Ag '56.
Diary of civil aviation. Grazhd. av. 13 no. 8:30 Ag '56.
Dissemination of progressive practice is an obligatory and not a voluntary matter. N. Ochnov. Grazhd. av. 13 no. 8:1-2 Ag '56.
Radar sets on commercial airplanes. E. Voroscteskii. Grazhd. av. 13 no. 8:26-28 Ag '56.
Readers suggest. Grazhd. av. 13 no. 8:19 Ag '56.
What the practice of flying without flight engineers teaches us. P. Davydov and others. Grazhd. av. 13 no. 8:32-33 Ag '56.
Work results of the Air Fleet subdivisions for the first half of the year. Grazhd. av. 13 no. 8:3 Ag '56.

AERONAUTICS, COMMERCIAL--FREIGHT
How we lower costs in transportation. V. Turkestanskii. Grazhd. av. 13 no. 8:4-6 Ag '56.

AERONAUTICS, COMMERCIAL--TIME-TABLES see Air lines--Time-tables

AERONAUTICS, RADAR IN see Radar in aeronautics

AERONAUTICS IN AGRICULTURE
(see also subdivision under Kirghizistan)
Airplane dusting of grain in Kuban. I. A. Sytyi. Zashch. rast. ot vred. i bol. 1 no. 2:25-27 My-Je '56.
For a high quality of airplane dusting. I. V. Sazonov. Zashch. rast. ot vred. i bol. 1 no. 2:13-14 My-Je '56.
Use of airplanes in growing flax. V. M. IAs'ko. Len. i konop. no. 3:38-40 My '56.
Winged helpers. A. M. Kiriukhin. Nauka i zhizn' 23 no. 9:28 S '56.

AERONAUTICS IN FORESTRY
Aerial survey of elks based on spoors. B. T. Semenov. Trudy VNIO no. 16:72-88 '56.

AERONAUTICS IN GEOLOGY
Aerial prospectors of the earth's interior. A. Sinel'nikov. Znan. sila 31 no. 8:14-16 Ag '56.

AERONAUTICS IN HUNTING
Hunting from airplanes. I. Chernovolenko. Okh. i okh. khoz. no. 8:17 Ag '56.

AEROPLANES see Airplanes

AEROSOLS
Interdepartment conference on aerosols. G. K. Zashch. rast. ot vred. i bol. 1 no. 2:63 My-Je '56.
Results of treating diphtheria with penicillin tablets and aerosols. L. N. Deviatova. Zhur. mikrobiol. epid. i immun. 27 no. 9:86-90 S '56.

AESTHETICS
The aesthetic elements of reality. L. N. Stolovich. Vop. filos. no. 4:73-82 '56.
Beauty and the standard. G. Borisovskii. Novyi mir 32 no. 8:223-235 Ag '56.
The Central State Archives of the Literature and Art of the U.S.S.R. (1941-1956). V. I. Popov, N. D. Chernikov. Ist. arkh. no. 4:229-234 Jl-Ag '56.

AESTHETICS--STUDY AND TEACHING
The aesthetic outlook of students. IU. V. Sharov. Sov. pedag. 20 no. 9:31-45 S '56.

AFFORESTATION
Deep plowing is the basic method of preparing the soil for afforestation. V. F. Kol'tsov. Zemledelie 4 no. 9: 46-53 S '56.

AFGHAN LANGUAGE--PRONOUN
Demonstrative pronouns in the Afghan (Pashto) language. V. A. Livshits. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:121-140 '56.

AFGHANISTAN--FOREIGN RELATIONS--RUSSIA
An Afghan mission in Kazakhstan. S. S. Golubiatnikov, V. S. Poznanskii. Ist. arkh. no. 4:249-251 Jl-Ag '56.

AFGHANS see subdivision under Soviet Central Asia

AFINOGENOV, ALEKSANDR NIKOLAEVICH, 1904-1941
Afinogenov's plays on the Czechoslovak stage. P. Shchekotov. Slaviane no. 10:20-21 O '56.

AFRICA
Kartun, Derek. [Africa, Africa! A continent rises to its feet. Translated from the English] Afrika, Afrika! Probuzhdaiushchiisia kontinent. Perevod s angliiskogo A. Nikolaeva. Vstup. stat'ia I. Potekhina. Moskva, Izd-vo inostrannoi lit-ry, 1955. 125 p.

AFRICA--COLONIES--ECONOMIC CONDITIONS
Certain changes in the economy of colonial Africa [with English summary in insert]. A. IU. Shpirt. Sov. vostokoved. no. 4:135-143 '56.

AFRICA--DEFENSES
Plans for creating an "African NATO." Mezhdunar. zhizn' no. 9:116-117 S '56.

AFRICA--FRENCH COLONIES
Skorov, G.E. [French imperialism in West Africa] Frantsuzskii imperializm v Zapadnoi Afrike. Moskva, Gos. izd-vo polit. lit-ry, 1956. 222 p.

AFRICA--FRENCH COLONIES--TRADE UNIONS
In the process of forming a new trade-union confederation in French Africa. Vsem. prof. dvizh. no. 7:27-30 Jl '56.

AFRICA--PHYSICAL GEOGRAPHY
"Africa: Physical geography sketch," "Australia and Oceania." S. T. Belozerov. Reviewed by IU. D. Dmitrevskii. Izv. Vses. geog. ob-va 88 no. 4:394-396 Jl-Ag '56.

AFRICA, NORTH--ECONOMIC CONDITIONS
Arab countries on the road toward economic independence [with summary in English]. V. Poliakov. Vnesh. torg. 26 no. 9:3-7 S '56.
On the path of independence. S. Vishnevskii. Krest'ianka 35 no. 10:9-11 O '56.

AFRICA, NORTH--POLITICS
National resurgence of the peoples in the Arab East. G. Nikitina. Nov. vrem. 14 no. 42:3-6 O '56.
North Africa through the eyes of a Frenchman. Paul Marie de la Gorce. V zashch. mira no. 64:13-22 S '56.

AFRICA, SOUTH--DESCRIPTION AND TRAVEL
Livingstone, David. [Journeys and explorations in South Africa from 1840-1855] Puteshestviia i issledovaniia v IUzhnoi Afrike s 1840 po 1855. [Perevod s angliiskogo N. M. Pul'khitudova.] Moskva, Gos. izd-vo geogr. lit-ry, 1955. 390 p.
(OCI)

AFRICA, SOUTH--NATIVE RACES
The struggle in South Africa [with English summary in insert]. Basil Davidson. Sov. vostokoved. no. 4:45-58 '56.

AFRICA, UNION OF SOUTH see South Africa, Union of

AGAVE see subdivision under Krasnodar

AGE
Changes in the blood and bone marrow depending on age; experimental investigation. N. D. IUdina. Fiziol. zhur. [Ukr.] 2 no. 3:78-91 My-Je '56.
Motylianskaia, It.E. [Sports and age] Sport i vozrast. Moskva, Medgiz, 1956. 301 p.
(DAFM)

AGGLUTINANTS see Adhesives

AGGLUTINATION
Simplified method for an immunological diagnosis of helminthiases. Report no. 2: Use of the agglutination reaction with carmine for the early diagnosis of ascariasis among children. E. S. Leikina, V. I. Zorikhina. Med. paraz. i paraz. bol. 25 no. 3:245-248 Jl-S '56.

AGGREGATES
Determination of a finite set and the deductive incompleteness in the theory of sets. B. A. Trakhtenbrot. Izv. AN SSSR. Ser. mat. 20 no. 4:559-582 Jl-Ag '56.
The length of an always discontinuous set of points. I. N. Pesin. Dop. ta pov. L'viv. un. no. 5, pt. 2:97 '55.
Separability of recursive enumerable sets. A. A. Muchnik. Dokl. AN SSSR 109 no. 1:29-32 Jl-Ag '56.
Sieve-method correlations with the Riemann's $\zeta$-function. A. I. Vinogradov. Vest. Len. un. 11 no. 13:142-143 '56.

AGRANULOCYTOSIS
Use of ACTH in agranulocytosis. A. M. Raskin. Probl. endok. i gorm. 2 no. 1:69-74 Ja-F '56.

AGREEMENTS see Contracts

AGRICOLA, GEORG, 1494-1555
G. Agricola's works on mining. I. P. Zhavoronkova, S. V. Shukhardin. Vop. ist. est. i tekh. no. 1:137-146 '56.
Geology in Agricola's works. V. V. Tikhomirov, IU. IA. Solov'ev. Vop. ist. est. i tekh. no. 1:146-150 '56.

AGRICULTURAL ADMINISTRATION
Kommunisticheskaia partiia Sovetskogo Soiuza. TSentral'nyi Komitet. [Changes in the practice of agricultural planning; the decree of the Central Committee of the Communist Party of the Soviet Union and the Council of Ministers of the U.S.S.R., March 9, 1955] Pro zminu praktyky planuvannia sil's'koho hospodarstva; postanova TSentral'noho Komitetu KPRS i Rady Ministriv SRSR 9 bereznia 1955 roku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1955. 13 p.

AGRICULTURAL CHEMICALS
Conference on defoliation. N. N. Mel'nikov. Khim. prom. no. 3:184 Ap-My '56.
Increase the effectiveness of agricultural chemicals. Zashch. rast. ot vred. i bol. 1 no. 2:5-7 My-Je '56.
New solutions for preharvest defoliation of cotton. F. Mauer, L. Abramova. Khlopkovodstvo 6 no. 8: 24-27 Ag '56.

AGRICULTURAL CHEMISTRY
(see also subdivision under Krasnokholm District)
Efforts of the agrochemical laboratory of a machine-tractor station in increasing crop yields. K. Vagner. MTS 16 no. 8:10-11 Ag '56.
Letter to the editor from workers of the Scientific Research Institute of Cotton Growing. Pochvovedenie no. 6:127-128 Je '56.

AGRICULTURAL CREDIT
The influence of agricultural credit on the electrification of collective farms. L. Braginskii. Vop. ekon. no. 9:63-72 S '56.

AGRICULTURAL CREDIT (Continued)
Our practice in issuing credit to collective farms. F. Aimaletdinov. Den. i kred. 14 no. 9:37-42 S '56.

AGRICULTURAL EDUCATION see subdivision under Fukien Province

AGRICULTURAL EXHIBITIONS see subdivision under Moscow; Verona

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Great Britain

AGRICULTURAL IMPLEMENTS
Chopping green feed for poultry. I. Radzievskii. MTS 16 no. 8:38 Ag '56.
Defect in the construction of harrows. E. Sumanov. MTS 16 no. 8:43 Ag '56.
Efficient methods of harvesting fruits. V. E. Zel'tser. Sad i og. no. 8:57-58 Ag '56.
Tractor-mounted tillage implements and the effectiveness of their use. A. Erkaev, I. Eroshkin, Tokhsov. MTS 17 no. 12:5-9 Je '56.

AGRICULTURAL LABORERS
Diagilev, N. P. [Behind the wheel of a truck] Za rulem gruzovoi mashiny. [Moskva] Profizdat, 1955. 62 p. (Rasskazy novatorov)
(DA)
In the name of Khristo Botev. A. Serbin. Ogonek 34 no. 39:8 S '56.

AGRICULTURAL LAWS AND LEGISLATION
Legal regulation of land organization within collective farms. V. O. Tenenbaum. Sov. gos. i pravo no. 6:52-59 '56.
Legal regulation of organization and wages on collective farms. P. D. Indychenko. Nauk. zap. Kiev. un. 14 no. 7:19-38 '55.
Material changes in the legal regulation of the economic activity of collective farms in the U. S. S. R. I. V. Pavlov. Sov. gos. i pravo no. 4:39-49 '56.
Responsibility of machine-tractor stations for the failure to fulfill their contracts with collective farms. V. Z. IAnchuk. Nauk. zap. Kiev. un. 14 no. 7:39-55 '55.

AGRICULTURAL MACHINERY
(see also subdivision under Great Britain; Kiev; Moscow Province)
Compare and make your conclusions. M. Novakova. Kul't.-pros. rab. 17 no. 9:52-54 S '56.
Designing rotating parts used in the removal of surface layers in cutting firebreaks. I. M. Zagorskii. Sel'khozmashina no. 8:15-18 Ag '56.
How to process millet. E. Voronov, K. Butanov, Kolkh. proizv. 16 no. 8:34-35 Ag '56.
Machine operators improve the design of agricultural equipment. IU. Krechun. Kolkh. proizv. 16 no. 8:29-30 Ag '56.
Machinery used for land improvement at machine-tractor stations. D. Lastochkin. MTS 16 no. 9:16-18 S '56.
Machines for gathering straw after combine harvesting S. I. Shevchenko and others. Nauka i pered. op. v sel'khoz. no. 7:45-48 Jl '56.
Mechanizing fall work on pastures and meadows. A. Dalin. Kolkh. proizv. 16 no. 9:37 S '56.
New high-capacity LOS-0,8 machine for cleaning the seed of fiber flax. V. A. Vakhrameev. Sel'khozmashina 6
-al machinery. '56. cul-
179-211 '55.
Reconstructed VUM-60 machine. V. Babenko. MTS 16 no. 9:32 S '56.
Take good care of machinery. K. Luferov. Prof.-tekh. obr. 13 no. 8:8 Ag '56.
Today and tomorrow in agricultural technology. V. S. Demin. Nauka i pered. op. v sel'khoz. no. 8:65-67 Ag '56.
Tooth harrow and weeder for cultivating potatoes. S. Gnedin. MTS 16 no. 8:29-30 Ag '56.
What our constructors are working on. N. Depta. Khlopkovodstvo 6 no. 8:48-51 Ag '56.

AGRICULTURAL MACHINERY—REPAIRING
Book for repair shop workers of machine-tractor stations ("Machine-tractor station mechanics and repair shop workers." M. S. Burlevyi and others. Reviewed by P. Guzev). MTS 16 no. 9:45 S '56.
Improve the planning, organization and technology of repair work at machine-tractor stations. MTS 16 no. 9:1-3 S '56.
Maklenko, N. L. and others. [Machine-shop practice and a fundamental knowledge of materials] Slesarnoe delo s osnovami materialovedeniia. Izd. 2-oe. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 414 p.
Production norms and labor productivity in repair shops. S. Pindiuk. MTS 16 no. 9:10-11 S '56.
Rozhentsov, V. A., and L. G. Turkel'. [The repair of agricultural machinery] Remont sel'skokhoziaistvennykh mashin. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 263 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
Shortcomings in organizing the repair of machinery at machine-tractor stations. V. Gerutskii. MTS 16 no. 9:22 S '56.

AGRICULTURAL MACHINERY—SAFETY MEASURES see Agriculture—Safety measures

AGRICULTURAL MACHINERY INDUSTRY see subdivision under China

AGRICULTURAL PESTS
Controlling diseases and pests of stored produce. P. D. Rumiantsev. Zashch. rast. ot vred. i bol. 1 no. 3:7-9 Jl-Ag '56.

AGRICULTURAL POLICY
Polska zjednoczona partia robotnicza. Komitet Centralny. [Development of agriculture during 1956-1960 and the tasks of the Party in rural areas; decisions of the fifth Plenum... February 1956] O razvitii sel'skogo khoziaistva v 1956-1960 gg. i zadachakh partii v derevne; postanovlenie V plenuma..., fevral' 1956 g. Moskva, Gos. izd-vo polit. lit-ry, 1956. 45 p.
Twentieth Congress of the Communist Party of the Soviet Union and tasks of the Academy. G. M. Loza. Izv. TSKhA no. 1:5-14 '56.

AGRICULTURAL RESEARCH
(see also subdivision under Karelia; Rumania; Stavropol Territory)
All-Union conference of agricultural scientific workers. Veterinariia 33 no. 9:8-12 S '56.
The construction of science to production. Nauka i pered. op. v sel'khoz. no. 9:24 S '56.
The contribution of science to production. Nauka i pered. op. v sel'khoz. no. 7:54-55 Jl '56.
The contribution of science to production. Nauka i pered. op. v sel'khoz. no. 8:50-51 Ag '56.
From the work of the Isotope and Radiation Section of the All-Union Conference of Workers of Agricultural Science. Khlopkovodstvo 6 no. 8:63 Ag '56.
Honorable duty of game management specialists. Okh. i okh. khoz. no. 8:3-5 Ag '56.
Increase the role of Soviet science in agriculture. Khlopkovodstvo 6 no. 9:5-8 Ag '56.
Make conditions suitable for scientific work. G. S. Davtian. Nauka i pered. op. v. sel'khoz. no. 9:11-12 Ag '56.
On the subject of the radical reorganization of agricultural science. Nauka i pered. op. v sel'khoz. no. 7:2-3 Jl '56.
What is hindering scientific research in institutions of higher education. G. M. Loza. Nauk i pered. op. v sel'-khoz. no. 9:8-9 Ag '56.

AGRICULTURAL RESEARCH—CONGRESSES
All-Union Conference of Agricultural Scientists. Nauka i pered. op. v sel'khoz. no. 7:8-11 Jl '56.

AGRICULTURE
(see also subdivision under Altai Territory; Armenia; Astrakhan; Bulgaria; Ceylon; China; Kazakhstan; Khakass Autonomous Province; Kirovograd Province; Gzhatsk; North Kazakhstan; Novokhopersk District; Polesye; Siberia; Soviet Far East; Ukraine; Uzbekistan; White Russia)
[Agriculture abroad; translations and surveys of foreign periodical literature] Sel'skoe khoziaistvo za rubezhom 2 no. 5 '56. 176 p.
Atomic energy in agriculture. S. S. Rzhishchev, V. S. Ateshin. Nauka i pered. op. v sel'khoz. no. 8:68-72
e and life ("Instruction staff of a district committee of the Communist Party of the Soviet Union; collection of articles." Reviewed by G. Kuznetsov). Part. zhizn' no. 15:76-78 Ag '56.
A country where nothing is impossible. Archie Johnston. Ogonek 34 no. 39:24 S '56.
Educational institutions aid a collective farm. Prof.-tekh. obr. 13 no. 9:27 S '56.
Important element in the organizational work of rural Communist Youth League members. Mol. komm. 14 no. 8:28-34 Ag '56.
Important problems of science and everyday practice. P. P. Lobanov. Nauka i pered. op. v sel'khoz. no. 7:4-7 Jl '56.
Increasing agricultural production. A. Makarov. MTS 16 no. 8:4-7 Ag '56.
Introduce correct cultivation methods on every collective farm. Zemledelie 4 no. 9:3-6 S '56.
Letters from collective farms. Kolkh. proizv. 16 no. 8:43-46 Ag '56.
Machine-tractor-station lecture groups. K. Grishin. Komm. Kazakh. 26 no. 10:29-31 O '56.
On virgin soil upturned. V. Malygin. Smena 33 no. 16:10-11 Ag '56.
Practical recommendations for the national economy. L. I. Pazluk. Vest. vys. shkoly 14 no. 9:57-58 S '56.
Sapukhin, A. [Socialist competition of agricultural workers in two districts; experience in the organization and supervision of socialist competition between Kiev-Sviatoshino District, Kiev Province, and Ramenskoye District, Moscow Province] Sotsialisticheskoe sorevnovanie truzhenikov sel'skogo khoziaistva dvukh raionov; iz opyta organizatsii i rukovodstva sotsialisticheskim sorevnovaniem mezhdu Kievo-Sviatoshinskim raionom, Kievskoi oblasti, i Ramenskim raionom, Moskovskoi oblasti. Kiev, Gos. izd-vo polit. lit-ry USSR, 1956. 110 p.
Successfully fulfill the plan for the procurement of agricultural products. Kolkh. proizv. 16 no. 8:1-2 Ag '56.
To workers on new lands. Sov. Soiuz no. 9:4 S '56.
Urgent tasks in agriculture. P. P. Lobanov. Dokl. Akad. sel'khoz. 21 no. 7:3-10 '56.
We are making preparations for the wintering of livestock. P. Tolochkin. Kolkh. proizv. 16 no. 9:30-31 S '56.
What the collective farm has gained from the use of virgin and idle lands. V. Nikolaev. Kolkh. proizv. 16 no. 9:3-4 S '56.
What the conquerors of waste lands are concerned about. Nauka i pered. op. v sel'khoz. no. 7:87-90 Jl '56.
Young patriots on virgin lands. Prof.-tekh. obr. 13 no. 9:1-2 S '56.

AGRICULTURE—ABSTRACTS
[Agriculture; systematical index of articles in foreign periodicals.] Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh no. 7 '56. 78 p.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES
All-Union Conference of Workers of Agricultural Science. Kolkh. proizv. 16 no. 8:40-42 Ag '56.
All-Union Conference of Workers of Agricultural Science. Sad i og. no. 8:77-78 Ag '56.
From the work of the Isotope and Radiation Section of the All-Union Conference of Workers of Agricultural Science. Khlopkovodstvo 6 no. 8:63 Ag '56.

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under China; Kazakhstan; Kryzhopol' District; Petropavlovsk District)
Calculating the cost of collective farm production. N. S. Morozov, V. M. Zherebilov. Vest. vys. shkoly 14 no. 9:35-37 S '56.
"Economics bulletin" in a rural club. V. Olenin. Kul't.-pros. rab. 17 no. 9:15 S '56.
Growth of the communal economy and managerial initiative of the collective farm. V. Lumiev. Kolkh. proizv. 16 no. 9:5-6 S '56.
Resources for lowering expenses at machine-tractor stations per centner of goods paid in kind. A. Volovik, M. Slavkin. Fin. SSSR 17 no. 9:42-48 S '56.
We are lowering the expenditure of labor per centner of animal products. S. M. Soifer. Sots. tvar. 20 no. 10:12-15 O '56.
Work practices on the Dimitrov Collective Farm ("Collective farm in the struggle for returns." IU. T. Omol'chenko. Reviewed by N. Kolesov, P. Moiseenko). Sots. sel'khoz. 27 no. 9:95-96 '56.

AGRICULTURE—EXPERIMENTATION
(see also subdivision under Moscow)
Without correct methods there cannot be any field experimentation. P. G. Naidin. Nauka i pered. op. v sel'khoz. no. 9:13-15 Ag '56.

AGRICULTURE—HISTORY
(see also subdivision under Turkey; United States)
History of agriculture as practiced by the early Komi-Permyaks. V. A. Oborin. Sov. etn. no. 2:60-75 '56.
Material and technological resources of agriculture in the U. S. S. R. on the eve of all-out collectivization. V. P. Danilov. Vop. ist. no. 7:3-17 Jl '56.
The organization of research in the history of agricultural sciences. L. V. Sazanova. Vop. ist. est. i tekh. no. 1:314-316 '56.

AGRICULTURE—LAWS AND LEGISLATION
Kazantsev, N. D. [The charter of the agricultural artel] Ob ustave sel'skokhoziaistvennoi arteli. Moskva, Gosiurizdat, 1956. 50 p.
(DS)

AGRICULTURE—MAPS
Problems in drawing up provincial and district economic maps of collective farms. A. P. Zolovs'kyi. Nauk. zap. Kiev. un. 13 no. 3:105-116 '54.

AGRICULTURE—PERIODICALS
Regional agricultural journals. G. V. Genov. Nauka i pered. op. v sel'khoz. no. 9:62-63 S '56.

AGRICULTURE—RESEARCH see Agricultural research

AGRICULTURE—SAFETY MEASURES
How we organize work for the control of agricultural accidents. V. I. Ivanov. Fel'd. i akush. 21 no. 8:44-46 Ag '56.

ALDEHYDES

Acetylene derivatives. Part 174. Condensation of aldehydes and ketones with acetylene under pressure. Part 3. I. N. Nazarov, I. L. Kutlinevskii, V. F. Rubchenko. Izv. AN SSSR. Otd. khim. nauk no. 6:960-966 Ag '56.

Experimental amperometric titration of aldehyde by 2-4 dinitrophenylhydrazine [with English summary in insert] E. V. Zolov, Yu. S. Lutikov. Zhur. anal. khim. 11 no. 4: 450-462 Jl-Ag '56.

Hydrogenation of $C_{10}$-$C_{11}$ aldehydes to alcohols. S. Z. Levin, L. S. Diner, A. Z. Karpov. Khim. i tekh. topl. no. 8:6-13 Ag '56.

Molecular rearrangements and intramolecular oxidation-reduction. Isomerization of aldehydes and ketones. S. N. Danilov. Reaktiv. org. soed. 4:159-219 '56.

ALDOLASE

Effect of nucleic acids on the enzymatic functions of proteins. O. P. Chepynoha, I. O. Pavlovs'kyi. Ukr. biokhim. zhur. 28 no. 3:300-309 '56.

ALEKSANDROV, MIKHAIL SERGEEVICH, 1886-

Mikhail Sergeevich Aleksandrov; on his 70th birthday. M. M. Farnosov. Gor. khoz. 30 no. 6:63-64 Ag '56.

ALEKSEYEVKA--TRANSPORTATION, AUTOMOTIVE

Aid from the ministry is needed. A. Semenov. Avt. transp. 34 no. 6:34 Ag '56.

ALEXANDER THE GREAT IN LITERATURE AND ART

Arabic parallel to Chapter 24, Book 3 of the Syriac version of the "History of Alexander the Great." P. G. Bulgakov. Palest. sbor. no. 3:93-97 '56.

ALFALFA

(see also subdivision under Alma-Ata Province; Georgia; Tajikistan; Tien Shan)

Neltakova, L. P. [The significance of alfalfa in irrigated cotton farming] Znachenie lutserny v orositel'nom khlopkovodstve. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1953. 15 p. (Nauchno-populiarnaia biblioteka, no. 7) (DA)

Effect of the growing conditions of alfalfa on its frost resistance and winter hardiness. M. IA. Tregubenko. Nauk. zap. Kiev. un. 11 no. 5, 117-143 '52.

Nitrogen-fixing activity of the nodule bacteria of alfalfa. M. V. Fedorov, K. V. Shvarchkova. Izv. TSKhA no. 1:61-78 '56.

Transforming wild forms of perennial grasses into highly productive varieties. A. M. Konstantinova. Agrobiologiia no. 4:31-39 Jl-Ag '56.

Work of pollinators on alfalfa. E. K. Grinfel'd. Vest. Len. un. 11 no. 15:66-72 '56.

ALFALFA--DISEASES AND PESTS

Alfalfa measuring worm. E. M. Soboleva. Zashch. rast. ot vred. i bol. 1 no. 2:43-45 My-Je '56.

Developing effective methods for combating dodder in alfalfa seeds. S. M. Khamidova. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:119-132 '55.

Disease and pest control on alfalfa seed plots. A. V. Zaprometova. Zashch. rast. ot vred. i bol. 1 no. 3:23-25 Jl-Ag '56.

ALFER'EV, GEORGII PETROVICH, d. 1952

Georgii Petrovich Alfer'ev; obituary. P. N. Tilya'. Nauk. zap. L'vov. un. 36[27:128 '54.

ALGAE

(see also subdivision under Rybnoye Lake; Tajikistan)

Criticism of the flagella theory of the origin of algae. A. V. Tomashevskii. Nauk. zap. Kiev. un. 12 no. 7:115-

ALGEBRA--TEXTBOOKS

Results of testing an experimental textbook of algebra for the sixth grade. V. I. Goncharov. Izv. Akad. ped. nauk RSFSR no. 56:155-160 '54.

ALGEBRA, ABSTRACT

Subdirect unions of models. A. Malt'sev. Dokl. AN SSSR 109 no. 2:264-266 Jl '56.

AIRFIELDS see Fields, Airfields

ALGERIA--GRAIN ELEVATORS

Constructing precast reinforced concrete elevators in Algeria. A. M. Lufakovskii. Mor. tekh. i proektirovanie no. 8:21-25 '56.

ALGORISM

Algorithms and the mechanical solution of problems. D. S. Prokhorenkov. Mat. v shkole no. 5:43-51 '56.

AL-GURJANI, d. 1136

Gurjani. Z. Kh. Bramov. Dokl. AN Tadzh. SSR no. 15 no. 94 '56.

ALI IBN HULAIMAN

The time and locale of the life of Ali ibn Sulaiman (the Karaite writer). A. IA. Shaikevich. Palest. sbor. no. 3 109-114 '56.

ALKALI-HALIDE CRYSTALS--SPECTRA

Measuring the absorption spectra in dyed alkali halide crystals at high temperatures and new data on the transformation of color centers. A. A. Glazkov. Nauch. zap. Kiev. un. 14 no. 2:47 '55.

ALKALI LANDS

(see also subdivision under Chirchik; Tajikistan; Volga Area)

The degree of salinity of upper soil strata on a level as of the depth of ground waters. V. V. Egorov, M. V. Zakhar'ina. Dokl. AN SSSR 102 no. 4:851-853 Ag '55.

Effectiveness of fertilizers when applied to saline-alkaline soils. N. P. Mukhin. Dokl. AN SSSR 103 no. 5:831-834 Ag '55.

ALKALI METALS--ANALYSIS

Rapid method for determining the alkali earth metals in barium glass. L. I. Pantelesova, A. A. Vanin. Nauch. zap. LPI no. 20[101-108 '55.

ALKALI METALS--SPECTRA

Isotope analysis of alkali elements with the aid of a synthetic aluminosilicate ion exchanger. M. M. Tikhomirova and others. Zhur. fiz. khim. 30 no. 8:1751-1755 Ag '56.

ALKALIES

Dynamics of the alkaline deposit effect of heterocyclic fixatives in grain and soil soils. V. V. Popov, M. S. Sadchikov. Uch. zhur. Stalinabad. gos. ped. in-ta 20 no. 2:203-204 '56.

Effect of alkali additives on the action and acidity of bronze copper catalysts. M. F. Vaisberg, P. A. Petrova, L. M. Rapoport. Khim. i tekh. topl. i masel 1 no. 8:75-79 Ag '56.

ALKALINE EARTH METALS--SPECTRA

Isotopic analysis of Ca, Sr, Ba with the aid of a synthetic aluminosilicate ion exchanger. P. A. Akishin and others. Zhur. fiz. khim. 30 no. 8:1747-1750 Ag '56.

ALKALOIDS

Alkaloids from the plantain Plantago asiatica, sp. P. indica. Part 2. A. V. Danilova. Zhur. ob. khim. 26 no. 7:2069-2071 Jl '56.

Alkaloids of Menispermum dahuricum DC. T. N. Ivanchina. Izdat. AN SSSR 103 no. 6:1001-1003 Je '55.

Glycoalkaloids of the nightshade family. K. I. Pelyukhenko. Uch. zap. Gor'k. un. 43 no. 1:19-32 Jl-Ag '56.

Observations on the action of a preparation Rauwolfia serpentina Benth (raunatin) in hypertension. I. I. Bashkirova. Klin. med. 34 no. 8:48-52 Je '56.

Pharmacology of securinine, a new alkaloid. A. P. Orekhov, IA. A. Akishina. Farm. i tokse. 19 no. 4:9-17 Jl-Ag '56.

Study of aconite alkaloids. Part 8. Stability of delphinine with alkalies. A. P. Orekhov. Zhur. ob. khim. 26 no. 7:2001-2006 Jl '56.

Study of alkaloids from the $C_{19}$ series. Part 1. Napelline carpinate. A. P. Sadykov, Kh. A. Ubaidullaev, Kh. M. Kushmuradov. Zhur. ob. khim. 26 no. 7:2006-2009 Jl '56.

ALKANES see Paraffins

ALKENES see Olefins

ALKYL GROUPS

Alkylation and dealkylation of benzene and of its homologs in the presence of aluminosilicates. Kh. G. Mamedaliev, G. M. Mamedaliev. Izv. AN SSSR. Otd. khim. nauk no. 6:985-991 Ag '55.

ALKYLATION

Alkylation of benzene with olefins in the presence of anhydrous aluminum chloride. P. G. Sergeev. Khim. prom. no. 3:144-149 Ap-My '56.

Alkylation of benzene with olefins in the presence of anhydrous aluminum chloride. P. G. Sergeev. Khim. prom. no. 4:293-297 Je '56.

Catalytic alkylation of benzene with propylene and of toluene by butylene at high temperatures and high pressures. I. Ia. Berlin, A. A. Dolgodlin, N. I. Nazarova. Dokl. AN SSSR 103 no. 1:105-108 Jl-Ag '56.

Effect of some inorganic catalysts in the alkylation of benzene by propylene. I. M. Panchenko, M. V. Kurgaeva. Izv. AN SSSR. Otd. khim. nauk no. 8:1009-1015 Ag '56.

ALL-UNION COMMUNIST PARTY (Bol'SHEVIKOV) see Communist Party of the Soviet Union

ALLERGY

Clinical allergic reactions to penicillin. N. I. Tish. Trud. Ast. gos. med. in-ta 10:254-257 '55.

Experimental study of the effect of some allergens in [illegible] Ia. N. Bel'skaia. Mezhd. kongress mikrobiol., epidemiol. i [illegible] 11 no. 2:24-28 '56.

ALLIUM

Some problems of the evolution of the genus Allium. N. V. Friesen, M. A. Fedtsova. Bot. zhur. 41 no. 10:1429-1439 '56.

ALLOYS see Aluminum alloys; Magnesium alloys

ALLOYS, HEAT RESISTANT

Alloys with a high content of refractory metals and their properties. N. V. Ageev, V. I. Arkharov, V. S. Kuznetsov, V. I. Yavoiskii. Izv. AN SSSR. Otd. tekh. nauk no. 8:1360-1362 Ag '56.

Electrical resistivity, thermal conductivity, and stability of heat-resistant alloys. V. I. Arkharov. Nauch. zap. Sverd. un. 14 no. 1:3-11 '55.

Mechanical properties of austenitic steels and alloys. A. I. Sokolovskaia, V. I. Arkharov, V. S. Kuznetsov, V. I. Yavoiskii. Izv. AN SSSR. Otd. tekh. nauk no. 8:1363-1368 Ag '56.

Mechanical properties of heat-resistant alloys containing molybdenum. V. I. Arkharov, V. S. Kuznetsov, V. I. Yavoiskii. Izv. AN SSSR. Otd. tekh. nauk no. 8:1369-1374 Ag '56.

Mechanical properties of heat-resistant alloys containing refractory metals and silicon. V. I. Arkharov, V. S. Kuznetsov, V. I. Yavoiskii. Izv. AN SSSR. Otd. tekh. nauk no. 8:1375-1379 Ag '56.

Study and selection of heat-resistant alloys for gas turbine blades operating at high temperatures. V. I. Arkharov, V. S. Kuznetsov, V. I. Yavoiskii. Izv. AN SSSR. Otd. tekh. nauk no. 8:1380-1386 Ag '56.

Study of phases in the principal systems of nickel-chromium alloys. V. I. Arkharov, V. S. Kuznetsov, V. I. Yavoiskii. Izv. AN SSSR. Otd. tekh. nauk no. 8:1387-1393 Ag '56.

ALLOYS, METALLOGRAPHY

Aluminum alloys of various compositions and their properties. V. I. Arkharov, V. S. Kuznetsov, V. I. Yavoiskii. Izv. AN SSSR. Otd. tekh. nauk no. 8:1394-1399 Ag '56.

ALLOYS--MECHANICAL PROPERTIES

Alimarin, M. P., and others. Heating and cooling of the alloys Pb-Sn-Cd. (Abstract) Zhur. fiz. khim. 30 no. 8:1892-1893 Ag '56.

Type defect in the structure of alloy crystals and its influence on high temperature creep by special example. L. B. Pfeil. Dokl. AN SSSR 109 no. 1:77-80 Jl-Ag '56.

ALLOYS--PHYSICAL PROPERTIES

D. P. Rudenko and P. L. Chmelishenko's article "The use of the MTP and MMP" [Measuring instruments for testing light alloys]." [Letter] L. V. Kozlov, I. M. Bukhanov. Zav. lab. no. 8:89-90 Ag '56.

ALLUVIAL LANDS

Various ecological factors in the comparative development of subtropical plants on the Far Caucasian coastal lowlands. A. F. Sinchuk. Bot. zhur. 41 no. 1:1035-1045 Jl '56.

Gromov, V. V. [Passage of high waters to flood plains in presence of low-pressure dams] Propusk paveodkov po poymam pri maloneprovitsaemykh plotinakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 70 p.

ALLUVIUM

(see also subdivision under Transcaucasia)

On the true surfaces of alluvial terraces of rivers of Transcaucasia. T. S. Kacharava. Dokl. AN SSSR 109 no. 5:

220 Je '56.

ALMA-ATA—BUILDING
Follow-up of material in "Kommunist Kazakhstana." Komm. Kazakh. 29 no. 10:64 O '56.

ALMA-ATA—JOURNALISTS
It shouldn't have occurred. A. Stroganov. Sov. pech. no. 9:54-55 S '56.

ALMA-ATA—OZONE
Ozonometric data for Alma-Ata in comparison with certain meteorological factors. Sh. A. Bezverkhnii. Trudy KazNIGMI no. 5:89-100 '55.

ALMA-ATA—STAPHYLOCOCCUS
Distribution of enterotoxic staphylococcal strains in Alma-Ata. I. L. Kasatkina, V. A. Knizhnikov. Gig. i san. 21 no. 9:96 S '56.

ALMA-ATA PROVINCE—ALFALFA
Some biological characteristics of alfalfa flowering in the piedmont zone of Alma-Ata Province. S. Zh. Isaev. Trudy Inst. bot. AN Kazakh. SSR 3:174-192 '56.

ALMA-ATA PROVINCE—CORN (MAIZE)
Corn in Alma-Ata Province. V. A. Borovskii. Kukuruza 1 no. 2:52-53 My '56.

ALMA-ATA PROVINCE—RICKETTSIA
Some problems of the etiology and epidemiology of rickettsiosis transmitted by mites in Alma-Ata Province. D. S. Arkhangel'skii. Izv. AN Kazakh. SSR. Ser. fizol. i med. no. 7:14 '56.

ALMA-ATA PROVINCE—TREES
Responsiveness of tree and shrub seedlings to fertilizers in forest nurseries of Alma-Ata Province. M. K. Lysenko. Trudy Inst. bot. AN Kazakh. SSR 3:193-202 '56.

ALMALYK—MINE SANITATION
Work of health centers in mines. M. S. Medinskii. Fel'd. i akush. 21 no. 8:46-47 Ag '56.

ALMANACS, UKRAINIAN
[Calendar (Almanac) for 1946] Kalendar al'manakh na 1945 rik. New York, Nakl. "Surma Book and Music Co. [n.d.] 128 p.

AL'OSHYN, PAVLO FEDOTOVYCH, 1881-
Architect and teacher; P. F. Al'oshyn's 75th birthday. P. IUrchenko. Arkhit. i bud. 4 no. 1:27 Ja-F '56.

ALPINE FLORA see subdivision under Aragats, Mount; Pamirs; Tajikistan

ALTAI MOUNTAIN REGION—PALEOBOTANY
Finds of Tertiary flora in the Altai region. P. I. Dorofeev. Dokl. AN SSSR 109 no. 5:1027-1029 Ag '56.

ALTAI MOUNTAINS—MUSTELIDAE
Food of mustelidae. D. V. Tornovskii. Priroda 45 no. 9:106-107 S '56.

ALTAI TERRITORY—AGRICULTURE
In spite of drought. A. A. Klimovich, V. I. Medvedev. Nauka i pered. op. v sel'khoz. no. 7:77-79 Jl '56.
Without knowledge of the matter ("The force of example." N. Koretskii. Reviewed by IU. N'inshenko). Komm. Kazakh. 26 no. 10:59-61 O '56.

ALTAI TERRITORY—COMMUNIST PARTY OF THE SOVIET UNION
Improve the administrative apparatus. K. Pysin. Part. zhizn' no. 10:17-25 Ag '56.

ALTAI TERRITORY—ESKIMO DOGS
Introduce Eskimo dogs in districts of Altai Territory. A. Golovkov. Okh. i okh. khoz. no. 8:33 Ag '56.

ALTAI TERRITORY—FRUIT CULTURE
Pearl of Siberian gardening. E. Sheremet'eva. Zvezda no. 10:134-143 O '56.

ALTAI TERRITORY—HARVESTING
Harvesting in Altai Territory. G. Radov. Ogonek 34 no. 35:2 Ag '56.

ALTAI TERRITORY—NATURAL RESOURCES
Natural resources of Altai ("Nature and natural resources of the Altai Territory." N. Kambalov. Reviewed by M. I. Pomus). Priroda 45 no. 9:120-121 S '56.

ALTAI TERRITORY—POULTRY
Poultry section of a state grain farm in Altai Territory. L. S. Makarova. Nauka i pered. op. v sel'khoz. no. 9: 45-46 S '56.

ALTIMETER
Errors in conditions of the fifth test of the II. IU. Stodolkevych alidade altimeter. P. I. Mykhailova's'kyi. Nauk. zap. Kiev. un. 13 no. 3:207-216 '54.

ALTY-ARYK DISTRICT—SERICULTURE
Silkworm breeders. Sots. Uz. 16 no. 7:14 Jl '56.

ALUMINA
Variation of the macrostructure and of the catalytic activity of aluminum oxide steam treated and compressed. I. E. Neimark and others. Izv. AN SSSR. Otd. khim. nauk no. 7:784-789 Jl '56.

ALUMINATES
Influence of hydrated calcium chloride aluminate compounds on the strength and endurance of cement bricks embedded in concrete. IU. A. Savvina, N. N. Serb-Serbina. Strot. prom. 34 no. 9:31-36 S '56.

ALUMINOSILICATES
Determination of homogeneity and the amount of active surface in aluminosilicates. V. V. Shchekin, O. E. Morozova, A. I. Antonova. Trudy Inst. neft. 8:100-106 '56.

ALUMINUM
Effect of pH on the ferri-ferro indicator system in determining aluminum by the fluoride method. V. M. Taraian, E. N. Ovsepian. Nauch. trudy Erev. un. no. 53:75-83 '56.
Use of an aluminum indicator electrode in determining aluminum by the fluoride method. E. N. Ovsepian, V. M. Taraian. Nauch. trudy Erev. un. no. 53:85-94 '56.

ALUMINUM—ELECTROMETALLURGY
Control of the voltage in electrolytic cells. V. I. Gusarov. TSvet. met. 29 no. 9:67-70 S '56.
High temperature aluminum-oxygen galvanic cell. L. N. Antipin. Zhur. fiz. khim. 30 no. 6:1425-1426 Je '56.
Interpolar gap values as factors in increasing output per current capacity. A. I. Romaniuk. TSvet. met. 29 no. 7:55-58 Jl '56.
Utilization of slags in secondary aluminum plants. V. M. Bazilevskii and others. TSvet. met. 29 no. 7:59-67 Jl '56.
Wedge contact of the bus bar is the pin of self-dissolving anodes in aluminum electrolyzers. V. I. Korozo. TSvet. met. 29 no. 7:84-85 Jl '56.

ALUMINUM—METALLURGY
Periodic dispersion of aluminum hydroxide in the decomposition process of aluminate solutions. S. I. Kuznetsov. TSvet. met. 29 no. 9:62-67 S '56.

ALUMINUM—WELDING
Welding of bus bars in distribution equipment. L. I. Dvoskin. Elek. sta. 27 no. 8:54-55 Ag '56.

ALUMINUM ALLOYS
Aluminum bearing alloys. M. E. Drits. Issl. splav. tsvet. met. no. 1:61-87 '55.
Effect of ternary metallic compounds $E$ (AlCrMg) on the refractoriness of aluminum alloys. B. K. Vul'f, M. N. Chernov. Zhur. neorg. khim. 1 no. 1:158-162 [Jan.] '56.
Electrochemical properties of aluminum protector alloys. M. S. Trifel', A. L. Seifer, IU. E. Sinitsyna. Izv. AN Azerb. SSR no. 5:43-48 My '56.
Professor A. M. Bochvar's research in the field of light alloys. S. M. Voronov. Issl. splav. tsvet. met. no. 1:20-24 '56.
Voronov, S.M. [Workable aluminum alloys] Deformiruemye aliuminievye splavy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 74 p. (Zaochnye kursy usovershenstvovaniia inzhenerov metallovedov-termistov, 34)

ALUMINUM ALLOYS—HEAT TREATMENT
Isothermal treatment of Al-4 aluminum alloy castings. I. I. Sidorin, N. I. Solov'eva. [Trudy] MVTU no. 41: 150-162 '55.

ALUMINUM ALLOYS—METALLOGRAPHY
Investigating the kinetics of aging in Al-4 aluminum alloy castings. I. I. Sidorin, O. I. Sidunova. [Trudy] MVTU no. 41:163-191 '55.

ALUMINUM ALLOYS—METALLURGY
Removal of hydrogen from aluminum alloys. V. G. Korotkov. Trudy Ural. politekh. inst. no. 60:170-177 '56.
Using fluxes in melting aluminum alloys. G. S. Enikeev. Trudy Ural. politekh. inst. no. 60:159-169 '56.

ALUMINUM BROMIDE
Cryoscopy of certain complex compounds of aluminum bromide in nitrobenzene. I. S. Bigich. Zhur. neorg. khim. 1 no. 5:938-940 My '56.

ALUMINUM FOUNDING
Effect of jolting and vibration during solidification on the structural and mechanical properties of aluminum alloys. A. A. Gorshkov, V. V. Vagin. Trudy Ural. politekh. inst. no. 60:183-191 '56.
Letter to the editor. V. I. Fundator. Lit. proizv. no. 8: 3 of cover Ag '56.

ALUMINUM HYDROXIDE
Periodic dispersion of aluminum hydroxide in the decomposition process of aluminate solutions. S. I. Kuznetsov. TSvet. met. 29 no. 9:62-67 S '56.

ALUMINUM-IRON-COPPER ALLOYS see Copper-aluminum-iron alloys

ALUMINUM-MANGANESE-COPPER ALLOYS see Copper-aluminum-manganese alloys

ALUMINUM-MANGANESE-SILICON ALLOYS—HARDENING
Voronov, S. M. [Hardening of aluminum-manganese-silicon alloys and their new industrial compositions] Prochnostnoe uprochnenie splavov aliuminii-magnii-kremnii i ikh novye promyshlennye kompozitsii. Moskva, Gos. izd-vo obor. promyshl., 1946. 151 p.

ALUMINUM SILICATES
Characteristics of active centers of aluminum silicate catalysts and the kinetics of catalytic cracking of hydrocarbons. G. M. Panchenkov. Trudy MNI no. 16:195-212 '56.
Specific catalytic activity of aluminium silicates. D. P. Dobychin, T. F. TSellinskaia. Dokl. AN SSSR 109 no. 2:351-353 Jl '56.

ALUMINUM-SILICON ALLOYS—METALLURGY
Controlling the absorption of hydrogen by aluminum silicon alloys after chlorination. S. V. Vargin. Trudy Ural. politekh. inst. no. 60:144-158 '56.

ALUMINUM-TITANIUM ALLOYS see Titanium-aluminum alloys

AMALGAMATION
Amalgamation of scooped concentrate. I. A. Vaseev. TSvet. met. 29 no. 8:79 Ag '56.

AMALGAMS
Anodic dissolution of zinc amalgam. V. V. Losev. Zhur. fiz. khim. 30 no. 6:1402-1403 Je '56.
Centrifugal pump for amalgams. L. I. Gel'man. Energomashinostroenie no. 9:23-25 S '56.
Effect of liquid amalgams on perrhenates. A. I. Lazarev. Zhur. neorg. khim. 1 no. 3:385-391 Mr '56.
Study of the surface tension of alkali-metal amalgams. P. P. Pugachevich, O. A. Timofeevicheva. Zhur. neorg. khim. 1 no. 6:1387-1393 Je '56.

AMARYLLIS
Pollen grains in amaryllidaceae. K. IU. Kostriukova. Nauk. zap. Kiev. un. 7 no. 6:5-18 '48.

AMATEUR ART ACTIVITIES
(see also subdivision under Amur Province; Dnepropetrovsk; Georgia)
Children's artistic activity and the tasks of guiding it. A. P. Fomichev. Sov. pedag. 20 no. 9:67-74 S '56.
Good work - good rest. Klub 6 no. 9:8 S '56.

AMATEUR RADIO STATIONS see subdivision under Moscow; Yugoslavia

AMATEUR THEATRICALS
Growing friendship. P. Kokoshkin. Klub 6 no. 9:21 S '56.
Home theater. E. Orlova. Sem'ia i shkola 11 no. 9:32-34 S '56.
"The piper from Strakonice" on the club stage. E. Kravchenko. Klub 6 no. 9:24 S '56.

AMBULANCE SERVICE see subdivision under Leningrad; Moscow

AMEBIASIS
Experimental, chemical therapeutic, and pharmacologic investigation of the preparation N-(2, 4-dichlorobenzyl) -N-(hydroxyethyl)-dichloroacetamide. V. D. Nosina, V. F. Gladkikh, O. I. Kollina. Med. paraz. i paraz. bol. 25 no. 3:252-255 Jl-S '56.

AMERICA—DISCOVERY AND EXPLORATION
History of the discovery of America. G. D. Mamedbeili. Dokl. AN Azerb. SSR 12 no. 7:525-527 '56.

AMERICAN INDIANS see Indians of North America

AMERICAN INVESTMENTS see subdivision 'Investments, American' under Japan

AMERICAN PERIODICALS
The "patrol service" of Henry Luce. B. Rozentsveig. Inostr. lit. no. 9:245-249 S '56.

AMIDES
Alkylamides of organic derivatives of phosphorus acids. B. A. Arbuzov, P. I. Alimov, O. N. Fedorova. Izv. AN SSSR. Otd. khim. nauk no. 8:932-938 Ag '56.
Biosynthesis of amides in plants from $N^{15}$ labelled ammonia. V. L. Kretovich, Z. G. Evstigneeva, E. G. Plyshevskaia. Dokl. AN SSSR 109 no. 5:1001-1004 Ag '56.
Nomenclature of compounds obtained from the action of phosphorus pentachloride on amides of carboxylic acids. A. V. Kirsanov. Zhur. ob. khim. 26 no. 7:2082 Jl '56.
Research in the field of conjugate systems. Part 64. Effect of benzosulfobromamide on piperylene solutions in methyl and ethyl alcohols. T. A. Zyrianova, A. A. Petrov. Zhur. ob. khim. 26 no. 7:1918-1926 Jl '56.

AMINES
Absolute configuration of certain tertiary amines and quaternary ammonium salts. G. Fodor and others. Usp. khim. 25 no. 7:894-902 Jl '56.
Interaction of divinyl oxide with amines. A. A. Petrov, V. M. Al'bitskaia. Zhur. ob. khim. 26 no. 7:1907-1909 Jl '56.

**AMINES (Continued)**

New synthesis of aliphatic amines. A. N. Bashkirov, D. D. Kagan, G. A. Ishigov. Dokl. Akad. Nauk 103 no. 4: 573-576 Ag '55.

Comparative proof of the formation of diphenylbis-amine in the reactive mixtures; benzol peroxide - diphenylamine - nitrogen oxide. G. N. Abramovich, G. A. Matveeva. Zhurn. prikl. khim. 29 no. 10:1505-1510 '56.

**AMINO Acids**

Amount of some amino acids in the total body proteins of Ancistrus sp. and Mesoleuciscus capsicus. K. I. Konyglina. Trudy Biol. inst. KirFAN SSSR no. 4:113-117 '51.

Chromatography on paper and its use in the determination of some amino acids. L. M. Sushkova, A. M. Ginzburg. Lab. delo 2 no. 1:7-12 Ja-F '56.

Free amino acids of the bone marrow and changes in them under the effect of X ray irradiation. N. N. Kasatkina, L. M. Ignatova. Med. rad. 1 no. 1:72-80 My-Je '56.

New general method of preparing aliphatic amines. [A. I. Gol'braikh, B. P. Stepanov, I. F. Shalavina. Dokl. Akad. nauk 109 no. 2:305-308 Jl '56.

On the change in synthetic and transamination processes in the rat liver during pyridoxin deficiency [with English summary in insert]. N. N. Suvorov, N. P. Sisakyan. Biokhimiia 21 no. 4:457-466 Jl-Ag '56.

**AMIROV, GAJAMURLA**

Travels of Gajamurla Amirov through India. B. Khalfin. Zarubezh. voen. obz. no. 7:107-110 Jl '56.

**AMMETER**

Expanding possibilities of measuring of the anti-shock type. M. I. Bobrov. Elektrichestvo no. 12:87-89 Ag '56.

**AMMONIA**

Effect of prolonged drug induced sleep and sodium oxybutyrate on the ammonia and glutamine content of the blood. L. A. Usubaliev. Vop. med. khim. 2 no. 4:307-309 Jl-Ag '56.

Heterogeneous and homogeneous mechanism underlying catalytic oxidation of ammonia. Iu. Vlasov. Dokl. Akad. nauk 109 no. 2:301-304 Jl '56.

Separate determination of hydrazine and ammonia in the presence of hydrazine complex compounds. K. V. Gogo-Tabrili, M. V. Kotkuradshvili, L. D. Tsitsishvili. Zhur. neorg. khim. 1 no. 2:242-247 F '56.

**AMMONIA--STORAGE**

Tanks for storing ammonia. M. Iu. Ishchuk. Khol. tekh. 33 no. 3:51-53 My-Je '56.

**AMMONIA--TOXICOLOGY**

Effect of the functional state of the nervous system on the course of ammonia poisoning. L. G. Polubinskaia. Farm. i toksik. 19 no. 4:15-19 Jl-Ag '56.

**AMMONIUM COMPOUNDS**

Research in the field of quaternary ammonium compounds. Part 9. Formation of betaine acid in the reaction of trimethyl-(2, 2, 2, trichlorethoxy)-silyl ammonium iodide with ethyl bromide. A. T. Balaban, A. A. Gregorian. Zhur. obs. khim. 26 no. 7:1813-1818 Jl '56.

**AMMONIUM OXALATES**

Dentate method of radiation detection in presence of copper [with English summary in insert]. M. P. Babkin. Zhur. anal. khim. 11 no. 4:501-504 Jl-Ag '56.

**AMMONIUM SALTS**

Absolute configuration of certain tertiary amines and quaternary ammonium salts. H. Feder and others. Usp. khim. 25 no. 7:884-902 Jl '56.

Nitrogen containing di-
--Ulavin. Mineralokhim.

Mechanism of formation of
the amphibians
Jordan, Shaw, Allen.

**AMPHIBIA EMBRYOLOGY** see Embryology, Amphibia

**AMPLIFIERS, ELECTRON TUBE**

[illegible]
V. M. Ilin. [illegible]
Ag '56.

Feedback in amplifiers with distributed
K. D. Rasumeev, [illegible]
Radiotekh. elektron. 1 no. [illegible]

Graphic-analytical method of calculating
Radio no. 8:39-41 Ag '56.

[illegible]
Shpigel', M. B. [illegible]
Ag '56.

Two feedback amplifier. V. Vasilevskii. Radio no. 8:39
Ag '56.

**AMPLIFIERS, MAGNETIC** see Magnetic amplifiers

**AMPLITUDE**

Investigation of [illegible]
the oscillations. [illegible]
no. 2:33-38 '56.

**AMPLITRON TUBES**

Coefficient of [illegible]
modulation [illegible]
Sept.-Oct. '56.

**AMUR PROVINCE** see Far East

**AMUR PROVINCE--FISHERIES**

[illegible]
Ag '56.

**AMUR VALLEY--FISHERIES**

Amur Valley; [illegible]
A. V. Ivanov. [illegible]

**AMUSEMENTS**

Mass [illegible]
[illegible]

**AMYLASES**

Influence of [illegible]
preparations [illegible]
[illegible]
[illegible]
[illegible]

**ANAEROBIC BACTERIA** see Bacteria, Anaerobic

**ANALYSIS (MATHEMATICS)** see Calculus, differential analysis

**ANALYSIS, CHROMATOGRAPHIC** see Chromatographic analysis

**ANALYSIS, ELECTROCHEMICAL** see Electrochemical analysis

**ANALYSIS, SPECTRUM** see Spectrum analysis

**ANALYSIS, THERMAL** see Thermal analysis

**ANALYSIS OF OIL** see Oil analysis

**ANALYSIS OF [illegible]** see [illegible]

**[illegible]** see [illegible]

**[illegible]** see [illegible]

**[illegible]** see [illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[

ANIMAL INTELLIGENCE
Development of the forms of reflection in the process of the evolution of organisms. N. N. Ladygina-Kots. Vop. filos. no. 4:94-103 '56.

ANIMAL LOCOMOTION
Works of IAroslav Ivanovich Grdina on the theoretical mechanics of living organisms. A. I. Zotin, R. S. Zotina. Biofizika 1 no. 5:480-492 '56.

ANIMAL PRODUCTS
Let us increase procurements and quality of animal products. P. Kozich. Mias. ind. SSSR 27 no. 4:30-34 '56.

ANIMALS see Zoology

ANIMALS, ABNORMALITIES OF see Abnormalities (Animals)

ANIMALS, DISEASES OF see Veterinary medicine

ANIMALS, DOMESTIC see Domestic animals

ANIMALS, DOMESTICATION OF see Domestication

ANIMALS, MIGRATION OF
Migration of squirrels in the U. S. S. R. I. D. Kirin. Trudy VNIO no. 16:3-41 '56.

ANIMALS, TRAINING OF
Ruban and his friends; a sketch. Piatro Runets. Blarozka 32 no. 9:26-27 S '56.

ANNAU—MOSQUES
Dragons of the mosque at Annau. G. A. Pugachenkova. Sov. etn. no. 2:126-129 '56.

ANNEALING FURNACES
Butt welding of wire in patenting furnaces. A. A. Babushkin, O. A. Pal'chikov. Metallurg no. 9:29-30 S '56.

ANNIVERSARY CALENDAR
Memorable dates. Nar. obr. no. 9:79-80 S '56.
Moscow. Gosudarstvennaia publichnaia istoricheskaia biblioteka. [A calendar of important and memorable dates; July 1956] Kalendar' znamenatel'nykh i pamiatnykh dat; iiul' 1956 g. Moskva, Gos. izd-vo kul'turno-prosvetitel'not lit-ry, 1956. 15 p.
Our calendar. Kul't.-pros. rab. 17 no. 9:60-61 S '56.
Significant and memorable dates. Klub 6 no. 9:32 S '56.

ANNUALS (PLANTS)
Growing annuals for hay in Northern Kazakhstan. I. Polovitskii, E. Gossen. Sel'khoz. Kazakh. no. 4:44-46 Ap '56.

ANTARCTIC REGIONS
Antarctic diary. B. Viturin. Vokrug sveta no. 9:8-11 S '56.
Antarctic diary. IU. Model'. Vokrug sveta no. 9:37-39 Ag '56.
Antarctica. G. N. Grigor'ev. Geog. v shkole 19 no. 4: 19-24 Jl-Ag '56.
Assault of the "land of mysteries." E. Riabchikov. Smena 33 no. 16:16-17 Ag '56.
At the South Pole. I. Denisov. Nov. vrem. 14 no. 42: 20-24 O '56.
Cold desert in the Antarctic. G. A. Avsiuk, K. K. Markov, P. A. Shumskii. Izv. AN SSSR. Ser. geog. no. 4: 19-25 Jl-Ag '56.
Man and the Antarctic climate. N. P. Paleev. Zdorov'e 2 no. 9:18-18 S '56.
On the sixth continent. IUn. nat. no. 8:3-5 S '56.
A ship is drifting toward a cliff. Maks Zinger. Ogonek 34 no. 35:25 Ag '56.

ANTARCTIC REGIONS—GEOLOGY
Preliminary note on the geological structure of the region of "Oasis" on Queen Mary's land at the Antarctic Continent. O. S. Vialov, P. S. Voronov. Dokl. AN SSSR 108 no. 5:916-919 Je '56.

ANTARCTIC REGIONS—PHYSICAL GEOGRAPHY
Geographic observations in an Antarctic "oasis." G. A. Avsiuk, K. K. Markov, P. A. Shumskii. Izv. Vses. geog. ob-va 88 no. 4:316-350 Jl-Ag '56.

ANTARCTIC REGIONS—WHALING
Whaling ship for the Antarctic. Sov. Soiuz no. 10:23 O '56.

ANTELOPES see subdivision under Askaniya Nova; Kazakhstan

ANTENNAS (ELECTRONICS)
Optimum linear antennas radiating perpendicularly to the axis. V. L. Pokrovskii. Dokl. AN SSSR 109 no. 4: 769-770 Ag '56.

ANTHRACENE
Duration of fluorescence for mesoderivatives of anthracene. A. S. Cherkasov and others. Dokl. AN SSSR 109 no. 2:292-294 Jl '56.

ANTHRACENE OIL
Concentrated emulsion of anthracene oil. S. F. Bezuglyi. [Trudy] NIUIF no. 156:129-138 '55.
Concentrated emulsion of anthracene oil as a product used for destroying insects in the hibernation stage. E. A. Pokrovskii. [Trudy] NIUIF no. 156:174-186 '55.

ANTHRACITE COAL
Relaxation times $T_1$ and $T_2$ in anthracite. N. S. Garif'ianov, B. M. Kozyrev. Zhur. i teor. fiz. 30 no. 6:1160 Je '56.

ANTHRAX
Effect of growing corn and onion on the anthrax bacillus. V. A. Kasarev. Veterinariia 33 no. 9:66-68 S '56.

ANTHROPOGEOGRAPHY
Sociology and geography ("The role of geographical environment in the development of society." A. M. Voskanian. Reviewed by E. A. Arab-Ogly). Vop. filos. no. 4:200-205 '56.

ANTHROPOLOGY
Anthropological section at the sixth congress of the International Association of Anatomists in Paris on July 25-30, 1955. V. V. Ginzburg. Arkh. anat., gist. i embr. 33 no. 2:89-91 Ap-Je '56.

ANTIAIRCRAFT GUNS
Device for training antiaircraft gunners. A. Tetskii. Voen. vest. 36 no. 9:66-68 S '56.
Tactical and drill exercises of an anticraft machine-gun battery. V. Levin. Voen. vest. 36 no. 9:32-33 S '56.

ANTIBIOTICS
Antibiotic action of an infusion of the tea fungus. T. I. Afanas'eva. Antibiotiki 1 no. 3:47-49 My-Je '56.
Antibiotic therapy in leptospiroses. IA. S. Punkevich-Diamant. Antibiotiki 1 no. 3:31-33 My-Je '56.
"Antibiotics." T. Korzybski, W. Kurylowicz. Reviewed by G. F. Gauze. Antibiotiki 1 no. 3:54 My-Je '56.
[Antibiotics; translations, surveys, and abstracts of foreign literature]. Antibiotiki 9 no. 5 '56. 117 p.
Antibiotics in the system of complex therapy for mental diseases. A. S. Shmar'inn. Fiziol. zhur. [Ukr.] 2 no. 4:26-35 Jl-Ag '56.
Candidomycosis as a complication in antibiotic treatment. A. M. Arievich. Sov. med. 20 no. 7:9-10 Jl '56.
Case of brain embolism following an intragluteal ecmonovocillin injection. S. I. Petrushevskii. Vest. ven. i derm. 30 no. 4:50 Jl-Ag '56.
Cases of favorable outcome of endophtalmitis treated with antibiotics. M. D. Bunkina. Trudy AN Tadzh. SSR 40:173-174 '55.
Conference devoted to the results and problems of further use of microcide in medical practice. M. M. Pidoplichko, V. I. Bilai. Mikrobiol. zhur. 18 no. 3: 67-69 '56.
A course in antibiotics. Antibiotiki 1 no. 3:59-60 My-Je '56.
Ecmonovocillin for treating gonorrhea in women. A. M. Kharchenko. Vest. ven. i derm. 30 no. 4:59-60 Jl-Ag '56.
Ecmonovocillin for treating syphilis in outpatients. D. I. Khaimovskii and others. Vest. ven. i derm. 30 no. 4: 50 Jl-Ag '56.
Effect of antibiotics on immunologic processes and on freeing the organism of Rickettsia in typhus. K. M. Loban, E. P. Savitskaia. Zhur. mikrobiol., epid. i immun. 27 no. 8:102-107 Ag '56.
Effect of some antibiotics on carbohydrate metabolism. E. F. Sopin, L. K. Dyl'. Nauk. zap. Kiev. un. 12 no. 7: 153-155 '53.
Fungus infections of the lungs caused by antibiotic therapy. V. S. Gaslin, N. A. Filipovich. Klin. med. 34 no. 7:61-63 Jl '56.
Increasing sensitiveness of the diffusion method for testing antibiotics. R. A. Dubinskii. Lab. delo 2 no. 3:28-30 My-Je '56.
Method for determining the stability of microbes to sulfanilamides and antibiotics. I. A. Sutin, E. S. Donchenko. Lab. delo 2 no. 3:25-28 My-Je '56.
Methodology of using antibiotics in acute dispersed purulent peritonitis. V. I. Popov, V. I. Filin. Voen.-med. zhur. no. 10:18-25 O '55.
Morphological changes in bacteria under the effect of Bacillus acidophilus. R. Dubinskii. Moloch. prom. 17 no. 6:39-40 '56.
New data about the "tea fungus." E. IU. Shaas. Fel'd. i akush. 21 no. 9:53-54 S '56.
On factors influencing the occurrence of Actinomyces which produce antibiotic substances [with English summary in insert]. I. Szabó. Mikrobiologiia 25 no. 4:442-450 Jl-Ag '56.
On some properties of ilimocidin [with English summary in insert]. T. S. Paskhina. Biokhimiia 21 no. 4:448-450 Jl-Ag '56.
Peculiarities in the clinical course of peritonitis when using antibiotics. A. G. Belousov. Voen.-med. zhur. no. 10:25-29 O '55.
Results of treating chronic dysentery in children with synthomycin and streptomycin with somatine. R. Z. Sherman, S. D. Tatarinova, M. P. IAkimova. Klin. med. 34 no. 7:90 Jl '56.
Some analogues of pseudoalicin ($C_6H_{10}O_2S_2$). B. V. Boldyrev, M. A. Ivakina. Nauch. zap. LPI no. 20:109-120 '55.
Therapeutic forms of antibiotics. E. N. Lazareva. Antibiotiki 1 no. 3:55-58 My-Je '56.
Treating sympathetic ophtalmia by antibiotics. E. I. Demina. Trudy AN Tadzh. SSR 40:115-117 '55.
Use of antibiotics in gastrointestinal diseases in young pigs and dysentery in hogs. V. F. Grezin, A. I. Noskov. Dokl. Akad. sel'khoz. 21 no. 9:3-6 '56.
Use of combined antibiotics in scarlet fever; experimental and clinical investigations. V. G. Koroleva. Antibiotiki 1 no. 3:28-31 My-Je '56.
Using filter paper discs for determining the sensitiveness of dysenteric pathogens to antibiotics. L. B. Khazenson, M. O. Birger. Lab. delo 2 no. 3:23-25 My-Je '56.
Volatile antibiotic substances in Trichoderma Pers. fungi [with English summary in insert]. V. I. Bilai. Mikrobiologiia 25 no. 4:458-465 Jl-Ag '56.

ANTIBIOTICS—CONGRESSES see subdivision under Washington

ANTIBIOTICS—PERIODICALS
"Antibiotiki," a new scientific periodical. Zhur. mikrobiol., epid. i immun. 27 no. 8:123 Ag '56.

ANTIGENS AND ANTIBODIES
Change of the content of group antigens in human blood erythrocytes in muscular work. IU. I. Melamed. Lab. delo 2 no. 3:22-23 My-Je '56.
"Fixed" Rh antibodies and a method for analyzing them. D. S. Geller and L. F. Vaksman. Lab. delo 2 no. 4:14-18 Jl-Ag '56.

ANTIMONY
Mechanics of the action of antimony on the electrodeposition and stripping of cathodic zinc. A. I. Levin, V. S. Kolevatova. TSvet. met. 29 no. 9:28-34 S '56.
Method for the microdetermination of antimony in the urine and blood of patients with kala-azar treated by solusurmine. L. N. Lapin. Vop. med. khim. 2 no. 4: 309-316 Jl-Ag '56.

ANTIMONY—ANALYSIS
Method for determining antimony in urine with methyl violet. V. G. Mikhailov. Lab. delo 2 no. 3:12-13 My-Je '56.

ANTIOXIDANTS
Testing on alkyl-phenol antioxidant additive in transformers. K. I. Ivanov and others. Khim. i tekh. topl. no. 9:51-56 S '56.

ANTIPYRETICS
Effect of pyramidon, pentoxyl, butazolidine, and dimedrol on the therapeutic effect of penicillin in experimental staphylococcal inflammatory foci in white mice. V. N. Solov'ev. Antibiotiki 1 no. 3:12-15 My-Je '56.

ANTIPYRINE
Coprecipitation of cadmium with tetrabromomercuriate of antipyrine [with English summary in insert]. I. M. Korenman, A. A. Tumanov. Zhur. anal. khim. 11 no. 4:430-436 Jl-Ag '56.

ANTIQUITIES see subdivision under Bashkiria; Black Sea region; Bug Valley; Groznyy Province; Kashka-Darya Valley; Kazakhstan; Komi-Permyak National Okrug; Kuybyshev Province; Murgab Valley; Olbia (Baryshenes); Pechora Basin; Tabory (Dobryanka District); Vakhsh Valley

ANTIQUITIES, ORIENTAL see Oriental antiquities

ANTISEPTICS
Experience in using Gordeev's fluid for the treatment of malignant and benign neoplasms of the skin and mucosa of the lower lip [with summary in English]. G. P. Zinchenko. Vop. onk. 2 no. 3:354-356 '56.
Positive results from treatments by Novikov's antiseptic liquid. F. F. Frolov. Vest. ven. i derm. 30 no. 4:52 Jl-Ag '56.
Treating mycoses of the scalp with "Lesovaia" liquids nos. 1 and 2 without using X rays. Report no. 2. M. I. Mel'nik and others. Vest. ven. i derm. 30 no. 4:52-53 Jl-Ag '56.

ANTONOV, SERGEI PETROVICH, 1915
Polemical tale ("It happened in Pen'kovo." S. Antonov. Reviewed by N. Bazhin). Zvezda no. 10:172-174 O '56.

ANTS
Detection of the intermediary hosts of tapeworms Raillietina echinobothrida (Megnin, 1881) and R. tetragona (Molin, 1858) (Cestoda, Davaineidae), causative agents of chicken raillietiniasis. K. S. Akhumian. Dokl. AN Arm. SSR 15 no. 5:153-156 '52.

AORTA
Endothelial lining of the aorta in the swine. N. G. Khlopin. Dokl. AN SSSR 109 no. 4:865-868 Ag '56.
Regenerative potentialities of the aortal endothelium. F. V. Baliuzek. Dokl. AN SSSR 109 no. 5:1039-1040 Ag '56.

AORTA—SURGERY
Prevention of ischemic spinal paralysis by shunts; experimental research [with summary in English, p. 158-159]. V. A. Arkatov. Vest. khir. 77 no. 7:57-64 Jl '56.

AORTIC ANEURYSMS
A case of an aneurysm of the abdominal aorta into the duodenum. V. N. Dagaev, N. V. Geineman. Khirurgiia 32 no. 6:72-73 Je '56.
Case of prolonged duration of a rupture of the abdominal aorta. G. K. Bogdanovskaia. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:122-125 '56.

APARTMENT HOUSES
(see also subdivision under Czechoslovakia; Hungary; Kiev; Leningrad; Moscow; Ukraine)
Constructive solution for a multistory apartment house of the three-well type. M. Plekhov, V. IUrovs'kyi. Arkhit. i bud. 4 no. 2:13-15 Mr-Ap '56.
Experience in designing and building apartment houses with brick blocks of great weight. V. Rebrikov. Arkhit. SSSR no. 8:25-29 '56.
Factory for large-paneled apartment house building. A. K. Mkrtumian, A. S. Krivorotov. Stroi. prom. 34 no. 8:14-19 Ag '56.
Kaplunov, Z. V. [Prefabricated large-sized apartment house construction elements; the experience in Leningrad apartment house building] Sbornye krupnorazmernye konstruktsii zhilykh zdanii; iz opyta zhilishchnogo stroitel'stva Leningrada. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 231 p.
Precast dwellings for new settlers. Stroi. mat., izdel. i konstr. 2 no. 7:37 Jl '56.
Some problems in the architecture of standard large-panel apartment houses. Z. Chechyk. Arkhit. i bud. 4 no. 2: 7-10 Mr-Ap '56.
Standard apartment houses with walls of large concrete blocks. V. TSvik, D. IAblons'kyi. Arkhit. i bud. 4 no. 3:4-8 My-Je '56.

APARTMENT HOUSES—MAINTENANCE AND REPAIR see subdivision under Moscow

APHASIA
Disorders in the writing and reading abilities of polyglots. A. R. Luriia. Fiziol. zhur. [Ukr.] 2 no. 4:127-133 Jl-Ag '56.

APICULTURE see Bee culture

APPARATUS, CHEMICAL see Chemical apparatus

APPARATUS, ELECTRICAL see Electric apparatus and appliances

APPARATUS, MEDICAL see Medical instruments and apparatus

APPARATUS, PHYSIOLOGICAL see Physiological apparatu

APPARATUS, SURGICAL see Surgical instruments and apparatus

APPARATUS FOR THE BLIND see Blind, Apparatus for the

APPELLATE PROCEDURE
Limits of judicial review of criminal cases in cassation and appellate procedures. T. V. Al'shevskii. Sov. gos. i pravo no. 6:76-80 '56.

APPENDICITIS
Acute and extrauterine pregnancy; differential diagnosis. I. S. Breido, S. S. TSivin. Vest. khir. 77 no. 8:90-95 Ag '56.
Analysis of mortality in acute appendicitis [with summary in English, p. 160]. G. IA. Iosset. Vest. khir. 77 no. 8:107-113 Ag '56.
Changes in the nerve apparatus of the appendix in the so-called catarrhal appendicitis [with summary in English, p. 160]. M. A. Petushinov. Vest. khir. 77 no. 8:79-90 Ag '56.
Clinical and anatomical classification of appendicitis. P. N. Napalkov, I. I. Shafer. Vest. khir. 77 no. 8:114-120 Ag '56.
Correlation of clinical and anatomic factors in acute appendicitis [with summary in English, p. 159]. Z. I. Besfamil'naia. Vest. khir. 77 no. 8:76-79 Ag '56.
Errors in the diagnosis and treatment of acute appendicitis and its complications. L. G. Limonnikov. Vest. khir. 77 no. 8:96-101 Ag '56.
Ileostomy as a method for treating early intestinal obstruction following appendectomy in children. N. G. Dam'e. Sov. med. 20 no. 8:50-56 Ag '56.
Some controversial problems in surgery for acute appendicitis. N. I. Blinov. Vest. khir. 77 no. 8:120-125 Ag '56.
The surgeon's tactics in case of appendicular infiltrations in children. I. S. Poleshchuk. Vest. khir. 77 no. 8:125-127 Ag '56.
Surgery for acute appendicitis in the Arctic. L. E. Ponomarev. Sov. med. 20 no. 8:79-80 Ag '56.
Time required for recovering from disability following an appendectomy [with summary in English, p. 160]. L. A. Fotieva. Vest. khir. 77 no. 8:101-107 Ag '56.
Unusual case of acute gangrenous appendicitis in a strangulated scrotal hernia in a one-and-a-half-year-old child. A. M. Aliev. Sov. med. 20 no. 8:82 Ag '56.

APPENDIX (ANATOMY)—TUMORS
Diagnosis of cysts of the appendix. G. I. Varnovitskii. Khirurgiia 32 no. 6:73-75 Je '56.

APPLE
(see also subdivision under Omsk; Stavropol Territory)
The best time for fertilizing apple orchards. G. K. Vaskan. Sad. vin. Mold. 11 no. 4:21 Jl-Ag '56.
Effect of irrigation and fertilizers on the yield of standard apple seedlings. P. A. Khramov. Sad i og. no. 8: 56-57 Ag '56.
Formation of reproductive organs in apple trees. I. A. Kolomiets. Nauk. zap. Kiev. un. 8 no. 5:71-90 '49.
Increase the productivity of labor in marketing apples. N. A. Busarov. Sad i og. no. 9:29-33 S '56.
Role of maternal pollen in intervarietal pollination of apple trees. IA. S. Nesterov. Agrobiologiia no. 4:132-135 Jl-Ag '56.
Training apple trees in horizontal cordon form. P. Zamakhaev. Sad i og. no. 9:74 S '56.

APPLE—DISEASES AND PESTS see subdivision under Dzhezkazgan District

APPLE—STORAGE
Keeping qualities of some apple varieties. IU. I. Banaitis. Sad i og. no. 9:58-60 S '56.

APPLE—VARIETIES
(see also subdivision under Lithuania)
Characteristics of the development of suckering apple varieties. V. G. Gavrilov. Agrobiologiia no. 4:125-128 Jl-Ag '56.

APPROXIMATE COMPUTATION
Bernstein's approximation problem. S. N. Mergelian. Dokl. AN SSSR 109 no. 1:25-28 Jl-Ag '56.
Best approximation by integral functions in the complex domain. M. M. Dzhrbashian, A. P. Tamadian. Izv. AN SSSR. Ser. mat. 20 no. 4:485-512 Jl-Ag '56.
Best approximations in a non-Jordanian domain. A. L. Shaginian. Dokl. AN Arm. SSR 11 no. 1:3-5 '49.
Convergence of approximate methods. M. I. Nechepurenko. Dokl. AN SSSR 109 no. 4:704-706 Ag '56.

APRICOT
New type of a fruit-bearing plant. S. Kh. Duka. Nauk. zap. Kiev. un. 8 no. 5:169-171 '49.

APSHERON PENINSULA—GEOLOGY, STRATIGRAPHIC
Correlating the profile of the Kirmaki series of the Apsheron Peninsula. S. G. Movsesian. Azerb. neft. khoz. 35 no. 2:5-7 F '56.
Structural profile of the Pliocene-anthropogenic stage of the Apsheron region. B. V. Grigor'iants. Azerb. neft. khoz. 35 no. 8:1-3 Ag '56.

APSHERON PENINSULA—PETROLEUM GEOLOGY
Lithologic and stratigraphic basis for the rhythmic structure of the pay stratum of the Apsheron oil-bearing region. A. D. Sultanov, G. P. Tumrazian. Dokl. AN Azerb. SSR 12 no. 9:643-649 '56.
Reservoir rock characteristics of the Kirmaki series in the Apsheron Peninsula. A. G. Aliev, L. V. Minzberg, L. A. Nikolaeva. Azerb. neft. khoz. 35 no. 5:1-3 My '56.

APSHERON PENINSULA—SECONDARY RECOVERY OF OIL
Some problems in the engineering geological modeling of one of the horizons of the Kirmaki series. E. A. Dadaeva, B. A. Shapiro. Izv. AN Azerb. SSR no. 7:27-31 Jl '56.

AQUATIC PLANTS
(see also subdivision under Tajikistan; Zabolot'ye District)
Origin and types of reproductive processes in aquatic plants. O. V. Topacheva'kyi. Nauk. zap. Kiev. un. 13 no. 6:65-73 '54.

ARAB REFUGEES see subdivision 'Refugees, Arab' under Egypt

ARABIC CIVILIZATION see Civilization, Arabic

ARABIC STUDIES—HISTORY
"Outline history of the study of Islam in the U. S. S. R." N. A. Smirnov. Reviewed by G. L. Bondarevskii. Vop. ist. no. 7:160-163 Jl '56.

ARAGATS, MOUNT—ALPINE FLORA
Age groups of Alpine "carpet" plants in connection with the different levels occupied by aerial and subterranean plant parts. S. G. Narinian. Dokl. AN Arm. SSR 9 no. 2:81-84 '48.
Seasonal dynamics of the Alpine "carpets" of Aragats. S. G. Narinian. Dokl. AN Arm. SSR 9 no. 4:179-182 '48.

ARAGATS, MOUNT—ROCKS
The "stone rings" of Mount Aragats, in Ar... B. A. Klopotovskii. Dokl. AN Arm. SSR ... '48.

ARAL REGION—SHEEP BREEDING
A new breed of fine-fleeced sheep in the Aral ... I. K. Dzhumagulov, A. M. IAkushkina. Vest. A... SSR 12 no. 9:79-84 S '56.

ARAL SEA REGION—NUMMULITIES
New outcrop of nummulitic beds at the ... of the Aral Sea. R. G. Garetskii, G. I. N... Dokl. AN SSSR 109 no. 6:1141-1143 Je '56.

ARARAT REGION—GEOLOGY, STRUCTURAL
History of the origin of the Ararat Hollow. A. ... nian. Dokl. AN Arm. SSR 11 no. 1:29-34 '49.
Tectonics of the Ararat Hollow. A. A. Gabrielia... Dokl. AN Arm. SSR 9 no. 3:117-121 '48.

ARARAT REGION—SILKWORMS
Feeding the Chinese tussah moth with willow ... the Ararat Plain of the Armenian S. S. R. [A... Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. ... Ag '56.

ARC LAMPS see Electric lamps, Arc

ARC WELDING see Electric welding

ARCHAEOCYATHIDAE
On some nonstressed characteristics of the ... of Archaeolynthus Taylor and its possible ... nection with Echinodermata. V. N. IAkovlev. ... AN SSSR 109 no. 4:855-857 Ag '56.

ARCHAEOLOGY
Discoveries of Soviet archaeologists ("Archae... the U. S. S. R." A. L. Mongait. Reviewed by ... Novyi mir 32 no. 8:270-272 Ag '56.
Experiment as a means of historical and te... research. I. L. Znachko-IAvorskii. Vop. ist. ... tekh. no. 1:318-319 '56.

ARCHANGEL—THEATER
Archangel. Teatr 17 no. 8:124-125 Ag '56.

ARCHANGEL PROVINCE—ELK
Aerial survey of elks based on spoors. Il. T. ... Trudy VNIO no. 10:72-88 '56.

ARCHES
Static stability of a very steep parabolic ... N. G. Bondar'. Prykl. mekh. 2 no. 3:301 ...

ARCHITECTURE
(see also subdivision under China; Kurak ... Tiflis; Ukraine)
At the second plenum of the governing board ... of U. S. S. R. Architects. Arkhit. SSSR no. ...
Creation of socialist style in architecture. ... bud. 4 no. 4:31 Jl-Ag '56.

ARCHITECTURE—BIBLIOGRAPHY see Bibliography, Architecture

ARCHITECTURE—CONGRESSES see subdivision under Moscow

ARCHITECTURE—DESIGNS AND PLANS
(see also subdivision under Ukraine)
Improve the designing of public buildings. ... no. 8:1-2 '56.
Notes of a designer. Georgii Orel. Sov. Ukr. ... 136-146 Ag '56.
Standard plans for cultural and public buildings. E. Minukhin. Sel'. stroi. 11 no. 8:26-27 Ag '56.

ARCHITECTURE—SOCIETIES
The Academy of Building and Architecture of ... Gor. khoz. Mosk. 30 no. 7:39 Jl '56.

ARCHITECTURE—STUDY AND TEACHING
Special architectural education. IU. Asieiev. M. ... M. Husiev. Arkhit. i bud. 4 no. 1:1-2 Ja-F '56.

ARCHITECTURE, BULGARIAN
Photographic exhibit of Bulgarian architecture. ... no. 9:63 S '56.

ARCHITECTURE, DOMESTIC see subdivision under Ukraine

ARCHITECTURE, DOMESTIC—DESIGNS AND PLANS
Plan of a three-room house for rural sites. ... proizv. 16 no. 9:insert S '56.

ARCHITECTURE, GEORGIAN
Dzhashi, N. U. [Soviet Georgian architecture; based on examples in Tiflis] Gruzinskaia sovetskaia arkhitektura na primere Tbilisi. Tbilisi, Izd-vo "Zaria Vostoka," 1956. 149 p.

ARCHITECTURE, INDIC
Through the cities of India. A. Krotskaia-Ershova. ... SSSR no. 7:41-48 '56.

ARCHITECTURE, MEDIEVAL see subdivision under Aspindza District

ARCHIVES
(see also subdivision under Soviet Central Asia; Sweden)
The All-Union Conference of Archival Workers of Financial Organs. Z. V. Bondarenko. Ist. arkh. no. 4:288-289 Jl-Ag '56.
The Central State Archives of the Literature and Art of the U. S. S. R. (1941-1956). V. I. Popov, N. D. Chernikov. Ist. arkh. no. 4:229-234 Jl-Ag '56.
Methodological guidance of the work of district state archives. D. V. Shmin, E. Z. Sheldtman. Ist. arkh. no. 4:239-241 Jl-Ag '56.
Working out problems of archival science and subsidiary historical disciplines at the Historical Archives Institute. V. V. Maksakov and others. Ist. arkh. no. 4:213-228 Jl-Ag '56.

ARCHIVISTS
Archivists and writers meet. G. V. Ist. arkh. no. 4:200 Jl-Ag '56.
International contacts of Soviet archivist-historians. G. A. Dremina and others. Ist. arkh. no. 4:242-248 Jl-Ag '56.

ARCTIC OCEAN—OCEAN BOTTOM
Bottom deposits in the region covered by the "North Pole 2" drifting station. N. A. Belov, N. N. Lapina. Izv. AN SSSR. Ser. geol. 21 no. 7:3-16 Jl '56.

ARCTIC REGIONS
Centkiewicz, Alina, and Czeslaw Centkiewicz. [Conquest of the Arctic. Translated from the Polish] Zavoevanie Arktiki. Perevod s pol'skogo K. A. Radvillovicha i Cheslava Vol'skogo. Pod red. N. N. Zubova. Moskva, Izd-vo inostrannoi lit-ry, 1956. 307 p.
Polar day and night. Vasilii Kanakl. Geog. v shkole 19 no. 4:6-16 Jl-Ag '56.
Singer, M. E. [Far to the north] Daleko na severe. Risunki G. Nikol'skogo. Moskva, Detgiz, 1955. 93 p. (NN)
A year on an ice floe; notes of a polar explorer (to be continued). Igor' TSigel'nitskii. Na rub. 17 no. 4: 3-29 Jl-Ag '56.

ARCTIC REGIONS—AUTOMOBILES—REPAIRING
Technical repair plant for automobiles in the Arctic Regions. M. Froidlin. Avt. transp. 34 no. 7:36 Jl '56.

ARCTIC REGIONS—BOTANY
Journey to Denmark. B. A. Tikhomirov. Bot. zhur. 41 no. 7:1080-1090 Jl '56.
Study of the arctic flora of the U. S. S. R. A. I. Tolmachev. Bot. zhur. 41 no. 6:793-796 Je '56.

ARCTIC REGIONS—CABBAGE
Completing the growing of undeveloped cabbage in winter. M. M. Stepanova. Sad i og. no. 9:35-36 S '56.

ARCTIC REGIONS—HORSES—DISEASES
Furunculosis in horses in Arctic regions. N. S. Bazhanov. Veterinariia 33 no. 9:43-45 S '56.

ARCTIC REGIONS—ICE
Ice "flowers." S. E. Aleksandrov, IU. S. Dobrokhotov. Priroda 45 no. 9:113-114 S '56.

ARCTIC REGIONS—MAGNETISM, TERRESTRIAL
Geographic distribution of magnetic disturbances in the polar region of the Arctic. A. P. Nikol'skii. Dokl. AN SSSR 109 no. 5:939-942 Ag '56.

ARCTIC REGIONS—TREES
We are nature's friends. IUn. nat. no. 6:34-35 S '56.

ARCTIC REGIONS—VEGETABLE GARDENING
Electrohorticulture of vegetables in the Arctic regions. G. V. Artem'ev. Priroda 45 no. 9:100-102 S '56.

ARECOLINE
Ridding chickens of the most important helminthous infections. A. D. Gaibov, N. Z. IAkubov. Pttitsevodstvo 6 no. 9:42-43 S '56.

ARGENTINA—SLAVS
[Repatriation from Argentina; based on material furnished by the Argentina section of the Union for Struggle for the Liberation of the Peoples of Russia (SBONR)] Argentinskaia repatriatsiia; po materialam Argentinskogo Otdela SBONRa. Miunkhen, 1956. 27 p.

ARGILLITE see subdivision under Tatar A. S. S. R.

ARGON—ISOTOPES
Discovery of A38 in potassium-containing minerals. E. K. Gerling, L. K. Levskii, L. I. Afanas'eva. Dokl. AN SSSR 109 no. 4:813-815 Ag '56.

ARISTOPHANES
Hungarian edition of the comedies of Aristophanes. V. N. IArkho, E. M Kan. Vest. drev. ist. no. 2:89-95 '56.

ARISTOTELES
Aristotelians deprived themselves of the freedom to philosophize in vain. Pierre Gassendi. Vop. filos. no. 4:137-145 '56.

ARITHMETIC—PROBLEMS, EXERCISES, ETC.
Composition of arithmetical problems based on the sixth five-year plan. L. G. Krupovetskii. Mat. v shkole no. 5: 32-36 S-O '56.

ARITHMETIC—STUDY AND TEACHING
Experience in teaching arithmetics in the fifth grade. Z. A. Voskresenskaia. Mat. v shkole no. 5:66-69 S-O '56.

ARITHMETIC, COMMERCIAL
Andreev, P. P. [Commercial arithmetic] Khoziaistvennyo vychisleniia. Izd. 2-oe, perer. Moskva, Gos. statist. izd-vo, 1956. 262 p.

ARMED FORCES see subdivision under Russia

ARMENIA—AGRICULTURE
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Armenia" pavilion; a guidebook] Pavil'on "Armianskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 30 p.

ARMENIA—BIRDS
New data on the birds of the Armenian S. S. R. S. K. Dal'. Dokl. AN Arm. SSR 12 no. 3:97-99 '50.

ARMENIA—BLACK FLIES
Description of two new species of midges (Diptera, Simulitidae) from Armenia. A. E. Terterian. Dokl. AN Arm. SSR 11 no. 3:93-97 '49.
Little known and new species of midges (Dipter, Simulitidae) from the Armenian S. S. R. I. A. Rubtsov, A. E. Terterian. Dokl. AN Arm. SSR 15 no. 2:57-64 '52.
New species of midges (Diptera, Simulitidae) from the Armenian S. S. R. A. E. Terterian. Dokl. AN Arm. SSR 15 no. 3:89-96 '52.

ARMENIA—BOTANY
Some new data on the flora of the Armenian S. S. R. A. K. Magak'ian. Dokl. AN Arm. SSR 12 no. 3:79-82 '50.

ARMENIA—DIKES (GEOLOGY)
Origin of basic dikes in Armenia and adjacent regions of the Lesser Caucasus. S. I. Balasanian. Izv. AN SSSR. Ser. geol. 21 no. 7:79-84 Jl '56.

ARMENIA—ETHNOLOGY—PERIODICALS
Sixtieth anniversary of the Armenian ethnographic periodical "Azgagrakan Andes." E. Karapetian. Sov. etn. no. 2:111-114 '56.

ARMENIA—FRUIT CULTURE
Development of fruit culture and viticulture in the Armenian S. S. R. in the sixth five-year plan. G. V. Oganesian. Sad i og. no. 8:62-64 Ag '56.

ARMENIA—GUMMOSIS
Methods for centralized disinfection of cottonseed. A. A. Babaian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 9 no. 8:67-77 Ag '56.

ARMENIA—HISTORY
The "woatan" class in ancient Armenia. A. G. Perikhanian. Vest. drev. ist. no. 2:44-58 '56.

ARMENIA—LIGHTNING
Quantitative correlations of different types of lightning discharges in the Armenian S. S. R. L. M. Vil'chur. Dokl. AN Arm. SSR 9 no. 5:193-197 '48.
Rate of lightning discharges in the Armenian S. S. R. L. M. Vil'chur. Dokl. AN Arm. SSR 9 no. 4:157-162 '48.

ARMENIA—MALARIA
Tertian malaria with prolonged incubation in certain regions of Armenia. A. G. Isaakian. Med. paraz. i paraz. bol. 25 no. 3:260-261. Jl-S '56.

ARMENIA—POWER ENGINEERING
Local sources of energy for stockbreeding in Armenia. K. Vermishev. Izv. AN Arm. SSR. Obshchestv. nauki no. 6:19-32 Ag '56.

ARMENIA—RED SPIDER
New genus of the family Tetranychidae (Acari) in Armenia. G. F. Rekk, A. T. Bagdasarian. Dokl. AN Arm. SSR 9 no. 4:183-186 '48.

ARMENIA—RUSSIAN LANGUAGE—STUDY AND TEACHING
Study of the main parts of the sentence in Armenian schools. G. M. Agababian. Uch. zap. Eriv. gos. russ. ped. inst. 5:137-163 '56.

ARMENIA—TAPEWORMS
Detection of the intermediary hosts of tapeworms Raillietina echinobothrida (Megnin, 1881) and R. tetragona (Molin, 1858) (Cestoda, Davaineidae), causative agents of chicken raillietiniasis. K. S. Akhumian. Dokl. AN Arm. SSR 15 no. 5:153-156 '52.

ARMENIA—THEATER
Ten-day festival of Armenian art and literature. Teatr 17 no. 8:170 Ag '56.

ARMENIA—TOBACCO
Effect of fertilizers on the Samsun 27 tobacco variety in Ashtarak District of the Armenian S. S. R. [in Armenian with summary in Russian]. M. A. Giul'khasian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 9 no. 8:79-90 Ag '56.

ARMENIA—TOMATOES
Effect of fertilizers on the increase in yield and dry matter content of tomatoes in the Armenian Lowland. A. A. Ananian, A. G. Eginzarian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 9 no. 8:91-99 Ag '56.

ARMENIA—UREDINEAE
Three new species of rust fungi found in the Armenian S. S. R. D. N. Teterevnikova-Babaina. Dokl. AN Arm. SSR 9 no. 2:75-79 '48.

ARMENIA—VITICULTURE
Development of fruit culture and viticulture in the Armenian S. S. R. in the sixth five-year plan. G. V. Oganesian. Sad i og. no. 8:62-64 Ag '56.

ARMENIAN LANGUAGE—PHONETICS
Comparative phonetics of Armenian and the Slavic languages. A. S. Garibian. Uch. zap. Eriv. gos. russ. ped. inst. 5:1-15 '55.

ARMENIAN LANGUAGE—VERB
Unconjugated verb forms in Armenian and Russian. T. Danielian. Stud. nauch. sbor. ERPI no. 4:74-95 '56.

ARMENIAN LITERATURE—HISTORY AND CRITICISM
"Primary history of Armenia" by Mar-Abas; the sources of Sebeos, Moses of Khoren, and Procopius of Caesarea. IA. A. Manandian. Patest. sbor. no. 2:69-86 '56.

ARMENIAN MERCHANTS see Merchants, Armenian

ARMENIAN POETRY—TRANSLATIONS INTO RUSSIAN
[Armenian poetry in V. IA. Briusov's translation] Armianskaia poeziia v perevodakh V. IA. Briusova. [Pod red. A. Indzhikiana.] Erevan, Armianskoe gos. izd-vo, 1956. 316 p.

ARMIES see subdivision 'Army' under Germany, West; Russia; Turkey

ARMIES—DISCIPLINE see Military discipline

ARMY SCHOOLS see Military education

AROMATIC COMPOUNDS
Using spent acid for cleaning aromatic compounds. Z. A. Sultanov, G. I. Babaeva, O. V. Popova. Azerb. neft. khoz. 35 no. 8:34 Ag '56.

ARRHYTHMIA
Fibrillation in thyrotoxicosis; its etiology and treatment. E. S. Drachinskaia, M. P. Andreeva. Probl. endok. i gorm. 2 no. 2:50-55 Mr-Ap '56.
Interruption of paroxysmal tachycardia following hyperemia of the extremities. E. S. Medvedev. Terap. arkh. 28 no. 5:43-46 '56.
Ligation of patent ductus arteriosus in paroxysmal tachycardia. N. K. Galankin. Vest. khir. 77 no. 7: 136-137 Jl '56.
Significance of electrocardiography in the differential diagnosis of rheumatic and atherosclerotic lesions of the heart in cardiac fibrillation. E. A. Ozol. Terap. arkh. 28 no. 5:37-42 '56.

ARSENATES
Arsenate method for iodometric determination of lead using organic solvents. G. B. Shakhtakhtinskii, R. A. Melikova. Trudy Azerb. ind. inst. no. 8:80-87 '54.
Iodometric determination of copper by means of basic arsenate. G. B. Shakhtakhtinskii, R. A. Melikova. Trudy Azerb. ind. inst. no. 8:88-93 '54.

ARSEN'EV, VLADIMIR KLAVDIEVICH, 1872-1930
Explorer of the Far East ("V. K. Arsen'ev, traveler and writer; characterization," M. K. Azadovskii. Reviewed by Sergei Markov). Novyi mir 32 no. 8:269-270 Ag '56.
"V. K. Arsen'ev, traveler and writer," M. K. Azadovskii. Reviewed by L. Gurvich. Sov. etn. no. 2:164-165 '50.

ARSENIC
Corrosion of arsenic-soda apparatus of desulfurating installations. I. A. Levin, A. V. Avdeeva, N. P. Kovalenko. Khim. prom. no. 4:237-239 Je '56.
Magnetization roasting of Kerch deposit ores and the removal of their arsenic content. S. K. Grebnev. Gor. zhur. no. 8:21-25 Ag '56.

ARSENOPYRITE
Separating pyrite and arsenopyrite by flotation. N. P. Tabakopulo, IU. A. Tarasov. TSvet. met. 29 no. 8:4-9 Ag '56.

ARSINES
Enthalpy of arsine formation. S. M. Arfia, M. P. Morozova, Huang Chi-mao. Zhur. ob. khim. 26 no. 7:1813-1815 Jl '56.

ARSINOUS ACID

Action of halogen anhydrides and acetic anhydride on the glycol ethers of phenylarsinic acid. Gil'm Kamai, N. A. Chadaeva. Dokl. AN SSSR 109 no. 2:309-311 Jl '56.

ART

Creative work of young artists. B. V. Ioganson. Vop. izobr. isk. no. 2:13-36 '55.

Foreign art. Iskusstvo 19 no. 5:79-80 '56.

Great collaboration between Ukrainian and Russian pictorial art. A. M. Gerasimov. Vop. izobr. isk. no. 2: 152-161 '55.

In the Soviet Union. Iskusstvo 19 no. 5:76-78 '56.

New development of pictorial art. Vop. izobr. isk. no. 2: 5-12 '55.

The situation and tasks in art publications. E. S. Mellkadze. Vop. izobr. isk. no. 2:73-92 '55.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—EXHIBITIONS

All-Union exhibition of paintings submitted for diploma in 1955. K. Morozov. Iskusstvo 19 no. 5:18-23 '56.

ART—GALLERIES AND MUSEUMS see subdivision under Leningrad; Moscow

ART—HISTORY

Association of Artists of Revolutionary Russia; from an artist's recollections. F. S. Bogorodskii. Vop. izobr. isk. no. 2:117-151 '55.

ART—PERIODICALS

Through the pages of foreign magazines. Iskusstvo 19 no. 5:73-75 '56.

ART—STUDY AND TEACHING

Exhibitions of children's pictorial art. G. V. Labunskaia. Sov. pedag. 20 no. 9:59-66 S '56.

ART, BOLIVIAN

Bolivian artists. A. Tikhomirov. Ogonek 34 38:27 S '56.

ART, DECORATIVE

Problems of applied and decorative art. S. Temerin. Iskusstvo 19 no. 5:8-11 '56.

ART, ENGLISH—EXHIBITIONS see subdivision under Moscow

ART, INDONESIAN

Wonder art of a country in the South Seas; Moscow exhibition of Indonesian art. A. Chlenov. Nov. vrem. 14 no. 38:21-23 S '56.

ART, POLISH

Treasures of Polish art are returned to Pland. D. Lebedeva. Slaviane no. 9:43-45 S '56.

ART, RENAISSANCE

History and legend in Italian Renaissance paintings. M. Alpatov. Iskusstvo 19 no. 5:61-68 '56.

ART AND STATE

New horizons. G. Georgievskii. Teatr 17 no. 8:46-56 Ag '56.

ART CRITICISM

Diversity of creative searchings. A. Kamenskii. Iskusstvo 19 no. 5:31-41 '56.

ART INDUSTRIES

Disputes about applied art. M. Il'in. Iskusstvo 19 no. 5:7-8 '56.

Let us recreate a forgotten art. G. Balzovskii, D. Nikorov, Svet nad Baik. no. 4:128-132 Jl-Ag '55.

Problems of applied and decorative art. S. Temerin. Iskusstvo 19 no. 5:8-11 '56.

ART INDUSTRIES, KAZAKH

Restore the art industries and handicrafts of Kazakhstan. V. Vostrov. Prom. koop. no. 8:29 Ag '56.

ART INDUSTRIES, LATVIAN

On the development of the art industry in Latvia; a decision of the Council of Ministers of the Latvian S. S. R. Prom. koop. no. 8:30 Ag '56.

ARTEL see subdivision under Near East

ARTEMISIA see subdivision under Turkmenistan

ARTERIOSCLEROSIS

Effect of certain neurotropic substances on cholesterinemia in atherosclerosis. A. L. Miasnikov. Klin. med. 34 no. 6:65-69 Je '56.

Morphology and morphogenesis of coronary atherosclerosis and its role in the development of secondary myocardial changes. K. G. Volkova. Klin. med. 34 no. 5:12-19 My '56.

Principles of prevention and therapy of atherosclerosis. B. V. Il'inskii. Klin. med. 34 no. 5:19-27 My '56.

Significance of electrocardiography in the differential diagnosis of rheumatic and atherosclerotic lesions of the heart in cardiac fibrillation. E. A. Ozol. Terap. arkh. 28 no. 5:37-42 '56.

Stenosing atherosclerosis of the cardiac vessels in subjects of the younger age group. V. IA. Lipets. Klin. med. 34 no. 5:84-87 My '56.

Treatment with small doses of thyroxin for thyroid hypofunction complicated by coronary atherosclerosis. V. L. Baranov, V. M. Dil'man. Probl. endok. i gorm. 2 no. 1: 13-19 Ja-F '56.

Valuable pamphlet ("Prevention of hypertension and atherosclerosis." N. K. Bogolepov, A. A. Rastvorova. Reviewed by G. Maksudov). Fel'd. i akush. 21 no. 8: 61 Ag '56.

ARTHRITIS

Use of butadion in nonspecific infectious polyarthritis. G. K. Alekseev. Sov. med. 20 no. 7:43-46 Jl '56.

ARTHRITIS, RHEUMATOID

Butadione therapy in rheumatic and nonspecific and rheumatoid polyarthritis. A. P. TSareva. Terap. arkh. 28 no. 5:14-23 '56.

ARTHROPODA, FOSSIL

Remains of arthropoda and their preservation. B. I. Chernyshev. Nauk. zap. Kiev. un. 9 no. 10:69-76 '50.

ARTIFICIAL EYES see Eyes, Artificial

ARTIFICIAL INSEMINATION

Center for artificial insemination of cows servicing several collective farms. D. S. Moroz. Veterinariia 33 no. 10:80-82 O '56.

Conception rate of cow inseminated with frozen semen. A. I. Korotkov. Sots. tvar. 28 no. 8:41-43 S '56.

Organize artificial insemination stations in veterinary hospitals. Nauka i pered. op. v sel'khoz. no. 8:84 Ag. '56.

Pozdniakov, P.M. [Artificial insemination of sheep] Iskusstvennoe osemenenie ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 30 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

ARTIFICIAL LEATHER see subdivision 'Leather, Artificial' under Tashkent

ARTIFICIAL LIMBS

The prosthesis of patients amputated because of obliterating endarteritis. V. Nikitin. Sots. obesp. 17 no. 8:35-36 Ag '56.

Rubber foot. A. Sokov. Sots. obesp. 17 no. 5/6:66-67 My-Je '56.

ARTIFICIAL RESPIRATION see Respiration, Artificial

ARTILLERY DRILL AND TACTICS

Fire control of a battery of 82 mm. and 120 mm. mortars on the offensive. M. Svetushkov. Voen. vest. 36 no. 9:48-53 S '56.

Position area survey of a mortar battery on the basis of its fire. I. Zasedatelev. Voen. vest. 36 no. 8:61-65 Ag '56.

ARTISTS, INDIC see subdivision under Moscow

ARTOBOLEVSKII, VLADIMIR MIKHAILOVICH, 1874-1952

In memory of Vladimir Mikhailovich Artobolevskii. A. P. Markevich, A. P. Korneev. Nauk. zap. Kiev. un. 12 no. 7:213-217 '53.

ARYAN LANGUAGES—NUMERALS

The Indo-European decimal system of numerals. V. P. Mažiulis. Vop. iaz. 5 no. 4:53-59 Jl-Ag '56.

ARZAMAS—LECTURES AND LECTURING

Outdated and poorly organized. N. Stepanova. Klub 6 no. 9:27 S '56.

ARZAMAS PROVINCE—COOPERATIVE SOCIETIES

Operate thriftily and economically. P. Chulkov. Prom. koop. no. 8:7-8 Ag '56.

ARZNI REGION—BASALT

Andesite basalts of Arzni (Armenia) containing quartz. L. A. Vardaniants. Dokl. AN Arm. SSR 11 no. 1:25-28 '49.

ARZNI REGION—SUSLIKS, FOSSIL

Suslik of the upper Quaternary deposits in the southern part of Transcaucasia. S. K. Dal'. Dokl. AN Arm. SSR 11 no. 2:67-71 '49.

ASBESTOS

Adsorption of gases by asbestos. V. P. Rozhdestvenskii. Geokhim. met. poisk. nefti i gaza no. 2:55-58 '54.

Asbestos covering of surfaces. Arkhit. i bud. 4 no. 1:31 Ja-F '56.

ASCARIDS AND ASCARIASIS

Conditions favorable for the emergence of Ascaris lumbricoides larvae from eggs. D. G. Timoshin. Med. paraz. i paraz. bol. 25 no. 3:239-244 Jl-S '56.

Expulsion of ascarids by oxygen. A. M. Korolev. Fel'd. i akush. 21 no. 7:44-45 Jl '56.

Rate of development of Ascaris lumbricoides eggs at various temperatures. E. I. Gordon. Med. paraz. i paraz. bol. 25 no. 3:234-238 Jl-S '56.

Simplified method for an immunological diagnosis of helminthiases. Report no. 2: Use of the agglutination reaction with carmine for the early diagnosis of ascariasis among children. E. S. Leikina, V. I. Zorikhina. Med. paraz. i paraz. bol. 25 no. 3:245-248 Jl-S '56.

Testing chlorophos in parascariasis in horses. I. S. Ivashkov. Veterinariia 33 no. 10:51-52 O '56.

ASCIDIANS

Embryonic development of pyrosomids (Pyrosomida, Tunicata) [with English summary in insert]. O. M. Ivanova-Kazas. Zool. zhur. 35 no. 8:1193-1202 Ag '56

ASCORBIC ACID

Comparative rating of methods for preserving material for ascorbic acid analysis. IU. F. Udalov, S. V. Bykova. Lab. delo 2 no. 3:9-11 My-Je '56.

Effect of ascorbic acid on the activity of adenosinetriphosphatase in the heart and skeletal muscles of guinea pigs [with French summary in insert]. V. E. Sokolova. Biokhimiia 21 no. 4:465-468 Jl-Ag '56.

Effect of prolonged drug-induced sleep and ascorbic acid on the ammonia and glutamine contents of the blood. L. IA. Tiakhepyl'd. Vop. med. khim. 2 no. 4:305-308 Jl-Ag '56.

Evaluation of cupping. A. A. Krylov. Lab. delo 2 no. 1: 14-17 Ja-F '56.

Method for determining ascorbic acid in colored plant extracts. L. G. Bregetova. Izv. Otd. est. nauk AN Tadzh SSR no. 11:85-88 '55.

The role of vitamin C deficiency in sterility. A. P. Kolesov. Sov. med. 20 no. 8:77-79 Ag '56.

Simple test for revealing certain peculiarities of ascorbic acid secretion in various diseases. M. M. Eidel'man. Lab. delo 2 no. 3:7-8 My-Je '56.

Vitamin C and malaria. A. T. Simonian. Dokl. AN Arm. SSR 9 no. 2:93-95 '48.

Vitamin C in connection with urinary calculus. Z. Kh. Ikramov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:155-158 '55.

ASH (TECHNOLOGY)

Using the ash from Cottrell filters of electric power stations as filler in preparing dusts. K. A. Gar and others. [Trudy] NIUIF no. 156:73-80 '55.

ASH (TREE) see subdivision under Charyn Valley

ASH DISPOSAL

Preventing deposits in hydraulic ash-sluicing systems. I A. Trub. Elek. sta. 27 no. 7:62-63 Jl '56.

ASHES (FERTILIZER)

Mechanized spreading of shale ash. V. Kosar. Ud. i ur. 1 no. 7:55-57 Jl '56.

ASHKHABAD—LEISHMANIASIS

On the problem of a tuberculoid form of leishmaniasis. Sh. M. Karimov, M. E. Eroshov. Vest. ven. i derm. 30 no. 4:57-58 Jl-Ag '56.

ASHKHABAD—SPORTS

There were a hundred-thousand people; notes from the Spartakiada of the Turkmen S. S. R. A. Galitskii, V. Frolov. Sp. igry 2 no. 6:2-5 Je '56.

ASHT DISTRICT—IRRIGATION

Hydrogeological conditions in the Kamysh-Kurgan land masif and the use of its ground water for irrigation. I. K. Poletaev. Dokl. AN Tadzh. SSR no. 15:27-31 '56.

ASHT DISTRICT—WATER, UNDERGROUND

Hydrogeological conditions in the Kamysh-Kurgan land masif and the use of its ground water for irrigation. I. K. Poletaev. Dokl. AN Tadzh. SSR no. 15:27-31 '56.

ASIA—COMMERCE

Revolution in Asia. Harold Davis. V zashch. mira no. 64:9-12 S '56.

ASIA—CULTURE

Do you know Asia? Mol. mira no. 7:12-13 '56.

ASIA—DISCOVERY AND EXPLORATION

"In the footsteps of explorers and mariners of the East." IA. M. Svet. Reviewed by A. N. Bernshtam. Izv. Vses. geog. ob-va 88 no. 4:410-411 Jl-Ag '56.

ASIA—ECONOMIC CONDITIONS

Important book on the socialist structure in the peoples' democracies of Asia ("Development of the economy of the peoples' democracies of Asia; a survey for 1955." Reviewed by F. Pavlov, B. Grebennikov). Mezhdunar. zhizn' no. 9:135-139 S '56.

ASIA—FOREIGN ECONOMIC RELATIONS—RUSSIA

Hearts are open for friendship. Smena 33 no. 11:9-10 Je '56.

ASIA—LACEWING FLIES

Asiatic species of the genus Symppherobius Banks (Neuroptera, Hemerobiidae) [with summary in English]. I. V. Kozhanchikov. Ent. obozr. 35 no. 3:696-705 '56.

ASIA—PHYSICAL GEOGRAPHY

"Physical geography of Asia (excluding the U. S. S. R.)." D. L. Armand and others. Reviewed by A. M. Riabchikov. Izv. AN SSSR, Ser. geog. no. 4:152-153 Jl-Ag '56.

ASIA—POLITICS
Revolution in Asia. Harold Davis. V zashch. mira no. 64:8-12 S '56.

ASIA—TETTIGONIIDAE
Two new species of the genus Letana Walk. (Orthoptera, Tettigonitidae) from tropical Asia [with summary in English]. G.IA. Bei-Bienko. Ent. oboz. 35 no. 3:648-651 '56.

ASIA, CENTRAL—CLIMATE
Outline of climatic conditions in regions of experimental tea cultivation in Central Asia. A. P. Gal'tsov, V. M. Zhukov. Trudy Glav. bot. sada 5:25-70 '56.

ASIA, CENTRAL—ECONOMIC GEOGRAPHY
Some economic geography prerequisites for the development of tea growing in the regions of Central Asia and Kazakhstan. D. A. Golovkin. Trudy Glav. bot. sada 5:139-151 '56.

ASIA, CENTRAL—OPHTALMOLOGY—HISTORY
Development of ophtalmological services in Central Asia. P. F. Arkhangel'skii. Trudy AN Tadzh. SSR 40:59-63 '55.

ASIA, CENTRAL—PHYTOGEOGRAPHY
Geobotanical and soil characteristics of regions of experimental tea cultivation in Central Asia. G. V. Mikeshin. Trudy Glav. bot. sada 5:71-78 '56.

ASIA, CENTRAL—SOILS
Geobotanical and soil characteristics of regions of experimental tea cultivation in Central Asia. G. V. Mikeshin. Trudy Glav. bot. sada 5:71-78 '56.

ASIA, CENTRAL—TEA
Ecological and geographical prerequisites for the cultivation of tea in Central Asia. G. V. Mikeshin. Trudy Glav. bot. sada 5:3-10 '56.
Fundamental aspects of the acclimatization of the tea plant in Central Asia and orientation characteristics of places suitable for its cultivation. E. P. Korovin. Trudy Glav. bot. sada 5:79-90 '56.
Results of and further prospects for experimental work with the tea plant in Central Asia. G. V. Mikeshin. Trudy Glav. bot. sada 5:153-162 '56.

ASIA, SOUTHEASTERN—MINORITIES
"Minority problems in southeast Asia" [in English]. Virginia Thompson, Richard Adloff. Reviewed by O. A. Artunov. Sov. etn. no. 2:166-168 '56.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIA MINOR—HISTORY
Some features of the economic development of western Asia Minor in the system of the Roman Empire. I. S. Sventsitskaia. Vest. drev. ist. no. 2:18-27 '56.

ASKANIYA NOVA—ANTELOPES
The ordinary exotic. L. Golemba. Vokrug sveta no. 9: 6-7 S '56.

ASKANIYA NOVA—NATIONAL PARKS AND RESERVES
At Askaniya-Nova. N. Petrov. Sov. Ukr. 6 no. 8:100-101 Ag '56.

ASLANISHVILI, IOSIF ANTONOVICH, 1891-1956
Iosif Antonovich Aslanishvili. G. I. Vadachkoriia. Probl. endok. i gorm. 2 no. 3:121-122 My-Je '56.

ASPERGILLUS NIGER
Effect of chlorates on Aspergillus niger receiving different nitrogen nutrition. G. S. Kitavin. Mikrobiologiia 25 no. 3:268-271 My-Je '56.

ASPERGILLUS ORYZAE
Influence of the oxidized and the reduced form of nitrogen present in the medium on amylase production of the mycelium of Aspergillus oryzae [with English summary in insert]. L. S. Smirnova. Mikrobiologiia 25 no. 4: 423-426 Jl-Ag '56.

ASPHALT CONCRETE
Russia (1923- U.S.S.R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. Tekhnicheskoe upravlenie. [Technical specifications for the laying asphalt concrete pavements in the city] Tekhnicheskie pravila ustroistva dorozhnykh pokrytii iz asfal'tobetona, primeniaemogo v gorlachem sostoianii. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 115 p.

ASPINDZA DISTRICT—ARCHITECTURE, MEDIEVAL
Aiandza. Nik. Chubinashvili. Soob. AN Gruz. SSR 17 no. 6:557-564 '56.
Architectural structures in the Pia settlement dating from the ninth and tenth centuries. G. M. Gaprindashvili. Soob. AN Gruz. SSR 17 no. 6:565-572 '56.

ASPIRATORS
Hermetic sealing of aspirators. P. V. Sidiakov, M. N. Adorova. TSement 22 no. 4:14-16 Jl-Ag '56.

ASPIRIN
Effect of aspirin and salol on the secretion of a healthy gastro-intestinal tract and in experimental fever. V. B. Isachenko. Farm. i toks. 19 no. 4:24-26 Jl-Ag '56.

ASSESSMENT
A uniform method of land assessment is needed. S. G. Kolesnev. Nauka i pered. op. v sel'khoz. no. 8:2-3 Ag '56.

ASTHMA
Modern methods of treating bronchial asthma." P. K. Bulatov. Reviewed by B. B. Kogan. Klin. med. 34 no. 6:89-92 Je '56.

ASTRAKHAN—ARCHITECTURE
On the 400th anniversary of the city of Astrakhan. A. Vorob'ev. Arkhit. SSSR no. 8:41-43 '56.

ASTRAKHAN PROVINCE—HORSEFLIES
Study of species composition, and the seasonal and diurnal activity of horseflies (Diptera, Tabanidae) in Astrakhan Province. R. G. Petrova. Ent. oboz. 35 no. 2:359-370 '56.

ASTRAKHAN PROVINCE—RADIO—STUDY AND TEACHING
Cost accounting courses for radio operators. P. Ul'ianov. Radio no. 8:40 Ag '56.

ASTRONOMICAL GEOGRAPHY
History of the discovery of America. G. D. Mamedbeili. Dokl. AN Azerb. SSR 12 no. 7:525-527 '56.

ASTRONOMICAL INSTRUMENTS
Conference on astronomical instrument construction at the observatory in Pulkovo. O. A. Mel'nikov, N. N. Mikhel'son. Astron. zhur. 33 no. 3:460-463 My-Je '56.
Increasing the efficiency of continuous registration of the intensity of cosmic rays by self-quenching counters. A. V. IArygin. Trudy lak. fil. AN SSSR. Ser. fiz. no. 1: 55-60 '55.

ASTRONOMICAL OBSERVATORIES
(see also subdivision under Peiping)
Conferences on the organization of a coronal observation station. Session members visit the base of the coronal observation station near Alma Ata Lake. M. G. Karimov. Izv. Astrofiz. Inst. An Kazakh. SSR 3 no. 4:26-29 '56.
Determination of coordinates for the meteor station of the Stalinabad Observatory. P. B. Babadzhanov, Sh. O. Isamutdinov. Astron. tsirk. no. 170:20 '56.

ASTRONOMICAL PHOTOGRAPHY
Adjusting the polar axis and setting the astrograph for continuous exposures of the polar sequence. Izv. Astrofiz. Inst. AN Kazakh SSR 1 no. 1/2:124-135 '55.
Calculating atmospheric absorption in connection with photographing heavenly objects in panchromatic photolayers. V. I. Ivanikov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:53-61 '56.
Selection of developers for photographs of meteors. V. I. Ivanikov. Biul. Stal. astron. obser. no. 14:12-13 '55.
Time notations for meteor photographs. E. Kramer. Astron. tsirk. no. 160:11-12 '55.
The use of photography in studying the sun. V. A. Krat. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:302-309 Jl-Ag '56.

ASTRONOMICAL PHOTOMETRY see Photometry, Astronomical

ASTRONOMY
(see also subdivision under Kazakhstan)
"Astronomic works." A. A. Belopol'skii. Reviewed by IU. G. Perel'. Astron. zhur. 33 no. 3:446-440 My-Je '56.
Decisions of the out-of town session. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:20-32 '56.
K. F. Gauss's work in the field of astronomy and geodesy. M. F. Subbotin. Vop. ist. est. i tekh. no. 1:64-69 '56.
Minutes of the out-of-town session of the Astronomical Council of the Academy of Sciences of the USSR and the Astrophysics Institute of the Academy of Sciences of the Kazakh. S.S.R. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:7-26 '56.
Plenary session for reports and coordination of the Astronomical Council of the Academy of Sciences of the U.S.S.R., February 6-9, 1956. V. S. Safronov. Astron. zhur. 33 no. 3:453-456 My-Je '56.

ASTRONOMY—ABSTRACTS
[Astronomy and geodesy; abstracts nos. 5364-5938] Referativnyi zhurnal: Astronomiia i geodeziia no. 10 O '56.
[Astronomy and geodesy; abstracts nos. 5939-6586] Referativnyi zhurnal: Astronomiia i geodeziia no. 11 N '56.

ASTRONOMY—CONGRESSES see subdivision under Leningrad

ASTRONOMY—HISTORY
Plenary session of the committee on astronomical history. IU. G. Perel'. Astron. zhur. 33 no. 3:456-459 My-Je '56.

ASTRONOMY—OBSERVATORIES see Astronomical observatories

ASTRONOMY—PERIODICALS
Report on the activities of "Astronomicheskii zhurnal" made at the plenary session of the Astronomical Council of the Academy of Sciences of the U.S.S.R. A. G. Astron. zhur. 33 no. 3:456-458 My-Je '56.

ASTRONOMY, NAUTICAL see Nautical astronomy

ASTROPHYLLITE see subdivision under Lovozero

ASTROPHYSICS
(see also subdivision under Kazakhstan)
Ionization and excitation of heavy elements in solar and stellar atmospheres. A. A. Nikitin. Vest. Len. un. 11 no. 13:134-138 '56.
Principal achievements of the Institute of Astrophysics during its existence from 1945 to 1955. V. G. Fesenkov. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:33-45 '56.

ASTROPHYSICS—CONGRESSES
Conference on the physics of the moon and planets. V. V. Sharonov. Vest. Len. un. 11 no. 13:151-152 '56.

ATAROV, NIKOLAI SERGEEVICH, 1907-
In defense of love ("Tale about a first love." N. Atarov. Reviewed by N. Dolinina). Mol. Len.; al'm. 271-275 '56.

ATASUYSKIY REGION—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy of upper Devonian and lower Carboniferous deposits of the Dzhail'minskaya syncline in the Atasuyskiy region of central Kazakhstan. E. M. Padve, E. A. Sokoleva. Izv. AN SSSR. Ser. geol. 21 no. 7:98-102 Jl '56.

ATHLETES
Ability to see the field. V. Vasil'eva. Sp. igry 2 no. 6: 23-24 Je '56.
The best of the best. Sp. igry 2 no. 6:32 Je '56.
They set world and European records. Sov. Soiuz no. 9: 1 S '56.

ATHLETIC CLUBS see subdivision under France

ATHLETICS see Sports

ATKARSK DISTRICT—PLANTS, ORNAMENTAL
Rudnov, B. V. [Atkarsk ornamental plant nursery] Atkarskii pitomnik dekorativnykh rastenii. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 79 p.

ATLANTIC OCEAN—RESCUE WORK
A ship is drifting toward a cliff. Make Zinger. Ogonek 34 no. 35:25 Ag '56.

ATMOSPHERE
Investigation of atmospheric ozone. M. G. Karimov. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:214-218 '55.

ATMOSPHERE, UPPER
New kind of celestial energy. M. R. V zashch. mira no. 6:36-40 S '56.

ATMOSPHERIC ELECTRICITY
Chain process of charge accumulation in thunder clouds. V. M. Muchnik. Trudy Ukr. NIGMI no. 3:98-102 '55.
Electrification and conductance of storm clouds. I. M. Imianitov. Dokl. AN SSSR 100 no. 1:77-79 Jl-Ag '56.

ATMOSPHERIC PRESSURE
Considering atmospheric fronts in calculating pressure changes in the middle troposphere. V. P. Sadokov. Meteor. i gidrol. no. 7:14-19 Jl '56.
Correlation of semidiurnal variations in the intensity of the hard component of cosmic rays with semidiurnal fluctuations of barometric pressure. A. I. Kuz'min, G. V. Skripin. Trudy lak. fil. AN SSSR. Ser. fiz. no. 1: 23-26 '55.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT
The course of radiation sickness in mice in lowered atmospheric pressure. I. B. Bychkovskaia, G. S. Strelin, I. V. Shiffer. Med. rad. 1 no. 3:85-92 My-Je '56.
Effect of great drops in barometric pressure on the higher nervous activity of animals (white rats) during microintervals of time. I. M. Khasen, E. I. Kuznets. Dokl. AN SSSR 108 no. 5:985-987 Je '56.

ATMOSPHERIC TEMPERATURE
Kondrat'ev, K. IA. [Radiant heat exchange in the atmosphere] Luchistyi teploobmen v atmosfere. Pod red. P. N. Tverskogo. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 419 p.
Prediction and control of thermal conditions of the earth's surface atmosphere. M. E. Berliand. Trudy Ukr. NIGMI no. 3:64-72 '55.

ATMOSPHERIC TRANSPARENCY
Daily effect of the intensity of the hard component of cosmic rays in cloudy and clear weather. D. D. Krasil'nikov. Trudy lak. fil. AN SSSR. Ser. fiz. no. 1:19-22 '55.
Determining the atmospheric transparency coefficient on the basis of sky brightness in presence of a snow cover. G. Sh. Lifshits. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:232-238 '55.

ATMOSPHERIC TRANSPARENCY (Continued)

Relation between the light scattering coefficient for various angles and the optical thickness of the atmosphere. E. V. Piaskovskaia-Fesenkova. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:203-213 '55.

Some facts on light scattering in the atmosphere. E. V. Piaskovskaia-Fesenkova. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:188-202 '55.

Various methods for determining the atmospheric transparency coefficient. E. V. Piaskovskaia-Fesenkova. Izv. Astrofiz. Inst. An Kazakh. SSR 3 no. 4:73-82 '56.

ATOMIC BOMB—SAFETY MEASURES

High-priority emergency and rescue work at the point of destruction by an atomic blast. L. Filippov. Voen. znan. 31 no. 6:15-16 Je '56.

ATOMIC ENERGY—EXHIBITIONS

Atomic energy in agriculture. S. S. Rzhishchev, V. S. Aleshin. Nauka i pered. op. v sel'khoz. no. 8:68-72 Ag '56.

ATOMIC ENERGY RESEARCH see subdivision under Great Britain

ATOMIC LOCOMOTIVES

Atomic-powered locomotive. V. A. Iz"iurov. Elektrichestvo no. 7:92-93 Jl '56.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER

The bridge to peace. V. Emel'ianov. Nov. vrem. 14 no. 36:16-18 Ag '56.

Chemical problems connected with the utilization of nuclear power for peaceful purposes. IU. K. Delimars'kyi. Visnyk AN URSR 27 no. 7:19-26 Jl '56.

Some problems in the development of atomic energy in the U. S. S. R. I. V. Kurchatov. Elektrichestvo no. 7: 1-5 Jl '56.

ATOMIC POWER—EXHIBITIONS see subdivison under Moscow

ATOMIC POWER—INTERNATIONAL CONTROL (see also subdivision under Nagasaki, Japan)

Documents: Negotiations between the governments of the U. S. S. R. and the U. S. A. on the atomic problem. Nov. vrem. 14 no. 42:insert:22 O '56.

ATOMIC POWER—LAWS AND LEGISLATION see subdivision under Germany, West

ATOMIC POWER INDUSTRY (see also subdivision under Great Britain; Switzerland; United States)

Atomic power industry in the sixth five-year plan. A. Bulanov. Voen. znan. 31 no. 6:2-3 Je '56.

Economics and geography of the atomic power industry of capitalist countries. V. Pokshishevskii. Kommunist 33 no. 13:58-68 S '56.

ATOMIC SPECTRUM see Spectrum, Atomic

ATOMIC THEORY

Approximate formulae for the pressure and internal energy of a gas in the generalized statistical model of the Thomas-Fermi atom. N. N. IAnenko. Dokl. AN SSSR 109 no. 5:916-918 Ag '56.

ATOMIC VOLUME

Relation between heat generation and atomic volume of metals. M. G. Ramazanzade. Trudy Azerb. ind. inst. no. 8:119-122 '54.

ATOMIC WARFARE

Atomic proving ground in Italy. Nov. vrem. 14 no. 36: 22 Ag '56.

Operations conditioned by the use of atomic weapons; translated from the French. Voen. vest. 36 no. 8:78-83 Ag '56.

Some methods of attack by a rifle company. G. Ionov. Voen. vest. 36 no. 9:40-43 S '56.

ATOMIC WEAPONS

Where, indeed, is the inconsistency? Nov. vrem. 14 no. 37:16-17 S '56.

ATOMISM

Marian Smoluchowski's struggle for scientific atomism. Waldyslaw Krajewski. Vop. filos. no. 4:104-117 '56.

ATOMS—SPACE ARRANGEMENT see Stereochemistry

ATROPINE—PHYSIOLOGICAL EFFECT

Effect of vegetative poisons on the secretion of bile during the postembryonal period of the organism. I. A. Medianik. Dop. ta pov. L'viv. un. no. 5, pt. 2:36-39 '55.

ATTACK AND DEFENSE (MILITARY SCIENCE)

Approach march formation of a rifle company on the offensive. K. Chirkov, A. Kovalev. Voen. vest. 36 no. 8:52-58 Ag '56.

Problems in attacking the enemy's main line of resistance. A. Golovin. Voen. vest. 36 no. 9:43-46 S '56.

Problems in attacking the main line of resistance. S. Pitsura. Voen. vest. 36 no. 8:48-52 Ag '56.

The soldier in defense. F. Gavrikov. Voen. znan. 31 no. 6:10-11 Je '56.

Some methods of attack by a rifle company. G. Ionov. Voen. vest. 36 no. 9:40-43 S '56.

ATTAR OF ROSES see subdivision under Bulgaria

AUREOMYCIN

Biomycin for treating acute dysentery in adults. N. I. Richenko, N. V. Petrovskaia, V. I. Formaziuk. Klin. med. 34 no. 7:91 Jl '56.

Effectiveness of biomycin in paratyphoid fever in calves. N. I. Ovsianov. Veterinariia 33 no. 9:36-38 S '56.

Intramuscular administration of biomycin and terramycin. N. I. Givental'. Antibiotiki 1 no. 3:38-42 My-Je '56.

Sorption and chromatography of aureomycin. G. V. Samsonov, S. E. Bresler, N. A. Rozentsveig. Koll. zhur. 18 no. 4:470-473 Jl-Ag '56.

Statics and dynamics of the ion exchange of aureomycin and terramycin with hydrogen and sodium ions on cationites. G. V. Samsonov and others. Koll. zhur. 18 no. 4:474-479 Jl-Ag '56.

AURIN

M. G. Kichenko's rosolic acid medium for detecting the coli bacillus in water in which hands and articles of general use were washed. L. S. Kreinin. Gig. i san. 21 no. 9:81 S '56.

AURORAS

Aurora Borealis of March 3, 1956. V. F. Chistiakov. Astron. tsirk. no. 169:22-23 '56.

AUSTENITE

Effect of the internal structure of austenite grains on the strength of solid solutions at high temperatures. G. V. Kurdiumov, E. Z. Kaminskii, V. M. Rozenberg. Dokl. AN SSSR 109 no. 1:85-87 Jl-Ag '56.

Growth of austenite grains in the "45" steel subjected to annealing by high-frequency current. E. N. Druzhinina. [Trudy] MVTU no. 41:109-116 '55.

AUSTRALIA—BUTTERFLIES

Fluttering giants. Vokrug sveta no. 9:59 S '56.

AUSTRALIA—ECONOMIC CONDITIONS

Australian encounters. T. Eremeev. Sov. profsoiuzy 4 no. 8:79-83 Ag '56.

AUSTRALIA—GEOGRAPHY

Maikovskii, N. V. [Commonwealth of Australia] Avstraliiskii Soiuz. Moskva, Izd-vo "Znanie," 1956. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, no. 27)

AUSTRALIA—LABOR LAWS AND LEGISLATION

Monstrous antitrade-union laws. Vsem. prof. dvizh. no. 8:28-30 Ag '56.

AUSTRALIA—LONGSHOREMEN

Monstrous antitrade-union laws. Vsem. prof. dvizh. no. 8:28-30 Ag '56.

AUSTRALIA—PHYSICAL GEOGRAPHY

"Africa: Physical geography sketch," "Australia and Oceania," S. T. Belozerov. Reviewed by IU. D. Dmitrevskii. Izv. Vses. geog. ob-va 88 no. 4:394-396 Jl-Ag '56.

AUSTRALIA—RELATIONS (GENERAL) WITH RUSSIA

Australian workers meet Soviet delegates enthusiastically. Tom Wright. Sov. profsoiuzy 4 no. 8:84 Ag '56.

AUSTRALIA—SHEEP

Workers on sheep breeding farms struggle against the lowering of wages. E. J. Hanson. Vsem. prof. dvizh. no. 8:24-27 Ag '56.

AUSTRALIA—TRADE UNIONS—CONGRESSES

Australian encounters. T. Eremeev. Sov. profsoiuzy 4 no. 8:79-83 Ag '56.

Australian workers meet Soviet delegates enthusiastically. Tom Wright. Sov. profsoiuzy 4 no. 8:84 Ag '56.

AUSTRALIA—WAGES

Workers on sheep breeding farms struggle against the lowering of wages. E. J. Hanson. Vsem. prof. dvizh. no. 8:24-27 Ag '56.

AUSTRIA—CONCRETE CONSTRUCTION

Concrete stones to replace forms. Arkhit. i bud. 4 no. 2:29 Mr-Ap '56.

AUSTRIA—HISTORY

"History of Austria," vols. 1 and 2 [in German]. Hugo Hantsch. Reviewed by R. A. Averbukh. Vop. ist. no. 7:166-169 Jl '56.

New foreign works on the history of Austro-Hungary. K. Vinogradov. Vest. Len. un. 11 no. 14:123-129 '56.

AUSTRIA—MOUNTAINEERING

Development of mountaineering in Austria from 1946 to 1956. Erich Vanis. Teor. i prak. fiz.-kul't. 19 no. 8: 623-629 '56.

AUTHORS

Archivists and writers meet. G. V. Ist. arkh. no. 4:290 Jl-Ag '56.

Brief notes on authors. Inostr. lit. no. 9:208 S '56.

In memory of three great figures of the cultural world. Kitai no. 7:24 Jl '56.

Skorino, L. I. [Seven portraits] Sem' portretov. Moskva, Sovetskii pisatel', 1956. 409 p.

AUTHORS—CONGRESSES

To the Central Committee of the Communist Party of the Soviet Union. Nov. Sib. 32:9-12 '55.

To the Second All-Union Congress of Soviet Writers Nov. Sib. 32:3-8 '55.

AUTHORS, CZECH

Message from the Central Committee of the Communist Party of Czechoslovakia. Inostr. lit. no. 9:189-193 Ag '56.

AUTHORS AND THE THEATER

Answers to opponents. Alekseĭ Arbuzov. Novyi mir 32 no. 8:219-221 Ag '56.

Arbuzov is mistaken! V. Pluchek. Novyi mir 32 no. 8:214-219 Ag '56.

Friends and not opponents. A. Anastas'ev. Novyi mir 32 no. 8:211-214 Ag '56.

It's really not a question of the job. V. Rozov. Novyi mir 32 no. 8:207 Ag '56.

My own and others' failings. A. Shtein. Novyi mir 32 no. 8:203-207 Ag '56.

Our opinion. Novyi mir 32 no. 8:221-222 Ag '56.

The playwright must return to the theater. Alekseĭ Arbuzov. Novyi mir 32 no. 8:198-203 Ag '56.

Revolt against stage direction? A. Karaganov. Novyi mir 32 no. 8:208-211 Ag '56.

Why I parted with the Theater of the Soviet Army. IU. Chepurin. Novyi mir 32 no. 8:207-208 Ag '56.

AUTHORSHIP

For a literature of living truth. Jan Drda. Inostr. lit. no. 8:193-195 Ag '56.

Inspiration and craftsmanship. Vera Inber. Znamia 26 no. 9:157-169 S '56.

International questionnaire conducted by "Inostrannaia literatura," Jack Lindsay and others. Inostr. lit. no. 8:226-242 Ag '56.

[The writer's work; a collection of articles and addresses by Soviet authors] O pisatel'skom trude; sbornik statei i vystuplenii sovetskikh pisatelei. [Red. M. IA. Malkhazova.] Moskva, Sovetskii pisatel', 1955. 377 p. (NN)

"Writing is a calling" ("Golden rose," K. Paustovskii. Reviewed by I. Kuz'michev). Mol. Len. ;al'm. 261-264 '56.

AUTOCLAVES

Automatic control of steaming processing of autoclave products. L. Vanasel'ia. Strol. mat., izdel. i konstr. 2 no. 7:14-17 Jl '56.

Automatic measurement and regulation of liquid levels by using radioactive tracers. S. I. Rempel', A. M. Samoilov. TSvet. met. 29 no. 7:83-84 Jl '56.

AUTOGENOUS WELDING see Welding

AUTOMATIC CONTROL

Aizerman, M. A. [Lectures on the theory of automatic control] Lektsii po teorii avtomaticheskogo regulirovaniia. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 427 p.

Automatic control in petroleum production. A. P. Tkachenko. Neftianik 1 no. 4:26-28 Ap '56.

Automatic control of steaming processing of autoclave products. L. Vanasel'ia. Strol. mat., izdel. i konstr. 2 no. 7:14-17 Jl '56.

Automatic control systems containing digital computers. IA. Z. TSypkin. Avtom. i telem. 17 no. 8:665-679 Ag '56.

Automatic device for reducing the oxygen content in the feed water of main boilers. G. G. Voskresenskii. Sudostroenie 22 no. 8:11-12 Ag '56.

Automatic feeder designed by T. Klimenko, G. Liubenko, I. El'kin, G. Tomaev. Mast. ugl. 5 no. 9:23 S '56.

Automatic heat control for glass furnaces. M. I. Korobko. Trudy Inst. isp. gaza AN URSR 2:33-63 '54.

Automatic mixing of molding materials on laboratory FB-2 jockey pulleys. N. T. Zharov. Trudy Ural. politekh. inst. no. 60:27-36 '56.

Automatic regulation of heat conditions in tubular furnaces for zinc sublimation from zinc production cakes. I. K. Petrov. TSvet. met. 29 no. 7:42-46 Jl '56.

Automatic sampling device for large-sized ore lumps. S. Z. Malkin. TSvet. met. 29 no. 9:73-75 Ag '56.

Automatic proportioning of blended coal charge components. A. P. Gusev, G. K. Duryshin. Koks i khim. no. 5:9-12 '56.

Automatic stopping device for preventing paper tearing in the web press. A. L. Bereslavskii. Poligr. proizv. no. 4:19-20 Jl-Ag '56.

Automation of rotary substations of electric separators. A. A. Smirnov. Energetik 4 no. 8:4-7 Ag '56.

Automatization in the manufacture of vulcanized footwear. I. A. Veinberg. Leg. prom. 16 no. 7:4-6 Jl '56.

Automatization of industrial processes in nonferrous metal enterprises. TSvet. met. 29 no. 9:1-6 S '56.

Automatization of open-hearth furnaces at the Zaporozhstal' Plant. B. V. Kiorsnko and others. Stal' 16 no. 8:689-697 Ag '56.

Calculating the current in an inductive load switched in through a bridge rectifier. L. V. Safris. Trudy RIIZHT no. 20:107-112 '56.

Calculating the dynamic braking of asynchronous motors of automatic-control systems used in mine hoisting machines. V. M. Kuntsevich. Avtomatyka no. 2:21-24 '56.

Calculation of transients in nonlinear control systems. IA. Z. TSypkin. Avtom. i telem. 17 no. 6:500-512 Je '56.

Centralized and automatic control of machines in a coal-preparation section. V. I. Alekseev, IU. E. Avdeev. Koks i khim. no. 5:12-15 '56.

Comparative analysis of some improved methods of two-position control. A. A. Kampe-Nemm. Avtom. i telem. 17 no. 6:680-690 Ag '56.

Comparing three control methods used in automatic control systems. V. I. Ivanenko. Avtomatyka no. 1:34-39 '56.

Conference of the automatization of industrial processes in nonferrous metallurgy. Priborostroenie no. 8:31-32 Ag '56.

Conference on automatization of production processes in ferrous metallurgy. V. IU. Kaganov. Priborostroenie no. 9:27-28 S '56.

Conference on automatization of production processes in the chemical industry. Priborostroenie no. 9:26-27 S '56.

Construction of standard relays for automatization in founding. N. T. Zharov. Trudy Ural. politekh. inst. no. 60:37-46 '56.

Continuous automatic batching of moist concentrates. I. A. Burovoi, I. M. Bernshtein. TSvet. met. 29 no. 7: 47-53 Jl '56.

Controllable asynchronous motors with premagnetized rotors or with stator magnetic-flux shunting. Avtomatyka no. 1:91-93 '56.

Controllable magnetic drive with a short-circuited asynchronous motor used for coal dust, peat and raw coal feeders in electric power plants. Avtomatyka no. 1:89-90 '56.

Controlling asynchronous motors by rotor premagnetization. O. G. Ivakhnenko, I. K. Parra. Avtomatyka no. 1: 52-68 '56.

A delay unit with computing amplifiers and capacitors. IA. I. Grinia, P. N. Kopat-Ciora. Avtom. i telem. 17 no. 6:524-531 Je '56.

Designing basic instruments for the automatization of diesel engines. M. I. Levin, N. F. Morozov. Priborostroenie no. 9:23-24 S '56.

Determining the stability ranges for certain types of nonlinear automatic control systems. M. M. Chumakov. Avtomatyka no. 1:20-33 '56.

Electric power station served by automatic control. Sots. Uz. 15 no. 9:7 S '56.

Evaluation of the technical and economic efficiency of automatic control devices. E. D. Zeildzon. Elek. sta. 27 no. 7:27-31 Jl '56.

First coordinating conference of Ukrainian scientific technical workers for discussions on the theory and practice of automatic control. Avtomatyka no. 2:96-98 '56.

Hydraulic system of automatic control for rapid filter systems. A. S. Moskvitin. Vod. i san. tekh. no. 7:4-7 Jl '56.

Hydrodynamic control system for steam turbines in the Kaluga turbine construction plant. N. M. Taranenko. Energomashinostroenie no. 7:12-16 Jl '56.

Laboratory practice. O. G. Ivakhnenko. Avtomatyka no. 2:82-90 '56.

Methods of studying the stability of automatic control systems having distributed parameters. IA. B. Kadymov. Dokl. AN Azerb. SSR 12 no. 8:643-645 '56.

Mil'man, IA. V., and I. A. Petrov. [Automatic electric drive for textile machinery] Avtomatika elektroprivoda tekstil'nykh mashin. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 391 p.

More widespread automatization of refrigerating plants. Khol. tekh. 33 no. 3:1-4 Jl-S '56.

Nekrasov, M. I. [Automatic control of belt conveyers] Avtomaticheskoe upravlenie lentochnym pod"emom. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

Pilot plant operation in one of the enterprises of nonferrous metallurgy. L. I. Grosman. TSvet. met. 29 no. 7:3-6 Jl '56.

Protection of electric motors by the use of a totalizer with symmetrical components. IA. M. Smorodinskii, R. T. Znamenok, V. P. Bukhgol'ts. Ugol' 31 no. 8:38-40 Ag '56.

Purpose and tasks of the periodical. Avtomatyka no. 1: 3-4 '56.

Scientific seminar on the theory of automatic control held in Kiev. Avtomatyka no. 1:99-102 '56.

Some errors in the three-wire technique used for the automatic control of screw cutting. G. G. Maksimovich. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5:247-255 '55.

Static strength in control systems with "dropping" characteristics. V. I. Ivanenko. Avtomatyka no. 2:15-20 '56.

Theory of automatic control of mine skip hoists. O. M. Kryzhanovs'kyi. Avtomatyka no. 1:5-25 '56.

Theory of automatic devices used for measuring the deflection angles of objects moving on a guide. Avtomatyka no. 2:31-43 '56.

Using automatically controlled diesel generators. P. I. Bazhanov, F. S. Egorov. Energetik 4 no. 9:1-2 S '56.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC CONTROL—MODELS

An electronic analog for backlash computation. S. P. Onufriiuk, A. A. Fel'dbaum. Avtom. i telem. 17 no. 6: 513-523 Je '56.

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATION

Automation and the working class. A. Zvorykin. Nov. vrem. 14 no. 37:5-9 S '56.

Kuznetsov, S. V. [Automatization of superphosphate production] Avtomatizatsiia proizvodstva superfosfata. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 90 p.

Osnach, N. A. [Automatization of furniture manufacturing; the experience of the Bozhenko Furniture Factory in Kiev] Avtomatizatsiia mebel'nogo proizvodstva; opyt kievskoi mebel'noi fabriki im. Bozhenko. Moskva, Goslesbumizdat, 1956. 94 p.

AUTOMOBILE DRIVERS

(see also subdivision under Uzbekistan)

Scientific and popular library for the automobile driver. Avt. transp. 34 no. 8:39 Ag '56.

AUTOMOBILE ENGINEERING RESEARCH

Scientific research and experimental work done by the institutes and factories of the automobile and tractor industry. List no. 5, 1956. Avt. i trakt. prom. no. 8: 46 Ag '56.

AUTOMOBILE INDUSTRY

(see also subdivision under Gorkiy)

Inventions and efficiency proposals introduced in enterprises of the automobile and tractor industry. Avt. i trakt. prom. no. 7:44-45 Jl '56.

Mutual aid in the struggle for technological progress. G. Sofonov. Sov. profsoiuzy 4 no. 7:25-27 Jl '56.

Scientific and technical conference on applied economics. A. I. Samokhotskii, B. I. Rodin. Sred. spets. obr. no. 9: 51-54 S '56.

Situation in the automobile industry and suggestions proposed by workers. Vsem. prof. dvizh. no. 8:38-39 Ag '56.

What we learned from the Muscovites. M. Maksimov. Sov. profsoiuzy 4 no. 7:26-30 Jl '56.

AUTOMOBILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Automobile industry

AUTOMOBILE TRUCKS see Motortrucks

AUTOMOBILES

(see also subdivision under United States)

Automobiles yesterday, today and tomorrow. Z. Rauch, F. Richter. Mol. mira no. 7:23-24 '56.

Calculating the maximum speed of an automobile. V. V. Bokman. Avt. i trakt. prom. no. 8:13 Ag '56.

Improving the ZIS-150 automobile. A. G. Zarubin. Avt. i trakt. prom. no. 7:17-21 Jl '56.

Karlagin, A. V., and G. M. Solov'ev. [A manual for drivers, third class] Posobie dlia shofera tret'ego klassa. Izd. 3-e, ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 430 p.

Merits and defects of a teaching manual ("Practical laboratory exercises applied to tractors and automobiles." V. M. Semenov. Reviewed by D. I. Mel'nikov). Sred. spets. obr. no. 9:66-69 S '56.

Tiny automobiles with small cylinder capacity. S. Karzinkin. Avt. transp. 34 no. 8:33-35 Ag '56.

AUTOMOBILES—APPARATUS AND SUPPLIES

Device for siphoning gasoline and scavenging fuel lines. A. Gal'burt. Avt. transp. 34 no. 8:29 Ag '56.

Holder for sparkplugs and tools. A. Gubin. Avt. transp. 34 no. 7:34 Jl '56.

Stand for testing and regulating automobile control equipment. B. Petrov. Avt. transp. 34 no. 8:26 Ag '56.

AUTOMOBILES—BATTERIES

Efficient storage of lead batteries. L. Babaeva, S. Selitskaia. Avt. transp. 34 no. 8:12-13 Ag '56.

Testing storage batteries in automobile enterprises. V. Boev, V. Vasil'ev. Avt. transp. 34 no. 8:32 Ag '56.

AUTOMOBILES—BODIES

Repairing the body of M-20 automobiles in VARZ plants. A. Kats, S. Sokolin. Avt. transp. 34 no. 7:23-25 Jl '56.

AUTOMOBILES—BRAKES

Device for repairing main braking and wheel braking cylinders on the GAZ-51 automobile. IA. Asnovich, A. Grachev. Avt. transp. 34 no. 7:25-26 Jl '56.

Kruze, I. L. [Automobile brakes] Tormozhenie avtomobilia. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 54 p. (Nauchno-populiarnaia biblioteka avtomobilista)

AUTOMOBILES—DESIGN AND CONSTRUCTION

An inferior textbook ("Theory and design of automobiles," E. V. Mikhailovskii). Avt. transp. 34 no. 8:37-38 Ag '56.

AUTOMOBILES—ELECTRIC EQUIPMENT

Conveyer device for drying the armatures of G-21 generators. P. A. Zviagin. Avt. i trakt. prom. no. 7:41-43 Jl '56.

Electric relay regulator circuit. N. Borisov. Avt. transp. 34 no. 7:32 Jl '56.

Testing device for generator and starter armatures. A. Zhernovkov. Avt. transp. 34 no. 8:17-18 Ag '56.

Zotov, B. S., and N. M. Il'in. [Electric equipment of automobiles and tractors] Elektrooborudovanie avtomobilei i traktorov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 254 p.

AUTOMOBILES—ENGINES

(see also subdivision under United States)

Avoiding rejects in casting ZIS-120 cylinder heads. G. V. Proslanik. Lit. proizv. no. 8:28-29 Ag '56.

Development of the design of two-cycle internal combustion engines of the tractor type. A. S. Orlin. Avt. i trakt. prom. no. 7:10-17 Jl '56.

Direct fuel injection in two-stroke engines. I. M. Lenin, V. A. Lomovskii. Avt. i trakt. prom. no. 7:23-27 Jl '56.

Effect of lubrication quality on the wear of crankpins. F. N. Avdon'kin. Avt. i trakt. prom. no. 7:22-23 Jl '56.

Effect of the direction of fuel spray on engine function. F. S. Fedotenko. Avt. i trakt. prom. no. 7:27-30 Jl '56.

IAroslavskii avtomobil'nyi zavod, Yaroslavl'. [IaAZ-204 engines; instructions for operation] Dvigateli IaAZ-204; instruktsiia po ukhodu. Izd. 4-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 219 p.

Increasing engine economy by switching out separate cylinders. G. Smolkin and others. Avt. transp. 34 no. 8:15-16 Ag '56.

Reconditioning replaceable filter elements used for fine fuel purification. D. Gurevich. Avt. transp. 34 no. 8: 30-31 Ag '56.

AUTOMOBILES—ENGINES—OIL FILTERS

Filter for cleaning used oil. G. Zverev. Avt. transp. 34 no. 8:27-28 Ag '56.

AUTOMOBILES—FUEL CONSUMPTION

Afanas'ev, L. L. [Automobile competitions in the saving of gasoline] Avtomobil'nye sorevnovaniia na ekonomiiu benzina. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo "Fizkultura i sport," 1956. 83 p.

Experimental investigation of fuel economy in automobiles moving across soft ground. V. I. Grebenshchikov. Avt. i trakt. prom. no. 8:6-7 Ag '56.

AUTOMOBILES—IGNITION

Increasing the spark gap of spark plugs and the requirements for automobile ignition systems. A. I. Vaneev, A. S. Skoblikov. Avt. i trakt. prom. no. 8:26-28 Ag '56.

AUTOMOBILES—LUBRICATION

Conditions under which carbon particles are formed in working oils. E. G. Seminido. Avt. i trakt. prom. no. 8:11-12 Ag '56.

Improve the quality of automobile lubricants. O. Obleukhova. Avt. transp. 34 no. 7:18-19 Jl '56.

AUTOMOBILES—MAINTENANCE

An improved inspection pit. L. Stankevich. Avt. transp. 34 no. 7:34 Jl '56.

AUTOMOBILES—REPAIRING

(see also subdivision under Arctic regions; Ulan-Ude)

Card file on exchange of experience on operating and repairing automobiles. N. Dotsenko, B. Ushakov. Avt. transp. 34 no. 8:38-39 Ag '56.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Technical instructions for repairing, assembling and testing the ZIS-150 automobile] Tekhnicheskie usloviia na remont, sborku i ispytanie avtomobilia ZIS-150. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 271 p.

Reconditioning parts is one of the basic resources in the automobile repair industry. K. Koshkin. Avt. transp. 34 no. 8:20-23 Ag '56.

What our practice shows. A. Glugan. Sots. trud. no. 8: 81-83 Ag '56.

AUTOMOBILES—STUDY AND TEACHING

Increase the correspondence-school training of engineers A. Nikitin. Avt. transp. 34 no. 8:25 Ag '56.

AUTOMOBILES—TIRES

Device for placing spare tires in the baggage compartment of the ZIS-155 automobile. M. Savushkin. Avt. transp. 34 no.7:33 Jl '56.

Tires for cross-country type vehicles. V.I.Knoroz. Avt. i trakt.prom. no.8:1-5 Ag '56.

AUTOMOBILES—TRAILERS

Designing trailer body supports. M.B.Shkol'nikov. Avt. i trakt.prom. no.7:33-37 Jl '56.

Recommended inventions and technical improvements. Nov. tekh. i pered. op. v stroi. 18 no.9:28-30 S '56.

AUTOMOBILES—TRANSMISSION DEVICES

Characteristic operation of complex hydraulic transmission systems. S.M.Trusov. Avt. i trakt.prom. no.8:14-16 Ag '56.

Hydraulic torque converter in automobile power transmission systems. V.Petrov. Avt.transp. 34 no.7:27-30 Jl '56.

AUTOMOBILES—WHEELS

Moscow. Gosudarstvennyi Vsesoiuznyi nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Checking automobile front sheel alignment with the help of a GARO instrument set; 2142 and 2182 models] Proverka ustanovki perednikh koles avtomobilei s pomoshch'iu komplekta priborov GARO; pribory modelei 2142 i 2182. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 15 p.

Repairing the front wheel hubs of the GAZ M-20 automobile by compression. IA. Kunkin, A. Silkin. Avt. transp. 34 no.8:31 Ag '56.

Repairing the rear wheel hub on the GAZ-51 automobile. A. Shabel'skii. Avt. transp. 34 no.7:30 Jl '56.

AUTOMOTIVE FUELS see Motor fuels

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTUMN

( see also subdivision under White Russia)

The golden autumn. N.N.Galakhov. Priroda 45 no.9:124-125 S '56.

AVACHA SOPKA

Ascent of Avacha Sopka in September, 1954. A.N.Sirin, K.M.Timerbaeva. Biul. Vulk. sta. no.24:28-32 '56.

AVALANCHES

Tushinskii, G.K., E.F.Gus'kova, and V.D.Gubarova, [Snow recrystallization and the formation of avalanches] Perekristallizatsiia snega i vozniknovenie lavin. [Moskva] Izd-vo Moskovskogo univ., 1953. 114 p. (NN)

AVIATION see Aeronautics

AWARDS see Rewards (Prizes, etc.)

AXINITE see subdivision under Darvaza Range

AYGER-LICH, LAKE —PROSOBRANCHIATA

A new species of the genus Pyrgula Cristof. & Jan. (Prosobranchia, Hydrobiidae) found in Soviet Armenia and not heretofore known in the U.S.S.R. Dokl.AN Arm. SSR 15 no.5:149-152 '52.

AZERBAIJAN—BEES—DISEASES AND PESTS

New brood disease in Azerbaijan. R.P.Ibragimov. Pchelovodstvo 33 no.10:38-40 O '56.

AZERBAIJAN—BUILDING

Climatological zoning of Azerbaijan in the light of hygienic requirements. V.I.Tochilov, S.B.Gol'dshtien. Dokl.AN Azerb.SSR 12 no.6:391-396 '56.

AZERBAIJAN—FUNGI

Polyporaceae fungi on trees and shrubs in the Lenkoran area of the Azerbaijan S.S.R. S.A.Dzhafarov. Izv. AN Azerb.SSR no.5:85-94 My '56.

AZERBAIJAN—GEOLOGY, STRUCTURAL

Study of neotectonics in Azerbaijan. M.G.Agabekov, F.S.Akhmedbeili. Izv.AN Azerb.SSR no.7:49-71 Jl '56.

AZERBAIJAN—GEOPHYSICS

Main problems of geological prospecting and geophysical work in Azerbaijan. B.K.Babazade. Azerb.neft. khoz. 35 no.6:1-4 Je '56.

AZERBAIJAN—GERBILS

Criteria for forecasting the population of the red-tailed gerbil (Meriones erythrourus) in Azerbaijan and southern Uzbekistan [with English summary in insert]. T.S.Gladkina, I.IA.Poliakov. Zool.zhur. 35 no.6: 922-934 Je '56.

AZERBAIJAN—HISTORY

At the History and Philosophy Institute of the Academy of Sciences of the Azerbaijan S.S.R. Z.Z.Abdullaev. Sov. vostokoved. no.4:156-156 '56.

AZERBAIJAN—LAMELLIBRANCHIATA, FOSSIL

Lower Cretaceous Aucellina in the Azerbaijani region of the Lesser Caucasus. A.G.Khalilov. Trudy Azerb. ind.inst. no.8:17-32 '54.

AZERBAIJAN—MACHINE-TRACTOR STATIONS

Tractor group supervised by an engineer. K.Khromov. Mol.kolkh. 23 no.8:8 Ag '56.

AZERBAIJAN—MALARIA

Specific weight of Plasmodium malariae in the Azerbaijan S.S.R. M.G.Bagramian. Med.paraz.i paraz.bol. 25 no.3:273 Jl-S '56.

AZERBAIJAN—MILK VETCHES

New species of Astragalus in the Azerbaijan S.S.R. R.IA.Rzazade. Dokl.AN Azerb.SSR 12 no.8:597-598 '56.

AZERBAIJAN—OBSIDIANS

Perlites and obsidians of Azerbijan. M.A.Kashkai, A.I.Mamedov. Dokl.AN Azerb.SSR 12 no.6:379-380 '56.

AZERBAIJAN—OIL WELL DRILLING, SUBMARINE

Oil-bearing possibilities of the offshore region of northeastern Azerbaijan. F.S.Akhmedbeili. Dokl.AN Azerb.SSR 12 no.7:467-470 '56.

AZERBAIJAN—PALEONTOLOGY, STRATIGRAPHIC

Foraminifera and stratigraphy of the Aptian stage in northeastern Azerbaijan. Ch.A.Tairov. Azerb.neft.khoz. 35 no.2:4-5 F '56.

AZERBAIJAN—PARASITOLOGY

Scientific session dedicated to the 25th anniversary of the Institute of Malaria and Medical Parasitology of the Ministry of Public Health of the Azerbaijan S.S.R. A.A.Kasimov. Med.paraz.i paraz.bol. 25 no.3:286-287 Jl-S '56.

AZERBAIJAN—PEASANT UPRISINGS

Peasant movement in Azerbaijan during the first Russian revolution. Z.Ibragimov. Uch.zap.AGU no.10: 17-34 '55.

AZERBAIJAN—PERLITE

Perlites and obsidians of Azerbaijan. M.A.Kashkai, A.I.Mamedov. Dokl.AN Azerb.SSR 12 no.6:379-380 '56.

AZERBAIJAN—PETROLEUM ENGINEERING

In the technological council of the Ministry of the Petroleum Industry of the Azerbaijan S.S.R. A.Magerramova. Azerb.neft.khoz. 35 no.8:14 Ag '56.

Some problems in the application of hydraulic fracturing of oil sands in Azerbaijanian oil fields. K.A.Karapetov, A.S.Melikbekov. Azerb.neft.khoz. 35 no.8:15-18 Ag '56.

AZERBAIJAN—PETROLEUM INDUSTRY

Azerbaijanian petroleum industry in the sixth five-year plan. Azerb.neft.khoz. 35 no.2:1-3 F '56.

AZERBAIJAN—PROSPECTING

Main problems of geological prospecting and geophysical work in Azerbaijan. B.K.Babazade. Azerb.neft. khoz. 35 no.6:1-4 Je '56.

AZERBAIJAN—REVOLUTION OF 1905

Inspiring influence of the first Russian revolution on the democratic circles of Azerbaijani intellectuals. M.Kasumov. Uch.zap.AGU no.10:79-89 '55.

Participation of young Azerbaijani students in the revolution of 1905-1907 [in Azerbaijani with summary in Russian]. S.Altiarov, N.Umaev. Dokl.AN Azerb.SSR 12 no.9:883-890 '56.

The Revolution of 1905 and Azerbaijani culture [in Azerbaijani with summary in Russian]. D.Gadzhiev. Uch.zap.AGU no.10:91-104 '55.

AZERBAIJAN—ROCKS—SPECTRA

Some problems of the spectrographic study of rocks of Azerbaijanian oil fields. Ch.M.Khalifazade. Azerb. neft.khoz. 35 no.3:6-7 Mr '56.

AZERBAIJAN—ROCKS, IGNEOUS

Petrochemical characteristics of the Mekhmaninskiy granitoid intrusion. A.D.Kerimov. Dokl.AN Azerb. SSR 12 no.7:479-483 '56.

AZERBAIJAN—THERAPEUTICS

First conference of therapeutists of the Azerbaijanian S.S.R. M.E.Efendiev. Terap.arkh. 28 no.5:86 '56.

AZERBAIJAN—VILLAGE COMMUNITIES

Relations of production in a state village of Azerbaijan at the end of the 10th century [in Azerbaijani with summary in Russian]. I.M.Gasanov. Dokl.AN Azerb. SSR 12 no.8:599-606 '56.

AZERBAIJAN—VITICULTURE

Viticulture of Azerbaijan in the sixth five-year plan. R.K. Allakhverdiev. Sad i og. no.9:61-64 S '56.

AZERBAIJAN—VOLLEYBALL

Tradition obliges. I.D'iachkov. Sp.igry 2 no.6:7 Je '56.

AZERBAIJAN—YOUTH—CONGRESSES

Festival of Azerbaijanian youth. V.Ivonin. Mol.kommn. 14 no.9:69-73 S '56.

AZERBAIJANI LANGUAGE—GLOSSARI ETC.

Azerbaijani terminology in machine b [in Azerbaijani]. A.D.Mustafaev. inst. no.8:137-144 '54.

Azerbaijani terms in machine-buildin A.D.Mustafaev. Trudy Azerb.ind.i 140 '55.

Technical terms used in hydraulic ma baijani]. IU.I.Mamedzade. Trudy no.8:131-136 '54.

AZERBAIJANI LANGUAGE—MORPHOL

Postpositions in the Azerbaijani langu with summary in Russian]. S.A.Dz Azerb.SSR no.4:75-100 Ap '56.

AZERBAIJANI LITERATURE

"The voice of youth"; collection of ve young writers [in Azerbaijani]. Bo nar. no.9:187-188 S '56.

Work of creative sections. Lit.Azer '56.

AZERBAIJANI LITERATURE—COLLE

[Twenty fifth spring; an almanac of A Dvadtsat' piataia vesna; [al'manakh literatury] [Red. Aziz Sharif i dr.] 1945. 470 p.

AZERBAIJANI LITERATURE—HISTO

Concerning indifference. Ilia Gusein 14 no.10:71-73 O '56.

AZERBAIJANI POETRY—HISTORY A

Conflicts and heroes of lyrical poem Lit.Azerb. 14 no.10:74-78 O '56

AZHAZHA, GRIGORII IAKOVLEVICH,

Grigorii IAkovlevich Azhazha; obitua 26 no.7:47 Jl '56.

AZIZBEKOV (AZERBAIJAN)—OIL FIE

Some results of flooding the NKG-3 bekov oil field. A.I.Adamov, R.I neft.khoz. 35 no.5:8-10 My '56.

AZO DYES

Oxidation and oxidation-hydrolytic ic molecules. Part 26. Oxidation sions of nitro substituted oxyazo d na, B.M.Bogoslovskii, M.M.Shem khim. 26 no.7:1040-1045 Jl '56.

AZOMETHANE

Kinetics and mechanism of the degra bons. Part 3. Initiation of the cri azomethane additions. A.D.Stepuk Zhur.fiz.khim. 30 no.6:1291-1296

AZOTOBACTER

( see also subdivision under Kzyl-

Azotobacterin, a bacterial fertilizer Rubenchyk. Visnyk AN URSR 27

Influence of a stimulant of petroleum development of Azobacter and othe cultures. G.S.Kasimova. Dokl.A no.8:421-425 '56.

The occurrence and acclimatization leached Chernozems of the Shatilo ing Station [with English summary Krongauz. Mikrobiologiia 25 no. '56.

On the possibility of a cellular fixati English summary in insert]. A.A others. Mikrobiologiia 25 no.4:

Ways of increasing the effectiveness given to potatoes in the Ukrainian Zinov'eva, B.M.Tyshchenko. M no.3:25-29 '56.

AZOV REGION—FOXES

Feeding habits of the fox (Vulpes v reed swamps of the Azov region (Myocastor coypu Mol.) [with Eng sert]. M.P.Pavlov, I.B.Kiris. 907-907 Je '56.

AZOV SEA REGION—PHYSICAL GEO

Geomorphology of the Azov Sea coa Svatenko. Nauk.zap.L'viv.un. 2

AZUELA, MARIANO, 1873-1952

"The curse" [in Spanish]. Mariano by V.Kuteishchikova. Inostr.lit.

BABBITT METAL

Effect of the chemical composition babbitt on the useful properties o N.A.Bushe. Issl.splav.tavet.me

Problem of creep in bearing alloys Dokukina. Issl.splav.tavet.met.

BACTERIA

Assimilation of organic compounds the presence of light [with Englis E.N.Kondrat'eva. Mikrobiologi Jl-Ag '56.

BACTERIA (Continued)
Comparative study of the quantitative contents of nucleic acids in the cultures of certain bacteria, sensitive or resistant to grizemine and streptomycine. A. N. Belozerskii, I. V. Asseeva, A. F. Moroz. Dokl. AN SSSR 109 no. 1:149-151 Jl-Ag '56.
Controlling biological growths on heat exchange and water purification apparatus. G. S. Rudionov. Gidroliz. i lesokhim. prom. 9 no. 6:28 '56.
"Cytology of bacteria." M. A. Peshkov. Reviewed by A. A. Imšenecki. Mikrobiologiia 25 no. 4:508-513 Jl-Ag '56.
A few words about M. A. Peshkov's monograph "Bacterial cytology." V. H. Drobot'ko. Mikrobiol. zhur. 18 no. 3:65-66 '56.
Method for determining the stability of microbes to sulfanilamides and antibiotics. I. A. Sutin, E. S. Donchenko. Lab. delo 2 no. 3:25-26 My-Je '56.
Theory of chemoautotrophy. IU. I. Sorokin. Mikrobiologiia 25 no. 3:303-375 My-Je '56.

BACTERIA, AEROBIC
Effect of aerobes on the activeness of Clostridium Pasteurianum in mixed cultures. M. Z. Shkliar. Dokl. Akad. sel'khoz. 21 no. 6:32-37 '56.

BACTERIA, ANAEROBIC
The capacity of the producers of anaerobic retting of flax, Clostridium felsineum and Plectridium pectinovorum, to fermentate pectin in the presence of various nitrogen compounds. V. A. Alekseev. Mikrobiologiia 25 no. 3:327-330 My-Je '56.

BACTERIA, DENITRIFYING
Effect of cyanides on the reduction of nitrates by denitrifying bacteria. M. V. Fedorov, R. V. Sergeeva. Dokl. AN SSSR 108 no. 6:1182-1185 Je '56.

BACTERIA, NITRIFYING
Facts and their interpretation; a comment on V. O. Kalinenko's paper: "Does chemosynthesis exist in ferrobacteria and in nitrifying bacteria?" [With English summary in insert.] V. N. Shaposhnikov. Mikrobiologiia 25 no. 4:497-507 Jl-Ag '56.
Practical use of nitrifying bacteria in the 17th century. A. A. Imshenetskii. Mikrobiologiia 25 no. 3:376-379 My-Je '56.

BACTERIA, PATHOGENIC
Using filter paper discs for determining the sensitiveness of dysenteric pathogens to antibiotics. L. B. Khazenson, M. O. Birger. Lab. delo 2 no. 3:23-25 My-Je '56.

BACTERIAL ANTAGONISM
On factors influencing the occurrence of Actinomyces which produce antibiotic substances [with English summary in insert]. I. Szabó. Mikrobiologiia 25 no. 4:442-450 Jl-Ag '56.

BACTERIOLOGICAL LABORATORIES—APPARATUS AND SUPPLIES
Improving the thermostatic equipment of bacteriological laboratories. I. S. Ol'kenitskii. Lab. delo 2 no. 4:30 Jl-Ag '56.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA
Bile-citrate and rosolic-acid medium for isolating dysenteric, typhoid and paratyphoid microbes. S. F. Bubes. Lab. delo 2 no. 2:23-26 Mr-Ap '56.
M. G. Kichenko's rosolic acid medium for detecting the coli bacillus in water in which hands and articles of general use were washed. L. S. Kreinin. Gig. i san. 21 no. 9:81 S '56.

BACTERIOPHAGE
Bacteriophage against paratyphoid fever and colibacillosis in calves. I. F. Kvesitadze. Veterinariia 33 no. 9:32-34 S '56.

BAER, KARL ERNST VON, 1792-1876
The sources of Russian anthropology. M. G. Levin. Trudy Inst. etn. 30 no. 1:270-298 '56.

BAGDAD PACT
Mirskii, G. I. [The Bagdad pact is an instrument of colonialism] Bagdadskii pakt - orudie kolonializma. Moskva, Gos. izd-vo polit. lit-ry, 1956. 56 p.

BAIKAL, LAKE—COMPHORUS
Comphorus, the fairy fish. Vokrug sveta no. 8:56 Ag '56.

BAIKAL, LAKE—FISHES
Transparent fish. Biarozka 32 no. 10:32 O '56.

BAIKAL, LAKE—GRAYING
Some data on the propagation of the white Baikal grayling. P. IA. Tugarina. Zool. zhur. 35 no. 6:938-939 Je '56.

BAIKAL, LAKE—HYDROLOGY
Botanical method of determining the dates of historical high water levels on Lake Baikal. G. I. Galazii. Bot. zhur. 41 no. 7:1006-1020 Jl '56.

BAIKAL REGION—MOTHS
Phenology of the larch spinner in the Baikal region. V. O. Boldaruev. Vest. Mosk. un. 11 no. 5:83-90 My '56.

BAIKAL REGION—SHEEP BREEDS
The trans-Baikal fleece. B. Sanzhiev. Kolkh. proizv. 16 no. 9:32-33 S '56.

BAIT
Use of baits in controlling corn pests. N. P. Diadechko. Kukuruza 4 no. 2:55-56 My '56.

BAKELITE
Use of equipment treated with bakelite in the production of essential and extracted oils. N. P. Sokol'nikov. Mash.-zhir. prom. 21 no. 5:30-31 '55.

BAKER-NATHAN EFFECT
Experimental proof of the Baker-Nathan effect. M. I. Batuev. Zhur. ob. khim. 26 no. 7:1888-1896 Jl '56.

BAKERS AND BAKERIES
Bakery without salesmen. D. Kadenko. Nov. torg. tekh. no. 3:24a-d '56.

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES
Mechanized rural bakeries. [A. S. Iiskovich. Nauka i pered. op. v sel'khoz. no. 7:51-53 Jl '56.

BAKING
Investigating the effect of the heating kinetics of baking on the quality of rye bread. N. I. Gogoberidze, L. IA. Auerman, V. V. Shcherbatenko. Trudy MTIPP 4:133-146 '56.
Investigating the electric contact baking of wheat bread. IA. G. Ostrovskii. Trudy MTIPP 4:71-81 '56.
Investigating the heat and mass exchange in capillary-porous bodies with methods based on the theory of similitude as applied to the processes of drying and baking. A. V. Lykov, L. IA. Auerman, A. S. Ginzburg. Trudy MTIPP 4:5-19 '56.

BAKING—TABLES, CALCULATIONS, ETC.
Technological calculations pertaining to the continuous process of dough preparation. N. I. Nazarov. Trudy MTIPP 4:86-95 '56.

BAKU—ADVERTISING—BOOKS
Farces of advertising. I. Kamenkovich. Sov. knizh. torg. no. 9:25 S '56.

BAKU—REVOLUTION OF 1905
Working class movement at the time of the all-Russian political strike in October of 1905 in Baku. N. Sarkisov. Uch. zap. AGU no. 10:35-43 '55.

BAKU ARCHIPELAGO—GEOLOGY, STRATIGRAPHIC
Lithology of Quaternary deposits in the northeastern region of the Baku Archipelago. M. K. Suleimanov, N. V. Pashaly. Dokl. AN Azerb. SSR 12 no. 7:471-478 '56.

BAKU REGION—MINERAL WATERS
Effectiveness in treating neuritis of a facial nerve with saline-alkaline mineral water from the Lenin petroleum region of Baku (by cross section galvano-ionization diathermy). A. V. Feizullaev, A. I. Gashimova. Dokl. AN Azerb. SSR 12 no. 7:491-497 '56.

BALANCE
Floating balance for the study of the kinetics of reactions including solids. V. V. Boldyrev, G. V. Sakovich. Zhur. fiz. khim. 30 no. 6:1410-1418 Je '56.

BALANCE OF TRADE
Anglo-American foreign exchange conflicts. O. Bogdanov. Mezhdunar. zhizn' no. 9:72-79 S '56.

BALANTIDIUM COLI
Experimental, chemical therapeutic, and pharmacologic investigation of the preparation N-(2, 4-dichlorobenzyl) -N-(hydroxyethyl)-dichloroacetamide. V. D. Nosina, V. F. Gladkikh, O. I. Kellina. Med. paraz. i paraz. bol. 25 no. 3:262-266 Jl-S '56.

BALASHOV REGION—CUCKOOS
Attraction of the cuckoo (Cuculus canorus L.) to pine plantations in Balashov region [with English summary in insert]. N. P. Kadochnikov. Zool. zhur. 35 no. 8: 1223-1226 Ag '56.

BALKHAN—PETROLEUM
Role of the oxidation factor in the formation of main petroleum types of the Balkhan region in western Turkmenia. I. S. Starobinets. Neft. khoz. 34 no. 8: 54-57 Ag '56.

BALKHASH—FLOTATION
Experimental use of butyl aeroflcat SK. A. K. Lifshits, K. M. Madiev. TSvet. met. 29 no. 8:10-13 Ag '56.

BALKHASH, LAKE—WATER—ANALYSIS
Origin of the chemical composition of lake Balkhash water. O. A. Alekin, M. N. Tarasov. Dokl. AN SSSR 109 no. 5:986-989 Ag '56.

BALKHASH PROVINCE—MUSKRATS
Beliaev, V. N. [Balkhash Muskrat Farm] Balkhashskoe ondatrovoe promyslovoe khoziaistvo. Pod red. V. A. Melent'eva. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1956. 19 p.

BALKHASH REGION—DESERT ECOLOGY
Soil moisture cycle of some plant associations in the deserts of the southern Balkhash region. E. N. Blagoveshchenskii. Trudy Inst. bot. AN Kazakh. SSR 3:203-211 '56.

BALL BEARINGS
Automatic machines for superfinishing ball races. Suggestion by V. F. Gorbov and others. Prom. energ. 11 no. 7:16-17 Jl '56.

BALLAST
New lightweight ballast machines. K. S. Isaev. Transp. stroi. 6 no. 8:29-30 Ag '56.

BALLET—COMPETITIONS
A review of youth's work. Teatr 17 no. 9:176 S '56.

BALLISTOCARDIOGRAPHY
Ballistocardiography and its clinical significance. V. V. Parin. Klin. med. 34 no. 6:12-24 Je '56.
Cardiohemodynamographic observations in valvular lesions of the heart. N. V. Lankevskii. Terap. arkh. 28 no. 5:29-37 '56.

BALSAMS
Electron microscope examination of Impatiens balsamina tissues for virus-like particles. M. Gol'din, V. Fedotina. Dokl. AN SSSR 108 no. 5:953-954 Je '56.
Shostakovskii's balsam. S. Zavrieva. Znan. sila 31 no. 8:19-20 Ag '56.

BALTIC SEA—COAST CHANGES
"General shore dynamics and protection in the southern Baltic between the Trawe and Swine Rivers" [in German]. Kurt von Bülow. Reviewed by V. P. Zenkovich. Izv. Vses. geog. ob-va 88 no. 4:407-410 Jl-Ag '56.

BALTIC SEA REGION—BIRDS—MIGRATION
Results of coordinated observations on bird migrations in the Baltic Sea region in the autumn of 1954 [with English summary in insert]. E. V. Kumari. Zool. zhur. 35 no. 8:1214-1222 Ag '56.

BALTIC SEA REGION—ETHNOLOGY
Some questions relative to ethnogeny of the peoples of the Baltic region. S. Tarakanova, L. Terent'eva, N. Cheboksarov. Sov. etn. no. 2:3-17 '56.

BALTIC STATES—POLITICS AND GOVERNMENT
Attempts to intervene in the internal affairs of Baltic peoples. J. Vilnis. Mezhdunar. zhizn' no. 9:27-36 S '56.

BALTIC STATES—THEATER
Baltic theatrical spring; encounters and impressions. P. Nikitin. Na rub. 17 no. 4:180-184 Jl-Ag '56.
Festival of four republics; Baltic theatrical spring. M. Zorin. Teatr 17 no. 8:79-86 Ag '56.

BALUCHI LANGUAGE—MORPHOLOGY
Grammatical outline of the language of the Baluchis in the Soviet Union. S. N. Sokolov. Trudy Inst. iaz. 6:57-91 '56.

BALZAC, HONORÉ DE, 1799-1850
In what respects was Balzac an innovator as a novelist? A. V. Chicherin. Nauk. zap. L'viv. un. 30:26-41 '55.

BAMME, SAMUIL BORISOVICH, 1910-1956
Samuil Borisovich Bamme. K. B. Afonin and others. Koks i khim. no. 6:64 '56.

BANDAGES AND BANDAGING
Improve the production of bandages. L. Mirumian. Sots. obesp. 17 no. 5/6:65-66 My-Je '56.

BANKS AND BANKING
(see also subdivision under Czechoslovakia; India; Turkey)
Against formalism in banking. N. Berkov and others. Den. i kred. 14 no. 8:43-45 S '56.
Bank control over disbursements from wage funds. L. Galimar. Den. i kred. 14 no. 9:24-31 S '56.
The circulation of money in extended socialist production. S. Shteinshleiger. Vop. ekon. no. 9:101-116 S '56.
Critical remarks of a business executive. R. Grutman. Den. i kred. 14 no. 9:32-36 S '56.
The execution of control measurements. T. Sukhorukov. Fin. SSSR 17 no. 9:78-81 S '56.
From our readers' letters. Den. i kred. 14 no. 9:48-52 S '56.
Gindin, I. F. [Russian commercial banks; from the history of finance capital in Russia] Russkie kommercheskie banki; iz istorii finansovogo kapitala v Rossii. Pod red. S. G. Strumilina. Moskva, Gosfinizdat, 1948. 453 p.
Improve bank control. S. Gurovich, S. Shevchenko. Den. i kred. 14 no. 9:46 S '56.
New developments in State Bank control over small-lot wholesaling of goods. E. Bol'shakova. Den. i kred. 14 no. 9:53-56 S '56.
Questions and answers. Den. i kred. 14 no. 9:57-58 S '56.
Simplify rather than complicate work. D. Strazhkov. Den. i kred. 14 no. 9:42-43 S '56.
Strengthen the personnel of district institutions of the Agricultural Bank. A. Ogorodnikov. Fin. SSSR 17 no. 9:49-53 S '56.

BANKS AND BANKING—STUDY AND TEACHING
Information. Den.i kred. 14 no.9:61-62 S '56.

BAPTISTS—HYMNS
[Collection of hymns of the Evangelical Christian Baptist-Church] Sbornik dukhovnykh pesen Evangel'skikh khristian-baptistov. Moskva, Izd. Vses. soveta Evangel'skikh khristian-baptistov, 1956. 402 p.

BARANSKII, NIKOLAI NIKOLAEVICH, 1881-
The 75th birthday of Nikolai Nikolaevich Baranskii. Geog. v shkole 19 no. 4:69 Jl-Ag '56.

BARBITURIC ACID
Microcrystalloscopic identification of barbiturates [with English summary in insert]. L. I. Rapaport. Zhur. anal. khim. 11 no. 4:479 Jl-Ag '56.
Potentiometric investigations of barbiturates. Communication 2. Effect of pH on the complexing of barbiturates with silver ions [with English summary in insert]. IA.M. Perel'man. Zhur.anal. khim. 11 no. 4:466-469 Jl-Ag '56.

BARIUM—ANALYSIS
Rapid method for determining the alkali earth metals in barium glass. L. I. Panteleeva, A. A. Zan'ko. Nauch. zap. LPI no. 29:101-108 '55.

BARIUM FLUORIDE
Study of the system $BaF_2$ -- $BeF_2$. D. F. Kirkina, A. V. Novoselova, IU. P. Simanov. Zhur. neorg. khim. 1 no. 1: 125-132 [Jan.] '56.

BARIUM SALTS
Peroxide products in the catalysis of $H_2O_2$ by barium and molybdenum salts. Part 2. G. A. Bogdanov, T. I. Berkengeim, I. K. Prokhorova. Zhur. fiz. khim. 30 no. 6:1223-1227 Je '56.

BARIUM SULFATE
Methods of destruction of barium sulfate for the qualitative detection of the barium ion in it [with English summary in insert]. G. I. Barannikov. Zhur. anal. khim. 11 no. 4:498-499 Jl-Ag '56.

BARIUM TITANATES
Single crystals of solid solutions of barium and strontium titanates, their production and dielectrical and optical properties. A. L. Khodakov and others. Dokl. AN SSSR 108 no. 5:825-828 Je '56.

BARIUM TITANATES—ELECTRIC PROPERTIES
Microscopic theory of the dielectrical properties of barium titanate. A. E. Glauberman. Dop. ta pov. L'viv. un. no. 5, pt. 2:69-71 '55.

BARK BEETLES
New plant pest in Europe. M. P. Umnov. Zashch. rast. ot vred. i bol. 1 no. 2:50-52 My-Je '56.

BARK PEELING
Machine for debarking timbering. N. Panasenko. Mast. ugl. 5 no. 9:19-20 S '56.

BARKOV, ALEKSANDR SERGEEVICH, 1873-1953
Aleksandr Sergeevich Barkov; obituary. S. L. Lutskii, I. I. Svarycheva'kyi. Nauk. zap. L'viv. un. 28:131-132 '54.

BARLEY
Effect of low nighttime temperatures on the growth and metabolism of barley plants in the early phases of their development. M. G. Zaitseva. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:27-32 '52.
Effect of temperature on the germination of barley seeds. M. G. Zaitseva. Izv. Otd. est. nauk AN Tadzh. SSR no. 1: 21-26 '52.

BARLEY—VARIETIES see subdivision under Komi A.S.S.R Moldavia

BARNS
Ukrainskii gosudarstvennyi institut proektirovaniia sel'skogo i kolkhoznogo stroitel'stva. [Calf barn for 146 head with a section for newborns, constructed of precast reinforced concrete elements, with a loft. Model plan No. 219] Teliatnik na 146 golov s pomeshchniem dlia molodniaka iz zbornykh zhelezobetonnykh konstruktsii, izdotoviiaemykh v kolkhozakh, s cherdachnym pomeshcheniem. Tipovoi proekt No. 219. Kiev, Izdatel'skii otdel, 1956. 14 p., 70 plans.
(DA)
Ukrainskii gosudarstvennyi institut proektirovaniia sel'skogo i kolkhoznogo stroitel'stva. [Calf barn for 146 head with a section for newborns with vaulted roof, built of a three-step blocks. Model plan No. 22] Teliatnik na 146 skotomest s pomeshchniem dlia molodniaka so svodchatym pokrytiem iz trekhstupenchatykh blokov. Tipovoi proekt No. 220. Kiev, Izdatel'skii otdel, 1955. 10 p., 28 plans.
(DA)
Ukrainskii gosudarstvennyi institut proektirovaniia sel'skogo i kolkhoznogo stroitel'stva. [Cowbarn for 102 head, of reinforced concrete elements made by collective farm labor, with superposed roof. Model plan No. 210] Korovnik na 102 golovy iz sbornykh zhelezobetonnykh konstruktsii, izgotoviiaemykh silami kolkhozov; s sovmeshchennym pokrytiem. Tipovoi proekt No. 210. Kiev, Izdatel'skii otdel, 1955. 16 p., 77 plans.
(DA)
Ukrainskii gosudarstvennyi institut proektirovaniia sel'skogo i kolkhoznogo stroitel'stva. [A cowbarn for 204 head, of reinforced concrete by collective farm labor made. Model plan No. 216] Korovnik na 204 golovy iz sbornykh zhelezobetonnykh konstruktsii, izgotoviiaemykh silami kolkhozov. Tipovoi proekt No. 216. Kiev, Izdatel'skii otdel, 1956. 17., 77 plans.
(DA)

BARRAGES
Static calculations of flexible barrages. L. M. Stavraki. Prykl.mekh. 2 no. 3:297-305 '56.

BARTAZ HILLS—GEOLOGY, STRATIGRAPHIC
Lower Cretaceous deposits in the region of the Bartaz Hills in the Lesser Caucasus. G. A. Aliev. Dokl. AN Azerb. SSR 12 no. 9:651-654 '56.

BARUZDIN, SERGEI
First day in the first grade ("Who studies today." S. Baruzdin. Reviewed by G. Savchenko). Sem'ia i shkola 11 no. 9:31 S '56.
"Ravi and Shashi." S. Baruzdin. Reviewed by G. Skrebitskii. Pioner no. 9:70 S '56.

BASALT see subdivision under Arzni; Erivan

BASE-EXCHANGING COMPOUNDS
Purification of niobium and tilanium with cationites. S. I. Sabov'ev, E. I. Krylov, L. P. Kononova. Zhur. neorg. khim. 1 no. 4:660-663 Ap '56.

BASHKIR FOLKSONGS see Folksongs, Bashkir

BASHKIRIA—ANTIQUITIES
Archaeological explorations in Bashkiria. G. V. IUsupov. Krat. soob. IIMK no. 64:85-92 '56.

BASHKIRIA—COAL GEOLOGY
Bludorov, A. P., and others. [Tertiary coal-bearing deposits of the central and southern regions of Bashkiria] Tretichnye uglenosnye otlozhenila tsentral'nykh i iuzhnykh raionov Bashkirii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 138 p. (Akademiia nauk SSSR. Kazanskii filial, Kazan. Geologicheskii institut. Trudy, no. 3)

BASHKIRIA—COSTS, INDUSTRIAL
Faulty practice in planning the cost of industrial production. L. Lepikhin, A. Kyrchikov. Fin. SSSR 17 no. 9: 72-74 S '56.

BASHKIRIA—EFFICIENCY, INDUSTRIAL
In the interests of technological progress. M. Kolotov, A. Lokatenko. Sov. profsoiuzy 4 no. 9:35-37 S '56.

BASHKIRIA—OIL FIELDS
Fight for preeminence in competition. A. F. Miller. Neft. khoz. 33 [i. e. 34] no. 9:65-66 S '56.

BASHKIRIA—SOCIAL LIFE AND CUSTOMS
"The Bashkirs; historical and ethnographic studies." S. I. Rudenko. Sov. etn. no. 2:154-160 '56.

BASHKIRIA—YOUTH
Festival of a republic. I. Erdenko. Prof. tekh. obr. 13 no. 8:27 Ag '56.

BASIDIOMYCETES
Peculiar type of spore bearing in tooth fungi of the genus Hericium Pers. T. L. Nikolaeva. Bot. zhur. 41 no. 7: 992-1000 Jl '56.

BASKETBALL
(see also subdivision under Kazakhstan; Kishinov)
Basketball is a good game. V. Konkin. Smena 33 no. 15: 16 Ag '56.
The best of the best. Sp. igry 2 no. 7:32 Jl '56.
The descendants of the "purples." E. Shatrov. IUnost' no. 9:109-111 S '56.
Preobrazhenskii, I. N., and P. I. Kaminskii. [Five under the basket] Piatero pod kol'tsom. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 37 p.
Road to the summit of mastery. S. Bessonov. Sp. igry 2 no. 7:12-13 Jl '56.
Unity and friendship. S. Spandarian, V. Teterina. Sp. igry 2 no. 7:17 Jl '56.
Victory in the match among the best players; notes on the women's basketball championship of Europe. V. Kostin. Sp. igry 2 no. 7:25-27 Jl '56.

BASKETWORK see subdivision under Moscow Province

BATHING BEACHES see subdivision under Crimea

BATHS
Bromide ionophoresis, in general application and as galvanic collar, combined with baths for treating hypertension. O. A. Vengerovskaia. Klin. med. 34 no. 7:92 Jl '56.
Cardiac pains in connection with some diseases of the nervous system and their treatment by baths. N. S. Chetverikov, N. I. Strelkova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:38-47 Jl-S '56.

BATHS, MEDICATED
Ionogalvanization with sodium bromide, combined with radon and hydrogen sulfide baths in the treatment of infectious polyarthritis. P. F. Liudvinskaia. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:60-64 Jl-S '56.

BATOEVA, ELIZAVETA ALEKSANDROVNA
Dr. Batoeva. I. Il'icheva. Zdorov'e 2 no. 9:8 S '56.

BATS
(see also subdivision under Tajikistan; Ukraine)
Albinism in bats. S. I. Dellamure. Nauk. zap. Kiev. un. 9 no. 6:160-161 '50.
New discovery of the free-tailed bat Tadarida teniotis Rafin in the U. S. S. R. A. P. Korneev, I. V. Marisova. Nauk. zap. Kiev. un. 9 no. 6:150-160 '50.

BATS—PARASITES see Parasites—Bats

BATTERIES, ELECTRIC see Electric batteries

BAUXITE see subdivision under Ural Mountains; Ural Mountains region

BAVLY—PETROLEUM—ANALYSIS
Composition and properties of petroleum high molecular weight compounds. Article 5: Study of the composition and properties of the tarry portion of Bavly (Devonian) petroleum. S. R. Sergienko and others. Trudy Inst.neft. 8:47-51 '56.

BAZAVLUK VALLEY—GRANITE
Tokovskaya granite intrusion. V. T. Lotysh. Nauk. zap. Kiev. un. 12 no. 4:5-14 '53.

BAZHOV, PAVEL PETROVICH, 1879-1950
Bogoliubov, K. V., and S. N. Samsonov, comps. [Pavel Petrovich Bazhov in reminiscences] Pavel Petrovich Bazhov v vospominaniiakh. [Sverdlovsk] Sverdlovskoe kn-vo, 1953. 240 p.
(NN)

BEACONS
New types of passive reflectors. G. Shumeiko. Mor. flot 16 no. 8:28-30 Ag '56.

BEAN WEEVIL
Bean weevil. V. I. Medvedeva. Zashch. rast. ot vred. i bol. 1 no. 2:48-50 My-Je '56.

BEANS—DISEASES AND PESTS
Summer seeding as means of controlling bacterial pustule in beans. M. V. Gorlenko, IU. I. Shneider. Dokl. Akad. sel'khoz. 21 no. 8:38-40 '56.

BEARING INDUSTRY
(see also subdivision under Moscow)
Improving the founding of bearing caps. E. A. Savvin. Lit. proizv. no. 8:30 Ag '56.

BEARING METALS
Aluminum bearing alloys. M. E. Drits. Issl. splav. tsvet. met. no. 1:81-87 '55.
Increasing wear resistance and fatigue strength in some antifriction alloys. A. I. Il'in. Issl. splav. tsvet. met. no. 1:42-53 '55.
Problem of creep in bearing alloys. M. E. Drits, N. V. Dokukina. Issl. splav. tsvet. met. no. 1:71-80 '55.
Professor A. M. Bochvar's studies in the field of white antifriction alloys. M. E. Drits. Issl. splav. tsvet. met. no. 1:12-17 '55.
Research on antifriction alloys for use at high specific pressures and for shock loads. A. P. Smirlagin, V. N. Vysotskaia, O. S. Kvurt. Issl. splav. tsvet. met. no. 1: 59-65 '55.
Structure and properties of cadmium base bearing alloys. A. M. Bochvar, V. A. Blokhina. Issl. splav. tsvet. met. no. 1:66-70 '55.

BEARINGS (MACHINERY)
Allowance for the diameter of roller bodies as a factor in bearings' durability. M. IA. Popereka. Dokl. AN Tadzh. SSR no. 15:45-49 '56.
Automatizing the control of the moment of friction for bearings in instruments. Kh. Kh. Batalov. Priborostroenie no. 8:26-27 Ag '56.
Bronze reinforcement of steel bearings for tenders. A. A. Kuzin. Zhel. dor. transp. 38 no. 8:77-78 Ag '56.
Conveyor belts with flexible rollers. (From foreign journals). V. Karpukhin. TSvet. met. 29 no. 8:93-95 Ag '56.
Effect of the chemical composition of calcium containing babbitt on the useful properties of railroad car bearings. N. A. Bushe. Issl. splav. tsvet. met. no. 1:88-97 '55.
Friction in roller bearing used in instruments. A. I. Solov'ev. Priborostroenie no. 9:21-22 S '56.
Motion of viscous fluids between the journal and the bearing. A. K. Nikitin. Inzh. sbor. 23:173-185 '56.
Mounting ball bearings on shafts and the washing of bearings. N. M. Slonim. Energetik 4 no. 8:40 Ag '56.
Oil pockets in bearings of truck and tractor engines. G. Pis'mennyi. MTS 16 no. 9:27-28 S '56.
Some problems of friction in flexible couplings. V. T. Kostitsyn. Trudy Sem. po teor. mash. 16 no. 62:43-55 '56.

BEARS—PARASITES see Parasites—Bears

BEAVERS
The southern most colony of beavers (Castor fiber L.) in the U. S. S. R. A. P. Korneev. Nauk. zap. Kiev. un. 9 no. 6:155-159 '50.

BEAVERS—PARASITES see Parasites—Beavers

BEDDING

Garments and bedclothes as factors of microbe and dust pollution of air in buildings. A. I. Shafir. Gig. i san. 21 no. 9:19-26 S '56.

BEDS AND BEDSTEADS

Mechanization of the production of beds. I. Prikhod'ko. Prom. koop. no. 9:8 S '56.

BEE CULTURE
(see also subdivision under India; Moldavia; Ukraine; United States)

Can advanced practices in beekeeping be propagated in that way? P. Shcherbina, N. IArubovskii, P. Mal'tsev. Pchelovodstvo 33 no. 9:34-38 S '56.

Circle of young beekeepers. K. S. Pilipiuk. Pchelovodstvo 33 no. 9:62 S '56.

Consider more carefully the economic aspects of beekeeping. A. S. Nuzhdin. Pchelovodstvo 33 no. 9:6-9 S '56.

Drying unfinished sections. A. P. Sotnikov. Pchelovodstvo 33 no. 9:49 S '56.

First results in creating a bee strain of higher productivity. G. F. Taranov. Pchelovodstvo 33 no. 10:10-13 O '56.

For further development of beekeeping on collective and state farms of the R. S. F. S. R. Pchelovodstvo 33 no. 9:3-5 S '56.

From the editor. Pchelovodstvo 33 no. 9:36 S '56.

Give more attention to bee culture. Pchelovodstvo 33 no. 10:3-5 O '56.

How bees are kept on some state farms. B. Minchenko. Pchelovodstvo 33 no. 10:62-63 O '56.

How to prevent the flight of bees when moved short distances. I. M. Mikhailov. Pchelovodstvo 33 no. 9: 47 S '56.

In the Ministry of Agriculture of the R. S. F. S. R. Pchelovodstvo 33 no. 9:61 S '56.

Increasing the productivity of labor in apiaries. F. A. Tiunin. Pchelovodstvo 33 no. 9:10-14 S '56.

Records on total and marketable honey. V. M. Mikheev. Pchelovodstvo 3 no. 9:16-17 S '56.

What beekeepers write about increasing labor productivity in apiaries. Pchelovodstvo 33 no. 9:14-16 S '56.

Work practices in the apiary of the "Krasnyi Partizan" Collective Farm in Omsk Province. I. A. Kudinov. Pchelovodstvo 33 no. 10:6-9 O '56.

BEE CULTURE—EQUIPMENT AND SUPPLIES
(see subdivision under United States)

Adobe hives. V. M. Kil'kanov. Pchelovodstvo 33 no. 9:51 S '56.

Honey extractor of a new design. E. N. Spitskii. Pchelovodstvo 33 no. 9:47-49 S '56.

Just where can you buy smokers? Pchelovodstvo 33 no. 9:63 S '56.

Keeping bees in multistoried hives. F. S. Batalov. Pchelovodstvo 33 no. 10:14-18 O '56.

More about extensible hives. V. I. Portnykh. Pchelovodstvo 33 no. 9:50-51 S '56.

Moving bees in packing cases. T. A. Golovchenko. Pchelovodstvo 33 no. 9:49-51 S '56.

BEE CULTURE—EXHIBITIONS see subdivision under Chita Province

BEE CULTURE—PERIODICALS

Second conference of the readers of "Pchelovodstvo." Pchelovodstvo 33 no. 10:60-61 O '56.

BEE CULTURE—QUEEN REARING

Keeping queens in different cages. E. M. Rasstrigina. Pchelovodstvo 33 no. 10:53 O '56.

BEE CULTURE—RESEARCH

For the information of experimenting beekeepers. Pchelovodstvo 33 no. 10:63 O '56.

BEE CULTURE—WINTERING

Measuring temperature and humidity of air in wintering repositories. Pchelovodstvo 33 no. 10:56-58 O '56.

My observations concerning the wintering of bees. F. M. Koriakov. Pchelovodstvo 33 no. 9:22-24 S '56.

Preparing bees for wintering. Pchelovodstvo 33 no. 9:26-27 S '56.

Preparing for wintering and wintering of bees. N. I. Havryliuk. Sots. tvar. 26 no. 10:26-27 O '56.

Proper organization of wintering is the basis for profits from beekeeping. Pchelovodstvo 33 no. 9:20-22 S '56.

A well-built upground winter repository guarantees good wintering of bees. N. I. Vostrikov. Pchelovodstvo 33 no. 9:24-25 S '56.

BEEF CATTLE
(see also subdivision under Kirghizistan)

Urgent tasks in beef cattle breeding. A. Zarkevich. Moloch. i mias. zhiv. no. 3:15-18 My '56.

BEES
(see also subdivision under Soviet Central Asia)

Ancestors of the bee. IU. M. Zalesskii. Pchelovodstvo 33 no. 10:19-25 O '56.

Bees and the seed quality of acorns. N. M. Kurennoi, G. B. Ankinovich. Pchelovodstvo 33 no. 9:43-46 S '56.

Bees, their relations to flowering plants, and the problem of alfalfa pollination [with summary in English]. V. V. Popov. Ent. obozr. 35 no. 3:582-598 '56.

Discussion on "vegetative hybridization" of bees in a British periodical. I. S. Agrobiologiia no. 4:154-156 Jl-Ag '56.

Geographic distribution and edaphic relations of the genus Ctenoplectra F. Sm. (Hymenoptera, Melittidae). V. V. Popov. Dokl. AN SSSR 108 no. 5:969-972 Je '56.

Individual characteristics in the behavior of bees and controlling bees during the pollination of plants in summer. A. F. Gubin, E. A. Pankratova. Pchelovodstvo 33 no. 9:39-43 S '56.

Keeping hybrid colonies. G. F. Taranov. Pchelovodstvo 33 no. 9:28-34 S '56.

Nature of the orientation flight of bees. N. Tushmalova. Pchelovodstvo 33 no. 10:26-29 O '56.

Observations on the driving out of drones. I. Levenets. Pchelovodstvo 33 no. 10:28-29 O '56.

On the book "Journey to the land of nectar. "Flowers and insects." I. Vasil'kov. Reviewed by P. V. Martynov. Pchelovodstvo 33 no. 9:58-60 S '56.

Work of pollinators on alfalfa. E. K. Grinfel'd. Vest. Len. un. 11 no. 15:66-72 '56.

BEES—DISEASES AND PESTS
(see also subdivision under Azerbaijan)

Effect of larval food on the bactericidal properties of penicillin. V. I. Krasikova. Pchelovodstvo 33 no. 10: 30-33 O '56.

Mycosis of bees in Tajikistan. V. I. Sychevaskaia. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:159-165 '56.

What beekeepers write on bee pest control. Pchelovodstvo 33 no. 10:41-44 O '56.

BEESWAX

Analyzing beeswax. Pchelovodstvo 33 no. 10:54-56 O '56.

BEET PESTS

Intensification of muscardosis in the beet pest Bothynoderes punctiventris Germ. with the aid of hexachlorine. N. A. Tolenga. Dokl. AN SSSR 109 no. 3: 605-608 Jl '56.

Working out electrotechnical methods for controlling sugar beet weevils. A. A. Peredel'skii, L. S. Ostpova, V. N. Efimov. Biofizika 1 no. 5:472-478 '56.

BEETLES
(see also subdivision under Dnieper Valley)

Functional anatomy of the beetle Silphopsyllus desmanae Ols. (Coleoptera, Leptinidae), a parasite of the desman [with summary in English]. E. N. Pavlovskii. Ent. obozr. 35 no. 3:510-520 '56.

Leaf beetle on corn. T. M. Matveenko. Zashch. rast. ot vred. i bol. 1 no. 2:57 My-Je '56.

BEETS

Influence of secondary pollination on the progeny of beet. N. E. Zaikovskaia. Dokl. AN SSSR 109 no. 3:627-629 Jl '56.

BEETS, SUGAR see Sugar beets

BEHISTUN INSCRIPTIONS see Old Persian inscriptions

BELETSKII, ALEKSANDR IVANOVICH, 1884-

Aleksandr Ivanovich Beletskii. L. A. Bulakhovskii. Nauk. zap. Kiev. un. 14 no. 1:7-15 '55.

Works of A. I. Beletskii on the history of Ukraine in literature. F. IA. Sholom. Nauk. zap. Kiev. un. 14 no. 1:17-22 '55.

BELGIUM—MOTION-PICTURE FESTIVALS

First Soviet motion-picture festival in Belgium. I. Kokoreva. Isk. kino no. 8:108-111 Ag '56.

BELGIUM—MOTION PICTURES

Week of Belgian motion pictures. Isk. kino no. 9:114 Ag '56.

BELGIUM—TRADE UNIONS

Statutory Congress of the General Confederation of Labor in Belgium. G. B. Vsem. prof. dvizh. no. 7:2-4 Jl '56.

BELGOROD—CEMENT—TRANSPORTATION

Improving a pneumatic transportation system. IU. N. Mikol'skii, A. M. Belevitskii. TSement 22 no. 4:17-20 Jl-Ag '56.

BELGOROD PROVINCE—CONSTRUCTION INDUSTRY

Construction of cultural and public buildings on collective farms in Belgorod Province. N. Pogorelko. Sel'. stroi. 11 no. 8:2-4 Ag '56.

BELGRADE—TRACE ELEMENTS—CONGRESSES

International Congress on Trace elements. P. A. Vlasiuk. Visnyk AN URSR 27 no. 7:54-58 Jl '56.

BELIAEV, ALEKSEI IVANOVICH

In the first ranks of the competitors. D. Gurevich. Avt. transp. 34 no. 7:22 Jl '56.

BELIAEV, EVGENII ALEKSANDROVICH, 1895-

In the Oriental Institute of the Academy of Sciences of the U. S. S. R. Krat. soob. Inst. vost. no. 19:105-106 '56.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

The German Democratic Republic. K. V. Shokhin. Vop. filos. no. 4:209-212 '56.

V. G. Belinskii in the struggle to extend the reading horizon of children and youth. S. P. Shillegodskii. Uch. zap. Ped. inst. Gerts. 120:169-197 '55.

BELINSKII IN LITERATURE AND ART

N. A. Nekrasov's narrative poem "Belinskii." A. I. Gruzdev. Uch. zap. Ped. inst. Gerts. 120:43-57 '55.

BEL'KIND, LEV DAVIDOVICH, 1896-

Professor L. D. Bel'kind. M. G. Chilikin and others. Elektrichestvo no. 8:93-94 Ag '56.

BELLADONNA—TOXICOLOGY

Poisoning of ducks by belladonna seeds. N. P. Ostroukh. Veterinariia 33 no. 9:69 S '56.

BELLS

Dedication of bells. Zhur. Mosk. Patr. no. 6:9 Je '56.

BELLUCCI, ADRIANA, 1947-

Adriana Bellucci. Mol. kolkh. 23 no. 8:20-21 Ag '56.

BELOGORSK DISTRICT—FRUIT CULTURE

How a work group achieved regular fruit crops. T. I. Podufalyi. Sad i og. no. 8:31-33 Ag '56.

BELOPOL'SKII, ARISTARKH APPOLONOVICH, 1854-1934

"Astronomic works." A. A. Belopol'skii. Reviewed by IU. G. Perel'. Astron. zhur. 33 no. 3:448-449 My-Je '56.

BELOVOD', LAKE—SULFATES

Using isotopes for studying the intensity of sulfate reduction in Lake Belovod'. M. V. Ivanov. Mikrobiologiia 25 no. 3:305-309 My-Je '56.

BELTS AND BELTING

Belts made of synthetic materials. A. I. Pavlov, G. A. Ustinova. Tekst. prom. 16 no. 8:24-26 Ag '56.

BENTONITE see subdivision under Ukraine

BENZAMIDE

Complexing of acetamide and benzamide with other organic compounds. N. D. Strel'nikova. Zhur. ob. khim. 26 no. 7:1803-1806 Jl '56.

BENZENE

Alkylation and dealkylation of benzene and of its homologs in the presence of aluminosilicates. IU. G. Mamedaliev, G. M. Mamedaliev. Izv. AN SSSR. Otd. khim. nauk no. 8:986-991 Ag '56.

Alkylation of benzene with olefins in the presence of anhydrous aluminum chloride. P. G. Sergeev. Khim. prom. no. 3:144-150 Ap-My '56.

Alkylation of benzene with olefins in the presence of anhydrous aluminum chloride. P. G. Sergeev. Khim. prom. no. 4:208-217 Je '56.

Carbon-adsorptive installation with horizontal adsorbers. V. F. Metlin. Gaz. prom. no. 10:34-35 O '56.

Catalytic alkylation of chlorobenzene with propyl alcohols. M. B. Turova-Polak, N. V. Danilova, N. V. Kuklina. Zhur. ob. khim. 26 no. 7:1936-1940 Jl '56.

Catalytic desulfurization of benzene under pressure. N. B. Kondukov. Koks i khim. no. 6:42-45 '56.

Continuous purification of crude benzol fractions. L. E. Karlinskii, I. A. Levantovich. Koks i khim. no. 6:40-45 '56.

Effectiveness of various catalysts in the alkylation of benzene by propylene. IA. M. Paushkin, M. V. Kurashev. Izv. AN SSSR. Otd. khim. nauk no. 8:1006-1015 Ag '56.

Equilibrium degrees of conversion of benzene and its homologs in hydrogenation reaction. IA. R. Katsobashvili, N. S. Kurkova, N. V. Sidorova. Trudy Inst. neft. 8:156-161 '56.

"Metallic" molecular model used as an analogy in computing $\pi$-electron polarizability of polyenes and benzene. M. N. Adamov, I. S. Milevskaia. Dokl. AN SSSR 109 no. 1:57-60 Jl-Ag '56.

New methods for the analysis of isomers of dialkylbenzenes. I. G. Ismailzade and others. Izv. AN Azerb. SSR no. 4:25-32 Ap '56.

Physical properties of certain isodurol homologs. A. L. Liberman, M. A. Prianishnikova, B. A. Kazanskii. Izv. AN SSSR. Otd. khim. nauk no. 8:1000-1005 Ag '56.

Physicochemical study of the system: KBr $3AlBr_3$ — $C_6H_5NO_2$; conductance, viscosity, specific weight. I. S. Bigich. Zhur. neorg. khim. 1 no. 4:772-776 Ap '56.

Qualitative determination of dichlorobenzene isomers [with English summary in insert]. A. A. Spryskov, IU. G. Erykalov. Zhur. anal. khim. 11 no. 4:492-494 Jl-Ag '56.

Solution-vapor equilibrium in the system: benzene -- cyclohexane -- isopropyl alcohol. A. V. Storonkin, A. G. Morachevskii. Zhur. fiz. khim. 30 no. 6:1297-1307 Je '56.

Thermal analysis of the system: benzene - stannic bromide. A. F. Kapustinskii, IU. M. Kessler. Izv. AN SSSR. Otd. khim. nauk no. 8:889-893 Ag '56.

**BENZENE - ELECTROMECHANICAL ANALOGIES**

Calculation of the π-electron density in monosubstituted benzenes by means of the "metallic model." A. B. Almazov, B. A. Bochvar. Dokl. AN SSSR 109 no.1:121-123 N-Ag '56.

**BENZENE HEXACHLORIDE**

Aqueous suspensions of powder and paste type DDT and hexachlorocyclohexane compounds used for spraying. M. D. Kopeyanov and others. [Trudy] NIUIF no.150:137-144 '55.

Colloidal stability of homogenized DDT and hexachlorocyclohexane emulsions. S. F. Draughi. [Trudy] NIUIF no.150:139-146 '55.

Controlling the larvae of sugar beet weevils. A. K. Ol'khovskaia-Borkova, V. K. Klok. Zashch. rast. ot vred. i bol. 1 no.3:31-34 My-Je '56.

Degree of dispersion in DDT and hexachlorocyclohexane powders and dusts. Functional distribution of the active principle in dusts. Z. M. Shegaeva. [Trudy] NIUIF no.150:44-59 '55.

Dusting and settling properties of DDT and hexachlorocyclohexane. K. A. Gier. [Trudy] NIUIF no.150:49-57 '55.

Effect of temperature and light on reducing the toxicity of DDT and hexachlorocyclohexane compounds. K. A. Fedorovskii, V. I. Vel'tsevich. [Trudy] NIUIF no.150:214-224 '55.

Effect produced by DDT and hexachloran upon Simuliidae gnats in laboratory and natural conditions. A. V. Umova. Dokl. AN SSSR 109 no.2:417-420 N '56.

Insecticidal DDT and hexachlorocyclohexane compounds to be used in aqueous suspensions. K. A. Fedorovskii. [Trudy] NIUIF no.150:201-213a '55.

Insecticidal mineral-oil emulsions with DDT and hexachlorocyclohexane added. K. A. Fedorovskii. [Trudy] NIUIF no.150:154-174 '55.

Intensification of insecticidals in the best pest fatty rodents pasticentralis Hern., with the aid of hexachloran. N. A. Telenga. Dokl. AN SSSR 109 no.3:655-658 N '56.

Kinetic method for determining the [illegible] of hexachlorocyclohexane in dusts and concentrated products. Z. M. Shegaeva, K. I. Fedorova. [Trudy] NIUIF no.150:10-18 '55.

Solubility of benzene hexachloride in water. K. A. Ivanov. Gig. i san. 21 no.8:82-84 Ag '56.

Stability in the toxic action of hexachlorocyclohexane and DDT dusts under various conditions. K. A. Gier, V. I. Chernetsova. [Trudy] NIUIF no.150:87-91 '55.

Studies on contact-intestinal insecticidal emulsions of DDT and hexachlorocyclohexane. S. F. Draughi. [Trudy] NIUIF no.150:93-122 '55.

Use of benzene hexachloride in controlling wireworms in sunflower fields. Z. A. Ferapii. Nauka i peredovoi opyt v sel'khoz no.8:37-38 Ag '56.

**BENZOIC ACID**

Determining the paraaminobenzoic acid in urine. L. A. Mokhov, Iu. F. Uskov. Lab. delo 2 no.4:37-39 Jl-Ag '56.

Effect of paraaminobenzoic acid on the action of some anesthetics. N. I. Lugovskaya. Farm. i toks. 19 no.4:26-31 Jl-Ag '56.

Electroconductivity of the system diethylamine-benzoic acid in organic solvents. E. Atanasiu, A. Saitkulov, N. Aleksandrov. Nauch. trudy Kaz. un. no.11:131-135 '55.

**BENZOIC ACID--SPECTRA**

Phosphorescence spectra of some aromatic acids at liquid air temperature. N. A. Tolmachev. Dokl. AN SSSR 109 no.3:503-505 Jl '56.

**BENZOPHENONE**

Synthesis of certain benzophenone halo derivatives. N. V. Bur'ian, Kh. Khim. 26 no.7:[illegible]

**BERDYEV, KHIMIYA'YOVICH, 1905**

Professor I. I. Berezovskii [illegible] Kazan. Gig. i san. 21 no.8:84 Ag '56

**BERG, LEV SEMENOVICH, 1876-1950**

"In memory of Academician L. S. Berg." Izv. Vses. geog. ob-va 88 no.5:[illegible] Sept-Oct '56.

**BERINGIA (PALEOGEOGRAPHY)**

Seasonal [illegible] Dokl. AN SSSR 111 no.2:[illegible] N '56.

**BERLIN, FINANCIAL ASPECTS**

Inauguration of the Institute of [illegible] of the Academy of Sciences of the German Democratic Republic. Vestn. Akad. nauk SSSR 26 no.12:[illegible] D '56.

**BERLIN, OLYMPIC GAMES**

Keep the history of Olympic games. V. Petrov. Fiz. i sport 20 no.8:35 '56.

**BERLIN, THAER INSTITUTE FOR AGRICULTURE**

Welcoming the International conference [illegible] problems, Berlin, 30 Sept.-6 Oct. 1956. Vest. sel'khoz. nauki 1 no.8:59-60 Ag '56.

**BERLIN, BATTLE OF, 1945**

Ramsayer, K. [The attack on the Berlin] Zeitschrift fuer Heeres- und Luftkunde, Berlin, Juli-Aug.1955, S.[illegible] (Voennoistoricheskii zhurnal)

**BERRIES**

(see also subdivision under Raspberry, Strawberry)

Hauptlinie bakterienfaeulnis [illegible] of berries. [Combating bacteria, a cause of rot in berries] Fruchtsaft-Ind. 1 no.3:[illegible] Mar. 1956.

**BERYLLIUM**

(see also subdivision under Welding, Beryllium)

Application of determination of beryllium using morin solution. V. N. Gerasimov. Nauch. zap. 2 no.[illegible] '55.

Beryllium content in soils and [illegible] Dokl. AN SSSR 110 no.4:[illegible] Ag '56.

Colorimetric determination of beryllium by means of new reagents, beryllon II [with English summary inserted] G. N. Kazanskaya. Zhur. anal. khim. 11 no.4:[illegible] Jl-Ag '56.

Determination of beryllium [with English summary inserted] V. N. Gerasimov. Zhur. anal. khim. 11 no.4:502-503 Jl-Ag '56.

New reagents for colorimetric determination of beryllium. Beryllon II and III. N. M. Kuz'min, M. P. Cherkinskaia. Zhur. anal. khim. 11 no.4:247-250 Jl-Ag '56.

Separation of beryllium from aluminum and rare elements by the extraction of their 8-oxyquinolates. I. P. Alimarin, I. M. Kolthoff. Zhur. anal. khim. 11 no.4:[illegible] Jl-Ag '56.

**BERYLLIUM--DEFECTS**

Investigation of the [illegible] Beryllium. I. P. Bogolubskii. Zhur. eksp. i teor. fiz. 31 no.6:1047-1048 D '56.

**BERYLLIUM ACETATES**

Beryllium oxyacetate blue basic. A. I. Smirnova, E. N. Dalmatova. Zhur. neorg. khim. 1 no.8:1861-1865 Ag '56.

Compounds of beryllium oxyacetates with pyridine and dioxane. A. V. Novoselova, Dal'nost' Ming. Zhur. neorg. khim. 1 no.8:1852-1860 Ag '56.

**BERYLLIUM-COPPER ALLOYS** see Copper-beryllium alloys

[illegible]

**BIBLIOGRAPHY**

Bibliography of [illegible] Trudy Kaz. un. 85:[illegible] '56.

Bibliography of [illegible] Trudy Kaz. un. 85:[illegible] '56.

Bibliography of [illegible] Trudy Kaz. un. 85:[illegible] '56.

New books. Trudy Kaz. un. 85:[illegible] '56.

New books. Trudy Kaz. un. 85:[illegible] '56.

New books. Trudy Kaz. un. 85:[illegible] '56.

New books. Trudy Kaz. un. 85:[illegible] '56.

New books. Trudy Kaz. un. 85:[illegible] '56.

New books. Trudy Kaz. un. 85:[illegible] '56.

New books. Trudy Kaz. un. 85:[illegible] '56.

New books. Trudy Kaz. un. 85:[illegible] '56.

New books have been published. Sakharnaia prom. 30 no.8:[illegible] '56.

New publications by contributors of higher learning. Vest. vys. skoly 26 no.8:[illegible] '56.

Recent books. Mosk. univ. 11 no.8:[illegible] Ag '56.

What to read about modern technology. Prod. sakh. prom. 15 no.8:[illegible] '56.

**BIBLIOGRAPHY--AGRICULTURE**

Books sent to the village for consumers. Agrobiologiia no.4:[illegible] Jl-Ag '56.

Brief news. Sov. Finnia no.[illegible] '56.

New books. Studia i pamiat. ob v. and Khim. no.[illegible] '56.

New books. Studia i pamiat. ob v. and Khim. no.[illegible] '56.

New books. Sovr. vuzy. 28 no.[illegible] '56.

[illegible] (1956). [illegible] (Conference on [illegible] and [illegible] of the Academy of Sciences [illegible]. Bulletin of agricultural [illegible] [illegible] and [illegible] [illegible] Conference, Stockholm, 1956, 11 p. [illegible])

**BIBLIOGRAPHY--ASTRONOMY**

Bibliography. Astron. kalend. on the eve of cosmic [illegible].

New books. Astron. kalend. on the eve of cosmic [illegible].

**BIBLIOGRAPHY--ART**

New books. Izobrazit. isk. no.[illegible] of cosmic [illegible].

BIBLIOGRAPHY—AUTOMATIC CONTROL
List of Ukrainian works on automatic control. Avtomatyka no. 2:99 '56.

BIBLIOGRAPHY—AUTOMOBILE INDUSTRY
New books. Avt. i trakt. prom. no. 7:47 Jl '56.

BIBLIOGRAPHY—BEE CULTURE
New books. Pchelovodstvo 33 no. 10:56 O '56.
New books on beekeeping. Pchelovodstvo 33 no. 9:60 S '56.

BIBLIOGRAPHY—BIBLIOGRAPHY
[Bibliography of Soviet bibliography.] Bibliografiia sovetskoi bibliografii, 1955. 314 p.

BIBLIOGRAPHY—BIOCHEMISTRY
Author and subject index to "Biokhimiia" for 10 years (1946-1955). Biokhimiia 21 no. 4:insert Jl-Ag '56. 76 p.
[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia no. 8 '56.

BIBLIOGRAPHY—BIOPHYSICS
[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia no. 8 '56.

BIBLIOGRAPHY—BOILERS
Some works of the I. I. Polzunov Central Scientific Research Institute for Boilers and Turbines published in the second half of 1955. Energomashinostroenie no. 7: 31-32 Jl '56.
Summary of some work of the I. I. Polzunov Central Scientific Research Institute for Boilers and Turbines published in the second half-year of 1955 (conclusion). Energomashinostroenie no. 8:32 Ag '56.

BIBLIOGRAPHIY—BOTANY
"Introduction to botanical literature of the U. S. S. R."; manual for geobotanists. D. V. Lebedev. Reviewed by K. I. Shafranovskii. Bot. zhur. 41 no. 7:1054-1055 Jl '56.
Professor N. I. Rubtsov; on the 25th anniversary of his scientific activities. Z. V. Kubanskaia. Trudy Inst. bot. AN Kazakh. SSR 3:220-236 '56.

BIBLIOGRAPHY—BUILDING
Bibliography. Biul. stroi. tekh. 13 no. 8:3 of cover Ag '56.
Bibliography. Nov. tekh. i pered. op. v stroi. 18 no. 6:3 of cover S '56.
Bookshelf. Stroi. mat., izdel. i konstr. 2 no. 7:40 Jl '56.
Foreign periodical articles. Nov. tekh. i pered. op. v stroi. 18 no. 8:32 Ag '56.
New books. Nov. tekh. i pered. op. v stroi. 18 no. 8:32 Ag '56.
New books. Stroi. pred. neft. prom. 1 no. 7:31-32 S '56.
New books. Transp. stroi. 6 no. 7:3 of cover Jl '56.
New books. Transp. stroi. 6 no. 8:33 Ag '56.

BIBLIOGRAPHY—BUILDING MATERIALS
The bookshelf. Stroi. mat., izdel. i konstr. 2 no. 8:38-40 Ag '56.

BIBLIOGRAPHY—CARTOGRAPHY
Bibliography. Geod. i kart. no. 3:76-78 My '56.
Bibliography. Geod. i kart. no. 4:75-77 Je '56.

BIBLIOGRAPHY—CEMENT INDUSTRIES
Bibliography. TSement 22 no. 4:3 of cover Jl-Ag '56.

BIBLIOGRAPHY—CHEMISTRY
Reviews in foreign periodicals. Usp. khim. 25 no. 7:917-920 Jl '56.
Reviews published in foreign periodicals. Usp. khim. 25 no. 8:1068 Ag '56.

BIBLIOGRAPHY—CHILDREN—MANAGEMENT
Aid for parents. Sem'ia i shkola 11 no. 10:27 O '56.

BIBLIOGRAPHY—CHILDREN'S LITERATURE
Bibliographic aids for children and youth. V. Davydova, O. Levina. Bibliotekar' no. 9:18-19 S '56.
[Books for children's and school libraries; a guide to recommended literature] Knigi 1956 goda dlia detskikh i shkol'nykh bibliotek no. 1 '56. 109 p.

BIBLIOGRAPHY—CINEMATOGRAPHY
New books on photography and cinematography published by "Iskusstvo." V. I. Ushagina. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:75-77 Ja-F '56.

BIBLIOGRAPHY—COAL MINES AND MINING
Russia (1923- U. S. S. R.) Ministerstvo ugol'noi promyshlennosti. TSentral'nyi institut tekhnicheskoi informatsii. [Annotated list of works published in 1955] Annotatsionnyi spisok izdanii za 1955 god. Moskva, Ugletekhizdat, 1956. 29 p.

BIBLIOGRAPHY—COLLOIDS
About the book of A. V. Dumanskii "Bibliographic outline of the development of national colloidal chemistry." Reviewed by M. P. Kotov. Koll. zhur. 18 no. 4:511-512 Jl-Ag '56.

BIBLIOGRAPHY—COMMUNICABLE DISEASES
Russian literature. Zhur. mikrobiol. epid. i immun. 27 no. 9:100-121 S '56.

BIBLIOGRAPHY—COMMUNIST ETHICS
The moral aspect of the Soviet man. I. Blinkov. Bibliotekar' no. 9:32-36 S '56.

BIBLIOGRAPHY—COMPOUNDS, COMPLEX
Abram Mikhailovich Rubinshtein; obituary. O. E. Zviagintsev, A. V. Nikolaev. Zhur. neorg. khim. 1 no. 4: 909-914 Ap '56.

BIBLIOGRAPHY—CONCRETE
Literature on plain and reinforced concrete. Bet. i zhel.-bet. no. 9:344a-b S '56.

BIBLIOGRAPHY—CONDUCT OF LIFE
Leningrad. Publichnaia biblioteka. [Cultivated behavior of Soviet young people; brief recommended list] Kul'turnoe povedenie sovetskogo molodogo cheloveka; kratkii rekomendatel'nyi spisok literatury. Leningrad, 1955. 13 p.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY
Bibliography. Stroi. prom. 34 no. 9:51 S '56.

BIBLIOGRAPHY—CORN (MAIZE)
Eighteen pamphlets on corn. E. Kuz'min. Sel'khoz. Kazakh. no. 4:59-61 Ap '56.
New books. Kukuruza 1 no. 2:63 My '56.
New books. Kukuruza 1 no. 3:63 Je '56.

BIBLIOGRAPHY—ECONOMICS
New books. Mosk. prop. 13 no. 8:78 Ag '56.

BIBLIOGRAPHY—EDUCATION
Bookshelf. Nar. obr. no. 9:71 S '56.
[Literature on the pedagogical sciences.] Literatura po pedagogicheskim naukam Jan.-Dec. 1955 nos. 1-4 '55-'56.
New books. Sov. pedag. 20 no. 8:112-114 Ag '56.
New books. Sov. pedag. 20 no. 10:122-123 O '56.

BIBLIOGRAPHY—ELECTRIC ENGINEERING
New books on electricity and electrical engineering. Elektrichestvo no. 7:96 Jl '56.
New books on electricity and electrical engineering. Elektrichestvo no. 8:96 Ag '56.

BIBLIOGRAPHY—ELECTRIC WELDING
Foreign books and articles on welding. E. Z. IAkub. Svar. proizv. no. 8:3 of cover Ag '56.
Soviet books and articles on welding. V. A. Novakii. Svar. proizv. no. 8:30-32 Ag '56.

BIBLIOGRAPHY—ELECTRONICS
Publishing plans in the field of radio engineering and electronics for 1956. P. O. Chechik. Radiotekh. i electron. 1 no. 4:537-539 Ap '56.

BIBLIOGRAPHY—EROSION
Soil erosion and its control. Pochvovedenie no. 6:143-144 Je '56.

BIBLIOGRAPHY—FERTILIZERS AND MANURES
Soil fertility, fertilizers, and tillage. Pochvovedenie no. 6:138-142 Je '56.

BIBLIOGRAPHY—FISHERIES
"Bibliography on the fishing industry of southern basins of the U. S. S. R. for the years 1918-1953; commercial fish stocks and their replenishment." N. S. Romanov. Reviewed by P. Borisov. Zool. zhur. 35 no. 8:1269 Ag '56.

BIBLIOGRAPHY—FLOTATION
Flotation. (From foreign journals). A. L. TSvet. met. 29 no. 8:87-92 Ag '56.

BIBLIOGRAPHY—FLOWMETERS
Mass-rate flow-measuring based on the principle of inertia. (Foreign bibliography) Priborostroenie no. 9:32 S '56.

BIBLIOGRAPHY—FOOD INDUSTRY
Readers' comments on books. Sov. torg. no. 7:40-43 Jl '56.

BIBLIOGRAPHY—FOREST SOILS
Forest soil science. Pochvovedenie no. 6:143 Je '56.

BIBLIOGRAPHY—FOUNDING
New books. Lit. proizv. no. 8:3 of cover Ag '56.

BIBLIOGRAPHY—FRUIT CULTURE
New books. Sad i og. no. 8:78 Ag '56.

BIBLIOGRAPHY—GARDENING
Let us adorn the country with gardens; survey of literature. V. Shabanova. Bibliotekar' no. 9:10-13 S '56.

BIBLIOGRAPHY—GASES
Bibliography. Gaz. prom. no. 9:40 S '56.
Bibliography. Gaz. prom. no. 10:38-39 O '56.

BIBLIOGRAPHY—GEODESY
Bibliography. Geod. i kart. no. 2:75-78 Ap '56.
Bibliography. Geod. i kart. no. 3:76-78 My '56.
Bibliography. Geod. i kart. no. 4:75-77 Je '56.

BIBLIOGRAPHY—GEOGRAPHY
Literature on geology and related subjects acquired by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. in March, 1956. Izv. AN SSSR, Ser. geol. 21 no. 6:120-126 Je '56.
New books. Geog. v shkole 19 no. 4:79 Jl-Ag '56.

BIBLIOGRAPHY—GEOLOGY
Literature on geology and related disciplines received in the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. during April, 1956. Izv. AN SSSR. Ser. geol. 21 no. 7:117-125 Jl '56.
Literature on geology and related subjects acquired by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. in March, 1956. Izv. AN SSSR. Ser. geol. 21 no. 6:120-126 Je '56.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING
Articles on hydraulic engineering, hydroelectric power and related fields. Gidr. stroi. 25 no. 8:64 S '56.
From the pages of foreign periodicals. Gidr. stroi. 25 no. 7:63-64 Ag '56.
From the pages of journals. Gidr. stroi. 25 no. 8:59-64 S '56.

BIBLIOGRAPHY—HYDRAULIC MACHINERY
New books. Energomashinostroenie no. 7:2 of cover Jl '56.

BIBLIOGRAPHY—HYDROLOGY
Literature on meteorology and hydrology for 1955. Meteor. i gidrol. no. 7:55-60 Jl '56.

BIBLIOGRAPHY—HYGIENE
New books. Fel'd. i akush. 21 no. 9:60-61 S '56.

BIBLIOGRAPHY—INSECTS
Reviews and bibliography. O. L. Kryzhanovskii. Ent. oboz. 35 no. 3:724-728 '56.

BIBLIOGRAPHY—INSECTS, INJURIOUS AND BENEFICIAL
Bookshelf. Zashch. rast. ot vred. i bol. 1 no. 3:64 Jl-Ag '56.

BIBLIOGRAPHY—IRRIGATION
Articles on agricultural land improvement from foreign magazines. Gidr. i mel. 8 no. 8:62-63 S '56.

BIBLIOGRAPHY—KAZAKH LANGUAGE
Sarybaev, Sh. Sh. [Bibliography of Kazakh linguistics] Kazak til bilimining bibliografialyk körsetkishi. Zhauapty red. S. K. Keńesbaev. Almaty, Kazak SSR ğylym Akademiiasynyń baspasy, 1956. 94 p. [In Kazakh.]

BIBLIOGRAPHY—LAW
Legal literature of other foreign countries. The theory and history of state and law (1954-1955). Sov. gos. i pravo no. 6:156-159 '56.
New legal literature (March, 1956). Sov. gos. i pravo no. 4:155-158 '56.
New legal literature in the U. S. S. R. (April-June, 1956). Sov. gos. i pravo no. 8:151-153 '56.

BIBLIOGRAPHY—LIBRARY SCIENCE
New books on library science and bibliography. Bibliotekar' no. 9:45 S '56.

BIBLIOGRAPHY—LIGHT
New books. Svetotekhnika 2 no. 4:32 Jl '56.

BIBLIOGRAPHY—LIGHTING
Survey of foreign journals. Svetotekhnika 2 no. 4:31 Jl '56.

BIBLIOGRAPY—LITERATURE
A new bibliographical manual ("Russian and translated world literature, 1938-1953." Vol. 1. N. Matsuev. Reviewed by V. Afanas'ev). Novyi mir 32 no. 8:260-262 Ag '56.
New books. Druzh. nar. no. 8:189-192 S '56.

BIBLIOGRAPHY—MACHINE TOOLS
Books. Stan. i instr. 27 no. 7:46 Jl '56.
Dissertations. Stan. i instr. 27 no. 7:46 Jl '56.
Periodicals. Stan. i instr. 27 no. 7:46-47 Jl '56.

BIBLIOGRAPHY—MACHINERY
Annotations to articles in foreign journals. Stroi. i dor. mashinostr. no. 7:40 Jl '56.
Authors' abstracts of dissertations. Vest. mash. 36 no. 8:92 Je '56.
From the pages of foreign journals - July 1956. Mekh. trud. rab. 10 no. 8:48 Ag '56.
From the pages of journals. Mekh. trud. rab. 10 no. 9: 48 S '56.
New books. Vest. mash. 36 no. 8:93 Je '56.
New books. Vest. mash. 36 no. 9:91-92 S '56.
Review of foreign periodicals. Z. S. Elagina. Vest. mash. 36 no. 6:94 Je '56.
Survey of foreign periodicals. Vest. mash. 36 no. 9: 92-95 S '56.

DIBLIOGRAPHY—MATHEMATICS

Alchanatis Nikolaevich Strumolinskii, Nikolai. [Bibliography of the works of A. N. Strumolinskii.] Kiev, sap. Kiev. un. 11 no. 4 III 59 '58.

Mykola Mykolaievych Dobrolibnyi. [Bibliography of the works of N. M. Dobrolibnyi.] Kiev, sap. Kiev. un. 16 no. 4 III 137 '58.

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika. bibl. 5, V '58.

DIBLIOGRAPHY—MEAT INDUSTRY

New books. Miasn. ind. SSSR 27 no. 6:56 '56.

DIBLIOGRAPHY—MECHANICAL ENGINEERING

Authors' abstracts of dissertations. Vest. mash. 36 no. 9:90-91 S '56.

Authors' abstracts of dissertations. Vest. mash. 36 no. 11:90-91 N '56.

New books. Vest. mash. 36 no. 11:90-91 N '56.

Survey of foreign periodicals. A. S. Klagina. Vest. mash. 36 no. 8:92-94 '56.

DIBLIOGRAPHY—MEDICINE

Dissertations in surgery and related specialties. A. I. Nemtsenko, M. I. Nemenenkova. Vest. khir. 77 no. 5:153-155 My '56

From the pages of journals. Leb. delo 2 no. 2:91 Mr-Ap '56.

From the pages of journals. Leb. delo 2 no. 3:93 My-Je '56.

DIBLIOGRAPHY—METAL CUTTING

High-speed metal cutting." N. G. Chlenov-Pokshi, I. A. Yershyak. Reviewed by K. P. Zhukovskaia. Vest. mash. 36 no. 6:91 Je '56

DIBLIOGRAPHY—METAL INDUSTRIES

Mashinostroitel'nye zavody Sovetskogo Soiuza. Spravochnik-adresnik. [Machine-building plants of the Soviet Union; a reference book.] Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1956. 1 v. (Various pagings) illus. 1,000 copies printed. [MICROFILM]

DIBLIOGRAPHY—METALLURGY

Annotations. Stal' 16 no. 8:767-768 Ag '56.

Front pages of foreign journals. Metallurg, Gor. zhur., no. 8:60-63 Ag '56.

New technical books and articles. Stal' 16 no. 8:767-768 Ag '56.

DIBLIOGRAPHY—NITRATES

New books. Metallurg, Gor. zhur., no. 8:59-60 Ag '56.

DIBLIOGRAPHY—METALWORK

New books. Avt. i traktor. prom. no. 8:47-48 Ag '56.

DIBLIOGRAPHY—METEOROLOGY

Literature on meteorology and hydrology for 1957. Meteor. i gidrol. no. 2:63-64 F '58.

DIBLIOGRAPHY—METHODOLOGY

[Biophysics, biochemistry, physiology, microbiology] Biofizika, biokhimiia, fiziologiia, mikrobiologiia no. 5 '56.

Foreign literature (1953-1954) Mikrobiologiia 26 no. 5:527-527 S-O '57.

DIBLIOGRAPHY—MILITARY EDUCATION

New books. Voen. mysl' 31 no. 6:21 Je '56

DIBLIOGRAPHY—MINERALS DEPOSITS

Soil mineralogy. Pochvovedenie no. 6:155 Je '56

DIBLIOGRAPHY—MINING ENGINEERING

Books and articles on mining. Gor. zhur. no. 8:83-84 Ag '56.

Books and articles on mining. Gor. zhur. no. 9,11-84 I of cover S '56.

Foreign books and articles received during the second quarter of 1956. Ugol' 31 no. 8:45-46 Ag '56

New books on mining. Ugol' 31 no. 8:45-46 Ag '56.

DIBLIOGRAPHY—MOTION-PICTURE PLANTS

New motion pictures. Tekh. kino no. 2:123-128 Je '56

DIBLIOGRAPHY—MUSIC

[Musical literature.] Muzykal'naia literatura no. 11 '56.

DIBLIOGRAPHY—NATURAL HISTORY

List of books and manuscripts submitted to the Moscow Naturalists' Society in competition for the best work on natural history published or completed during the period of 1953-1955. Bull. MOIP. Otd. biol. 61 no. 3:111-112 My-Je '56.

DIBLIOGRAPHY—NONFERROUS METALS

New technical books and articles. Tsvet. met. 29 no. 8:84-87 Ag '56.

DIBLIOGRAPHY—NONFERROUS METALS INDUSTRY

New technical publications. Tsvet. met. 29 no. 9:93-94 S '56.

DIBLIOGRAPHY—OPTICAL-MECHANICS

[List of Prof. S. D. Pavshinskii's works.] Opt.-mekh. prom. 25 no. 10:60 O '58. (MIRA 11:11)

DIBLIOGRAPHY—PAPER INDUSTRY

New books. Bum. prom. 31 no. 12:31 '56

DIBLIOGRAPHY—PETROLEUM

Bibliography. Neftianik 1 no. 5:22 My '56

New books. Neftianik 1 no. 5:22 My '56

New books. Neftianik 1 no. 6:22 Je '56

New books on petroleum. Neftianik 1 no. 8:22-23 Jl '56

New books on petroleum. Neftianik 1 no. 9:22-23 S '56. (Errata no. 11:23 N '56)

DIBLIOGRAPHY—PHOTOGRAPHY

New books on photography and cinematography published by "Iskusstvo." V. I. Shagina. Zap. mosk. gos. ped. in-ta im. V. I. Lenina 161 no. 4:169-177 '58. (MIRA 12:2)

DIBLIOGRAPHY—PHYSICAL EDUCATION AND SPORTS

Museum, Public books [Bibliographical index of books on sports for the masses, published in the Russian language] Fizkul'tura i sport v massy, bibliograficheskii ukazatel' literatury, izdannoi na russkom iazyke. Moskva, 1954. 60p.

DIBLIOGRAPHY—PHYSICAL INSTRUMENTS

Dissertations for doctor's degree. Zav. lab. 22 no. 9:1122 '56

New books. Zav. lab. 22 no. 11:1379 '56

DIBLIOGRAPHY—PHYSICS

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika. bibl. 5, V '56

DIBLIOGRAPHY—PHYSIOLOGY

[Physics, biochemistry, physiology, microbiology] Biofizika, biokhimiia, fiziologiia, mikrobiologiia no. 5 '56.

DIBLIOGRAPHY—PLANT DISEASES

Bibliography. Zashch. rast. ot vred. i bol. 1 no. 7:78 Jl '56

DIBLIOGRAPHY—PLANTS, FOOD AND FODDER

Bibliography. Zashch. rast. ot vred. i bol. 1 no. 7:78 Jl '56

DIBLIOGRAPHY—POWER ENGINEERING

New books on power engineering. M. S. Marinskii. Elektrichestvo 77 no. 8:94 Ag '56

Periodical models of the All-Union Heat Engineering Institute in the field of high and supercritical parameters. Teploenergetika 3 no. 8:87 Ag '56

DIBLIOGRAPHY—PRESS

[Literature for press employees] Spravochnik rabotnika pechati no. 2:35 '58.

DIBLIOGRAPHY—PUBLISHING

Foreign literature in the field of publishing and the book trade. Reviewed by V. A. Kniazev. Kniga no. 1:154-157 '57. (MIRA 10:6)

A list of literature on publishing and the book trade. Kniga no. 1:158-160 '57. (MIRA 10:6)

DIBLIOGRAPHY—RADIO

New books. Radio no. 8:63-64 Ag '56

New books. Radiolaboratoriia 11 no. 1:63 Ja '57

New books. Radiolaboratoriia 11 no. 5:63-64 '57

New books. Radiolaboratoriia 11 no. 6:63 D '57

Publishing plans in the field of radio engineering and electronics for 1958. Radio no. 1:64 Ja '58. (MIRA 11:1)

DIBLIOGRAPHY—RAILROADS

Review of foreign railroad journals. Zhel. dor. transp. 38 no. 8:90-93 Ag '56

DIBLIOGRAPHY—RECLAMATION OF LAND

Soil improvement. Pochvovedenie no. 6:155 Je '56

DIBLIOGRAPHY—REFRACTORY MATERIALS

Bibliography. Ogneupory 21 no. 9:431-? of cover '56

DIBLIOGRAPHY—RUSSIA—ARMED FORCES

Moscow, Publichnaia biblioteka. Voennye sbory [Pioneers and strengthen the glorious military traditions of the Soviet army and navy, a brief recommended reading list] Voennye sbory [i.e. sbornik] v pomoshch' shkol'nym sovetam iz fondov Moskovskoi Arsenal'noi i Voenno-Morskogo Flota, krasnoi voennoi flotilii im. F. E. Dzerzhinskogo. Literatury. Moskva, 1954. 23 p.

DIBLIOGRAPHY—RUSSIA—GEOGRAPHY

Books about our land. G. Gapeyenkova. Pion. vozh. no. 10:75-79 Jl '56.

DIBLIOGRAPHY—RUSSIAN LITERATURE

Zolotarev, K. D. [Literary news; a recommended reading list] Novaia khudozhestvennaia literatura; kratkii rekomendatel'nyi ukazatel'. Pod red. M. S. Sidura. Moskva, Gos. ped. in-ta im. V. I. Lenina.
No. 1. [Soviet literature] Sovetskaia literatura. 1958. 32 p.

DIBLIOGRAPHY—SCIENCE

Bibliography of works published by the Academy of Sciences of the USSR in the field of the natural sciences and technology in 1956. Vest. AN SSSR 27 no. 2:124-128 F '57. (MIRA 10:3)

Bibliography of works published by the Academy of Sciences of the USSR in the field of the natural sciences and technology in 1956. Vest. AN SSSR 27 no. 3:124-128 Mr '57. (MIRA 10:4)

DIBLIOGRAPHY—SCIENTIFIC RESEARCH, ORGANIZATION AND PLANNING

Scientific research work in the Soviet Union. Compiled by E. S. Chudnovskaia. Book 1. Index on 31 no. 7:93-104 '57. (MIRA 10:8)

DIBLIOGRAPHY—SCIENCE

New books and pamphlets on science for 1956. Bibliografiia no. 6:87 '56. (MIRA 10:1)

DIBLIOGRAPHY—SEISMOLOGY

Annual bibliography of seismology. Izv. AN SSSR. Ser. geofiz. no. 11:1611-1615 N '58. (MIRA 11:12)

Yearbook of publications of the Seismological Institute of the Academy of Sciences of the USSR for 1956. Trudy Inst. fiz. zem. AN SSSR no. 1:233 '58. (MIRA 11:5)

Bibliography of Soviet publications, issued separately, in the field of theoretical seismology for the Seismological Institute of the All-Union Trade Bureau from 1950 to 1954 [Pamphlet pertaining to seismology, seismic waves, seismic prospecting. Theoretical seismology] Bibliografiia sovetskikh izdanii, vypushchennykh otdel'nymi knigami v 1950-1954 gg. Moskva.
Sec. 1. [Seismic waves, seismic rays, seismograms, velocity, attenuation] Seismicheskie volny, seismicheskie luchi, seismogrammy, skorost', pogloshchenie. Seismogrammy. 1955. 8 p.
Sec. 2. [Theory of seismograph, electrical equipment and instruments, seismometers, radio, radio telemetry, telephone, photography, filtering, seismic engineering] Teoriia seismografa, elektrooborudovanie i pribory, seismometry, radio, radio telemetriia, foto, fotografirovanie, filtr, seismicheskaia tekhnika. 1955. 23 p.
Sec. 3. [Chemistry and chemical analysis, chemical technology and apparatus, chemical industry, glass] Khimiia i khimicheskii analiz, khimicheskaia tekhnologiia i apparatura, khimicheskaia promyshlennost', [illegible]

BIBLIOGRAPHY—TECHNOLOGY (Continued)
1955. 27 p.
Sec. 6. [Physics] Fizika. 1955. 3 p.
Sec. 7. [Geology, petroleum industry, coal mining, gasification, gas and synthetic fuel, coal preparation] Geologiia, neftianaia, gorno-ugol'naia promyshlennost', gazifikatsiia, gazovye i iskusstvennye topliva, obogashchenie. 1955. 20 p.

Sec. 8. [Building, building materials, sanitary engineering] Stroitel'stvo, stroitel'nye materialy, santekhnika. 1955. 11 p.

What to read in the field of modern technology. Prof.-tekh. obr. 13 no. 9:31 S '56.

BIBLIOGRAPHY—TELECOMMUNICATION
New publications on problems of communications. Vest. sviazi 16 no. 8:35-36 Ag '56.

BIBLIOGRAPHY—TEXTILE INDUSTRY
From the pages of foreign journals. Tekst. prom. 16 no. 8:71 Ag '56.

BIBLIOGRAPHY—TILLAGE
Soil fertility, fertilizers, and tillage. Pochvovedenie no. 6:138-142 Je '56.

BIBLIOGRAPHY—TURBINES
Some works of the I. I. Polzunov Central Scientific Research Institute for Boilers and Turbines published in the second half of 1955. Energomashinostroenie no. 7:31-32 Jl '56.

BIBLIOGRAPHY—UKRAINIAN LITERATURE
New books. Dnipro 30 no. 9:128 S '56.

BIBLIOGRAPHY—VEGETABLE GARDENING
New books. Sad i og. no. 9:79-80 S '56.

BIBLIOGRAPHY—VOYAGES AND TRAVELS
Books written by journalists. Sov. pech. no. 9:35 S '56.

BIBLIOGRAPHY—WATER SUPPLY ENGINEERING
Annotated bibliography. Vod. i san. tekh. no. 8:40-41 Ag '56.
In the K. D. Pamfilov Academy of Municipal Services. Vod. i san. tekh. no. 7:37-38 Jl '56.

BIBLIOGRAPHY—WOODWORKING INDUSTRIES
Articles in foreign journals. Der. prom. 5 no. 9:25-26 S '56.
New books. Der. prom. 5 no. 8:28 Ag '56.
New books. Der. prom. 5 no. 9:25 S '56.

BIBLIOGRAPHY—YOUTH
Brief news on books. Mol. komm. 14 no. 8:127-128 S '56.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)
Bibliography as an aid to the guidance of reading. L. In'kova, E. Fomina. Bibliotekar' no. 8:14-17 S '56.

BICYCLE RACING
Fight for speed. R. Hiltunen. Smena 33 no. 15:23 Ag '56.
The great ring. Vs. Dalredzhiev. Fizk. i sport 26 no. 9:22-23 '56.

BICYCLES AND TRICYCLES see subdivision under Lvov; Penza

BIKCHENTAEV, ANVER
Children and adults ("Grand orchestra"; a tale. A. Bikchentaev. Reviewed by S. Polotsk). Druzh. nar. no. 9: 170-174 S '56.

BILE
Effect of the higher segments of the central nervous system on the secretion of bile in dogs of various ages. I. A. Medianik. Dop. ta pov. L'viv. un. no. 5, pt. 2:31-33 '55.
Effect of vegetative poisons on the secretion of bile during the postembryonal period of the organism. I. A. Medianik. Dop. ta pov. L'viv. un. no. 5, pt. 2:36-39 '55.
Neural regulation of the bile-producing function of the liver in ontogenesis. I. A. Medianik. Dop. ta pov. L'viv. un. no. 5, pt. 2:33-36 '55.

BILE DUCTS—SURGERY
Diagnostic value of cholangiography during surgery. A. M. Dzhavadian. Khirurgiia 32 no. 6:23-26 Je '56.
New by-pass operations of the bile ducts. G. Popov. Khirurgiia 32 no. 8:18-21 Je '56.
Surgical restoration of an injured common bile duct. Sh. A. Ptashek. Khirurgiia 32 no. 8:71-72 Je '56.

BILIARY TRACT—RADIOGRAPHY
Comparison of clinicoroentgenological data in biliary colic syndrome. S. A. Rekaleinikov. Khirurgiia 32 no. 6:40-43 Je '56.

BILIRUBIN
Thymol test made on blood donors with an increased content of bilirubin in blood serum. N. A. Gracvskaia. Lab. delo 2 no. 2:12-14 Mr-Ap '56.

BINAGADAY—PALEONTOLOGY
Fauna of the Binagady kir layers. A. N. Kirichenko. Dokl. AN Azerb. SSR 12 no. 8:563-564 '56.

BINDING MATERIALS
Using binding materials made of ashes from electric power stations as substitute for cement. B. V. Bureev. Nov. tekh. i perod. op. v stroi. 18 no. 9:19-21 S '56.

BIOCHEMISTRY
(see also subdivision under Ukraine)
Importance of I. P. Pavlov's teachings for the development of Russian biochemistry. IE. F. Sopin. Nauk. zap. Kiev. un. 13 no. 6:45-54 '54.

BIOCHEMISTRY—ABSTRACTS
[Chemistry; Biological chemistry; abstracts nos. 18719-20698] Referativnyi zhurnal: Khimiia; biologicheskaia khimiia nos. 20-21 O-N '56.

BIOCHEMISTRY—BIBLIOGRAPHY see Bibliography—Biochemistry

BIOCHEMISTRY—CONGRESSES
Notes on the Eighth All-Union Congress of Physiologists, Biochemists, and Pharmacologists. O. G. Lorents, IA. A. Epshtein, G. L. Mednik. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:171-182 '56.

BIOCLIMATOLOGY
Seminar of bioclimatologists. I. D. Kosmin. Meteor. i gidrol. no. 7:61-62 Jl '56.

BIOLOGICAL PRODUCTS see subdivision under Stavropol

BIOLOGICAL RESEARCH
(see also subdivision under Ukraine)
"Present-day methods and techniques of morphological investigations"; collection of articles. Reviewed by L. I. Falin. Usp. sovr. biol. 42 no. 1:108-110 Jl-Ag '56.

BIOLOGY
(see also subdivision under China)
Fraternal friendship between Russian and Ukrainian biologists. O. P. Markevych, I. P. Bilokin'. Nauk. zap. Kiev. un. 13 no. 6:5-12 '54.
K. Marx's letter concerning K. Fraas and some problems in modern biology. I. A. Khalifman. Agrobiologiia no. 4:136-147 Jl-Ag '56.
One of the immediate tasks of present-day biology. IU. S. Grigor'ev. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:99-110 '55.
Problems of general biology in the "Bol'shaia sovetskaia entsiklopediia." V. L. Ryzhkov. Bot. zhur. 41 no. 7: 1036-1042 Jl '56.

BIOLOGY—ABSTRACTS
Akademiia nauk SSSR, Otdelenie biologicheskikh nauk. [Abstracts of reports on scientific research during 1945] Referaty nauchno-issledovatel'skikh rabot za 1945 god. Moskva, 1947. 385 p.
[Biology; abstracts nos. 84305-88748] Referativnyi zhurnal: Biologiia no. 20 O '56.
[Biology; abstracts nos. 89749-93401] Referativnyi zhurnal: Biologiia no. 21 N '56.

BIOLOGY—HISTORY
History of biology in Russia during the 1820's and 1830's. S. R. Mikulinskii. Vop. ist. est. i tekh. no. 1:98-115 '56.

BIOLOGY—STUDY AND TEACHING
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [Experience in teaching biology; a collection of articles] Opyt prepodavaniia biologii; sbornik statei. Pod red. E. A. Florovoi, A. E. Stavrovskogo i V. F. Shalaeva. Moskva, 1956. 264 p. (Pedagogicheskaia biblioteka uchitelia)
"Extracurricular reading in biology in the seven-year school." E. IA. Pastukh. Reviewed by N. A. Gorbunov. Est. v shkole no. 5:93-96 S-O '56.

BIOPHYSICS—BIBLIOGRAPHY see Bibliography—Biophysics

BIOTITE
Experimenta on biotite-water and fayalite-water systems and some observations concening the role of hydrogen in granite magma. I. A. Ostrovskii. Dokl. AN SSSR 108 no. 6:1164-1166 Je '56.

BIRCH see subdivision under Volynskiy District

BIRD SONG
Significance of the nesting territory and singing of birds. L. A. Smogorzhevskii. Nauk. zap. Kiev. un. 9 no. 6:103-107 '50.

BIRDS
(see also subdivision under Armenia; Danube Delta; Moldavia; Pamirs; Taimyr Peninsula; Ukraine)
Beme, L. B. [Songbirds; catching them, caring for and observing them in captivity] Pevchie ptitsy; lovlia, soderzhanie i nabliudenie za nimi v nevole. Izd. 2-oe. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 266 p.
Life span of birds. M. Lebedeva. Okh. i okh. khoz. no. 9:26-28 S '56.

BIRDS—EGGS AND NESTS
(see also subdivision under Moscow Province)
Significance of the nesting territory and singing of birds. L. A. Smogorzhevskii. Nauk. zap. Kiev. un. 9 no. 6:103-107 '50.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—MIGRATION
(see also subdivision under Baltic Sea region; Sevan region)
The flight of birds. G. Dement'ev. Okh. i okh. khoz. no. 8:18-21 Ag '56.
Migration of the slender-billed nutcrackers (Nucifraga caryocatactes macrorhynchos) Brehm in the Ukraine in recent years. V. M. Artobolevskii. Nauk. zap. Kiev. un. 9 no. 6:161 '50.

BIRDS—PARASITES see Parasites—Birds

BIRDS, PROTECTION OF
(see also subdivision under Chelkar, Lake; Estonia; Voronezh Valley)
Dement'ev, G.P., and N.A.Gladkov. [The protection and attraction of useful birds] Okhrana i privlechenie poleznykh ptits; ob"iasnitel'nyi tekst k tablitsam. Izd. 3-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1955. 32 p.

BIRD'S FOOT TREFOIL
Feed value of bird's-foot trefoil. M. I. Smirnova-Ikonnikova, N. A. Mukhina. Dokl. Akad. sel'khoz. 21 no. 9: 24-28 '56.

BIRKBECK, WILLIAM JOHN, 1859-1916
In memory of William John Birkbeck. P. Kharlamov. Zhur. Mosk. Patr. no. 6:76-78 Je '56.

BISMUTH HALIDES
Polarographic determination of the number of electrons taking part in the electrochemical reduction of bismuth in melts. N. G. Chovnyk, V. V. Vashchenko. Zhur. neorg. khim. 1 no. 4:710-712 Ap '56.

BISMUTH-ZINC-COPPER ALLOYS see Copper-zinc-bismuth alloys

BISON see subdivision under Caucasus

BITUMEN
(see also subdivision under Emba Valley; Volga Valley)
Anomalies of bituminosity in strata of the middle Volga Valley. S. IA. Vainbaum, N. A. Koprova. Geokhim. met. poisk. nefti i gaza no. 2:89-92 '54.
Development and results of luminescence study of bituminosity for the past ten years. V. N. Florovskaia. Geokhim. met. poisk. nefti i gaza no. 2:92-103 '54.
Identification of natural bitumens on the basis of genetic characteristics. V. A. Klubov. Geokhim. met. poisk. nefti i gaza no. 2:110-124 '54.
Methods of studying the luminescence of petroleum and bitumen by means of the comparative microscopic-spectrophotometer. S. P. Maksimov, V. A. Shamburov, R. G. Pankina. Neft. khoz. 34 no. 8:58-60 Ag '56.

BLACK EARTH see Chernozem soils

BLACK FLIES
(see also subdivision under Armenia)
Rubtsov, I. A. [Methods of studying black flies] Moskva, Izd-vo Akademii nauk SSSR, 1956. 54 p. (V pomoshch' rabotaiushchim po zoologii v pole i v laboratorii, 4)

BLACK SCAB see Potato wart

BLACK SEA—CODFISH
Growth, sex maturing and herd characteristics of the Black Sea Merlangus (Odontogadus merlangus exuinus Nordm.) V. D. Burdak. Dokl. AN SSSR 109 no. 3:642-645 Jl '56.

BLACK SEA—FISHES
Materials on the fishes of the northwestern part of the Black Sea. V. S. Chepurnov, M. S. Burnashev, V. N. Dolgii. Uch. zap. Kish. un. 13:3-16 '54.

BLACK SEA—FISHING
Fishing in stormy weather. Semen Makarov. Ukraina no. 17:14-15 S '56.

BLACK SEA—OCEANOGRAPHIC RESEARCH
Redox potential of the Black Sea water. B. A. Skopintsev. Dokl. AN SSSR 108 no. 6:1120-1123 Je '56.

BLACK SEA—TUNA FISH
Some data on tuna in the Black Sea. M. S. Burnashev, V. S. Chepurnov, V. N. Dolgii. Uch. zap. Kish. un. 13:41-43 '54.

BLACK SEA REGION—ANTIQUITIES
Some types of settlements during the first centuries A. D. in the northern Black Sea region. E. A. Symonovich. Krat. soob. IIMK no. 65:131-135 '56.

BLACK SEA REGION—BORA
Some general theoretical problems concerning the origin of meteorological fronts and the bora of the Black Sea. A. M. Gusev. Dokl. AN SSSR 109 no. 4:757-760 Ag '56.

BLACK SEA REGION - HYDROBIA

Cause of a sudden dying out of plants. [A. I. Prokhorov, Priroda 45 no.6:127-128 N '56].

BLACK SEA REGION - VIEWS

[The Black Sea coast of the Caucasus; an album of views] Chernomorskoe poberezh'e Kavkaza, al'bom vidov. [Moskva] Iskusstvo, 1955. (Engraved, chiefly illus.)

BLADDER CALCULUS see Calculi, Urinary

BLADES

The vibrating vulcanite hacksaw blade. [Anon.] Engineer, Lond. 201 no.5224:Suppl.:xiii Ag '56.

BLAGOEV, DIMITÂR, 1855-1924

Dimitâr Blagoev's struggle for dialectical materialism. V. I. Kara-Murza, Vop. filos., no.4:49-53 '56.

BLAGOVESHCHENSKII, NIKOLAI IVANOVICH, 1900-

The oldest game manager. [L. Shcherbovskii. Okhota i okhot. khoz. no.9:17 S '56.

BLAST FURNACES
(see also sublimation under Germany, West)

Advantages of propelling and well found features of the design. V. M. Ogorodnik. Metallurg no.8:13-14 Ag '56.

Blow-in of pulverized coal fuel to hearths of blast furnaces. V. I. Bogdanov and others. Stal' 16 no.8:675-682 Ag '56.

Carrying out all blast-furnace operations in a good and hygienic manner. P. S. Radin-Sha. Metallurg no.8:11-12 Ag '56.

Charity in work organization is a guarantee of success. A. M. Tishkov. Metallurg no.8:1-2 Ag '56.

Coke and its use in blast furnaces for the production of iron. P. P. Kuznetsov, N. A. Nasonov, Boris Ushin. no.8:21-23 '56.

Complete utilization of potentialities available in blast plants. A. I. Rapoport. Stal' 16 no.8:713-716 Ag '56.

Designs of blast furnaces with thin-walled stacks. S. Shaw-both. Stal' 16 no.8:692-699 Ag '56.

Remote control of gas sampling along the radius of the shaft top. L. [A. Dispetov. Metallurg no.8:32-33 Ag '56.

Using waste-pressure blast furnace gas in gas turbines. M. V. Nasonov. Metallurg no.8:1-3 Ag '56.

BLAST FURNACES--EQUIPMENT AND SUPPLIES

Thermite valves of improved design. I. P. Sultan, I. I. Timonin. Metallurg no.8:13-14 Ag '56.

BLAST FURNACES--REPAIRING see sublimation under Magnitogorsk

BLASTING

A. F. Sukhanov's article. [N. N. Borisov] Gor. zhur. no.8:63 Ag '56.

A. F. Sukhanov's new theory on the crystalling of rock. V. T. Romanovskii. Gor. zhur. no.8:58-59 Ag '56.

Blasting of charges without failure and without shooting the wiring. A. I. Lur'e. Gor. zhur. no.8:33-34 Ag '56.

Shattering effect of explosives. A. F. Sukhanov. Ugol' 31 no.8:34-38 Ag '56

BLASTING, SUBMARINE

Tavrikar, V. M. [Blasting operations on waterways] Vzryvnye raboty na vodnykh putiakh. Moskva, Izd-vo "Rechnoi transport," 1956. 246 p.

BLEEDING

Studying the dynamics of the coagulation system of blood during bleeding. [Abstract] Vop. gemat. i perel. krovi 1:[illegible] '56.

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921

Shakespeare in the poetry of Blok. [Abstract] Ab. nauch. rab. ... Ag '56.

BLOOD

Circulation of blood in the vessels of the lungs. [Abstract] Ab. nauch. rab. ... Ag '56.

Determination of the volume of circulating blood. [Abstract] Ab. nauch. rab. ... Ag '56.

Physiological and biochemical investigations on the blood of cattle. [Abstract] Ab. nauch. rab. ... Ag '56.

Preservation of blood. [Abstract] Ab. nauch. rab. ... Ag '56.

Problem of the origin of the blood. [Abstract] Ab. nauch. rab. ... Ag '56.

Transfusion of blood. [Abstract] Ab. nauch. rab. ... Ag '56.

Using blood substitutes in surgical practice. [Abstract] Ab. nauch. rab. ... Ag '56.

BLOOD ANALYSIS AND CHEMISTRY

Changes in the morphological composition of peripheral blood and the [illegible] during [illegible]. [Abstract] Ab. nauch. rab. ... Ag '56.

Changes in the blood and their [illegible]. [Abstract] Ab. nauch. rab. ... Ag '56.

Methodology of [illegible] in the blood under [illegible]. [Abstract] Ab. nauch. rab. ... Ag '56.

Methodology determining the [illegible] in the [illegible] and in blood [illegible]. [Abstract] Ab. nauch. rab. ... Ag '56.

Physiological and biochemical investigations on the blood of animals at [illegible]. [Abstract] Ab. nauch. rab. ... Ag '56.

Role of the central nervous system in the regulation of blood circulation. [Abstract] Ab. nauch. rab. ... Ag '56.

... of the dynamics of [illegible] in animals ... [illegible]. [Abstract] Ab. nauch. rab. ... Ag '56.

BLOOD, ARTIFICIAL

... of blood flow rate with radioactive sodium. [A. M. Bazer, V. V. Zolov'ev]. Zav. vod. ... Ag '56.

... and its changes in respiratory blood. [I. I. Mukhin-Gavrilov]. Gosp. delo Urov. Sibi ... '56.

... and their acquired ... studying of blood circulation. [A. M. Shanzer]. Kaz. ... '56.

BLOOD, DISEASES OF

... acid content of enzymes of the ... of rabbits during the development of ... [A. M. Shanzer et al.]. ... Ag '56.

BLOOD, DISEASES OF

... in the morphological composition of ... and blood coagulation ... [A. M. Shanzer]. Lab. delo ... Ag '56.

... [illegible] and hemorrhagic ... Hematology, Clin. Biochem. Anal. ... no.2:[illegible]

... [illegible] ... [illegible] ... [illegible] 

BLOOD VESSELS (Continued)

Condition of the neurovascular system during syphilis with salvarsan complications. T. V. Vasil'ev. Vest. ven. i derm. 30 no. 4:25-29 Jl-Ag '56.

Role of the nervous system in the mechanism of the action of antireticular cytotoxic serum on cutaneous and vascular absorption capacity. I.V.Savyts'kyi, I.I.Adamova'ka Fiziol. zhur. [Ukr.] 2 no. 3:115-122 My-Je '56.

BLUEPRINTS

Conventional designation for wood on blueprints. A. A. Usachev. Der. prom. 5 no. 8:14-15 Ag '56.

BOARDING SCHOOLS
(see also subdivision under Kaluga; Kiev; Moscow; Russia)

Boarding schools go into operation. I. A. Kairov. Smena 33 no. 16:17 Ag '56.

Preparation of homework assignments in a boarding school. V. V. Sheiko. Sov. pedag. 20 no. 10:56-66 O '56.

What our schools is going to be like. V. P. Il'in. Pioner no. 9:2-3 S '56.

BOBBINS (TEXTILE MACHINERY)

Bobbin batter of new design. (From "Textile Recorder" no. 12, 1955). L. Zabelotskii. Leg. prom. 16 no. 7: 56 Jl '56.

BOCHVAR, ANATOLII MIKHAILOVICH, 1870-1947

Life, scientific and pedagogical work of A. M. Bochvar, honored scientist and technologist. V. D. Turkin. Issl. splav. tavot. met. no. 1:7-11 '55.

BODY FLUIDS

Microscopic picture of wound exudate following castration and sex hormone injection. A. I. Bukhonova. Probl. endok. i gorm. 2 no. 3:81-87 My-Je '56.

BODY TEMPERATURE

Our body temperature. A. N. Kabanov, E. K. Red'kina. Zdorov'e 2 no. 8:4-6 S '56.

Peculiarities of heat regulation in patients suffering from hypertension. L. I. Fisher. Klin. med. 34 no. 5:90 My '56.

Physiological and biochemical modifications in the blood of students at examination time. T. Gotsev and others. Fiziol. zhur. 42 no. 7:665-671 Jl '56.

Thermoregulation in hypertension. A. D. Pushkarev. Klin. med. 34 no. 5:80-84 My '56.

BÖLL, HEINRICH, 1917-

Crucial question; N. Sergeeva's review of a story by the West German writer H. Böll. Nov. vrem. 14 no. 37: 27-28 S '56.

BOGOMOLETS, ALEKSANDR ALEKSANDROVICH, 1881-1946

Aleksandr Alekseandrovich Bogomolets; 75th anniversary of his birth and 10th anniversary of his death. Klin. med. 34 no. 6:3-8 Je '56.

O. O. Bohomolets's works on hemodynamics. V. V. Voronin. Fiziol. zhur. [Ukr.] 2 no. 3:20-30 My-Je '56.

Oleksandr Oleksandrovych Bohomolets'; on his 70th birthday. Mikrobiol. zhur. 18 no. 3:3-5 '56.

Oleksandr Oleksandrovich Bohomolets'; on the 75th anniversary of his birth. N. D. Medvedieva. Fiziol. zhur. [Ukr.] 2 no. 3:5-13 My-Je '56.

Outstanding scientist Academician Aleksandr Aleksandrovich Bogomolets; on the 75th anniversary of his birth. A. Solun. Konevodstvo 20 no. 7:10-13 Jl '56.

BOGORODSK—MOTION-PICTURE PROJECTION

Attention to the audience determines the success of the showing. M. Kolobov. Kinomekhanik no. 8:10 Ag '56.

BOHOLIUBOV, MYKOLA MYKOLAIOVYCH, 1909-

Mykola Mykolaiovych Boholiubov. I. Z. Shtokalo. Nauk. zap. Kiev. un. 11 no. 7:117-127 '52.

BOILERS
(see also subdivision under Kuznetsk Basin)

Boilers for high steam parameters. L. B. Krol'. Energetika 4 no. 8:31-33 Ag '56.

Burning Kizel coal in furances with hand-fired chain grates. I. A. Sheinin. Energetik 4 no. 9:36-37 S '56.

Conversion of VNIISTO small cast-iron household heating boilers to gas fuel. D. IA. Vigdorchik and others. Gaz. prom. no. 9:17-22 S '56.

Determining the efficiency of using gas in steam boilers. A. A. Avdeeva. Gaz. prom. no. 9:13-17 S '56.

Drying of steam boiler linings. A. V. Romanovskii. Elek. sta. 27 no. 8:24-26 Ag '56.

Heat losses in buildings and coefficient of reserve in determining surface heat of boilers (critical notes to the SN and P). V. M. Kuznetsov. Vod. i san. tekh. no. 9:29 S '56.

In the I. I. Polzunov Central Scientific Research Institute for Boilers and Turbines. Energomashinostroenie no. 9:14 S '56.

Installing central heating in detached houses. Sel'. stroi. 11 no. 8:30-31 Ag '56.

Kapralov, V. A. [Manual for brick lining of steam boilers] Pamiatka obmurovshchika parovykh kotlov. Pod red. T. E. Grigor'eva. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 93 p. (V pomoshch' montazhniku-energetiku)

New method of heat-insulation work. T. G. Zamskii. Elek. sta. 27 no. 7:47 Jl '56.

Problems in designing large once-through boilers for supercritical steam parameters. K. A. Rakov and others. Teploenergetika 3 no. 8:3-10 Ag '56.

Projected new and improved boiler units. S. M. Shukhor. Teploenergetika 3 no. 8:54-57 Ag '56.

Remote-controlled meter of coal consumption for steam boilers. A. S. Semenov, G. A. Mordukhaev. Gidroliz. i lesokhim. prom. 9 no. 6:24-25 '56.

Results of thermochemical tests on a once-through boiler at 215 and 300 atm. IU. M. Kostrikin and other. Teploenergetika 3 no. 8:10-13 Ag '56.

Reversible steam boiler. N. Knlazev. Prom. koop. no. 8:19 Ag '56.

Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti stroitel'nykh materialov SSSR. [Instructions for the fitting and operation of the "Universal" cast iron sectional heater boiler] Instruktsiia po montazhu i ekspluatatsii otopitel'nogo chugunnogo sektsionnogo kotla "Universal." Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 17 p.

Steam boiler manufactured by the "L'vovsel'mash" Plant. Prom. energ. 11 no. 7:40 Jl '56.

Thermochemical tests with desalted water as feed for once-through boilers having supercritical parameters. N. V. Bulgakova, Z. V. Deeva, A. M. Prokhorova. Teploenergetika 3 no. 8:17-19 Ag '56.

Use of austenitic steel in a boiler installation having supercritical steam parameters (600° C and 300 atm.) in the heating and power plant of the All-Union Heat-Engineering Institute. I. N. Lagutsov. Teploenergetika 3 no. 8:39-43 Ag '56.

Using anthracite dust. B. F. Ermakov, V. P. Hadomskii. Masl.-zhir. prom. 22 no. 6:30 '56.

Washing steam of high-pressure and superpressure boilers. A. A. Kot. Teploenergetika 3 no. 8:14-17 Ag '56.

Ways of connecting the fuel regulating pillar of oil-fired boilers. G. S. Strikov. Elek. sta. 27 no. 7:62 Jl '56.

BOILERS—ACCESSORIES

Basic principles of the operation of the active part of the fitting. A. D. Moiseev. Elek. sta. 27 no. 8:16-18 Ag '56.

New regulating valve for continuous blowdown of boilers. V. I TSytsenko. Elek. sta. 27 no. 7:51-52 Jl '56.

Operation of spray desuperheaters in TP-170-1 high-pressure boilers. V. L. Dekhtiarev and others. Elek. sta. 27 no. 8:10-15 Ag '56.

BOILERS—BIBLIOGRAPHY see Bibliography—Boilers

BOILERS—INSPECTION

Russia (1923- U. S. S. R.) Ministerstvo zagotovok. [Manual on boiler inspection] Spravochnik po kotlonadzoru. Izd. 4-oe. Sost. N. F. Muromskii. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1956. 247 p.

BOILERS—SAFETY APPLIANCES

Eliminating a defect of the safety valve. V. K. Tolmachev. Energetik 4 no. 9:9-10 S '56.

Leverless self-reseating safety valve designed by V. D. Sherentsis for steam boilers with pressures up to 0.7 atm. F. P. IAnutsevich. Prom. energ. 11 no. 7:7-8 Jl '56.

Multiband ejector safety device for low-pressure steam boilers. S. I. Penkin. Vod. i san. tekh. no. 9:32-33 S '56.

BOILERS—WELDING

Automatic submerged arc welding of annular seams on thick-walled boiler cylinders. N. M. Goncharenko. Proizv. opyt v obl. svar. no. 1:57-68 '56.

Technology of making boiler cylinders at the "Krasnyi Kotel'shchik" plant. I. M. Shamraevskii, V. G. Radchenko. Proizv. opyt v obl. svar. no. 1:5-27 '56.

BOILERS, MARINE

Automatic device for reducing the oxygen content in the feed water of main boilers. G. G. Voskresenskii. Sudostroenie 22 no. 8:11-12 Ag '56.

New marine boiler design; from "Marine Engineer and Naval Architect" no. 845 and 849. S. S. Maizel'. Sudostroenie 22 no. 7:45-46 Jl '56.

Rate of heat transfer in high-pressure, main ship condensers. V. A. Agafonov. Sudostroenie 22 no. 8:5-7 Ag '56.

Reasons for enlarging tolerances for the installation of marine boilers. S. I. IUzik. Sudostroenie 22 no. 7:28-31 Jl '56.

BOILERS, WATERTUBE

Reversing the water circulation in boilers. S. I. Moshan, D. F. Peterson, B. D. Gusev. Energomashinostroenie no. 7:7-12 Jl '56.

BOLIVIAN ART see Art, Bolivian

BOLLWORM see subdivision under Murgab Valley

BOL'SHAYA VRADIYEVKA DISTRICT—VETERINARY MEDICINE

Veterinary service of a district. V. V. Murashko. Sots. tvar. 28 no. 9:56-58 S '56.

BOL'SHOYE GULIKOVSKOYE, LAKE—FORAMINIFERA

Discovery of Foraminifera in Bol'shoye Gulikovskoye Lake. P. D. Rezvoi. Dokl. AN Tadzh. SSR no. 1:43-47 '56.

BOLZMANN, LUDWIG, 1844-1906

Outstanding scientist and materialist. V. G. Baklaev. Nauka i zhizn' no. 9:58-59 S '56.

BONCH-BRUEVICH, MIKHAIL ALEKSANDROVICH, 1888-1940

Bonch-Bruevich, M.A. [A collection of works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR, 1956. 526 p.

BONDS, CHEMICAL see Chemical bonds

BONE MARROW see Marrow

BONES—RADIOGRAPHY

"Bones and joints in X-ray pictures." V. S. Maikova-Stroganova, D. G. Rokhlin. Reviewed by V. A. D'iachenko. Vest. rent. i rad. 31 no. 4:87-88 Jl-Ag '56.

BONES—TUMORS

Dynamics of the development of bone sarcomas originating under the influence of radioactive substances [with summary in English]. N. N. Litvinov. Vop. onk. 2 no. 3: 285-294 '56.

BONUS SYSTEM

Against fictitious piecework. K. Pen'kov. Sots. trud. no. 8:64 Ag '56.

Bonuses for the introduction of modern technology. A. Borukhovskii. Sots. trud. no. 8:49-53 Ag '56.

Increase material rewards for raising labor productivity. V. Peretrutov. Sots. trud. no. 8:57-59 Ag '56.

The operation of the hourly bonus system. E. Vernyi, M. Fedianin. Sots. trud. no. 8:76-80 Ag '56.

What our practice shows. A. Glugan. Sots. trud. no. 8: 81-83 Ag '56.

BOOK BUYING (LIBRARY ECONOMY) see Libraries—Order dept.

BOOK COVERS

Printing book cover backs on flatbed printing presses. I. N. Rybkin. Poligr. proizv. no. 4:20-21 Jl-Ag '56.

BOOK INDUSTRIES AND TRADE
(see also subdivision under China)

The story of a book. S. Volodin. Sov. pech. no. 9:29-30 S '56.

BOOK INDUSTRIES AND TRADE—EXHIBITIONS see subdivision under Leningrad

BOOKBINDING

Mechanizing glue applying operations. I. A. Dul'tsyn. Poligr. proizv. no. 4:20 Jl-Ag '56.

Stitching and binding operations in publishing small-format atlases. A. IA. Simonovskii. Geod. i kart. no. 2:62-66 Ap '56.

BOOKS
(see also subdivision under France)

Manuals on topographic anatomy issued in Russia during the 19th century. IU. V. Bukin. Vest. khir. 77 no. 8: 147-154 Ag '56.

BOOKS—CONSERVATION AND RESTORATION

Mycoflora of books and paper. IU. P. Niuksha. Bot. zhur. 41 no. 6:797-809 Je '56.

BOOKS—DRYING

Drying book units in the flow of unheated air. L. D. Net-gauz, A. I. Korenkevich. Poligr. proizv. no. 4:13-14 Jl-Ag '56.

BOOKS—REVIEWS

Authors and books. Ogonek 34 no. 36:25 S '56.

Book reviews. Mezhdunar. zhizn' no. 9:140-153 S '56.

The bookshelf. Biarozka 32 no. 10:31 O '56.

Bookshelf. Den. i kred. 14 no. 9:59 S '56.

Brief notes on books. Novyi mir 32 no. 8:284-286 Ag '56.

Gifts. D. Simbirtsev. Fizk. i sport 20 no. 9:40 '56.

New books on Siberia and the Far East. L. Voronkova. Mol. komm. 14 no. 8:127-128 Ag '56.

BOOKS AND READING

How we popularize books. B. Stakheev. Mol. komm. 14 no. 8:76-77 Ag '56.

Man and the book. Stefan Heym. Inostr. lit. no. 9:219-222 S '56.

BOOKS FOR CHILDREN see Children's literature

BOOKSELLERS AND BOOKSELLING
(see also subdivision under Czechoslovakia; Hungary; Karaganda Province; Kemerovo; Kirov Province; Lvov; Poland; Saratov; Ukraine)

Improve the quality of training. B. Khankin. Sov. knizh. torg. no. 9:8 S '56.

Knowledge helps one's work. A. Chuchmon. Sov. knizh. torg. no. 9:10 S '56.

On the road of reorganization. D. D'iakin. Sov. knizh. torg. no. 9:5 S '56.

Pamphlets on the forms of mass distribution of books. N. Dolgikh. Sov. knizh. torg. no. 9:22-23 S '56.

They write us. Sov. knizh. torg. no. 9:27-28 S '56.

We should master theoretical knowledge and improve practical skills. I. Erotskii. Sov. knizh. torg. no. 9:11-12 S '56.

What the school gave me. G. Didukh. Sov. knizh. torg. no. 9:10 S '56.

What we have seen and learned in the U.S.S.R. B.E. Steiner. Sov. knizh. torg. no. 9:20-21 S '56.

Who trains book agent specialists. T. Aizenberg. Sov. knizh. torg. no. 9:11 S '56.

BOOKSELLERS AND BOOKSELLING—COLPORTAGE, SUBSCRIPTION TRADE, ETC.

The reader wonders. A. Rozeda. Sov. knizh. torg. no. 9:25 S '56.

BOOKSELLERS' CATALOGS see Catalogs, Booksellers'

BOOTS AND SHOES

Liubich, M. G. [Characteristics of footgear] Svoistva obuvi. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 270 p.

BOOTS AND SHOES—REPAIRING
(see also subdivision under Gorkiy)

Assembly line in shoe repairing. A. Vlasova. Prom. koop. no 8:10-11 Ag '56.

Fine initiative. D. Kechedzhi. Prom. koop. no. 9:12 S '56.

BOOTS AND SHOES, RUBBER

Pisarenko, A.P., and B.A.Safrai. [Technology of the production of footwear rubber parts] Tekhnologiia proizvodstva obuvnykh rezinovykh detalei. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 182 p. (Uchebniki i uchenye posobiia dlia podgotovki rabochikh massovykh professii)

Reacting favorably to constructive criticism. V. Gromov. Sov. profsoiuzy 4 no. 7:44-45 Jl '56.

BORA see subdivision under Black Sea region

BORATES
(see also subdivision under Inderborski)

"Study and synthesis of borates in aqueous solutions." A. D. Kes'anis. Reviewed by A. V. Nikolaev. Zhur. neorg. khim. 1 no. 5:1122 My '56.

BORGOYSKAYA DEPRESSION—SHOSHONITE

Shoshonites of the Borgoyshaya Depression. I. V. Belov. Izv. AN SSSR. Ser. geol. 21 no. 7:102-107 Jl '56.

BORIC ACID

Boric acid solutions for treating seborrhea of the scalp. M. I. Polilov, G. L. Mezentseva, A. A. Vetrova. Vest. ven. i derm. 30 no. 4:56 Jl-Ag '56.

BORING
(see also subdivision under Estonia; Leninogorsk; Sakhalin)

in harvesting stump wood. stvenskii. Gidroliz. i lesо- 56.

drilling Ap '56. r bore- ].

uous Dokl.

Some regularities in the dynamics of bit teeth penetration into the rock. R. M. Eigeles. Neft. khoz. 34 no. 8:14-20 Ag '56.

Testing dust collector installations used in horizontal nonwash boring. V. G. Gnilovskii, R. Sh. Shkol'nikova. Gor. zhur. no. 8:54-56 Ag '56.

Testing is an important method for reducing completion time in drilling exploratory wells. V. D. Malovanskii. Neft. khoz. 34 no. 7:6-10 Jl '56.

BORING MACHINERY

Burdov, A.I., S.N.Kuznetsov, and N.A.Sorokin. ["Uralets" BU-2 boring machinery; textbook for master workmen schools and courses] Burovol stanok "Uralets" BU-2; uchebnoe posobie dlia shkol i kursov masterov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 106 p.

Core extractor; device for lifting cores from wells. S. I. Mekhonoshin. Gidr. i mel. 8 no. 10:47-48 O '56.

Determining operating characteristics of drill bit pin mounts in models. V. D. Taran, L. P. Skugorova. Trudy MNI no. 16:135-147 '56.

In the Scientific and Technical Council of the Ministry of Agriculture of the U.S.S.R. K. M. Lapidovskii. Gidr. i mel. 8 no. 10:63-64 O '56.

A new soil sampler. K. I. Mosolov. Nauka i pered. op. v sel'khoz. no. 8:64 Ag '56.

Self-propelled hydraulic drive boring machine for exploratory drilling. IA. M. Kershenbaum, V. M. Dubinin. Trudy MNI no. 16:168-175 '56.

Shumova, Z. I., and I. V. Sobkina. [Concise manual on turbine drills] Kratkii spravochnik po turbouram. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 141 p.

Strengthening mounts of drill bits by case hardening with boron. V. D. Taran, L. P. Skugorova. Trudy MNI no. 16:125-134 '56.

Use of hydraulic drills in vineyard planting. I. A. Kazas. Sad. vin. Mold. 11 no. 4:7-10 Jl-Ag '56.

BORING MACHINERY—PNEUMATIC DRIVING

Automatic feeder designed by T. Kilmenko, G. Liubenko, I. El'kin, G. Tomaev. Mast. ugl. 5 no. 9:23 S '56.

BORINGS

Study of the oldest carbonate rocks of the Russian Platform (according to data of deep-hole drilling). M. M. Veselovskaia. Dokl. AN SSSR 109 no. 3:604-606 Jl '56.

BORISLAV—DESCRIPTION

Borislav and its people. Petro Inhul's'kyi. Zhovten' 6 no. 8:63-68 Ag '56.

Borislav laughs; a photosketch. B. Hradov. Ukraina no. 16:2 Ag '56.

BORODIN, ALEKSANDR PORFIR'EVICH, 1833-1877

Some moments in Bordin's work on the opera "Prince Igor." Ed. Nuralov. Stud. nauch. sbor. ERPI no. 4: 41-59 '56.

BORON—PHYSIOLOGICAL EFFECT

Application of boron in the process of selection of poorly fertile hybrids. V. E. Pisarev, M. D. Zhilkina. Dokl. AN SSSR 108 no. 5:945-947 Je '56.

BORON FLUORIDE

Formation of benzene homologues and the special role of the surface in thermocatalytic transformations of isobutylene in the presence of boron fluoride. IA. M. Paushkin, A. G. Kil'zenrat. Dokl. AN SSSR 109 no. 5: 958-961 Ag '56.

Preparation of pure boron fluoride. M. I. Vinnik and others. Zhur. neorg. khim. 1 no. 4:628-631 Ap '56.

BORON HYDRIDES

Complex compounds of boron hydrides with nitrogen-containing organic bases. Part 1. Compounds of diborane with pyridine and quinoline. V. I. Mikheeva, E. M. Fedneva. Zhur. neorg. khim. 1 no. 5:894-902 My '56.

Preparation of tetraborane by the hydrolysis of borides. V. I. Mikheeva, V. IU. Markina. Zhur. neorg. khim. 1 no. 4:619-627 Ap '56.

Study of the reaction of boron trichloride etherate with lithium hydride. Part 1. Preparation of diborane of individual purity. V. I. Mikheeva, E. M. Fedneva. Izv. AN SSSR. Otd. khim. nauk no. 8:902-912 Ag '56.

BORON ORGANIC COUMPOUNDS

Organoboron compounds. The preparation of complex compounds of unsymmetric boron triaryls. B. M. Mikhailov, V. A. Vaver. Dokl. AN SSSR 109 no. 1:94-97 Jl-Ag '56.

BORON OXIDES

Equilibrium diagram for the system: CoO --B2O3. I. N. Belianev. Zhur. fiz. khim. 30 no. 6:1410 Je '56.

BOROVOY, SERGEI

Moscow-born champion of Kazakhstan. K. TSvetkov. Fizk. i sport 26 no. 9:15 '56.

BORRELIA

Materials on the study of granules of spirochetes. Report no. 2. Some conditions inducing the appearance of granules of tick-borne spirochetes of Caucasian and Central Asiatic relapsing fever. R. R. Gel'tser, O. P. Krylova. Zhur. mikrobiol., epid. i immun. 27 no. 9: 91-97 Ag '56.

BORSHCHOVOCHNYY RANGE—TOURMALINE

Morphology of tourmalines of the Borshchovochnyy ridge. T. N. Agafonova. Nauk. zap. Kiev. un. 9 no. 10: 59-68 '50.

BORZOI see Russian wolfhounds

BOTANICAL APPARATUS

Plant culture vessel for automatic watering and measuring of evaporation without weighing. E. M. Movsisian. Dokl. AN Arm. SSR 12 no. 3:91-96 '50.

BOTANICAL GARDENS see subdivision under Kiev; Tashkent; Ukraine

BOTANY
(see also subdivision under Arctic regions; Armenia; Kiev; Kirghizistan; Kustanay Province; North America; Pan) Valley; Terek Kuma Desert; Tien Shan; Tur-Aygyr Range; Uzbekistan)

From the I. V. Michurin archives. Vop. ist. est. i tekh. no. 1:11-23 '56.

News in botany. Bot. zhur. 41 no. 6:937 Je '56.

Vsesoiuznoe botanicheskoe obshchestvo. [To Academician V. N. Sukachev on the 75th anniversary of his birth; a collection of works on geobotany, silviculture, paleogeography and floristics] Akademiku N. V. Sukachevu k 75-letiiu so dnia rozhdeniia; sbornik rabot po geobotanike, lesovedeniiu, paleogeografii i floristike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 592 p.

BOTANY—ANATOMY

Anatomical structure of the petiole as an indicator of the drought-resistance of wild strawberries. D. F. Protsenko. Nauk. zap. Kiev. un. 6 no. 5:141-146 '49.

BOTANY—BIBLIOGRAPHY see Bibliography—Botany

BOTANY—CLASSIFICATION

Establishing species. N. V. Kovalev. Bot. zhur. 41 no. 6:855-857 Je '56.

BOTANY—ECOLOGY
(see also subdivision under Kazalinsk District)

The Franco-Swiss geobotanical school in its present-day status. A. A. Nitsenko. Bot. zh ur. 41 no. 6:890-897 Je '56.

New way of describing a grass stand by the "method of relative domination." G.D.IAroshenko. Dokl. AN Arm. SSR 12 no. 3:93-95 '50.

Vegetation dynamics on lands lying idle for various periods. B. G. Shurovenkov. Bot. zhur. 41 no. 6:880-883 Je '56.

BOTANY—ELECTROPHYSIOLOGY see Electrophysiology of plants

BOTANY—GEOGRAPHICAL DISTRIBUTION see Phytogeography

BOTANY—HISTOLOGY see Plant cells and tissues

BOTANY—NOMENCLATURE

Did Linné create the "binary nomenclature"? S. V. IUzepchuk. Bot. zhur. 41 no. 7:1056-1071 Jl '56.

BOTANY—PHYSIOLOGY

Action of light and glycolate upon the glycolic acid oxidase in plants (to the problem of the so-called "adaptation" of seedlings). P. A. Kolesnikov, S. V. Emenova. Dokl. AN SSSR 109 no. 1:152-155 Jl-Ag '56.

Activity of catalase as an indicator of shade tolerance in plants. S. IA. Mininberg. Nauk. zap. Kiev. un. 8 no. 5: 135-140 '48.

Biosynthesis of polypronic compounds in plants. V. V. Vil'iams. Izv. TSKhA no. 1:201-210 '56.

Effect of elevated soil temperatures on the growth and development of oats at different stages of ontogenesis. R. S. Limar'. Dokl. AN SSSR 108 no. 6:1104-1106 Je '56.

Friendship between Russian and Ukrainian phytophysiologists. D. P. Protsenko. Nauk. zap. Kiev. un. 13 no. 6: 13-20 '54.

Migration of radioactive phosphorus absorbed by the leaves of tillering oat plants. G. V. Zubiuda, M. I. Prosteva. Dokl. AN SSSR 109 no. 2:397-399 Jl '56.

Some remarks concerning Professor B. A. Rubin's article. S. D. L'vov. Bot. zhur. 41 no. 6:899-901 Je '56.

BOTANY—RESEARCH see subdivision under Denmark

BOTANY—STUDY AND TEACHING

The role of analysis, synthesis and comparison in the formation of botanical concepts. E. M. Kudriavtseva. Est. v shkole no. 5:25-31 S-O '56.

Training in logic in the methods manuals of N. M. Verzilin, V. M. Tetiurov. Est. v shkole no. 5:90-93 S-O '56.

BOTANY—VARIATION

Effect of environmental conditions on changes in the heredity of winter rye. V. N. Kovalev. Trudy Biol. inst. KirFAN SSSR no. 4:87-91 '51.

Genesis of oats as field weeds. M. G. Tumanian. Dokl. AN Arm. SSR 11 no. 1:35-44 '49.

Hereditary transformation of the Markiz spring wheat into winter wheat. N. P. Glinianyi. Agrobiologiia no. 4: 46-55 Jl-Ag '56.

Some cases of appearance of new forms in hops. I. D. Nechiporchuk. Agrobiologiia no. 4:136 Jl-Ag '56.

Transforming wild forms of perennial grasses into highly productive varieties. A. M. Konstantinova. Agrobiologiia no. 4:31-39 Jl-Ag '56.

Various blossom forms of Merendera trigyna. TS. R. Tonian. Dokl. AN Arm. SSR 10 no. 4:183-188 '49.

BOTANY, ECONOMIC
(see also subdivision under Murmansk Province)

[Technical and oilseed crops.] Tekhnicheskie i maslichnye kul'tury no. 11 N '56.

BOTANY, MEDICAL

Growing medicinal plants. F. Aizenkhut. Priroda 45 no. 9:96-98 S '56.

BOTANY, MEDICAL (Continued)

Rozhkov, M. I., and N. E. Smirnov. [Plants rich in vitamins] Vitaminnye rastenila. Moskva, Pishcheprom-izdat, 1956. 196 p.

BOTFLIES

On the problem of ophtalmomyiasis caused by the larvae of nose flies in Tajikistan. M. IA. Bobokhodzhaeva. Trudy AN Tadzh. SSR 40:147-151 '55.

BOTTLING MACHINERY

Suggestions of efficiency promoters. P. Makharina. Moloch. prom. 17 no. 6:41 '56.

BOULDERS see subdivision under Rostov-on-Don District

BOUNDARY LAYER

Oseen's nonstationary boundary value problem. L. E. Avalishvili. Soob. AN Gruz. SSR 17 no. 6:489-494 '56.

BOXES

Folding boxes for packing eggs. A. Kozlov. Nov. torg. tekh. no. 3:24 '56.

Improve records for returnable containers in canning factories. L. Sladkov. Bukhg. uchet 16 no. 6:46-47 Ag '56.

BOXING
(see also subdivision under Moscow)

Before the gong. V. Ozmidov. Smena 33 no. 11:23 Je '56.

In the third round. N. Shagin. Smena 33 no. 15:12 Ag '56.

BRAIN

Chamber for a biochemical study of the brain in rats during conditioned reflex motor-digestive and motor-defense reactions. E. A. Vladimirova. Vop. med. khim. 2 no. 3:229-233 My-Je '56.

Changes in the electrical activity of the heart and brain of animals in acute radiation sickness. M. A. Movsesian, A. A. Oganisian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 9 no. 8:13-20 Ag '56.

Effect of andrenalectomy on some features of carbohydrate metabolism in the brain and muscles. T. K. Valuieva, I. P. Mulieva'ka. Fiziol. zhur. [Ukr] 2 no. 3:164-168 My-Je '56.

Functional biochemistry of the brain. G. E. Vladimirov. Nauka i zhizn' 23 no. 9:21-22 S '56.

Method of making preparations of the brain. A. P. Liubomudrov, E. I. Goncharenko, E. L. Pratfel'd. Arkh. anat., gist. i embr. 33 no. 2:84-87 Ap-Je '56.

Physiology of memory. O. Ovchinnikova. Nauka i zhizn' 23 no. 9:22 S '56.

Regeneration of the ependymal lining of cerebral ventricles in rabbits. N. A. Samoshkina. Dokl. AN SSSR 109 no. 3:624-626 Ag '56.

Using radioactive isotopes for research work on functional biology of brain. O. V. Palladin. Vienyk AN URSR 27 no. 7:3-11 Jl '56.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—WOUNDS AND INJURIES

Disorders in the writing and reading abilities of polyglots. A. R. Luriia. Fiziol. zhur. [Ukr.] 2 no. 4:127-133 Jl-Ag '56.

Psychopathology of acute nonpenetrating injuries of the skull and brain. A. L. Abashev-Konstantynova'kyi. Fiziol. zhur. [Ukr.] 2 no. 4:43-50 Jl-Ag '56.

BRAKES

Cable drum brake with a loading gear. F. Leiner. Mor. flot 16 no. 8:27 Ag '56.

BRAKES—TESTING

New running-in and brake-testing block. V. Smirnov, U. Margvelidze. MTS 16 no. 9:34-35 S '56.

BRANDY

Grape varieties for making cognac. V. M. Maltabar. Sad. vin. Mold. 11 no. 4:45-47 Jl-Ag '56.

Role of oak wood in the aging of brandies. E. M. Shpritsman, D. A. Novokhatko. Sad. vin. Mold. 11 no. 4:47-50 Jl-Ag '56.

BRASS—HARDENING

Elasticity limit and elastic aftereffect of peened L62 brass sheet. S. O. TSobkallo, IU. F. Balandin. TSvet. met. 29 no. 9:74-76 S '56.

BRASS—METALLOGRAPHY

Effect of lead and antimony on the properties of α-brass (type L-68). M. V. Mal'tsev, M. V. Stepanova, T. I. Dubrovina. Issl. splav. tsvet. met. no. 1:117-119 '55.

Neutralizing the harmful effect of lead in copper and brasses. M. V. Mal'tsev, V. M. Teplinskaia, M. V. Stepanova. TSvet. met. 29 no. 7:68-72 Jl '56.

BRATSK HYDROELECTRIC POWER STATION

From Shaman to Padun. Miroslav Buzhkevich. Rabotnitsa 34 no. 9:10-12 S '56.

Lights of the Angara; impressions and encounters. Il'ia Avramenko. Zvezda no. 8:118-120 Ag '56.

BRAUN-BLANQUET, JOSIAS, 1884-

The Franco-Swiss geobotanical school in its present-day status. A. A. Nitsenko. Bot. zhur. 41 no. 6:890-897 Je '56.

BRAZIL—HUNTING

In the kingdom of the green sphinx. R. Krumbgol'ts. Vokrug sveta no. 8:43-46 Ag '56.

In the kingdom of the green sphinx. R. Krumbgol'ts. Vokrug sveta no. 9:22-26 S '56.

BRAZIL—INDIANS OF SOUTH AMERICA

"Indian tribes of northern Mato Grosso, Brazil" [in English]. Kalervo Oberg. Reviewed by L. Fainberg. Sov. etn. no. 2:170-172 '56.

BRAZIL—SOCCER

Family of soccer players. Charlie Kutts. Mol. mira no. 7:18-19 '56.

BRAZING

Letter to the editor. S. A. Kornilov. Vest. mash. 36 no. 6:81 Je '56.

BREAD

Amylographic investigation of bread staling. N. G. Enikeeva, L. IA. Auerman. Trudy MTIPP 4:105-117 '56.

Determining the degree of staleness of wheat bread by the compressibility and crumbling capacity of the soft part of the bread. L. IA. Auerman and others. Trudy MTIPP 4:121-126 '56.

Investigating the effect of the heating kinetics of baking on the quality of rye bread. N. I. Gogoberidze, L. IA. Auerman, V. V. Shcherbatenko. Trudy MTIPP 4:133-146 '56.

Losses of dry matter and moisture in the process of bread manufacture. V. V. Shcherbatenko, L. IA. Auerman, N. I. Gogoberidze. Trudy MTIPP 4:127-132 '56.

Organoleptic methods for evaluating the degree of freshness of bread. L. IA. Auerman, R. G. Rakhmankulova. Trudy MTIPP 4:118-120 '56.

Zwieback from rye bread baked by electric contact heating. L. IA. Auerman and others. Trudy MTIPP 4:82-86 '56.

BREAD—TRANSPORTATION

Use of machinery in unloading bread. V. Druz'. Nov. torg. tekh. no. 3:11-14 '56.

BREAM
(see also subdivision under Farkhad Reservoir)

Comparison of the Danube and Dnieper bream [with English summary in insert]. P. I. Pavlov. Zool. zhur. 35 no. 6:891-896 Je '56.

BREAST—CANCER

Influence of specific sera on the origin and course of mammary cancer in mice [with summary in English]. R. P. Matynova. Vop. onk. 2 no. 3:295-302 '56.

BREAST—DISEASES

Unusual case of gigantism of the breast in a 13-year old girl. A. N. Shabanov. Probl. endok. i gorm. 2 no. 1:99-101 Ja-F '56.

BREAST—SURGERY

A new variant of resection in mammary gland hypertrophy. A. F. Zverev. Vest. khir. 77 no. 7:134-135 Jl '56.

BRECHT, BERTOLT, 1898-1956

Writer, fighter, citizen. Stefan Heim. Ogonek 34 no. 35:29 Ag '56.

BREST—WORLD WAR, 1939-1945

The fortress of Brest. S. Smirnov. Sov. Soiuz no. 10: 6-7 O '50.

In 15 years. A. Belashcev. Belarus' 13 no. 9:25 S '56.

BREST PROVINCE—COMMUNITY CENTERS

Lights of Communist Youth League clubs. V. Ponizovskii. Mol. kolkh. 23 no. 8:12-13 Ag '56.

BREWING INDUSTRIES—BY-PRODUCTS

Swine-fattening station serving several collective farms. M. I. Kravtsov. Sots. tvar. 28 no. 9:26-27 S '56.

BRICK BUILDING see Building, Brick

BRICKLAYING

Kapralov, V. A. [Manual for brick lining of steam boilers] Pamiatka obmurovshchika parovykh kotlov. Pod red. T. E. Grigor'eva. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 93 p. (V pomoshch' montazhniku-energetiku)

Kurdiaov, B. S. [Engineers G. A. Maniukov's system of bricklaying] Kirpichnaia kladka sistemy inzhenera G. A. Maniukova. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 26 p. (V pomoshch' stroiteliu)

BRICKLAYING—COLD WEATHER CONDITIONS

Effect of the first freezing of brick mortar on its physical and mechanical properties. A. A. Shishkin. Stroi. prom. 34 no. 9:23-27 S '56.

BRICKMAKING
(see also subdivision under China)

The use of Chernozem soils in brick manufacture. V. Ostapenko. Stroi. mat., izdel. i konstr. 2 no. 8:23 Ag '56.

BRICKS—STANDARDS

Module silicate brick. A. Moseich. Stroi. mat., izdel. i konstr. 2 no. 7:26 Jl '56.

BRICKS—TRANSPORTATION

Electric transfer car in the Ochakov brick factory. S. Baskakov. Stroi. mat., izdel. i konstr. 2 no. 7: 24-25 Jl '56.

Special truck trains for transporting bricks on trays. B. Zinin, R. Smelianskii. Avt. transp. 34 no. 7:8-9 Jl '56.

BRIDGE CONSTRUCTION

Erecting bridge spans by the semisuspension method. N. M. Molokanov. Transp. stroi. 6 no. 8:11-13 Ag '56.

BRIDGES
(see also subdivision under Leningrad)

Action of temperature and shrinkage of concrete on the joined section of a metal beam and a reinforced concrete slab. K. K. IAkobson. Trudy NIIZHT no. 11:323-330 '55.

Calculating continuous through bridge spans. A. M. Kushnerev. Trudy NIIZHT no. 11:146-204 '55.

Distribution of temporary loading between the main girders of bridge spans having an upper deck road. F. F. Krasnov. Trudy NIIZHT no. 11:130-145 '55.

Problem of the best location for city bridges [in Georgian with summary in Russian]. A. M. Dzhangidze. Trudy Inst. stroi. dela AN Gruz. SSR 4:135-148 '53.

BRIDGES, ARCHED

Calculating several types of arch centers for laminated concreting of reinforced concrete bridges. L. N. Litvinov. Trudy MIIT no. 85/86:156-173 '56.

Zavriev, K.S. - [The calculation of arched bridges] Raschet arochnykh mostov, Moskva, Gos. transp. zheldor. izd-vo, 1956, 114 p.

BRIDGES, CONCRETE
(see also subdivision under Europe, Eastern; Europe, Western)

Book on precast concrete bridges ("Precast reinforced concrete pile bridges." N. M. Kolokolov. Reviewed by K. D. Ladychenko). Transp. stroi. 6 no. 7:31-32 Jl '56.

Continuous precast concrete bridge spans. I. A. Khazan. Avt. dor. 19 no. 7:21-23 Jl '56.

Experience with building precast reinforced concrete bridges. P. M. Novikov. Avt. dor. 19 no. 7:7-8 Jl '56.

Filtration forms for hardening the concrete surface of bridge supports. A. I. Gamaiunov. Transp. stroi. 6 no. 7:29-30 Jl '56.

Modern reinforced-concrete long-span bridges abroad. V. A. Granil'shchikov. Bet. i zhel.-bet. no. 9:334-338 S '56.

Precast reinforced concrete trestle pile bridges. A. M. Pomerantsev. Trudy MIIT no. 85/86:50-64 '56.

Prestressed bridge spans made of blocks prepared in machines. A. IA. Zhuravlev. Avt. dor. 19 no. 7:18-20 Jl '56.

Regulating stresses in jointless arched reinforced concrete bridges allowing for elongation processes. M. N. Mitropol'skii. Trudy MIIT no. 85/86:127-155 '56.

Reinforced concrete bridge spans joined on ribs and slabs. E. I. Shtil'man, A. B. Fainshtein. Avt. dor. 19 no. 8:5-7 Ag '56.

Using standard precast reinforced concrete girders in large dimension sloping bridges. I. M. Gel'fman. Avt. dor. 19 no. 7:8-9 Jl '56.

BRIDGES, IRON AND STEEL

Calculating compression members of metal bridges. F. F. Krasnov. Trudy NIIZHT no. 7:3-14 '40.

Rapid erection of a steel bridge. V. A. Timofeev. Avt. dor. 19 no. 8:4-5 Ag '56.

BRIDGES, PILE

Investigating the conditions determining the selection of optimum schemes for pile grillage of bridge supports. A. A. TSar'kov. Trudy MIIT no. 85/86:65-113 '56.

More accurate method of calculating massive supports for high pile gratings. V. S. Ishchenko. Avt. dor. 19 no. 8:18-19 Ag '56.

BRIDGES, PONTOON see Pontoon bridges

BRIDGES, WOODEN

More on wooden bridges. Avt. dor. 19 no. 7:16-17 Jl '56.

BRILL', EFIM ALEKSANDROVICH, 1896-

Birthday of a stage-director. Teatr 17 no. 9:167 S '56.

BRINES
(see also subdivision under Kara-Bogaz Gol, Gulf)

Method for chlorination of chlorine water brines in the production of bromine. F. F. German. Khim. prom. no. 3:171-172 Ap-My '56.

BRIQUETS see subdivision under Lyubertsy

**BRITISH COMMONWEALTH OF NATIONS** see Commonwealth of Nations

**BRITISH MILITARY BANDS** see Military bands, British

**BRUNOV, VALERIAN VASILIEVICH, 1873-1934**

[Armenian poetry in V. IA. Brunov's translations] Armianskaia poeziia v perevodakh V. IA. Brunova. [Posthumous publication] Erevan, Armianskoe gos. izd-vo, 1958. 316 p.

**BROACHING MACHINES**

Broaching instead of boring. M. D. Markhasev. Vest. mash. 38 no. 8:47-48 Ag '58. (MIRA 11:8)

Broaching large slot holes. V. A. Zolotenko. Vest. mash. 38 no. 9:44-47 S '58. (MIRA 11:9)

Efficient method for broaching irregularly shaped holes by electric sparks. N. B. Semenenko, N. G. Alekseevskaia, Vest. mash. 38 no. 10:51-53 O '58. (MIRA 11:10)

**BRODSKII, ISAAK ISAAKOVICH, 1884-**

I. I. Brodskii, I. A. Semenov. Vop. istor. est. no. 2:163 [60] '58. (MIRA 11:3)

Quantitative law. A. I. Leshkevich. Vop. istor. est. no. 2:158-159 '58. (MIRA 11:3)

**BROMIDES**

Bromide fungicaesia, in general application and as galvanic collar, combined with baths for treating hyperhidrosis. M. A. Vergeles-Kubata. Klin. med. 31 no. 6:64-67 '53. (MIRA 11:6)

Physicochemical study of the system $KBr$-$TlBr$-$H_2O$ [$K_2TlBr_3$-$H_2O$] solubility, viscosity, specific weight, and diagram. Yu. I. Sarmanov, Zhur. neorg. khim. 3 no. 11:2512-2520 N '58. (MIRA 11:12)

**BROMINATION**

Catalytic bromination of propane. M. Ia. Mendelevich, M. Bondarenko. Dokl. AN SSSR 120 no. 5:1051-1054 My '58. (MIRA 11:5)

**BROMINE**

Method for determination of chlorine water traces in the synthetic rubber production. V. P. Ivanova. Khim. prom. no. 2:121-122 Ap-My '58. (MIRA 11:3)

**BRONCHI--DILATATION**

Treatment by transfusion of blood with simultaneous ligation of pulmonary arterial trunk. V. N. Shaginian. Vest. khir. 77 no. 7:118-120 Jl '56. (MIRA 11:8)

**BRONCHI--RADIOGRAPHY**

Bronchoflowgraphy; a preliminary report. M. A. Veksman. Vest. rent. i rad. 31 no. 4:31-37 Jl-Ag '56. (MIRA 11:8)

**BRONCHI--TUMORS**

Radiodiagnosis of benign adenomas of the bronchi. L. B. Bezsmertnaia, A. A. Shmakova. Vest. rent. i rad. 31 no. 6:37-38 N-D '56. (MIRA 11:8)

**BRONCHOSCOPY**

Tracheobronchoscopy in tuberculosis of the lungs. M. V. Borzenkova. Pul'm. i tuberk. 21 no. 2:10-13 Mr-Ap '58. (MIRA 11:5)

**BRONNIKOV, NIKOLAI MIKHAILOVICH**

"Medicinal marshes of Vistka", history of an unique [work] IA. Bychkova. Priroda 47 no. 11:123 N '58. (MIRA 11:12)

**BRONNITSY DISTRICT--PASTURES AND MEADOWS**

Vegetation of meadows of the Moscow River floodland in the territory of the "Novyi Put'" Collective Farm, Bronnitsy District, Moscow Province. N. I. Orlenko. Bot. zhur. 43 no. 2:229-237 F '58. (MIRA 11:3)

**BROOKITE**

**CHAPHY**

Chinese and Iranian wrought in some [illegible]

M. Diakonov, I. I. Meshchaninov

Phytocidal properties of [illegible] M. Bondarenko. [illegible] 6 no. 3:54-71 Ag '58. (MIRA 11:8)

Variation and geographical distribution of [illegible] in connection with [illegible] M. M. [illegible] [illegible] 33 no. 2:[illegible] '58. (MIRA 11:3)

**BRUCELLOSIS PREVENTION**

Some aspects of the regional epidemiology [illegible] M. M. Beigelevskaia. Vest. AMN SSSR 13 no. 8:[illegible] '58. (MIRA 11:8)

**BRUCELLOSIS--PREVENTIVE INOCULATION**

Experimental substantiation of [illegible] Bakteriologiia, Virusologiia i Immunobiologiia Mikrobiol. zhur. 19 no. 2:28-35 '57. (MIRA 11:3)

Studying the effectiveness of [illegible] against [illegible] Trudy Ob"edin. n.-i. in-ta [illegible] 2:[illegible] '58. (MIRA 11:12)

**BRUCELLOSIS IN ANIMALS--PREVENTIVE INOCULATION**

Vaccine preparation of [illegible] Veterinariia 35 no. 11:[illegible] N '58. (MIRA 11:12)

**BRUCELLOSIS IN SHEEP**

Immunity in sheep following [illegible] A. N. Bakulova. Trudy Ob"edin. n.-i. in-ta [illegible] 2:[illegible] '58. (MIRA 11:12)

**BRUCELLOSIS IN SHEEP--PREVENTIVE INOCULATION**
(see also subdivision: Karakul sheep)

Tetanyl

Effectiveness of [illegible] against [illegible] N. A. Pavlenko. Veterinariia 35 no. 8:[illegible] Ag '58. (MIRA 11:12)

**BRYANSK PROVINCE--FORESTRY DISTRICTS**

Introducing [illegible] Bryan. Les. khoz. 11 no. 6:[illegible] Je '58. (MIRA 11:6)

**BUCHAREST--PHYSICAL EDUCATION AND ATHLETICS**

New gymnastics arena [illegible] Fiz. kul't. i sport 20 no. 2:[illegible] '58. (MIRA 11:3)

**BUCHWEIZAT**
(see also subdivision under Millet)

Biological [illegible] Trudy Vsesoiuznogo [illegible] Agrobiol. [illegible] 1:[illegible] '58. (MIRA 11:12)

Lysov, P. N. [Polyssia--the [illegible] of plowing under [illegible] [Buckwheat] Zemledelie 6 no. 8:[illegible] Ag '58. (MIRA 11:8)

Ilyn [Ilin], V. S. [Buckwheat--a valuable honey plant] Pchelovodstvo 35 no. 8:[illegible] Ag '58. (MIRA 11:8)

Ways of [illegible] A. I. Ivanchenko. S. S. [illegible] 6 no. 8:[illegible] Ag '58. (MIRA 11:8)

**BUDAPEST--BUILDING**

Visiting Hungarian [illegible] Stroitel' no. 8:[illegible] Ag '58. (MIRA 11:8)

**BUDAPEST--WORKERS' [illegible]**

[illegible] no. 2:[illegible] F '58. (MIRA 11:3)

**BUDDHA AND BUDDHISM**

"Buddhist texts through the ages" [in English]. Trans. from Chinese by Edward Conze [and others]. Oxford, Bruno Cassirer, 1954. [illegible] p. Reviewed by P. S. Semenov. Vest. drev. ist. no. 3:[illegible] '58. (MIRA 11:8)

**BUDDHISM**

Brief notes. [illegible] no. 2:[illegible] Ag '58. (MIRA 11:8)

How to [illegible] Lazar. [illegible] Stroitel' no. 2:[illegible] F '58. (MIRA 11:3)

[illegible] V. F. Kolchanov. Stroitel' no. 2:[illegible] F '58. (MIRA 11:3)

Ministerstvo finansov. Ukazy [Decrees of provincial treasuries] 2 in Moscow and Province. On budget of the U.S.S.R. [illegible] On [illegible] Sbornik Sovetskogo zakonodatel'stva, utverzhdennyi Sovetom [illegible]

**BUG, SOUTHERN, DISTRICT,**

[illegible] no. 2:[illegible] F '58. (MIRA 11:3)

[illegible] no. 2:[illegible] F '58. (MIRA 11:3)

**Alma-Ata Association**
**Kuprin Bldg, Moscow,**

[illegible] 2 no. 8:[illegible] Ag '58. (MIRA 11:8)

[illegible] no. 2:[illegible] F '58. (MIRA 11:3

BUILDING BLOCKS (Continued)

Kurdinev, D.S. [Engineer G.A. Maniukov's system of bricklaying] Kirpichnaia kladka sistemy inzhenera G.A. Maniukova. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 26 p. (V pomoshch' stroiteliu)

Large-block wall materials made of brick. A. Zhukov, I. Morachevskii, M. Khutorianskii. Strol. mat., izdel. i konstr. 2 no. 8:11-12 Ag '56.

Large blocks for the walls of industrial structures. S. Zak. Arkhit. SSSR no. 9:20-23 '56.

Large brick blocks for buildings' walls. I. Rokhlin. Arkhit. i bud. 4 no. 3:29-30 My-Je '56.

Large wall blocks made of lime and sand. V.I. Zenovich. Nov. tekh. i pered. op. v stroi. 16 no. 9:8-12 S '56.

A new method for the unification of large-size building units. G. Borisovskii. Arkhit. SSSR no. 8:34-40 '56.

School construction using large blocks in Moscow. S. Starostin, L. Fihova'kyi. Arkhit. i bud. 4 no. 2:23-25 Mr-Ap '56.

Thermal processing of blocks made of raw material ground in vibration mills. I. Fal'kov, P. Zil'berfarb. Strol. mat., izdel. i konstr. 2 no. 7:27-28 Jl '56.

BUILDING FITTINGS

Assembled steel cases. Arkhit. i bud. 4 no. 1:31 Ja-F '56.

BUILDING INDUSTRY see Construction Industry

BUILDING MACHINERY

Building and road construction machinery manufacture in the sixth five-year plan. E.S. Novoselov. Mekh. trud. rab. 10 no. 8:28-31 Ag '56.

Efficiency workers of the building project no. 27 of the Ministry of Construction Industry of the U.S.S.R. G.P. IAzvikov. Nov. tekh. i pered. op. v stroi. 18 no. 9:30-32 S '56.

Improving the erection of frame panel buildings. IA.I. Linetskii. Mekh. trud. rab. 10 no. 8:32-36 Ag '56.

Mechanization of construction work. A. Semenov. Arkhit. i bud. 4 no. 4:7 Jl-Ag '56.

Mechanized equipment used for installing geodetic signals. D.D. Kolkov. Geod. i kart. no. 3:26-30 My '60.

Modernizing equipment in the ministry's plants. V.I. Targonskii. Strol. i dor. mashinostr. no. 7:24-25 Jl '56.

New machinery and equipment. Strol. mat., izdel. i konstr. 2 no. 7:37-38 Jl '56.

Use new building construction methods and materials boldly. M. Lobanov. Arkhit. i bud. 4 no. 4:3 Jl-Ag '56.

We shall meet "Builder's Day" with achievements in the mechanization of construction work. Mekh. strol. 13 no. 8:3-6 Ag '56.

BUILDING MACHINERY—CONGRESSES

Insure the fulfillment of the measures worked out by the All-Union Conference of Construction Engineers. Strol. i dor. mashinostr. no. 7:3-4 Jl '56.

BUILDING MATERIALS

(see also subdivision under Iraq; Kustanay Province; Leningrad)

Building materials and construction based on incombustible binding substances. A. Matvifenko. Arkhit. i bud. 4 no. 2:26 Mr-Ap '56.

Dynamic effects of containers on building elements. Strol. prom. 34 no. 9:42-46 S '56.

Experimental study of the physico-mechanical properties of gaize and gaize mortars. G.A. Dzhikaeva, I.D. Bakhtadze. Trudy Inst. strol. dela AN Gruz. SSR 4:231-237 '53.

Laps from ceramic panels. I. Malboroda. Arkhit. i bud. 4 no. 4:5-6 Jl-Ag '56.

Large gypsum panels. V. Magritskii. Strol. mat., izdel. i konstr. 2 no. 8:33-36 Ag '56.

Matveev, M.A., and K.A. Smirnova. [Porous silicate products] Poristye silikatnye izdeliia. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 106 p.

Moulding machine for the production of rigid mineral wool slabs by the intermittent method. V.V. Shrom, S.P. Gimel'farb. Strol. i dor. mashinostr. no. 7:18-21 Jl '56.

Novosel'skii, N.L., V.M. Kunin, and L.IA. Drozdov. [Building slabs made of organic fibers] Stroitel'nye plity iz organicheskogo volokna. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 328 p.

Use new building construction methods and materials boldly. M. Lobanov. Arkhit. i bud. 4 no. 4:3 Jl-Ag '56.

The use of local building materials in rural construction. B. Ruzin. Arkhit. SSSR no. 8:30-33 '56.

Using gypsum and slag concrete in erecting livestock buildings. N. Kharchenko. Sel'. strol. 11 no. 8:8 Ag '56.

Volumetric weight of rock products. M. Nisnevich, I. Stepanov. Strol. mat., izdel. i konstr. 2 no. 8:16-17 Ag '56.

Why is the building materials industry lagging. L. Biriukov. Prom. koop. no. 9:32-33 S '56.

BUILDING MATERIALS—BIBLIOGRAPHY see Bibliography Building materials

BUILDING MATERIALS—TESTING

Device for approximate testing of the strength of building materials. V. TSarytsyn, IU. Kornilovych, IA. Osadchuk. Arkhit. i bud. 4 no. 3:18 My-Je '56.

BUILDING MATERIALS—TRANSPORTATION

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list no. 3 of miscellaneous prices for freight transportation in building work; supplement to "A collection of unit estimates for building projects"] TSennik No. 3 smetnykh tsen na perevozki gruzov dlia stroitel'stva; prilozhenie k "Sbornikam odnykh raionnykh edinichnykh rastsenok na stroitel'nye raboty." Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1950. 214 p.

Transporting packaged wall-building materials on trays. S.T. Vlasov. Biul. strol. tekh. 13 no. 8:8-11 Ag '56.

BUILDING MATERIALS INDUSTRY

(see also subdivision under Moscow)

Litvinenko, E.E. [Production of local building materials for rural construction] Proizvodstvo mestnykh stroitel'nykh materialov dlia sel'skogo stroitel'stva. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekture, USSR, 1955. 177 p. (Sel'skomu stroitel'stvu)

A plant for porous clay filler material. E. Mitusov. Strol. mat., izdel. i konstr. 2 no. 8:22-23 Ag '56.

BUILDING STONES

Large natural stone blocks. D.IA. Konstantinovskii. Nov. tekh. i pered. op. v stroi. 18 no. 9:12-14 S '56.

Use large blocks from turtle stone more extensively. IE. Itskovych, P. Bernshtein. Arkhit. i bud. 4 no. 1:26 Ja-F '56.

BUILDING TRADES

For a 40-hour work week and industrial safety. Erkki Salomaa. Vsem. prof. dvizh. no. 7:10-11 Jl '56.

BUILDING TRADES—STUDY AND TEACHING

(see also subdivision under Moscow; Saratov)

Educational training grounds for builders are needed. G. Bashmakov. Prof.-tekh. obr. 13 no. 8:16 Ag '56.

Experts exchange their experiences. P. Biriukov. Prof.-tekh. obr. 13 no. 8:14-15 Ag '56.

Familiarizing older students with the building trade. N.A. Abramov. Sov. pedag. 20 no. 8:38-42 Ag '56.

Improve the training of builders. I. Minasian. Prof.-tekh. obr. 13 no. 9:29 S '56.

Questions unresolved in construction schools. K. Evseev. Prof.-tekh. obr. 13 no. 9:7-9 S '56.

BUILDINGS, FARM see Farm buildings

BUILDINGS, INDUSTRIAL see Industrial buildings

BUILDINGS, LIBRARY see Library architecture

BUILDINGS, PREFABRICATED

Precast dwellings for new settlers. Strol. mat., izdel. i konstr. 2 no. 7:37 Jl '56.

BULGARIA

In the People's Bulgaria. M. Bugaeva. Sov. Soiuz no. 9: 26 S '56.

BULGARIA—AERONAUTICS, COMMERCIAL

In the skies of Bulgaria A. Alamasov. Grazhd. av. 13 no. 8:38 Ag '56.

BULGARIA—AGRICULTURE

Socialist reconstruction of agriculture in Bulgaria. T. Chernokolev. Slaviane no. 9:23-27 S '56.

BULGARIA—ARMY—INFANTRY

Organizing and conducting tactical training. B.N. Tomov. Voen. vest. 36 no. 9:33-39 S '56.

BULGARIA—ATTAR OF ROSES

Thirty-five million rose petals make one kilogram of perfume. Erma Stefanova. V zashch. mira no. 84: 99-102 S '56.

BULGARIA—BIBLIOGRAPHY—LAW

Legal literature in the people's democracies; Bulgarian People's Republic (1955). Sov. gos. i pravo no. 6:153-156 '56.

BULGARIA—COMMUNITY CENTERS

In a Bulgarian club. I. Boladzhiev. Kul't.-pros. rab. 17 no. 9:44-47 S '56.

BULGARIA—CRIMINAL LAW

Amendments and supplements to the criminal code of the Bulgarian People's Republic. M.A. Gel'fer. Sov. gos. i pravo no. 4:121-124 '56.

BULGARIA—CRIMINAL LAW—PERIODICALS

Review of articles published in the Bulgarian law journal "Sotsialisticheskoe pravo." P.S. Matysheveskii. Nauk. zap. Kiev. un. 14 no. 7:131-135 '55.

BULGARIA—ECONOMIC CONDITIONS

Above the map of the country. S. Daskalov. Krest'ianka 35 no. 9:11-13 S '56.

BULGARIA—GROWTH PROMOTING SUBSTANCES

Growth promoting substances used in Bulgarian agriculture. G. IA. Rozen. Nauka pered. op. v sel'khoz. no. 8:88-90 Ag '56.

BULGARIA—INDUSTRIES

Achievements of Bulgarian industry. Geog. v shkole 19 no. 4:65-66 Jl-Ag '56.

BULGARIA—INSURANCE, SOCIAL

Social security in Bulgaria. TSv. Marinova. Sots. obesp. 17 no. 8:56-58 Ag '56.

BULGARIA—LAW—PERIODICALS

A review of the Bulgarian law journal "Socialist law" for 1955. G.M. Min'kovskii. Sov. gos. i pravo no. 6:144-150 '56.

BULGARIA—MINING—HISTORY

An interesting book on the history of mining in Bulgaria ("An introduction to the history of mining and metallurgy in Bulgaria." G.Z. Koniarov. Reviewed by A.M. Gelluta). Vop. ist. est. i tekh. no. 1:303 '56.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA

In the name of Khristo Botev. A. Serbin. Ogonek 34 no. 39:8 S '56.

There are many roads to friendship. Liliana Stefanova. Sov. zhen. 12 no. 9:34 S '56.

BULGARIA—SOILS—MAPS

New medium-scale soil map for the People's Republic of Bulgaria. E.N. Tanov. Pochvovedenie no. 6:72-75 Je '56.

BULGARIA—WORLD WAR, 1939-1945

Armed uprising of Sept. 9, 1944 in Bulgaria. I.V. Ganevich. Pratsi Od. un. 149:147-149 '55.

BULGARIAN ARCHITECTURE see Architecture, Bulgarian

BULGARIAN LANGUAGE—ADVERB

Adverbs of time of the type "neshtes," "vecherta," and "noshtem," "vechor" in modern Bulgarian. V.V. Borodich. Krat. soob. Inst. slav. no. 16:27-36 '56.

BULGARIAN LANGUAGE—TENSE

The meaning and use of past tenses in Bulgarian literary documents from the 17th and 18th centuries. E.I. Dernina. Krat. soob. Inst. slav. no. 16:40-57 '56.

BULGARIAN LITERATURE—HISTORY AND CRITICISM

Bulgarian literature on the path of socialist realism. Dimitr Dimitrov. Vitchyzna 24 no. 10:164-174 O '56.

Creative ties between Bulgarian and Soviet literary criticism. Khristo Dudevski. Slaviane no. 9:39-42 S '56.

Ivan Franko and Bulgaria. Petko Atanasov. Vitchyzna 24 no. 9:163-180 S '56.

BULKHEADS (NAVAL ARCHITECTURE)

Role of removable 'tween-deck stanchions on two-deck ships. V. Kholosha. Mor. flot 16 no. 9:17 S '56.

BUNIN, IVAN ALEKSEEVICH, 1870-1953

I.A. Bunin in France during the war years. Viktor Antonov. Inostr. lit. no. 9:250-256 S '56.

BUNTING (BIRDS) see subdivision under Kiev

BURBANK, LUTHER, 1849-1926

Luther Burbank's theoretical views and work methods. I.I. Present. Izv. AN SSSR, Ser. biol. no. 4:121-128 Jl-Ag '56.

BURDENKO, NIKOLAI NILOVICH, 1876-1946

Ten years since N.N. Burdenko's death. N.M. Vlazemskii. Fel'd. i akush. 21 no. 9"21-25 S '56.

BURIAT-MONGOLIA see Buryat Mongolia

BURMA—ECONOMIC POLICY

Burma (Union). Economic and Social Board. [Pyrdawtha, the new Burma; a report from the Government to the people of the Union of Burma on our long-term program for economic and social development] Pidola - novaia Birma; doklad pravitel'stva narodu Birmagnskogo Soiuza o perspektivnoi programme ekonomicheskogo i sotsial'nogo razvitiia. Perevod s angliiskogo. S predisl. k russkomu izd. U Nu. Moskva, Izd-vo inostrannoi lit-ry, 1956. 133 p.

Programs for economic development in India and Burma [with summary in English, p. 31]. M. Solomonova, A. Akimov. Vnesh. torg. 36 no. 8:7-12 Ag '56.

BURMA—FOREIGN RELATIONS—RUSSIA

Relations between Russia and Burma in the 19th century [with English summary in insert]. O.F. Solov'ev. Sov. vostokoved. no. 4:120-134 '55.

BURMA—LABOR AND LABORING CLASSES

The working class and the liberation movement in Burma before the Second World War. V.F. Vasil'ev. Krat. soob. Inst. vost. no. 20:27-37 '56.

BURMA—POLITICS AND GOVERNMENT

The constitution of the Burmese Union. D.D. Ostapenko, B.A. Starodubskii, IU.G. Sudnitsyn. Sov. gos. i pravo no. 4:89-96 '56.

BURNS AND SCALDS

Basic concepts of the treatment of burns abroad. I.S. Kolesnikov, V.N. Sheinis. Vest. khir. 77 no. 7:111-124 Jl '56.

BURNS AND SCALDS (Continued)

Modern treatment of burns according to foreign literature; local treatment of burns. A. I. Drevina. Vest. khir. 77 no. 7:124-128 Jl '56.

Treating burns with penicillin ointment. V. L. Perepelitsa. Fel'd. i akush. 21 no. 8:47-48 Ag '56.

BURYAT LANGUAGE—FOREIGN WORDS AND PHRASES

Early borrowings in the Buryat language. K. Cheremisov. Svet nad Baik. no. 4:142-147 Jl-Ag '56.

BURYAT-MONGOLIA

Chronicle of cultural life. Svet nad Baik. no. 4:156-160 Jl-Ag '56.

BURYAT-MONGOLIA—CONSTRUCTION INDUSTRY

Construction on collective farms in Buryat-Mongolia. I. Smetanin. Sel'. stroi. 11 no. 8:6 Ag '56.

BURYAT-MONGOLIA—MINES AND MINERAL RESOURCES

Out of touch with life. N. Makarov. Svet nad Baik. no. 4:151-155 Jl-Ag '56.

BUS BARS, ELECTRIC see Electric bus bars

BUS LINES see Motorbus lines

BUSES see Motorbuses

BUSINESS—REMOVAL see Industries, Location of

BUSTS

Sculptured portraits. M. Neiman. Iskusstvo 19 no. 5: 12-15 '56.

BUSY WORK see Education of children—Occupations and busy work

BUTADIENE

Interaction of divinyl oxide with amines. A. A. Petrov, V. M. Al'bitskaia. Zhur. ob. khim. 26 no. 7:1907-1909 Jl '56.

Viscosity of butadiene-styrene polymers in the solid phase. A. S. Novikov, F. S. Tolstukhina. Dokl. AN SSSR 109 no. 3:576-578 Jl '56.

BUTADIYNE

Hydration of dimethyldiacetylene. G. M. Mkrian, N. A. Papazian. Dokl. AN Arm. SSR 16 no. 4:103-107 '53.

BUTANE

Catalytic alkylation of normal heptane by propylene and of normal butane by butylene at high temperatures and high pressures. L. Kh. Freidlin, A. A. Balandin, N. M. Nazarova. Dokl. AN SSSR 109 no. 1:105-108 Jl-Ag '56.

BUTANONE

Synthesis of $\beta$-dialkylaminobutanones. A. T. Babaian, A. G. Terzian. Dokl. AN Arm. SSR 9 no. 3:105-110 '48.

BUTCHERING see subdivision 'Slaughtering and Slaughterhouses under Moscow; Orel

BUTENE

Catalytic hydrocondensation of carbon monoxide with olefins. Part 17. Role of 2-butene in the hydrocondensation with carbon monoxide. IA. T. Eidus, R. I. Izmailov. Izv. AN SSSR. Otd. khim. nauk no. 7:869-872 Jl '56.

Condensation of 1, 3-dichlorobutene-2 with aromatic hydrocarbons in presence of zinc chloride [in Armenian with summary in Russian]. A. A. Durgarian, M. T. Dangian. Nauch. trudy Erev. un. no. 53:33-44 '56.

Kinetics and mechanism of the degradation of hydrocarbons. Part 3. Initiation of the cracking of butane by azomethane additions. A. D. Stepukhovich, E. E. Nikitin. Zhur. fiz. khim. 30 no. 6:1291-1295 Je '56.

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828-1905

A. M. Butlerov and English chemists. G. V. Bykov. Vop. ist. est. i tekh. no. 1:286-289 '56.

Development of A. M. Butlerov's theory of chemical structure in inorganic chemistry. O. E. Zvlaginisev. Vop. ist. est. i tekh. no. 1:70-81 '56.

BUTTER

Use of yeast in buttermaking. N. Samsonov. Moloch. prom. 17 no. 6:41-42 '56.

BUTTERFLIES

(see also subdivision under Australia; Ukraine)

Traveling butterflies. I. Starkov. IUn. nat. no. 6:1-2 S '56.

Wing pattern of pierid butterflies (Lepidoptera, Pieridae) [with summary in English]. B. N. Shvanvich. Ent. oboz. 35 no. 2:285-301 '56.

BUTTERMILK

Buttermilk dietetic products. N. Mazokhina. Moloch. prom. 17 no. 6:36 '56.

BUTTONS

Valuable raw material for manufacturing buttons. A. Shvanskii, S. Pottevskaia. Prom. koop. no. 9:16-18 S '56.

BUTYL NITRATE

Investigation of the kinetics of a homongeneous decomposition of propyl nitrate and butyl nitrate. M. F. Nagiev, Z. G. Petrova, A. I. Sultanova. Dokl. AN SSSR 109 no. 3:573-575 Jl '56.

BUTYNOL

Cleavage of esters of acetylenic alcohols. Part 1. Cleavage of esters of 2-butyn-1-ol with potassium hydroxide. G. M. Mkrian. Dokl. AN Arm. SSR 9 no. 3:111-116 '48.

BUZZARDS

(see also subdivision under Kirov Province)

Activities of birds of prey and field vole population on farm lands of southern Moscow Province [with summary in English]. M. IA. Lavrova, E. V. Karaseva. Biul. MOIP. Otd. biol. 61 no. 3:5-19 My-Je '56.

BYKOV, NIKOLAI

Trade-union group organizer Nikolai Bykov. I. Lemberik, N. Ushatikov. Sov. profsoiuzy 4 no. 7:52-55 Jl '56.

BYLINY

"The Russian heroic epic," V. IA. Propp. Reviewed by P. D. Ukhov. Sov. etn. no. 2:147-150 '56.

CABBAGE see subdivision under Arctic regions; Crimea; Komi A. S. S. R.; Russia, Northern

CABBAGE—DISEASES AND PESTS

Field test results of the effectiveness of treating cabbage seeds with "Bacterol A" preparation. K. H. Bel'tiukova, M. D. Kulikova'ka. Mikrobiol. zhur. 18 no. 3: 45-47 '56.

CABBAGE MAGGOT

Chemicals against cabbage maggots. I. P. Maslennikov. Zashch. rast. ot vred. i bol. 1 no. 2:43-44 My-Je '56.

CABLES, ELECTRIC see Electric cables

CABS see Taxicabs

CACTUS

Anatomical characteristics of some cactuses. D. F. Protsenko, M. V. Sidorenko. Nauk. zap. Kiev. un. 7 no. 6:173-182 '48.

CADDIS FLIES

Morphological relationships of the subfamilies Psychomyinae, Ecnominae, and Polycentropinae (Trichoptera, Annulipalpia) in the pre-imaginal stages. S. G. Lepneva. Ent. oboz. 35 no. 1:8-27 '56.

CADMIUM

Coprecipitation of cadmium with tetrabromomercurlate of antipyrine [with English summary in insert]. I. M. Korenman, A. A. Tumanov. Zhur. anal. khim. 11 no. 4:430-436 Jl-Ag '56.

Detection of cadmium in the presence of copper [with English summary in insert]. A. D. Despiller, M. A. Gurinovich, IU. N. Anisimova. Zhur. anal. khim. 11 no. 4:505-507 Jl-Ag '56.

On the mechanism by which Cd ions act on the contraction of the cardiac muscle [with English summary in insert]. T. M. Turpaev, L. I. Mamedova. Biokhimiia 21 no. 4:478-481 Jl-Ag '56.

Oxalate method of cadmium detection in presence of copper [with English summary in insert]. M. P. Babkin. Zhur. anal. khim. 11 no. 4:503-504 Jl-Ag '56.

Volumetric iodatometric method for the determination of cadmium. I. L. Bagbanly. Izv. AN Azerb. SSR no. 5: 29-41 My '56.

CADMIUM-MAGNESIUM ALLOYS see Magnesium-cadmium alloys

CADMIUM-NICKEL ALLOYS

Structure and properties of cadmium base bearing alloys. A. M. Bochvar, V. A. Blokhina. Issl. splav. tsvet. met. no. 1:66-70 '55.

CADMIUM CHLORIDE

Study the precipitate obtained from cadmium chloride in the presence of Seignette's salt and lye. O. Y. Komlev, Z. H. Halanets'. Nauk. zap. L'viv. un. 34:134-137 '55.

CADMIUM HALIDES

Urea complexes with cadmium chloride and bromide [in Armenian with summary in Russian]. S. N. Avakian. Nauch. trudy Erev. un. no. 53:137-144 '56.

CADMIUM SALTS

Complexing and exchange decomposition in the reciprocal system of thallium and cadmium chlorides and sulfates. A. K. Sementsova, A. G. Bergman, D. S. Losnykh. Zhur. neorg. khim. 1 no. 1:163-169 [Jan.] '56.

CADMIUM SULFIDE—ELECTRIC PROPERTIES

Redistribution of electron density in cadmium sulfide crystals as a results of changes in its electric conductivity. IU. N. Shuvalov. Dokl. AN SSSR 109 no. 4:753-756 Ag '56.

CAFETERIAS see Restaurants, lunchrooms, etc.

CAIRO—CULTURE

Encounters in Cairo. S. Korshunov. Vokrug sveta no. 9:11-12 S '56.

CAISSONS

Automatic caisson sinking. IU. V. Ditrikh, M. I. Smorodinov. Gidr. stroi. 25 no. 8:14-17 S '56.

CALCIUM—ISOTOPES

Determination of the solubility of calcium fluoride and fluoberyllate in water and in hydrochloric acid with the aid of tracers. L. M. Mikheeva, A. V. Novoselova, R. Biktimirov. Zhur. neorg. khim. 1 no. 3:490-505 Mr '56.

CALCIUM ARSENATES

Calcium arsenate in the monteziasis of lambs. M. N. Akramovskii, IU. G. Egorov, E. V. Bashkirtseva. Ovtsevodstvo no. 8:46 Ag '56.

CALCIUM CARBONATE see subdivision under Volga River

CALCIUM CHLORIDE

Effect of calcium chloride admixtures on the setting of mortar. V. A. Burenin. Strol. prom. 34 no. 9:36-37 S '56.

Elimination of the acute toxic action of streptomycin under experimental conditions. G. N. Kryzhanovskii, L. A. Povnitskii. Antibiotiki 1 no. 3:16-21 My-Je '56.

CALCIUM IN THE BODY

Calcium content in blood serum in connection with endemic urinary calculus. Z. Kh. Ikramov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:147-153 '55.

CALCIUM METABOLISM

Use of the radioactive $CA^{45}$ isotope for studying calcium metabolism in animals. B. N. Annenkov. Zhivotnovodstvo no. 8:54-60 Ag '56.

CALCIUM ORGANIC COMPOUNDS

Kinetics of the oxidation of calcium ablotate. M. M. Pauliuchenka, V. M. Akulovich. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:77-80 '56.

CALCIUM SALTS

Determination of the solubility of calcium fluoride and fluoberyllate in water and in hydrochloric acid with the aid of tracers. L. M. Mikheeva, A. V. Novoselova, R. Biktimirov. Zhur. neorg. khim. 1 no. 3:490-505 Mr '56.

CALCIUM SILICATES

Stabilization of bicalcium silicate. G. V. Kukolev, M. T. Mel'nik. Dokl. AN SSSR 109 no. 5:1012-1014 Ag '56.

CALCIUM TITANATES

Study of calcium titanates. A. I. Borisenko, P. V. Shirokova. Zhur. neorg. khim. 1 no. 4:815-818 Ap '56.

CALCULATING MACHINES

Algorithms and the mechanical solution of problems. B. A. Trakhtenbrot. Mat. v shkole no. 5:5-14 S-O '56.

Automatic control systems containing digital computers. IA. Z. TSypkin. Avtom. i telem. 17 no. 6:665-679 Ag '56.

Electro-hydraulic output unit for d. c. anolog computers. V. A. Kotel'nikov, V. A. Khokhlov. Avtom. i telem. 17 no. 7:801-810 Jl '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Computer Engineering.] Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika nos. 19 - 22, 26-28, 31, My-Ag '56.

Inductance of the current circuit in the disk of an induction device. P. N. Gorlunov, A. A. Kol'tsov. Elektrichestvo no. 9:15-18 Ag '56.

Most important tasks of the industry and the use of calculating machines in machine building. N. G. Lavinson. Vest. mash. 36 no. 8:71-74 '56.

My experience. M. Dobudoglo. Den. i kred. 14 no. 9: 47 S '56.

CALCULI, BILIARY

Kondrat'ev, V.A. [Advice for the patient suffering from cholecystitis and gallstones] Sovety bol'nomu kholetsistitom i zholchnokamennoi bolezn'iu. Moskva, Medgiz, 1954. 22 p. (Nauchno-populiarnaia moditsinskaia literatura)
(DAFM)

CALCULI, URINARY

(see also subdivision under Tajikistan)

Calcium content in blood serum in connection with endemic urinary calculus. Z. Kh. Ikramov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:147-153 '55.

Vitamin C in connection with urinary calculus. Z. Kh. Ikramov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:155-159 '55.

CALCULUS

Bermant, A. F. [A course in mathematical analysis] Kurs matematicheskogo analiza. Izd. 6-oe, stereotip. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry.
Pt. 2. 1956. 368 p.

CALCULUS, OPERATIONAL

Agranovich, Z.S., and A.IA.Povzner. [The application of operational methods to the solution of some problems in mathematical physics] Primonenie operatsionnykh metodov k resheniiu nekotorykh zadach matematicheskoi fiziki. Khar'kov, Izd-vo Khar'kovskogo gos. univ. imeni A.M.Gor'kogo, 1954, 53 p.

CALCULUS OF VARIATIONS

Variation methods of the solutions of boundary value problems as an analogy to the Treffiz method. M. Sh. Birman. Vest. Len. un. 11 no. 13:69-89 '56.

CALENDAR OF ANNIVERSARIES see Anniversary calendar

CALIFORNIA—RED SCALE

New methods in controlling California red scale. A. IA. Lesnikovskaia. Zashch. rast. ot vred. i bol. 1 no. 3: 53-54 Jl-Ag '56.

CALLISTHENES, PSEUDO-

Arabic parallel to Chapter 24, Book 3 of the Syriac version of the "History of Alexander the Great." P. G. Bulgakov. Palest. sbor. no. 2:53-57 '56.

CALMING OF WAVES see Waves, Calming of

CALVES

A lamb with four heads. A. Litvinov. Veterinariia 33 no. 9:51 S '56.

CALVES—DISEASES AND PESTS

Bacteriophage against paratyphoid fever and colibacillosis in calves. I.F.Kvesitadze. Veterinariia 33 no. 9:32-34 S '56.

Effectiveness of biomycin in paratyphoid fever in calves. N.I. Ovsianov. Veterinariia 33 no. 9:36-38 S '56.

Emel'ianov, A. N. [Prevention of disease in calves] Predupreshdenie boleznei teliat. [Saratov] Saratovskoe kn-vo, 1955. 66 p. (DA)

Rapid diagnosis of paratyphoid in calves by the precipitation reaction [in Azerbaijani with summary in Russian]. A. M. Akhmedov. Izv. AN Azerb. SSR no. 7:89-95 Jl '56.

CALVES—FEEDING AND FEEDING STUFFS

Increase the productivity of labor in feeding milk to calves. N. I. Shevtsov. Sots. tvar. 28 no. 10:16 O '56.

Nitrogen, calcium, and phosphorus metabolism in heifer calves during the preweaning period in connection with a varied dietary program. R. N. Odynets, N. IA. Bestkova. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:137-145 '55.

CAMELS

As it turns out to be. IUn. nat. no. 6:20-31 S '56.

CAMPING

Pleasant rest and creative work. Sots. Uz. 15 no. 8: 16-17 Ag '56.

CAMS

Friction of a roller in the slot of a cylindrical cam. V. T. Kositsyn. Trudy Sem. po teor. mash. 16 no. 62:56-63 '56.

CANADA—COMMERCE

Development of the economy and foreign trade of Canada in 1955 [with summary in English]. T. Lagin, M. Pastushenko. Vnesh. torg. 36 no. 9:8-12 S '56.

CANADA—CONTAINER INDUSTRY

Nailless crate: (from "Timber of Canada" no. 1, 1955). Der. prom. 5 no. 8:20 Ag '56.

CANADA—FISHERIES—RESEARCH

In Canada; travel notes. A. Shveitser. Nov. vrem. 14 no. 37:21-23 S '56.

CANADA—HEAT PUMPS

The use of heat pumps (from "Canadian Refrigerating Journal no. 2, 1955). G. Dezent. Khol. tekh. 33 no. 3: 73 Jl-S '56.

CANADA—LUMBER TRADE

Lumber industry and export in Canada. K. T. Senchurov. Les. prom. 34 no. 9:28-29 S '56.

CANADA—OIL FIELDS

Exploitation of oil sands ("Oil and gas," no. 14 '55). Azerb. neft. khoz. 35 no. 2:22 F '56.

CANADA—TRADE UNIONS

Canadian Catholic trade unions at a turning point in their history. Madeleine Parent. Vsem. prof. dvizh. no. 7: 12-14 Jl '56.

CANADA—UKRAINIANS

In faraway Canada. A. Shlepakov. Ukraina no. 16:17 Ag '56.

Ivan Franko and the Canadian Ukrainians. Petro Kravchuk. Vitchyzna 24 no. 9:146-152 S '56.

Kohuska, Nataika L. [Twenty five years of the Ukrainian Women's Association of Canada, 1926-1951] Chvert' stolittia na hromads'kii nyvi; istoriia Soiuzu Ukrainok Kanady, 1926-1951. [Winnipeg, Vyd. Soiuzu Ukrainok Kanady, 1952] 540 p.

Solemn celebration in memory of Ivan Franko. Stepan Matsiievych. Zhovten' 6 no. 9:21-30 S '56.

CANALS

(see also subdivision under Leningrad; Nicaragua; South America)

Evaluation of the effectiveness of using anti-seepage surfacings in canals. B. A. Gleizer. Gidr. stroi. 26 no. 7:29-32 Ag '56.

CANALS—LOCKS see subdivision 'Locks (Hydraulic engineering)' under China

CANARIES see subdivision under Kiev

CANCER

Biological diagnosis of cancer. A. I. Paches. Lab. delo 2 no. 2:21-23 Mr-Ap '56.

Blokhin, N. N. [The problem of fighting cancer; its present status and its prospects] Problema bor'by protiv raka; sostoianie i perspektivy. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 42)

Brucellosis and malignant growths. Sh. Kh. Bukeikhanova. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:70-78 '56.

Cancerocidal activity of some new phosphoramides. V. A. Chernov, S. I. Sergievskaia, A. A. Kropacheva. Farm. i toks. 19 no. 4:30-34 Jl-Ag '56.

Comparative rating of various testing methods for detecting the presence of cancerous elements in phlegm. A. IA. Al'tgauzen, G. I. Berkman. Lab. delo 2 no. 1:7-9 Ja-F '56.

Cytological diagnosis of malignant neoplasm in respiratory organs. T. V. Khitrovo-Goreva. Lab. delo 2 no. 1:9-12 Ja-F '56.

Data on xanthine oxidase from the liver of healthy rabbits and rabbits with tumors. V. P. Korotkoruchko. Ukr. biokhim. zhur. 28 no. 3:310-316 '56.

Excretion of ester-bound sulfuric acid with the urine in cancer. S. G. Kachanova. Vop. med. khim. 2 no. 4: 252-254 Jl-Ag '56.

Nitrogen balance in rabbits with Brown-Pierce tumors [with summary in English]. T. A. Gorlukhina. Vop. onk. 2 no. 3:320-323 '56.

Peculiarities of symptomatic treatment and care of patients with neglected forms and late metastases of malignant tumors. L. IU. Dymarskii. Fel'd. i akush. 21 no. 7:26-31 Jl '56.

A pipette for recovering fragments and complexes of cancerous cells in hemorrhagic exudations. N. G. Alekseev. Lab. delo 2 no. 4:28 Jl-Ag '56.

Sloanim, I. IA. [Technics of radical surgery for cancer] Tekhnika radikal'nykh operatsii po povodu raka. Kiev, Gos. med. izd-vo, 1956. 209 p. (DAFM)

Ways of studying the nature and mechanism of the development of malignant tumors. IU. N. Mol'kov. Med. sestra 15 no. 8:3-6 Ag '56.

CANDIDOMYCOSIS see Moniliasis

CANGLOMERATE see subdivision under Transcarpathia

CANNED MEAT see Meat, Canned

CANNES—MOTION-PICTURE FESTIVALS

Cannes, 1956. A. Kalashnikov. Iskusstvo kino no. 9:100-105 Ag '56.

CANNING AND PRESERVING

Method for cooling sauerkraut, pickles, pickled tomatoes, and other vegetables. IU. V. Makarov. Sov. torg. no. 8:41 Ag '56.

Preserving for winter. Sem'ia i shkola 11 no. 9:36 S '56.

Provisions for winter. Krest'ianka 35 no. 9:30-31 S '56.

CANNING AND PRESERVING—APPARATUS AND SUPPLIES

A useful book ("Technological equipment of fish canneries." G. V. Mikhailov. Reviewed by V. M. Chupakhin). Ryb. khoz. 32 no. 8:94-96 Ag '56.

CANNING INDUSTRY—ACCOUNTING

Improve records for returnable containers in canning factories. L. Sladkov. Bukhg. uchet 16 no. 8:46-47 Ag '56.

CANOES AND CANOEING

Hunting canoe. IU. Varenyshev. Okh. i okh. khoz. no. 8: 37-38 Ag '56.

In kayaks and canoes. I. Rogachev. Fizk. i sport 20 no. 9:20 '56.

The start signal is given. S. Mikhailov. Smena 33 no. 15:6 Ag '56.

CANS see Containers

CAPACITORS see Condensers (Electricity)

CAPACITY AND DISABILITY

In the Law Department of Leningrad University. N. L., P. E. Sov. gos. i pravo no. 6:124 '56.

CAPILLARIES

New experimental data on changes in capillary blood circulation. G. I. Mchedlishvili. Soob. AN Gruz. SSR 17 no. 6:537-544 '56.

Observations of the resistance of cutaneous capillaries in certain internal diseases. V. V. Silakova. Terap. arkh. 28 no. 5:64-66 '56.

CAPILLARITY

Theory of stationary capillary waves of finite amplitude. IA. I. Sekerzh-Zen'kovich. Dokl. AN SSSR 109 no. 5: 913-915 Ag '56.

CAPITAL

Fedorov, V.P. [The accumulation of capital and the impoverishment of the proletariat] Nakoplenie kapitala i obnishchanie proletariata. [Moskva] Izd-vo Moskovskogo univ., 1956. 51 p.

Panchenko, M.P. [Replacement of public capital] Vidtvorennia suspil'noho kapitalu. Kyiv, Vyd-vo Kyivs'koho derzh. univ. im. T.H.Shevchenka, 1956. 34 p.

CAPITALISM

(see also subdivision under United States)

A. I. Hertzen's criticism of the capitalist system and the bourgeois state. V. M. Katrych. Nauk. zap. Kiev. un. 14 no. 7:57-76 '55.

Basic economic law of contemporary capitalism. N. A. Moiseev. Pratsi Od. un. 145:151-178 '55.

Chernomordik, D.I. [Why the capitalists become rich and the workers become poor; the general law of capitalist accumulation] Pochemu bogateiut kapitalisty i bednelut rabochie; vseobshchii zakon kapitalisticheskogo nakopleniia. Moskva, Gos. izd-vo polit. lit-ry, 1956. 80 p. (Populiarnaia bibliotechka po markszizmu-leninizmu)

Democracy and the political power of monopolies. S. N. Nadel'. Vop. filos. no. 4:226-230 '56.

Leont'ev, L. A. [Economic crises] Ekonomicheskie krizisy. Moskva, Vysshaia partiinaia shkola pri TSK KPSS, 1956. 60 p. (Kurs politicheskoi ekonomii) (DS)

Rybalkin, A. [Commodity production under capitalism] Tovarnoe proizvodstvo pri kapitalizme. Kiev, Kievskii univ. im. T.G.Shevchenka, 1956. 30 p.

Some "theories" about the anticrisis effect of state expenditures. B. S. Kachura. Visnyk AN URSR 27 no. 7:30-50 Jl '56.

V. I. Lenin's development of the law of the unity and struggle of opposites as the basis of the analysis of the conflicts within imperialism. T. N. Kanova. Uch. zap. Akad. obshchestv. nauk no. 21:58-91 '56.

CAPITALISM—HISTORY

Ivan Franko on the struggle of workers during the time of capitalism. S. N. Fitipova. Nauk. zap. Inst. ist. AN URSR 8:80-96 '56.

CAPONS AND CAPONIZING

Changes in the correlation of muscle protein fractions in capons. V. I. Voronians'kyi. Ukr. biokhim. zhur. 28 no. 3:255-260 '56.

CAR AXLES

Car axle of new design. L. P. Bush. TSement 22 no. 4:28 Jl-Ag '56.

CARBIDES

Conformity of physicochemical properties of carbides. I. S. Gnev. Zhur. neorg. khim. 1 no. 2:193-211 F '56.

CARBOHYDRATE METABOLISM

Carbohydrate metabolism in cotton fiber in relation to certain cultivation practices. N. P. Krivkina. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:59-84 '55.

Daily rhythm of carbohydrate accumulation in leaves of Primula Moorkroftiana (Wall.) in relation to the developmental phase. R. M. Reinus. Izv. Otd. est. nauk AN Tadzh. SSR no. 8:143-147 '55.

Effect of andrenalectomy on some features of carbohydrate metabolism in the brain and muscles. T. K. Valuieva, I. P. Matevs'ka. Fiziol. zhur. [Ukr.] 2 no. 3:104-108 My-Je '56.

Effect of some antibiotics on carbohydrate metabolism. E. F. Sopin, L. K. Dyl'. Nauk. zap. Kiev. un. 12 no. 7: 153-155 '53.

Variation in the carbohydrate metabolism of oat in connection with high soil moisture. P. I. Lerman. Dokl. AN SSSR 108 no. 6:1191-1193 Je '56.

CARBON

Carbon-adsorptive installation with horizontal adsorbers. V. F. Mutlin. Gaz. prom. no. 10:34-35 O '56.

CARBON—ISOTOPES

Study of the chloroprene GO-polymerization mechanism by means of labelled atoms. A. N. Pravednikov, S. S. Medvedev. Dokl. AN SSSR 109 no. 3:579-581 Jl '56.

CARBON, ACTIVATED

Studying the heat of wetting of activated carbon by solvents and their mixtures. N. F. Ermolenka, I. P. Kutnau. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:87-93 '56.

CARBON BLACK

Methods for determining the industrial properties of carbon black rubber mixes. P. N. Orlovskii, A. I. Lukomskaia, S. K. Bogatova. Khim. prom. no. 4:217-224 Je '56.

CARBON DIOXIDE

Facts and their interpretation; a comment on V. O. Kalinenko's paper: "Does chemosynthesis exist in ferrobacteria and in nitrifying bacteria?" [With English summary in insert.] V. N. Shaposhnikov. Mikrobiologiia 25 no. 4:497-507 Jl-Ag '56.

CARBON DIOXIDE—PHYSIOLOGICAL EFFECT

Case of acute poisoning in a pit where sauerkraut is made. A. M. Matusov. Gig. i san. 21 no. 9:78-79 S '56.

CARBON MONOXIDE

Catalytic hydrocondensation of carbon monoxide with olefins. Part 17. Role of 2-butene in the hydrocondensation with carbon monoxide. IA. T. Eidus, R. I. Izmailov. Izv. AN SSSR. Otd. khim. nauk no. 7:869-872 Jl '56.

Determination of carbon monoxide by contact combustion with copper oxide as catalyser. P. M. Sadovskii. Gig. i san. 21 no. 9:92-93 S '56.

CARBON TETRACHLORIDE

Addition of halogen derivatives to olefins under high pressure. Reaction of carbon tetrachloride with isobutylene. N. F. Bogomolova, O. K. Dubroval. Trudy Inst. neft. 8:176-179 '56.

Chain reaction of carbon tetrachloride with isopropyl alcohol, initiated by acetylated and benzoylated hydroperoxides of 1-oxycyclohexanone. G. A. Kolpovskaia, and others. Zhur. ob. khim. 26 no. 7:1981-1986 Jl '56.

CARBONATES (MINERALOGY)
(see also subdivision under Russian Platform)

Carbonate formation processes in Inder borate beds. A. F. Gorbov. Dokl. AN SSSR 109 no. 1:139-140 Jl-Ag '56.

CARBONIC ANHYDRASE

Determination of carbonic anhydrase in the blood in chronic pulmonary diseases. A. E. Sigal. Terap. arkh. 28 no. 5:56-59 '56.

CARBONYL COMPOUNDS

Oxidation of carbonyl compounds with hydrogen peroxide and per acids. V. N. Belov, L. A. Kheifits. Usp. khim. 25 no. 8:969-1042 Ag '56.

CARBONYLHEMOGLOBIN

Drop test with copper sulfate for carboxyhemoglobin. G. A. Stepanskii. Lab. delo 2 no. 3:13-14 My-Je '56.

CARBOSTYRIL

Tautomerism of $\alpha$-pyridone and carbostyril. M. I. Kabachnik, S. T. Ioffe, IU. N. Sheinker. Zhur. ob. khim. 26 no. 7:2025-2029 Jl '56.

CARBOXYL GROUP

Decarboxylation of $\alpha$-acylamino-$\beta$-halosubstituted carboxylic acids. O. V. Kil'disheva and others. Izv. AN SSSR. Otd. khim. nauk no. 7:850-854 Jl '56.

CARDIAC DISEASES see Heart—Diseases

CARDING MACHINES

Gamburg, IA. IU., and I. KH. Zelikman. [Design, assembly, repair, and adjustment of carding machines in the production of cloth] Ustroistvo, montazh, remont i naladka kardochesal'nykh apparatov sukonnogo proizvodstva. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1956. 169 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

Role of grate bars in the quality of the carded sliver. I. M. Khatenever. Tekst. prom. 16 no. 8:51 Ag '56.

CARDIOVASCULAR SYSTEM

Accomodation capacity of the cardiovascular system during blood loss in dogs following high total transection of the spinal cord. N. S. Dzhavadian. Fiziol. zhur. 42 no. 7:553-548 Jl '56.

Changes in cardiovascular activity during and after radical surgery of the lungs [with summary in English, p. 159]. V. I. Struchkov and others. Vest. khir. 77 no. 7:64-70 Jl '56.

Method of preparation of so-called saline frogs. N. V. Korostovtseva. Fiziol. zhur. 42 no. 7:609-611 Jl '56.

CARDIOVASCULAR SYSTEM—DISEASES

Diagnosis and treatment of Lutembacher's syndrome [with summary in English, p. 157]. S. A. Gadzhiev, V. I. Mishura. Vest. khir. 77 no. 7:15-23 Jl '56.

CARDIOVASCULAR SYSTEM—SURGERY

Some problems in cardiovascular surgery [with summary in English, p. 157]. F. G. Uglov. Vest. khir. 77 no. 7:3-15 Jl '56.

CARGO HANDLING

Regulation of work shifts in ports. A. Polevoi. Mor. flot 16 no. 8:6-8 Ag '56.

CARICATURES AND CARTOONS see subdivision under China

CARLSBAD—DESCRIPTION

City of hot springs. Antonina Popova. Ukraina no. 17:23 S '56.

In Carlsbad. P. Fedorov. Slaviane no. 10:43-45 O '56.

CARMINE

Simplified method for an immunological diagnosis of helminthiases. Report no. 2: Use of the agglutination reaction with carmine for the early diagnosis of ascariasis among children. E. S. Leikina, V. I. Zorikhina. Med. paraz. i paraz. bol. 25 no. 3:245-248 Jl-S '56.

CARNIVORA—DISEASES AND PESTS

Results of using polyvalent embryovaccine and experience in preparing dry vaccine for preventing plague in carnivores. E. S. Cherkasskii. Trudy VNIO no. 16:186-189 '56.

CAROTENE

Increasing carotene content in the tops of gramineous grasses [in Azerbaijani with summary in Russian]. G. R. Khalilov. Dokl. AN Azerb. SSR 12 no. 6:415-419 '56.

Solodkii, F. T., and A. L. Agranat. [Production of chlorophyll-carotin paste from pine needles] Proizvodstvo khvoinoi khlorofillo-karotinovoi pasty. Moskva, Goslesbumizdat, 1956. 29 p.

CAROTENOIDS

Biosynthesis of polyprenic compounds in plants. V. V. Vil'iams. Izv. TSKhA no. 1:201-216 '56.

Carotenoid content and the fertilization process in gynoecia of different age in tomato and potato plants. L. I. Orel, G. B. Samorodova-Bianki. Dokl. AN SSSR 109 no. 2:400-402 Jl '56.

Dynamic effect of the carotinoid content in fertile and sterile anthers of some plant species. G. B. Samorodova-Bianki. Dokl. AN SSSR 109 no. 4:873-875 Ag '56.

Formation of carotenoid pigments by dysenteric bacilli in a leucocyte culture. A. M. Bezbrodov, V. F. Kondrat'eva. Dokl. AN SSSR 109 no. 3:631-633 Jl '56.

Mechanism of the action of carotenoides (vitamine A, retinene and copper). S. D. Balakhovskii, N. N. Drozdova. Dokl. AN SSSR 109 no. 2:355-357 Jl '56.

"Metallic" molecular model used as an analogy in computing $\pi$-electron polarizability of polyenes and benzene. M. N. Adamov, I. S. Milevskaia. Dokl. AN SSSR 109 no. 1:57-60 Jl-Ag '56.

CARP
(see also subdivision under Farkhad Reservoir; Issyk Kul, Lake)

Obtaining early two-year-old carps. M. Rybakov, H. Protsenko. Sots. tvar. 28 no. 10:27-28 O '56.

CARPATHIAN MOUNTAIN REGION—FIELD MICE

Taxonomic characteristics of the wood mice of the Carpathian piedmont. I. F. Andreev, P. V. Gorbik. Uch. zap. Kish. un. 13:109-115 '54.

CARPATHIAN MOUNTAIN REGION—PHYSICAL GEOGRAPH

Typological classification of the Carpathian piedmont relief. K. I. Gerenchuk. Dop. ta pov. L'viv. un. no. 5, pt. 2:63-65 '55.

CARPATHIAN MOUNTAINS—PHYSICAL GEOGRAPHY

Basic results and further tasks in the geomorphologic study of the Soviet Carpathians. P. N. TSys'. Nauk. zap. L'viv. un. 28:37-50 '54.

The concept of "Chernogora" as a physicógeographical region. M. M. Koinov. Dop. ta pov. L'viv. un. no. 5, pt. 2:60-63 '55.

Dividing the territory of the Soviet Carpathians into natural history regions. A. T. Vashchenko. Dop. ta pov. L'viv. un. no. 5, pt. 2:44-46 '55.

Geomorphological division of Soviet Carpathia. P. N. TSys'. Dop. ta pov. L'viv. un. no. 5, pt. 2:40-42 '55.

Geomorphology of the Upper and Lower Stnevodnenskaya depression. P. N. TSys'. Nauk. zap. L'viv. un. 28:122-124 '54.

CARPATHIAN MOUNTAINS—SALAMANDERS

Distribution and ecology of the salamander (Salamandra salamandra L.) in the northeastern Carpathian. K. A. Tatarinov. Nauk. zap. Kiev. un. 9 no. 3:165-166 '50.

CARPATHIAN MOUNTAINS—SNOW

Forms of the deposition of snow in central Carpatho-Ukraine. P. S. Kurilov. Dop. ta pov. L'viv. un. no. 5, pt. 2:56-58 '55.

CARPENTERS

Rapid pace-high wages. Arkhit. i bud. 4 no. 4:9 Jl-Ag '56.

CARRIAGES AND CARTS

We need new designs for the elements of carts and sleighs. N. Zverev. Konevodstvo 26 no. 8:42-43 Ag '56.

CARRIAGES AND CARTS—EXHIBITIONS

Carts and sledges at the All-Union Agricultural Exhibition of 1956. A. Selikhov. Konevodstvo 26 no. 8:34-36 Ag '56.

CARROTS

Biosynthesis of polyprenic compounds in plants. V. V. Vil'iams. Izv. TSKhA no. 1:201-216 '56.

CARS (AUTOMOBILES) see Automobiles

CARS AND CAR BUILDING see Railroads—Cars—Construction

CARTILAGE

Histological observations on the development and structure of certain cartilages in the frog. N. R. Amosova. Arkh. anat., gist. i embr. 33 no. 2:47-52 Ap-Je '56.

CARTOGRAPHY
(see also subdivision under Ukraine)

Develop the movement of efficiency promoters and inventors in geodesy and cartography. Geod. i kart. no. 3:3-7 My '56.

Impending scientific research problems in the fields of geodesy and cartography. Geod. i kart. no. 4:3-9 Je '56.

Preparatory work of a map editor. M. M. Mokler. Geod. i kart. no. 3:47-51 My '56.

Preparing map originals by engraving in "vinylprez" on a layer of lacquer. V. M. Perikov, A. B. Rogov, I. A. Lebedev. Geod. i kart. no. 2:52-61 Ap '56.

Producing grid positives in connection with reproduction of water areas on planimetric maps. L. F. Tarnovskii. Geod. i kart. no. 4:49-53 Je '56.

Publication of geographical maps with a reduced number of colors. R. N. Novozhilova, E. A. Sladkova. Geod. i kart. no. 1:30-34 Mr '56.

Some problems in compiling outline tourist maps. V. K. Adamova. Geod. i kart. no. 3:51-54 My '56.

Survey of methods for producing relief maps. G. N. Petrov. Geod. i kart. no. 3:40-47 My '56.

Tasks in the fields of geodesy and cartography in the sixth five-year plan. Geod. i kart. no. 1:3-9 Mr '56.

Work practices of draftsman V. F. Perunova. P. IA. Korotkov, A. P. Pluzhnik. Geod. i kart. no. 2:66-68 Ap '56.

World atlas and its role in the development of Soviet cartography. V. N. Lysiuk. Geod. i kart. no. 1:24-30 Mr '56.

CARTOGRAPHY—BIBLIOGRAPHY see Bibliography—Cartography

CARTOGRAPHY—PERIODICALS see subdivision under Czechoslovakia

CARTRIDGE CASES

The kind of percussion caps we need. V. Markovich. Okh. i okh. khoz. no. 9:43-44 S '56.

CARTRIDGES

Cartridge cases. Okh. i okh. khoz. no. 9:44 S '56.

New aspects in the standardization and manufacture of cartridges and their parts. S. Cherkai. Okh. i okh. khoz. no. 8:34-36 Ag '56.

CARTS see Carriages and carts

CASARÈS, MARIA

Maria Casarès speaks about herself. T. Kulakovskaia. Ogonek 34 no. 39:25 S '56.

CASEIN

Assimilation of $P^{32}$ from inorganic phosphate in milk casein. A. I. Solnisev, G. V. Filatov. Izv. TSKhA no. 1:227-228 '56.

CASPIAN DEPRESSION—EPIDEMIOLOGY

Pathogens of infectious diseases in wild regions of the Caspian Depression. M. M. Itementseva. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:30-48 '56.

CASPIAN SEA—CRUSTACEA

Acclimatization of "Syndesmia" in the Caspian Sea. A. F. Karpevich, B. G. Poliakova. Ryb. khoz. 32 no. 8:66 Ag '56.

Variations of the biomass of higher Crustacea in the northern Caspian Sea as observed in the course of several years. N. N. Romanova. Dokl. AN SSSR 109 no. 2:393-396 Jl '56.

CASPIAN SEA—FERRIES

Organize ferry transportation on the Caspian Sea. N. Vinitskii. Mor. flot 16 no. 8:4-6 Ag '56.

CASPIAN SEA—OIL FIELDS

Baku. Azerbaidzhanskii gosudarstvennyi universitet. [Methods of studying the hydrometeorological system and the control of the water surface of oil fields in the Caspian Sea; transactions of the scientific conference of the S. M. Kirov Azerbaijani State University, of the Ministry of the Petroleum Industry of the Azerbaijani S. S. R., and the Baku section of the Aral-Caspian Commission of the Academy of Sciences of the U. S. S. R., June 16-23, 1956] Puti izucheniia gidrometeorologicheskogo rezhima i osvoeniia akvatorii neftianykh promyslov Kaspiiskogo moria; trudy nauchnoi konferentsii Azerbaidzhanskogo gosudarstvennogo universiteta im. S. M. Kirova, Ministerstva neftianoi promyshlennosti Azerbaidzhanskoi SSR i Bakinskoi sektsii Aralo-Kaspiiskoi komissii AN SSSR, 16-23 iiunia 1956 g. Baku, Izd-vo Azerbaidzhanskogo univ., 1956. 105 p.

CASPIAN SEA—PILE DRIVING

Field tests of piles, zinc-coated by the thermal diffusion method, in piers in the Caspian Sea. A. P. Buzdakov, V. F. Negreev, A. A. Parkhadov. Azerb. neft. khoz. 35 no. 4:17-18 Ap '56.

CASPIAN SEA—SEA BOTTOM

Bituminological luminescence survey of the sea bottom. M. V. Klenova, V. N. Florovskaia, N. M. Vikrenko. Dokl. AN SSSR 100 no. 4:845-848 Ag '56.

CAST IRON

Letter to the editor. E. M. Blank. Lit. proizv. no. 8: 32 Ag '56.

Pneumatic unit for transportation of burnt core rods. V. Tarantaev. Stroi. mat., izdel. i konstr. 2 no. 7: 23-24 Jl '56.

CAST IRON—HEAT TREATMENT

Effect of stresses on the formation of graphitization centers in annealing white iron. V. F. Zubarev. Lit. proizv. no. 8:21-25 Ag '56.

CAST IRON—METALLOGRAPHY

Effect of silicon concentration and the thickness of workpieces on the cementite formation on cast iron poured into metallic molds. A. M. Arkhipov. [Trudy] MVTU no. 41:136-149 '55.

Mold paint as a cause for sulfur absorption by the cast iron of the mold. L. M. Cherkasov, N. I. Pavlovicseva. Trudy Ural. politekh. inst. no. 60:103-111 '56.

CAST IRON—METALLURGY

Using Chiatura oxidized manganese ores in open-hearth pig iron burden. M. A. Kekelidze and others. Metallurg no. 9:39-40 S '56.

CAST IRON—TESTING

Effect of chemical composition, annealing conditions and thickness of castings on the mechanical properties of cast iron with spheroidal graphite. G. A. Pisarenko, S. G. Guterman. Trudy Ural. politekh. inst. no. 60:89-96 '56.

Investigating the deformability of commercial cast iron. G. N. Mokhed. Metalloved. i obr. met. no. 8:43-47 Ag '56.

CASTING see subdivision 'Steel castings' under Kramatorsk; Novosibirsk

CASTING, CENTRIFUGAL see Centrifugal casting

CASTOR OIL

Extend the fields of utilization of castor oil and its derivatives. N. A. Petrov. Masl.-zhir. prom. 21 no. 5:17-20 '56.

CASTRATION

Comparative rating of surgical and biological methods of castrating pigs. O. N. Preobrazhenskii. Veterinariia 33 no. 10:70-77 O '56.

The effect of castration on some biochemical processes in animals. L. M. Makarevich-Gal'perin, S. N. Ushenko. Probl. endok. i gorm. 2 no. 2:95-102 Mr-Ap '56.

Estrogen reaction induced by conditioned reflex. P. A. Vander, V. F. Lapshina. Probl. endok. i gorm. 2 no. 3: 74-80 My-Je '56.

Examination of the polarographic effect of blood proteins of normal and castrated animals. N. V. Novikova, I. I. Kuz'menko. Probl. endok. i gorm. 2 no. 2:103-109 Mr-Ap '56.

CATALASE
(see also subdivision under Pamirs)

Activity of catalase as an indicator of shade tolerance in plants. S. IA. Mininberg. Nauk. zap. Kiev. un. 8 no. 5: 135-140 '48.

Catalase and peroxidase in intestinal juice. K. P. Petrov. Fiziol. zhur. 42 no. 7:589-591 Jl '56.

A comparative study of catalase activity and of some other biochemical indexes of phage-susceptible and phage-resistant forms of Actinomyces [with English summary in insert]. A. I. Sokolova, IA. I. Rautenshtein. Mikrobiologiia 25 no. 4:466-470 Jl-Ag '56.

Correlation between chlorophyll and catalase. L. K. Polishchuk. Nauk. zap. Kiev. un. 7 no. 6:199-202 '48.

CATALOGS, BOOKSELLERS'

[Books of the Publishing House of the Academy of Sciences of the U. S. S. R.] Knigi Izdatel'stva Akademii nauk SSSR no. 2 '56.

Moskovskaia oblastnaia kontora knizhnoi torgovli "Mosknigotorg." [Exchange of vocational experience among miners, metallurgists, and machine builders; a catalog of books] Obmen proizvodstvennym opytom gornikov, metallurgov, mashinostroitelei; katalog knig. Moskva, Otdel reklamy i propagandy Mosknigotorga, 1954. 20 p. [MICROFILM]

[Musical literature.] Muzykal'naia literatura no. 22 '56.

[New Soviet books.] Sovetskie novye knigi S(1-2), O(1) '56.

[New Soviet books.] Sovetskie novye knigi O(2) '56.

[Order blank.] Blank dlia zalavok V/O "Mezhdunarodnaia kniga" no. 29 '56.

[Order blank.] Blank dlia zalavok V/O "Mezhdunarodnaia kniga" no. 30 '56.

[Order blank.] Blank dlia zalavok V/O "Mezhdunarodnaia kniga" no. 31 '56.

Russia (1923- U. S. S. R.) Ministerstvo ugol'noi promyshlennosti. TSentral'nyi institut tekhnicheskoi informatsii. [Annotated list of works published in 1955] Annotatsionnyi spisok izdanii za 1955 god. Moskva, Ugletekhizdat, 1956. 29 p.

[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki); katalog dlia zalavok nos. 64a, 76, 77, 77a, 78, 79, 79a, 80, 82 '56.

[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki); katalog dlia zalavok no. 75 '56.

[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki); katalog dlia zalavok nos. 81a, 83-84 '56.

[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki); katalog dlia zalavok no. 89 '56.

CATALOGS, STAR see Stars—Catalogs

CATALYSIS

Catalytic desulfurization of benzene under pressure. N. B. Kondukov. Koks i khim. no. 6:42-45 '56.

Role of ionization potential in electronic catalysis on metals. K. P. Lavrovskii, IU. A. Kolbanovskii. Trudy Inst. neft. 8:92-93 '56.

Study of the catalytic activity of certain oxides of metals in synthesis from carbon monoxide and hydrogen. A. N. Bashkirov, S. M. Loktev, G. V. Subirova. Trudy Inst. neft. 8:168-176 '56.

Using isotopes in catalysis. V. S. Chesalova. Khim. prom. no. 3:185-186 Ap-My '56.

CATALYSIS, SILICATE

Adsorption method study of silicate catalyst aging during calcination and steam treatment. E. K. Mankash, S. I. Molchanova, V. V. Shchekin. Trudy Inst. neft. 8:120-130 '56.

CATALYSTS

Change of the microstructure of cracking catalysts during calcination and steam treatment. S. A. Gol'din, V. V. Shchekin. Trudy Inst. neft. 8:114-119 '56.

Characteristic of the "activity" of hydrogenated catalyzers. B. N. Tiutiunnikov. Masl.-zhir. prom. 21 no. 5:25-26 '56.

Decontamination of waste fluids and gases by catalytic removal of hypochlorite and chlorine. S. Z. Makarov, S. S. Shraibman. Khim. prom. no. 4:202-208 Je '56.

Effect of alkali additives on the action and selectivity of iron-copper catalysts. B. P. Vainshtein, E. A. Plokhinskaia, I. B. Rapoport. Khim. i tekh. topl. no. 8:31-35 Ag '56.

Effectiveness of various catalysts in the alkylation of benzene by propylene. IA. M. Paushkin, M. V. Kurashov. Izv. AN SSSR, Otd. khim. nauk no. 8:1006-1015 Ag '56.

Kinetic determination of the binding energies as introduction to the theory of catalyst selection. Part 1. Research methods and experiments with chromic oxide. A. A. Balandin, A. A. Tolstopiatova. Zhur. fiz. khim. 30 no. 6:1367-1375 Je '56.

Steam conversion of hydrocarbon gases in the presence of an aluminum molybdenum catalyst. K. P. Lavrovskii, R. A. Kalinenko, A. L. Rozental'. Trudy Inst. neft. 8:131-133 '56.

CATALYSTS, ALUMINOSILICATE

Change in activity and selectivity of aluminosilicate catalysts. V. V. Shchekin, S. I. Molchanova, A. I. Antonova. Trudy Inst. neft. 8:107-113 '56.

CATALYSTS, IRON

Synthesis of hydrocarbons from carbon monoxide and hydrogen in the presence of "sintered" iron catalysts. A. N. Bashkirov, M. I. Khotimskaia, IU. B. Kriukov. Trudy Inst. neft. 8:162-167 '56.

CATALYSTS, NICKEL

Deactivation of nickel catalysts with pressurized steam. L. Kh. Freidlin and others. Izv. AN SSSR, Otd. khim. nauk no. 8:913-922 Ag '56.

CATAPHORESIS see Electrophoresis

CATERPILLAR TRACTORS

High-efficiency caterpillar tractor. K. I. Zavialov. Torf. prom. 33 no. 6:20-22 '56.

How to improve the work of S-80 tractors. V. Aleksandrov. MTS 16 no. 9:32 S '56.

New method for regulating the preliminary tension of caterpillar tracks. L. Tevelev. MTS 16 no. 8:31-32 Ag '56.

CATERPILLAR TRACTORS—MAINTENANCE

Servicing diesel tractors. A. Sitnikov, G. Ardashev. MTS 16 no. 9:24-26 S '56.

CATHEDRALS see subdivision under Leningrad

CATHEPSIN

Proteolytic activity of tissues and blood in rabbits during the healing of wounds under the effect of leucocytogenic serums. G. P. Ramenskaia. Trudy Inst. morf. zhiv. no. 18:82-90 '56.

CATHODE RAY TUBES

Oxide cathode corrosion at the expense of oxide-film dissociation on electrodes due to electron bombardment. S. M. Levitskii. Nauk. zap. Kiev. un. 14 no. 6:195-197 '55.

CATHOLIC CHURCH

Ramm, B.IA. [The Vatican today] Sovremennyi Vatican. Leningrad, Vses. ob-vo po rasprostraneniiu polit. i nauchn. znanii, Leningradskoe otd-nie, 1956. 51 p.

CATHOLIC CHURCH—HISTORY

Ivan Franko on the reactionary role of catholicism in Slavic history. A. V. Santsevich. Nauk. zap. Inst. ist. AN URSR 8:97-113 '56.

CATION-EXCHANGING COMPOUNDS see Base-exchanging compounds

CATIONS

Radii of eight-electron cations. A. F. Kapustinskii. Zhur. neorg. khim. 1 no. 1:82-95 [Jan.] '56.

Solubility of not readily soluble complex compounds of certain cations formed under the influence of Reinecke salt. I. L. Bagbanly. Dokl. AN Azerb. SSR 12 no. 7: 459-462 '56.

CATS see subdivision under Soviet Central Asia

CATTLE
(see also subdivision under Tajikistan)

Let's fulfill the five-year plan in one to two years. S. Tanchenko. Moloch. i mias. zhiv. no. 3:25-28 My '56.

Studying the higher nervous activity of young cattle. V. I. Georgievskii. Izv. TSKhA no. 1:143-160 '56.

CATTLE—DISEASES AND PESTS

From practice in controlling ringworm. Sots. tvar. 28 no. 9:61-62 S '56.

Hemosporidiosis of cattle and horses in Tajikistan. B. V. Lototskii, M. P. Sirotenko. Trudy AN Tadzh. SSR 5:119-141 '52.

Leptospirosis in cattle on Sakhalin. I. S. Bezdenezhnykh, N. I. Kashanova. Zhur. mikrobiol. epid. i immun. 27 no. 9:60-63 S '56.

CATTLE—FEEDING AND FEEDING STUFFS

Additional source of meat. S. A. Karepin. Zhivotnovodstvo no. 8:69-73 Ag '56.

Age variability of breastbone muscles of cattle at various feeding levels. V. A. Ektov. Izv. TSKhA no. 1:177-184 '56.

CATTLE—WATERING

Movable automatic stock waterer. M. Kompaneets. MTS 16 no. 9:30 S '56.

CATTLE BREEDING
(see also subdivision under Kazakhstan)

Harmfulness of uncontrolled, natural breeding. V. M. Dudukalov. Sots. tvar. 28 no. 10:44-45 O '56.

Immediate problems in pedigree work. Zhivotnovodstvo no. 8:1-4 Ag '56.

Progeny rating of bulls. F. F. Eisner. Zhivotnovodstvo no. 8:33-43 Ag '56.

CATTLE MARKETS see subdivision 'Stock yards' under Khmel'nitskiy

CAUCASUS—BISON

Bisons in the Caucasian Preserve. V. Aleksandrov. Okh. i okh. khoz. no. 8:27 Ag '56.

CAUCASUS—DIKES (GEOLOGY)

Origin of basic dikes in Armenia and adjacent regions of the Lesser Caucasus. S. I. Balasanian. Izv. AN SSSR. Ser. geol. 21 no. 7:79-84 Jl '56.

CAUCASUS—DINOSAURIA

Tracks on Mount Satsplia. O. Karaev. Vokrug sveta no. 8:57 Ag '56.

CAUCASUS—EARTH—SURFACE

Crustal structure in the Lesser Caucasus according to seismic data. N. K. Karapetian. Uch. zap. Eriv. gos. russ. ped. inst. 5:227-235 '56.

CAUCASUS—PHYSICAL GEOGRAPHY

Geomorphological characteristics of the axial belt of the Greater Caucasus in the region from the Dzhomagskiy Pass to the Arkhotskiy. I. P. Kadil'nikov. Uch. zap. Bash. gos. ped. inst. no. 6:11-37 '55.

Some characteristics of the relief in the southeastern Caucasus. E. I. Kadil'nikova. Uch. zap. Bash. gos. ped. inst. no. 6:56-66 '55.

CAUCASUS—SHEEP

On summer pastures. Ilia Meskhi. Ogonek 34 no. 36: 28 S '56.

CAUCASUS—SQUIRRELS

Present distribution of Altai squirrels (Sciurus vulgaris altaicus) in the Caucasus. N. N. Rukovskii. Trudy VNIO no. 16:176-180 '56.

CAUCASUS—STONE FLIES

Study of stone flies (Plecoptera) of the Caucasus: Part 1: New species of Taeniopterygidae and Chloroperlidae in the Trialet Range [with summary in French]. L. A. Zhil'tsova. Ent. oboz. 35 no. 3:659-670 '56.

CAUCASUS, NORTHERN—AERIAL PHOTOGRAMMETRY
Compiling map originals based on stereoscopic photography of the topography (methods used in the Northern Caucasus Aerial Geodetic Institute of the Main Administration of Geodesy and Cartography). L. A. Kashin. Geod. i kart. no. 2:45-46 Ap '56.

CAUCASUS, NORTHERN—AMMONOIDEA
Drushchits, V.V. [Lower Cretaceous ammonites of the Crimea and the Northern Caucasus; Lytoceratidae, Tetragonitidae and Phylloceratidae] Nizhnemelovye ammonity Kryma i Severnogo Kavkaza; litotseratidy, tetragonitidy i fillotseratidy. [Moskva] Izd-vo Moskovskogo univ., 1956. 149 p.

CAUCASUS, NORTHERN—FORAMINIFERA, FOSSIL
Index Foraminifera in the stratigraphy of lower horizons of the Paleogene in central Ciscaucasia. E. K. Shulskaia. Trudy Inst. geol. nauk no. 164:3-119 '56.

CAUCASUS, NORTHERN—HUNTING
It happened on a hunting trip. L. Kozlov. Okh. i okh. khoz. no. 8:59 Ag '56.

CAUCASUS, NORTHERN—PEACH
High-quality peach seedlings for the foothills of the Northern Caucasus. T. A. Lozovskii. Sad. vin. Mold. 11 no. 4: 26-28 Jl-Ag '56.

CAUCASUS, NORTHERN—ROCKS, IGNEOUS
New data on the age of magmatic rocks of the Northern Caucasus. G. D. Afanas'ev. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:9-21 '55.

CAUSTOBIOLITES
Genetic classification of caustobiolites. V. P. Kozlov, L. V. Tokarev. Neft. khoz. 33 [i. e. 34] no. 9:44-47 S '56.

CAVES
(see also subdivision under Kulyab Province)
The first temperature observations in caves. A. V. Siupishin. Izv. Vses. geog. ob-va 88 no. 4:387-388 Jl-Ag '56.

CEILINGS
Constructing precast ceilings for multistory industrial buildings. V. I. Safonov. Bet. i zhel.-bet. no. 8:293-295 Ag '56.

CELESTIAL MECHANICS see Mechanics, Celestial

CELLS
Cytological diagnosis of malignant neoplasm in respiratory organs. T. V. Khitrovo-Goreva. Lab. delo 2 no. 1:9-12 Ja-F '56.
Cytophotometry; quantitative cytochemical methods. V. IA. Brodskii. Usp. sovr. biol. 42 no. 1:87-107 Jl-Ag '56.
Discussion on Prof. V. G. Eliseev's article "Modern considerations on the cellular theory." IU. I. Afanas'ev. Arkh. anat., gist. i embr. 33 no. 2:78-83 Ap-Je '56.

CELLULAR TISSUE see Connective tissue

CELLULOSE—SPECTRA
Infrared spectra of transparent cellulose films obtained by compressing fibers at high pressures. R. H. Zhbankou, L. N. Ermolenka. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:15-24 '56.

CELLULOSE LIQUOR see Sulfite liquor

CELLULOSE XANTHATES
Change of the chemical heterogeneity of cellulose xanthate during the ripening of viscose. A. T. Serkov, A. B. Pakshver, E. M. Mogilevskii. Zhur. ob. khim. 26 no. 7:1970-1981 Jl '56.

CEMENT
(see also subdivision under Tiflis)
Effect of burning and cooling conditions of the clinker on its structure. O. M. Astreeva. TSement 22 no. 4: 21-23 Jl-Ag '56.
Investigating the interaction of the cement and filters. Bet. i zhel.-bet. no. 8:303 Ag '56.
Possibility of producing clinkers with a lime content ratio higher than one. V. N. IUng, V. V. Imashov. TSement 22 no. 4:4-6 Jl-Ag '56.
Using quick-setting cements for determining the twenty-four hour strength of concrete. B. G. Skramtaev, G. I. Gorchakov, A. M. Tarasenko. Stroi. prom. 34 no. 8: 31-32 Ag '56.

CEMENT—TESTING
Correct standard testing of cement helps to use it economically in construction. T. G. Kurinnyi. Stroi. prom. 34 no. 8:33-36 Ag '56.
Effect of water saturation on the tensile strength of solidified cement mortar and concrete. M. IU. Leshchinskii. Dokl. AN SSSR 109 no. 3:521-523 Jl '56.

CEMENT—TRANSPORTATION see subdivision under Belgorod

CEMENT INDUSTRIES
(see also subdivision under Czechoslovakia; Germany, West; Volsk)
Bring all resources of the cement industry into use. Stroi. mat., izdel. i konstr. 2 no. 7:1-6 Jl '56.
Completing the first year plan of the sixth five-year period. TSement 22 no. 4:1-3 Jl-Ag '56.
Conference of heads of laboratories and technical departments in cement plants. TSement 22 no. 4:32 Jl-Ag '56.
Dust removal diagrams for cement mills by means of electric filters. A. S. Savel'ev. TSement 22 no. 4: 9-13 Jl-Ag '56.
Hermetic sealing of aspirae s. P. V. Sidiakov, M. N. Adorova. TSement 22 no. 4:14-16 Jl-Ag '56.
Problems of technical progress in the cement industry. L. Astanskii. Stroi. mat., izdel. i konstr. 2 no. 8:7-10 Ag '56.

CEMENT INDUSTRIES—ABSTRACTS
Bibliography. TSement 22 no. 4:3 of cover Jl-Ag '56.

CEMENT INDUSTRIES—BIBLIOGRAPHY see Bibliography—Cement industries

CEMENT KILNS
Technical and economic indexes for operation of rotary cement kilns. A. Evdokimenko. Stroi. mat., izdel. i konstr. 2 no. 7:20-22 Jl '56.

CEMENTATION (METALLURGY)
Increasing the heat resistance of mold boxes and carburizing boxes. A. V. Sobolev, A. I. Sitnichenko. Stroi. i dor. mashinostr. no. 7:29-30 Jl '56.
Metallic zinc cementation of nickel from zinc containing solutions in the presence of various additives. M. A. Vinogradova, V. I. Spiridonova. TSvet. met. 29 no. 8: 40-44 Ag '56.
Strengthening mounts of drill bits by case hardening with boron. V. D. Taran, L. P. Skugorova. Trudy MNI no. 16:125-134 '56.

CENSUS
Census programs in capitalist countries. T. Riabushkin. Vest. stat. no. 4:72-83 Jl-Ag '56.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRIFUGAL CASTING
D. M. Krymskii's article "Centrifugal casting of cylinder sleeves." D. S. Doino. Lit. proizv. no. 8:31-32 Ag '56.

CENTRIFUGAL PUMPS
Centrifugal pump for amalgams. L. I. Gel'man. Energomashinostroenie no. 9:23-25 S '56.
Drainage of deep mines and the design of high pressure and efficient centrifugal pumps. A. I. Veselov. Gor. zhur. no. 9:42-46 S '56.
Submerged-type electric centrifugal pumps. G. D. Rogachev. Vod. i san. tekh. no. 7:17-19 Jl '56.

CERAMIC INDUSTRIES
(see also subdivision under Czechoslovakia; Kishinev)
Ceramic building materials industry during the sixth five-year plan. B. M. Gartsman, N. A. Rutkovskii. Stek. i ker. 13 no. 8:23-27 Ag '56.

CERAMIC MATERIALS
Correlation between the structure of ceramic specimens and the methods of processing it. A. M. Akh"ian. Stek. i ker. 13 no. 8:11-15 Ag '56.
Screw roller device for removing rocks. S. R. Golubovich, L. E. Fink. Stroi. i dor. mashinostr. no. 7:16-17 Jl '56.

CERAMIC MATERIALS—DRYING
Reasons for cracks in ceramic specimens in the process of drying. L. A. Leplikina. Stek. i ker. 13 no. 8:15-22 Ag '56.

CERAMICS
(see also subdivision under United States)
Molding building ceramics from slightly moist materials. P. Rost. Stroi. mat., izdel. i konstr. 2 no. 8:13-14 Ag '56.
Porosity of vacuum-treated ceramic elements. A. Toporkova. Stroi. mat., izdel. i konstr. 2 no. 8:29 Ag '56.

CEREBRAL CORTEX
Data on the characteristics of the paleocortex. N. I. Lagutina, N. A. Rozhanskii, T. G. Urmancheeva. Fiziol. zhur. 42 no. 7:533-540 Jl '56.
Development of Pavlovian concepts in corticovisceral physiology and pathology; on the 70th birthday of the honored scientist and Stalin prize winner, Academician Konstantin Mikhailovich Bykov. I. T. Kurtsin. Klin. med. 34 no. 5:3-11 My '56.
Effect of promedol on excitation and inhibition processes of the cerebral cortex. Hsüeh Ping. Farm. i toks. 19 no. 4:3-11 Jl-Ag '56.
Effect of the cerebral cortex on the regulation of the functions of the thyroid gland. M. S. Kakhana. Uch. zap. Kish. un. 19:57-68 '54.
Effect of the higher segments of the central nervous system on the secretion of bile in dogs of various ages. I. A. Medianik. Dop. ta pov. L'viv. un. no. 6, pt. 2:31-33 '55.
Fibroarchitectonics of the archicortex in adults. K. V. Savich. Arkh. anat., gist. i embr. 33 no. 2:30-34 Ap-Je '56.
Morphological changes in the organs and tissues during premature senility caused by functional disorders of the central nervous system. IE. D. Henis. Fiziol. zhur. [Ukr.] 2 no. 3:97-100 My-Je '56.

CERESIN
Investigation of ceresins separated from petrolatum. I. M. Abezgayz, N. V. Mallian. Khim. i tekh. topl. no. 9:57-62 S '56.

CERIUM
Influence of iron on the colorimetric determination of cerium (with English summary in insert). R. K. Korabelnik. Zhur. anal. khim. 11 no. 4:419-422 Jl-Ag '56.

CERIUM CHLORIDES
Reduction of cerium trichloride by hydrogen. S. A. Shchukarev, G. I. Novikov. Zhur. neorg. khim. 1 no. 3:362-365 Mr '56.

CERVI, ALCIDE, 1875-
My seven sons (to be concluded) [translated from the Italian]. Alcide Cervi. Inostr. lit. no. 8:209-225 Ag '56.
My seven sons (conclusion) [translated from the Italian]. Alcide Cervi. Inostr. lit. no. 9:223-241 S '56.

CESIUM COMPOUNDS
Solubility of $Cs(PbCl_3COO)_2[Fe(CN)_6]$ in water-alcohol mixtures. I. V. Tananaev, G. B. Seifer. Zhur. neorg. khim. 1 no. 5:981-983 My '56.

CESIUM LITHIUM FERROCYANIDE
Mixed ferrocyanide of lithium and cesium. I. V. Tananaev, G. B. Seifer. Zhur. neorg. khim. 1 no. 1:64-65 [Jan.] '56.

CEYLON—AGRICULTURE
Situation of the Indian workers on the plantations of Ceylon. E. D. Talmud. Krat. soob. Inst. vost. no. 20: 51-62 '56.

CEYLON—EAST INDIANS
Situation of the Indian workers on the plantations of Ceylon. E. D. Talmud. Krat. soob. Inst. vost. no. 20: 51-62 '56.

CEYLON—FOREIGN RELATIONS
Interview with Ceylon leaders on current issues. Nov. vrem. 14 no. 37:13-14 S '56.

CHABUKIANI, VAKHTANG
A book about a Soviet dancer ("Vakhtang Chabukiani." V. Krasovskaia. Reviewed by M. IAnkovskii). Zvezda no. 10:178-181 O '56.

CHAIKOVSKII, PETR IL'ICH, 1840-1893
History of Russian-Czech musical ties. Slaviane no. 10:50 O '56.

CHAINS
Improving the design and the technology of stamped driving chain production. Kh. B. Bernshtein. Vest. mash. 36 no. 8:56-58 '56.
Universal automatic machine for manufacturing chains. N. Pashko. Prom. koop. no. 9:19 S '56.

CHAINS (MATHEMATICS)
Borodachev, N. A. [Principles for computing allowances and errors in dimensional and kinematic chains] Obosnovaniia metodoki raschota dopuskov i oshibok razmernykh i kinematicheskikh tsepei. Moskva, Izd-vo Akademii nauk SSSR.
Pt. 2. [Vector errors, linkage errors, effect of adjustment] Vektornye oshibki, svinzannye oshibki, vliianie regulirovok. 1946. 225 p.

CHALCID FLIES
(see also subdivision under Maritime Territory)
Development of Telenomus gracilis Mayr (Hymenoptera, Scelionidae) and Ooencyrtus pinicola (Mats.) (Hymenoptera, Encyrtidae), ovivorous parasites of the larch spinner. V. O. Boldaruev. Ent. oboz. 35 no. 1:101-108 '56.
The importance of phytophagous habits in the evolution of seminiferous chalcid flies (Hymenopter, Chalcidoidea) of the U. S. S. R. [with summary in English]. M. N. Nikol'skaia. Ent. oboz. 35 no. 3:570-591 '56.
Study of Trichogramma evanescens Westw. and T. pallida Meyer (Hymenoptera, Trichogrammatidae) and their use for controlling harmful insects in the U. S. S. R. [with summary in English]. N. A. Telenga. Ent. oboz. 35 no. 3:598-610 '56.

CHAMPAGNE (WINE)
Fermentation of the distilling material for champagne in reinforced concrete tanks. G. I. Kalugina, V. F. Litvinov. Sad vin. Mold. 11 no. 4:53-55 Jl-Ag '56.

CHAMPOLLION, JEAN FRANCOIS, 1790-1832
Two unpublished letters of J. F. Champollion from the Leningrad collections. I. G. Livshits. Palest. sbor. no. 2:115-120 '56.

CHANCROID see subdivision under Abkhazia

CHARACTER

Peculiarities in the appreciation of a person's moral qualities by schoolchildren of different ages. T. V. Rubtsova. Vop. psikhol. 2 no. 4:83-94 Jl-Ag '56.

CHARACTER EDUCATION see Moral education

CHARACTERS AND CHARACTERISTICS IN LITERATURE

Literary details and characters. A. Abramovich. Nov. Sib. 32:324-342 '55.

CHARYN VALLEY—ASH (TREE)

Ash forests on the Charyn bottom lands. E. L. Berezin. Trudy Inst. bot. AN Kazakh. SSR 3:102-124 '50.

CHEBOKSARY—THEATER

Cheboksary. Teatr 17 no. 8:122-123 Ag '56.

Cheboksary. Teatr 17 no. 9:163 S '56.

CHEESE

(see also subdivision under Stanislav Province)

At cheese-making plants of the Kostroma Trust. F. Kopytov. Moloch. prom. 17 no. 6:23-24 '56.

A useful pamphlet ("Improving the quality of cheese. F. A. Kopytov. Reviewed by A. Dmitrov). Moloch. prom. 17 no. 6:45 '56.

CHEESE—BACTERIOLOGY

Proteolytic properties of Penicillium species. A. G. Romankova, N. L. Mattison, A. P. Sokol'skaia. Vest. Len. un. 11 no. 15:136-138 '56.

CHEESE FACTORIES—EQUIPMENT AND SUPPLIES

Paraffinization of cheese trays. P. Vedlashkin, IU. Kotov. Moloch. prom. 17 no. 6:40 '56.

CHELATES

Role of pH in the formation and extraction of chelate compounds. I. M. Korenman, F. R. Sheianova. Zhur. ob. khim. 26 no. 7:1849-1857 Jl '56.

Study of the extraction of certain chelate compounds by means of radioactive indicators. I. M. Korenman, F. R. Sheianova. Zhur. neorg. khim. 1 no. 4:852-862 Ap '56.

CHELKAR, LAKE—BIRDS, PROTECTION OF

Lake Chelkar as a game preserve. V. Pashkov. Okh. i okh. khoz. no. 8:59 Ag '56.

CHELYABINSK—CLOCKS AND WATCHES

Chelyabinsk clocks. G. Gorin. Ogonek 34 38:20 S '56.

CHELYABINSK—LIVER FLUKE

Absence of opisthorchosis in Chelyabinsk and surrounding territory. M. A. Utkina. Med. paraz. i paraz. bol. 25 no. 3:273 Jl-S '56.

CHELYABINSK—RAILROADS—SNOW PROTECTION AND REMOVAL

Mechanical snow removal in the Chelyabinsk junction. V. V. Khoroshuk. Zhel. dor. transp. 38 no. 9:69-72 S '56.

CHELYABINSK BASIN—COAL MINES AND MINING

Intermittent work week at the mines of the Chelyabinsk coal Combine. L. Braslavskii, D. Mendel'son. Mast. ugl. 5 no. 9:8-9 S '56.

CHELYABINSK PROVINCE—GRASSES

Perennial grasses in Chelyabinsk Province. V. I. Kozhin. Zemledelie 4 no. 9:110-113 S '56.

CHELYABINSK PROVINCE—MACHINE-TRACTOR STATIONS

For higher yields and lower expenditures. G. Stenin. MTS 16 no. 9:7-9 S '56.

CHELYABINSK PROVINCE—TILLAGE

Study of the effectiveness of T. S. Mal'tsev's tillage system in the southern trans-Ural region. N. I. Fol'mer. Agrobiologiia no. 4:99-107 Jl-Ag '56.

CHEMICAL APPARATUS

(see also subdivision under Great Britain)

Corrosion of chemical apparatus and corrosion-resistant materials." I. IA. Klinov. Reviewed by G. Sagalaev, B. Kruchinin. Khim. prom. no. 3:190 Ap-My '56.

Corrosion of chemical apparatus by an aqueous solution of monoethanolamine. M. L. Rutkovskii. Khim. prom. no. 3:153-156 Ap-My '56.

Kinetics of the solution of solid particles in an apparatus with a mixer. G. A. Aksel'rud. Nauch. zap. LPI no. 29: 69-80 '55.

CHEMICAL BONDS

Present state of the theory of complex compounds. Part 2. Certain problems in the energetics and theory of chemical bonds. B. F. Ormont. Zhur. neorg. khim. 1 no. 4:878-880 Ap '56.

Quantitative estimate of the state of chemical bond in minerals. A. S. Povarennykh. Dokl. AN SSSR 109 no. 5:993-996 Ag '56.

CHEMICAL ENGINEERING

All-Union Scientific-Methodic Conference on mass transfer. Khim. prom. no. 3:187-188 Ap-My '56.

Problems of chemical kinetics in industry. D. I. Orochko. Khim. i tekh. topl. no. 8:1-8 Ag '56.

CHEMICAL ENGINEERING—APPARATUS AND SUPPLIES

Hydraulic resistance of latticed and perforated plates. V. V. Dil'man and others. Khim. prom. no. 3:156-161 Ap-My '56.

New bubbling apparatus for adsorption and heat exchange processes. I. N. Kuz'minykh. Khim. prom. no. 4:234-237 Je '56.

CHEMICAL ENGINEERING LABORATORIES

Some problems in the organization of work in central plant laboratories. B. I. Kissin. Khim. prom. no. 4: 239-240 Je '56.

CHEMICAL EQUILIBRIUM

Solubility isotherm analysis of the $NiSO_4$-$CoSo_4$-$H_2O$ (20°) system for comparing the characteristics of equilibrium study techniques. Nauk. zap. L'viv. un. 34:56-63 '55.

CHEMICAL GEOLOGY see Geochemistry

CHEMICAL INDUSTRIES

Conference on automatization of production processes in the chemical industry. Priborostroenie no. 9:26-27 S '56.

CHEMICAL INDUSTRIES—BY-PRODUCTS

Increasing the nutritive value of straw and concentrated feeds by chemical and biological treatment and its effect on the productivity of farm animals. G. P. Zakharian. Dokl. AN Arm. SSR 11 no. 2:73-80 '40.

CHEMICAL INDUSTRIES—SAFETY MEASURES

"Safety in chemical laboratory work." M. P. Selivanov. Reviewed by S. L. Tribukh, N. V. Vershinin. Gig. i san. 21 no. 9:60-62 S '56.

CHEMICAL PLANTS see subdivision under Europe, Eastern

CHEMICAL REACTION—MECHANISM

About M. M. Pavliuchenko's answer to the criticism of his theory on the mechanism of reactions in solid substances. B. V. Erofeev. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:141-145 '50.

Course of chemical reactions in a "boiling" layer. K. P. Lavrovskii, A. L. Rozental'. Trudy Inst. neft. 9:84-99 '56.

Mechanism of heterogeneous reactions. M. M. Pavliuchenko. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:147-152 '56.

CHEMICAL REACTION, RATE OF

Floating balance for the study of the kinetics of reactions including solids. V. V. Boldyrev, G. V. Sakovich. Zhur. fiz. khim. 30 no. 6:1416-1418 Je '56.

Kinetics of successive reactions of various order. IU. S. Salasov. Zhur. fiz. khim. 30 no. 6:1404-1400 Je '56.

Reply to S. V. Markevich. M. M. Pavliuchenko. Zhur. fiz. khim. 30 no. 6:1400-1401 Je '56.

Reply to the remarks of IU. S. Salasov. A. D. Stepukhovich, I. F. Bakhareva. Zhur. fiz. khim. 30 no. 6:1407-1409 Je '56.

CHEMICAL REACTIONS

Conference on the kinetics and chemism of oxidation of hydrocarbons in liquid phase. A. A. Gurcev. Khim. i tekh. topl. no. 8:69-72 Ag '56.

Problems of chemical kinetics in industry. D. I. Orochko. Khim. i tekh. topl. no. 8:1-8 Ag '56.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL STRUCTURE

Chemistry of phosphorus oxygenous compounds in view of the structural theory. IU. V. Kholiakov. Zhur. neorg. khim. 1 no. 3:366-384 Mr '56.

CHEMICALS

Popov, P. V., and N. I. Trushkina. [Guide to chemical poisons and mineral fertilizers] Opredelitel' iadokhimikatov i mineral'nykh udobrenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1955. 119 p. (DA)

CHEMISTRY

(see also subdivision under Madrid Province; Tajikistan)

Cherdyntsev, V. V. [Distribution of chemical elements] Rasprostranennost' khimicheskikh elementov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 360 p.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

General meeting of the Department of Chemical Sciences of the Academy of Sciences of the U. S. S. R. Izv. AN SSSR. Otd. khim. nauk no. 7:878-881 Jl '56.

CHEMISTRY—HANDBOOKS, MANUALS, ETC.

"General chemistry; outline manual." A. G. Kul'man. Reviewed by P. A. Rebinder. Vest. vys. shkoly 14 no. 9:56-57 S '56.

CHEMISTRY—NOMENCLATURE

From the Commission on the Nomenclature of Chemical Compounds at the Department of Chemistry of the Academy of Sciences of the U. S. S. R. Zhur. ob. khim. 26 no. 7:2086-2088 Jl '56.

From the Committee on the Nomenclature of Chemical Compounds at the Academy of Sciences of the U. S. S. R. Izv. AN SSSR. Otd. khim. nauk no. 7:882-883 Jl '56.

From the Committee on the Nomenclature of Chemical Compounds at the Department of Chemistry of the Academy of Sciences of the U. S. S. R. Zhur. anal. khim. 11 no. 4:519-520 Jl-Ag '56.

From the Committee on the Nomenclature of Chemical Compounds of the Division of Chemical Sciences of the Academy of Sciences of the U. S. S. R. Khim. prom. no. 3:188-189 Ap-My '56.

CHEMISTRY—RESEARCH

In the Department of Chemistry. S. I. Obtemperanskaia. Vest. Mosk. un. 11 no. 5:149-152 My '56.

CHEMISTRY—STUDY AND TEACHING

The relationship between the teaching of physics and chemistry in school. L. A. TSvetkov. Izv. Akad. ped. nauk RSFSR no. 50:69-102 '54.

The semimicro method in the teaching of general chemistry. G. P. Khomchenko. Vest. vys. shkoly 14 no. 9:42 S '56.

CHEMISTRY, AGRICULTURAL see Agricultural chemistry

CHEMISTRY, ANALYTICAL

Extraction method using complex formation for the separation and determination of elements. I. P. Alimarin, I. M. Gibalo. Vest. Mosk. un. 11 no. 5:55-59 My '56.

Role of the physicochemical analysis in the chemistry of metals. I. I. Kornilov. Zhur. neorg. khim. 1 no. 8:1360-1362 Je '56.

Use of tracers in physicochemical analysis. A. V. Nikolaev. Zhur. neorg. khim. 1 no. 6:1328-1333 Je '56.

CHEMISTRY, ANALYTICAL—CONGRESSES

Introductory speech at the opening of the meeting of the Metals Section at the third All-Union Conference on Physicochemical Analysis. N. V. Ageev. Zhur. neorg. khim. 1 no. 6:1358-1360 Je '56.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Analysis of butyl aerofloats and their mixtures with xanthogenate. E. M. Idel'son. TSvet. met. 29 no. 9:11-18 S '56.

CHEMISTRY, BIOLOGICAL see Biochemistry

CHEMISTRY, INORGANIC

(see also subdivision under Ukraine)

Development of A. M. Butlerov's theory of chemical structure in inorganic chemistry. O. E. Zvyagintsev. Vop. ist. est. i tekh. no. 1:70-81 '56.

Development of certain tendencies in inorganic chemistry in the U. S. S. R. I. I. Chernaev. Zhur. neorg. khim. 1 no. 1:5-7 [Jan.] '56.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

"Problems in medical chemistry," vol. 1, nos. 1-6, 1955. Reviewed by S. IA. Kaplanskii. Biokhimiia 21 no. 4:503-504 Jl-Ag '56.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL—PERIODICALS

The journal "Problems of medical chemistry", vol. 1 1955. G. V. Derviz. Lab. delo 2 no. 4:31-32 Jl-Ag '56.

CHEMISTRY, METALLURGIC

Conference on methods of analyzing hydrogen, nitrogen, oxygen and carbon in titanium and its alloys. IU. Ol'shii. TSvet. met. 29 no. 9:84 S '56.

Metallurgical characteristics of automatic submerged arc welding. I. D. Davydenko. Proizv. opyt v obl. svar. no. 1:26-48 '56.

CHEMISTRY, MINEROLOGICAL see Mineralogical chemistry

CHEMISTRY, ORGANIC—SYNTHESIS

Synthesis of proteins. I. N. Maiskii. Nauka i zhizn' no. 9: 63 S '56.

CHEMISTRY, PHOTOGRAPHIC see Photographic chemistry

CHEMISTRY, PHYSICAL AND THEORETICAL

Concept of daltonides and berthollides in view of the atomic theory of crystal structure. G. B. Bokii. Zhur. neorg. khim. 1 no. 6:1150-1161 Je '56.

Correlation of the dependences of the specific property from weight units and of the molar property from molar units in a binary system. V. IA. Anosov. Zhur. neorg. khim. 1 no. 4:720-725 Ap '56.

Electrodeless measuring of conductance and possibilities of its use in physicochemical analysis. A. R. Regel'. Zhur. neorg. khim. 1 no. 6:1271-1278 Je '56.

Form of the extensive-property isotherm in relation to the quantity unit of the substance (quasiintensive property). N. L. IArym-Agaev. Zhur. neorg. khim. 1 no. 6:1173-1184 Je '56.

CHEMISTRY, PHYSICAL AND THEORETICAL (Continued)

Thermodynamic and superconductivity, in connection with the theory of phase transitions of the second order. M. P. Shashkin. Zhur. fiz. khim., 30 no. 8:1811-1815 Ag '56.

Two methods for the comparative computation of properties of substances. M. Kh. Karapet'iants. Zhur. fiz. khim., 30 no. 8:1820-1824 Ag '56.

CHEMISTRY, PHYSIOLOGICAL. see Physiological chemistry

CHEMISTRY, TECHNICAL

Oil factories. I. D. Morshavich. Pishch. prom. no. 10:36-38 O '56.

Role of Moscow University in the development of chemical technology. S. I. Vol'fkovich. Vest. Mosk. un., 11 no. 5:117-144 My '56.

CHEMISTRY, TECHNICAL--EQUIPMENT AND SUPPLIES

Martynenko, K. D. [Technical equipment of hydrolysis and spirits and alcohol plants] Tekhnologicheskoe oborudovanie gidroliznykh i spirtovykh zavodov. Moskva, Gosplanizdat, 1956, 231 p.

CHEN YUN, LIAO, 1905

People in the news. New times. 14 no. 41:30-31 O '56.

CHEMOSYNTHESIS

Chemical composition of the essential oil of the species *Mentha longifolia* of Uzbekistan. K. A. Nikolaev. Uzb. biol. zhur. no. 3:72-73 '56.

CHEREMISSIAN POETRY--HISTORY AND CRITICISM

"Mari poets"; a collection of verse. Reviewed by V. Ivel'. Lit. gaz. 69:6 N '56.

CHEREMKHOVO--THEATER

"The Ballad." Teatr. 17 no. 10:57 O '56.

CHEREMOSH VALLEY--DESCRIPTION AND TRAVEL

What's interesting along the Cheremosh. Mosk. turist. no. 7:31-33 Ag '56.

CHEREPANOV, K.A.

"Life and work of the Cherepanovs, a Russian family of inventors." V. P. Vitoshnikov. Reviewed by A. IA. Cherepnin. Vop. ist. est. i tekh. 3:169-170 '56.

CHEREPANOV, M.E.

"Life and work of the Cherepanovs, a Russian family of inventors." V. P. Vitoshnikov. Reviewed by A. IA. Cherepnin. Vop. ist. est. i tekh. 3:169-170 '56.

CHEREPETSKI--BRONZES

Bronze pendant from the village Cheregino. V. N. Batan. Kratk. soob. IIMK no. 65:133-137 '56.

CHEREPOVETS--METALLURGICAL PLANTS

The Cherepovets metallurgical plant. Metallurg no. 8:1 Ag '56.

CHEREPOVETS PROVINCE--HEMP

Achievements of Cherepovets hemp growers. [A. IA. Nikonov. Len. i konop. no. 4:22-23 Ap '56.

CHERKASSY AUTONOMOUS PROVINCE--MACHINE TRACTOR STATIONS

For an exemplary utilization of machines and tractors. M. Ryabovol. MTS no. 8:10-12 A '56.

CHERNIGOV PROVINCE--REVOLUTION OF 1905

Peasant movements in the Chernigov Government in [illegible]. Nauk. zap. Kiev. un. 14 no. 8:43-[illegible]

'E--UKRAINIAN LANGUAGE

[illegible] transliteration to [illegible]

CHERNYAKHOVSK, ARKADI

[illegible]

CHERNYSHEVSK, NIKOLAI GAVRILOVICH

[illegible]

CHERRY

[illegible]

CHERRY FRUIT FLY

[illegible]

CHERTOPOLOKHOVA, KONSTANTSIYA VASILIEVNA

K. V. Chertopolokhova. [Obituary] Izv. Akad. nauk Kirg. SSR no. 1 '56.

CHESS

[illegible]

CHESS, BLINDFOLD

[illegible]

CHESS, CORRESPONDENCE

[illegible]

CHESS--ENDGAMES

[illegible]

CHESS--OPENINGS

[illegible]

CHESS--TOURNAMENTS

[illegible]

CHEST--WOUNDS AND INJURIES

[illegible]

CHESTNUT see subdivision under Fodder

CHIATURA--MANGANESE MINES

[illegible]

CHICKEN farms see Poultry houses and equipment

Poultry

[illegible]

[illegible]

[illegible]

CHILDREN'S LITERATURE
Favorite books. Sov. Soiuz no. 10:26-27 O '56.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S LITERATURE—HISTORY AND CRITICISM
Heroes of a great struggle. A. Koloskov. Part. zhizn' no. 16:70-78 Ag '56.
Ivan Franko on children's literature. Halyna Paperna. Zhovten' 6 no. 9:86-93 S '56.
New talents in Soviet literature for children. Vl. Nikolaev. Mol. komm. 14 no. 9:121-125 S '56.
V. G. Belinskii in the struggle to extend the reading horizon of children and youth. S. P. Shillegodskii. Uch. zap. Ped. inst. Gertz. 120:169-197 '55.

CHILDREN'S PERIODICALS
"Koster." Pioner no. 9:70 S '56.

CHILE—ORPHANS AND ORPHANAGES
Children of Mapocho. Ronaldo Ramirez, Fernan Mesa. Smena 33 no. 11:20-21 Je '56.

CHILE—TRADE UNIONS
The united trade-union center of Chilean workers sends greetings to the World Federation of Trade Unions. Vsem. prof. dvizh. no. 8:20 Ag '56.

CHIMES AND CHIMING see subdivision under Leningrad

CHIMKENT—LEAD INDUSTRY
Second all-technical conference at the Chimkent Lead Plant. A. G. Bolikov, P. A. Chizhov. TSvet. met. 29 no. 7:86-87 Jl '56.

CHIMNEYS
Calculating reinforced brick smokestacks for both horizontal and vertical loading. K. S. Zavriev. Trudy inst. stroi. dela AN Gruz. SSR 3:1-10 '51.

CHIMPANZEES
Anthropoid apes in experimental medicine. L. A. Firsov. Priroda 45 no. 9:23-29 S '56.
Experimental study of right-handedness in the chimpanzee. F. P. Matorov, L. A. Firsov. Dokl. AN SSSR 109 no. 5:1065-1068 Ag '56.

CHINA—AGRICULTURAL MACHINERY INDUSTRY
Construction of the first tractor plant. Nar. Kit. no. 15:17 Ag '56.

CHINA—AGRICULTURE
Chung Kuo Kung Ch'an Tang. Chung yang wei yuan hui. [Socialist development in the Chinese village; a collection of articles prepared by the office of the Central Committee of the Chinese Communist Party] Sotsialisticheskii pod"em v kitaiskoi derevne; sbornik izbrannykh statei podgotovlen kantseliariei TsK KPK. Moskva, Izd-vo inostrannoi lit-ry, 1956. 502 p.

CHINA—AGRICULTURE—ECONOMIC ASPECTS
Food resources and growth of population. Sun Ching-chih. Priroda 45 no. 9:3-12 S '56.

CHINA—AGRICULTURE, COOPERATIVE
Cooperative agriculture in the Chinese People's Republic. E. Konnvalov. Vop. ekon. no. 9:136-144 S '56.

CHINA—ALKALI LANDS
Reclamation of saline soils in China. V. M. Klychnikov. Nauka i pered. op. v sel'khoz. no. 7:89-90 Jl '56.

CHINA—ARCHITECTURE
Classic structures of China. Ch'ien Wei-chang. Vop. ist. est. i tekh. no. 1:124-130 '56.

CHINA—BIOLOGY
First achievements of Michurin's teaching in China. Tsu Tei-ming, Liang Cheng-nan. Izv. AN SSSR. Ser. biol. no. 4:129-135 Jl-Ag '56.

CHINA—BLIND
Life of the blind in China. Huang Nai. Sots. obesp. 17 no. 8:59-60 Ag '56.

CHINA—BOOK INDUSTRIES AND TRADE
Publication and distribution of V. I. Lenin's works in China. Sov. knizh. torg. no. 9:22 S '56.

CHINA—BRICKMAKING
The manufacture of brick and tile in the Chinese People's Republic. G. Sergeev. Stroi. mat., izdel. i konstr. 2 no. 8:30-32 Ag '56.

CHINA—CARICATURES AND CARTOONS
Trip to China. Herluf Bidstrup. Inostr. lit. no. 8:249-254 Ag '56.

CHINA—CHRYSANTHEMUMS
Chrysanthemums of China. G. A. Burinskaia. Sad i og. no. 8:73 Ag '56.

CHINA—COAL MINES AND MINING
Forty-five days with Chinese coal miners. S. Lemeshev. Sov. profsoiuzy 4 no. 7:92 Jl '56.

CHINA—COMMUNIST PARTY—CONGRESSES
Eight Congress of the Chinese Communist Party. Sov. Soiuz no. 10:4 O '56.
Eighth All-Chinese Congress of the Communist Party of China. G. Borovik. Ogonek 34 no. 39:6-7 S '56.

CHINA—COMMUNISTS
People and events; biographical notes. Nov. vrem. 14 no. 40:29-31 S '56.

CHINA—COMMUNITY FORESTS
Forestry in the cooperatives of the Chinese People's Republic. V. Koldanov. Kolkh. proizv. 16 no. 9:44 S '56.

CHINA—CONSTITUTION
Laws of the new life [with English summary in insert]. G. F. Kim and M. A. Shafir. Sov. vostokoved. no. 4:173-176 '56.

CHINA—CULTURE
Cultural activity in the new China. Shen Yen-ping. Inostr. lit. no. 8:243-248 Ag '56.

CHINA—DESCRIPTION AND TRAVEL
Five cities in China (to be concluded). Vadym Sobko. Ukraina no. 10:2-4 O '56.
In China (to be concluded). Wanda Wasilewska. Translated from the Polish by E. Wasilewska. Novyi mir 32 no. 9:143-168 Ag '56.

CHINA—ECONOMIC ASSISTANCE
Technical assistance from socialist countries to China. Chiang Ming. Nar. Kit. no. 15:9-12 Ag '56.

CHINA—ECONOMIC CONDITIONS
"Classes and the class struggle in the transition period" [in Chinese]. Wu Chüan-Ch'i. Reviewed by V. I. Glunin [with English summary in insert]. Sov. vostokoved. no. 4:169-173 '56.
For further strengthening of friendship and cooperation between the peoples of China and the Soviet Union. Liu Hsiao. Sov. Soiuz no. 10:2-3 O '56.
Great changes in China's economy. V. Sidikhmenov. Nov. vrem. 14 no. 38:3-5 S '56.

CHINA—EDUCATION, HIGHER
Organizing a teaching reform in China's institutions of higher learning. Vest. vys. shkoly 14 no. 9:47 S '56.

CHINA—ELECTRIC LINES—POLES
Reinforced concrete poles for electric transmission and communication lines. P. S. Dissen. Transp. stroi. 6 no. 7:25-27 Jl '56.

CHINA—FOREIGN RELATIONS
China and the cause of peace. Kuo Mo-jo. Nov. vrem. 14 no. 40:3-7 S '56.

CHINA—FOREIGN RELATIONS—UNITED STATES
Urgent matter. L. Modzhorian. Nov. vrem. 14 no. 42:7-8 O '56.

CHINA—GLASS MANUFACTURE
Manufacturing glass of high silica-alumina content in the Chinese People's Republic. P. P. Budnikov, V. P. Barzakovskii. Stek. i ker. 13 no. 9:31-32 S '56.

CHINA—GOVERNMENT OWNERSHIP
Socialist transformation of capitalist property in China. K. Batorcev. Mol. komm. 14 no. 9:113-120 S '56.

CHINA—HISTORY
Episodes of the great campaign. Kitai no. 7:6-8 Jl '56.

CHINA—HYDROELECTRIC POWER STATIONS
Hydroelectric engineering in the Chinese People's Republic. Shih Chia-Yang. Nauka i zhizn' no. 9:54-57 S '56.

CHINA—INTELLECTUAL LIFE
Free discussions in academic circles. Nar. Kit. no. 15:32-33 Ag '56.

CHINA—IRRIGATION
Irrigation structures. Nar. Kit. no. 15:18-19 Ag '56.

CHINA—LANTERNS
Lantern festival. G. Melikhov. Vokrug sveta no. 8:36 Ag '56.

CHINA—LAW
Second general conference of the Chinese Association of Political and Legal Sciences. L. M. Sov. gos. i pravo no. 6:141 '56.

CHINA—LOCKS (HYDRAULIC ENGINEERING)
Two new locks. Nar. Kit. no. 15:21-24 Ag '56.

CHINA—MATHEMATICS—HISTORY
Mathematics in ancient China ("Collected articles on the history of Chinese mathematics." Li Yen. Reviewed by Kuan Chao-chih). Nar. Kit. no. 15:29-31 Ag '56.

CHINA—MOTION-PICTURE PLAYS
"New film week" in the Chinese People's Republic. Isk. kino no. 7:106 Jl '56.

CHINA—MUSEUMS
Museums in new China. Nar. Kit. no. 15:33 Ag '56.

CHINA—NATIONALITES
Solution of the national question in the Chinese People's Republic [with English summary in insert]. B. F. Kasatkin. Sov. vostokoved. no. 4:16-27 '56.

CHINA—PHILOSOPHY
Report on a trip to the Chinese People's Republic. Vop. filos. no. 4:216-222 '56.

CHINA—PHILOSOPHY—PERIODICALS
The Chinese People's Republic. E. V. Vinogradova. E. V. Nikogosov. Vop. filos. no. 4:213-215 '56.

CHINA—PHOTOGRAPHY
In the country of our friends. E. Oksiukevich. Vokrug sveta no. 9:60-61 S '56.

CHINA—PHYSICAL GEOGRAPHY
Murzaev, E. M. [Northeastern China; a study in physical geography] Severo-vostochnyi Kitai; fiziko-geograficheskoe opisanie. Moskva, Izd-vo Akademii nauk SSSR, 1955, 250 p.
"Northeastern China; physicogeographical description." Reviewed by IU. Efremov. Novyi mir 32 no. 9:272-274 Ag '56.

CHINA—POLITICS AND GOVERNMENT
At the National People's Congress. Chou Hsiieh-sheng. Nar. Kit. no. 15:13-16 Ag '56.
The draft Constitution of the Chinese People's Republic; report at the first session of the Chinese National People's Congress on September 15, 1954 in Peiping. Liu-Shao-chi. Komm. Bel. 26 no. 10:12-44 O '54.
First meeting of the Third Session of the All-China People's Congress. Kitai no. 7:1-3 Jl '56.
Greatness of the new China. Nov. vrem. 14 no. 40:1-3 S '56.
Introductory speech of Comrade Mao-Tse-tung at the first session of the Chinese National People's Congress on September 15, 1954 in Peiping. Komm. Bel. 26 no. 10:10-11 O '54.
Voevodin, L. D. [The governmental structure of the Chinese People's Republic] Gosudarstvennyi stroi Kitaiskoi Narodnoi Respubliki. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 270 p.

CHINA—POPULATION
Food resources and growth of population. Sun Ching-chih. Priroda 45 no. 9:3-12 S '56.

CHINA—PUBLIC PROSECUTORS
Character of the People's Prosecutor's Office in the Chinese People's Republic and its tasks. Chou Hsin-min. Sov. gos. i pravo no. 6:44-51 '56.

CHINA—REFRACTORY MATERIALS
Manufacture of highly aluminous products from native, highly aluminous raw materials in the Chinese People's Republic. I. P. Kvitchenko. Ogneupory 21 no. 5:234-236 '56.

CHINA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Symbol of sincere friendship. Kitai no. 7:32 Jl '56.

CHINA—RELATIONS (GENERAL) WITH FRANCE
Visit of basketball teams of the French General Confederation of Labor to the Chinese People's Republic. Kitai no. 7:31 Jl '56.

CHINA—RELATIONS (GENERAL) WITH FRENCH EQUATORIAL AFRICA
African trade-union delegation admires China. Vsem. prof. dvizh. no. 8:21 Ag '56.

CHINA—RELATIONS (GENERAL) WITH RUSSIA
Friendly visit of Soviet ships. Kitai no. 7:4-5 Jl '56.
Soviet ships in Shanghai. Kitai no. 7:37 Jl '56.

CHINA—SCIENCE
Long live the "rivalry among all scientists." Kuo Mo-jo. Nar. Kit. no. 15:3-6 Ag '56.

CHINA—SPORTS
New power in the sports world. Charlie Kutts. Mol. mira no. 7:6 '56.

CHINA—TECHNICAL EDUCATION
With Chinese friends. N. Makienko. Prof.-tekh. obr. 13 no. 8:28-30 Ag '56.

CHINA—WAR CRIMES TRIAL
Humane treatment. Kitai no. 7:38 Jl '56.

CHINA—WATER RESOURCES DEVELOPMENT
Water resources of China. Geog. v shkole 19 no. 4:66-67 Jl-Ag '56.

CHINA—WHEAT—HARVESTING
Wheat harvesting. Kitai no. 7:9 Jl '56.

CHINA—WOODPULP INDUSTRY
Production of woodpulp from reeds in the Chinese People's Republic. S. P. Foteev. Bum. prom. 31 no. 6:25-26 Ag '56.

CHINESE OPERA see Opera, Chinese

CHINESE PAINTINGS see Paintings, Chinese

CHINESE POETRY—HISTORY AND CRITICISM
"Ashima"; a folk poem. Kitai no. 7:20-21 Jl '56.

CHIROTHERAPY see Massage

CHITA PROVINCE—BEE CULTURE—EXHIBITIONS
Beekeeping at the Chita Province Exhibition. N. A. Koriagin. Pchelovodstvo 33 no. 9:81 S '56.

CHIZHOV, BORIS ANDRIANOVICH, d. 1955
In memory of agrochemist B. A. Chizhov. I. F. Noll', Ud. i ur. 1 no. 8:53-54 Ag '56.

CHKALOV PROVINCE—ELK
Elks in the steppe. M. IAkushev. Okh. i okh. khoz. no. 8:60 Ag '56.

CHKALOV PROVINCE—HARVESTING
Victory on the crop front. E. Riabchikov. Ogonek 34 no. 39:4-5 S '56.

CHKALOV PROVINCE—SHAWLS
Orenburg downy shawls. B. Alekseev. Prom. koop. no. 8:33 Ag '56.

CHLORAMPHENICOL
Effect of antibiotics on immunologic processes and on freeing the organism of Rickettsia in typhus. K. M. Loban, E. P. Savitskaia. Zhur. mikrobiol., epid. i immun. 27 no. 8:102-107 Ag '56.

CHLORATES
Effect of chlorates on Aspergillus niger receiving different nitrogen nutrition. G. S. Kitavin. Mikrobiologiia 25 no. 3:268-271 My-Je '56.

CHLORIDES
Cryoscopy of aqueous salt solutions. Part 1. Systems: NaCl — $CaCl_2$ — $H_2O$ and KCl — $CaCl_2$ — $H_2O$. A. I. Mun, R. S. Darer, Zhur. neorg. khim. 1 no. 4:834-837 Ap '56.

Nomenclature of compounds obtained from the action of phosphorus pentachloride on amides of carboxylic acids. A. V. Kirsanov. Zhur. ob. khim. 26 no. 7:2082 Jl '56.

Reactions of salts with metals as melts. Interaction in the system $PbCl_2$ + Mg ⟶ $MgCl_2$ + Pb. A. P. Palkin, V. T. Redchenko. Zhur. neorg. khim. 1 no. 1:133-144 [Jan.] '56.

Reactions of salts with metals in melts. Interaction in the system: $CdCl_2$ + Zn ⟶ $ZnCl_2$ + Cd. E. I. Elagina, A. P. Palkin. Zhur. neorg. khim. 1 no. 5:1042-1046 My '56.

Sokolova, E. I., L. P. Listova, and A. Z. Vainshtein. [Equilibrium systems of ferri- and ferrosilicate sulfates and chlorides] Ferrisilikatnye i ferrosilikatnye sul'fatnye i khloridnye sistemy ravnovesiia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 65 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 3)

Solubility in the quaternary reciprocal system (2KCl + $MgSO_4$ ⇄ $K_2SO_4$ + $MgCl_2$) + $H_2O$ at 75°. E. I. Lukianova, V. I. Sokol, G. N. Sokolova. Zhur. neorg. khim. 1 no. 2: 298-307 F '56.

Study of the interaction of chlorides of alkali and alkaline earth elements in melts. Part 3. Study of the interaction of sodium, potassium, calcium, cesium, rubidium, and lithium chlorides in melts. V. E. Pliushchev and others. Zhur. neorg. khim. 1 no. 4:820-833 Ap '56.

Study of the interaction of chlorides of alkali and alkaline earth elements in melts. Part 4. Ternary system of lithium, potassium, and calcium chlorides. V. E. Pliushchev, F. V. Kovalev. Zhur. neorg. khim. 1 no. 5:1013-1018 My '56.

Study of the substitution 2AgCl + Pb ⇄ $PbCl_2$ + 2Ag by thermal analysis of the ternary system: Ag — Pb — Cl. G. G. Urazov, A. S. Karnaukhov. Zhur. neorg. khim. 1 no. 4:733-750 Ap '56.

Ternary system of lithium, sodium, and potassium chlorides. E. K. Akopov. Zhur. neorg. khim. 1 no. 5: 1019-1025 My '56.

Thermal and tensimetric study of the system $NbCl_5$ -- aCl. I. S. Morozov, B. G. Korshunov. Zhur. 1 no. 1:145-157 [Jan.] '56.

CHLORINE OXIDES
Chlorine dioxide as a new bleaching agent. I. E. Flis. Bum. prom. 31 no. 8:9-13 Ag '56.

CHLORITES
Analysis of hypochlorites and chlorites in solution [with English summary in insert]. I. E. Flis, M. K. Byniaeva. Zhur. anal. khim. 11 no. 4:453-458 Jl-Ag '56.

CHLOROMETHYLATION
Chloromethylation of certain *p*-cresol esters [in Armenian with summary in Russian]. A. A. Arotian, S. G. Titanian, G. A. Arzoian. Nauch. trudy Erev. un. no. 53:45-51 '56.

CHLOROMYCETIN
Chloromycetin emulsion for treating streptoderma. V. M. Pobedailo, B. T. Glukhen'kii, S. A. Kunts. Vest. ven. i derm. 30 no. 4:52 Jl-Ag '56.

Comparative rating on the therapeutic effect of sulfanilamide and of a 1% synthomycin emulsion in trachoma. V. B. Geft. Trudy AN Tadzh. SSR 40:95-107 '55.

On the mechanism of the action of chloromycetin [with English summary in insert]. A. I. Korotiaev. Mikrobiologiia 25 no. 4:451-457 Jl-Ag '56.

Results of applying a 1% synthomycin emulsion without mechanotherapy in treating trachoma. B. A. Tarpi. Trudy AN Tadzh. SSR 40:109-110 '55.

Treatment of gonorrhea with synthomycin. O. I. Niunkova. Sov. med. 20 no. 7:36-39 Jl '56.

CHLOROPHYLL
Correlation between chlorophyll and catalase. L. K. Polishchuk. Nauk. zap. Kiev. un. 7 no. 6:199-202 '48.

Dynamics of chlorophyll in leaves of Buxus sempervirens L. in the open and under cover. L. K. Polishchuk. Nauk. zap. Kiev. un. 8 no. 5:147-152 '49.

Solodkii, F. T., and A. L. Agranat. [Production of chlorophyll-carotin paste from pine needles] Proizvodstvo khvoinoi khlorofillo-karotinovoi pasty. Moskva, Goslesbumizdat, 1956. 29 p.

Studying the action of chlorophyll in the animal organisms by means of tagged atoms. F. V. Zakharova. Zhivotnovodstvo no. 8:61-65 Ag '56.

CHLOROPLASTIDS see Chromatophores

CHLOROPRENE
Study of the chloroprene ω-polymerization mechanism by means of labelled atoms. A. N. Pravednikov, S. S. Medvedev. Dokl. AN SSSR 109 no. 3:570-581 Jl '56.

CHLOROSIS (PLANTS)
Controlling apple tree chlorosis in Dzhezkazgan District. N. E. Permitin. Trudy Inst. bot. AN Kazakh. SSR 3:225-228 '56.

CHOLESTEROL
Effect of certain neurotropic substances on cholesterinemia in atherosclerosis. A. L. Miasnikov. Klin. med. 34 no. 6:65-69 Je '56.

CHOLINE
Effect of choline and colamine on the oxidation of adrenaline. V. G. Mkhitarian, V. B. Eglian. Dokl. AN Arm. SSR 11 no. 1:19-23 '49.

Metabolism of phospholipids and choline in Botkin's disease. Z. N. Popova. Vop. med. khim. 2 no. 3:179-181 My-Je '56.

Sexual cycle in choline insufficiency. Probl. endok. i gorm. 2 no. 3:96-99 My-Je '56.

CHOLINESTERASE
Cholinesterase activity and acetylcholine-like action of tissues during the healing of wounds following the introduction of leucocytogenic serums. L. B. Utevskaia. Trudy Inst. morf. zhiv. no. 18:107-127 '56.

Cholinesterase activity and cholinergic reaction of blood in schizophrenia. D. O. Al'pern. Fiziol. zhur. [Ukr.] 2 no. 4:87-90 Jl-Ag '56.

Effect of changes in the functional state of the nervous system on enzymochemical processes and the cholinergic reaction of the sick organism. D. O. Al'pern. Fiziol. zhur. [Ukr.] 2 no. 3:102-107 My-Je '56.

CHORAL SOCIETIES, RUMANIAN see subdivision under Korea, North

CHORAL SOCIETIES, RUSSIAN see subdivision under Korea, North

CHOROID
Mechanism of formation and origin of the choroid in the amphibian eye. G. V. Lopashov. Dokl. AN SSSR 109 no. 3:653-656 Jl '56.

CHOU SHU-JEN, 1881-1936
Lu Hsun; on the 75th anniversary of his birth. IU. Boika. Belarus' 13 no. 9:17 S '56.

CHROMATOGRAPHIC ANALYSIS
Adsorption-precipitation chromatographic method of nickel and cobalt separation with the aid of dimethylglyoxime [with English summary in insert]. A. M. Gurvich. Zhur. anal. khim. 11 no. 4:437-441 Jl-Ag '56.

"Chromatographic analysis." F. M. Shemiakin, E. S. Mitselovskii, D. V. Romanov. Reviewed by I. P. Kharlamov. Khim. prom. no. 3:190 Ap-My '56.

Chromatographic separation and analysis of gases. A. A. Zhukhovitskii, N. M. Turkel'taub. Usp. khim. 25 no. 7:859-871 Jl '56.

Chromatography on paper and its use in the determination of uric amino acids. L. G. Smirnova, Z. S. Chulkova. Lab. delo 2 no. 1:3-7 Ja-F '56.

Gas-liquid chromatography. N. A. Fuks. Usp. khim. 25 no. 7:845-858 Jl '56.

Separation of metals by the ion exchange chromatographic methods. R. N. Holovatyi. Nauk. zap. L'viv. un. 34:118-124 '55.

CHROMATOPHORES
Action of green plastids in fruit-bearing and sprouting shoots of some fruit trees in a dry subtropical climate [in Azerbaijani with summary in Russian]. V. Kh. Tutaluk, IU. M. Agaev. Izv. AN Azerb. SSR no. 5:57-64 My '56.

Dynamics of chloroplasts during the formation of flowers and seeds in milkweed. T. V. Plotnikova. Nauk. zap. Kiev. un. 8 no. 5:153-168 '49.

CHROMIUM
Tetravalent chromium compounds. N. I. Lobanov. Zhur. neorg. khim. 1 no. 1:24-26 [Jan.] '56.

CHROMIUM—METALLOGRAPHY
Chromium recrystallization diagram. E. M. Savitskii, V. F. Terekhova, A. V. Kholopov. Dokl. AN SSSR 109 no. 4:794-795 Ag '56.

CHROMIUM—TOXICOLOGY
Case of water supply pollution by chromium. A. V. Basalaev, Z. M. Shneiderman. Gig. i san. 21 no. 9:60-69 S '56.

Studying the chromium balance in experimental poisoning in animals. IA. M. Grushko. Farm. i toks. 19 no. 4:48-53 Jl-Ag '56.

CHROMIUM-MANGANESE STEEL
Nitrogen diffusion in chromium and manganese steel alloys. A. G. Lesnik, P. I. Nekrashevich, V. Sirik. Nauk. zap. Kiev. un. 14 no. 3:125-126 '55.

CHROMIUM-NICKEL STEEL—TESTING
Mechanical characteristics of temper brittleness. Metalloved. i obr. met. no. 8:28-30 Ag '56.

CHROMIUM-NICKEL STEEL—WELDING
Investigation of sigma phase formation in welded seams of Kh18N9T austenite steel. I. I. Sidorin, G. G. Mukhin. [Trudy] MVTU no. 41:20-41 '56.

CHROMIUM ORGANIC COMPOUNDS
Kinetics and mechanism of the formation of a trivalent-chromium complex compound with urea. K. B. IAsimirskii, E. I. Jasinskiene. Zhur. neorg. khim. 1 no. 3: 438-444 Mr '56.

CHROMIUM OXIDES
Kinetic determination of the binding energies as introduction to the theory of catalyst selection. Part 1. Research methods and experiments with chromic oxide. A. A. Balandin, A. A. Tolstopiatova. Zhur. fiz. khim. 30 no. 6:1367-1375 Je '56.

Thermochemical study of solutions of chromic anhydride in sulfuric acid. K. B. IAsimirskii, V. N. Vasil'eva. Zhur. neorg. khim. 1 no. 5:994-997 My '56.

CHROMIUM PLATING
Effect of polishing conditions on the changes in the net grooves in porous chromium layers. A. A. Mikhailov. Vest. mash. 36 no. 9:52-56 S '56.

CHROMIUM SALTS
Study of the isotopic exchange in solutions of green modifications of chromium salts. IA. A. Fialkov, IU. P. Nazarenko. Zhur. neorg. khim. 1 no. 3:565-578 Mr '56.

CHROMIUM STEEL—HEAT TREATMENT
Size modifications in carbide crystals in tempering hardened chromium steel. Z. K. Kos'ko. Dokl. AN SSSR 109 no. 6:1072-1075 Je '56.

CHRONAXIA
Changes in chronaxy caused by manganese intoxication. O. F. Makarchenko. Fizio. zhur. [Ukr.] 2 no. 3:68-77 My-Je '56.

CHRONOLOGY, HISTORICAL
The incorrect calculation of anniversaries of events occurring Before Christ. O. V. Kudriavtsev. Vest. drev. ist. no. 2:160-162 '56.

CHRONY, KUZ'MA, 1900-1944
Book about Kuz'ma Chorny ("Kuz'ma Chorny; ideas and portrayals in his works." I. Kudrautsau. Reviewed by IA. Kazeka). Polymia 34 no. 9:152-155 S '56.

CHRYSANTHEMUMS
(see also subdivision under China)
Growing chrysanthemums. N. M. Veklenko-Dukik. Sad i og. no. 8:72-73 Ag '56.

CHUCKS
Manufacture of draw-in attachments. IA. IA. Lychagin. Vest. mash. 36 no. 6:55 Je '56.

CHURCH OF ENGLAND—RELATIONS—ORTHODOX EASTERN CHURCH
The Orthodox Church and the Anglican faith after the First World War. M. Vinogradov. Zhur. Mosk. Patr. no. 6:62-66 Je '56.

CHURCH SLAVIC LANGUAGE
Studies by W. K. Matthews on Russian and Old Church Slavic. T. V. Bulygina, D. N. Shmelev. Vop. jaz. 5 no. 4:115-118 Jl-Ag '56.

CHURCH SLAVIC LANGUAGE—ADJECTIVE
Short and long forms of the adjective in Old Church Slavic. N. I. Tolstoi. Krat. soob. Inst. slav. no. 10:37-45 '56.

CHURCH SLAVIC LANGUAGE—GRAMMAR
"Old Church Slavic grammar; alphabet and morphology" [in German]. N. S. Trubetskoi. Reviewed by S. K. Shaumian. Krat. soob. Inst. slav. no. 10:66-70 '56.

CHURCHES, ORTHODOX EASTERN
Dedication of churches. Zhur. Mosk. Patr. no. 6:8-9 Je '56.

CHUVASHIA—REVOLUTION OF 1905
Chuvash A.S.S.R. TSentral'nyi gosudarstvennyi arkhiv. [The revolutionary movement in Chuvashia during the first Russian revolution, 1905-1907; documents and papers] Revoliutsionnoe dvizhenie v Chuvashii v period pervoi russkoi revoliutsii 1905-1907 gg.; dokumenty i materialy. Cheboksary, Chuvashskoe gos. izd-vo, 1956, 319 p.

CHUYA VALLEY—WHEAT
Spring sowing of winter wheat on fallow under conditions prevailing in the Chuya Valley of the Kirghiz S.S.R. V. N. Kovalev. Trudy Biol. inst. Kir FAN SSSR no. 4: 55-58 '51.

CHYMOTRYPSINE
Synthesis of phenylalanine and tyrosine peptides by chymotrypsine. N. N. Lestrovaia, S. R. Mardashev. Vop. med. khim. 2 no. 4:294-299 Jl-Ag '56.

CINEMATOGRAPHY
(see also subdivision under Germany, East)
Defense of dissertations at the All-Union Research Institute of Cinematography in 1955. V. G. Zhirinkov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:313-314 Jl-Ag '56.
New method of filming television images (From: "Wireless World" Mr. '56). Radio no. 8:57-59 Ag '56.
The Second International Congress on High-Speed Photography and Cinematography. V. G. P. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:71-73 Ja-F '56.
Why the art of blended photography has been forgotten. I. and V. Nikitchenko. Isk. kino no. 8:30-32 Ag '56.
Works of future cameramen submitted for diploma. K. Vents. Isk. kino no. 8:87-94 Ag '56.

CINEMATOGRAPHY—BIBLIOGRAPHY see Bibliography—Cinematography

CINEMATOGRAPHY—CONGRESSES see subdivision under London

CINEMATOGRAPHY—FILMS
Film storage cabinets. V. Klochkov. Kinomekhanik no. 9:26 S '56.
Let's have more motion pictures recorded on narrow film. V. Semykin. Kinomekhanik no. 9:26 S '56.
A new base for motion-picture film. Kinomekhanik no. 8:42-43 Ag '56.
Pay attention to supplies issued by film release bureaus. A. Muliar. Kinomekhanik no. 9:30 Ag '56.
The present status of narrow-film cinematography and the choice of the film format. I. A. Chernyi. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:127-132 Mr-Ap '56.
Take care of equipment and film copies! Kinomekhanik no. 9:27-28 S '56.
Terylene, a new synthetic material for motion-picture films. E. F. Russkova, B. N. Korostylev. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:148-151 Mr-Ap '56.
Use the pictureless film ends of films copied from film releases. V. Mikheev. Kinomekhanik no. 9:28 S '56.

CIRCASSIANS
Trakho, R. H. Cherkesy (Circassians - Northern Caucasians). Miunkhen [Einheit] 1956. 143 p. [In Russian and English.]
(CtY) (MH)

CIRCUIT BREAKERS, ELECTRIC see Electric circuit breakers

CIRCUITS, ELECTRIC see Electric circuits

CIRCUS
(see also subdivision under Germany; Moscow; Rostov-on-Don)
Discussion at the "Chez Dupont" cafe. Gerard Legrange, Mol. mira no. 7:20-21 '56.

CITIES AND TOWNS see subdivision under Japan; Stalino Province

CITIES AND TOWNS—CIVIC IMPROVEMENT see subdivision under Ukraine

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Bug Liman

CITRULLINE
Formation of urea in liver homogenates from citrulline and various nitrogen donors. I. V. Kluge. Dokl. AN SSSR 109 no. 5:997-1000 Ag '56.

CITRUS FRUITS
(see also subdivision under Italy)
Some physiological and biochemical characteristics of frost resistance of citrus trees. V. A. Mirimanian. Dokl. Akad. sel'khoz. 21 no. 8:36-39 '56.

CITRUS FRUITS—DISEASES AND PESTS
Species of mealy bugs (Insecta, Coccoidea) damaging citrus plants in Israel [with English summary in insert]. N. S. Borkhsenius. Zool. zhur. 35 no. 6:863-867 Je '56.

CITY PLANNING
(see also subdivision under Kiev Province; Krasnoyarsk; Krivoy Rog; Ukraine; White Russia)
[City planning and building] Planirovka i zastroika gorodov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956, 340 p.
A five-year construction plan for every city. B. Svetlichnyi. Arkhit. SSSR no. 7:6-8 '56.
New regulations and standards for planning and building cities. V. Baburov. Arkhit. SSSR no. 7:19-20 '56.
Principles for solving problems in planning suburban towns. V. Kamenskii. Arkhit. SSSR no. 7:9-11 '56.
Publishing literature on city building. O. Shvidkovskii, V. Belousov. Arkhit. SSSR no. 7:35-36 '56.
Size of cities and villages. V. Davidovich. Arkhit. SSSR no. 7:15-19 '56.
Some problems in the practice of city planning. A. Kuznetsov. Arkhit. SSSR no. 7:12-14 '56.
Standard plans of Russian city centers in the second half of the 18th century. V. Lavrov. Arkhit. SSSR no. 7:37-38 '56.
Tasks of construction engineers on a new stage. Arkhit. SSSR no. 7:1-2 '56.

CIVIL DEFENSE
High-priority emergency and rescue work at the point of destruction by an atomic blast. L. Filippov. Voen. znan. 31 no. 6:15-16 Je '56.
Without knowledge of the subject ("Local air defense," V. Sinitsyn and others). Reviewed by A. Mal'shinskii and others). Voen. znan. 31 no. 6:31 Je '56.

CIVIL LAW
General problems of the methodology of civil law. S. I. Asknazii. Uch. zap. Len. un. no. 106:3-50 '48.
Moscow. Universitet. Kafedra grazhdanskogo prava. [A collection of problems in Soviet civil law; a manual for students] Sbornik zadach po sovetskomu grazhdanskomu pravu; uchebnoe posobie dlia studentov. Moskva.
No. 1. 1955. 30 p.
No. 2. 1955. 51 p.
No. 3. 1955. 41 p.
No. 4. 1955. 47 p.
No. 5. 1955. 45 p.

CIVIL PROCEDURE
(see also subdivision under Hungary)
IUdel'son, K. S. [Legal evidence and its practical application in Soviet civil procedure] Sudebnye dokazatel'stva i praktika ikh ispol'zovaniia v sovetskom grazhdanskom protsesse. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 260 p.
Material justice in the Soviet civil case. IA. L. Shlutin. Nauk. zap. Kiev. un. 7 no. 2:161-172 '48.
Moscow. Universitet. Kafedra grazhdanskogo protsessa. [A textbook for practical studies in Soviet civil procedure; a collection of problems and documents on procedure in four parts] Uchebnoe posobie dlia prakticheskikh zaniatii po sovetskomu grazhdanskomu protsessu; sbornik zadach i protsessual'nykh dokumentov v chetyrekh vypuskakh. Moskva.
No. 1. 1956. 63 p.
Russia (1917- R. S. F. S. R.) Laws, statutes, etc. [Civil procedure code of the R. S. F. S. R.; official text with amendments to January 1956 and with a supplement of materials arranged by paragraphs] Grazhdanskii protsessual'nyi kodeks RSFSR; ofitsial'nyi tekst s izmeneniiami na 1 ianvaria 1956 g. i s prilozheniem postatejno-sistematizirovannykh materialov. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 336 p.
Shlutin, IA. L. [Lectures on Soviet civil procedure] Lektsii z radians'koho tsyvil'noho protsesu. [Kyiv] 1954. 343 p.
(CU)

CIVIL WAR, 1936-1939—FOREIGN PARTICIPATION see subdivision under Spain

CIVILIZATION, ANCIENT
Childe, V. Gordon. [New light on the most ancient East. Translated from the English] Drevneishii Vostok v svete novykh raskopok. Perevod s angliiskogo M. D. Grakovoi-Sviridovoi. Predisl. i red. V. I. Avdieva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 382 p., illus.

CIVILIZATION, ARABIC
History of Arabia at the beginning of the sixth century A. D. A. G. Lundin. Palest. sbor. no. 2:42-52 '56.

CIVILIZATION, HOMERIC
"Studies on the prisoner-of-war system and slavery in Greek history. Part 1. Homer" [in German]. G. Micknat. Reviewed by IA. A. Lentsman. Vest. drev. ist. no. 2:107-111 '56.

CLADDING see Metal cladding

CLASSICAL ANTIQUITIES see subdivision under Berlin

CLASSIFICATION—STARS see Stars—Classification

CLAY
(see also subdivision under Kazakhmamedtepe region)
Classification of brick and tile clays according to their granularity. F. Barshchevskii. Stroi. mat., izdel. i konstr. 2 no. 7:30 Jl '56.
Determining the amount of water to be used in normal slaking of clay materials. F. Barshchevskii. Stroi. mat., izdel. i konstr. 2 no. 8:27 Ag '56.
Diffused permeability of some argillaceous rock. P. I. Antonov. Geokhim. met. poisk. nefti i gaza no. 2:39-55 '54.
Grim, Ralph E. [Clay mineralogy. Translated from the English] Mineralogiia glin. Perevod s angliskogo D.E. Zviagina i dr. Pod red. i s predisl. V.A.Frank-Kamenetskogo. Moskva, Izd-vo inostrannoi lit-ry, 1956, 454 p.
"Keramzit." V. Khablov. Nauka i zhizn' no. 9:49 S '56.
Mineral composition of clays of the Kala series. E. Kh. Madatov, G. K. Kasumova. Azerb. neft. khoz. 35 no. 8:4-5 Ag '56.
Structural and mechanical properties of clay solutions in relation to their mineralogical composition and colloidal-chemical character. A. K. Miskarli, T. G. Gasanova. Dokl. AN Azerb. SSR 12 no. 9:629-636 '56.

CLAY—ANALYSIS
Thermographic analysis of clay minerals saturated with ions of aluminum and trivalent iron. S. N. Aleshin, A. N. Ivanov. Izv. TSKhA no. 1:217-226 '56.

CLEANING AND DYEING INDUSTRY see subdivision under Voronezh

CLEANING COMPOUNDS
Popov, I. P. [A knowledge of materials] Materialovedenie. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 159 p.

CLEANING MACHINERY see subdivision under Great Britain

CLEPTOMANIA see Kleptomania

CLIMACTERIC YEARS AND DISEASES
Change of life in women. E. I. Kvater. Zdorov'e 2 no. 9:10-12 S '56.

CLIMATOLOGY
(see also subdivision 'Climate' under Asia, Central; Crimea; Kazakhstan; Russia; Ukraine)
Creative cooperation of climatologists of the two sister nations. I. E. Buchinskii. Trudy Ukr. NIGMI no. 3:14-20 '55.
Defining the concept of climate. A. D. Zamorskii. Izv. Vses. geog. ob-va 88 no. 4:389-390 Jl-Ag '56.
"The natural zonal classification of climates of the world." A. I. Kaigorodov. Reviewed by V. A. Bugaev. Izv. AN SSSR, Ser. geog. no. 4:146-151 Jl-Ag '56.
Pidopilichenko, I. G., and P. S. Makeev. [Climates and landscapes of past ages] O klimatakh i landshaftakh proshlogo. Kiev, Izd-vo Akademii nauk USSR.
No. 2, 1955, 172 p.

CLIMATOLOGY, MEDICAL see subdivision under Ukraine

CLOCKMAKING AND WATCHMAKING
Using involute-tooth profiles for wheel trains used in watches. O. F. Tishchenko. Priborostroenie no. 9:15-19 S '56.

CLOCKS, ELECTRIC see subdivision under United States

CLOCKS AND WATCHES
(see also subdivision under Chelyabinsk)
"Miracle worker of Vlatka"; history of an unique clock. IA. Ryzhakin. Smena 33 no. 11:24 Je '56.
Wooden clock. I. Moroz. Ukraina no. 15:32 Ag '56.

CLOSTRIDIUM
The properties of some anaerobic bacteria of the Clostridium Prazmowsky genus [with English summary in insert]. G. M. Frenkel' and others. Mikrobiologiia 25 no. 4:429-436 Jl-Ag '56.

CLOSTRIDIUM ACETOBUTYLICUM
Effect of ash elements on the development of acetone-butyl bacteria. M. N. Chernobyl'skaia, A. N. Rus'ko, A. IA. Verbskaia. Nauk. zap. Kiev. un. 12 no. 7:27-35 '53.

CLOSTRIDIUM PASTEURIANUM
Effect of aerobes on the activeness of Clostridium Pasteurianum in mixed cultures. M. Z. Shkliar. Dokl. Akad. sel'khoz. 21 no. 8:32-37 '56.

CLOTH see Textile industry

CLOTHING AND DRESS
Garments and bedclothes as factors of microbe and dust pollution of air in buildings. A. I. Shafir. Gig. i san. 21 no. 9:19-26 S '56.
Physiological and hygienic rating of the role of clothing in protection from cold. L. O. Bogin. Voen.-med. zhur. no. 10:52-57 O '55.

CLOTHING AND DRESS—REPAIRING
Proficient customer service. Vl. Cherevkov. Prom. koop. no. 9:23 S '56.

CLOTHING INDUSTRY
(see also subdivision under Dneprodzerzhinsk; Moscow)
On the way toward over-all mechanization. A. A. Lebedev. Leg. prom. 16 no. 7:44-49 Jl '56.

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES
Racks for displaying ready-made clothes. B. Vinogradskii. Nov. torg. tekh. no. 3:21-22 '56.

CLOTHING INDUSTRY—EXHIBITION see subdivision under Copenhagen

CLOUD CHAMBER
For research on nuclear processes. O. P. Astakhov. Nauka i zhizn' no. 9:52 S '56.

CLOUDS
Chain process of charge accumulation in thunder clouds. V. M. Muchnik. Trudy Ukr. NIGMI no. 3:98-102 '55.
Using humidity charts for forecasting low cloudiness. E. I. Gogoleva. Meteor. i gidrol. no. 7:8-13 Jl '56.

CLOVER
Effect of different methods of trace element nutrition on the development, yield, and food value of red clover and its trace element content. M. IA. Shkol'nik, V. P. Bozhenko. Izv. AN SSSR. Ser. biol. no. 4:39-57 Jl-Ag '56.
Plow in a good clover sod prior to fiber flax. P. A. Sergeev. Len. i konop. no. 3:31-34 My '56.
Selecting highly productive clover seeds of the spring type from seeds giving winter-hardy descendants. A. S. Palamarchuk. Dop. ta pov. L'viv. un. no. 5, pt. 2:20-22 '55.
Trifolium ambiguum M. B. as a pasture plant. L. F. Kashirina. Bot. zhur. 41 no. 6:883-885 Je '56.

CLUBHOUSES
Basic problems in designing clubhouses. S. Prokhorov. Arkhit. SSSR no. 8:17-20 '56.
Construct clubhouses for machine builders faster and better. A. Kashin. Sov. profsoiuzy 4 no. 9:67-70 S '56.
No attention was payed to delegates' voices. Sov. profsoiuzy 4 no. 9:71-73 S '56.

CLUTCHES (MACHINERY)
New standards for the MUVP-type elastic clutches. L. S. Borovich, B. N. Gabrichevskii. Vest. mash. 36 no. 9:17-23 S '56.
Strength of rigidity calculations for freewheeling mechanisms. V. F. Mal'tsev. Vest. mash. 36 no. 6:12-17 Je '56.

COAGULATION
Using coagulants for the clarification of sludge waters. V. IA. Toporkov. Koks i khim. no. 6:13-16 '56.

COAL
(see also subdivision under Donets Basin)
Burning Kizel coal in furnaces with hand-fired chain grates. I. A. Shsinin. Energetik 4 no. 9:36-37 S '56.
Coal in the national economy. N. G. Golovanov. Priroda 45 no. 9:13-23 S '56.
Remote-controlled meter of coal consumption for steam boilers. A. S. Semenov, G. A. Mordukhaev. Gidroliz. i lesokhim. prom. 9 no. 6:24-25 '56.
Utilizing coals with low caking power. A. S. TSynovnikov, F. A. Mustafin. Koks i khim. no. 5:6-9 '56.

COAL—ANALYSIS
Determining the degree of metamorphism and the grade of clarain coals by the petrographic method using thin polished sections. L. I. Bogolubova. Izv. AN SSSR. Ser. geol. 21 no. 7:61-71 Jl '56.
Effect of iron ore on coking properties of coal ("Brennstoff-chemie" 37 no. 9/10 May 1956 ). E. Ch. Koks i khim. no. 6:36 '56.
Sampler for solid fuel on conveyer belts. V. P. Baryshev. Elek. sta. 27 no. 8:50-52 Ag '56.

COAL—CARBONIZATION
Using various testing methods for determining coking properties of coals ("Das Gas-und Wasserfach" Vol. 97 no. 1 January 1, 1956). E. Ch. Koks i khim. no. 5:64 '56.

COAL, PULVERIZED
Blow-in of pulverized coal fuel to hearths of blast furnaces. V. I. Loginov and others. Stal' 16 no. 8:675-682 Ag '56.
Using anthracite dust. B. F. Ermakov, V. P. Radomskii. Masl.-zhir. prom. 22 no. 6:30 '56.

COAL-CARRYING VESSELS
Role of removable 'tween-deck stanchions on two-deck ships. V. Kholosha. Mor. flot 16 no. 9:17 S '56.

COAL GASIFICATION
(see also subdivision under Moscow Basin)
Influence of water on the underground gasification of coals. A. I. Silin-Bekchurin, K. F. Bogoroditskii. Dokl. AN SSSR 109 no. 4:832-833 Ag '56.
Stoichiometric analysis of combustion and the gasification of solid fuel. B. M. Derman. Khim. i tekh. topl. no. 8:46-54 Ag '56.

COAL GEOLOGY see subdivision under Bashkiria; Donets, Basin; Ekibastuz; Karaganda Basin; Russian Platform

COAL-HANDLING MACHINERY
Position indicator for the car of a rolling transporter in a large lump coke bunker. A. N. Skorniakov. Koks i khim. no. 5:61-62 '56.

COAL MINERS
(see also subdivision under Donets Basin)
Filling up the ranks by the young. K. Lidina. Mast. ugl. 5 no. 9:16-17 S '56.
Soviet miners' holiday. Mekh. trud. rab. 10 no. 8:3-5 Ag '56.

COAL MINERS—DISEASES AND HYGIENE
Labor protection in mines. I. Sharav'ev, V. Filatov. Mast. ugl. 5 no. 9:8 S '56.
Ultraviolet-ray clinic in mines. Mast. ugl. 5 no. 9:26 S '56.
Ultraviolet ray clinics in the coal industry. Z. D. Gorkin. Svetotekhnika 2 no. 4:4-7 Jl '56.

COAL MINES AND MINING
(see also subdivision under Chelyabinsk Basin; China; Donets Basin; Karaganda Basin; Kuznetsk Basin; Moscow Basin; Poland; United States; Yakutia)
Collaboration by trade-union representatives in the International Labor Organization's Coal Commission. Victorin Duguet. Vsem. prof. dvizh. no. 7:8-10 Jl '56.
Ioffe, S. E. [General combined work crews in mines] Skvoznye kompleksnye brigady na shakhte. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Kasymov, Iman. [The cyclical work schedule in action] Grafik tsiklichnosti v deistvii. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 17 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Krasovich, E. V. [Creative initiative of innovators; the work practice of A. Akmagambetov's combine brigade at the Gorbachev Mine] Tvorcheskaia initsiativa novatorov; iz opyta raboty kombainovoi brigady A. Akmagambetova shakhty im. Gorbacheva. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 17 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Kulakov, N. P. [The communists are the organizers of the struggle for coal; the work practice of the Party group in the Kalinin Mine of the "Karagandaugol'" combine] Kommunisty - organizatory bor'by za ugol'; iz opyta raboty partiinykh grupp na shakhte imeni Kalinina kombinata "Karagandaugol'." Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Liuboshchinskii, D. M. [Give coupled cutter-loaders a clear track ahead; the work practice of V. Borodin's repair crew at the S. M. Kirov Mine] Sdvoennym kombainam - shirokuiu dorogu; iz opyta raboty remontno-podgotovitel'noi brigady shakhty im. S. M. Kirova. V. Borodina. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Lobanov, V. I. [Mining organization in mine No. 18-bis] Opyt organizatsii prokhodki gornykh vyrabotok na shakhte No. 18-BIS. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Markman, D. E. [Hero of Socialist Labor Khairullin's brigade's method of multistop mining] Mnogozaboinaia prokhodka gornykh vyrabotok po metodu brigady geroia sotsialisticheskogo truda G. Khairullina. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 20 p. (V pomoshch rabotnikam ugol'noi promyshlennosti Kazakhstana)
Master, A. Z. [High labor productivity in mines on a 24-hour schedule] Vysokaia proizvoditel'nost' truda na shakhte sploshnoi tsiklichnosti. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 39 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
A miner keeps his promise. Mast. ugl. 5 no. 9:1-2 S '56.
Miner's Day. Ugol' 31 no. 8:1-4 Ag '56.
[Miners recount their experiences; work practice of the "Zapadnaia-Kapital'naia" mine collective of the "Rostovugol'" combine] Shakhtery rasskazyvaiut; opyt raboty kollektiva shakhty "Zapadnaia-Kapital'naia" kombinata "Rostovugol'." [Moskva] Izd-vo VTsSPS "Profizdat," 1956. 63 p.
Nature of the relation between the length of the longwall and a miner's labor productivity. A. L. Maleta. Ugol' 31 no. 8:21-23 Ag '56.
On the efficiency of introducing new machinery and technology in the mines of the coal industry. A. N. Golubentsev. Mekh. trud. rab. 10 no. 8:19-24 Ag '56.
Onika, D. G. [The Soviet coal industry in the sixth five-year plan] Ugol'naia promyshlennost' SSSR v shestoi piatiletke. Moskva, Ugletekhizdat, 1956. 69 p.
The over-all mechanization of cleaning and preparation work. D. P. Liapin and others. Mekh. trud. rab. 10 no. 9:5-9 S '56.
Prospects of coal extraction by knife plane and short-range cutter loaders in the longwall system of mining flat seams. A. D. Panov. Ugol' 31 no. 8:23-30 Ag '56.
Taktrov, Musatai. [The party group in the struggle for technical progress] Partiinaia gruppa v bor'be za tekhnicheskii progress. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 18 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Topilin, I. V. [The cyclical work schedule is the basis of high coal output] Grafik tsiklichnosti - osnova vysokoi dobychi uglia. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 16 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Volichko, V. D. [Twenty seven thousand tons of coal a month per cutter-loader is not the limit] 27 tysiach tonn uglia v mesiats na kombain - ne predel. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

COAL MINES AND MINING—ACCOUNTING see subdivision under Donets Basin

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—PRODUCTION STANDARDS
More about the wages of coal miners. Z. Peskin. Sots. trud. no. 8:99-02 Ag '56.

COAL MINES AND MINING—SAFETY MEASURES
(see also subdivision under Moscow Basin)
A book about safety engineering in coal mining ("Safety in coal mines and open pits." S. Khalfin. Reviewed by IA. Polesin). Sots. trud. no. 8:119-123 Ag '56.
Forcing water into coal seam as one of the effective ways of controlling dust in mining. A. A. Skochinskii. Ugol' 31 no. 8:31-34 Ag '56.
Kaiov, Bolat. [Safety engineering under public control] Tekhniku bezopasnosti - pod obshchestvennyi kontrol'. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 11 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

COAL MINING MACHINERY
(see also subdivision under Donets Basin; Karaganda Basin; Kuznetsk Basin, Moscow)
For a determined introduction of the advanced experience of miner innovators. I. E. Efimov. Mekh. trud. rab. 10 no. 8:45-47 Ag '56.
The Kirovets cutter-loader. Mast. ugl. 5 no. 9:20 S '56.
Kuznetsov, A. A. [A PGA-3 grab loader for shaft sinking operations] Prokhodcheskii greifernyi agregat PGA-3. Moskva, Ugletekhizdat, 1956. 37 p. (Novaia gornaia tekhnika)
Narrow-range loading units. M. Zverev, P. Kalafatov. Mast. ugl. 5 no. 9:24-25 S '56.
Polikov, N. S., A. IA. Lichin, and I. G. Shlokman. [Cutter-loader model DGI-2m] Gornoprokhodcheskii kombain DGI-2m. Moskva, Ugletekhizdat, 1956. 11 p. (Novaia gornaia tekhnika)
Popenko, A. V. [Planned maintenance work is a guarantee against breakdowns] Planovo-preduprediteľnyi remont - zalog bezavarinoi raboty. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 12 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Resources for reducing time-consuming operations in coal mines. A. I. Trakhman, E. B. Stakhovich. Mekh. trud. rab. 10 no. 8:10-10 Ag '56.
Rosin, R. I. [PK-3 coal cutter-loader] Prokhodcheskii kombain PK-3. Moskva, Ugletekhizdat, 1956. 27 p. (Novaia gornaia tekhnika)
Sinking 903 meters of preparatory shafts a month with the PK-2m combine. D. A. Sukhachev, M. E. Fel'dman. Mekh. trud. rab. 10 no. 8:10-11 Ag '56.
Ways of carrying out the over-all mechanization of coal mining. V. E. Merkulov. Mekh. trud. rab. 10 no. 8:6-9 Ag '56.

COAL PREPARATION
Automatic proportioning of blended coal charge components. A. P. Gusev, G. K. Duryshin. Koks i khim. no. 6:9-12 '56.

COLLECTIVE FARMS (Continued)

Work practices on the Dimitrov Collective Farm ("Collective farm in the struggle for returns," IU, T. Omel'chenko. Reviewed by N. Kolesov, P. Moiseenko). Sots. sel'khoz. 27 no. 6:95-96 '56.

Your new play? Teatr 17 no. 9:177 S '56.

COLLECTIVE FARMS—ACCOUNTING

Accounting of production expenditures. K. Kortikova. Kolkh. proizv. 16 no. 8:36-38 Ag '56.

All-Union conference on collective farm accounting. Bukhg. uchet 15 no. 8:62 Ag '56.

Calculating the cost of production. M. IU. TSynkov. Nauka i pered. op. v sel'khoz. no. 8:36-39 Ag '56.

Changes in the collective farm accounting. V. Chuvikov. Kolkh. proizv. 16 no. 9:38-39 S '56.

Collective farm accountant. S. Grigor'ev. Kolkh. proizv. 16 no. 9:41 S '56.

Determining and calculating the cost of production on collective farms. K. Larionov. Sots. sel'khoz. 27 no. 6:51-60 '56.

Determining the expenditure of working days per unit of production. A. O. Miroshnyk, M. V. Lozova'kyi. Sots. tvar. 28 no. 10:7-9 O '56.

Document classification in collective farm bookkeeping. G. Korenugin. Kolkh. proizv. 16 no. 8:38-39 Ag '56.

How to calculate the cost of production on collective farms. M. K. Rastsvetov, A. M. Soroka, E. U. Antipova. Nauka i pered. op. v sel'khoz. no. 7:63-67 Jl

How we have organized the accounting for labor. G. Konstantinov. Kolkh. proizv. 16 no. 9:40-41 S '56.

Inferior book on an important subject ("Bookkeeping on collective farms." G. Zhulkov. Reviewed by I. Dedovets and D. Mekhriakov). Kolkh. proizv. 16 no. 8:47 Ag '56.

Principles of computing and analyzing production costs on collective farms. P. Makarov. Vop. ekon. no. 9: 117-124 S '56.

Remuneration of labor in mixed work groups. IU. P. Belianushkin, V. A. Chaplygin. Nauka i pered. op. v sel'khoz. no. 7:67-69 Jl '56.

Simplified method for taking inventory. N. Baukov. Kolkh. proizv. 16 no. 9:39 S '56.

Simplify work records. N. A. Minakov. Nauka i pered. op. v sel'khoz. no. 7:70-72 Jl '56.

System of wages based on the expenditures per unit of production. A. Khludenev. Sots. sel'khoz. 27 no. 6: 47-50 '56.

COLLECTIVE FARMS—FINANCE

Financing collective farms for the construction of intercollective farm enterprises for the production of local building materials. Sel'. strol. 11 no. 8:29 Ag '56.

Our practice in issuing credit to collective farms. F. Aimaletdinov. Den. i kred. 14 no. 9:37-42 S '56.

COLLECTIVE LABOR AGREEMENTS

Collective agreements are the basis of trade-union work in an enterprise. V. Prokhorov. Part. zhizn' no. 14: 11-20 Jl '56.

Collective labor agreement in practice. A. Pavelko. Sov. profsoiuzy 4 no. 8:28-30 Ag '56.

COLLEGE AND SCHOOL PERIODICALS

Reader's page. Vsem. stud. nov. 10 no. 8:1-2 Ag '56.

COLLEGE LIBRARIES see Libraries, University and college

COLLISIONS AT SEA—PREVENTION

Graphic plotting is a reliable method for radar observation of approaching vessels. N. Averbakh. Mor. flot

[illsions of ships at sea]
dov v more; pravila,
OSAAE

Jejunecoloplasty in extensive resections of the transverse colon. K. IA. Chuprakova. Khirurgiia 32 no. 6:58-62 Je '56.

Late results of rectocolopexy according to the author's method. A. I. Ermolenko. Khirurgiia 32 no. 6:38-40 Je '56.

COLONIES

Breakdown of the colonial system of imperialism. E. Zhukov. Part. zhizn' no. 16:41-48 Ag '56.

Chernogolovkin, N. V. [Forms of colonial dependence] Formy kolonial'noi zavisimosti. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 214 p.

Lenin, V. I. [The nationality and the national-colonial problem] O natsional'nom i natsional'no-kolonial'nom voprose. Moskva, Gos. izd-vo polit. lit-ry, 1956. 599 p.

COLOR CINEMATOGRAPHY

Conference on optical sensitizers and components for color cinematographic materials. V. S. Ch. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:313 Jl-Ag '56.

Eastman color motion-picture films, their structure and photographic properties. V. S. Chel'tsov, T. G. Tka - chenko. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:143-147 Mr-Ap '56.

Influence of the structure of multilayer color photographic materials on their resolving power and on the sharpness of the image. A. N. Iordanskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:52-55 Ja-F '56.

Use of multilayer color films in the Technicolor method of color cinematography. S. A. Bongard. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:67-69 Ja-F '56.

Variations in the color balance of multilayer positive motion-picture films having reduced-size exposure fields. I. M. Kilinskii, IU. Sh. Moskovskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:39-41 Ja-F '56.

COLOR OF INSECTS

Color pattern in Lepidoptera [in English]. B. N. Shvanvich. Ent. oboz. 35 no. 3:530-546 '56.

COLOR PHOTOGRAPHY

Increasing the interpretability of color shots. V. IA. Mikhailov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:70 Ja-F '56.

TSyganov, M. N. [Principles of color photography and aerial photography] Osnovy tsvetnoi fotografii i aerofotografii. Moskva, Izd-vo geodez. lit-ry, 1956. 175 p.

COLOR PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Effect of developing conditions on light sensitivity and on the color balance of the film negative. V. IA. Mikhailov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:29-38 Ja-F '56.

Temperature dependence of the kinetics of color development in multilayer color films. IU. N. Gorokhovskii, A. N. Kaiunchina-Liksno. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:23-28 Ja-F '56.

COLOR PRINTING

Controlling combination of inks in offset printing presses. S. Skuratovskii. Poligr. proizv. no. 4:21 Jl-Ag '56.

COLOR SENSE

Affecting the process of color sensation by hypnotism. A. S. Vaisblat. Trudy AN Tadzh. SSR 40:159-162 '55.

COLORADO BEETLE see Potato beetle

COLORIMETRY

Colorimetric determination of beryllium by means of new reagents: beryllon II [with English summary in insert]. G. G. Karanovich. Zhur. anal. khim. 11 no. 4: 400-404 Jl-Ag '56.

Colorimetric determination of sulfide ions by means of the molybdenum thiocyanate reaction [with English summary in insert]. V. A. Nazarenko, M. B. Shustova. Zhur. anal. khim. 11 no. 4:489-491 Jl-Ag '56.

Influence of iron on the colorimetric determination of cerium [with English summary in insert]. R. K. Korabelnik. Zhur. anal. khim. 11 no. 4:419-422 Jl-Ag '56.

s for colorimetric determination of beryllium, n I and II. A. M. Lukin, G. B. Zavarikhina. khim. 11 no. 4:393-399 Jl-Ag '56.

ea in the colorimetric analysis of phosphoric I. Moshchoriskov. Izv. Otd. est. nauk AN no. 13:17-28 '56.

IRISTOPHER, 1451-1506

sea and the ocean. S. Uzin. Znan. sila 21 S '56.

RICULTURAL MACHINERY)

bdivision under Siberia, Western)

ping of straw piles. A. Aristov. MTS 16 '56.

vesting combine. I. Tryndin, A. Erkaev. S 17 no. 12:1-5 Je '56.

rvesting high-yielding grain crops in north- I. Musikhin. MTS 16 no. 6:33-34 Ag

rn with grain combines. N. Kudriavtsev. 16 no. 8:15 Ag '56.

g work of flax-fiber harvesters. I. M. Len. i konop. no. 4:34-37 Je '56.

rvesting of millet. I. Elagin. MTS 10 Ag '56.

in operating combine-type beet harvesters, v. MTS 16 no. 8:39 Ag '56.

New textbook for combine operators ("Combines for vesting grain," V. G. Antipin, S. M. Grigor'ev, A. I Lur'e. Reviewed by G. Dazhin and A. Kuklev). MT 16 no. 8:44-45 Ag '56.

New type combine. Z. Mikhailov. Ogonek 34 36:2( S '56.

Our experience in using KPL attachments to S-6 co bines for harvesting corn. P. Lobkov, V. Droniae MTS 16 no. 9:23-24 S '56.

Performance of corn-harvesting combines. IU. Z. lykhin. Sel'khozmashina no. 8:10-11 Ag '56.

Special problems in operating S-4M combines with which automatically follow the ground surface. N, sin. MTS 16 no. 8:28-29 Ag '56.

Trip through the exhibition. IUn. nat. no. 6:32-33 S '56.

Using SK-2, 6 ensilage harvesters. G. M. Gin'ko. N i pered. op. v sel'khoz. no. 7:59-60 Jl '56.

What inventors are working on. V. Markin. MTS no. 9:37-39 S '56.

COMBING MACHINES

New machines for the fine comber system of wool s G. G. Khrushchev. Tekst. prom. 16 no. 8:16-20 A

COMBUSTION

Burning high-ash coal from the Moscow area. M. I Kisel'gof. Elek. sta. 27 no. 8:5-10 Ag '56.

Coal dust combustion in cyclone furnaces with air- cooling and top venting of gases. B. D. Katanel'so A. A. Shatil'. Energomashinostroenie no. 8:5-10 '56.

Investigation of combustion in a chamber of the peri type. D. F. Bozuko. [Trudy] MVTU no. 67:77-114

Letter to the editor. G. N. Tilil. Vest. mash. 36 no. 6:40 Je '56.

Operating characteristics for shaft pulverizer furn with cyclone burners. I. K. Borshtein, M. M. Rubin Energomashinostroenie no. 9:1-5 S '56.

Operation of furnaces with shaft-type impact mills coal from the Moscow area. V. N. Berezhnegovskai Energetik 4 no. 8:39 Ag '56.

Particularities of fuel combustion in shaft sifting furnaces. N. P. Tabunshchikov. Khim. prom. no 139-141 Ap-My '56.

Stability of the flame front when a liquid is burning slowly. V. G. Levich. Dokl. AN SSSR 109 no. 5:9 978 Ag '56.

Stoichiometric analysis of combustion and the gasifi of solid fuel. B. M. Derman. Khim. i tekh. topl. n 46-54 Ag '56.

COMEDY

Ostrovskii, A. N. [The comic actor in the seventeen century] Komik XVII stoletiia. Moskva, Iskusstvo 1956. 102 p. (OCl)

COMENIUS, JOHANN AMOS, 1592-1670

Study on a great Slavic educator ("The progressive character of the educator Comenius" [in German], Robert Alt. Reviewed by N. A. Konstantinov, A. I. Piskunov). Sov. pedag. 20 no. 8:87-95 Ag '56.

COMENIUS, JOHANN AMOS, 1592-1670—MUSEUMS, RELICS, ETC.

In the Museum of J. A. Comenius. Sov. pedag. 20 128-129 Ag '56.

COMET, ASHBROOK-JACKSON'S

Ashbrook-Jackson's periodic comet (1955 c). Astro tsirk. no. 169:3 '56.

COMET, OLBERS'

Olbers' periodic comet (1956 a). Astron. tsirk. no 3 '56.

COMET, OTERMA'S

Oterma's periodic comet (1942 VII). Astron. tsirk. 170:3 '56.

COMET, SHAIN-SCHALDACH'S (1940VI)

Motion of the periodic comet 1940 VI P. F. Shain-Sch from 1928 to 1957. A. D. Dubiago. Astron. zhur. no. 3:382-390 My-Je '56.

COMET, TEMPEL'S (II)

Tempel's periodic comet 2 1956 e. O. N. Chudovic Astron. tsirk. no. 170:1-2 '56.

COMETS

The brightness of comets and activity on the solar face. S. V. Orlov. Astron. zhur. 33 no. 3:377-38 Je '56.

Problems of heat conditions in the surface layer of comet nucleus. O. V. Dobrovol'skii. Biul. Stal. ast obser. no. 15:3-9 '56.

COMETS—1948

Determining the type of tail of comet 1948 XI. A. M Bakharev. Dokl. AN Tadzh. SSR no. 15:41-43 '56.

COMETS—1953

Absolute magnitude of comets (1953 and 1954). T. Vodop'ianova. Astron. tsirk. no. 169:3-5 '56.

COMETS—1954

Absolute magnitude of comets (1953 and 1954). T. V Vodop'ianova. Astron. tsirk. no. 169:3-5 '56.

COMETS—1954 (Continued)

Aro Chavira's comet (1954 k). Astron. tsirk no. 169:2 '56.

Aro-Chavira's comet 1954 k. Astron. tsirk. no. 170:2 '56.

COMETS—1955

Mrkos' comet 1955 e. Astron. tsirk. no. 170:3 '56.

COMETS—1956

Cherepashchuk's object. Astron. tsirk. no. 169:1 '56.

Mrkos' comet (1956 b). Astron. tsirk. no. 169:1 '56.

Wirtanen's comet (1956 c). Astron. tsirk. no. 169:1 '56.

COMMERCE

Fialkov, M.A., and I.N.SADIKOV. [Insuring the safety of socialist property in state commerce] Obespechenie sokhrannosti sotsialisticheskoi sobstvennosti v gosudarstvennoi torgovle. Moskva, Gostorgizdat, 1956. 66 p. DS

Official section. Vnesh. torg. 26 no. 8:20-30 Ag '56.

Payment agreements of the European People's Democracies with capitalist countries [with summary in English]. O. Bogomolov, A. Evreiskov. Vnesh. torg. 26 no. 9:23-27 S '56.

"Standard contracts in international trade on the world's capitalist market" [in Polish]. J. Zielenlewski. Reviewed by I. Pisarets [with summary in English, p. 31]. Vnesh. torg. 26 no. 8:26-27 Ag '56.

COMMERCE—DICTIONARIES

A useful dictionary ("English-Russian economic and foreign trade dictionary." E.E. Izrailevich. Reviewed by M. Dikanskii) [with summary in English, p. 32]. Vnesh. torg. 26 no. 8:27-28 Ag '56.

COMMERCIAL AERONAUTICS see subdivision 'Aeronautics Commercial' under Bulgaria; Ukraine

COMMERCIAL ARITHMETIC see Arithmetic, Commercial

COMMERCIAL LAW

Aid to business managers. Sov. torg. no. 8:40-41 Ag '56.

Dvinov, M.S., V.V.Pavlov, and G.M.IAmenfel'd. [Fundamental legal problems in the operation of state business enterprises; a textbook for Soviet commercial schools] Osnovnye pravovye voprosy deiatel'nosti gosudarstvennykh torgovykh organizatsii; uchebnoe posobie dlia tekhnikumov sovetskoi torgovli. Moskva, Gos. izd-vo torgovoi lit-ry, 1955. 239 p.

COMMERCIAL PRODUCTS

Sergeev, M. E., and others. [A short course in the science of industrial commodities] Kratkii kurs tovarovedeniia promyshlennykh tovarov. Otv. red. M. E. Sergeev i N. A. Arkhangel'skii. Moskva, Gos. izd-vo torgovoi lit-ry, 1955. 611 p.

COMMONWEALTH OF NATIONS

In the world of fantasy. Nov. vrem. 14 no. 42:14-15 O '56.

COMMUNICABLE DISEASES

[Abstracts of Soviet medical literature: microbiology, communicable diseases, epidemiology.] Sovetskoe meditsinskoe referativnoe obozrenie: mikrobiologiia, infektsionnye bolezni, epidemiologiia no. 21 '56.

[Abstracts of Soviet medical literature: microbiology, communicable diseases, epidemiology.] Sovetskoe meditsinskoe referativnoe obozrenie: Mikrobiologiia, infektsionnye bolezni, epidemiologiia no. 22 '56.

Bilibin, A.F. [Treatment of communicable diseases; basic principles] Lechenie infektsionnykh boleznei; osnovnye printsipy. Moskva, Medgiz, 1956. 34 p. (DAFM)

For the health of man. V. M. Zhdanov. Nauka i zhizn' 23 no. 9:1-3 S '56.

Health education in the prevention of acute infections in children. I. F. Tabakova. Fel'd. i akush. 21 no. 8:53-55 Ag '56.

Problem of infections in hospitals and their prevention. K. E. Sillvanik. Zhur. mikrobiol., epid. i immun. 27 no. 8:48-51 Ag '56.

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICATIONS, RAILROAD see Railroads—Communication systems

COMMUNISM

Bylov, Nikolai. [The black gospel; an analysis of two doctrines] Chernoe evangelie; razrez dvukh uchenii. Parizh, 1949. 143 p. (CLU)

Correlation between politics and economics during the era of the dictatorship of the proletariat. E. V. Nazarenko. Nauk. zap. Kiev. un. 14 no. 7:5-17 '55.

[The historical experiment of the dictatorship of the proletariat; an editorial from the newspaper "Jen Min Jih Pao"] Ob istoricheskom opyte diktatury proletariata; redaktsionnaia stat'ia gazety "Zhen'min'zhibao." [Moskva] Izd-vo "Pravda," 1956. 18 p.

Lenin, V.I. ["Left wing" communism, an infantile disorder] Kommunizmda "Zúúnel tala bartmtalhan" ükhibüün ehonoi übshen. [n. p.] Buriat-mongoloi nomoi khebiel, 1954. 111 p. [In Buryat.]

Marx, K., and F. Engels. [The manifesto of the Communist Party] Manifest Kommunisticheskoi partii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p.

The nature of the manifestation of dialectical laws in the development of socialist society. S. IA. Kogan. Pratsi Od. un. 145:213-244 '55.

Oleshchuk, F. [Our goal is communism] Nasha tsel' - kommunizm. Moskva, Gos. izd-vo polit. lit-ry, 1946. 39 p.

The people is the creator of history. B. Krymov, I. Riabov. Slaviane no. 9:6-10 S '56.

[The problem of the cult of the individual] K voprosu o kul'te lichnosti. [Moskva] Izd-vo "Pravda," 1956. 43 p.

Role of Soviet criminal legislation in maintaining the economic base of the U. S. S. R. P. S. Matyshevskii. Nauk. zap. Kiev. un. 14 no. 7:97-115 '55.

COMMUNISM—HISTORY

The spread of Marxism in Russia. IU. Z. Polevoi. Vop. ist. no. 7:93-106 Jl '56.

The Union of Communists at the beginning of the Revolution of 1848. M. I. Mikhailov. Uch. zap. po nov. i noveish. ist. no. 2:91-143 '56.

COMMUNIST EDUCATION

(see also subdivision under Kazakhstan)

Disseminating materials of the 20th Congress of the Communist Party of the Soviet Union. A. Novik, O. Solov'ev. Prof.-tekh. obr. 13 no. 8:23-24 Ag '56.

Important part of ideological work. Sots. kul't. 10 no. 9:1-2 S '56.

Party education in the new academic year. Part. zhizn' no. 14:3-10 Jl '56.

Problems in training discussed at the Geneva Congress of the First International. S. A. Frumov. Sov. pedag. 20 no. 10:87-88 O '56.

Results of the academic year in the party educational system and the tasks of party organizations in the new academic year. Part. zhizn' no. 15:10-16 Ag '56.

Train youth in the spirit of communist ideology. Mol. komm. 14 no. 8:3-8 Ag '56.

The training of party and soviet workers. Part. zhizn' no. 14:38-42 Jl '56.

COMMUNIST ETHICS

Man must be fought for! G. Medynskii. IUnost' no. 10: 104-107 O '56.

Mere indifference? N. Orlinskaia. Mol. komm. 14 no. 9:63-68 S '56.

Not connected with life ("The morality and ethics of the Soviet citizen." K. I. Bolkaev. Reviewed by N. Kovynev. Mosk. prop. 13 no. 8:73-77 Ag '56.

Problems in the theory of communist ethics. A. F. Shishkin. Vop. filos. no. 4:13-17 '56.

What it means to be cultivated. G. Kovalenko. Mol. komm. 14 no. 9:59-62 S '56.

Why is Lilia silent? L. Samoilov. IUnost' no. 9:102 S '56.

COMMUNIST ETHICS—BIBLIOGRAPHY see Bibliography—Communist ethics

COMMUNIST PARTY

(see also subdivision under Czechoslovakia; Germany, West; United States)

Acquisition of a parliamentary majority by representatives of the working masses. G. S. Gurvich. Sov. gos. i pravo no. 6:32-43 '56.

COMMUNIST PARTY—CONGRESSES see subdivision under China; Peiping

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Altai Territory; Kazakhstan; Ukraine; White Russia)

Communist Party is the leading and guiding force of Soviet society. Komm. Bel. 26 no. 10:1-9 O '54.

The Communist Party is the leading force of Soviet society. N. IEmel'ianenko. Sots. kul't. 10 no. 9:3-5 S '56.

Exercise criticism and self-criticism fearlessly and more extensively. Kom. Ukr. 31 no. 7:1-11 Jl '56.

Principles of the foreign policy of the Communist Party of the Soviet Union. Kh. M. Chakhmakhchian. Uch. zap. Erev. gos. russ. ped. inst. 4:135-144 '55.

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

(see also subdivision under Ukraine)

Kommunisticheskaia partiia Sovetskogo Soiuza. 20. s"ezd, Moscow, 1956. [Stenographic report] Stenograficheskii otchet. Moskva, Gospolitizdat, 1956. 2 v. (DS)

COMMUNIST PARTY OF THE SOVIET UNION—HISTORY

Agrarian program of the Bolsheviks at the time of the first Russian revolution [in Azerbaijani with summary in Russian]. Kh. Aliev. Uch. zap. AGU no. 10:45-56 '55.

The central party archives of the Institute of Marxism-Leninism attached to the Central Committee of the Communist Party of the Soviet Union. Ist. arkh. no. 4: 188-200 Jl-Ag '56.

IUdenkov, A. F. [Russia, the birthplace of Leninism] Rossiia - rodina leninizma. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 37)

Model plan of topics for the study of the history of the Communist Party of the Soviet Union by clubs and seminars during the 1956-1957 academic year. Part. zhizn' no. 16:36-40 Ag '56.

Organization of the foundations of the Communist Party. A. S. Zashkil'niak. Nauk. zap. L'viv. un. 25:5-26 '53.

The people are the makers of history. M. Slavina. Na rub 17 no. 4:133-140 Jl-Ag '56.

Unpublished documents by V. I. Lenin. Kom. Ukr. 31 no. 7:12-13 Jl '56.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

(see also subdivision under Pavlodar Province)

Aspects of admission to party membership. Part. zhizn' no. 14:60 Jl '56.

For a model procedure in party operations. A. Mazhinkova. Komm. Kazakh. 26 no. 10:32-34 O '56.

Questions of admission to the party. Part. zhizn' no. 16:66-67 Ag '56.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under North Kazakhstan Province; Temir-Tau (Karaganda Province); Ukraine; White Russia)

Aspects of training personnel. Part zhizn' no. 15:3-6 Ag '56.

Brief news. Mosk. prop. 13 no. 9:79-80 Ag '56.

A brochure and life ("Instruction staff of a district committee of the Communist Party of the Soviet Union; collection of articles." Reviewed by G. Kuznetsov). Part. zhizn' no. 15:70-78 Ag '56.

Communists at machine-tractor stations delve into economics. I. Rysenkov. Part. zhizn' no. 16:51-57 Ag '56.

Communists of a depot. K. Kuptsov. Komm. Kazakh. 26 no. 9:41-43 S '56.

Disseminate the practice of party political work. Grazhd. av. 13 no. 8:37 Ag '56.

A document of great political and theoretical significance. P. N. Demichev. Mosk. prop. 13 no. 9:9-17 Ag '56.

Fulfill the decisions of the 20th Congress of the Communist Party of the Soviet Union with persistence. Part. zhizn' no. 15:3-9 Ag '56.

Increase the responsibility of committee members. V. Vodianov. Part. zhizn' no. 16:61-62 Ag '56.

Klokhlov, V. A. [Mass Party work at the Karaganda coal-grading station] Massovo-politicheskaia rabota na stantsii Karaganda-Sortirovochnaia. Alma-Ata, Kazakhskoe Gos. izd-vo, 1954. 60 p.

Kufakov, N. P. [The communists are the organizers of the struggle for coal; the work practice of the Party group in the Kaltnin Mine of the "Karagandaugol'" combine] Kommunisty - organizatory bor'by za ugol'; iz opyta raboty partiinykh grupp na shakhte imeni Kaltnina kombinata "Karagandaugol'." Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

Make wider use of the experience of progressive workers. Mosk. prop. 13 no. 8:3-8 Ag '56.

On modesty and simplicity. Part. zhizn' no. 14:60 Jl '56.

Party chronicle. Komm. Kazakh. 26 no. 10:62-64 O '56.

Party libraries prepare for the new academic year. V. Fedotov. Mosk. prop. 13 no. 8:45-48 Ag '56.

Party life. Part. zhizn' no. 15:79-80 Ag '56.

Party news. Part. zhizn' no. 14:79-80 Jl '56.

Party news. Part. zhizn' no. 16:79-80 Ag '56.

Persuasion is the basic method of party leadership of the masses. S. Mezentsev. Kommunist 33 no. 13: 15-30 S '56.

The propagandist words must reach every worker. L. Kurnosova. Mosk. prop. 13 no. 8:48-52 Ag '56.

Reports and travel assignments. Part. zhizn' no. 16:28-30 Ag '56.

Russia (1923- U. S. S. R.) Glavnoe politicheskoe upravlenie vooruzhennykh sil. [How to conduct political lessons] Kak provodit' politicheskie zaniatiia. Moskva, Voen. izd-vo Ministerstva vooruzhennykh sil SSSR, 1947. 70 p. (V pomoshch' rukovoditeliu politicheskikh zaniatii)

[MICROFILM]

Speeches of administrative personnel before the workers. M. Evgen'ev. Mosk. prop. 13 no. 8:61-64 Ag '56.

"Steps have been taken..." Part. zhizn' no. 14:42-44 Jl '56.

Tananaiskii, I. V. [Mass political work among workers in the Aktyubinsk iron alloy plant] Massovo-politicheskaia rabota na Aktiubinskom zavode ferrosplavov. Alma-Ata, Kazakhskoe gos. izd-vo, 1954. 61 p.

Two letters on elections in primary party organizations. Part. zhizn' no. 16:49-51 Ag '56.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK (Continued)

Two methods of party work; party organizations of two collective farms during the harvest. G. Kopylov. Komm. Kazakh. 26 no. 9:33-37 S '56.

Without essential changes. G. Fedostsev. Part. zhizn' no. 16:57-60 Ag '56.

COMMUNIST YOUTH LEAGUE

( see also subdivision under Kemerovo; White Russia)

Communist Youth League goup. G. Markovchin. Prof.-tekh. obr. 13 no. 7:26 Jl '56.

Communist Youth League members of an institution of higher learning ("Affairs and days of Communist Youth League members of an institute." A. Dobryden', E. Kazantsev. Reviewed by A. Tarasov). Mol. komm. 14 no. 8:123-124 Ag '56.

Communist Youth League news. Mol. komm. 14 no. 8: 78 Ag '56.

Equipment in reliable hands. R. El'tsov. Mol. komm. 14 no. 8:52-54 Ag '56.

An evening of questions and answers. Mol. komm. 14 no. 9:106-107 S '56.

The feeling for the new in Communist Youth League work. L. Kolupaev. Mol. komm. 14 no. 8:42-47 Ag '56.

Follow-up on our publications. Mol. komm. 14 no. 9:92-93 S '56.

Great changes. A. Tiurkin. Mol. komm. 14 no. 9:92 S '56.

Important element in the organizational work of rural Communist Youth League members. Mol. komm. 14 no. 8:28-34 Ag '56.

In the Novokhopersk District Committee. K. Skachko. Mol. komm. 14 no. 8:34-42 Ag '56.

Inspection posts. A. Shevko. Mol. komm. 14 no. 9:90-91 S '56.

"Leaders on their work." Reviewed by R. Delankova. Mol. komm. 14 no. 8:124-126 Ag '56.

Let us support the initiative of activist members. V. Mitiukha. Mol. kom. 14 no. 8:47-51 Ag '56.

The main source of the Communist Youth League's strength. E. Markushin. Part. zhizn' no. 14:58-61 Jl '56.

My work with Communist Youth League members from a class. I. Goncharov. Mol. komm. 14 no. 9:76-79 S '56.

Our first helpers. N. K. Chumakov. Mol. komm. 14 no. 9:79-81 S '56.

[Problems in Communist Youth League work] Voprosy komsomol'skoi raboty. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 124 p.

[Problems of communist youth league work in the Soviet army and navy] Voprosy komsomol'skoi raboty v Sovetskoi armii i flote. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 30 p. (Bibliotechka komsomol'skogo aktivista)

Soviet legality and the role of the Communist Youth League in strengthening it. R. Rakhunov. Mol. komm. 14 no. 9:17-27 S '56.

Thus authority is won. M. Piatakov. Mol. komm. 14 no. 9:86-88 S '56.

Workdays of builders. M. Semenova. Mol. komm. 14 no. 8:71-73 Ag '56.

COMMUNIST YOUTH LEAGUE—HISTORY

"Communist Youth League members went to fight the Civil War..." A. Bezymenskii. IUnost' no. 10:101-103 O '56.

COMMUNISTS see subdivision under China

COMMUNITY CENTERS

( see also subdivision under Brest Province; Bulgaria; Dnepropetrovsk Province; Kalinin; Kalininskoye District; Krasnoyarsk Territory; Ligachevo; Mikhailovka; Moscow; Omsk; Panfilovo (Stalingrad Province); Tientsin, China; Zaporozh'ye)

Active workers report. Klub 6 no. 9:18 S '56.

Answers to readers' questions. Kul't.-pros. rab. 17 no. 9:42 S '56.

"BOKS" on the stage. N. Olofinskii. Kul't.-pros. rab. 17 no. 9:17-18 S '56.

Brief news. Klub 6 no. 9:31 S '56.

Council on everyday problems in a dormitory. S. Spitsyn. Mol. komm. 14 no. 9:88-90 S '56.

Crowded and not liking it. K. Svetlova. Mosk. prop. 13 no. 8:64-67 Ag '56.

The first graduating class. Klub 6 no. 9:3 S '56.

In our Home of Culture. A. E. Vnukova. Mol. komm. 14 no. 8:54-57 Ag '56.

Shilkina, M. F. [Sound filmstrip newspapers in clubs] Svetlo-zvukovaia gazeta v klube. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 33 p.

They write us. Klub 6 no. 9:26 S '56.

What is a club? A. Brudnyi. Klub 6 no. 9:1-2 S '56.

COMMUNITY FORESTS see subdivision under China

COMMUNITY LIFE see subdivision under Lenino District

COMMUTATION (ELECTRICITY)

Problems in the modern theory of commutation in commutator machines. O. G. Vegner. Elektrichestvo no. 7:19-23 Jl '56.

COMPASS

Compensation and determination of the residual deviation of magnetic compass at the bearing of a remote object. I. El'port. Mor. flot 16 no. 8:11-13 Ag '56.

Shur, IA. I. [The magnetic compass; a historical sketch] Magnitnyi kompas; istoricheskii ocherk. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 41)

COMPENSATION see Pensions

COMPETITION, SOCIALIST see subdivision 'Socialist competition' under Dneprodzerzhinsk

COMPHORUS see subdivision under Baikal, Lake

COMPLEMENT FIXATION

Significance of complement fixation at low temperature; results of comprehensive work of 11 institutes of dermatology and venerology. N. M. Ovchinnikov. Vest. ven. i derm. 30 no. 4:29-32 Jl-Ag '56.

COMPOUND OFFENSES

IAkovlev, A. M. [Compound offenses in Soviet criminal law (definition and responsibility); author's abstract of a dissertation submitted for the academic degree of candidate of law] Sovokupnost' prestuplenii po sovetskomu ugolovnomu pravu (poniatie i otvetstvennost'); avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Moskovskii gos. univ. im. M. V. Lomonosova, 1956. 14 p.

COMPOUNDS, COMPLEX

Advances in the chemistry of metalloid organic complexes. W. Haegi. [Translated from Bulletin de Société chimique de France, fasc. no. 4:581-587, by F. S. Kholinskii. Usp. khim. 25 no. 7:903-914 Jl '56.

Certain functions characterizing the stepwise complexing in solutions. K. B. IAtsimirskii. Zhur. neorg. khim. 1 no. 3:412-421 Mr '56.

Character of the soluble complex formed by the interaction of nickel, dimethylglyoxime, and an oxidant. A. K. Babko. Zhur. neorg. khim. 1 no. 3:466-468 Mr '56.

Complex copper salts of α-oxy acids. Part 2. Trimesotartratotetracuprates. A. V. Ablov, D. G. Batyr. Zhur. neorg. khim. 1 no. 2:251-256 F '56.

Complexing and exchange decomposition in the reciprocal system of thallium and cadmium chlorides and sulfates. A. K. Sementsova, A. G. Bergman, D. S. Losnykh. Zhur. neorg. khim. 1 no. 1:103-109 [Jan.] '56.

Complexing in aqueous solutions of sulfuric acid and of sulfates of certain metals. IA. A. Fialkov, Z. A. Sheka. Zhur. neorg. khim. 1 no. 6:1238-1242 Je '56.

Complexing of acetamide and benzamide with other organic compounds. N. D. Strel'nikova. Zhur. ob. khim. 26 no. 7:1863-1868 Jl '56.

Conference on the use of tracers in the chemistry of compounds. Z. A. Sheka. Zhur. neorg. khim. 1 no. 2:345-348 F '56.

Contemporary state of the theory of complex compounds. Part 1. State of the co-ordination theory. Structural classification of complex compounds. B. F. Ormont. Zhur. neorg. khim. 1 no. 4:864-877 Ap '56.

Copper valence in some of its complex compounds. V. N. Podchainova, E. I. Krylov, D. I. Riabchikov. Zhur. neorg. khim. 1 no. 3:408-411 Mr '56.

Coprecipitation with certain complex compounds obtained by the action of organic precipitants. I. M. Korenman and others. Zhur. neorg. khim. 1 no. 4:863-873 Ap '56.

Electrochemical methods for the preparation of heteropoly compounds. V. I. Spitsyn, K. G. Koneva. Zhur. neorg. khim. 1 no. 5:941-951 My '56.

Formation of a complex compound the fusion of copper sulfate and tellurite. V. S. IAkovleva, B. P. Troitskii. Zhur. neorg. khim. 1 no. 2:257-263 F '56.

Halide complexes of zinc, cadmium, and mercury in aqueous solutions. S. A. Shchukarev, L. S. Lilich, V. A. Latysheva. Zhur. neorg. khim. 1 no. 2:226-231 F '56.

Infrared absorption spectra of some complex organic compounds of aluminum bromide and tin tetrachloride. V. N. Filimonov, A. N. Terenin. Dokl. AN SSSR 109 no. 4:798-801 Ag '56.

Kinetics and mechanism of the formation of a trivalent-chromium complex compound with urea. K. B. IAtsimirskii, E. I. Jasinskiene. Zhur. neorg. khim. 1 no. 3: 436-444 Mr '56.

Methods for the separation of radioactive isotopes with the aid of complexing. N. P. Rudenko. Zhur. neorg. khim. 1 no. 5:1091-1103 My '56.

Once more on the polarographic determination of the composition and stability of complex ions in a solution during stepwise complexing. IA. I. Turian. Zhur. ob. khim. 26 no. 7:2084-2086 Jl '56.

Present state of the theory of complex compounds. Part 2. Certain problems in the energetics and theory of chemical bonds. B. F. Ormont. Zhur. neorg. khim. 1 no. 4:878-886 Ap '56.

Reciprocal effect of groups in the inner sphere of complex compounds. A. A. Grinberg, A. I. Dobrogorskaia. Zhur. neorg. khim. 1 no. 1:42-47 [Jan.] '56.

Rhodanide metal complexes. A. K. Babko. Usp. khim. 25 no. 7:872-903 Jl '56.

Solubility of not readily soluble complex compounds of certain cations formed under the influence of Reinecke salt. I. L. Bagbanly. Dokl. AN Azerb. SSR 12 no. 7: 459-462 '56.

Stepwise complexing. K. B. IAtsimirskii. Zhur. ob. khim 26 no. 7:2063-2064 Jl '56.

Study of selenocyanate complex compounds of certain metals. V. F. Toropova. Zhur. neorg. khim. 1 no. 2: 243-250 F '56.

Use of tracers in the study of the structure of certain aquopoly and heteropoly compounds. V. I. Spitsyn. Zhur. neorg. khim. 1 no. 3:552-564 Mr '56.

COMPOUNDS, COMPLEX—BIBLIOGRAPHY see Bibliography—Compounds, Complex

COMPOUNDS, COMPLEX—SPECTRA

Electron absorption spectra for complex compounds in the crystal state. A. V. Babaeva, R. I. Rudyi. Zhur. neorg. khim. 1 no. 5:921-929 My '56.

COMPOUNDS, HIGH MOLECULAR WEIGHT see High molecular weight compounds

COMPRESSED AIR

Loushkin, B. V. [Compressed air locomotive haulage in Czechoslovak mines] Vozdukhovoznaia otkatka na shakhtakh Chekhoslovakii. Moskva, Ugletekhizdat, 1956. 42p

Upper limit for heating compressed air. A. D. Akimenko. Prom. energ. 11 no. 7:9-10 Jl '56.

Using the heat from compressed air to produce distilled water. Suggestion by L. A. Kossel'. Prom. energ. 11 no. 7:17-18 Jl '56.

COMPRESSORS

Ammonia two-stage compressors. Khol. tekh. 33 no. 3: 74-79 Jl-S '56.

Design of freon piston compressors. L. Mel'tser. Khol. tekh. 33 no. 3:50-54 Jl-S '56.

Direct drive for refrigerator compressors. E. Bezhanishvili. Khol. tekh. 33 no. 3:60-67 Jl-S '56.

Heating the lubricating oil before starting turbocompressors. A. V. Savinov. Energetik 4 no. 9:10-11 S '56.

How to determine and control the play of radial bearings of a compressor crankshaft. S. Aleksandrov. Mins. ind. SSSR 27 no. 4:53 '56.

New compressor units for nitrose gases. I. IU. Sosnovskii. Energomashinostroenie no. 8:24 Ag '56.

Power supply for water-pumping compressor stations in oil fields. V. A. Ruvinskii. Energ. biul. no. 7:5-11 Jl '56.

Rotary compressors for refrigeration plants. V. L. Pokrovskii. Ryb. khoz. 32 no. 8:75-78 Ag '56.

Supercharging in compressor pipeline stations. S. A. Khachaturian. Gaz. prom. no. 9:30-32 S '56.

Superhigh pressure hydraulic compressor with a multistage metal oil seal. R. T. Taiybzade. Trudy Azerb. ind. inst. no. 8:8 7 '54.

COMPRESSORS, AIR see Air compressors

CONCERTS see subdivision under Korea, North; Vietnam, North

CONCRETE

( see also subdivision under Moscow)

Concretes based on local vibration ground binding materials. A. N. Dolgikh. Nov. tekh. i pered. op. v stroi. 18 no. 8:23-26 Ag '56.

Durox gas concrete. Stroi. mat., izdel. i konstr. 2 no. 8: 30 Ag '56.

Effect of vibration on structural and mechanical properties of asphalt concrete as a thixotropic colloidal system. S. K. Noskov, N. V. Mikhailov. Koll. zhur. 18 no. 4:461-467 Jl-Ag '56.

Experience with using the T-105 vibrating machines. N. A. Bashmakov, F. F. Grisiuk. Mekh. stroi. 13 no. 8:25-29 Ag '56.

High-strength fine-grained cement concretes. M. S. Shvartszaid, O. V. Krasnova. Bet. i zhel.-bet. no. 8: 281-284 Ag '56.

Increasing the water resisting property of a mixture of gypsum and concrete by modification of its basic components. N. Skubarenko. Stroi. mat., izdel. i konstr. 2 no. 8:27-28 Ag '56.

Method for preparing rapid hardening concretes. A. B. Vitkup. Bet. i zhel.-bet. no. 8:284-287 Ag '56.

New device for straining wires in the production of prestressed concrete. Arkhit. i bud. 4 no. 1:31 Ja-F '56.

Rapid hardening concrete in mine construction. A. IA. Dementiev. Bet. i zhel.-bet. no. 8:286-289 Ag '56.

Structural properties of concrete prepared by various methods. A. I. Imil'. Bet. i zhel.-bet. no. 9:323-328 S '56.

Using quick-setting cements for determining the twenty-four hour strength of concrete. B. G. Skramtaev, G. I. Gorchakov, A. M. Tarasenko. Stroi. prom. 34 no. 8: 31-32 Ag '56.

Waterproofing of porous concrete. I. T. Kudriashev, B. D. Isiumov. Bet. i zhel.-bet. no. 8:290-293 Ag '56.

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—COLD WEATHER CONDITIONS

Influence of hydrated calcium chloride aluminate compounds on the strength and endurance of cement bricks embedded in concrete. IU. A. Savvina, N. N. Serb-Serbina. Stroi. prom. 34 no. 9:31-36 S '56.

Use of quickhardening concrete under cold weather conditions. V. M. Moskvin, S. N. Korotkov. Stroi. prom. 34 no. 9:27-31 S '56.

CONCRETE—TESTING

Creep under repeated loading and the deformation modulus of concrete. A. E. Sheikin. Trudy MIIT no. 35/86: 110-126 '56.

Determining the tensile strength of concrete. A. D. Osipov. Gidr. stroi. 25 no. 8:28-30 S '56.

Device for approximate determining of strength of concrete details. Bet. i zhel.-bet. no. 8:302-303 Ag '56.

Effect of water saturation on the tensile strength of solidified cement mortar and concrete. M. IU. Leshchinskii. Dokl. AN SSSR 109 no. 3:521-523 Jl '56.

Investigation of the strength of stiff concrete subjected to bending. B. G. Skramtaev, P. F. Shubenkin. Avt. dor. 19 no. 8:14-15 Ag '56.

Some problems of the strength of spongolite concrete [in Georgian with summary in Russian]. D. R. Lomadze. Trudy Inst. stroi. dela AN Gruz. SSR 4:189-219 '53.

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE, REINFORCED see Reinforced concrete

CONCRETE BLOCKS

Industrialization of the production of large blocks. B. Hors'kyi, F. TSalskina, Z. Fel'dshon. Arkhit. i bud. 4 no. 3:15-18 My-Je '56.

Liber, I. S., and M. K. Fedorov. [Concrete sanitary engineering blocks and heating installations] Betonnye sanitarno-tekhnicheskie bloki i nagrevatel'nye pribory. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p.

Standard apartment houses with walls of large concrete blocks. V. TSvik, D. IAblons'kyi. Arkhit. i bud. 4 no. 3:4-8 My-Je '56.

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION
(see also subdivision under Austria; Leningrad; London)

Combined use of shell-slabs and massive concrete construction. V. I. Dolidze. Gidr. stroi. 25 no. 7: 19-21 Ag '56.

Concrete placing methods in the construction of the Kakhovka Hydroelectric Power Station. A. B. Gadzhiev. Gidr. stroi. 25 no. 7:4-9 Ag '56.

Concreting with the use of concrete pumps in constructing the Gorkiy Hydroelectric Power Station. M. A. Lipovetskii. Gidr. stroi. 25 no. 7:9-15 Ag '56.

Discussing the article "Some problems of calculating reinforced concrete elements according to new standards." Bet. i zhel.-bet. no. 8:304 Ag '56.

Notes on the article "Experience with using concrete pumps in building the Gorkiy Hydroelectric Power Station." IA. R. Basser. Gidr. stroi. 25 no. 8:54-55 S '56.

CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

Use of electric heating in concrete work during the winter of 1955-1956. B. V. Mikhailov, V. N. Lemokhov, L. I. Kudolarov. Mekh. stroi. 13 no. 8:20-3 of cover Ag '56.

CONCRETE CONSTRUCTION—FORMWORK

Shelkovnikov, S. G. [Sliding forms] Podvizhnaia opalubka. Izd. 3-e, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 242 p.

CONCRETE CONSTRUCTION—STANDARDS

Review of All-Union State Standard 4266-48 "Plain and reinforced concrete elements for hydraulic structures." G. D. TSiskreli. Gidr. stroi. 25 no. 8:21-24 S '56.

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE FLOORS see Floors, Concrete

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PILING

Sokolov, N. M. [Manual on the preparation of rammed concrete piling] Rukovodstvo po izgotovleniiu nabivnykh betonnykh chastotrambovannykh svai. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 46 p. (Trudy Nauchno-issledovatel'skogo instituta osnovanii i fundamentov)

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SLABS

Akhverdov, I. N., I. M. Ovadovskii, and V. A. Tumanishvili. [Prestressed reinforced concrete floor slabs in the building industry; manufacture and use] Napriazhenno armirovannye plity-nastily v stroitel'stve; izgotovlenie i primenenie. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 96 p.

Letter to the editors. A. A. Zagriazhskii. Gidr. stroi. 25 no. 7:53-54 Ag '56.

Making concrete slabs for stabilizing embankment slopes. V. N. Kutsenko. Transp. stroi. 6 no. 8:16-17 Ag '56.

On the problem of joints between shell-slabs. V. M. Medvedev, A. A. Nikanorov. Gidr. stroi. 25 no. 7:16-18 Ag '56.

Roofs made of slabs and girders. I. L. Zhodzishskii, M. M. Shindnes. Bet. i zhel.-bet. no. 8:296-300 Ag '56.

Some characteristics of panel construction. N. Dobromyslov. Arkhit. SSSR no. 9:24-26 '56.

CONDENSATE OIL WELLS

Study of the behavior of gas-condensate and gas-oil mixture under high pressure. Kh. A. Grigorian. Azerb. neft. khoz. 35 no. 5:15-18 My '56.

CONDENSATION PRODUCTS (CHEMISTRY)

Catalytic hydrocondensation of carbon monoxide with olefins. Part 17. Role of 2-butene in the hydrocondensation with carbon monoxide. IA. T. Eidus, R. I. Izmailov. Izv. AN SSSR. Otd. khim. nauk no. 7:669-672 Jl '56.

Certain reactions for the condensation of esters of aliphatic nitrocarboxylic acids. V. M. Belikov. Izv. AN SSSR. Otd. khim. nauk no. 7:855-862 Jl '56.

Condensation of 1, 3-dichlorobutene-2 with aromatic hydrocarbons in presence of zinc chloride [in Armenian with summary in Russian]. A. A. Durgarian, M. T. Dangian. Nauch. trudy Erev. un. no. 53:33-44 '56.

CONDENSERS (ELECTRICITY)

Conference on capacitor repairing held by the Rostov branch of the Scientific and Technical Power Engineering Society. M. I. Kireev. Prom. energ. 11 no. 7:35-36 Jl '56.

Improving the power factor in the Molotov Meat Combine. V. Tarasova. Mias. ind. SSSR 27 no. 4:51-52 '56.

Use of KBG-MN capacitors to increase the power factor. A. B. Topolianskii. Prom. energ. 11 no. 7:14-15 Jl '56.

CONDENSERS (STEAM)

Device for condensing steam escaping from the separators. A. Protsenko. Molokh. prom. 17 no. 6:27-28 '56.

Eliminating the causes of reduced vacuum in turbine condensers. A. G. Ryss. Energetik 4 no. 8:15-18 Ag '56.

Increasing the watertightness of steam turbine condensers in installations with supercritical pressures and temperatures. L. D. Berman, S. N. Fuks. Teploenergetika 3 no. 8:25-31 Ag '56.

Rate of heat transfer in high-pressure, main ship condensers. V. A. Agafonov. Sudostroenie 22 no. 8:5-7 Ag '56.

Using recarbonization in the working cycle. D. E. Krasnozhen, A. A. Strel'nikova. Elek. sta. 27 no. 8: 48-50 Ag '56.

Water-level regulator in the turbine condenser. A. V. Khovrin. Energetik 4 no. 8:18-20 Ag '56.

CONDENSERS (VAPORS AND GASES)

Nomogram for heat calculations of vertical shell and tube condensers. G. Vikhorev. Khol. tekh. 33 no. 3: 25-28 Jl-S '56.

CONDITIONAL SALES see Sales, Conditional

CONDITIONED RESPONSE

Application of I. P. Pavlov's theory in pedagogy. N. F. Berezkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:83-87 '55.

Chamber for a biochemical study of the brain in rats during conditioned reflex motor-digestive and motor-defense reactions. E. A. Vladimirova. Vop. med. khim. 2 no. 3:229-233 My-Je '56.

Changes in conditioned reflex activity in mice caused by beta and gamma radiation. IE. M. Samundzhan. Fiziol. zhur. [Ukr.] 2 no. 3:144-154 My-Je '56.

Comparative characteristics of conditioned motor reactions to auditory stimuli in man developed on the basis of verbal and olfactory reinforcements. L. A. Chistovich. Fiziol. zhur. 42 no. 7:572-580 Jl '56.

Comparative effect of a preparation of Ginseng and other substances on conditioned reflex food leucocytosis in man. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:100-113 '55.

Comparative role of different analysers in the development of a generalizing effect of words in children. M. M. Koltsova. Vop. psikhol. 2 no. 4:129-134 Jl-Ag '56.

Conditioned reflex changes in the temperature of the udder of goats. A. D. Vladimirova. Dokl. AN SSSR 109 no. 5:1061-1064 Ag '56.

Conditioned response to rhythmical sound and light stimuli. A. I. IEmchenko. Fiziol. zhur. [Ukr.] 2 no. 4:116-126 Jl-Ag '56.

Determination of the minimal length of action of conditioned stimuli in man when stable limits of fine differentiation are maintained. N. G. Mirolliubov, A. IA. Markova. Fiziol. zhur. [Ukr] 2 no. 4:106-115 Jl-Ag '56.

Effect of Ginseng on conditioned reflexes in white mice. I. I. Brekhman. Mat. k izuch. zhen'-shenia i lim. no. 2:124-131 '55.

Effects of higher nervous activity collapse on the weight and structure of the thyroid gland. M. S. Kukhena. Probl. endok. i gorm. 2 no. 2:63-66 Mr-Ap '56.

Effect of some pharmacological substances and their combinations on conditioned reflex food leucocytosis in man. E. E. Belen'kii. Mat. k izuch. zhen'-shenia i lim. no. 2:114-119 '55.

Effect of the higher segments of the central nervous system on the secretion of bile in dogs of various ages. I. A. Medianik. Dop. to pov. L'viv. un. no. 6, pt. 2:31-33 '56.

Estrogen reaction induced by conditioned reflex. P. A. Vunder, V. F. Lapshina. Probl. endok. i gorm. 2 no. 3: 74-80 My-Je '56.

Formation of so-called spontaneous movements in newborn animals. I. M. Vul. Uch. zap. Kiev. un. 13:45-55 '54.

Modifications in the gastric secretory function of dogs during the formation of conditioned reflexes. V. M. Frolov. Fiziol. zhur. 42 no. 7:647-652 Jl '56.

Motor activity of dogs under conditions of successive elimination of peripheral ending of three distance analysers. L. V. Lobanova. Dokl. AN SSSR 109 no. 2:413-416 Jl '56.

Peculiarities in the mastering of elementary algebraic knowledge by students with different typological correlations between the first and second signal system. B. D. Kosov. Vop. psikhol. 2 no. 4:116-120 Jl-Ag '56.

Practices for increasing milk production in swine. V. A. Konlukhova. Svinovodstvo no. 3:43-44 My '56.

Role of the central nervous system in the reaction of blood to ionizing radiation. N. N. Livshits. Biofizika 1 no. 5: 462-462 '56.

Some physiological mechanisms of hardening. P. D. Marchuk. Fiziol. zhur. [Ukr.] 2 no. 3:131-136 My-Je '56.

Studying the dynamics of conditioned reflexes in normal sight and in blindness. B. D. Asafov, V. M. Smirnov. Vop. psikhol. 2 no. 4:66-73 Jl-Ag '56.

What does the conditional reflex method gain for the study of higher nervous activity and is it possible to control such activity? I. S. Rozental'. Nauk. zap. Kiev. un. 8 no. 7:159-169 '49 [1.e. '49].

CONDUCT OF LIFE—BIBLIOGRAPHY see Bibliography—Conduct of life

CONDUCTION OF HEAT see Heat—Conduction

CONDUCTIVITY, ELECTRIC see Electric conductivity

CONDUCTIVITY OF ELECTROLYTES see Electrolytes—Conductivity

CONDUCTOMETRIC ANALYSIS

Amperometric determination of phosphoric acid in the form of o-hydroxyquinoline compounds of phosphomolybdic acid. S. K. Serdiukova. Nauch. zap. LPI no. 20:95-99 '55.

CONFESSION (LAW)

Confession of guilt in Soviet criminal procedure. S. G. Krivitskii. Nauk. zap. L'viv. un. 27:69-78 '54.

CONFORMAL MAPPING

Certain approximations in conformal mapping. IU. V. Blahovashchenn'kyi. Nauk. zap. Kiev. un. 9 no. 9:73-78 '50.

CONGLOMERATE see subdivision under Ural Mountains

CONJUNCTIVITIS
(see also subdivision under Kanibadam)

Some problems in the prevention of epidemic conjunctivitis. E. S. Avetisov. Trudy AN Tadzh. SSR 40:129-135 '55.

Treatment of acute epidemic conjunctivitis. B. M. Shitayn. Sov. med. 20 no. 7:61-62 Jl '56.

CONJUNCTIVITIS, GRANULAR

Comparative rating of the therapeutic effect of sulfanilamide and of a 1% synthomycin emulsion in trachoma. V. B. Gelt. Trudy AN Tadzh. SSR 40:95-107 '55.

Experimental observations on the reproduction of trachoma virus in the bodies of small laboratory animals and a study of their antigenic properties. B. G. Vainberg, E. I. Brutman, F. M. Kostenko. Zhur. mikrobiol. epid. i immun. 27 no. 9:97-102 S '56.

Results of applying a 1% synthomycin emulsion without mechanotherapy in treating trachoma. E. A. Tarpi. Trudy AN Tadzh. SSR 40:109-110 '55.

CONNECTIVE TISSUE

Microscopic anatomy of the connective tissue skeleton of the normal heart. L. D. Krymskii. Arkh. anat., gist. i embr. 33 no. 2:53-59 Ap-Je '56.

CONSCIOUSNESS

Psychopathology of acute nonpenetrating injuries of the skull and brain. A. L. Abashev-Konstantynova'kyi. Fiziol. zhur. [Ukr.] 2 no. 4:43-50 Jl-Ag '56.

CONSERVATION OF BOOKS see Books—Conservation and restoration

CONSERVATION OF PHOTOGRAPHS see Photographs—Conservation and restoration

CONSERVATION OF THE SOIL see Soil conservation

CONSTANTINOPLE see Istanbul

CONSTITUTION see subdivision under China; Korea, North

CONSTITUTIONAL LAW

For genuine scientific treatment of the basic problems in the history of the Soviet state and law. Sov. gos. i pravo no. 6:3-11 '56.

The ideas on constitutional law among the Decembrists. N. S. Prozorova. Sov. gos. i pravo no. 6:81-91 '56.

"The theory of state and law." M. P. Kareva and others. Reviewed by V. I. Popova and others. Sov. gos. i pravo no. 6:125-130 '56.

CONSTRUCTION see Building

CONSTRUCTION INDUSTRY

(see also subdivision under Belgorod Province; Dnepropetrovsk; Donets Basin; France; Germany, West; Kemerovo; Moscow; Novokuybyshevsk; Temir-Tau (Karaganda Province); Ukraine)

Advanced practices introduced. B. Egorov. Stroi. mat., izdel. i konstr. 2 no. 8:19-20 Ag '56.

Builders' Day. Avt. dor. 19 no. 8:8 Ag '56.

Builders' day. Mekh. trud. rab. 10 no. 8:25-27 Ag '56.

Builder's Day. Nov. tekh. i pered. op. v stroi. 18 no. 8: 3-4 Ag '56.

Corrections for "Technical specification for producing and inspecting construction and assembly work." Biul. stroi. tekh. 13 no. 8:37 Ag '56.

Economic obsolescence and the economic efficiency of modern equipment in construction. S. Kantorer. Vop. ekon. no. 9:46-62 S '56.

For a worthy commemoration of Builder's Day. Vod. i san. tekh. no. 8:1-3 Ag '56.

For further development of mass invention and rationalization. Nov. tekh. i pered. op. v stroi. 18 no. 9:3-4 S '56.

Important tasks of builders. Biul. stroi. tekh. 13 no. 8: 1-3 Ag '56.

In honor of "Builder's Day." Sel'. stroi. 11 no. 8:2 of cover Ag '56.

Intensify the construction of cultural and public buildings. Sel'. stroi. 11 no. 8:1 Ag '56.

Letters from readers. Sel'. stroi. 11 no. 8:25 Ag '56.

Methods for increasing labor productivity in construction. I. Z. Barch. Stroi. prom. 34 no. 8:8-13 Ag '56.

People of our district. A. Manevich. Sel'. stroi. 11 no. 8:22-23 Ag '56.

Raise the construction industry to the level of modern demands. Stroi. prom. 34 no. 8:2-5 Ag '56.

Toward new successes in the construction industry. Bet. i zhel.-bet. no. 8:269-270 Ag '56.

What are the results of the dissemination of leading workers' practice. A. Novikov. Sov. profsoiuzy 4 no.

Best instructors in progressive work methods of the Ministry of the Construction Industry of the U. S. S. R. G. I. Polianskii. Nov. tekh. i pered. op. v stroi. 18 no. 8:10-13 Ag '56.

Efficient workers and innovators of the Ministry of the Construction Industry of the U. S. S. R. Nov. tekh. i pered. op. v stroi. 18 no. 8:5-10 Ag '56.

Men who change the face of the earth. A. Levina. Ilnost' no. 9:98-101 S '56.

CONSUMERS' GOODS see Russia—Manufactures

CONTAINER INDUSTRY see subdivision under Canada

CONTAINERS

Abramov, A. P., and M. D. Erlikh. [The economics of container transportation] Ekonomika konteinernykh perevozok. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 95 p.

Automatic can-production line of the Simferopol Plant. V. Ochkin. Mias. ind. SSSR 27 no. 4:18-20 '56.

Trunk for shipping merchandise. M. Bikunov, M. Davidovich. Nov. torg. tekh. no. 3:23 '56.

CONTINUOUS FUNCTIONS see Functions, Continuous

CONTRACTS

Fault as a basis of contractual liability. G. K. Matveev. Nauk. zap. Kiev. un. 7 no. 2:111-138 '48.

Responsibility of machine-tractor stations for the failure to fulfill their contracts with collective farms. V. Z. IAnchuk. Nauk. zap. Kiev. un. 14 no. 7:39-55 '55.

"Standard contracts in international trade on the world's capitalist market" [in Polish]. J. Zielenlewski. Reviewed by I. Pisarets [with summary in English, p. 31]. Vnesh. torg. 26 no. 8:26-27 Ag '56.

The subject of obligation and alternative obligation. S. N. Landkof. Sov. gos. i pravo no. 6:115-119 '56.

CONTROL EQUIPMENT see Automatic control

CONTROLLERS, ELECTRIC see Electric controllers

CONVALESCENCE

Time required for recovering from disability following an appendectomy [with summary in English, p. 100]. L. A. Fotieva. Vest. khir. 77 no. 8:101-107 Ag '56.

CONVERGENCE

Absolute and uniform convergence of expansions in eigenfunctions throughout a closed domain. V. A. Il'in. Dokl. AN SSSR 109 no. 4:690-693 Ag '56.

One convergent process of approximating continuous functions. G. M. Mirak'ian. Dokl. AN Arm. SSR 16 no. 2: 33-37 '53.

Strong convergence of La Vallee-Poussin sums in Orlich spaces. P. G. Skvortsov. Dokl. AN SSSR 108 no. 5:774-776 Je '56.

CONVEYING MACHINERY

Berezin, N. V., and B. IA. Finkel'shtein. [Hoisting and conveying machinery; construction and technology of production] Pod"emno-transportnye mashiny; konstruktsiia i tekhnologiia proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 460 p.

Conveyer belts with flexible rollers. (From foreign journals). V. Karpukhin. TSvet. met. 29 no. 9:93-95 Ag '56.

Conveyer for pipe factories. A. N. IAnishevskii. Vod. i san. tekh. no. 9:1-4 S '56.

Gural'nik, M. I., and S. IA. Mekenitskii. [Roller conveyers; a report] Rolikovye dorozhki; informatsionnoe soobshchenie. Moskva, Gos. izd-vo torgovoi lit-ry,

COOLING TOWERS

Reinforced concrete 94-meter-high cooling tower. (From "Concrete and constructional Engineering" My '56).

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Aktyubinsk; Arzamas Province; Kaluga; Kostroma; Rumania; Sverdlovsk)

Brief news. Prom. koop. no. 8:30 Ag '56.

Brief news. Prom. koop. no. 9:40 S '56.

Broadening the ties between Soviet and British cooperatives. Kooperator. Sov. torg. no. 7:22-24 Jl '56.

Follow-up of material printed in "Promyslovaia Kooperatsiia." Prom. koop. no. 8:40 Ag '56.

Planning and building with foresight. IU. Obrosov. Prom. koop. no. 9:21-22 S '56.

Put an end to lagging in the cooperative industry without delay. Prom. koop. no. 8:1-3 Ag '56.

Reduce the cost of the administrative apparatus and improve its operation. V. Krutov. Prom. koop. no. 9:5-7 S '56.

Statute on cooperative insurance pensions. Prom. koop. no. 9:1-4 S '56.

COOPERATIVE SOCIETIES—CONGRESSES see subdivision under Moscow

COPENHAGEN—CLOTHING INDUSTRY—EXHIBITION

Copenhagen exhibition of clothing. Leg. prom. 16 no. 7: 55 Jl '56.

COPEPODA see subdivision under Bering Sea; Sevan region

COPERNICUS, NICOLAUS, 1473-1543

A. Kauffoldi's works; "Nicolaus Copernicus," "Otto Guericke," and "Leonardo Da Vinci's flying apparatus" [in German]. Reviewed by V. P. Zubov. Vop. ist. est. i tekh. no. 1:302 '56.

COPPER

Copper in the elimination of oxygen from a mixture containing inert gases. N. S. Torocheshnikov and others. Khim. prom. no. 4:224-230 Je '56.

Copper valence in some of its complex compounds. V. N. Podchainova, E. I. Krylov, D. I. Riabchikov. Zhur. neorg. khim. 1 no. 3:406-411 Mr '56.

Iodometric determination of copper by means of basic arsenate. G. B. Shakhtakhtinskii, R. A. Meltkova. Trudy Azerb. ind. inst. no. 8:86-93 '54.

COPPER—ANALYSIS

Volumetric iodatometry for the determination of small quantities of copper. I. L. Bagbanly. Dokl. AN Azerb. SSR 12 no. 9:639-642 '56.

COPPER—ELECTROMETALLURGY

Potential shift in the separation of copper from cupric sulfate in presence of acetylene. A. N. Mamian. Nauch. trudy Erev. un. no. 53:127-135 '56.

COPPER—METALLOGRAPHY

Neutralizing the harmful effect of lead in copper and brasses. M. V. Mal'tsev, V. M. Teplinskaia, M. V. Stepanova. TSvet. met. 29 no. 7:68-72 Jl '56.

COPPER—METALLURGY

(see also subdivision under Irtysh Valley; Kirovgrad)

Aglitskii, V. A. [The manufacture of copper wire bars; theory and practice] Proizvodstvo mednykh varierbarov; teoriia i praktika. Sverdlovsk, Gos. nauchno-tekh. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 287 p.

Copper conversion in a lead smelting plant. V. E. Lunev. TSvet. met. 29 no. 9:48-50 S '56.

Speeding up the bessemer process of converting copper matte by oxygen-enriched air. I. A. Bibina and others. TSvet. met. 29 no. 7:10-17 Jl '56.

Treatment of zinc containing copper concentrates in converters. A. A. Babadzhan. TSvet. met. 29 no. 8:45-50 Ag '56.

COPPER—SPECTRA

Absorption spectra produced by copper ions. L. K. Klimovskaia, V. V. Turkevich. Dop. ta pov. L'viv. un. no. 5, pt. 2:77-78 '55.

COPPER ALLOYS

Professor A. M. Bochvar's role in the creation of modern copper base alloys. A. P. Smirlagin. Issl. splav. tsvet. met. no. 1:16-19 '56.

COPPER ALLOYS—METALLURGY

Effect of various addition agents on the protection of copper from oxidation at high temperatures. M. V. Zakharov, T. V. Kalinina. Issl. splav. tsvet. met. no. 1: 111-116 '55.

COPPER-ALUMINUM-IRON ALLOYS—METALLOGRAPHY

Investigation of the equilibrium diagram of the system copper-aluminum-iron. V. D. Turkin, R. G. Bakhvalova. Issl. splav. tsvet. met. no. 1:98-105 '55.

CORN BREEDING (Continued)

Organize detasseling properly on corn hydridization plots. G. S. Gateev. Kukuruza 1 no. 3:6-10 Je '56.

Organized production of hybrid seed corn. B. P. Sokolov. Kukuruza 1 no. 2:16-21 My '56.

Organizing crews for detasseling. N. S. Tverdokhleb. Kukuruza 1 no. 3:13-14 Je '56.

CORN BREEDING—STUDY AND TEACHING

Correspondent course for young corn growers. Kukuruza 1 no. 3:61-62 Je '56.

CORN OIL

Production of corn oil. I. A. Minkevich. Kukuruza 1 no. 3:40-41 Je '56.

CORN PICKER (MACHINERY) see subdivision under United States

CORONA (ELECTRICITY)

Reactive effect of alternating-current corona. V. I. Levitov, V. I. Popkova. Elektrichestvo no. 7:24-29 Jl '56.

CORONA, SOLAR see Sun—Corona

CORONARY ARTERIES—DISEASES

Experimental study of the pathogenesis of hypertension and coronary insufficiency. G. O. Magakian, D. I. Mimoshvili, G. IA. Koksia. Klin. med. 34 no. 7:30-38 Jl '56.

Morphology and morphogenesis of coronary atherosclerosis and its role in the development of secondary myocardial changes. K. G. Volkova. Klin. med. 34 no. 5:12-18 My '56.

Pathological anatomy and pathogenesis of acute coronary insufficiency. A. V. Smol'iannikov. Klin. med. 34 no. 7:40-46 Jl '56.

Stenosing atherosclerosis of the cardiac vessels in subjects of the younger age group. V. IA. Lipets. Klin. med. 34 no. 5:84-87 My '56.

Treatment with small doses of thyroxin for thyroid hypofunction complicated by coronary atherosclerosis. V. L. Baranov, V. M. Dil'man. Probl. endok. i gorm. 2 no. 1: 13-19 Ja-F '56.

CORPULENCE

Podrez, N. A. [The use of physical exercise and massage in the treatment of obesity] Primenenie fizicheskikh uprazhnenii i massazha pri ozhirenii. Moskva Gos. izd-vo med. lit-ry, 1956. 73 p.
DAFM

CORPUS CHRISTI—WATER—PURIFICATION

Control system for the new water filtration station in Corpus Christi (USA). D. N. Smirnov. Vod. i san. tekh. no. 7:33-35 Jl '56.

CORPUS JURIS CIVILIS

Pereterskii, L.S. [The Digest of Justinian; sketches of the history of their compilation and general characteristics] Digesty IUstiniana; ocherki po istorii sostavleniia i obshchaia kharakteristika. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 128 p.

CORRESPONDENCE SCHOOLS AND COURSES

Captain's daughter. Mikh. Zlatogorov. Ogonek 34 no. 36:7-8 S '56.

Follow-up on our publications. Mol. komm. 14 no. 8: 79 Ag '56.

Higher veterinary education through correspondence courses. Veterinariia 33 no. 10:22 O '56.

Increase the correspondence-school training of engineers A. Nikitin. Avt. transp. 34 no. 8:25 Ag '56.

The organized forms of education by correspondence. M. S. Volchkova, N. P. Gorovaia. Sred. spets. obr. no. 9: 46-49 S '56.

CORROSION, ELECTROLYTIC see Electrolytic corrosion

CORROSION AND ANTICORROSIVES

Anticorrosion protective device against gas combustion products in gas water heaters. K. K. Knapp, B. A. Epshtein. Gor. khoz. Mosk. 30 no. 7:11-13 Jl '56.

Composition of photographically active particles liberated from metals by atmospheric corrosion. I. L. Rotkh. Dokl. AN SSSR 108 no. 6:1102-1105 Je '56.

Conference on corrosion prevention problems. N. TS. Azerb. neft. khoz. 35 no. 5:36 My '56.

Correlation of polarization and optical resistances in local elements active under thin electrolyte layers. I. L. Rozenfel'd, T. I. Paviuiskaia. Zhur. fiz. khim. 30 no. 6:1427-1428 Je '56.

Corrosion of arsenic-soda apparatus of desulfurating installations. I. A. Levin, A. V. Avdeeva, N. P. Kovalenko. Khim. prom. no. 4:237-239 Je '56.

Corrosion of chemical apparatus and corrosion-resistant materials." I. IA. Klinov. Reviewed by G. Sagalaev, B. Kruchinin. Khim. prom. no. 3:190 Ap-My '56.

Corrosion of chemical apparatus by an aqueous solution of monoethanolamine. M. L. Rutkovskii. Khim. prom. no. 3:153-156 Ap-My '56.

Corrosion of primary gas coolers. N. Kh. Cherkasov, T. S. Shapko, M. A. Shiroglazova. Koks i khim. no. 5: 45-48 '56.

Field tests of piles, zinc-coated by the thermal diffusion method, in piers in the Caspian Sea. A. P. Buzdakov, V. F. Negreev, A. A. Farkhadov. Azerb. neft. khoz. 35 no. 4:17-18 Ap '56.

Method for restoring corroded standard gas meters. V. I. Voronin. Gaz. prom. no. 10:27-29 O '56.

CORTICOSTERONE

Effect of cortisone and desoxycorticosterone on protein metabolism. M. B. Lebedeva. Vop. med. khim. 2 no. 4:278-286 Jl-Ag '56.

CORTISONE

Dependence of the hexokinase-inhibiting properties of the plasma $\beta$-lipoprotein fraction on cortisone and insulin. V. S. Il'in, G. V. Titova. Vop. med. khim. 2 no. 4:243-251 Jl-Ag '56.

Effect of ACTH and of cortisone on the development of experimental toxic edema of the lung in rats. N. P. Smirnov. Probl. endok. i gorm. 2 no. 1:75-78 Ja-F '56.

Effect of cortisone and desoxycorticosterone on protein metabolism. M. B. Lebedeva. Vop. med. khim. 2 no. 4:278-286 Jl-Ag '56.

Effect of cortisone on the ACTH content in the pituitary in rats. N. V. Mikhailova. Probl. endok. i gorm. 2 no. 1: 79-81 Ja-F '56.

CORUNDUM

Corundum balls for mills. (From "Transactions British Ceramic Societies" no. 1, 1955). Stek. i ker. 13 no. 8:32 Ag '56.

CORYNEBACTERIUM

Carrying Corynebacterium in a group of children and methods for hygienic treatment in the children's throats and indoor air. A. I. Bunte. Gig. i san. 21 no. 9:93-94 S '56.

CORYNEBACTERIUM DIPHTHERIA

Experimental study on the effect of microbial autolysate on the activity of Corynebacterium diphtheriae and toxin; author's abstract. IU. M. Mikhailova. Zhur. mikrobiol., epid. i immun. 27 no. 8:47-48 Ag '56.

COSMETICS

Review of magazine articles on the oil, fat, perfume and cosmetics industries. Masl.-zhir. prom. 22 no. 6: 36-37 '56.

COSMIC RAYS

A case of outbursts in the intensity of cosmic rays. D. D. Krasil'nikov, A. I. Kuzmin, IU. G. Shafer. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1:42-47 '55.

Correlation of semidiurnal variations in the intensity of the hard component of cosmic rays with semidiurnal fluctuations of barometric pressure. A. I. Kuz'min, G. V. Skripin. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1: 23-26 '55.

Daily effect of the intensity of the hard component of cosmic rays in cloudy and clear weather. D. D. Krasil'nikov. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1:19-22 '55.

Daily variations in the global intensity of the hard component of cosmic rays based on data on the Yakutsk Station. A. I. Kuzmin. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1:11-18 '55.

Effect of seasons on the intensity of the hard component of cosmic rays. V. D. Sokolov, IU. G. Shafer. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1:5-10 '55.

Energy spectrum of $\pi$-mesons produced by cosmic rays in photographic emulsions. A. A. Varfolomeev and others. Zhur. i teor. fiz. 30 no. 6:1164-1166 Je '56.

A great outburst of cosmic ray intensity on February 23, 1956 as observed in Moscow, Sverdlovsk, Tbilisi and on Cape Schmidt. L. I. Dorman and others. Dokl. AN SSSR 108 no. 5:809-812 Je '56.

Increasing the efficiency of continuous registration of the intensity of cosmic rays by self-quenching counters. A. V. IArygin. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1: 55-60 '55.

Monthly and semimonthly variations in the intensity of cosmic rays. A. I. Kuz'min, G. V. Skripin. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1:27-32 '55.

New kind of celestial energy. M. R. V zashch. mira no. 64:36-40 S '56.

Spectrum and meteorological effect of ionization bursts. D. D. Krasil'nikov, S. I. Nikol'skii. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1:48-54 '55.

Variations in the intensity of the hard component of cosmic rays traversing air-mass fronts. D. D. Krasil'nikov, IU. G. Shafer. Trudy lak. fil. AN SSSR, Ser. fiz. no. 1:33-41 '55.

COSMOGONY

Kant's cosmogonical hypothesis and its place in the history of the natural sciences. V. F. Asmus. Vop. ist. est. i tekh. no. 1:34-43 '56.

COSSACKS

Kubanskii, Fedor. [We won't forget! We won't forgive] In the Valley of Death] Ne zabudem! Ne prostim; v Doline Smerti. Paterson, N. J., 1956. 39 p.

COST AND STANDARD OF LIVING

Growth of real income of the population of the U. S. S. R. in the postwar period. A. Vikent'ev. Sots. trud. no. 8: 109-118 Ag '56.

In the interest of truth. Vaem. prof. dvizh. no. 8:9-13 Ag '56.

COSTS, INDUSTRIAL see subdivision under Bashkiria

COSTS, INDUSTRIAL—STATISTICS

Calculating the economy obtained from reducing production costs. IA. Kabachnik. Vest. stat. no. 4:49-59 Jl-Ag '56.

COSTUME, RUMANIAN

How to make a Rumanian folk costume. V. Sokolovskaia. Klub 6 no. 9:25 S '56.

COTTON, EUGENIE, 1861-

Eugenie Cotton. L. Petrova. Sem'ia i shkola 11 no. 10: 13 O '56.

Our friend Eugenie Cotton. Lidiia Petrova. Krest'ianka 36 no. 10:8 O '56.

People in the news. Nov. vrem. 14 no. 41:30-31 O '56.

COTTON

Biological importance of cotyledon leaves in the ontogenesis of the cotton plant. D. V. Ter-Avanesian, I. V. Gausman. Dokl. AN SSSR 109 no. 5:1045-1048 '56.

Carbohydrate metabolism in cotton fiber in relation to certain cultivation practices. N. P. Krivkina. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:50-54 '55.

Delayed application of nitrogen fertilizers to cotton. P. V. Protasov, N. M. Eidel'nant. Ud. i ur. 1 no. 7:58-62 Jl '56.

Effect of certain cultivation factors on the quality of cotton fibers. M. K. Aleksandrov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:95-103 '56.

Effect of nitrogen and phosphate application before planting on the ripening period of cotton. V. F. Shchegiova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:101-104 '55.

Effectiveness of fertilizers when applied to cotton on saline soils. N. P. Malinkin. Ud. i ur. 1 no. 8:31-34 Ag '56.

Method for determining ascorbic acid in colored plant extracts. L. G. Bregeteova. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:85-88 '55.

COTTON—DISEASES AND PESTS

Mercaptophos for the protection of cotton plants. R. N. Anaian, V. A. Chilingarian. Zashch. rast. ot vred. i bol. 1 no. 2:29-30 My-Je '56.

COTTON—DRYING

Centralized drying and ginning of raw cotton. S. D. Rodichev. Tekst. prom. 16 no. 8:4-6 Ag '56.

COTTON—HARVESTING see subdivision under Uzbekistan

COTTON—VARIETIES

(see also subdivision under Yugoslavia)

Fine-fiber cotton varieties developed by the Ioloman Experiment Station. Nauka i pered. op. v sel'khoz. no. 8:46 Ag '56.

Results of experiments with new cotton varieties. G. Borisov. Khlopkovodstvo 6 no. 8:33-36 Ag '56.

COTTON BREEDING

Basic methods in cotton breeding. B. Straumal. Khlopkovodstvo 6 no. 8:28-32 Ag '56.

Cotton hybrids with characters of two paternal forms. Ruzica Glavinic. Izv. AN SSSR. Ser. biol. no. 4:136-138 Jl-Ag '56.

Seed covering as a method for increasing cotton crop yields. V. E. Shcheglova. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:3-7 '52.

COTTON GINS AND GINNING

Centralized drying and ginning of raw cotton. S. D. Rodichev. Tekst. prom. 16 no. 8:4-6 Ag '56.

COTTON GROWING

(see also subdivision under Egypt; Fergana; Gissar Valley; Kara-Kalpak; Karakhstan; Leninabad Province; Surkhan-Darya Province; Tajikistan; Uzbekistan; Vekhsh Valley)

Action of oxidation-reduction processes in cotton in relation to ethylmercuric chloride treatment of seeds before planting. N. P. Lebedeva. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:33-38 '55.

Beliakova, L. P. [The significance of alfalfa in irrigated cotton farming] Znachenie liutserny v oroshaemom khlopkovodstve. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1952. 15 p. (Nauchno-populiarnaia biblioteka, no. 7)
(DA)

Brief news. Khlopkovodstvo 6 no. 8:64 Ag '56.

Effectiveness of narrower rows and cross-cultivation of cotton. B. Shamsiddinov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:39-58 '55.

Kravets, L. A. [For high cotton yields] Za vysokii urozhai khlopka. Stalinabad, Tadzhikgosizdat, 1954. 51 p.
(DS)

Liakhovskii, M. I. [A collective farm of leading cotton growers] Kolkhoz masterov vysokikh urozhaev khlopka. Tashkent, Gos. izd-vo UzSSR, 1956. 19 p.
(DA)

COTTON GROWING (Continued)

Methods and periods of initial irrigation of cotton. A. A. Ponomarenko. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:133-142 '55.

New chemicals compounds for defoliating cotton plants. K. Mamaev. MTS 16 no. 9:44 S '56.

New method for planting cotton. IA. D. Nagibin, B. Arabov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:13-21 '55.

Put all efforts into the struggle for high yields of cotton. Khlopkovodstvo 6 no. 8:1-4 Ag '56.

Shilov, I.A. - [Method of calculating production costs on collective farms] Metodika ischisleniia sebestoimosti produktsii khlopkoseiushchikh kolkhozov. Tashkent, Izd-vo Akademii nauk UzSSR, 1955. 28 p.

Simultaneous fertilizing and planting of cotton. Kh. I. Rashidov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14: 85-94 '56.

Soveshchanie rabotnikov khlopkovodstva respublik Srednei Azii, Zakavkaz'ia i Kazakhskoi SSR, Tashkent, 1954. [Conference of cotton growers of the republics of Central Asia, Transcaucasia, and Kazakhstan held in Tashkent, November 17-20, 1954] Soveshchanie rabotnikov khlopkovodstva respublik Srednei Azii, Zakavkaz'ia i Kazakhskoi SSR, v Tashkente 17-20 noiabria 1954 g. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 340 p.

Studying the biology of cotton on the basis of varied density of stand. M. Dzhumaev. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:111-117 '55.

COTTON MANUFACTURE

Nikiforov, S.I. [The planning of cotton weaving factories] Proektirovanie khlopkotkatskikh fabrik. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 277 p.

COTTON-PICKING MACHINERY

Some problems in the preparation for the machine harvesting of cotton. D. Derbaremdiker. Khlopkovodstvo 6 no. 8:39-44 Ag '56.

COTTON TRADE

Conflicts in the cotton market. Mozhdunar. zhizn' no. 9: 128-129 S '55.

COTTON WEAVING

Markov, N.F., D.G.Luzhetskii, and B.I.Isurin. [Design, assembly and adjustment of multiple shuttle turret looms in the cotton weaving industry] Ustroistvo, montazh i naladka mnogochelnochnykh revol'vernykh tkatskikh stankov khlopchatobumazhnoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 218 p.

COTTONSEED

Methods for centralized disinfection of cottonseed. A. A. Babaian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 9 no. 8:67-77 Ag '56.

COUGH

Cough in children. A. A. Efimova. Zdorov'e 2 no. 9: 19-20 S '56.

Mechanism of air expulsion in coughing. I. T. Chebotarev. Veterinariia 33 no. 10:73-74 O '56.

COUNTING DEVICES

Automatic machine-part production counters on automatic lathes and other metal-cutting machines. A.I.Kuznetsov, D. A. Simonov. Priborostroenie no. 9:11 S '56.

Device for counting mail bags on a conveyer. Vest. sviazi 16 no. 8:31 Ag '56.

COUPLINGS

Couplings for auxiliary mechanisms. A. P. Tiutrin. Elek. sta. 27 no. 7:52-53 Jl '56.

COURTS—STATISTICS see Judicial statistics

COW BARNS see Dairy barns

COWS

Center for artificial insemination of cows servicing several collective farms. D. S. Moroz. Veterinariia 33 no. 10:80-82 O '56.

Conception rate of cow inseminated with frozen semen. A. I. Korotkov. Sots. tvar. 28 no. 9:41-43 S '56.

Morphology of lactation and formation of fat in cows during various stages of pregnancy. G. G. Tiniakov. Biul. MOIP. Otd. biol. 61 no. 3:107-108 My-Je '56.

Studying the sweat glands in cattle in relation to milk production. N. A. Kravchenko, A. G. Beznosenko, M. A. Liubashenko. Nauk. zap. Kiev. un. 8 no. 7:217-230 '50 [i.e. '48].

COWS—DISEASES AND PESTS

New achievements in treating post partum endometritis in cows. V. Baranov. Sovkhoz. proizv. no. 9:72-73 S '56.

COWS—FEEDING AND FEEDING STUFFS

Experience in raising first calving cows of high productivity. D. Obukhova. Izv. TSKhA no. 1:161-170 '56.

Protein nutrition of pregnant cows. V. M. Dzhubanov. Sots. tvar. 28 no. 9:33-34 S '56.

COYPU

Feeding habits of the fox (Vulpes vulpes L.) in the Kuban reed swamps of the Azov region inhabited by the coypu (Myocastor coypu Mol.) [with English summary in insert]. M. P. Pavlov, I. B. Kirin, Zool. zhur. 35 no. 6: 897-907 Je '56.

CRAB FISHERIES

During the crabbing season. P. TSyganok. Mol. komm. 14 no. 9:49 S '56.

CRABS

(see also subdivision under Western)

Excitability of a nerve in the crab Ilyas coaretatus induced by changing the distance between electrodes. D. L. Rozental', E. A. Shapiro. Dokl. AN SSSR 108 no. 5:977-980 Je '56.

CRACKING PROCESS

Characteristics of active centers of aluminum silicate catalysts and the kinetics of catalytic cracking of hydrocarbons. G. M. Panchenkov. Trudy MNI no. 16:195-212 '56.

Effect of various factors on the output of thermal cracking products. M. D. Tilicheev, K. I. Zimina. Khim. i tekh. topl. no. 8:23-31 Ag '56.

Investigation of the cracking of cumene on an aluminium silicate catalyst enriched with deuterium. G. M. Panchenkov, Z. V. Grigznova, V. M. Emel'ianova. Dokl. AN SSSR 109 no. 2:326-328 Jl '56.

Kinetics and mechanism of the degradation of hydrocarbons. Part 3. Initiation of the cracking of butane by azomethane additions. A. D. Stepukhovich, E. E. Nikitin. Zhur. fiz. khim. 30 no. 6:1291-1296 Je '56.

New process for cracking heavy petroleum residues (from "Petroleum Engineer," July, 1955). M. Khmel'nitskii. Azerb. neft. khoz. 35 no. 4:28 Ap '56.

Operation of a regenerator of a catalytic cracking installation. TS. A. Bakhshiian. Neft. khoz. 34 no. 7:47-49 Jl '56.

Rapid assembly of cracking installation. L. M. Fel'dshtein. Stroi. pred. neft. prom. 1 no. 7:19-24 S '56.

Study of the pentane-pentene fraction of thermal cracking. IU. G. Mamedaliev and others. Dokl. AN Azerb. SSR 12 no. 9:623-628 '56.

Using cracking residues as material for secondary cracking. T. S. Minasian and others. Azerb. neft. khoz. 35 no. 4:19-22 Ap '56.

Ways for improving the operation of thermal cracking assemblies. I. S. Zhukov, T. S. Minasian, P. V. Ovsiannikov. Azerb. neft. khoz. 35 no. 6:46-48 Je '56.

CRANE FLIES

(see also subdivision under Soviet Central Asia; Tajikista

Full-winged form of Tipula (Vestiplex) opilionimorpha Sav. (Diptera, Tipulidae). E. N. Savchenko. Ent. obozr. 35 no. 1:124-129 '56.

New species of crane flies (Diptera, Tipulidae) in the U.S.S.R. E. N. Savchenko. Nauk. zap. Kiev. un. 13 no. 12:109-132 '54.

CRANES (BIRDS)

Flight of gray cranes. A. S. Rak, S. F. Afanas'ev. Priroda 45 no. 9:126 S '56.

CRANES, DERRICKS, ETC.

(see also subdivision under Germany, West)

Attachment for the stump-pulling crane to overcome frozen ground on hydropeat fields. N. A. Safonov, S. M. Bellachkov. Torf. prom. 33 no. 8:36 '56.

The "BKSH-22, 6" tubular tower crane. I. Krichker, V. Platonov. Arkhit. i bud. 4 no. 1:10-21 Ja-F '56.

Crane trolleys with a reduced number of pulley-block branches. A. B. Vernik. Vest. mash. 36 no. 9:3-11 S '56.

Dismountable-rotary crane for precast concrete housing construction. Gor. khoz. Mosk. 30 no. 7:39 Jl '56.

A gantry crane made of two derricks. I. Krichker, V. Platonov. Arkhit. i bud. 4 no. 3:21-22 My-Je '56.

Load loops for cranes. B. S. Koval'skii. Vest. mash. 36 no. 8:22-24 '56.

Method of calculating load limiters for mobile derrick cranes with interchangeable booms. M. G. Lobanovskii. Stroi. i dor. mashinostr. no. 7:7-10 Jl '56.

Modernized K-7 crane. V. Tatarinov and others. Les. prom. 34 no. 9:14-18 S '56.

New construction cranes for assembling precast reinforced concrete elements. V. I. Poliakov, L. G. Fokht. Biul. stroi. tekh. 13 no. 8:3-8 Ag '56.

Nomogram for calculating the forces at work in lifting supports with a luffing boom. I. S. Batkhon. Elek. sta. 27 no. 7:47-49 Jl '56.

Operational inadequacies of bridge cranes. L. M. Krasnov. Mekh. trud. rab. 10 no. 9:43-44 S '56.

Small-size jib crane. V. Gusev. Sel'. stroi. 11 no. 8: 14-16 Ag '56.

Soviet self-propelled cranes [with summary in English]. IA. Kantsel'. Vnesh. torg. 36 no. 9:19-23 S '56.

Unloading and setting up a 150-ton generator stator by means of two cranes with capacities of 100 tons and 20 tons. G. M. Smirnov. Energetik 4 no. 8:22-24 Ag '56.

Using cranes in constructing buildings for hydroelectric power stations. A. A. Bardyshev. Mekh. stroi. 13 no. 8:20-25 Ag '56.

Using E-505 crawler cranes for loading logs. R. M. Sazonov. Les. prom. 34 no. 9:18-19 S '56.

CRANIUM see Skull

CRANKS AND CRANKSHAFTS—REPAIRING

Repairing a broken diesel crankshaft. G. S. Lopotan. Energetik 4 no. 8:20-21 Ag '56.

CREAM

Cream refrigerator. S. Medvedev. Moloch. prom. 17 no. 6:38 '56.

CREATINE

Creatinuria in nonpregnant and pregnant rats following ionizing irradiation. Z. N. Zhukhova, A. D. Braun. Med. rad. 1 no. 3:80-85 My-Je '56.

Effect of physical exercise on creatinuria in children. A. M. Alekseeva, N. M. Timofeeva. Vop. med. khim. 2 no. 3:198-202 My-Je '56.

CREDIT

(see also subdivision under Czechoslovakia)

From our readers' letters. Den. i kred. 14 no. 8:48-52 S '56.

Usoskin, M.M. [Organization and planning of short-term credit] Organizatsiia i planirovanie kratkosrochnogo kredita. Izd. 2-oe, perer. Moskva, Gosfinizdat, 1956. 350 p.

CREDIT, AGRICULTURAL see Agricultural credit

CREEP OF MATERIALS

Creep under repeated loading and the deformation modulus of concrete. A. E. Sheikin. Trudy MIIT no. 65/80: 110-126 '56.

CREEP OF METALS

Problem of creep in bearing alloys. M. E. Drits, N. V. Dokukina. Issl. splav. tsvet. met. no. 1:71-80 '56.

CREPE PAPER

Manufacture of crepe paper. IU. P. Ivanitskii. Bum. prom. 31 no. 8:19-20 Ag '56.

CRESOL

Chloromethylation of certain *p*-cresol esters [in Armenian with summary in Russian]. A. A. Arutan, S. G. Tiuntan, G. A. Arzoian. Nauch. trudy Erev. un. no. 53:45-51 '56.

Thermal polymerization of allyl phenol ethers. R. A. Ibadullin, A. A. Shamsharin. Dokl. AN Tadzh. SSR no. 1: 8-12 '61.

CRIMEA—AMMONOIDEA

Drushchits, V.V. [Lower Cretaceous ammonites of the Crimea and the Northern Caucasus; Lytoceratidae, Tetragonitidae and Phylloceratidae] Nizhnemelovye ammonity Kryma i Severnogo Kavkaza; litoceratidy, tetragonitidy i filloceratidy. [Moskva] Izd-vo Moskovskogo univ., 1956. 149 p.

CRIMEA—BATHING BEACHES

The sun, oxygen, and water. Mykola Daniikiiav. Ukraina no. 10:30-31 O '56.

CRIMEA—CABBAGE

Growing winter cabbage in the Crimea. M. V. Hacva. Sad i og. no. 8:27-28 Ag '56.

CRIMEA—CLIMATOLOGY

Historical study of the climate of Crimea. A. A. Borisov. Trudy Ukr. NIGMI no. 3:80-91 '55.

CRIMEA—EXCAVATIONS (ARCHAEOLOGY)

Polish archaeologists in the Crimea. Slaviane no. 10: 02 O '56.

CRIMEA—FARM MECHANIZATION—STUDY AND TEACHING

Production practice in the fields. F. Voloshin. Prof.-tekh. obr. 13 no. 7:22-23 Jl '56.

CRIMEA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Thanetian stage of West Crimea. M. E. Zubkovich. Dokl. AN SSSR 108 no. 5:926-922 Je '56.

CRIMEA—LAVENDER (PLANT)

Lavender is eaten up by deer. R. I. Nevstrueva, D. F. Sikurat. Priroda 45 no. 9:116-117 S '56.

CRIMINAL EVIDENCE see Evidence, Criminal

CRIMINAL INVESTIGATION

Following burglars' traces. O. Kirillov. Sov. Soiuz no. 10:33-35 O '56.

Peoples's investigating judge. M. Bury. Belarus' 13 no. 9:21-22 S '56.

Some problems concerning preliminary investigation in the all-Union code of criminal procedure. I. A. Gelfand. Nauk. zap. Kiev. un. 7 no. 2:45-70 '48.

CRIMINAL LAW

(see also subdivision under Bulgaria; Kazakhstan)

The criminal object in Soviet criminal law. B. S. Nikiforov. Sov. gos. i pravo no. 8:00-00 '56.

CRIMINAL LAW (Continued)

Interpretation of criminal law. M. D. Shargorodskii. Uch. zap. Len. un. no. 106:278-331 '48.

Is the application of analogy by the courts a source of Soviet criminal law? IA. M. Brainin. Nauk. zap. Kiev. un. 7 no. 2:29-44 '48.

Problems of crime and punishment in A. I. Hertzen's works. IA. M. Brainin. Nauk. zap. Kiev. un. 14 no. 7: 77-96 '55.

Role of Soviet criminal legislation in maintaining the economic base of the U. S. S. R. P. S. Maiyshevskii. Nauk. zap. Kiev. un. 14 no. 7:97-115 '55.

Role of Soviet criminal legislation in the consolidation of a socialist base. IA. M. Brainin. Nauk. zap. Kiev. un. 13 no. 5:95-115 '54.

Soviet criminal law during the Patriotic War. B. S. Man'kovskii. Uch. zap. Len. un. no. 106:332-347 '48.

Strengthening socialist legality and some problems in the theory of Soviet criminal law and procedure. A. A. Piontkovskii, V. M. Chkhikvadze. Sov. gos. i pravo no. 4:26-38 '55.

CRIMINAL LAW—HISTORY AND CRITICISM

Remarks on Docent IA. M. Brainin's lectures on Soviet criminal law. S. M. Gofman. Nauk. zap. L'viv. un. 27:162-165 '54.

CRIMINAL LAW—PERIODICALS see subdivision under Bulgaria

CRIMINAL PROCEDURE

"Instituting suit in Soviet criminal procedure." R. D. Rakhunov. Reviewed by I. I. Martinovich. Sov. gos. i pravo no. 4:148-151 '56.

Limits of judicial review of criminal cases in cassation and appellate procedures. T. V. Al'shevskii. Sov. gos. i pravo no. 6:70-80 '56.

Moscow. Universitet. Kafedra ugolovnogo protsessa. [Manual study methods for practice exercises on the topics "Indictments" and "Cognizance"] Uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po temam: "Predanie sudu" i "Podsudimost'." Moskva, 1955. 22 p.

Russia (1923- U.S.S.R.) Laws, statutes, etc. [Principles of criminal procedure of the Soviet Union and the Union republics] Osnovy ugolovnogo sudoproizvodstva Soiuza SSR i soiuznykh respublik. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 14 p.

CROATIAN DRAMA—HISTORY AND CRITICISM

L. N. Tolstoi's "Power of darkness" and Croatian drama at the beginning of the 20th century. J. M. Badalic. Izv. AN SSSR, Otd. lit. i iaz. 15 no. 4:330-335 Jl-Ag '56.

CROP ROTATION see Rotation of crops

CROPS AND CLIMATE

Protecting farm crops from frosts. I. A. Gol'tsberg. Meteor. i gidrol. no. 7:3-7 Jl '55.

CROSSWORD PUZZLES

Crossword. Smena 33 no. 11:24 Je '56.

CROWFOOT

Evolution of nectaries in actinomorphic plants of the crowfoot family. Anna Ivanova. Dokl. AN Arm. SSR 9 no. 5:213-217 '48.

[illegible]LOGY

poisoning showing clinical aspects of ase." Reviewed by M. D. Polykovskii. 9:85-86 S '56.

ransactions British

CRYSTALLIZATION

Dantlov, V. I. [Structure and crystallization of liquids; selected articles] Stroenie i kristallizatsiia zhidkosti; izbrannye stat'i. Pod red. V. G. Kurdiumova. Kiev, Izd-vo Akademii nauk UkSSR, 1956. 566 p.

Increasing the yield of naphthalene during the crystallization of the naphthalene fraction. G. V. Kopelevich. Koks i khim. no. 6:49-50 '56.

CRYSTALLOCHEMISTRY

M. V. Lomonosov and concepts of modern crystallochemistry. T. N. Agafonova. Nauk. zap. Kiev. un. 12 no. 4:97-105 '53.

CRYSTALLOGRAPHY

Basic principles of the triadic theory of twin crystals and some conclusions. L. A. Vardaniants. Dokl. AN Arm. SSR 11 no. 3:87-92 '49.

Role of multiple twinning in crystal structure. L. A. Vardaniants. Dokl. AN Arm. SSR 15 no. 5:139-142 '52.

Shafranovskii, I. I. [Crystallography of rounded diamonds] Kristallografiia okruglykh almazov. Leningrad, Izd-vo Leningradskogo gos. univ., 1949. 126 p. (NN)

CRYSTALLOGRAPHY, MATHEMATICAL

Crystallization equations. IU. V. Grdina, L. A. Elisseeva. Dokl. AN SSSR 109 no. 3:565-568 Jl '56.

Excited states and optical transformations in two-electron color centers. O. F. Tomasevich. Nauk. zap. Kiev. un. 14 no. 8:33-46 '55.

Multielectron consideration of the motion of electrons in excited crystals. T. I. Kucher, K. B. Tolpygo. Nauk. zap. Kiev. un. 14 no. 8:21-32 '55.

CRYSTALS

Polarization of the ionic shift in complex ionic crystals. A. E. Glauberman. Dop. ta pov. L'viv. un. no. 5, pt. 2: 71-73 '55.

CUCKOOS see subdivision under Balshov region

CUCUMBERS—DISEASES AND PESTS

Powdery mildew of cucumbers in greenhouses and hotbeds. E. A. Osnitskaia. Sad i og. no. 9:16-18 S '56.

CULTURE

(see also subdivision under Asia; Canada; China; France; Germany, East; Kazakhstan; Kara-Kalpak; Russia)

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Construction of cultural facilities in the U. S. S. R.; a statistical compendium] Kul'turnoe stroitel'stvo SSSR; statisticheskii sbornik. Moskva, Gos. statisticheskoe izd-vo, 1956. 331 p.

CULTURES, BACTERIAL see Bacteriology—Cultures and culture media

CUMBERLAND DISEASE see Anthrax

CUMENE

Investigation of the cracking of cumene on an aluminium silicate catalyst enriched with deuterium. G. M. Panchenkov, Z. V. Griaznova, V. M. Emel'ianova. Dokl. AN SSSR 109 no. 2:325-328 Jl '56.

Study of the distribution of hydrogen peroxide in isopropylbenzene between the styrene and water phase. A. I. IUrzhenko, V. D. Enal'ev. Nauk. zap. L'viv. un. 34: 45-50 '55.

CUPOLA FURNACES

Improving cupola furnace coke. V. I. Butorin, M. V. Goffman. Trudy Ural. politekh. inst. no. 60:74-81 '56.

Mechanized unloading of burned dolomite from cupola furnaces. A. P. Alimov. Ogneupory 21 no. 5:230-233 '56.

Origin of the word "vagranka" [cupola furnace]. A. A. [illegible]hkov, A. A. Boretskii. Trudy Ural. politekh. inst. [illegible]:66-73 '56.

[illegible]cupola furnace slags. IU. P. Poruchikov. Trudy [illegible]olitekh. inst. no. 60:82-88 '56.

[illegible]ovable tuyeres for feeding oxygen to the fore- V. A. Fuklev. Lit. proizv. no. 8:4-5 Ag '56.

[illegible]ng. A. A. Krylov. Lab. delo 2 no. 1:

[illegible] $CaCl_2$ [illegible] $H_2O$ and KCl — $CaCl_2$ — $H_2O$. A. I. Mun, R. S. Darer. Zhur. neorg. khim. 1 no. 4:834-837 Ap '56.

Cryoscopy of certain complex compounds of aluminum bromide in nitrobenzene. I. S. Bigich. Zhur. neorg. khim. 1 no. 5:938-940 My '56.

Nomogram for computing weights of samples of a substance in determining the molecular weight by the cryoscopic method [with English summary in insert]. N. B. Kondukov. Zhur. anal. khim. 11 no. 4:480-482 Jl-Ag '56.

CRYSTAL LATTICES

Sublimation of crystal lattices under the action of strong shock waves. IU. N. Riabinin. Dokl. AN SSSR 109 no. 2:289-291 Jl '56.

[illegible]

Physiology of the nerve endings in skeletal muscle; effect of curari on the nerve endings in skeletal muscle. N. A. IUdenich. Nauk. zap. Kiev. un. 8 no. 7:259-272 '50 [i.e. '49].

CURIE, PIERRE, 1859-1906

Pierre Curie; on the 50th anniversary of his death. M. N. Pobedinskii. Med. rad. 1 no. 3:3-5 My-Je '56.

Pierre Curie and ways of developing modern science. Irène Joliot-Curie, Frédéric Joliot-Curie. Vop. ist. est. i tekh. no. 1:5-8 '56.

CURRANTS see subdivision under Korov Province

CURRENCY see Money

CURRENTS, ELECTRIC see Electric currents

CURRENTS, OCEANIC see Ocean currents

CUTTING MACHINES

Portable apparatus for cutting cables. B. D. Gandin, A. M. Medvedenko. Energetik 4 no. 9:26-27 S '56.

CUTTING OF METALS see Metal cutting

CUTTING TOOLS

(see also subdivision under Novocherkask)

Cutting-off tools with increased hardness. T. P. Morchenko, V. D. Zakopailo. Vest. mash. 36 no. 6:36 Je '56.

Cutting tool with no-slot chip breakers. Vest. mash. 36 no. 6:36-38 Je '56.

Mechanizing the grinding and lapping of cutting tips. IU. Ligskii, I. A. Sukharev. Stan. i instr. 27 no. 7:37-38 Jl '56.

Prevention of vibrations while working with production cutting tools. A. M. Egorov. Vest. mash. 36 no. 8: 39-43 S '56.

Selecting correct knife edges for the trimming of paper and paperboard. (From "Allgemeine Papier-Rundschau no. 9, 1955). IU. I. Bum. prom. 31 no. 7:29 Jl '56.

Single-cutting wedge-fastened small microlite-tipped tool. V. I. Rastorshchev. Vest. mash. 36 no. 6:33-35 Je '56.

Theory of the wear of metal-cutting tools with hard-alloy tips. IU. A. Gritsenko. Trudy MNI no. 17:221-237 '56.

CUTTING TOOLS—VIBRATION

Krivoukhov, V. A., and A. L. Voronov. [High-frequency vibrations of the cutting tool during metal cutting] Vysokochastotnye vibratsii reztsa pri tochenii. Moskva, Gos. izd-vo obor. promyshl., 1956. 76 p. (Moscow. Aviatsionnyi institut. Trudy, no. 67)

CUTWORMS

Types of annual life cycles in cutworms (Lepidoptera, Agrotidae). M. A. Rimbov. Ent. oboz. 35 no. 1:69-79 '56.

CUVIER, GEORGES, 1769-1832

"Geoffroy Saint-Hilaire and his struggle against Cuvier." I. E. Amilinskii. Reviewed by I. M. Polinkov. Usp. sovr. biol. 42 no. 1:111-114 Jl-Ag '56.

CYANIDE PROCESS

Investigating the effect of residual austenite on properties of the surface layer of cyanided structural steel. V. S. Leshkovtseva. [Trudy] MVTU no. 41:67-83 '55.

Investigating the process of low-temperature gas cyaniding. E. N. Druzhinina. [Trudy] MVTU no. 41:94-108 '55.

CYANIDES

Reducing powers of tetracyanomolybdates. K. N. Mikhalevich. Nauch. zap. LPI no. 20:61-62 '56.

CYCLIC COMPOUNDS

Investigation of heterocyclic N-oxides. The dipole moments and chemical features of N-oxides of certain heterocyclic compounds. Z. V. Pushkareva, L. V. Variukhina, Z. IU. Kokoshko. Dokl. AN SSSR 108 no. 6: 1098-1101 Je '56.

Readiness of formation and prevalence of four-membered cycles. I. L. Knuniants, B. L. Dimkin, N. P. Gambarian. Usp. khim. 25 no. 7:795-844 Jl '56.

CYCLOALKENES

Equilibrium mixtures of five- and six-member cyclenes. A. A. Petrov. Dokl. AN SSSR 109 no. 3:540-551 Jl '56.

CYCLOHEXANE

Solution-vapor equilibrium in the system: benzene -- cyclohexane -- isopropyl alcohol. A. V. Storonkin, A. G. Morachevskii. Zhur. fiz. khim. 30 no. 6:1297-1307 Je '56.

CYCLOHEXANOL

Hydrogen exchange reactions of 1-methylcyclohexanol-1 with phosphoric acid. V. N. Setkina, D. N. Kursanov. Dokl. AN SSSR 109 no. 3:552-554 Jl '56.

CYCLOHEXENE

Cyclohexene transformations on an aluminum silicate catalyst enriched with deuterium. G. M. Panchenkov, Z. V. Griaznova, L. G. Gonichenko. Dokl. AN SSSR 109 no. 3:540-543 Jl '56.

CYCLONES see subdivision under Soviet Central Asia

CYCLOPENTADIENE

Hydrogen exchange of cyclopentadiene. D. N. Kursanov, Z. N. Parnes. Dokl. AN SSSR 109 no. 2:315-318 Jl '56.

CYCLOSERINE

Synthesis of cycloserine. N. K. Kochetkov and others. Dokl. AN SSSR 109 no. 6:950-953 Ag '56.

CYLINDERS

Casting high-pressure cylinders. V. M. Khachaturov. Lit. proizv. no. 8:5-7 Ag '56.

Casting of special steel cylinders. A. V. Kiselev. Lit. proizv. no. 8:1-4 Ag '56.

Optimum micro structure of cylinder faces. A. F. Nefedov. Avt. i trakt. prom. no. 7:31-33 Jl '56.

## CZECHOSLOVAKIA — THEATER

## CZECHOSLOVAKIA — WINES

## CZECHOSLOVAKIA — TRANSPORTATION, AUTOMOBILES

## CZECHOSLOVAKIA — WATER PURIFICATION

## DAR DJORO (FILM)

## DAUGHTER, PUSHKIN'S — OPERA

## DAUGHTER — BOTANY

## DAUGHTER — LEPTOSPIROSIS

## DAUGHTER — MAMMOTH

## DAUGHTER — NEWSPAPERS

## DAUGHTER — REVOLUTION OF 1905

DAIRIES see Dairy plants

DAIRY BARNS
Milking parlor on the Makarova Collective Farm. N. G. Chernenko. Zhivotnovodstvo no. 8:80-82 Ag '56.
Milking parlors. L. S. Zherebchevs'kyi. Sots. tvar. 28 no. 9:51-54 S '56.

DAIRY CATTLE see subdivision under Denmark

DAIRY CATTLE—FEEDING AND FEEDING STUFFS
Feeding rate for cattle. E. M. Fedii. Zhivotnovodstvo no. 8:65-68 Ag '56.
Tasks in the field of animal science in fulfilling the decisions of the January Plenum of the Central Committee of the Communist Party of the Soviet Union. Biul. MOIP. Otd. biol. 61 no. 3: 108-109 My-Je '56.

DAIRY CATTLE BREEDING see subdivision under Komi A. S. S. R.

DAIRY INDUSTRY
(see also subdivision under Estonia)
Advantages of dairy combines. N. Dediulin. Moloch. prom. 17 no. 6:12-13 '56.
Better guidance for socialist competition among collectives. V. Begunov. Moloch. prom. 17 no. 6:8-11 '56.
Eliminate unnecessary sections. I. Pekhota. Moloch. prom. 17 no. 6:13-14 '56.

DAIRY INDUSTRY—ACCOUNTING
Journal - order from of bookkeeping. K. IAkovlev. Moloch. prom. 17 no. 6:32-34 '56.

DAIRY INDUSTRY—BY-PRODUCTS
Swine-fattening station serving several collective farms. M. I. Kravtsov. Sots. tvar. 28 no. 9:26-27 S '56.

DAIRY INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under London)
Equipment is of the utmost importance in the preparation of the dairy industry for production in 1957. V. Kostygov. Moloch. prom. 17 no. 6:4-7 '56.

DAIRY PLANTS
Speed up the construction of urban dairy plants. Moloch. prom. 17 no. 6:1-3 '56.

DAIRY PRODUCTS
Buttermilk dietetic products. N. Mazokhina. Moloch. prom. 17 no. 6:36 '56.
New dairy products. A. Khmelev. Moloch. prom. 17 no. 6:29-31 '56.
Refrigeration of milk and cream by water during the accumulation of ice. S. G. Arf. Moloch. prom. 17 no. 6:25-27 '56.

DAIRYING
(see also subdivision under Kazakhstan; Ukraine)
[Dairy farm.] Molochnaia ferma no. II N '56.
Experimental dairy farm. V. N. Bakanov. Nauka i pered. op. v sel'khoz. no. 8:52-53 Ag '56.
Practical work in stockbreeding for rural schools. M. A. Paporkov, M. I. Ivushkina. Est. v shkole no. 5:63-70 S-O '56.
Promote an increase in milk production in every possible way. Veterinariia 33 no. 10:3-6 O '56.
Work practice in obtaining even milk yields the whole year long. A. Emel'ianov, A. Kosyreva. Moloch. i mias. zhiv. no. 3:6-14 My '56.

DAIRYING—COSTS see subdivision under Voskresensk District

DAMS
(see also subdivision under Scotland; Volga River)
Determining the speed of scour below dams. S. S. Pavlovskii. Gidr. stroi. 25 no. 8:45-50 S '56.
[illegible]s in hydraulic structures. 25 no.

DANCING—CHILDREN'S DANCES
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut khudozhestvennogo vospitaniia. [Choreographic training of school children] Khoreograficheskaia rabota so shkol'nikami. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 343 p.

DANCING—FOLK AND NATIONAL DANCES see subdivision under Punjab

DANDELIONS
Particular aspects of the germination of seeds of koksaghyze and dandelions. D. P. Protsenko. Nauk. zap. Kiev. un. 8 no. 3:5-26 '49.

DANDRUFF
Hydrogen sulfide cap for treating loss of hair and dandruff. V. M. Fedotov, A. S. Nevraeva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:75-76 Jl-S '56.

DANILEVSKII, VASILII IAKOVLEVICH, 1852-1939
A serious analysis of the scientific work of an outstanding Russian biologist, V. IA. Danilevskii ("V. IA. Danilevskii, an outstanding Russian biologist, physiologist and protistologist." E. A. Finkel'shtein. Reviewed by I. M. Poliakov). Vop. ist. est. i tekh. no. 1:304-308 '56.

DANTE ALIGHIERI, 1265-1321
Dante Alighieri. V. Chernlavskii. Sov. zhen. 12 no. 9: 41 S '56.

DANTE ALIGHIERI, 1265-1321—TRANSLATIONS INTO UKRAINIAN
Franko as an interpreter and translator of Dante's "Vita Nuova." O. M. Dombrovs'kyi. Nauk. zap. L'viv. un. 39:76-91 '56.

DANUBE DELTA—BIRDS
Birds in rushy floodlands of the Danube Delta. M. A. Voinstvenskii. Nauk. zap. Kiev. un. 12 no. 3:49-72 '53.

DANUBE DELTA—INVERTEBRATES
Markovskii, IU. M. [Conditions of existence and methods of utilizing invertebrates of the lower reaches of rivers of Ukraine] Fauna bespozvonochnykh nizov'ev rek Ukrainy, usloviia ee sushchestvovaniia i puti ispol'zovaniia. Kiev, Izd-vo Akademii nauk Ukrainskoi SSR.
Pt. 3. [Waters of Kiliya Delta of the Danube] Vodoemy Kiliiskoi del'ty Dunaia, 1955. 278 p.

DANUBE RIVER—HYDRAULIC ENGINEERING
Plan to harness the Danube. Wilfred Burchett. Nov. vrem. 14 no. 36:24-26 S '56.

DARASUN—FLOTATION
Separating pyrite and arsenopyrite by flotation. N. P. Tabakopulo, IU. A. Tarasov. TSvet. met. 29 no. 8:4-9 Ag '56.

DARIER'S DISEASE see Keratosis

DARVAZA RANGE—AXINITE
Axinite in the Darvaza Range. S. IUsupova. Dokl. AN Tadzh. SSR no. 15:3-6 '56.

DARWIN, CHARLES, 1809-1882
Five unpublished letters of Charles Darwin. S. L. Sobol'. Vop. ist. est. i tekh. no. 1:213-223 '56.
Publication of Charles Darwin's works in the U. S. S. R. S. L. Sobol'. Vop. ist. est. i tekh. no. 1:223-226 '56.

DA SILVA, ADEMAR, 1926-
A. da Sil'va's path to world records. E. Kalimazova. Leg. atl. no. 8:26-29 Ag '56.

DATOLITE see subdivision under Soviet Central Asia

DAVIDSON, BASIL, 1914-
"The rapids." Basil Davidson. Review and excerpts. Mol. mira no. 8:10-11 '56.

DAVYDOVSKII, I. V.
Cortical genesis of diseases and the regulating role of the nervous system; concerning Prof. I. V. Davydovskii's book and article. A. G. Ivanov-Smolenskii. Klin. med. 34 no. 5:92-96 My '56.

DE FACTO DOCTRINE (INTERNATIONAL LAW) see Recognition (international law)

DEAD, PRAYERS FOR THE see Prayers for the dead

DEAF
In the large family of Soviet sportsmen. A. Basmanov. Sots. obesp. 17 no. 5/6:56-58 My-Je '56.
A talented group. N. Karaseva. Sots. obesp. 17 no. 4: 36-37 Ap '56.

DEAF—EDUCATION
Academic conference in the Institute of Defectology of the Academy of Pedagogical Sciences of the R. S. F. S. R. V. I. Bel'tiukov. Sov. pedag. 20 no. 8:120-123 Ag '56.
How we teach sewing. I. Bodrov. Sots. obesp. 17 no. 5/6:53-54 My-Je '56.
Trade school for deaf-mutes. D. Pshenkin. Sots. obesp. 17 no. 4:29-30 Ap '56.

DEAF—MEANS OF COMMUNICATION
The condition of the auditory function in school children with defective hearing. L. V. Neiman. Izv. Akad. ped. nauk RSFSR no. 79:133-181 '56.
The development of aural comprehension in school children with defective hearing. L. V. Neiman. Izv. Akad. ped. nauk RSFSR no. 79:183-213 '56.
Development of oral communication in younger pupils in schools for deaf-mutes. A. F. Pongil'skaia. Izv. Akad. ped. nauk RSFSR no. 77:89-153 '56.
Making the speech of deaf-mutes more distinct by eliminating phonological defects in the pronunciation of phonemes. O. A. Tokareva. Izv. Akad. ped. nauk RSFSR no. 79:65-86 '56.
Means of speech development in the preschool deaf-mute child. B. D. Korsunskaia. Izv. Akad. ped. nauk RSFSR no. 77:154-188 '56.
Oral stress in the speech of deaf-mute pupils. K. A. Volkova. Izv. Akad. ped. nauk RSFSR no. 79:99-131 '56.
The pronunciation of deaf-mute and hard-of-hearing pupils in relation to their hearing ability. V. I. Bel'tiukov. Izv. Akad. ped. nauk RSFSR no. 79:29-63 '56.
The relative significance of the various types of phoneme pronunciation defects for the distinctness of speech by deaf-mutes. F. F. Rau, V. I. Bel'tiukov. Izv. Akad. ped. nauk RSFSR no. 79:87-97 '56.
The revision of language teaching in the first-year class. S. A. Zykov. Izv. Akad. ped. nauk RSFSR no. 77:48-86 '56.
The status of oral communication among deaf-mute students. B. D. Korsunskaia. Izv. Akad. ped. nauk RSFSR no. 77:26-47 '56.
The system of teaching language to deaf-mute children. S. A. Zykov. Izv. Akad. ped. nauk RSFSR no. 77:3-25 '56.
Work on pronunciation when initially teaching oral speech to deaf-mute children. F. F. Rau. Izv. Akad. ped. nauk RSFSR no. 79:5-26 '56.

DEAF CHILDREN see Children, Deaf

DECEMBRISTS
The ideas on constitutional law among the Decembrists. N. S. Prozorova. Sov. gos. i pravo no. 6:81-91 '56.
The views and research of the Decembrists in the realm of ethnography and folklore. V. K. Sokolova. Trudy Inst. etn. 30 no. 1:187-210 '56.

DECEMBRISTS IN LITERATURE AND ART
Folk songs, accounts and stories about the Decembrists in prison and in exile. L. V. Domanovskii. Sov. etn. no. 2:18-32 '56.

DECORATION AND ORNAMENT
Alcov, R. G. [Decorative designs; aids for the rural club artist] Dekorativnoe oformlenie; materialy v pomoshch' sel'skomu klubnomu khudozhniku. Moskva, Goskul'tprosvetizdat, 1955. 26 plates (in portfolio) (Bibliotechka sel'skogo klubnogo rabotnika, nos. 12/13)
—— —— [Supplement to the album of visual aids] Prilozhenie k al'bomu naglIadnykh posobii. 1955. 31 p.

DECORATIVE ARTS see Art, Decorative

DEEP BORINGS see Borings

DEEP DRAWING (METALWORK)
Effect of peening on the drawing of sheet metal. A. V. Altykis, L. A. Shofman. Metalloved. i obr. met. no. 8: 37-42 Ag '56.

DEEP-SEA DEPOSITS see subdivision under Okhotsk, Sea of

DEEP-WATER DRILLING (PETROLEUM) see Oil well drilling, Submarine

DEER see subdivision under Maritime Territory; Ukraine

DEFECTIVE AND DELINQUENT CLASSES
Brief news. Sots. obesp. 17 no. 4:63 Ap '56.
A strong spirit. T. Kvitko. Sots. obesp. 17 no. 4:53-54 Ap '56.

DEFECTIVE HEARING IN CHILDREN
The condition of the auditory function in school children with defective hearing. L. V. Neiman. Izv. Akad. ped. nauk RSFSR no. 79:133-181 '56.
The development of aural comprehension in school children with defective hearing. L. V. Neiman. Izv. Akad. ped. nauk RSFSR no. 79:183-213 '56.
Education of children with defective hearing in regular schools. R. M. Boskis. Sov. pedag. 20 no. 8:43-51 Ag '56.

DEFENSE (MILITARY SCIENCE) see Attack and defense (Military science)

DEFENSES see subdivision under Africa; Germany, West; Korea, South; United States

DEFICIENCY DISEASES IN PLANTS
Symptoms of magnesium deficiency in plants. K. P. Magnitskii. Nauka i pered. op. v sel'khoz. no. 8: 17-18 S '56.

DEFORMATIONS (MECHANICS)

Changes in the anatomical structure of wood under the action of mechanical agents. V. E. Moskaleva. Dokl. AN Arm. SSR 6 no. 5:207-212 '48.

Deformation meter for measuring residual and summary stresses. P. V. Mal'tsev. Trudy MIIT no. 65'66:42-49 '56.

Deformations in sheet-steel hull structures and ways to avoid them. V. K. Kuz'menko and others. Sudostroenie 22 no. 7:19-23 Jl '56.

Effect of the speed of deformation on the magnitude of the strength limit of river ice subjected to monoaxial compression. K. N. Korzhavin. Trudy NIIZHT no. 11: 205-216 '55.

Metal resistance to minor plastic deformations. A. G. Rakhshtadt. [Trudy] MVTU no. 41:213-210 '55.

Tafel's rule on the 'arithmetical mean." I. IA. Tarnovskii. Stal' 16 no. 8:742 Ag '56.

DEFORMITIES

Early detection and treatment of congenital deformities in children. I. S. TSitkin. Fel'd. i akush. 21 no. 7:34-38 Jl '56.

DEHRA DUN, INDIA—FORESTS AND FORESTRY—CONGRESSES

Zhukov, A. B., and V. P. TSeplinov. [The Fourth World Forestry Congress and the forestry of India] IV Mirovoi lesnoi kongress i lesnoe khoziaistvo Indii. Moskva, Goslesbumizdat, 1956. 117 p.

DEHYDROGENASES

Spectrophotometric determination of dehydrogenase activity in green suspensions [with English summary in insert]. E. S. Mikhailova, G. P. Brain. Biokhimiia 21 no. 4:444-447 Jl-Ag '56.

DEHYDROGENATION

Catalytic dehydrogenation of isopentenes into isoprene. IU. G. Mamedaliev and others. Dokl. AN Azerb. SSR 12 no. 8:547-552 '56.

DEISHA-KOTSIUBYNS'KA, VIRA USTYMIVNA, 1863-

Vira Ustymivna Deisha-Kotsiubyns'ka. Iryna Kotsiubyns'ka. Vitchyzna 24 no. 9:114-123 S '50.

DELINQUENCY, JUVENILE see Juvenile delinquency

DELIRIUM

Neurodynamic foundation of delirium. A. D. Zurabashvili. Fiziol. zhur. [Ukr.] 2 no. 4:82-86 Jl-Ag '50.

DELIVERY OF GOODS (LAW)

IAzev, V.A. [Delivery of goods contract in Soviet commerce] Dogovor postavki v sisteme sovetskoi torgovli. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 88 p.

DELPHINIUM see Larkspur

DEMBOWSKI, EDWARD, d. 1841

Works of an outstanding son of the Polish people ("Works" vols. 1-5. [in Polish]; Edward Dembowski. Reviewed by Oleg Kushch). Slaviane no. 10:87-89 O '56.

DEMOCRACY

Kacharhin, A. N. [Bourgeois democracy in the era of imperialism] Burzhuaznaia demokratyia u epokhu imperyializma. Minsk, Dziarzh. vyd-va BSSR, 1956. 84 p.

Parliamentary democracy in the contemporary bourgeois theory of the state. O. E. Polents. Vop. filos. no. 4: 129-136 '56.

DENDROLOGY see Trees

DENMARK—BOTANY—RESEARCH

Journey to Denmark. B. A. Tikhomirov. Bot. zhur. 41 no. 7:1080-1090 Jl '56.

DENMARK—DAIRY CATTLE

Butterfat content of milk in Denmark. IA. IA. Vitolin'. Nauka ipered. op. v sel'khoz. no. 8:55-66 Ag '56.

DENMARK—ESPIONAGE

An exaggerated affair. Nov. vrem. 14 no. 40:20 S '56.

DENMARK—ZOOLOGY

Scientific zoological institutes of Denmark. A. N. Svetovidov. Zool. zhur. 35 no. 8:1270-1276 Ag '56.

DEPARTMENT STORES

(see also subdivision under Leningrad)

Selling merchandise in open display. N. Sirogov. Nov. torg. tekh. no. 3:15-20 '56.

DEREGUS, MIKHAIL GORDEEVICH, 1904-

New illustrations of M. Deregus. A. Shpakov. Ukraina no. 19:20-21 O '56.

DERKHTIAREVA, Z.

Z. Derkhtiareva as Liudmila Krlazheva. Teatr 17 no. 8:128-130 Ag '56.

DERMATITIS see Skin—Diseases

DERMATOLOGY—STUDY AND TEACHING

Instruction method in a practical course on dermatology and venerology. M. M. Zheltakov, A. A. Studnitsin, G. Kh. Khachatur'ian. Vest. ven. i derm. 30 no. 4:43-46 Jl-Ag '56.

Methodology for practical work in the department of dermatology and venerology of medical stomatologic institutes and in departments of stomatology in medical institutes. B. M. Pashkov. Vest. ven. i derm. 30 no. 4:46-50 Jl-Ag '56.

DERMATOMYCOSIS

(see also subdivision under Chernovtsy Province)

Treating mycoses of the scalp with "Lesovain" liquids nos. 1 and 2 without using X rays. Report no. 2. M. I. Mel'nik and others. Vest. ven. i derm. 30 no. 4:52-53 Jl-Ag '56.

Trichophytosis of the claws in a rabbit. Z. G. Stepanishchova. Veterinariia 33 no. 10:59-60 O '56.

Vitamin $D_2$ for treating chromoblastomycosis. A. M. Arievich, V. M. Vatolina. Vest. ven. i derm. 30 no. 4: 54 Jl-Ag '56.

DESCRIPTIVE GEOMETRY see Geometry, Descriptive

DESERT CANDLE

Uredinose of Eremurus in connection with problems of ornamental floriculture. IA. I. Korbonskaia. Dokl. AN Tadzh. SSR no. 1:31-34 '56.

Vegetative propagation of Eremurus. T. I. Riabova. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:171-177 '56.

DESERT ECOLOGY

(see also subdivision under Balkhash region)

Riddles of the desert; discussion with A. N. Formozov, doctor of biological sciences. Vokrug sveta no. 8:7-8 Ag '56.

DESIGN, ARCHITECTURAL see Decoration and ornament

DESIGNS, ARCHITECTURAL see Architecture—Designs and plans

DESMANS—DISEASES AND PESTS

Functional anatomy of the beetle Siphopsyllus desmanae Ols. (Coleoptera, Leptinidae), a parasite of the desman [with summary in English]. E. N. Pavlovskii. Ent. obozr. 35 no. 3:518-529 '56.

DESNIAK, OLEKSII, d. 1942

Activities of Oleksii Desniak in L'vov. V. V. Lesyk. Nauk. zap. L'viv. un. 19:110-119 '51.

DESOXYRIBONUCLEIC ACID

Effect of nucleic acids on the enzymatic functions of proteins. O. P. Chepynoha, I. O. Pavlova'kyi. Ukr. biokhim. zhur. 28 no. 3:290-309 '56.

DETERGENTS see Cleaning compounds

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DEUTERIUM OXIDE

Investigation of the isotopic exchange between heavy water and certain tungsten aquopolycompounds. V. I. Spitsyn, IU. F. Berezkina. Dokl. AN SSSR 108 no. 6: 1088-1091 Je '56.

DEUTERONS

Relation between stripping and formation of compound nuclei in reactions with deuterons. IU. A. Nemilov, K. I. Zherebtsova, B. L. Funstein. Zhur. eksp. i teor. fiz. 30 no. 6:1013-1016 Je '56.

DEUTERONS—SCATTERING

Polarization of elastically scattered deuterons. O. D. Cheishvili. Zhur. eksp. i teor. fiz. 30 no. 6:1147-1148 Je '56.

DEVELOPMENT see Growth

DEWBERRIES

European dewberry. Pchelovodstvo 33 no. 9:52 S '56.

DEWBERRIES—VARIETIES

Valuable dewberry variety. I. P. Eliseev. Sad i og. no. 9:73-74 S '56.

DIABASE see subdivision under Russian Platform

DIABETES

Pyridine nucleotides in the liver and muscles of rabbits and their enzymatic decomposition in alloxan diabetes. E. L. Rozenfel'd, A. A. Kobzeva. Probl. endok. i gorm. 2 no. 3:88-93 My-Je '56.

Significance of the dynamics of ketonemia in various function tests for evaluating clinical forms of diabetes mellitus. IA. S. Leshchinskaia. Probl. endok. i gorm. 2 no. 3:8-14 My-Je '56.

Some clinical aspects of tuberculosis in diabetes mellitus. L. I. Vil'nianskii. Probl. endok. i gorm. 2 no. 3:64-68 My-Je '56.

DIAGNOSIS

Biological diagnosis of cancer. A. I. Paches. Lab. delo 2 no. 2:21-23 Mr-Ap '56.

Letters to the editor. Fel'd. i akush. 21 no. 7:63 Jl '56.

Omelianskii's modified medium in bacteriological diagnosis of dysentery. R. B. Sharinova-Gekker. Lab. delo 2 no. 2:27-28 Mr-Ap '56.

Supplementation of Fulleborn's method. E. N. Simonovich, V. E. Gruzhevskii, M. N. Sokolova. Med. paraz. i paraz. bol. 25 no. 3:249-251 Jl-S '56.

Useful diagnostic chart for medical workers. N. IA. Saparkin. Fel'd. i akush. 21 no. 9:62 S '56.

DIAGNOSIS, RADIOSCOPIC

Importance of X-ray investigation with contrast media in the diagnosis of volvulus. V. I. Petrov. Khirurgiia 32 no. 6:50-53 Je '56.

DIAK, VLADIMIR, 1939-

Pack builder Vladimir Diak. Vladimir Liakhov. Mol. komm. 14 no. 9:34-36 S '56.

DIALECTICAL MATERIALISM

In a philosophical circle. E. L. Susliaeva. Vop. filos. no. 4:172-173 '56.

The law of "negation of a negation." B. Kedrov. Kommunist 33 no. 13:69-83 S '56.

The nature of the manifestation of dialectical laws in the development of socialist society. S. IA. Kogan. Pratsi Od. un. 145:213-244 '55.

Some aspects of the Leninist philosophical legacy. M. I. Sidorov. Uch. zap. Akad. obshchestv. nauk no. 21:3-57 '56.

The unity of opposition diversity, and contradiction. E. B. Shur. Vop. filos. no. 4:169-172 '56.

DIAMONDS

Shafranovskii, I. I. [Crystallography of rounded diamonds] Kristallografiia okruglykh almazov. Leningrad, Izd-vo Leningradskogo gos. univ., 1949. 128 p. (NN)

DIAMONDS, INDUSTRIAL

Substitutes for diamonds. IA. IA. Lychagin. Vest. mash. 36 no. 8:48-50 '56.

DIAPHRAGM—HERNIA

Diaphragmatic hernia in children; X-ray diagnosis of diaphragmatic hernia and so-called relaxation of the diaphragm. S. IA. Doletskii. Vest. rent. i rad. 31 no. 4:39-45 Jl-Ag '56.

Partial relaxation of the right dome of the diaphragm simulating echinococcosis of the lung. L. L. Dorfman, E. I. Nikiforova. Vest. rent. i rad. 31 no. 4:71-74 Jl-Ag '56.

DIARRHEA

Furamon, a remedy against diarrhea in swine. B. M. Semenenko. Sots. tvar. 28 no. 10:59-61 O '56.

DIASTASE

Importance of control analyses in the study of diastase in urine. M. A. Torban. Lab. delo 2 no. 1:22-24 Ja-'56.

DIATHERMY

Effectiveness in treating neuritis of a facial nerve with saline-alkaline mineral water from the Lenin petroleum region of Baku (by cross section galvano-ionization diathermy). A. V. Feizullaev, A. I. Gashimova. Dokl. AN Azerb. SSR 12 no. 7:491-497 '56.

DIATHESIS

New scheme of blood coagulation and hemorrhagic diatheses. E. Sirmay. Ukr. biokhim. zhur. 28 no. 3:317-322 '56.

DIAZO COMPOUNDS

The interaction of condensed phenols, naphthols and their derivatives with various diazo components. I. V. Grinberg, G. M. Kushko. Nauch. zap. [illegible] no. 20:121-130 [illegible]

DIELECTRICS (Continued)

Measuring the parameters of ferrites for ultra high frequencies. V. V. Nikol'skii. Radiotekh. i electron. 1 no. 4:447-468 Ap '56.

New non-ferroelectric dielectrics possessing large dielectric constants and small conductivity. G. I. Skanavi, E. N. Matveeva. Zhur. eksp. i teor. fiz. 30 no. 6:1047-1051 Je '56.

Vorob'ev, A.A., and E.K.Zavadovskaia. [Electric strength of solod dielectrics] Elektricheskaia prochnost' tverdykh dielektrikov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry 1956. 312 p.

DIES (METALWORKING)

Electric spark machining of dies. Z. Shteininger. Vest. mash. 36 no. 6:48-51 Je '56.

Improved forging trimming dies. A. B. Frenkel'. Vest. mash. 36 no. 6:53-54 Je '56.

Letter to the editor. I. N. Kozlov. Vest. mash. 36 no. 9:51-52 S '56.

Stamping machine-parts from non-ferrous metals and alloys in closed dies. B. N. Shevelkin, A. P. Golovanova. Vest. mash. 36 no. 8:58-59 '56.

DIESEL ENGINES

Afanasov, I. M. [Regulation of diesel fuel injectors] Regulirovka toplivopodaiushchei apparatury dizelei. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 85 p.

Designing basic instruments for the automatization of diesel engines. M. I. Levin, N. F. Morozov. Priborostroenie no. 9:23-24 S '56.

Fuel feeding law as a factor for increasing the operating reliability and lifetime of high-speed diesel engines. I. V. Astakhov. Energomashinostroenie no. 8:16-21 Ag '56.

Servicing diesel tractors. A. Sitnikov, G. Ardashev. MTS 16 no. 9:24-26 S '56.

Using automatically controlled diesel generators. P. I. Bazhanov, F. S. Egorov. Energetik 4 no. 9:1-2 S '56.

Wear resistance of D16, 5/26-1 diesels. S. G. Kagan. Energ. biul. no. 7:1-4 Jl '56.

DIESEL FUELS

New GOST 5304-54 diesel oil. M. Solov'eva. MTS 16 no. 8:45 Ag '56.

Studying the aging of diesel oils. I. I. El'ovich. Azerb. neft. khoz. 35 no. 4:27-28 Ap '56.

DIESEL LOCOMOTIVES

Gurevich, A. N., Platonov, E. B. [Increasing the power of the TE 2 diesel locomotive] Povyshenie moshchnosti teplovoza TE2. Moskva, Gos. transp. zhel-dor. izd-vo, 1956, 58 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 117)

Important problems in increasing the operating efficiency of diesel locomotives. G. D. Orobinskii. Zhel. dor. transp. 38 no. 8:13-17 S '56.

Operating diesel locomotives over longer runs. V. A. Mitrofanov. Zhel. dor. transp. 38 no. 8:15-16 Ag '56.

DIESEL LOCOMOTIVES—TRANSMISSION DEVICES

Semichastnov, I.F. [Hydraulic transmission in diesel locomotives] Gidravlicheskie peredachi teplovozov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 191 p.

DIET IN DISEASES

Therapeutic diet in dysentery. S. P. Dolgopiatova. Med. [illegible] 7:17-19 Jl '56.

em: diethylamine -- ben- [illegible], Sarkisian, [illegible]-128 '56.

Eigenfunction expansion of the equation $\Delta u + \{\lambda - q(x_1, x_2, \ldots, x_n)\} u = 0$. B. M. Levitan. Izv. AN SSSR. Ser. mat. 20 no. 4:437-468 Jl-Ag '56.

Generalization of the Rayleigh-Krylov formula and of the method of "constant coefficients" and their combined application to approximate computations of eigenvalues. F. S. Hudymenko. Nauk. zap. Kiev. un. 11 no. 7:67-74 '52.

Integrals of symbolic equations connected with equations linear in their Jacobians, which satisfy the M. Hamburger conditions. IU. V. Pfeiffer. Nauk. zap. Kiev. un. 8 no. 4:5-7 '49.

On a certain class of systems of ordinary differential equations with singularity. V. A. Chechik. Dokl. AN SSSR 108 no. 5:784-786 Je '56.

Progressive waves of systems of quasilinear equations. N. N. Ianenko. Dokl. AN SSSR 109 no. 1:44-47 Jl-Ag '56.

Qualitative study of a system of ordinary differential equations. V. I. Zubov. Dokl. AN SSSR. 109 no. 5:890-901 Ag '56.

Setting up biharmonic finite difference equations for intercontour points. E. I. Rashba. Prykl. mekh. 2 no. 2:210-216 '56.

Simplest integration of a generalized Pfaff theorem of equations linear in their Jacobians and satisfying the M. Hamburger conditions, and of systems of equations linear in the Jacobians and satisfying the generalized M. Hamburger conditions. IU. V. Pfeiffer. Nauk. zap. Kiev. un. 8 no. 4:13-17 '49.

Some problems on characteristic values, involving a small parameter. V. B. Glasko. Dokl. AN SSSR 108 no. 5:767-769 Je '56.

Study of the qualitative and analytical theory of differential equations in dynamics. IU. D. Sokolov. Nauk. zap. Kiev. un. 9 no. 9:29-40 '50.

System of nonlinear differential equations, containing a small parameter in certain derivatives. K. V. Zadiraka. Dokl. AN SSSR 109 no. 2:256-259 Jl '56.

Variation methods of the solutions of boundary value problems as an analogy to the Trefftz method. M. Sh. Birman. Vest. Len. un. 11 no. 13:89-89 '56.

DIFFERENTIAL EQUATIONS—GRAPHIC METHODS

Graphic integration of some nonlinear equations in the theory of vibration. G. M. Ostrovskii. Vest. Mosk. un. 11 no. 5:25-30 My '56.

DIFFERENTIAL EQUATIONS, LINEAR

Absence attribute for solutions of linear differential equations. K. IA. Latysheva. Nauk. zap. Kiev. un. 9 no. 9:67-72 '50.

Algorithm for determining asymptotic solutions of linear differential equations for the higher values of the independent variable. K. IA. Latysheva. Nauk. zap. Kiev. un. 8 no. 4:79-93 '49.

Determination of asymptotic representations for solutions of a linear differential equation for relatively small values of the argument. K. IA. Latysheva. Nauk. zap. Kiev. un. 8 no. 4:95-103 '49.

Formal solutions of systems of linear differential equations by expansion into normal and subnormal series. D. P. Kostomarov. Dokl. AN SSSR 108 no. 6:1011-1013 Je '56.

New form for regular solutions of linear differential equations. K. IA. Latysheva. Nauk. zap. Kiev. un. 9 no. 9:51-66 '50.

Normal solutions for linear differential equations. K. IA. Latysheva. Nauk. zap. Kiev. un. 11 no. 7:25-46 '52.

Solution of linear differential equations with rapidly varying periodical coefficients. K. A. Breus. Dokl. AN SSSR 108 no. 6:997-1000 Je '56.

Stability of solutions of certain systems of linear differential equations with variable coefficients. M. A. Rutman. Dokl. AN SSSR 108 no. 5:770-773 Je '56.

[illegible]ATIONS, PARTIAL

[illegible] solution of partial linear differential [illegible]cond order. L. M. Lisevych. Dop. [illegible] no. 5, pt. 2:95-97 '55.

[illegible]he special and partial integrals of the first order. K. IA. Latysheva. [illegible] 11 no. 7:47-58 '52.

[illegible] angular domains. S. M. Nikol'skii. [illegible] no. 1:33-35 Jl-Ag '56.

[illegible]al derivative of Derichet's problem [illegible]s. Vest. Len. un. 11 no. 13:147-150

[illegible]tem of the first order and auto- [illegible]ytical functions upon surfaces. I. I. [illegible] SSSR 109 no. 2:253-255 Jl '56.

[illegible]s in the generalized theory of partial [illegible]s. Scientific works, pedagogical [illegible]raphy of IU. V. Pfeiffer, 1872-1946. [illegible]. zap. Kiev. un. 8 no. 4:19-24 '40.

[illegible]ns of solutions of certain elliptical order upon surfaces and their use [illegible] shells. I. I. Danilluk. Dokl. AN [illegible] Jl-Ag '56.

[illegible]ptotic stability of solutions of [illegible]or equations with partial deriva- [illegible] Dokl. AN Azerb. SSR 12 no. 6:

Neuman's problem for a partial differential equation of elliptic type. V. S. Vinogradov. Dokl. AN SSSR 109 no. 1:13-16 Jl-Ag '56.

Solution of Cauchy problem by increasing the number of independent variables. M. K. Fage. Dokl. AN SSSR 108 no. 6:1022-1025 Je '56.

Solution of the partial differential equation of the second order and elliptic type by means of the nonuniform method of meshes. V. E. D'iachenko, P. I. Koval'. Nauk. zap. Kiev. un. 11 no. 7:5-16 '52.

Straight line method for certain boundary problems. B. M. Budak. Dokl. AN SSSR 109 no. 1:9-12 Jl-Ag '56.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFUSION

Diffusion kinetics of turbulent state in mixing. A. I. Fedorova, G. L. Vidovich. Dokl. AN SSSR 109 no. 1:135-138 Jl-Ag '56.

Diffusion of boron, carbon and nitrogen into transition metals of the IV, V and VI group of the periodic system. G. V. Samsonov, V. P. Latysheva. Dokl. AN SSSR 109 no. 3:582-585 Jl '56.

Effect of temperature on the value of the diffusion current and on the thickness of the diffusion layer. V. V. Gerasimov, I. L. Rozenfel'd. Izv. AN SSSR. Otd. khim. nauk no. 7:779-783 Jl '56.

Refractographic study of diffusion and its use in the study of diffusive solution of $CuSO_4$. S. V. Gorbachev, E. I. Grabova. Zhur. fiz. khim. 30 no. 6:1226-1237 Je '56.

Study of diffusion in binary alloys as a new method in physicochemical analysis. M. B. Neiman, A. IA. Shinaev. Zhur. neorg. khim. 1 no. 6:1257-1263 Je '56.

Studying the temperature effects on light diffusion in liquids. G. P. Roshchina. Nauk. zap. Kiev. un. 14 no. 8:171-182 '55.

Surface diffusion of mercury in tin and the effects of heat treatment. S. D. Gertsriken, A. Bykhovskii. Nauk. zap. Kiev. un. 14 no. 8:87-90 '55.

DIGESTERS (CHEMICAL ENGINEERING) see Autoclaves

DIGESTION

Effect of ear corn silage on digestion in swine. O. I. Arkhypovets', Sots. tvar. 28 no. 10:32-34 '56.

DIGESTIVE ORGANS—DISEASES

Cornelliancherry as a remedy in the treatment of enteritis, enterocolitis, gastroenterocolitis and hemocolitis. N. A. Kryzhanovskii. Fel'd. i akush. 21 no. 8:48-49 Ag '56.

DIGESTIVE ORGANS—SECRETIONS

Effect of aspirin and salol on the secretion of a healthy gastro-intestinal tract and in experimental fever. V. B. Isachenko. Farm. i toks. 19 no. 4:24-26 Jl-Ag '56.

Method of graphic registration of the secretion of gastrointestinal glands and of urination. B. E. Esipenko. Fiziol. zhur. 42 no. 7:607-609 Jl '56.

DIGESTIVE ORGANS—SURGERY

Methods and effectiveness of local novocaine anesthesia in surgery of the gastrointestinal tract; experimental research [with summary in English, p. 158]. D. P. Chukhrienko. Vest. khir. 77 no. 8:18-20 Ag '56.

DIGGING MACHINES see Excavating machinery

DIKES (GEOLOGY) see subdivision under Armenia; Caucasus

DILATOMETRY

Dilatometry of solids and some of its applications. P. G. Strelkov. Zhur. neorg. khim. 1 no. 6:1350-1357 Je '56.

DIMAROV, ANATOLII

When two decisions clash ("His family"; a novel. Anatolii Dimarov. Reviewed by B. Komanovskii). Druzh. nar. no. 9:167-170 S '56.

DIMETHLDICYCLOHEXYL

Contact transformations of 1, 1'-dimethyldicyclohexyl in the presence of platinized carbon. S. I. Khromov and others. Dokl. AN SSSR 109 no. 1:109-112 Jl-Ag '56.

DIMORPHISM (ANIMALS)

Sexual dimorphism of the skull in ermines (Mustela erminea L.). O. V. Petrov. Vest. Len. un. 11 no. 15:41-56 '56.

DINNIK, ALEKSANDR NIKOLAEVICH, 1876-1950

Grishkova, N.P., and V.V.Georgievskaia. Aleksandr Nikolaevich Dinnik. Kiev, Izd-vo Akademii nauk USSR, 1956. 50 p. (Uchenye Ukrainskoi SSR)

DINOSAURIA see subdivision under Caucasus; Mongolia

DINSKAYA—SPORTS

Zeleranskii, N. IA. [They march in front] Oni idut vperedi. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 119 p.

DIODES

Application of semiconductor diodes for nonlinear units of electric analog devices. G. M. Petrov. Avtom. i telem. 17 no. 8:707-716 Ag '56.

The 6TS10P damping diode. A. Azat'ian. Radio no. 8:50-51 Ag '56.

DIOXANE

Compounds of beryllium oxyacetates with pyridine and dioxane. A. V. Novosselova and others. Zhur. neorg. khim. 1 no. 4:698-702 Ap '56.

DIPEPTIDES

Mutual transformations of dipeptides and their anhydrides. K. T. Poroshin, K. D. Kozarenko, IU. I. Khurgin. Dokl. AN SSSR 109 no. 2:329-331 Jl '56.

DIPHENYLAMINE

Study of metastable equilibriums among liquid phases. Part 5. I. L. Krupatkin. Zhur. ob. khim. 26 no. 7: 1831-1837 Jl '56.

DIPHTHERIA

Effects of ACTH on diphtherial intoxication in guinea pigs. N. A. Skuratova. Probl. endok. i gorm. 2 no. 2: 72-77 Mr-Ap '56.

Improving the method for taking material in mass analyses for diphtheria. F. S. Shneerson. Lab. delo 2 no. 4: 30 Jl-Ag '56.

Narcoleptic syndrome following diphtherial polyneuritis. S. L. Levin. Klin. med. 34 no. 7:77-78 Jl '56.

Possible errors in laboratory diagnosis of diphtheria. A. G. Staroverova. Lab. delo 2 no. 1:24-26 Ja-F '56.

Results of treating diphtheria with penicillin tablets and aerosols. L. N. Deviatova. Zhur. mikrobiol. epid. i immun. 27 no. 9:86-90 S '56.

DIPHTHERIA—BACTERIOLOGY

Investigating the toxigenicity of the diphtheria bacillus by the biological method and in vitro. L. V. Lugovaia and others. Lab. delo 2 no. 4:23-26 Jl-Ag '56.

The present state of the problem relative to the methods for determining toxin formation in diphtherial cultures in vitro. G. IA. Svet-Moldavskii. Lab. delo 2 no. 4:21-23 Jl-Ag '56.

DIPHTHERIA—PREVENTION

Problem of the treatment of carriers of Corynebacterium diphtheriae. L. N. Deviatova. Zhur. mikrobiol., epid. i immun. 27 no. 8:39-42 Ag '56.

DIPTERA see subdivision under Estonia; Pamirs

DIRECTION, SENSE OF see ORIENTATION

DIRT-EATING

Geophagia in ancylostomiasis. M. S. Gigitashvili. Med. paraz. i paraz. bol. 25 no. 3:273 Jl-S '56.

DISABILITY (LAW) see Capacity and disability

DISABILITY EVALUATION

Interprovincial conference on scientific practice. N. Kosinskaia. Sots. obesp. 17 no. 4:20-22 Ap '56.

New instructions on proper procedures for commissions on work fitness. L. Panina. Sots. obesp. 17 no. 8:26-30 Ag '56.

The relationship of science and practice. V. Bureiko. Sots. obesp. 17 no. 4:17-19 Ap '56.

DISABLED

End of the issue. Sots. obesp. 17 no. 5/6:94 My-Je '56.

Film showings for the deaf-mute and blind. S. Bykov. Kinomekhanik no. 8:39 Ag '56.

From the pages of newspapers. Sots. obesp. 17 no. 5/6: 93 My-Je '56.

DISABLED—REHABILITATION, ETC.
(see also subdivision under Moscow)

Artel of the disabled makes a profit. A. TSukanov. Prom. koop. no. 9:11-12 S '56.

I found my place in life. N. Krapiventseva. Sots. obesp. 17 no. 5/6:80-81 My-Je '56.

A neglected artel. IU. Voloshko. Prom. koop. no. 9:34 S '56.

Rehabilitation in heart diseases. Paul D. White. Klin. med. 34 no. 7:3-9 Jl '56.

They want and are able to work. M. Derevnin. Sots. obesp. 17 no. 5/6:46-49 My-Je '56.

DISABLED VETERANS
(see also subdivision under France)

Letters to the editor. Nov. vrem. 14 no. 36:31 Ag '56.

DISARMAMENT
(see also subdivision under United States)

Interview with Jules Moch on disarmament prospects. Nov. vrem. 14 no. 36:13-14 S '56.

[Statement of the Soviet government on the problem of disarmament; may, 14, 1956] Zaiavlenie pravitel'stva SSSR po voprosu o razoruzhenii; 14 maia 1956 goda. Moskva, Gos. izd-vo polit. lit-ry, 1956, 15 p.

DISCIPLINE, MILITARY see Military discipline

DISCIPLINE, SCHOOL see School discipline

DISCOVERY AND EXPLORATION see subdivision under America; Kazakhstan

DISEASES—CAUSES AND THEORIES OF CAUSATION

Cortical genesis of diseases and the regulating role of the nervous system; concerning Prof. I. V. Davydovskii's book and article. A. G. Ivanov-Smolenskii. Klin. med. 34 no. 5:92-96 My '56.

DISEASES, COMMUNICABLE see Communicable diseases

DISEASES OF CHILDREN see Children—Diseases

DISHWASHING

Prophylactic disinfection of dishes in children's institutions. V. E. Prave, L. I. Agafonova. Gig. i san. 21 no. 9:75-78 S '56.

DISINFECTION AND DISINFECTANTS

Pay more attention to the disinfection of livestock buildings. F. O. Shtun'. Sots. tvar. 28 no. 10:56-59 O '56.

Prophylactic disinfection of dishes in children's institutions. V. E. Prave, L. I. Agafonova. Gig. i san. 21 no. 9:75-78 S '56.

DISLOCATIONS

"Dislocations and fractures," B. M. Khromov. Reviewed by E. M. Krakinovskaia. Med. sestra 15 no. 8:28-29 Ag '56.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISPLACEMENT (SHIPS)

How to make a hydrostatic draft gauge. Z. Rusakov. Mor. flot 16 no. 9:24 S '56.

DISPLAY OF MERCHANDISE

Progressive forms of manufactured-goods trade in Leningrad. P. Goncharov. Sov. torg. no. 8:14-17 Ag '56.

Selling merchandise in open display. N. Strogov. Nov. torg. tekh. no. 3:15-20 '56.

What's new in department store no. 28 of the Moscow Trade Organization. I. Rzhavskii. Nov. torg. tekh. no. 3:29-30 '56.

DISSOCIATION

Thermal dissociation of platinum halides. Part 1. Platinum bromides. S. A. Shchukarev and others. Zhur. neorg. khim. 1 no. 1:8-16 [Jan.] '56.

Thermal dissociation of platinum halides. Part 2. Platinum chlorides. S. A. Shchukarev, M. A. Oranskaia, T. S. Shomiakina. Zhur. neorg. khim. 1 no. 1:17-23 [Jan.] '56.

DISTANCES—MEASUREMENT

Measuring distances with a light range finder and determining the speed of light propagation. V. A. Vetlichko, V. P. Vasil'ev, V. V. Golosov. Geod. i kart. no. 1:10-24 Mr '56.

DISTILLATION

Continuous purification of crude benzol fractions. L. E. Karlinskii, I. A. Levantovich. Koks i khim. no. 5:40-45 '56.

Determining the consumption of injected steam in glycerin distillation. E. E. Fainberg. Masl.-zhir. prom. 22 no. 6:18 '56.

Leaching out kerosine in a pressure-vacuum distillation apparatus. A. F. Stotlarova. Neftianik 1 no. 4:4-6 Ap '56.

Means for improving the quality of absorbent oil. B. E. Kotlik. Koks i khim. no. 5:36-40 '56.

Molecular rectification. V. A. Maltusov and others. Dokl. AN SSSR 109 no. 4:828-831 Ag '56.

Production of commercial naphthalene by rectification of the naphthalene fraction. M. M. Potashnikov. Koks i khim. no. 6:46-49 '56.

DISTILLATION APPARATUS
(see also subdivision under Golsenkirchen, Germany)

Effect of the shape of hood openings on the operation of distillation columns. A. I. Cherniavskii. Nauch. zap. LPI no. 29:131-139 '55.

Investigating rectification in a wetted-wall column. V. G. Fastovskii, IU. V. Petrovskii. Khim. prom. no. 4:230-234 Je '56.

New continuous tar distilling installation. D. Z. Koks i khim. no. 6:03 '56.

New type of rectification-column steam regulator. A. I. Cherniavskii. Nauch. zap. LPI no. 29:141-143 '55.

DISTILLED WATER see Water, Distilled

DISTILLING INDUSTRIES—BY-PRODUCTS

Using distillers' grains for fattening hogs. G. S. Unanov. Svinovodstvo no. 3:23-28 My '56.

DISTRIBUTION (PROBABILITY THEORY)

Limiting distributions of sums of independent random variables taking values from a bicompact group. B. M. Kloss. Dokl. AN SSSR 109 no. 3:453-455 Jl '56.

Normal distribution characterization based on the properties appropriate to linear statistics. P. G. Laga. Vest. Len. un. 11 no. 13:90-98 '56.

DISULFIDE

Tetramethylthiuram disulfide, a new compound for controlling fungus diseases in corn. F. P. Shevchenko. Kukuruza 1 no. 2:56-57 My '56.

DIURETICS AND DIURESIS

Determination of daily diuresis. A. S. Zelotareva. Med. sestra 15 no. 8:19-22 Ag '56.

DIVING

I prefer diving. A. Long. Mol. mira no. 8:17 '56.

Masters of "aerobatics." I. Bortsov. Smena 33 no. 15: 12 Ag '56.

DIVING, SUBMARINE

The silent world (conclusion). Jacques Yves Cousteau, Frederic Dumas. Translated from the English by L. Zhdanova. IUnost' no. 9:75-86 S '56.

DNEPRODZERZHINSK—CLOTHING INDUSTRY

In one of the streets of Dneprodzerzhinsk. V. Belinev. Prom. koop. no. 9:26 S '56.

DNEPRODZERZHINSK—IRON MINES AND MINING

Progressive mining practices in the Dzerzhinskii mines. R. A. Kadyrbaev, G. F. Linnik, A. A. Portnov. Gor. zhur. no. 9:16-18 S '56.

DNEPRODZERZHINSK—METALLURGY

Research carried on at the Dzerzhinskii Plant. M. P. Kuznetsov and others. Stal' 16 no. 8:749-759 Ag '56.

DNEPRODZERZHINSK—SOCIALIST COMPETITION

Socialist competition in the workshop. M. Novikov. Sov. profsoiuzy 4 no. 9:52-53 S '56.

DNEPROPETROVSK—AMATEUR ART ACTIVITIES

Youth festival. F. Vozvyshaev. Klub 6 no. 9:10-11 S '56.

DNEPROPETROVSK—CONSTRUCTION INDUSTRY

Workdays of builders. M. Semenova. Mol. komm. 14 no. 8:71-73 Ag '56.

DNEPROPETROVSK—DWELLINGS

Use modern industrial methods for residential building. Arkhit. i bud. 4 no. 4:30-31 Jl-Ag '56.

DNEPROPETROVSK—INDUSTRIAL HYGIENE

Help from active public health workers. M. Teitel'man. Sov. kras. krest 6 no. 4:7 Jl-Ag '56.

DNEPROPETROVSK—METALLURGICAL PLANTS

Help from active public health workers. M. Teitel'man. Sov. kras. krest 6 no. 4:7 Jl-Ag '56.

DNEPROPETROVSK—PALEOBOTANY

Imprint of a miocene willow leaf from Poltava sandstones in Dnepropetrovsk. N. N. Karlov. Nauk. zap. Kiev. un. 9 no. 10:139-144 '50.

DNEPROPETROVSK—RESTAURANTS, LUNCHROOMS, ETC

Work practice of a control and inspection committee. G. Orkin. Sov. profsoiuzy 4 no. 8:65-66 Ag '56.

DNEPROPETROVSK DISTRICT—PALEONTOLOGY

Position of the so-called Mandrikovka strata. M. N. Kliushnikov. Nauk. zap. Kiev. un. 9 no. 10:63-97 '50.

DNEPROPETROVSK PROVINCE—COMMUNITY CENTERS

Cultural work in Dnepropetrovsk Province; reportage. Sots. kul't. 10 no. 9:20-21 S '56.

DNIEPER RIVER—FISHES

Data on the genus Allocreadium Looss. V. P. Koval', Nauk. zap. Kiev. un. 8 no. 3:99-103 '49.

Digenetic trematoda of the genus Palaeorchis in Dnieper fishes. V. P. Koval'. Nauk. zap. Kiev. un. 8 no. 3:105-107 '49.

DNIEPER RIVER—FRESH-WATER BIOLOGY

Flow of bottom organisms and dynamics of benthos in the upper reaches of the forthcoming Kremenchug reservoir in the middle Dnieper [with English summary in insert]. IU. M. Markovskii, G. A. Olivari. Zool. zhur. 35 no. 6:820-832 Je '56.

DNIEPER RIVER—MERGANSERS

Discovery of the merganser (Mergus merganser Lin.) on the Dnieper near Kanev in the summer of 1947. L. A. Babenko. Nauk. zap. Kiev. un. 9 no. 6:162 '50.

DNIEPER RIVER—PARASITES

Helminthic fauna in Dnieper fishes in the region of the city of Kanev. O. P. Markevych. Nauk. zap. Kiev. un. 8 no. 6:1-12 '49.

DNIEPER VALLEY—BEETLES

Leaf beetles (Chrysomelidae, Coleoptera) in the central portion of the Dnieper Valley. N. D. Hlobova. Nauk. zap. Kiev. un. 8 no. 6:73-86 '49.

DNIEPER VALLEY—GEOLOGY, STRUCTURAL

On differences existing between the geological structure of the Polesk and the Dnieper-Donets depressions. I. IU. Lapkin, E. M. Liutkevich. Dokl. AN SSSR 108 no. 5:927-930 Je '56.

DNIEPER VALLEY—LIZARDS

Ecology and economic value of the sand lizard (Lacerta agilis L.) in the forest-steppe region of the Dnieper Valley. IU. I. Pashchenko. Nauk. zap. Kiev. un. 13 no. 12:93-100 '54.

DNIEPER VALLEY—LOESS
Engineering geological properties of loess rocks from the right bank of the lower Dnieper region and the conditions of their formation. V. E. Kraev. Dokl. AN SSSR 109 no. 3:611-613 Jl '56.

DNIEPER VALLEY—MAMMALS, FOSSIL
Fossil fauna in alluvial sands of the Central Dnieper Valley (mammals). O. P. Kornieiev. Nauk. zap. Kiev. un. 12 no. 3:5-48 '53.

DNIEPER VALLEY—MYXOMYCETES
Data on the Myxomycetes in the central portion of the Dnieper Valley. Z. H. Lavits'ka. Nauk. zap. Kiev. un. 8 no. 6:47-49 '49.

DNIEPER VALLEY—PRECAST CONCRETE CONSTRUCTION
Introducing the use of precast reinforced concrete elements on projects built in the Dnieper region. A. N. Komar, V. G. Kanishchev. Strot. prom. 34 no. 9:12-18 S '56.

DNIEPER VALLEY—TREMATODA
Materials on trematodes in fish-eating birds in the Central Dnieper Valley. L. A. Smogorzhevskaia. Nauk. zap. Kiev. un. 12 no. 7:169-172 '53.

DNIESTER—FISHES
Fishes and fisheries of the Dniester. M. S. Burnashev, V. S. Chepurnov, V. N. Dolgii. Uch. zap. Kish. un. 13:17-40 '54.

DNIESTER VALLEY—PALEONTOLOGY
Paleocene deposits in the Dniester Valley. M. N. Kliushnikov. Nauk. zap. Kiev. un. 9 no. 10:99-106 '50.

DNIESTER VALLEY—UKRAINIAN LANGUAGE—DIALECTS
Study of the syntax of the Ukrainian dialects of the lower Dniester Valley. I. O. Dzendzelivs'kyi. Dial. biul. no. 5:59-78 '55.

DNIESTER VALLEY—VITICULTURE
Irrigation of vineyards in the southern part of the Dniester Valley. P. I. Kolos. Sad. vin. Mold. 11 no. 4:16-20 Jl-Ag '56.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861
N. G. Chernyshevskii and N. A. Dobrolilubov on language and its study. V. I. Masal'skii. Nauk. zap. Kiev. un. 14 no. 2:5-38 '55.
N. G. Chernyshevskii and N. A. Dobrolilubov on the role of the masses and the individual in history. I. S. Perlov. Pratsi Od. un. 145:259-275 '55.

DOCK HANDS see subdivision 'Longshoremen' under Australia

DOCUMENTARY FILMS see Motion pictures, Documentary

DOCUMENTS see Archives

DODDER
Developing effective methods for combating dodder in alfalfa seeds. S. M. Khamitova. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:119-132 '55.

DOG SHOWS see subdivision under Leningrad; Moscow

DOGS
Effect of dibazole on conditional reflexes in dogs. I. A. Medianik, A. K. Starostiuk. Nauk. zap. L'viv. un. 26:18-38 '54.
Effect of epiohyspasmin on conditional reflexes in dogs. I. A. Medianik, A. K. Starostiuk. Nauk. zap. L'viv. un. 26:40-57 '54.
For better management in dog keeping. N. Grave. Okh. i okh. khoz. no. 8:58-59 Ag '56.

DOGS—DISEASES AND PESTS
What kind of vessel should be used to feed dogs. Okh. i okh. khoz. no. 9:38 S '56.

DOGS AS CARRIERS OF DISEASE
Red fox and dogs as carriers of Brucella. M. M. Rementseva, A. I. Guliaev, V. F. Solomina. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:62-69 '56.

DOGWOOD
Cornelliancherry as a remedy in the treatment of enteritis, enterocolitis, gastroenterocolitis and hemocolitis. N. A. Kryzhanovskii. Fel'd. i akush. 21 no. 8:48-49 Ag '56.

DOLGUSHIN, ALEKSANDR
The Dolgushin Prize. E. Rubin. Smena 33 no. 11:23 Je '56.

DOLOMITE
Interaction of semiroasted dolomite with strontium ions in aqueous solutions. V. F. Bagretsov. Zhur. neorg. khim. 1 no. 1:179-187 [Jan.] '56.
Mechanized unloading of burned dolomite from cupola furnaces. A. P. Alimov. Ogneupory 21 no. 5:230-233 '56.
Separation of magnesite and dolomite ores in heavy fluids. S. G. Evseevich. Gor. zhur. no. 8:14-17 Ag '56.
Study of the interaction of dolomite with sodium sulfate solutions. O. K. IAnat'eva. Zhur. neorg. khim. 1 no. 4:751-757 Ap '56.

DOMES
Designing dome roofing for buildings utilizing symmetry. A. D. Liberman. Prykl. mekh. 2 no. 2:196-203 '56.

DOMESTIC ANIMALS
Conference on problems of the individual development of farm animals. S. N. Bogoliubskii. Usp. sovr. biol. 42 no. 1:115-120 Jl-Ag '56.

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DOMESTIC ANIMALS AS CARRIERS OF DISEASE
Domestic animals as a source of Listeria infection. A. L. Kornilova. Zhur. mikrobiol. epid. i immun. 27 no. 9:68-73 S '56.

DOMESTIC RELATIONS
System of Soviet family law and its place in the general system of socialist law. V. I. Boshko. Nauk. zap. Kiev. un. 7 no. 2:5-28 '48.

DOMESTICATION
Origin of animal husbandry as a branch of primitive economy. S. N. Bogoliubskii. Biul. MOIP. Otd. biol. 61 no. 3:105-106 My-Je '56.

DON VALLEY—STONE AGE
Study of paleolithic relics in the lower Don Valley. V. P. Shilov. Krat. soob. IIMK no. 64:130-131 '56.

DONETS, NINA ARTEM'EVNA
Nina Artem'evna Donets. V. A. Igoshin. Med. sestra 15 no. 7:31 Jl '56.

DONETS BASIN
Prognimak, D.IA., and B.K.Kuklin. [Working Donets Basin coal beds through inclined winzes to lateral or group drifts] Opyt razrabotki ugol'nykh plastov Donbassa cherez naklonnye gezenki na polevye ili gruppovye shtreki. Moskva, Ugletekhizdat, 1956. 38 p.

DONETS BASIN—COAL
Coals of western Donets Basin as a raw material for coking. M. D. Shapiro, L. S. Al'terman, N. S. Keitel'-gisser. Koks i khim. no. 6:3-8 '56.

DONETS BASIN—COAL GEOLOGY
Botvinkina, L. N., and others. [Atlas of lithogenous type middle carboniferous coal deposits in Donets Basin] Atlas litogeneticheskikh tipov ugленosnykh otlozhenii srednego karbona, Donetskogo basseina. Moskva, Izd-vo Akademii nauk SSSR, 1956. 367 p.

DONETS BASIN—COAL MINERS
In the miners' park. Mast. ugl. 5 no. 9:20 S '56.
Next shift to the stope. M. Vitimov. Mol. komm. 14 no. 9:32-34 S '56.
Young patriots go to the Donets Basin. Mol. komm. 14 no. 9:31-32 S '56.

DONETS BASIN—COAL MINES AND MINING
Introduce without fear the system of complete roof caving. N. Schegel'skaia. Mast. ugl. 5 no. 9:9-10 S '56.
Mikhail Tarasov's valuable initiative. Mast. ugl. 5 no. 9:27 S '56.
Mine without slag heaps. M. Noryns'kyi, M. Lanhman. Ukraina no. 17:3 S '56.
Miners' territory; for the agitator's and propagandist's notebook. V. Koroviakov. Mol. komm. 14 no. 9:38-41 S '56.
More coal, Donets Basin miners! Ukraina no. 17:2 S '56.
Reconstruction of the Donets coal basin during the Great Patriotic War; 1943-1945. V. A. Ezhov. Vest. Len. un. 11 no. 14:22-38 '56.
Sharovarskii, L.R. [Four years of work on a round-the clock schedule] Chetyre goda raboty po tsiklichnomu grafiku. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 46 p. (Rasskazy novatorov)
Size of the lead for haulage entries in long face mining and the effect this factor has on longwall operations. V. S. Beliaev. Ugol' 31 no. 8:18-21 Ag '56.
Young miners' achievements. V. Diadyk. Mast. ugl. 5 no. 9:12-13 S '56.

DONETS BASIN—COAL MINES AND MINING—ACCOUNTING
Business accounting in a section. Mast. ugl. 5 no. 9:27 S '56.

DONETS BASIN—COAL MINING MACHINERY
Futher utilization of cutter-loader potentialities. N. Kostiuk. Mast. ugl. 5 no. 9:7-8 S '56.

DONETS BASIN—CONSTRUCTION INDUSTRY
With no outside help. S. Mikhalenkov. Sov. profsoiuzy 4 no. 8:62-64 Ag '56.

DONETS BASIN—FORAMINIFERA, FOSSIL
New varieties of Formaminifera in lower Visean formations in the Donets Basin. M. V. Vdovenko. Nauk. zap. Kiev. un. 13 no. 4:63-76 '54.

DONETS BASIN—GEOLOGY—STUDY AND TEACHING
Geological practice training in the Donets Basin. A. D. Kudelia. Nauk. zap. Kiev. un. 13 no. 4:39-54 '54.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC
Concerning the change in physical geography features in the upper Carboniferous of the Donets Basin in connection with the occurrence of tectonic movements. V. A. Bankovskii. Izv. AN SSSR. Ser. geol. 21 no. 7:111-113 Jl '56.
Faunal characteristics of the lower Tournaisian layers of the Donets Basin. D. E. Aizenverg, N. E. Brazhnikova. Dokl. AN SSSR 108 no. 5:907-909 Je '56.
Stratigraphy of Permian deposits in the Donets Basin. L. P. Nesterenko. Izv. AN SSSR. Ser. geol 21 no. 7:33-46 Jl '56.

DONETS BASIN—JOURNALISM—COAL MINES AND MINING
Out pledge. I. Domanov. Sov. pech. no. 9:4-6 S '56.

DONETS BASIN—LABOR AND LABORING CLASSES
In the Donets Basin. VI. Rudim. Ogonek 34 no. 35:3-4 Ag '56.

DONETS BASIN—LANDSLIDES
Underwater slipping in the stratum of the $C_3^1$ formation in the Donets Basin. B. I. Chernyshev. Nauk. zap. Kiev. un. 9 no. 10:77-82 '50.

DONETS, BASIN—MIGRATION, INTERNAL
Next shift to the stope. M. Vitimov. Mol. komm. 14 no. 9:32-34 S '56.
Young patriots go to the Donets Basin. Mol. komm. 14 no. 9:31-32 S '56.

DONETS BASIN—MINE DUSTS
Apparatus for dry dust collection. D. Vladimirov. Mast. ugl. 5 no. 9:22 S '56.
Dust filtering respirator. Mast. ugl. 5 no. 9:20 S '56.

DONETS BASIN—POLLEN, FOSSIL
Angiosperms in the lower Carboniferous deposits of the western extension of the Donets Basin. V. K. Teteriuk. Dokl. AN SSSR 109 no. 5:1032-1034 Ag '56.

DONETS BASIN—ROCKS
Hercynian effusive rocks in the southern part of the Donets Basin. T. S. Usenko, L. H. Bernads'ka, H. O. Makukhina. Nauk. zap. Kiev. un. 13 no. 4:126-154 '54.

DONETS BASIN—SHAFT SINKING
In complex hydrogeological conditions. G. Bravinskii. Mast. ugl. 5 no. 9:13-14 S '56.

DONETS RIDGE—GEOLOGY, STRATIGRAPHIC
Lower Tertiary formations on the western edge of the Donets Ridge. M. M. Kliushnikov. Nauk. zap. Kiev. un. 13 no. 4:5-20 '54.

DONETSKYI KRYAZH—GEOLOGY, STRATIGRAPHIC
Lower Tertiary formations on the northern edge of the Donets Ridge. M. N. Kliushnikov. Nauk. zap. Kiev. un. 12 no. 4:15-35 '53.

DOORS
Reinforced concrete doors for dry kilns. K. IU. Dzbanek. Der. prom. 5 no. 9:22-23 S '56.

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881
The dispute over Dostoevskii ("F. M. Dostoevskii," V. Ermilov. Reviewed by E. Knipovich). Znamia 26 no. 9:182-186 S '56.
Seventy-fifth anniversary of the death of F. M. Dostoevskii. U. A. Gural'nik. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:305-306 Jl-Ag '56.

DOUBLE INTEGRALS see Integrals, Multiple

DOUBLE SALTS see Salts, Double

DOUBLE STARS see Stars, Double

DOUGH
Effect of added phosphatide concentrates on the technological process of wheat bread manufacture. L. I. Puchkova, V. S. Chistova. Trudy MTIPP 4:96-104 '56.
Relationship between the final rising period and the electroconductivity of the dough. IA. G. Ostrovskii and others. Trudy MTIPP 4:56-61 '56.
Technological calculations pertaining to the continuous process of dough preparation. N. I. Nazarov. Trudy MTIPP 4:86-95 '56.
Use of electric contact heating for preparing scalded wheat flour mash and for investigating the saccharification of mash. L. IA. Auerman, and others. Trudy MTIPP 4:62-70 '56.

DRAFT HORSES
(see also subdivision under Pskov Province)
Pochinki Stud Farm. T. Bogdanov. Konevodstvo 26 no. 7:13-16 Jl '56.
Urgent tasks in breeding draft horses. A. Remizov. Konevodstvo 26 no. 8:6-11 Ag '56.

DRAGONFLIES see subdivision under Russia, Northern

DRAINAGE
(see also subdivision under Poland; Polesye; Tajikistan)
Designing water drainage facilities for railroad station areas. P. S. Krutenkov. Transp. stroi. 0 no. 9: 18-10 Ag '56.
Drainage of peat deposits fed by ground water under pressure. S. P. Raevskii, M. V. Zenkov. Torf. prom. 33 no. 6:32-33 '56.
Problem of determining the effective range of drain pipes. I. K Penskoi. Dokl. Akad. sel'khoz. 21 no. 7: 36-40 Jl '56.
Use of drainage networks. V. M. Zubets. Gidr. i mel. 8 no. 9:38-45 S '56.

DRAMA
Plays by dramatists of the fraternal republics. Teatr 17 no. 8:121 Ag '56.

DRAMA—HISTORY AND CRITICISM
Publication; Branislav Nusic's ten commandments. Teatr 17 no. 8:150-151 Ag '56.

DRAMATIC CRITICISM
Unclean hands. Teatr 17 no. 9:160 S '56.

DRAWING—INSTRUCTION
Tasks in school drawing. V. V. Sizikov. Vop. izobr. isk. no. 2:95-103 '55.

DRDA, JAN
Characters dear to readers' hearts ("The red Tortiza," Jan Drda. Translated into Georgian from the Czech. Reviewed by Georgii Tavzishvili). Slaviano no. 10:60-61 O '56.

DREDGING MACHINERY
(see also subdivision under Leningrad)
Small-sized MZU dredge. A. M. TSarevskii, B. I. Pugavko. Mekh. trud. rab. 10 no. 8:41-42 Ag '56.
Wash zone during suction of sandy soils. D. V. Roshchupkin. Transp. stroi. 6 no. 9:22-23 Ag '56.

DRESS see Clothing and dress

DRESSING OF ORES see Ore dressing

DRESSMAKING
[Cutting out and sewing] Kroika i shil'e. Izd. 2-oe, ispr. i dop. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 559 p.

DREVITSA, LAKE—FRESH-WATER BIOLOGY
Dissertation defended. L. I. Komarova. Mikrobiologiia 25 no. 4:521 Jl-Ag '56.

DRILL (AGRICULTURAL IMPLEMENT)
Regulating the rate of seeding based on a linear meter. N. Galkovskii. MTS 10 no. 9:20 S '56.

DRILLING AND BORING MACHINERY
Machine for processing piston pin holes. A. A. Lavin, IA. V. Loginov. Stan. i instr. 27 no. 7:20-24 Jl '56.
Vibration-resisting boring mandrels. L. K. Kuchina. Vest. mash. 36 no. 9:33-39 S '56.

DRINKS see Beverages

DRIVERS, AUTOMOBILE see Automobile drivers

DROGOBYCH PROVINCE—DESCRIPTION AND TRAVEL
Great restoration. Mykola Kostenko. Zhovten' no. 8: 66-70 Ag '56.
In the Great Mason's land. IAkiv Shatsiuk. Zmina no. 8:9-10 Ag '56.

DROGOBYCH PROVINCE—STOCK AND STOCKBREEDING
Present state and prospects for the development of stockbreeding in Drogobych Province. I. I. Svarychevs'kyi. Dop. ta pov. L'viv. un. no. 5, pt. 2:40-51 '55.

DROP TESTS (CHEMISTRY) see Spot tests (Chemistry)

DROUGHTS see subdivision under Kazakhstan

DRUGS
[Notes on new medicinal agents.] Annotatsii o novykh lekarstvennykh sredstvakh no. 3 '55. 34 p.

DRUGS—ADMINISTRATION AND DOSAGE
New remedies and their prescription. S. N. Nilovskaia. Med. sestra 15 no. 7:26-30 Jl '56.

DRY FARMING see subdivision under Kazakhstan

DRYING APPARATUS
Using "Kuzbass" grain dryers for drying retted flax straw. A. A. Cherviakovskii. Len. i konop. no. 4:47-48 Je '56.

DRZICK MARIN, 1508 (ca.)-1567
Marin Drzic. Ell Finci. Teatr 17 no. 8:140-147 Ag '56.

DUAL NATIONALITY
Soviet-Yugoslav agreement concerning citizenship. Mezhdunar. zhizn' no. 8:154-155 S '56.

DUCKS
Feeding of the common mallard on acorns. V. P. Teplov. Zool. zhur. 35 no. 8:1264-1265 Ag '56.
A traveling duck. P. IAkovlev. Okh. i okh. khoz. no. 9: 30 S '56.

DUCKS—DISEASES
Poisoning of ducks by belladonna seeds. N. P. Ostroukh. Veterinariia 33 no. 9:60 S '56.

DUCKS—FEEDING AND FEEDING STUFFS
Feeding silage to ducks and geese. A. U. Bykhovets', Sots. tvar. 28 no. 10:35-37 O '56.

DUCLOS, JACQUES, 1896-
People in the news. Nov. vrem. 14 no. 42:30 O '56.

DUCTUS ARTERIOSUS—SURGERY
Ligation of patent ductus arteriosus in paroxysmal tachycardia. N. K. Galankin. Vest. khir. 77 no. 7: 136-137 Jl '56.
Pneumonectomy for bronchiectasis with simultaneous ligation of patent ductus arteriosus. V. S. Shapkin. Vest. khir. 77 no. 7:136-139 Jl '56.

DUMBBELLS
Pustovoit, B. G. [Dumbbell callisthenics] Gantel'naia gimnastika. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 40 p.

DUNITE
Using dunite for thorough removal of oxygen from inert gases. R. E. Eisenberlin. Khim. prom. no. 4:244-245 Je '56.

DUODENUM—BLOOD SUPPLY
Inadequacy of the duodenal stump after ligation of the gastroduodenal artery in gastric resection [with summary in English, p. 159]. S. D. Popov. Vest. khir. 77 no. 8:46-53 Ag '56.

DUODENUM—DISEASES
Chronic duodenostases. G. G. Karavanov. Sov. med. 20 no. 7:51-56 Jl '56.
Internal fistulae of the duodenum [with summary in English, p. 158]. A. V. Mel'nikov. Vest. khir. 77 no. 8:29-40 Ag '56.

DUPUYTREN'S CONTRACTION see Fingers—Abnormities and deformities

DURA MATER
Embryogenesis of the dura mater and its processes. M. T. Burachinskii. Arkh. anat., gist. i embr. 33 no. 2: 35-37 Ap-Je '56.

DUST
Method of determining fibrous dust in the air by Kouzov's dust extractor. I. I. Lifshits, N. E. Kovarskaia. Gig. i san. 21 no. 9:02-03 S '56.

DUST—REMOVAL
Dust removal diagrams for cement mills by means of electric filters. A. S. Savel'ev. TSement 22 no. 4: 9-13 Jl-Ag '56.

DUST COLLECTORS
Automation of rotary substations of electric separators. A. A. Smirnov. Energetik 4 no. 8:4-7 Ag '56.

DVINA VALLEY—LIMESTONE
Limestones of the Northern Dvina basin. P. S. Vlasov. Avt. dor. 19 no. 8:31-32 Ag '56.

DWARF FRUIT TREES
Potted dwarf fruit trees. I. V. TSitsygin. Priroda 45 no. 9:98-100 S '56.

DWELLINGS see subdivision under Dnepropetrovsk; Kharkov; Kiev; Zaporozhiye

DYES AND DYEING
Direct white dye. Prom. koop. no. 8:22 Ag '56.

DYES AND DYEING—CHEMISTRY
Absorption spectra of dibenzothiocarbocyanine dyes in aqueous gelatin solutions. A. V. Borin. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:111-117 Mr-Ap '56.
Effect of conjugate solubility of sudan III on the quantity of Nekal micelles. R. V. Kucher, N. IA. Ivanova, L. I. TSimbalistaia. Nauk. zap. L'viv. un. 34 :39-44 '55.
Some thoughts on the concept of "substantivity." P. P. Viktorov. Tekst. prom. 16 no. 8:44-45 Ag '56.

DYNAMICS
Certain properties of orbitals in a generalized dynamic system. IA. B. Rutyts'kyi. Nauk. zap. Kiev. un. 15 no. 7:75-82 '52.
On a sufficient test for isomorphism of dynamical systems. M. I. Graban', Dokl. AN SSSR 100 no. 3:431-433 Jl '56.
Spectrum of harmonized dynamical systems. M. I. Graban'. Dokl. AN SSSR 108 no. 4:687-689 Ag '56.
Substitution for time in dynamical systems. M. I. Graban' Dokl. AN SSSR 100 no. 2:250-252 Jl '56.

DYNAMICS, MOLECULAR see Molecular dynamics

DYNAMOMETER
Devices for controlling technical processes. Poligr. proizv. no. 4:16 Jl-Ag '56.
Dynamometer for measuring metal cutting forces. K. K. Namitokov, E. M. Ganapolskii. Vest. mash. 36 no. 8: 47-48 '56.

DYSENTERY
"Bacillary dysentery in children." A. L. Libov. Reviewed by V. D. Belikova-Aldakova. Sov. med. 20 no. 8:93-94 Ag '56.
Biomycin for treating acute dysentery in adults. N. I. Richenko, N. V. Petrovskaia, V. I. Formaziuk. Klin. med. 34 no. 7:91 Jl '56.
Clinical aspects of dysentery brought about by different causative organisms. A. A. Kliucharev. Sov. med. 20 no. 7:62-64 Jl '56.
Comparative evaluation of various methods for taking material to be tested for dysentery. L. I. Shershacheva, K. G. Vdovenko and T. M. Muzlukina. Lab. delo 2 no. 2: 25-26 Mr-Ap '56.
Duration of dysentery in children. N. V. Vorotyntseva, I. S. Vintovkina. Sov. med. 20 no. 8:35-39 Ag '56.
Dysentery and its control. S. I. Ratner. Med. sestra 15 no. 7:19-21 Jl '56.
Lingering and chronic dysentery in children. E. D. Beliaeva. Med. sestra 15 no. 7:8-11 Jl '56.
Omelianskii's modified medium in bacteriological diagnosis of dysentery. R. B. Sharinova-Gekker. Lab. delo 2 no. 2:27-28 Mr-Ap '56.
Out-patient treatment of dysentery in adults. G. I. Khomenko and others. Sov. med. 20 no. 8:70-74 Ag '56.
Phagocytic reaction in dysentery; author abstract. A. P. Egorova. Zhur. mikrobiol., epid. i immun. 27 no. 8: 101 Ag '56.
Preservation of feces in the test for dysentery. A. D. Bolarskaia. Lab. delo 2 no. 2:26-27 Mr-Ap '56.
Results of treating chronic dysentery in children with synthomycin and streptomycin with ecmoline. R. Z. Sherman, S. D. Tatarinova, M. P. IAkimova. Klin. med. 34 no. 7:90 Jl '56.
Therapeutic diet in dysentery. S. P. Dolgopiatova. Med. sestra 15 no. 7:17-19 Jl '56.

DYSENTERY—DIAGNOSIS
"Rectoromanoscopy in bacillary dysentery in children and adults." D. V. Poleshko, A. S. Poltakova. Reviewed by A. I. Kortev. Sov. med. 20 no. 8:94-95 Ag '56.

DYSENTERY—PREVENTIVE INOCULATION
Effectiveness of preliminary vaccination against dysentery in experimental conditions in monkeys. M. A. Tumian, E. K. Dzhikidze, A. S. Aksenova. Zhur. mikrobiol. epid. i immun. 27 no. 9:81-86 S '56.
Optimal conditions for the preparation and use of vaccines from whole antigens. Report no. 2: Immunogenic properties of vaccines. IU. A. Polapchik. Zhur. mikrobiol., epid. i immun. 27 no. 8:60-66 Ag '56.

DYSTROPHY, MUSCULAR
Myotonic dystrophy. B. M. Man'kovs'kyi, S. V. Lytovchenko. Fiziol. zhur. [Ukr.] 2 no. 3:38-46 My-Je '56.

DZHERMUK—MINERAL WATERS
Effect of Dzhermuk mineral water on the motor function of the gall bladder. S. A. Mirzoian, S. V. Dovlatian. Vop. kur. fizioter. i tech. fiz. kul't. 21 no. 3:18-22 Jl-S '56.
Iron-ocherous paste made of the deposit sediments of "Dzhermuk" mineral waters. E. S. Gazarian. Dokl. AN Arm. SSR 10 no. 5:229-232 '49.

DZERZHINSK—THEATER
"Let us remember, comrades." Teatr 17 no. 9:156 S '56.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926
Felika Dzerzhinskii's diary and letters. V. Sinaiskaia. Mol. komm. 14 no. 9:125-127 S '56.
Knight of the revolution ("Feliks Dzerzhinskii; diary and letters." Reviewed by P. Kalenychenko). Ukraina no. 19:14 O '56.
Weapon of struggle and victory ("Diary and letters." Feliks Dzerzhinskii. Reviewed by N. Golyshev). Mol. kolkh. 23 no. 8:7 Ag '56.

DZHALIL', MUSA, 1906-1944
Gabidullin, R. M., and A. P. Lotsmanova. [Musa Dzhalil' (1906-1944); a reader's manual] Musa Dzhalil' (1906-1944); pamiatka chitateliu, Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 28 p.

DZHAMBUL DISTRICT—HARVESTING
Bread from new lands. Irina Il'icheva. Rabotnitsa 34 no. 9:6-8 S '56.

DZHETU-SU—SHEEP
Development of sheep breeding in Semirech'ye. E. Lastovskii. Komm. Kazakh. 26 no. 9:20-28 S '56.

DZHEZKAZGAN—WORMS, INTESTINAL AND PARASITIC
Possibility of the development of occupational helminthiasis in mines in Dzhezkazgan. V. IA. Kuz'michev, E. I. Fedorova. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:112-115 '56.

DZHEZKAZGAN DISTRICT—APPLE—DISEASES AND PESTS
Controlling apple tree chlorosis in Dzhezkazgan District. N. E. Permitin. Trudy Inst. bot. AN Kazakh. SSR 3:225-228 '56.

EAR—CARE AND HYGIENE
Earwax plug. I.S.Sakolov. Fel'd. i akush. 21 no.7:31-33 Jl '56.

EARTH
Baev, K.L. [The earth and the planets] Zemlia i planety. Izd.2-oe, perer. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956, 46 p. (Nauchno-prosvetitel'naia biblioteka, no.12)
Determining the earth's albedo. V.M.Kazachevskii. Izv.Astrofiz.Inst.AN Kazakh.SSR 1 no.1/2:56-64 '55.
Earth and the sun. I.A.Khvostikov. Znan.sila 31 no.9:8-12 S '56.

EARTH—INTERNAL STRUCTURE
Expedition to the interior of the earth. Znan.sila 31 no.9:35 S '56.
Mechanism of the stratification of earth. G.D.Panasenko. Dokl.AN Tadzh.SSR no.1:3-7 '51.

EARTH—SURFACE see subdivision under Caucasus

EARTH MOVEMENTS
Role of vertical and horizontal movements in tectonic development according to gravimetric data. P.IA. Galushko. Nauk.zap.Kiev.un. 12 no.4:87-92 '53.

EARTHENWARE STOVES see Stoves, Earthenware

EARTHMOVING MACHINERY
Experimental testing of machines used for working frozen ground. M.I.Gal'perin. Stroi.prom. 34 no.9:11-12 S '56.

EARTHQUAKES see subdivision under Shemakha

EARTHQUAKES—MEASUREMENT see Seismometry

EARTHQUAKES AND BUILDING
Calculating reinforced brick smokestacks for both horizontal and vertical loading. K.S.Zavriev. Trudy Inst.stroi.dela AN Gruz.SSR 3:1-10 '51.
Calculating sloping envelopes for earthquake resistance [in Georgian with summary in Russian]. O.D.Oniashvili. Trudy Inst.stroi.dela AN Gruz.SSR 3:43-59 '51.
Concerning amplitudes of natural oscillations [in Georgian with summary in Russian]. E.A.Sekhniashvili. Trudy Inst.stroi.dela An Gruz.SSR 4:73-96 '53.
Effect of earthquakes on buildings. A.L.Churaian, Sh.G. Napetvaridze, Sh.A.Dzhabua. Trudy Inst.stroi.dela AN Gruz.SSR 3:113-149 '51.
Phenomenon of lifting of material bodies during earthquakes. P.M.Drachuk. Izv.Otd.est.nauk AN Tadzh.SSR no.9:69-81 '55.

EARTHS, MEDICAL AND SURGICAL USES OF
Therapeutic effect of sapropel. O.I.Komarova. Veterinariia 33 no.9:46-47 S '56.

EARTHS, RARE
Yttrium and cerium ferrocyanides. I.V.Tananaev, G.B. Seifer. Zhur.neorg.khim. 1 no.1:53-63 [Jan.] '56.

EARTHWORK
Degtiarev, A.P. [Efficient methods in earthwork] Ratsional'nye metody proizvodstva zemlianykh rabot. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitektury, 1956. 27 p. (Novatory stroitel'noi industrii)
On the steepness of slopes in foundation pits. S.N. Moiseev. Gidr.stroi. 25 no.7:24-26 Ag '56.

EARTHWORK—COLD WEATHER CONDITIONS
Earthwork under cold weather conditions. S.F.Gusakov, A.S.Vaiogant. Stroi.prom. 34 no.9:7-10 S '56.

EAST (FAR EAST) see Far East

— East

Soviet Far East

st

ar Ceylon

ARCHAEOLOGY)

a. Vokrug sveta

astern

Orthodox Eastern

on peaceful coexist-
-31 S '56.

he family Ebenaceae
Bot.zhur. 41 no.6:

58. A.A.Kaverin.

under Kammennaya

ECLIPSES, SOLAR—1955
Changes in the number of blood-sucking insects attacking man during the solar eclipse of June 30, 1954. V.F. Evlakhova. Med.paraz.i paraz.bol. 25 no.3:271 Jl-S '56.

ECONOMIC ASSISTANCE see subdivision under China

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Yugoslavia

ECONOMIC BOTANY see Botany, Economic

ECONOMIC CONDITIONS
The socialist system advances without crises and shocks. A.Alekseev. Mol.komm. 14 no.8:0-18 Ag '56.

ECONOMIC GEOGRAPHY see Geography, Economic

ECONOMIC RELATIONS, FOREIGN see Foreign economic relations

ECONOMICS
Basic contradiction in the socialist means of production. N.V.Medvedev. Vop.filos. no.4:157-164 '56.
Concerning the discussion on the effect of economic laws in antagonistic formations. Vop.ist. no.7:66-67 Jl '56.
A concrete approach to the problem of contradictions is indispensable. I.S.Perlov. Vop.filos. no.4:164-168 '56.
Indexes of the economic strength of a country. IU. Ol'sevich. Vop.ekon. no.9:152-154 S '56.
Leont'ev, L.A. [What is political economy] Chto takoe politicheskaia ekonomiia. [Moskva] Moskovskii rabochii, 1956. 69 p.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economic

ECONOMICS—STUDY AND TEACHING
Build a textbook literature on the economic aspects of various fields. N.S. Vaisberg and others. Vest.vys. shkoly 14 no.9:53-55 S '56.
Course projects in industrial economics and organization. A.P. Krassovskii. Vest.vys.shkoly 14 no.9:17-19 S '56.
A department of political economy organizes its instruction along new lines. N.F. Lebedinskii. Vest.vys. shkoly 14 no.9:19-20 S '56.
Improving the economic training of students in technical schools. Vest.vys.shkoly 14 no.9:43-44 S '56.
Lecture series on applied economics for young people in a plant. Mol.komm. 14 no.9:107 S '56.
Metallurgists attain a knowledge of economics. L.Kozlov, S.Presniakov. Komm.Kazakh. 26 no.10:24-26 O '56.
Model curriculum for a two-year school of economics. Part. zhizn' no.16:31-36 Ag '56.
Pay more attention to the economic aspects of diploma projects; remarks by members of the State Examination Commission. E.A. Berkov, V.V. Negin. Vest.vys. shkoly 14 no.9:14-17 S '56.
Promote the collaboration of teachers in various fields. S.F. Shershov. Vest.vys.shkoly 14 no.9:11-14 S '56.
"School of economics." A.P.Lisovin. Reviewed by A.Tolkachev. Part.zhizn' no.15:73-76 Ag '56.
Young people need knowledge in economics. P.Bolov. Mol.komm. 14 no.9:108-112 S '56.

ECUADOR—MOUNTAINEERING
Eternal snows in the land of the equinox. Mol.mira no.7:11 '56.

ECZEMA
Using vitamin A in eczema. E.A.Kadyseva. Vest.ven. i derm. 30 no.4:54-56 Jl-Ag '56.

EDUCATION
(see also subdivision under Germany, East; India; Moscow; Ukraine; White Russia)
An All-Russian conference on public education. Sov. pedag. 20 no.8:115-117 Ag '56.
Amendment to Article 121 of the Constitution (Basic law) of the U.S.S.R. Nar.obr. no.9:3 S '56.
Conference on the theoretical and practical aspects of educational work in the school. M.N.Terekhin. Sov. pedag. 20 no.9:125-126 Ag '56.
Eliminate the overloading of students. Sov.pedag. 20 no.9:127-128 S '56.
From the factory to college. Ogonek 34 no.35:1 Ag '56.
A glance at the foreign press. Nar.obr. no.9:86-87 S '56.
Goncharov, N.K. [Soviet schools in the sixth five-year plan] Sovetskaia shkola v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 2, no. 37)
Good initiative, useful deeds. Nar.obr. no.9:78 S '56.
Konstantinov, N.A. [A system of public education] Sistema narodnogo obrazovaniia. [Moskva] Izd-vo Moskovskogo univ., 1956. 30 p.
Perouskii, E.I. [Manual for instruction and training in schools] Kiraunitstva vuchebna-vykhavauchai rabotai u shkole. Pereklad z druhoha, vypr. 1 dap. ruskaha vyd. Minsk, Dziarzh.vuchebna-pedagag.vyd-va Ministerstva asvety BSSR, 1956. 293 p.
Raise the level of educational practice. Nar.obr. no.9: 4-10 S '56.
Read it yourself and recommend it to a teacher. Nar. obr. no.9:70 S '56.
School year has just begun. Sov.zhen. 12 no.9:23 S '56.
Svetlovskii, N.I. [Schools; a series of lectures on the subject "Planning and statistics of school education in the U.S.S.R."] Shkolovedenie; teiki lektsii po teme "Planirovanie i statistika shkol'nogo obrazovaniia v SSSR." Moskva, Izd.MGPI im.V.I.Lenina, 1955. 124 p.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES
The First International Conference on Pedagogical Research. Sov.pedag. 20 no.10:118-121 O '56.

EDUCATION—CURRICULA
Urgent problem. P.Basenko. Sov.Ukr. 6 no.8:147-153 Ag '56.

EDUCATION—HISTORY
The great defects of a manual ("History of education." Reviewed by V.I.Lis, P.I.Plotnikov, P.V.Titkov). Sov.pedag. 20 no.8:00-105 Ag '56.
The principle of education in conformity with nature in the history of pedagogy. E.N.Medynskii. Sov.pedag. 20 no.8:52-67 Ag '56.

EDUCATION—PERIODICALS
(see also subdivision under Germany, East; Kazakhstan)
Conference of readers of pedagogical periodicals. Rad.shk. 35 no.9:03-04 S '56.

EDUCATION—STATISTICS
Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Construction of cultural facilities in the U.S.S.R.; a statistical compendium] Kul'turnoe stroitel'stvo SSSR; statisticheskii sbornik. Moskva, Gos. statisticheskoe izd-vo, 1956. 331 p.

EDUCATION—STUDY AND TEACHING
Overcome the effects of the cult of the individual in education. Sov.pedag. 20 no.9:3-18 S '56.
Research activity of the pedagogical institutes. Sov. pedag. 20 no.10:124-126 O '56.
"Selected educational works." N.K.Krupskaia. Reviewed by E.P.Eremina. Sov.pedag. 20 no.9:118-123 S '56.
Theory of training in a course on pedagogy. N.V. Savin. Sov.pedag. 20 no.10:104-108 O '56.
Urgent tasks for pedagogics. S.Kh.Chavdarov, M.M. Hryshchenko. Rad.shk. 35 no.9:11-21 S '56.

EDUCATION, COMMUNIST see Communist education

EDUCATION, COOPERATIVE
Study of the technical principles of industrial production on the basis of one enterprises. S.A.Shaporinskii. Sov.pedag. 20 no.8:26-37 Ag '56.
The systematic orientation of older students to work in industries. M.I.Rozenberg. Sov.pedag. 20 no.8: 10-24 Ag '56.

EDUCATION, COOPERATIVE—HISTORY
Work training experiment in the P.N.Loposhinskii School-Commune of the People's Commissariat of Education. R.M.Mikel'son. Sov.pedag. 20 no.9:93-99 S '56.

EDUCATION, HIGHER
(see also subdivision under China; Ukraine)
Brief news. Vest.vys.shkoly 14 no.9:03-04 S '56.
Higher education in the sixth five-year plan. Sov.Soiuz no.9:36 S '56.
Reorganize higher educational practice more boldly. Vest.vys.shkoly 14 no.9:1-5 S '56.

EDUCATION, INDUSTRIAL see Technical education

EDUCATION, MEDICAL see Medicine—Study and teaching

EDUCATION, MILITARY see Military education

EDUCATION, MUSICAL see Music—Instruction and study

EDUCATION, PHYSICAL see Physical education and training

EDUCATION, PRESCHOOL
Homework for preschool children. Sem'ia i shkola 11 no.9:25-26 S '56.
Markova, T.A. [Family preparation of children for school] Podgotovka detei k shkole v sem'e. Moskva, Izd-vo Akademii pedagog.nauk RSFSR, 1956. 104 p. (Pedagogicheskie sovety roditeliam)

EDUCATION, SECONDARY
For close cooperation between schools and industry (review of readers' letters.) Sov.profsoiuzy 4 no.9: 64-66 S '56.

EDUCATION, SECONDARY (Continued)
Nation-wide cause. Sem'ia i shkola 11 no. 9:1-3 S '56.
Secondary education for every young worker. A. Makeev. Sov. profsoiuzy 4 no. 9:59-63 S '56.

EDUCATION, VISUAL see Visual education

EDUCATION, VOCATIONAL see Vocational education

EDUCATION OF CHILDREN
All school-age children, to your desks! Sem'ia i shkola 11 no. 10:1-3 O '56.
Education of children with defective hearing in regular schools. R. M. Boskis. Sov. pedag. 20 no. 8:43-51 Ag '56.
Living traditions. Viktor Bagramovskii. Znamia 26 no. 9:137-156 S '56.
My work with Communist Youth League members from a class. I. Goncharov. Mol. komm. 14 no. 9:76-79 S '56.
Training children to be self-reliant. IE. Semashko. Doshk. vykh. 17 no. 9:20-25 S '56.
Training the student body. E. Guildova, K. Radina. Nar. obr. no. 9:30-35 S '56.

EDUCATION OF CHILDREN—OCCUPATIONS AND BUSY WORK
Some forms of the organization of children's work activity. T. Vvedens'ka. Doshk. vykh. 17 no. 9:5-9 S '56.

EDUCATIONAL PSYCHOLOGY
Development of responsible fulfillment of school obligations in first grade students. L. S. Slavina. Vop. psikhol. 2 no. 4:95-105 Jl-Ag '56.
School characteristics of pupils. B. F. Baiov. Rad. shk. 35 no. 9:22-27 S '56.
Tasks of psychology in the field of practical science instruction. M. N. Skatkin. Vop. psikhol. 2 no. 4:3-11 Jl-Ag '56.

EELS see subdivision under Ukraine

EFENDIEV, I.
Conflicts, characters, and language. Kadyr Ismailov. Lit. Azerb. 14 no. 9:84-88 S '56.

EFFECT OF TEMPERATURE ON METALS see Metals, Effect of temperature on

EFFICIENCY, INDUSTRIAL
(see also subdivision Bashkiria; Czechoslovakia; Leningrad; Penza Province; Uzbekistan)
Chu, Shun-Yu. [Always work creatively. Translated from the Chinese] Vsegda rabotat' tvorcheski. [Perevod s kitaiskogo T. Skvortsova-Tokurina.] [Moskva] Izd-vo VTsSPS Profizdat, 1956. 41 p. (Iz opyta novatorov stran narodnoi demokratii)
Efficiency innovators and inventors of Moscow's local industries. S. R. Fol'dman. Gor. khoz. Mosk. 30 no. 7:27-30 Jl '56.
Hindrances which must be eliminated. I. Bukharov. Sov. profsoiuzy 4 no. 9:41-42 S '56.
Improve technical control sections. D. Petrov. Prom. koop. no. 9:25 S '56.
Keep track of the minutes. T. Nikitina. Prom. koop. no. 9:17 S '56.
Laiein, L. K. [Working means daring] Trudit'sia - znachit dorzat'. Moskva, Gos. izd-vo polit. lit-ry, 1956. 39 p.
Make wider use of the experience of progressive workers. Mosk. prop. 13 no. 6:3-6 Ag '56.
They are learning related operations. L. Borisov. Mol. komm. 14 no. 9:62-63 S '56.

EGGPLANT
Using trace elements in foliar nutrition of eggplants. O. K. Dobroliubskii, L. I. Zhivitskaia. Sad i og. no. 8: 24-26 Ag '56.

EGGS
Folding boxes for packing eggs. A. Kozlov. Nov. torg. tekh. no. 3:24 '56.

EGGS—PRODUCTION
Culling caged layers on the basis of periodical records of egg production. N. V. Pigarev, O. N. Nadinskaia. Ptitsevodstvo 0 no. 9:36-38 S '56.
Egg production in foreign countries. I. I. Nazarenko. Ptitsevodstvo 6 no. 9:45-46 S '56.
High egg production of turkeys. V. A. Shlapak, A. A. Voronkina. Ptitsevodstvo 0 no. 9:17-18 S '56.

EGYPT
An important stage in Egypt's development. IU. Plashovskii. Komm. Kazakh. 26 no. 10:50-55 O '56.

EGYPT—COTTON GROWING
"Egyptian cotton." K. G. Brown. Reviewed by M. Mikhailov. Khlopkovodstvo 6 no. 8:60-62 Ag '56.

EGYPT—DESCRIPTION AND TRAVEL
In new Egypt. G. Skorov. Rabotnitsa 34 no. 9:20-21 S '56.

EGYPT—ECONOMIC CONDITIONS
Some problems of Egypt's economy. P. Suslin. Nov. vrem. 14 no. 36:8-11 Ag '56.

EGYPT—HISTORY
Foreign policy of Egypt during the hegemony of Heracleopolis (9th and 10th dynasties). R. I. Rubinshtein. Palest. sbor. no. 2:31-41 '56.
Last stage of the Egyptian crisis of 1831-1833, and the great powers. T. V. Eremeeva. Uch. zap. po nov. noveish. ist. no. 2:475-578 '56.
Shvakov, A. V., and V. V. Bogoslovskii. [Independent Egypt] Nezavisimyi Egipet. Moskva, Gos. izd-vo polit. lit-ry, 1956. 93 p.

EGYPT—MOHAMMEDANISM—PERIODICALS
The periodical "al'-Manar" as a source for the study of the Mussulman reformation in Egypt. M. V. Mallukov-skii. Krat. soob. Inst. vost. no. 19:94-99 '56.

EGYPT—REFUGEES, ARAB
One more weapon of western diplomacy. Nov. vrem. 14 no. 40:19-20 S '56.

EGYPTIAN LANGUAGE
Semantic anthropomorphism in the lexical Egyptian loan words in Greek. P. V. Ernshtedt. Palest. sbor. no. 2: 12-30 '56.

EIGENFUNCTIONS
Absolute and uniform convergence of expansions in eigenfunctions throughout a closed domain. V. A. Il'in. Dokl. AN SSSR 109 no. 4:690-693 Ag '56.
Eigenfunction expansion of the equation $\Delta_n u + [\lambda - q(x_1, x_2, \ldots, x_n)]u = 0$. B. M. Levitan. Izv. AN SSSR. Ser. mat. 20 no. 4:437-466 Jl-Ag '56.
Proof to the effect that a function with a singularity can be expanded into a series of characteristic functions. V. A. Il'in. Dokl. AN SSSR 109 no. 1:21-24 Jl-Ag '56.

EIGENVALUES
Generalization of the Rayleigh-Krylov formula and of the method of "constant coefficients" and their combined application to approximate computations of eigenvalues. F. S. Hudymenko. Nauk. zap. Kiev. un. 11 no. 7:67-74 '52.
New version of the inverse Sturm - Liouville problem on a finite interval. L. A. Chudov. Dokl. AN SSSR 109 no. 1:40-43 Jl-Ag '56.
Some problems on characteristic values, involving a small parameter. V. B. Glasko. Dokl. AN SSSR 108 no. 5:767-769 Je '56.

EKEL'CHIK, IURII I.
In memory of a screen artist. Isk. kino no. 7:113-114 Jl '56.

EKIBASTUZ—COAL GEOLOGY
Petrological composition and formation of coal measures of the Ekibastuz coal fields. L. P. Nefed'eva. Trudy Lab. geol. ugl. no. 4:105-190 '56.

ELAR REGION—PUMICE
Pumice sands of the Elar region (Armenia). L. A. Vardaniants. Dokl. AN Arm. SSR 10 no. 4:179-181 '49.

ELASTIC PLATES AND SHELLS
Applications of equilibrium equations for sloping shells. O. O. Nazarov. Prykl. mekh. 2 no. 3:270-283 '56.
Basic frequency of free vibrations in plates with linear variations of thickness. V. S. Humeniuk. Prykl. mekh. 2 no. 3:342-345 '56.
Calculating the rigidity of bimetallic cylindrical shells. E. I. Grigoliuk. Inzh. sbor. 23:28-35 '56.
Calculation of laminated shells of revolution. S. A. Ambartsumian. Dokl. AN Arm. SSR 11 no. 2:59-66 '49.
Calculating sloping envelopes for earthquake resistance [in Georgian with summary in Russian]. O. D. Oniashvili. Trudy Inst. stroi. dela AN Gruz. SSR 3:43-59 '51.
Calculating sloping envelopes of varying curvature [in Georgian with summary in Russian]. V. N. Shaishmelashvili. Trudy Inst. stroi. dela AN Gruz. SSR 3:61-70 '51.
Concentration of dynamic stresses at the contour of a circular aperture in a plate with longitudinal forces applied to its edges. Part 1. M. M. Sydliar. Nauk. zap. Kiev. un. 0 no. 9:83-110 '50.
Concentration of dynamic stresses at the contour of a circular aperture in a plate with longitudinal forces applied to its edges. Part 2. M. M. Sydliar. Nauk. zap. Kiev. un. 9 no. 9:111-126 '50.
Determination of limit load for plates composed of separate hinged sections. I. IA. Amiro. Prykl. mekh. 2 no. 3:318-324 '56.
Determining the lowest (basic) frequency of free vibrations in rectangular orthotropic plates. V. S. Gumeniuk. Prykl. mekh. 2 no. 2:224-226 '56.
Effect of the application of points of forces and moments on the stress distribution in endless anisotropic plates with elliptic hole. D. V. Grilitskii. Prykl. mekh. 2 no. 2:159-166 '56.
Experimental testing of the rigidity of a cylindrical envelope [in Georgian with summary in Russian]. O. D. Oniashvili and others. Trudy Inst. stroi. dela AN Gruz. SSR 4:69-71 '53.
Integral representations of solutions of certain elliptical systems of the first order upon surfaces and their use in the theory of thin shells. I. I. Daniliuk. Dokl. AN SSSR 109 no. 1:17-20 Jl-Ag '56.
New method for determining the limit of elasticity in thin test pieces. A. G. Rakhshtadt, M. A. Shtremel' [Trudy] MVTU no. 41:219-225 '55.
"One case of thin plate bending." M. G. Pinskii. Reviewed by N. P. Fleishman. Prykl. mekh. 2 no. 2:229 '56.
Problem of developing structural designs for multistory reinforced concrete buildings [in Georgian with summary in Russian]. V. D. Topuridze. Trudy Inst. stroi. dela AN Gruz. SSR 4:165-171 '53.
Resistance of thin-walled three-dimensional structures to the action of horizontal forces [in Georgian with summary in Russian]. O. D. Oniashvili, A. A. Dzhabua. Trudy Inst. stroi. dela AN Gruz. SSR 4:45-67 '53.
Rigidity of a cylindrical shell supported by a set of transverse forces and subjected to external uniform pressure. N. A. Alfutov. Inzh. sbor. 23:36-46 '56.
Rigidity of truncated conical shells subjected to uniform external pressure. L. M. Bunich, O. M. Palii, I. A. Piskovitina. Inzh. sbor. 23:89-93 '56.
Some contact problems in the theory of shells. A. G. Nazarov. Dokl. AN Arm. SSR 9 no. 2:61-66 '48.
Symmetrical deformations of orthotropic shells with parabolic outline. N. S. Kurdin. Inzh. sbor. 23:94-99 '56.
Symmetrical shape of strength losses in three-layer plates and shells. V. I. Korolev. Vest. Mosk. un. 11 no. 5:3-12 My '56.
Symmetrically loaded anisotropic shells of revolution. S. A. Ambartsumian. Dokl. AN Arm. SSR 9 no. 5:203-206 '48.
Transverse bending of freely supported elliptical plates. I. N. Slezinger. Inzh. sbor. 23:105-110 '56.

ELASTIC RODS AND WIRES
Eccentric compression of flexible straight cylindrical nonlinearly elastic bars. L. I. Artem'eva. Inzh. sbor. 23:77-88 '56.
Solving a generalized problem on transverse vibrations of a semi-infinite bar. S. B. Galustian. Trudy Azerb. ind. inst. no. 9:21-37 '55.
Solving the problem of the torsion of rods with polygonal cross section. N. Kh. Arutiunian. Dokl. AN Arm. SSR 9 no. 2:67-74 '48.
Supporting power of thin-walled rods subjected to composite stresses. O. I. Strel'byts'ka. Prykl. mekh. 2 no. 3:306-317 '56.
Three-dimensional elastic-plastic rigidity of thin walled bars subjected to central and eccentric compressions. R. A. Mezhlumian. Inzh. sbor. 23:3-27 '56.
Torsion of an elastic bar with arc-bounded rectangular cross section. V. I. Blokh. Inzh. sbor. 23:140-146 '56.
Torsion of certain hollow prismatic bars. V. I. IAkovlieva. Prykl. mekh. 2 no. 3:325-332 '56.

ELASTIC SOLIDS
Energy dissipation in vibrating solids; survey. H. S. Pysarenko. Prykl. mekh. 2 no. 3:237-256 '56.

ELASTIC SOLIDS—TESTING
Bending technique for determining the thermoelastic factor. E. M. Pavlov. Priborostroenie no. 9:20-21 S '56.

ELASTICITY
An approximate method of solving plane contact problems in the theory of elasticity. A. IA. Aleksandrov. Trudy NIIZHT no. 11:5-28 '55.
Approximate solution of the biharmonic equation in a trapezoidal region. A. Langenbakh. Vest. Len. un. 11 no. 13:119-123 '56.
Concerning amplitudes of natural oscillations [in Georgian with summary in Russian]. E. A. Sekhniashvili. Trudy Inst. stroi. dela AN Gruz. SSR 4:73-96 '53.
Correlation between the elasticity modulus determined by the sound method and certain other properties of refractory materials. Z. I. Veselova, P. V. Nevredimova. Ogneupory 21 no. 5:221-228 '56.
Elasticity limit and elastic aftereffect of peened L62 brass sheet. S. O. TSobkallo, IU. F. Balandin. TSvet. met. 29 no. 9:74-78 S '56.
Experimental testing of the applicability of the wave theory for calculating machine parts for strength in connection with longitudinal impact. Sh. S. Mazitov. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:65-75 '56.
A particular instance of movement of an elastic fluid in an elastic layer. A. P. Zoz. Dokl. AN Azerb. SSR 12 no. 8:537-542 '56.
Some solutions of axially symmetric contact problems in the theory of elasticity. A. IA. Aleksandrov. Trudy NIIZHT no. 11:29-61 '55.
Stress formulae derived from the theory of elasticity in rectangular plates clamped on four edges and subjected to uniform loads. S. A. Savin. Inzh. sbor. 23:100-104 '56.
Tension and displacement in an elastic space and semi-space under the action of an evenly distributed load on a ring. A. IA. Aleksandrov. Trudy NIIZHT no. 11:62-88 '55.
"Vibration of elastic systems accounting for energy dissipation in the material." G. S. Pisarenko. Reviewed by IA. G. Panovko. Prykl. mekh. 2 no. 2:227-229 '56.

ELECTIONS see subdivision under Europe, Eastern; United States

ELECTRIC APPARATUS AND APPLIANCES

Apparatus for studying the efforts of filers. O. D. Kuznetsov, A. M. Volkov. Gig. i san. 21 no. 9:71-73 '56.

Evaluation of the technical and economic efficiency of automatic control devices. E. D. Zeilidzon. Elek. sta. 27 no. 7:27-31 Jl '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Electric equipment industry.] Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' nos. 33-34 Ag '56.

Grounding blades on the fork of bus disconnecting switches in closed distribution equipment. B. N. Eganov. Energetik 4 no. 8:18-19 S '56.

High-voltage circuit breakers, disconnects, current transformers and arresters (continuation). Prom. energ. 11 no. 7:39 Jl '56.

Improvement of the MI-1 hydraulic pressure jointing machine. A. V. Sadchikov. Energetik 4 no. 9:27-28 S '56.

Multipurpose electric machine for pruning and shaping mulberry trees. N. P. Lebedev. Sel'khozmashina no. 8:11-13 Ag '56.

Russia (1923- U.S.S.R.) Glavpribor. [Automatic electronic potentiometers and balanced bridges; a catalog and reference manual] Avtomaticheskie elektronnye potentsiometry i uravnoveshennye mosty; katalog-spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 111 p.

Using PZ-156A distance protection. E. A. Bass, O. A. Gil'cher, A. I. Savost'ianov. Elek. sta. 27 no. 7:41-46 Jl '56.

ELECTRIC APPARATUS AND APPLIANCES—TESTING

Use of the AMI-60 oil breakdown column for alternating-current testing. I. V. Kolesov. Energetik 4 no. 9: 20-21 S '56.

ELECTRIC APPARATUS AND APPLIANCES, DOMESTIC

"For our daily life." Ogonek 34 38:24 S '56.

ELECTRIC BATTERIES

How to fill cracks in battery cases. A. Volkov. Radio no. 8:51 Ag '56.

ELECTRIC BUS BARS

Curves for determining the inductive resistance of busways. M. IA. Fainshtein. Sudostroenie 22 no. 8:29 Ag '56.

Welding bus bars and branching elements in distribution equipment of electric power stations and substations. Elek. sta. 27 no. 8:61 Ag '56.

Welding of bus bars in distribution equipment. L. I. Dvoskin. Elek. sta. 27 no. 8:54-55 Ag '56.

ELECTRIC CABLES

Bunker-type cable pickup. V. D. Ivanov. Torf. prom. 33 no. 6:13-14 '56.

Developing a more efficient design for weak-current ship cables. G. M. Gutkin. Sudostroenie 22 no. 8:13-14 Ag '56.

Efficient method for paying out, lifting and laying the cable on electric tractors. P. N. Listov, A. G. Adoian, A. F. Komiagin. Izv. TSKhA no. 1:195-200 '56.

"Electric cable." S. M. Bragin. Reviewed by B. A. Kozhevnikov. Elektrichesto no. 7:96-97 Jl '56.

Mechanized cable laying for communication lines. N. A. Bondarenko. Transp. stroi. 6 no. 7:17-20 Jl '56.

Mold used for vulcanizing the ends of an electic cable. V. V. Glebov. Torf. prom. 33 no. 6:37 '56.

Possibility of using data of soil corrosibility obtained by the electrolyzer method for evaluating corrosion of lead-coated cables. N. A. TSekun. Trudy Azerb. ind. inst. no. 9:133-143 '55.

Smirnov, L. P. [The laying of electric power cables; instructional charts] Prokladka elektricheskikh silovykh kabelei; uchebnye tablitsy. [Moskva] Gos. anerg. izd-vo, 1955. 22 l. (in portfolio)

ELECTRIC CABLES—REPAIRING

Machine for supplementary braiding and repairing of electric cables used in welding. A. M. Bogoslovskii, IU. N. Andrukevich. Stroi. prom. 34 no. 9:46 S '56.

ELECTRIC CIRCUIT BREAKERS
(see also subdivision under United States)

Defects of FS-600 circuit breakers. G. I. Kurtsvail', N. L. Gel'man, A. N. Doni. Energetik 4 no. 8:9-10 Ag '56.

Design of a nozzle plug for filling circuit breakers with oil without disconnecting. M. V. Khomiakov. Energetik 4 no. 8:28 Ag '56.

Device for feeding oil into VMD-35 circuit breakers without disconnecting. N. I. Surzhan. Energetik 4 no. 8:27 Ag '56.

Improvement of the plug for sampling oil. A. V. Dunaev. Energetik 4 no. 8:28 Ap '56.

Improving the packing of bushings in VM-35N and MKP-35 circuit breakers. A. P. Karamain. Energetik 4 no. 9:21-22 S '56.

Improving the reliability of UGP-51 falling-weight operating mechanisms. V. L. Afanas'ev. Energetik 4 no. 8:28-29 Ag '56.

Operation of 110 kv. air circuit breakers made by the AEG firm. A. IA. Kleshchinskii. Elek. sta. 27 no. 7: 56 Jl '56.

Using VMG-133 circuit breakers in electric arc furnaces. M. I. Kiselev. Prom. energ. 11 no. 7:10-11 Jl '56.

Using compressed-air operating mechanisms with oil circuit breakers. B. D. Shchukin. Elek. sta. 27 no. 8:43-44 Ag '56.

ELECTRIC CIRCUITS

Analysis of parallel-T circuits. V. P. Sigorskii, IU. I. Spektor. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5:136-137 '55.

Circuit design of automatic thermal compensation in pH-meters. V. F. Remnev. Priborostroenie no. 8: 1-5 Ag '56.

Circuit selector device. Vest. sviazi 16 no. 8:31 Ag '56.

A delay unit with computing amplifiers and capacitors. IA. I. Grinia, P. N. Kopaĭ-Gora. Avtom. i telem. 17 no. 6:524-531 Je '56.

Methods for calculating nonlinear circuits. S. I. Kurenev, and others. Elektrichestvo no. 8:91-92 Ag '56.

Parallel operation of protective relay device during disturbances in voltage circuits. E. I. Bass, M. L. Golubev, V. Z. Nikitskii. Elek. sta. 27 no. 8:55-56 Ag '56.

Review on R. Higonnet and R. Grea's book "Logical analysis of electrical circuits and binary systems." G. N. Povarov. Avtom. i telem. 17 no. 6:581-583 Je '56.

Self-sustaining oscillations in a system having time delay feedback. IU. M. Az'ian, V. V. Migulin. Radiotekh. i elektron. 1 no. 4:418-427 Ap '56.

System of increased flexibility for multifeeder distributing devices. M. M. Lebedev. Dokl. AN Arm. SSR 9 no. 5:199-201 '48.

The theory of the 2nd-pole circuits. V. P. Sigorskii. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5: 109-117 '55.

Topology in the analysis and synthesis of the commutation systems of distributing devices. Report no. 1: Principles of the method. M. M. Lebedev. Dokl. AN Arm. SSR 9 no. 3:97-100 '48.

ELECTRIC CONDENSERS see Condensers (Electricity)

ELECTRIC CONDUCTIVITY

Concerning Blatt, Butler and Schafroth's paper on superfluidity and superconductivity theory. V. L. Ginzburg. Zhur. eksp. i teor. fiz. 30 no. 6:1151-1152 Je '56.

Electrodeless measuring of conductance and possibilities of its use in physicochemical analysis. A. R. Regel'. Zhur. neorg. khim. 1 no. 6:1271-1278 Je '56.

On the value of the critical current in thin layers of superconductors. L. A. Feigin, A. I. Shal'nikov. Dokl. AN SSSR 108 no. 5:823-824 Je '56.

Stability of the boundary between normal and superconducting phases. I. E. Dzialoshinskii. Zhur. eksp. i teor. fiz. 30 no. 6:1154-1155 Je '56.

Superconductivity of borides, carbides, nitrides, and silicides of transition metals. G. V. Samsonov, V. S. Neshpor. Zhur. eksp. i teor. fiz. 30 no. 6:1143 Je '56.

ELECTRIC CONDUCTORS

Skin effect in a two-layer conductor. G. I. Dorofeev. Elektrichestvo no. 8:31-32 Ag '56.

ELECTRIC CONNECTORS

New clamps for connecting copper and aluminum. I. A. IAkobson. Elek. sta. 27 no. 7:59-60 Jl '56.

ELECTRIC CONTROL—REMOTE see Remote control

ELECTRIC CONTROLLERS

Frequency controllers in the electric power system. A. B. Babakhanian. Dokl. AN Arm. SSR 9 no. 4:163-167 '48.

Magnetic amplifier control of a two-phase induction motor. O. I. Aven, S. M. Domanitskii, A. IA. Lerner. Avtom. i telem. 17 no. 8:717-721 Ag '56.

Nonlinear limiters in volt and current circuits of protective and automatic control devices. I. M. Sirota. Sbor. trud. Inst. elektrotekh. AN URSR no. 13:98-121 '56.

ELECTRIC CURRENT COLLECTORS

Controlling stray currents from trolley lines. V. N. Popeliash. Elektrichestvo no. 8:72-73 Ag '56.

ELECTRIC CURRENT RECTIFIERS

Forming elements of selenium rectifiers. L. F. Kudriavtsev. Energetik 4 no. 9:22-23 S '56.

Powerful mechanical rectifiers (From: "Elektrizitäts-wirtschaft" no. 8, '55, "Journal IEE" no. 12, '55). Prom. energ. 11 no. 7:30-31 Jl '56.

ELECTRIC CURRENTS

Calculation of periodic currents and voltages in circuits with a nonsinusoidal electromotive force. R. A. Voronov. Elektrichestvo no. 8:11-16 Ag '56.

ELECTRIC CURRENTS—GROUNDING

Checking the working order of protective grounding or neutral grounding for portable equipment. P. M. Grigor'ev. Energetik 4 no. 9:19-20 S '56.

Comments on M. R. Naifel'd's article "Grounding portable installations and machinery." S. A. Kudriashov and others. Energetik 4 no. 9:3-7 S '56.

Grounding blades on the fork of bus disconnecting switches in closed distribution equipment. B. N Eganov. Energetik 4 no. 9:18-19 S '56.

Pulse characteristics of extended grounds in poor-conducting earth. A. L. Vainer, S. M. Fertik. Elektrichestvo no. 8:40-47 Ag '56.

ELECTRIC CURRENTS, EDDY

Ratio of hysteresis and eddy current losses in steel for electric equipment. V. V. Druzhinin, IU. P. Burdakova. Elektrichestvo no. 8:50-54 Ag '56.

ELECTRIC CURRENTS, LEAKAGE

Controlling stray currents from trolley lines. V. N. Popeliash. Elektrichestvo no. 8:72-73 Ag '56.

ELECTRIC DISCHARGES

Creeping discharges on the surface of transformer oil. I. E. Balygin. Elektrichestvo no. 7:63-65 Jl '56.

Role of electric phenomena in the mechanism of rupture of certain solid bodies. B. V. Deriagin, N. A. Krotova, V. V. Karasev. Dokl. AN SSSR 109 no. 4:728-730 Ag '56.

ELECTRIC DISCHARGES THROUGH GASES

Atomization of electrodes and the space potential in high-frequency discharges. S. M. Levitskii. Nauk. zap Kiev. un. 14 no. 8:199-207 '55.

Compensation oscillation of electronic space charge. M. E. Gurtovoi. Nauk. zap. Kiev. un. 14 no. 8:199-104 '55.

Determining the structure of molecules of gaseous metallic oxides formed during an electric discharge in gas. A. I. Andrievskii, I. V. Kutovyi. Nauch. znp. LPI no. 29:7-13 '55.

X-ray emission at the start of gas discharges. I. M. Podgornyi. Dokl. AN SSSR 108 no. 5:820-822 Je '55.

ELECTRIC DRIVING

Device for the smooth starting of roving machines. N. N Kornev. Tekst. prom. 16 no. 8:52-53 Ag '56.

Resonance in asynchronous electric drives with a fluctuating load. V. S. Mogil'nikov. Elektrichestvo no. 8: 22-26 Ag '56.

ELECTRIC ENGINEERING

Addition to the operational circular entitled "Selection of voltage settings for overload protection of generators with low-voltage relay starting." Elek. sta. 27 no. 7:63 Jl '56.

Mansurov, N.M., and V.S.Popov. [Theoretical electric engineering] Teoreticheskaia elektrotekhnika. Izd. 6-oe. Moskva, Gos. energ. izd-vo, 1956. 502 p.

Objective method of evaluating systems of electric connections. L. I. Dvoskin. Elektrichestvo no. 8:47-56 Ag '56.

Use of relay protection, automatic control and secondary circuits. G. E. Novikov, E. S. Rabikova. Elek. sta. 27 no. 7:60-61 Jl '56.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering; abstracts nos. 13997-16361] Referativnyi zhurnal: Elektrotekhnika no. 8 Ag '56.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—PERIODICALS

Moscow conference of readers of "Elektrichestvo." Elektrichestvo no. 7:95 Jl '56.

ELECTRIC ENGINEERING—SAFETY MEASURES

Comments on M. R. Naifel'd's article "Grounding portable installations and machinery." S. A. Kudriashov and others. Energetik 4 no. 9:3-7 S '56.

Korol'kova, V.I. [Safety measures in industrial enterprises] Elektro-bezopasnost' na promyshlennykh predpriiatiiakh. Izd. 3-e, dop. Moskva, Gos. izd-vo obor. promyshl. 1956. 447 p.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Electric engineering contest. A. Kashubin. Prof.-tekh. obr. 13 no. 9:26 S '56.

ELECTRIC EQUIPMENT OF AUTOMOBILES see Automobiles—Electric equipment

ELECTRIC FENCES

Electric fence. M. Kulik. Tekhsov. MTS 17 no. 15:7-10 Ag '56.

New device for feeding electric fences. B. B. Volovyk. Sots. tvar. 28 no. 9:54-55 S '56.

ELECTRIC FILTERS

Design of single crystal quartz filters. L. O. Sodin. Radiotekhnika 11 no. 7:63-72 Jl '56.

ELECTRIC FURNACES

Convection channel annealing furnaces with electric heating. (From "Ceramic Industries" no. 7, 1955) IU. Fein. Log. prom. 16 no. 7:55 Jl '56.

ELECTRIC MOTORS (Continued)

M. M. Sokolov's book "Electric drives and power supply for industrial plants." Reviewed by S. IA. Al'tman, O. A. Sinitsyn, E. F. Silaev. Elektrichestvo no. 8:95 Ag '56.

Measuring the thickness of the oil film in the thrust bearing of vertical electric motors. IA. I. Kagan, O. I. Bogdanov. Elektrichestvo no. 8:74-76 Ag '56.

Protection of electric motors against two-phase operation. F. K. Khamedov. Energetik 4 no. 8:24-25 Ag '56.

Protection of electric motors by the use of a totalizer with symmetrical components. IA. M. Smorodinskii, R. T. Znamenok, V. P. Bukhgol'ts. Ugol' 31 no. 8:38-40 Ag '56.

Simplified graphoanalytic method for calculating the mechanical characteristics of asynchronous motors with dynamic braking. V. I. Stul'nikov. Nauch. zap. IMA AN URSR, Ser. avtom. i izm. tekh. 5:259-273 '55.

Single-choke magnetic drive. P. I. Dekhtiarenko. Avtomatyka no. 1:84-88 '56.

Thermostatic control of electric motors. G. K. Nechaev, L. S. Panasiuk. Avtomatyka no. 2:25-30 '56.

ELECTRIC MOTORS—COOLING

Water cooling of electric motors. G. K. Lomonos. Elektrichestvo no. 8:77 Ag '56.

ELECTRIC MOTORS—DESIGN AND CONSTRUCTION

Designing nonsymmetrical two-phase asynchronous motors by the method of symmetrical components. O. I. Adamenko. Avtomatyka no. 2:51-63 '56.

ELECTRIC MOTORS—STARTING DEVICES

Explosion hazard of magnetic starters with damaged coils. IA. I. Teplitskii, S. P. Bakumenko. Energetik 4 no. 9:17-18 S '56.

ELECTRIC MOTORS, ALTERNATING CURRENT

Industrial testing of magnetic drives with alternating-current motors. O. G. Ivakhnenko, I. K. Parra, E. M. Shukailo. Avtomatyka no. 2:44-50 '56.

Preventing synchronous motors from falling out of step. S. IA. Tatevosian. Dokl. AN Arm. SSR 10 no. 4:157-159 '49.

ELECTRIC MOTORS, INDUCTION

Calculating the dynamic braking of asynchronous motors of automatic-control systems used in mine hoisting machines. V. M. Kuntsevich. Avtomatyka no. 2:21-24 '56.

Controllable asynchronous motors with premagnetized rotors or with stator magnetic-flux shunting. Avtomatyka no. 1:91-93 '56.

Controllable magnetic drive with a short-circuited asynchronous motor used for coal dust, peat and raw coal feeders in electric power plants. Avtomatyka no. 1:89-90 '56.

Controlling asynchronous motors by rotor premagnetization. O. G. Ivakhnenko, I. K. Parra. Avtomatyka no. 1:52-68 '56.

Determining like outlets of rotor windings with two parallel branches to a phase. A. S. Matienko. Energetik 4 no. 9:16-17 S '56.

Eliminating unbalance of the magnetizing forces in capacitor-compensated induction motors. V. S. Kulebakin. Elektrichestvo no. 7:15-18 Jl '56.

Resonance in asynchronous electric drives with a fluctuating load. V. S. Mogil'nikov. Elektrichestvo no. 8:22-26 Ag '56.

Selection of short-circuited rotors and the simplification of magnetic-drive circuits with asynchronous motors. O. G. Ivakhnenko, I. K. Parra. Avtomatyka no. 1:69-83 '56.

Three-phase asynchronous premagnetized motor system used in servomechanisms. V. P. Milovzorov. Trudy MAI no. 57:5-20 '56.

ELECTRIC NETWORKS

Urgent problems in the theory of urban electric networks. A. A. Glazunov. Elektrichestvo no. 7:10-14 Jl '56.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POTENTIAL see Potential, Theory of

ELECTRIC POWER

(see also subdivision under Germany, West)

Demand and power factors of standard power equipment in oil refineries; an open discussion. P. G. Nikiforov. Energ. biul. no. 7:30-32 Jl '56.

Establishing power consumption standards for flour mills. P. P. IAstrebov. Prom. energ. 11 no. 7:11-14 Jl '56.

Foreword. Shor. trud. Inst. elektrotekh. AN URSR no. 13:4-6 '56.

M. M. Sokolov's book "Electric drives and power supply for industrial plants." Reviewed by S. IA. Al'tman, O. A. Sinitsyn, E. F. Silaev. Elektrichestvo no. 8:95 Ag '56.

Measures of energy. E. Zelikovich. Znan. sila 31 no. 8:33-34 Ag '56.

Power supply for water-pumping compressor stations in oil fields. V. A. Ruvinskii. Energ. biul. no. 7:5-11 Jl '56.

Recommendations on power supply planning for petroleum refineries; an open discussion. I. I. Tatarinov. Energ. biul. no. 7:25-30 Jl '56.

Reducing the time for the automatic switching-in of reserve in industrial networks. G. R. Miller. Prom. energ. 11 no. 7:27-29 Jl '56.

Use of KBG-MN capacitors to increase the power factor. A. B. Topolianskii. Prom. energ. 11 no. 7:14-15 Jl '56.

ELECTRIC POWER DISTRIBUTION

Analysis of steady-state stability in a complex power system. L. V. TSukernik. Shor. trud. Inst. elektrotekh. AN URSR no. 13:5-34 '56.

Automatic integrated control of frequency and interchange power. IA. M. Chervonenkis. Elektrichestvo no. 8:85-86 Ag '56.

Braking control of generators in the transient state after repairing in electric stations for long-distance transmission. V. N. Shestopalov. Shor. trud. Inst. elektrotekh. AN URSR no. 13:42-66 '56.

Characteristics of the behavior of dynamic systems near the limits of stability. L. N. Dashevskii. Shor. trud. Inst. elektrotekh. AN URSR no. 13:35-41 '56.

Comments on the TEKSO bulletin entitled "Use of autotransformers to supply electric power to outlying users." Prom. energ. 11 no. 7:37-38 Jl '56.

Equipment for linear capacitive compensation in 110 and 220 kv. networks. D. E. Artem'ev, E. A. Marchenko, G. I. Poliak. Elektrichestvo no. 8:33-40 Ag '56.

Method for calculating urban power supply systems. P. F. Gogichaishvili. Elektrichestvo no. 7:43-46 Jl '56.

Method for evaluating frequency changes in the electric power system. A. B. Babakhanian. Dokl. AN Arm. SSR 10 no. 5:209-218 '49.

On L. D. Sterninson's article "Automatic frequency regulation in large power systems." V. M. Gornshtein. Elek. sta. 27 no. 8:58 Ag '56.

Urgent problems in the theory of urban electric networks. A. A. Glazunov. Elektrichestvo no. 7:10-14 Jl '56.

ELECTRIC POWER PLANTS

(see also subdivision under United States)

Addition to "Instructions for putting thermal electric stations into service." Elek. sta. 27 no. 7:63 Jl '56.

Against fictitious piecework. K. Pen'kov. Sots. trud. no. 8:84 Ag '56.

Analysis of steady-state stability in a complex power system. L. V. TSukernik. Shor. trud. Inst. elektrotekh. AN URSR no. 13:5-34 '56.

The book "Electric power stations and transformer substations for railroad transportation" by M. V. Rogali-Levitskii, A. IA. Riabkov. Reviewed by A. B. Don-IAkhio, S. A. Tereshkovich. Elektrichesto no. 7:96 Jl '56.

Choice of sites for state regional electric power stations. T. L. Lipovetskii. Elek. sta. 27 no. 7:22-26 Jl '56.

Controllable magnetic drive with a short-circuited asynchronous motor used for coal dust, peat and raw coal feeders in electric power plants. Avtomatyka no. 1:89-90 '56.

Housing for an electric power station. D. Khokhlov. Kinomekhanik no. 9:29 S '56.

How to improve the technology of designing central thermal electric power stations. G. Mikhailov, V. Koryinkov. Arkhit. SSSR no. 9:36-37 '56.

The operation of the hourly bonus system. E. Vernyi, M. Fedianin. Sots. trud. no. 8:78-80 Ag '56.

Piontkovskii, B. A. [Electric power supply installations for wire communication enterprises] Ustroistvo elektropitaiushchikh ustanovok predpriiatii provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 30 p. (Lektsii po tekhnike sviazi)

Reducing the consumption of power in electric power stations. V. N. Kostochkin. Elek. sta. 27 no. 7:12-14 Jl '56.

Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Otdel truda i zarabotnoi platy. [Manual on work and wages in electric power stations, networks, and plants of the Ministry of Electric Power Stations of the U.S.S.R.] Spravochnik po trudu i zarabotnoi plate na elektrostantsiiakh, v setiiakh i na zavodakh Ministerstva elektrostantsii SSSR. Moskva, Gos. energ. izd-vo, 1946. 267 p.

Solar electric power station. K. B. Ukraina no. 17:11 S '56.

To the editor of "Energetik." N. I. Bogatskii. Energetik 4 no. 9:36 S '56.

Using throttle valves in the main steam lines in electric power stations. M. I. Dzalaev, IU. K. Stoliarov. Elek. sta. 27 no. 7:1-3 Jl '56.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Improving the operation of oil coolers. O. M. Nariysh. Elek. sta. 27 no. 7:53-54 Jl '56.

Preventing deposits in hydraulic ash-sluicing systems. I. A. Trub. Elek. sta. 27 no. 7:62-63 Jl '56.

ELECTRIC RAILROADS—EQUIPMENT AND SUPPLIES

Ermakov, N. I. [Testing electric machinery of electric rolling stock in depots; the work practice of the Tiflis depot of the Transcaucasian railroad] Ispytaniia elektricheskikh mashin elektropodvizhnogo depo Tbilisi Zakavkazskoi zheleznoi dorogi. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 64 p.

ELECTRIC RAILROADS—SUBSTATIONS

Textbook on electric stations and substations ("Electric stations and transformer substations for railroad purposes." M. E. Rogali-Levitskii, A. IA. Riabkov. Reviewed by I. IA. Ryshkovskii.) Zhel. dor. transp. 38 no. 9:94-96 S '56.

ELECTRIC RECTIFIERS

Use of semiconductor rectifiers in welding. V. M. Shchitova. Elektrichestvo no. 8:89-90 Ag '56.

ELECTRIC RELAYS

Analysis of thermistor performance in thermal control systems based on the use of relay effect. G. I. Pavlova, I. T. Sheftel'. Avtom. i telem. 17 no. 6:549-558 Je '56.

Delaying the release of intermediate relays. N. E. Gevorkian. Elek. sta. 27 no. 8:56-57 Ag '56.

Elements of the theory of contactless narrow-band frequency relays. F. O. Katkov. Avtomatyka no. 2:64-73 '56.

Optimal arrangement of a discriminating directional relay of resistance. V. L. Fabrikant. Elektrichestvo no. 7:36-41 Jl '56.

Parallel operation of protective relay device during disturbances in voltage circuits. E. I. Bass, M. L. Golubev, V. Z. Nikitskii. Elek. sta. 27 no. 8:55-56 Ag '56.

Reducing the time for the automatic switching-in of reserve in industrial networks. G. R. Miller. Prom. energ. 11 no. 7:27-29 Jl '56.

Shunted-load magnetic amplifier and its application for protective relays. G. V. Subbotina. Avtom. i telem. 17 no. 6:540-548 Je '56.

TVK-1 relays. V. V. Glebov. Torf. prom. 33 no. 6:37 '56.

Transient processes in contactless magnetic relays. L. V. Safris. Trudy RIIZHT no. 20:113-124 '56.

Using magnetoelectric and polarized relays in relay protection systems. G. I. Atabekov. Elektrichestvo no. 7:29-36 Jl '56.

ELECTRIC RESISTANCE

Computing the resistance in aircraft three-phase current circuits. V. N. Istratov, A. V. Kamenskii. Trudy MAI no. 57:61-70 '56.

Measuring total resistance in a. c. semibalance bridges. K. B. Karandeev, L. IA. Miziuk, G. A. Shtamberger. Nauch. zap. IMA AN URSR, Ser. avtom. i izm. tekh. 5:64-82 '55.

Temperature compensation of nonlinear resistances. N. G. Maksimovich. Elektrichestvo no. 8:88-90 Ag '56.

ELECTRIC RESISTORS

Constant nonwire-wound resistors. B. A. Bochkarev. Elektrichestvo no. 8:90-94 Ag '56.

ELECTRIC SPARK

Effect of pulse length on electrical erosion of metals. B. N. Zolotykh. Elektrichestvo no. 8:55-57 Ag '56.

Efficient method for broaching irregularly shaped holes by electric sparks. K. K. Namitokov, N. N. Aleksandrovskii. Vest. mash. 36 no. 6:51-53 Je '56.

Electric spark machining of dies. Z. Shteininger. Vest. mash. 36 no. 9:48-51 Je '56.

X-ray analysis of surface layers of high-speed steel and hard alloys subjected to electric spark treatment. G. F. Kosolapov, IU. D. Tiapkin. [Trudy] MVTU no. 41:226-232 '55.

ELECTRIC SUBSTATIONS

The book "Electric power stations and transformer substations for railroad transportation" by M. V. Rogali-Levitskii, A. IA. Riabkov. Reviewed by A. B. Don-IAkhio, S. A. Tereshkovich. Elektrichestvo no. 7:96 Jl '56.

KRN-10 unit distribution substations for outdoor installation. Energetik 4 no. 8:3 of cover Ag '56.

Lighting system for 35-220kv outdoor distribution substations. A. IA. Kots. Svetotekhnika 2 no. 4:27-28 Jl '56.

Unit substations of the K-III and K-IV series. Energetik 4 no. 9:40-3 of cover S '56.

ELECTRIC SUBSTATIONS—HEATING AND VENTILATION see subdivision under Omsk

ELECTRIC SWITCHGEAR

Elimination of vibration in a switchboard panel incorporating measuring instruments. F. S. Markman. Energetik 4 no. 9:23 S '56.

Gurvich, V. B. [Switches for high-tension loads and their drives] Vykliuchateli nagruzki vysokogo napriazheniia i privody k nim. Moskva, Gos. energ. izd-vo, 1956. 56 p.

Moscow. Gosudarstvennyi proektnyi institut Tiazhpromelektroproekt. [Technical material on automatic switches and fuses] Tekhnicheskie materialy po avtomaticheskim vykliuchateliam i predokhranitoliam. Moskva, Gos. energ. izd-vo, 1956. 102 p.

ELECTRIC TRANSFORMERS

Alternating current compensator with separate balancing and one compensating element. A. M. Malik-Shakhnazarov. Trudy Azerb. ind. inst. no. 8:114-118 '54.

Comments on the TEKSO bulletin entitled "Use of autotransformers to supply electric power to outlying users." Prom. energ. 11 no. 7:37-38 Jl '56.

## ELECTRODES—Reference Electrodes




## ELECTROLYTES—CONDUCTIVITY

ELECTROLYTIC CORROSION

Determining corrosive properties of soil in order to select a method for protecting underground installations. G. A. Aliakhverdiev. Azerb. neft. khoz. 35 no. 2:18-22 F '56.

Possibility of using data of soil corrosibility obtained by the electrolyzer method for evaluating corrosion of lead-coated cables. N. A. TSekun. Trudy Azerb. ind. inst. no. 9:133-143 '55.

ELECTROLYTIC POLISHING see Polishing, Electrolytic

ELECTROMAGNETISM—PHYSIOLOGICAL EFFECT

Electromagnetic field as a health factor. A. S. Presman. Gig. i san. 21 no. 9:32-37 S '56.

ELECTROMAGNETS

Using special electromagnets in assembling and welding marine structures. N. Pomykanov. Mor. flot 16 no. 8:31 Ag '56.

ELECTROMECHANICAL ANALOGIES

Application of semiconductor diodes for nonlinear units of electric analog devices. G. M. Petrov. Avtom. i telem. 17 no. 8:707-716 Ag '56.

Druzhinin, N. I. [Electrohydrodynamic analogy and its use in filtration research] Metod elektrogidrodinamicheskikh analogii i ego primenenie pri issledovanii fil'tratsii. Pod red. V. I. Aravina. Moskva, Gos. energ. izd-vo, 1956. 346 p.

IPM the electrointegrator for natural modeling. P. Fil'chakov. Nauk. zap. Kiev. un. 11 no. 7:95-104 '52.

Solution of the partial differential equation of the second order and elliptic type by means of the nonuniform method of meshes. V. E. D'iachenko, P. I. Koval'. Nauk. zap. Kiev. un. 11 no. 7:5-16 '52.

Solutions for boundary value problems on continuous devices designed for solving Cauchy problems. M. I. Obuvalin, I. I. Eterman. Inzh. sbor. 23:203-214 '56.

ELECTROMETALLURGY

Overvoltage in the electrolytic separation of metals and the zero points. L. I. Antropov. Usp. khim. 25 no. 8:1043-1056 Ag '56.

ELECTRON BEAMS

On certain problems in the theory of electron beam focusing. P. P. Kas'iankov. Dokl. AN SSSR 108 no. 5: 813-816 Je '56.

ELECTRON EMISSION

Secondary electron emission of alloys. B. S. Kul'varskaia. Radiotekh. i electron. 1 no. 4:512-524 Ap '56.

Secondary emission of electrons from wolfram carbide. L. M. Volkova. Radiotekh. i electron. 1 no. 4:535-536 Ap '56.

Studying the secondary emission in some metals and semiconductors in relation to their thickness. N. G. Nakhodkin. Nauk. zap. Kiev. un. 14 no. 8:209-221 '55.

ELECTRON MICROSCOPY

Electron microscope examination of dispersed iron deposits on the cathode. I. A. Deriugin, E. M. Natanson, N. N. Kozachek. Nauk. zap. Kiev. un. 14 no. 8:223-230 '55.

ELECTRON OPTICS

Can we see in the dark? M. P. Lysytsia. Ukraina no. 19: 11 O '56.

ELECTRON-TUBE AMPLIFIERS see Amplifiers, Electron-tube

ELECTRON-TUBE CIRCUITS

Determination of quadrupole circuits parameters containing electronic tubes. V. P. Sigorskii. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5:118-135 '56.

Effect of small fluctuations on electronic relays. V. I. Tikhonov. Vest. Mosk. un. 11 no. 5:31-41 My '56.

ELECTRON TUBES

Brighter than the sun. M. IAkovlev. Znan. sila 31 no. 8: 29-31 Ag '56.

"Electron-vacuum tubes." Edited by A. M. Broide. Reviewed by A. Artem'ev. Radio no. 9:61 Ag '56.

[Electronic apparatus; a reference book] Elektrovakuumnye pribory; spravochnik. Moskva, Gos. energ. izd-vo, 1956. 422 p.

ELECTRONIC APPARATUS AND APPLIANCES

[Electronic apparatus; a reference book] Elektrovakuumnye pribory; spravochnik. Moskva, Gos. energ. izd-vo, 1956. 422 p.

ELECTRONIC CALCULATING MACHINES

Designing a pulse code comparator with protection from false input signals. B. V. Rybakov. Radiotekhnika 11 no. 7:26-38 Jl '56.

Kitov, A. I. [Electronic calculating machines] Elektronnye tsifrovye mashiny. Moskva, Izd-vo "Sovetskoe radio," 1956. 276 p.

New input member based on graphically recorded functions for calculating machines and instruments. V. V. Vasmanov. Priborostroenie no. 9:6-8 S '56.

On a theory of ideal coding of binary transfers. V. I. Siforov. Radiotekh. i elektron. 1 no. 4:407-417 Ap '56.

Solving boundary problems, algebraic, transcendental and integral equations by means of analog computers. I. M. Vitenberg, E. A. Gluzberg. Avtom. i telem. 17 no. 7:590-600 Jl '56.

Use of electronic calculating machines in the mechanization of accounting. M. Gotovskii. Bukhg. uchet 15 no. 8:16-22 Ag '56.

ELECTRONIC CIRCUITS

Some problems in the theory and design of electronic circuits with synchronous anodic and grid feeder circuits. G. A. Shevtsov. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5:220-246 '55.

ELECTRONIC CONTROL

Contour followers with intermittent control (for copy-milling machines). M. E. Verkholat. Stan. i instr. 27 no. 7:9-13 Jl '56.

Tracer control is a new technical facility for metal-cutting machines. IU. D. Vragov. Stan. i instr. 27 no. 7:13-15 Jl '56.

ELECTRONIC INSTRUMENTS

Electronic phase-insensitive differential a. c. indicators. L. IA. Miziuk. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5:184-212 '55.

Multi-conduit stroboscopic automatic recorder. V. I. Zabavin. Priborostroenie no. 9:28-29 S '56.

ELECTRONIC PULSE TECHNIQUES see Pulse techniques (Electronics)

ELECTRONIC TRANSLATING MACHINES see Translating machines

ELECTRONICS

Radio electronics in industry. V. Blinderman. Prof.-tekh. obr. 13 no. 8:19-22 Ag '56.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS—CONGRESSES

First International Superhigh Frequency Electronics Congress. Z. Chernov. Nov. vrem. 14 no. 38:26-29 S '56.

ELECTRONOGRAPHY

Electronographic study of the structure of rectifying contacts of selenium rectifiers. G. B. Abdullaev. Izv. AN Azerb. SSR no. 4:15-24 Ap '56.

ELECTRONS

Calculation of the $\pi$-electron density in monosubstituted benzenes by means of the "metallic model." A. B. Almazov, D. A. Bochvar. Dokl. AN SSSR 109 no. 1:121-123 Jl-Ag '56.

Energy spectrum of electrons in crystals located in a magnetic field. G. E. Zil'berman. Zhur. eksp. i teor. fiz. 30 no. 6:1092-1097 Je '56.

Excited states and optical transformations in two-electron color centers. O. F. Tomasevich. Nauk. zap. Kiev. un. 14 no. 8:33-46 '55.

"Metallic" molecular model used as an analogy in computing $\pi$-electron polarizability of polyenes and benzene. M. N. Adamov, I. S. Milevskaia. Dokl. AN SSSR 109 no. 1:57-60 Jl-Ag '56.

Motion of electrons in cyclic accelerators as a stochastic process. A. N. Matveev. Dokl. AN SSSR 109 no. 3:495-498 Jl '56.

Multielectron consideration of the motion of electrons in excited crystals. T. I. Kucher, K. B. Tolpygo. Nauk. zap. Kiev. un. 14 no. 8:21-32 '55.

Proton stoppage of extremely relativistic electrons. G. S. Saakian. Dokl. AN Arm. SSR 15 no. 1:3-10 '52.

ELECTROPHORESIS

Effect of metal ions on the stability of egg albumin complexes with ergosterin. G. A. Deborin, M. I. Bystrova, G. V. Ivashchenko. Izv. AN SSSR. Ser. biol. no. 4:116-120 Jl-Ag '56.

An electrophoretic study of liver proteins [with English summary in insert]. S. IA. Kaplanskii, O. B. Kusovleva, V. D. Uspenskaia. Biokhimiia 21 no. 4:469-477 Jl-Ag '56.

Investigating the proteins of various parts of the nervous system with the aid of electrophoresis on paper. N. M. Poliakova. Ukr. biokhim. zhur. 28 no. 3:286-295 '56.

Photoelectric densitometer and its use in evaluating the results of paper electrophoresis. A. A. Sokolov, V. I. Vlasenko, A. E. Gurvich. Vop. med. khim. 2 no. 3:222-228 May-June '56.

Qualitative and quantitative determination of the protein composition of blood serum using electrophoretic fractionation on paper filter. IU. Z. Gendon. Zhur. mikrobiol. epid. i immun. 27 no. 9:91-97 S '56.

ELECTROPHYSIOLOGY

Action currents of the spinal cord in frogs. Report 2. D. S. Vorontsov. Nauk. zap. Kiev. un. 8 no. 7:5-40 '50 [i.e. '49].

Bioelectric potentials of tomato plants in connection with the effect of heteroauxin and $\alpha$-naphthylacetic acid. V. A. Opritov. Biofizika 1 no. 5:416-424 '56.

Changes in the electrical activity of the heart and brain of animals in acute radiation sickness. M. A. Movsesian, A. A. Oganisian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki, 9 no. 8:13-20 Ag '56.

Correlation of the stimulation and excitation of a plantar preparation from a frog by separate stimulations. D. S. Vorontsov, S. I. Fudel'-Osipova. Nauk. zap. Kiev. un. 8 no. 7:41-52 '50 [i.e. '49].

Effect of anode and cathode polarization on the function of ganglia. S. D. Koytun. Nauk. zap. Kiev. un. 8 no. 7: 149-157 '50 [i.e. '49].

Effect of the interelectrode distance on the excitability of isolated muscle fibers. S. A. Krolenko. Biofizika 1 no. 5:401-404 '56.

Electric potentials of the spinal cord in frogs during stimulation of the skin. I. Beritov, A. Roitbak. Nauk. zap. Kiev. un. 8 no. 7:241-247 '50 [i.e. '49].

Excitability of a nerve in the crab Hyas coarctatus induced by changing the distance between electrodes. D. L. Rozental', E. A. Shapiro. Dokl. AN SSSR 108 no. 5:977-980 Je '56.

Generation of potential currents in muscles during controlled changes in the structure of protein bodies and metabolism. Kh. S. Koshtoiants, S. S. Oganesian. Dokl. AN Arm. SSR 16 no. 4:123-127 '53.

Perielectrotonus. S. I. Fudel'-Osipova. Nauk. zap. Kiev. un. 8 no. 7:63-92 '50 [i.e. '49].

Relationship between bioelectric phenomena and glycolysis in muscle. S. S. Oganesian. Dokl. AN Arm. SSR 16 no. 5:151-155 '53.

Some results and prospects in electroretinographic research. B. N. Melik-Mus'ian, G. G. Demirchoglian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki. 9 no. 8:3-12 Ag '56.

Tonic component in the contraction of skeletal muscle under pessimal stimulation. F. N. Serkov. Nauk. zap. Kiev. un. 8 no. 7:249-257 '50 [i.e. '49].

ELECTROPHYSIOLOGY OF PLANTS

Influence of heteroauxin treatment of wheat seeds on their bioelectric potentials. V. A. Opritov. Dokl. AN SSSR 109 no. 4:765-767 Ag '56.

ELECTROPLATING

Electrometallization process for producing nuts for helical gear transmissions. IU. D. Pashin. Stan. i instr. 27 no. 7:43-44 Jl '56.

Electron microscope examination of dispersed iron deposits on the cathode. I. A. Deriugin, E. M. Natanson, N. N. Kozachek. Nauk. zap. Kiev. un. 14 no. 8:223-230 '55.

Insulated hooks for electroplating machine-parts. V. I. Minenko and others. Vest. mash. 36 no. 8:62-63 '56.

ELECTROTHERAPEUTICS

Electroconvulsive therapy. S. D. Rasin. Fiziol. zhur. [Ukr.] 2 no. 4:96-105 Jl-Ag '56.

Ionogalvanization with sodium bromide, combined with radon and hydrogen sulfide baths in the treatment of infectious polyarthritis. P. F. Liudvinskaia. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:50-54 Jl-S '56.

Limits to the use of electroconvulsive therapy in psychiatric practice; new method of combined narcoelectroconvulsive therapy of psychoses. M. IA. Sereiskii. Fiziol. zhur. [Ukr.] 2 no. 4:21-25 Jl-Ag '56.

Semiconductors in medicine. I. A. Abrikosov, N. P. Krylov. Zdorov'e 2 no. 9:7-8 S '56.

Stand for hoofs in electrotherapeutics. N. S. Fedotov. Veterinariia 33 no. 10:75-76 O '56.

ELEMENTARY PARTICLES see Particles, Elementary

ELEPHAS PRIMIGENIUS see subdivision 'Mammoth' under Dnieper Valley; Siberia

ELK

(see also subdivision under Archangel Province; Chkalov Province; Siberia)

Regularities of growth and seasonal changes in the live weight of elk [with English summary in insert]. E. P. Knorre, E. K. Knorre. Zool. zhur. 35 no. 8:1220-1237 Ag '56.

ELLIPSOID

Geometrical meaning of the first and second excentricities. V. M. Stovas. Vest. Len. un. 11 no. 13:130-141 '56.

EMBA REGION—PETROLEUM GEOLOGY

"Oil-bearing strata of the Emba region and the origin of oil pools." N. M. Chukeev. Reviewed by K. V. Antonov and others. Neft. khoz. 34 no. 8:85 Ag '56.

EMBA VALLEY—BITUMEN

Characteristics of organic matter and bitumens from middle Jurassic deposits of the Ural-Emba region. G. A. Gladysheva, V. P. Kozlov. Dokl. AN SSSR 109 no. 3:607-610 Jl '56.

EMBANKMENTS

Calculating the reinforcement of rock fill earthen embankments. B. A. Pyshkin. Gidr. stroi. 25 no. 8:43-45 S '56.

Methods for calculating the settlement of peat foundations of retaining dams constructed in swamps. A. F. TSygankov. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:329-337 '55.

New harbor embankment designs. S. Kamenskii, I. Medovikov. Mor. flot 16 no. 9:18-22 S '56.

EMBOLISM

Case of brain embolism following an intragluteal oxymonovocillin injection. S. I. Petrushevskii. Vest. ven. i derm. 30 no. 4:89 Jl-Ag '56.

EMBROIDERY see subdivision under Gorodets; Poltava Province; Saratov

EMBRYOLOGY

Morphological and histochemical investigation of motor and sensory nerve cells in chicken embryos at different development stages. L. B. Levinson, M. I. Leikina. Dokl. AN SSSR 109 no. 1:201-204 Jl-Ag '56.

EMBRYOLOGY—AMPHIBIA

Culture in vitro of presumptive anlagen of the olfactory organ in amphibians (Rana temporaria). IA. A. Vinnikov. Dokl. AN SSSR 108 no. 5:973-975 Je '56.

EMBRYOLOGY—BIRDS

Change in the development rate effect of elevated temperatures of chicken embryos. F. F. Murtazi. Dokl. AN SSSR 108 no. 6:1197-1200 Je '56.

Nucleic acids in motor cells of the spinal cord and in sensory cells of the spinal ganglion at certain development stages of chicken embryos. L. B. Levinson, E. V. Ananova. Dokl. AN SSSR 109 no. 2:381-383 Jl '56.

EMBRYOLOGY—FISHES

Morphogenesis of lavaret raised in the ponds of Moldavia. I. F. Andreev, M. P. Statova. Uch. zap. Kish. un. 13:85-93 '54.

EMBRYOLOGY—HYDROZOA

New data concerning the development of Hydra vulgaris (Pall). M. N. Gruzova. Dokl. AN SSSR 109 no. 3:670-672 Jl '56.

EMBRYOLOGY—INSECTS

Chaetological characteristics of the postembryonal development of spider mites. A. T. Bagdasarian. Dokl. AN Arm. SSR 15 no. 2:47-56 '52.

EMBRYOLOGY—MAMMALS

Adipose tissue in the stroma of the mammal gland in cattle foetus. V. M. Gorbunov. Dokl. AN SSSR 108 no. 5:941-943 Je '56.

Ovary development in Soviet merino ewes in the intrauterine period. E. F. Politkarpova. Dokl. AN SSSR 109 no. 4:885-888 Ag '56.

EMBRYOLOGY, HUMAN

Development of human epidermis layers and their partial reduction. IU. S. Bocharov. Dokl. AN SSSR 109 no. 2:421-424 Jl '56.

Histological properties of a two-week human embryo. A. A. Knorre. Arkh. anat. gist. i embr. 33 no. 2:38-46 Ap-Je '56.

On the genesis of "clear cells" of the human epidermis. IU. S. Bocharov. Dokl. AN SSSR 109 no. 3:667-669 Jl '56.

EMOTIONS

Can changes occur in the morphological composition of peripheral blood and blood coagulation time in man during strong emotions? A. N. IArisov. Lab. delo 2 no. 4:11-14 Jl-Ag '56.

EMPHYSEMA

Induced mediastinal emphysema [with summary in English, p. 160]. E. V. Polemkina. Vest. khir. 77 no. 7:89-92 Jl '56.

Mechanism of the development of high-altitude subcutaneous emphysema. I. S. Balakhovskii. Biofizika 1 no. 5:431-434 '56.

Physical and chemical characteristics of gas from the bubbles of high-altitude subcutaneous emphysema. I. S. Balakhovskii, M. M. Fomenko. Biofizika 1 no. 5:425-430 '56.

EMPHYSEMA, PULMONARY

Modification in the alkaline reserve during oxygen therapy of pulmonary emphysema with respiratory insufficiency. V. A. Grigor'eva. Terap. arkh. 28 no. 5:47-56 '56.

EMPLOYEE OWNERSHIP

Sermon and reality. Nov. vrem. 14 no. 41:19 O '56.

EMPLOYEES, DISMISSAL OF

Complaint of A. G. Fadeev, chief bookkeeper of the "Pimokat" artel of the Karaganda Province Producers' Council. Prom. koop. no. 9:36 S '56.

EMPLOYMENT OF CHILDREN see Children—Employment

EMPLOYMENT OF THE BLIND see Blind—Employment

EMULSIONS

Effect of cooling on the emulsification of proteins. V. M. Martynov. Koll. zhur. 18 no. 4:443-446 Jl-Ag '56.

Insecticidal mineral-oil emulsions with DDT and hexachloro-cyclohexane added. E. A. Pokrovskii. [Trudy] NIUIF no. 156:154-174 '56.

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENCEPHALITIS

(see also subdivision under Logostaevo District)

Clinical aspects and treatment of arachnoiditis. M. IA. Turetskii. Fel'd. i akush. 21 no. 7:3-6 Jl '56.

Clinical course of acute seasonal neurotropic virus infections. A. N. Filippovich. Zhur. mikrobiol., epid. i immun. 27 no. 8:84-90 Ag '56.

Epidemiology of Japanese encephalitis. M. K. Timofeev. Zhur. mikrobiol., epid. i immun. 27 no. 8:66-71 Ag '56.

Recovery of viruses from spontaneously infected Gamasidae. E. N. Levkovich, A. A. Tagil'tsev. Med. paraz. i paraz. bol. 25 no. 3:229-233 Jl-S '56.

Result of the organization of preventive measures in foci of blundulant meningoencephalitis. R. I. Kuznetsova, A. A. Churilova. Zhur. mikrobiol., epid. i immun. 27 no. 8:51-54 Ag '56.

ENCYCLOPEDIAS AND DICTIONARIES

[Great Soviet encyclopedia] Bol'shaia sovetskaia entsiklopediia. Glav. red. B. A. Vvedenskii. Chleny glav. red. N. N. Anichkov i dr. Izd. 2-oe. [Moskva] Gos. nauch. izd-vo "Bol'shaia sovetskaia entsiklopediia." Vol. 43. Topsol' - Uzhen'e [1956] 669 p.

ENDOCARDITIS

Endovasculitis of an arteriovenous aneurysm and subacute bacterial endocarditis. G. IA. TSukerman, I. I. Sergeenko. Klin. med. 34 no. 5:88-89 My '56.

Evaluation of cupping. A. A. Krylov. Lab. delo 2 no. 1:14-17 Ja-F '56.

Utilization of modifications of plasma proteins in a differential diagnosis of rheumatism and subacute septic endocarditis. A. A. Nizov. Terap. arkh. 28 no. 5:23-29 '56.

ENDOCRINOLOGY

In the All-Union Scientific Medical Society of Endocrinologists. Probl. endok. i gorm. 2 no. 2:125-127 Mr-Ap '56.

Scientific session of the All-Union Institute of Experimental Endocrinology. E. Z. Gincherman. Probl. endok. i gorm. 2 no. 3:123-127 My-Je '56.

ENDOTHELIUM

Changes observed in the endothelial cells of cutaneous blood vessels due to tick bites. L. B. Berlin. Dokl. AN SSSR 109 no. 4:859-861 Ag '56.

Regenerative potentialities of the aortal endothelium. F. V. Batluzek. Dokl. AN SSSR 109 no. 5:1039-1040 Ag '56.

ENESCU, GEORGES, 1881-1955

National composer of Rumania. Andrei Tudor. Inostr. lit. no. 9:242-244 S '56.

ENGELS, FRIEDRICH, 1820-1895

The K. Marx and F. Engels Museum. V. A. Radus-Zen'kovich. Vop. ist. no. 7:100-110 Jl '56.

ENGINEERING

Liapunov, B. V. [The struggle for speed] Bor'ba za skorost'. Perer. izd. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 207 p.

ENGINEERING—STUDY AND TEACHING

Are the higher educational institutions training machine-building engineers with a wide background? I. M. Kabel'skii. Vest. vys. shkoly 14 no. 9:80-81 S '56.

Improve personnel training and intensify attention on young specialists. Strol. prod. neft. prom. 1 no. 7:1-2 S '56.

ENGINEERING, CHEMICAL see Chemical engineering

ENGINEERING, ELECTRIC see Electric engineering

ENGINEERING, HYDRAULIC see Hydraulic engineering

ENGINEERING, MECHANICAL see Mechanical engineering

ENGINEERING, MINING see Mining engineering

ENGINEERING, NUCLEAR see Nuclear engineering

ENGINEERING, RAILROAD see Railroad engineering

ENGINEERING, SANITARY see Sanitary engineering

ENGINEERING, TRAFFIC see Traffic engineering

ENGINEERING, WATER SUPPLY see Water supply engineering

ENGINEERING DRAWING see Mechanical drawing

ENGINEERING LABORATORIES

Sanitary, hygienic and technical requirements in planning and equipping laboratories for radioactive substances. V. P. Granil'shchikov, G. M. Parkhomenko. Med. rad. 1 no. 3:42-52 My-Je '56.

ENGINEERING STANDARDS see Standards, Engineering

ENGINES—TESTING

New running-in and brake-testing block. V. Smirnov, U. Margvelidze. MTS 16 no. 9:34-35 S '56.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

Chochia, A.P., comp. [English-Russian dictionary of fuels and oils] Anglo-russkii slovar' po toplivam i maslam. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 545 p.

A useful dictionary ("English-Russian economic and foreign trade dictionary." E. E. Israilevich. Reviewed by M. Dikanskii) [with summary in English, p. 32]. Vnesh. torg. 36 no. 8:27-28 Ag '56.

ENGLISH LANGUAGE—VERB

Kerlin, A.A., and M.D.Kuznets. [Compound verbs in modern English] Sostavnye glagoly v sovremennom angliiskom iazyke. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 126 p.

ENGLISH LITERATURE—TRANSLATIONS FROM THE UKRAINIAN

History of Ukrainian-English literary connections. Nina Rodzevych. Vitchyzna 24 no. 10:158-163 O '56.

ENGRAVING

Engraving on glass. IU. P. Frolov. Klub 6 no. 9:19 S '56.

ENOLASE

Effect of nucleic acids on the enzymatic functions of proteins. O. P. Chepynoha, I. G. Pavlovs'kyi. Ukr. biokhim. zhur. 28 no. 3:296-300 '56.

ENSILAGE

(see also subdivision under Poland)

Analysis of labor expended in putting up silage. A. Elenov. Tekhsov. MTS 17 no. 12:13-16 Je '56.

Answering our readers' questions. Sots. tvar. 28 no. 9:93 S '56.

Chemical preservation of feed. N. A. Shmanenkov, M. T. Taranov. Sovkhoz. proizv. no. 9:46-51 S '56.

Corn silage and its use. IA. Babin, D. Elpat'evskii. Moloch. i miasn. zhiv. no. 3:41-45 My '56.

Effect of ear corn silage on digestion in swine. O. I. Arkhypovets'. Sots. tvar. 28 no. 10:32-34 O '56.

Fattening hogs for meat on silage of ear corn and potatoes. D. Novosel'tsev. Kolkh. proizv. 16 no. 8:25 Ag '56.

Feeding mixed corn silage to pregnant sows. T. V. Gorb. Svinovodstvo no. 5:42-44 Jl '56.

Feeding silage to ducks and geese. A. U. Bykhovets'. Sots. tvar. 28 no. 10:35-37 O '56.

Investigation of acidophilic bacteria for the production of potato ensilage [with English summary in insert]. M. M. Makarova, A. S. Makhalova. Mikrobiologiia 25 no. 4:476-483 Jl-Ag '56.

Make use of all capacities for preparing more silage. V. M. Pakhuchyi. Sots. tvar. 28 no. 9:28-31 S '56.

Mechanized covering of surface silos with soil. IU. S. Liubyns'kyi. Sots. tvar. 28 no. 9:49-51 S '56.

Mixed silage in swine rations. S. T. Klitsenko. Sots. tvar. 28 no. 9:35-36 S '56.

Our work practices in surface ensilage. R. I. Muzyka. Sots. tvar. 28 no. 9:19-20 S '56.

Promising silage crops for the Kirgiz S.S.R. and organization of seed production for them. V. N. Kovalev. Trudy Biol. inst. KirFAN SSSR no. 4:31-43 '51.

Using ear corn in swine rations. F. I. Ocheret'ko. Svinovodstvo no. 5:18-23 Jl '56.

Using SK-2,0 ensilage harvesters. G. M. Gin'ko. Nauka i pered. op. v sel'khoz. no. 7:59-60 Jl '56.

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGY

Report on the activity of the All-Union Entomological Society in the Academy of Sciences of the U. S. S. R. for 1955. Ent. obozr. 35 no. 2:474-476 '56.

Short report on the activity of the All-Union Entomological Society in the Academy of Sciences of the U. S. S. R. for 1954. Ent. obozr. 35 no. 2:473-474 '56.

ENTOMOLOGY—CONGRESSES

(see also subdivision under Czechoslovakia)

Tenth International Entomological Congress [parallel text in Russian and English]. Ent. obozr. 35 no. 3:485 '56.

ENTOMOLOGY—DICTIONARIES

"Dictionary and handbook of the entomologist." V. N. Shchegolev, ed. Reviewed by B. B. Rodendorf. Ent. obozr. 35 no. 2:479-482 '56.

ENTOMOLOGY—PERIODICALS

Reactivation of the "Entomological Review." Ent. obozr. 35 no. 1:5-7 '56.

ENVIRONEMENT see Acclimatization; Anthropogeography

ENZYMES

Enzymatic activity of leaves of trees of various ages and the activity modification in case of vegetative propagation. V. O. Kazarian, E. S. Avundzhian. Dokl. AN SSSR 108 no. 5:956-961 Je '56.

Oparin, A.I. [Variation in enzyme activity in the plant cell under the influence of external factors] Izmenenie deistvila enzimov v rastitel'noi kletke pod vliianiem vneshnikh vozdeistvii; doklad na vtorom Mezhdunarodnom biokhimicheskom kongresse, Parizh, 1952. Moskva, Izd-vo Akademii nauk SSSR, 1952. 56 p. [Parallel texts in Russian and French]

A study of enzymatic transformations of starch in potato tubers at various vegetation periods [with English summary in insert]. A. N. Petrova, T. T. Bolotina. Biokhimiia 21 no. 4:451-460 Jl-Ag '56.

EOSIN

Registration of curves on tracing paper by eosin. P. I. Belousov. Klin. med. 34 no. 7:85-88 Jl '56.

EOSINOPHILES

Effect of light on the peripheral eosinophile count and on adrenal function. I. A. Eskin, G. M. Vidavskaia. Probl. endok. i gorm. 2 no. 1:82-87 Ja-F '56.

EPIDEMIOLOGY

(see also subdivision under Caspian Depression)

Activities of the scientific council and scientific conferences of the Gamaleia Institute of Epidemiology and Microbiology of the Academy of Medical Sciences of the U. S. S. R. in 1955. Zhur. mikrobiol., epid. i immun. 27 no. 9:123-127 Ag '56.

Results of the work of the 24th session of the International Epizootical Bureau. IA. R. Kovalenko, M. K. IUskovets. Veterinariia 33 no. 9:70-79 S '56.

EPIDERMIS

Development of human epidermis layers and their partial reduction. IU. S. Bocharov. Dokl. AN SSSR 109 no. 2: 421-424 Jl '56.

Electron microscope examination of the human epidermis. L. S. Gol'din. Dokl. AN SSSR 109 no. 1:197-200 Jl-Ag '56.

On the genesis of "clear cells" of the human epidermis. IU. S. Bocharov. Dokl. AN SSSR 109 no. 3:667-669 Jl '56.

EPINEPHRIN see Adrenaline

EPITHELIUM

Experimental investigation of the conditions determining the development of the pigment layer and the retina in mammals. O. G. Stroeva. Dokl. AN SSSR 109 no. 3: 657-660 Jl '56.

EQUATIONS

Convergence of approximate methods. M. I. Nechepurenko. Dokl. AN SSSR 109 no. 4:704-705 Ag '56.

Has the equation an interrogative meaning? V. P. Beshkarev. Mat. v shkole no. 5:81 S-O '56.

EQUATIONS, DIFFERENTIAL see Differential equations

EQUATIONS, FUNCTIONAL see Functional equations

EQUATIONS, INTEGRAL see Integral equations

EQUATIONS, LINEAR see Linear equations

EQUILIBRIUM, CHEMICAL see Chemical equilibrium

EREMURUS see Desert candle

ERGOSTEROL

Effect of metal ions on the stability of egg albumin complexes with ergosterin. G. A. Deborin, M. I. Bystrova, G. F. Ivashchenko. Izv. AN SSSR. Ser. biol. no. 4:116-120 Jl-Ag '56.

ERIVAN—BASALT

Stratigraphic position and age of the dolerite basalts of the Erivan region. A. A. Gabrielian. Dokl. AN Arm. SSR 9 no. 1:27-31 '48.

ERIVAN—HAWKWEED

New species of the genus Hieracium L. from Armenia. L. M. Kemularia-Natadze. Dokl. AN SSR 16 no. 2:49-52 '53.

ERIVAN—PIONEERS (COMMUNIST YOUTH)

Initiators, laborers, friends. A. Khmelik. Pioner no. 10:52-57 O '56.

ERIVAN—RED SPIDER

Description of new species of the genera Petrobia and Tetranychina (Tetranychidae, Acarina). G. F. Rekk, A. T. Bagdasarian. Dokl. AN Arm. SSR 10 no. 4:189-192 '49.

A new species of spider mites in Armenia. A. T. Bagdasarian. Dokl. AN Arm. SSR 9 no. 3:129-130 '48.

ERIVAN—UNIVERSITIES AND COLLEGES

Glorious twentieth anniversary. Uch. zap. Eriv. gos. russ. ped. inst. 5:v-xi '55.

ERMINES see Weasels

EROSION

(see also subdivision under Shusha District)

Effective antierosion tillage method. I. S. Aliev, V. V. IArovenko. Sovkhoz. proizv. no. 9:63-66 S '56.

Erosion control on virgin lands. S. P. IArkov. Nauka i pered. op. v sel'khoz. no. 7:19-22 Jl '56.

Factors of the antierosive effectiveness of buffer strips. V. Trushin. Izv. TSKhA no. 1:25-32 '56.

Fertilizing grain crops on eroded soils. V. P. Kozlov. Ud. i ur. 1 no. 8:55 Ag '56.

Some disadvantages of representing erosion relief on maps with a scale of 1:10,000. V. M. Lozinova. Geod. i kart. no. 4:54-57 Je '56.

EROSION—BIBLIOGRAPHY see Bibliography—Erosion

ERTHROCYTES

Erthrocyte weight coefficient as an indicator of oxidation intensity in animals. I. P. Mishchenko. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:99-100 '55.

ERYSIPELAS

Role of trace reactions in the pathogenesis of recurrent erysipelas; author abstract. E. A. Ludianskii. Zhur. mikrobiol., epid. i immun. 27 no. 8:107 Ag '56.

ERYTHEMA

Clinical aspects and treatment of erythema circinatum. A. F. Nikitina, G. M. Bol'shakova. Vest. ven. i derm. 30 no. 4:56 Jl-Ag '56.

ERYTHREMIA

Problem of acute reticuloerythromyelosis. F. D. Ponomareva. Terap. arkh. 28 no. 5:66-69 '56.

ERYTHROCYTES

Acceleration of the regeneration of blood in rabbits under the effect of an infusion of Ginseng roots. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:156-159 '55.

Change of the content of group antigens in human blood erythrocytes in muscular work. IU. I. Melamed. Lab. delo 2 no. 3:22-23 My-Je '56.

Use of acid sodium citrate for determining the rate of sedimentation of erythrocytes (annotation). M. P. Bolotov. Lab. delo 2 no. 2:30-31 Mr-Ap '56.

ESCHERICHIA COLI

(see also subdivision under Volga River)

Determination of the coli bacillus titer using. M. G. Kichenko's method. Lab. delo 2 no. 1:28-29 Ja-F '56.

Effect of intense aeration on the multiplication dynamics of Escherichia coli in a liquid medium. S. A. Anatolii. Mikrobiologiia 25 no. 3:286-292 My-Je '56.

M. G. Kichenko's rosolic acid medium for detecting the coli bacillus in water in which hands and articles of general use were washed. L. S. Kreinin. Gig. i san. 21 no. 9:81 S '56.

Studying the effect of ultrasonic waves on the coli bacillus. IU. G. Talaeva. Gig. i san. 21 no. 9:69-70 S '56.

ESKHAKON VALLEY—TOMBS

Tomb at Eshkakon River. N. M. Egorov. Krat. soob. IIMK no. 64:135-140 '56.

ESKIMO DOGS see subdivision under Altai Territory

ESKIMO LANGUAGE—NUMERALS

Historical formation of numerals in the Eskimo language. G. A. Menovshchikov. Vop. iaz. 5 no. 4:60-71 Jl-Ag '56.

ESKIMOS

Eskimos. E. Linnik. Vokrug sveta no. 8:22-23 Ag '56.

ESOPHAGUS—INNERVATION

Changes in the intramural nervous system of the esophagus in amphibians and reptiles during hibernation. V. P. Babmindra. Vest. Len. un. 11 no. 15:91-95 '56.

Nervous system of the human esophagus. N. G. Kolosov. Vest. Len. un. 11 no. 15:73-90 '56.

ESPIONAGE see subdivision under Denmark

ESSENCES AND ESSENTIAL OILS

Chemical investigation of the essential oil of Schisandra. F. T. Zapotyl'ko. Mat. k izuch. zhen'-shenia i lim. no. 2:97-99 '55.

ESTERS

Physicochemical study of the interaction of titanium tetrachloride with esters of monobasic acids. Part 10. Fusibility of the system; titanium tetrachloride — esters of monobasic acids. IU. A. Lysenko, O. A. Osipov, E. K. Akopov. Zhur. neorg. khim. 1 no. 3:536-541 Mr '56.

Production of esters and oxyketones by the acylation of aluminium phenolates and arylborates. V. K. Kuskov, L. P. IUr'eva. Dokl. AN SSSR 109 no. 2:319-321 Jl '56.

ESTHETICS see Aesthetics

ESTONIA—BIRDS, PROTECTION OF

Matsalu Game Preserve. E. Kumari. Okh. i okh. khoz. no. 8:24 Ag '56.

ESTONIA—BORING

Designing water wells for rotary boring. I. I. Plotitsin. Vod. i san. tekh. no. 8:35-36 Ag '56.

ESTONIA—CORN (MAIZE)

Corn on the "Kurekõla" State Farm. P. I. Isakov. Kukuruza 1 no. 3:35-37 Je '56.

ESTONIA—DAIRY INDUSTRY

Work experience of the enterprises of the Estonian SSR. E. Pravon. Moloch. prom. 17 no. 6:42 '56.

ESTONIA—DIPTERA

Midges of the genus Culicoides Latr. (Diptera, Heleidae) from Estonia. Kh. IA. Remm. Ent. oboz. 35 no. 1:172-183 '56.

ESTONIA—FORAGE PLANTS

Seven to eight thousand feed units per hectare. J. G. Eichfeld. Nauka i pered. op. v sel'khoz. no. 8:10-11 Ag '56.

ESTONIA—INSECTS

Structure and dynamics of mesofauna of lowland swamps in the Estonian S. S. R. [with summary in German]. Kh. M. Khaberman. Ent. oboz. 35 no. 3:620-636 '56.

ESTONIA—JOURNALISM, AGRICULTURAL

When a report excludes a live message. Part. zhizn' no. 16:68-69 Ag '56.

ESTONIA—LEPTOSPIROSIS

Carriage of Leptospira of the Moniakov type (DV-B) by gray rats in Estonia. N. I. Slavnin, G. M. Medinskii. Zhur. mikrobiol. epid. i immun. 27 no. 9:57-60 S '56.

ESTONIA—PASTURES AND MEADOWS

Establishment and use of perennial cultivated pastures. R. Toomre. Kolkh. proizv. 16 no. 9:13-15 S '56.

ESTONIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Let songs strengthen peace and friendship. H. Paromchyk. Belarus' 13 no. 9:5 S '56.

ESTONIA—SWINE

Hürri, E. [Increasing the production of Estonian bacon] Uvelichim proizvodstvo estonskogo bekona. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 70 p. (Rasskazy novatorov)

(DA)

ESTROGENS

Estrogen reaction induced by conditioned reflex. P. A. Vunder, V. F. Lapshina. Probl. endok. i gorm. 2 no. 3: 74-80 My-Je '56.

ESTRUS

Sexual cycle in choline insufficiency. Probl. endok. i gorm. 2 no. 3:96-99 My-Je '56.

ETHANEDIOL

Study of the pinacone conversions with substituted acetylene residues. Part 12. Action of mercuric acetate on asymmetric dimethylphenyl-phenylacetylenylethylene glycol. E. D. Venus-Danilova, A. Fabritsy. Zhur. ob. khim. 26 no. 7:1901-1906 Jl '56.

ETHANOL

Corrosion of chemical apparatus by an aqueous solution of monoethanolamine. M. L. Rutkovskii. Khim. prom. no. 3:153-156 Ap-My '56.

Effect of choline and colamine on the oxidation of adrenaline. V. G. Mkhitarian, V. B. Egitian. Dokl. AN Arm. SSR 11 no. 1:19-23 '49.

Research in the field of aliphatic-aromatic amino alcohols. Part 1. Synthesis of $\alpha$-(m-aminophenyl)-$\beta$-alkylaminoethanols. S. I. Serglevskaia, L. E. Sventsitskaia. Zhur. ob. khim. 26 no. 7:1967-1976 Jl '56.

Research in the field of aliphatic-aromatic amino alcohols. Part 2. $\alpha$-(p-aminophenyl)-$\beta$-alkylaminoethanols. S. I. Serglevskaia, L. E. Sventsitskaia. Zhur. ob. khim. 26 no. 7:2077-2081 Jl '56.

ETHER

Mechanism of the denaturation of proteins; effect of formaldehyde and ether on the resistance to denaturation of globular proteins. A. S. TSyperovich. Vop. med. khim. 2 no. 3:169-174 My-Je '56.

ETHER (ANESTHETIC)

Effect of ether narcosis on the distribution of radioactive phosphorus in the liver, kidneys, and blood of rats. K. F. Sorvachev. Vop. med. khim. 2 no. 4:299-304 Jl-Ag '56.

ETHERS

Acetylene derivatives. Part 175. Alcoholysis of $\beta$-cyanoethyl ethers of acetylenic alcohols. I. N. Nazarov, G. A. Shvekhgeimer. Izv. AN SSSR. Otd. khim. nauk no. 7:827-833 Jl '56.

p-alkoxybenzylalkyl ethers and their behavior in a chloromethylating medium. A. A. Arotan, S. G. Titanian, M. G. Gevorgian. Nauch. trudy Erev. un. no. 53:53-56 '56.

Synthesis of glycol ethers. Shamkhal Mamedov, A. Abdullaev. Izv. AN Azerb. SSR no. 5:49-56 My '56.

ETHICS, COMMUNIST see Communist ethics

ETHNIC TYPES see subdivision under Sinkiang

ETHNOLOGY

(see also subdivision under Baltic Sea region; Georgia; Japan)

Contribution of Russian scholars to the world's ethnographic science. S. A. Tokarev. Trudy Inst. etn. 30 no. 1:5-29 '56.

Ethnographic materials in the periodical "V zashchitu mira." G. Nersesov. Sov. etn. no. 2:136-146 '56.

Ethnographic studies in the Russian expeditions around the world in the first half of the 19th century. B. A. Lipshits. Trudy Inst. etn. 30 no. 1:299-322 '56.

Materials on the history of early Russian ethnography (12th-17th centuries). M. O. Kosven. Trudy Inst. etn. 30 no. 1:30-70 '56.

Work by the Institute of Ethnography of the Academy of Sciences of the U. S. S. R. during 1955. I. Zolotarevskaia. Sov. etn. no. 2:132-135 '56.

ETHNOLOGY—PERIODICALS see subdivision under Armenia

ETHYL ETHER
Study of the reaction of boron trichloride etherate with lithium hydride. Part 1. Preparation of diborane of individual purity. V. I. Mikheeva, E. M. Fedneva. Izv. AN SSSR. Otd. khim. nauk no. 8:902-912 Ag '56.

ETHYL THIOPHOSPATE
Mercaptophos against the San Jose scale. A. V. Ivanchenko. Zashch. rast. ot vred. i bol. 1 no. 2:56 My-Je '56.
Mercaptophos for the protection of cotton plants. R. N. Anaian, V. A. Chilingarian. Zashch. rast. ot vred. i bol. 1 no. 2:29-30 My-Je '56.

ETHYLAMINE
Treatment of psoriasis by antipsoriaticum ointment. V. A. Laptev. Vest. ven. i derm. 30 no. 4:11-12 Jl-Ag '56.

ETHYLENE
Polyvinyl chloride linoleum. IA. Shtemgas, K. Afanas'eva. Stroi. mat., izdel. i konstr. 2 no. 7:13-14 Jl '56.

ETHYLENE OXIDE
Condensation of ethylene oxide with aniline over lead oxide. G. E. Morhun, M. S. Malinovskii. Nauk. zap. L'viv. un. 34:110-114 '55.

ETHYLENEDIAMINE
Interaction of copper tellurite and copper and copper disulfatotellurilocuproate with aqueous ethylenediamine solution. V. S. IAkovleva, B. P. Troitskii. Zhur. neorg. khim. 1 no. 2:264-273 F '56.

ETIQUETTE
Be courteous. L. Fridman. Pioner no. 10:74 O '56.
Be polite. A. Dorokhov. Pioner no. 9:78-79 S '56.

EUCOMMIA
Development of gutta-percha containers in eucommia. E. K. Nizkovskaia. Dokl. AN Tadzh. SSR no. 5:23-29 '52.
Latex accumulation in eucommia in various geographical zones. M. S. Kalantyr'. Agrobiologiia no. 4:115-119 Jl-Ag '56.
Localization of gutta-percha in eucommia. E. K. Nizkovskaia. Dokl. AN Tadzh. SSR no. 1:23-30 '56.

EUGÈNE, Prince of Savoie-Carignan, 1663-1736—FICTION
"Prince Eugene"; a novel [in German]. Ernst Fischer. Reviewed by N. Stal'skii. Inostr. lit. no. 8:185-188 Ag '56.

EULER, JOHANN ALBRECHT, 1734-1800
A letter of J. A. Euler to B. Franklin. M. I. Radovskii. Vop. ist. est. i tekh. no. 1:245-246 '56.

EUPHORDIA see subdivision under Black Sea region

EUROPE—DESCRIPTION AND TRAVEL
Around Europe. Nina Kotel'nikova. Rabotnitsa 34 no. 9:24 S '56.
Around Europe; photos and notes. Raisa IUshina. Sov. zhen. 12 no. 9:24-25 S '56.
Around Europe; travel notes. I. Kazanskii. Mol. komm. 14 no. 8:80-86 Ag '56.
To the other end of the world; diary from the trip on the ship "Pobeda." Boris Polevoi. IUnost' no. 10: 81 O '56.

EUROPE—HISTORY
The first Russian revolution of 1905-1907 and the rise of the revolutionary movement in Europe. N. I. Pavliskaia. Vest. Len. un. 11 no. 14:5-21 '56.

EUROPE—POPULATION
"Europe and its population" [in French]. Alfred Sauvy. Reviewed by N. N. Baranskii. Izv. Vses. geog. ob-va 88 no. 4:406-407 Jl-Ag '56.

EUROPE—RELATIONS (GENERAL) WITH RUSSIA
Along the world's pathways. N. Mikhailov. Sov. Soiuz no. 8:21-25 S '56.
Meetings. V. Sokolova. Krest'ianka 35 no. 9:26-28 S '56.
Shake hands, distant friend! I. Kazanskii. Smena 33 no. 16:14-15 Ag '56.

EUROPE—VOYAGES AND TRAVEL
The "Pobeda" is sailing around Europe. Borys Buriak. Vitchyzna 24 no. 10:130-153 O '56.

EUROPE, EASTERN—AGRICULTURE, COOPERATIVE
The origin and development of cooperative (group) property in the agriculture of the European people's democracies. V. Starodubrovskaia. Vop. ekon. no. 9: 86-100 S '56.

EUROPE, EASTERN—AGRICULTURE AND STATE
Socialist reorganization of agriculture in the European peoples' democracies. P. N. Efremov. Pratsi Od. un. 145:95-115 '55.

EUROPE, EASTERN—BRIDGES, CONCRETE
Construction of reinforced concrete bridges in the people's democracies. N. M. Kurek, M. V. Ostrovskii. Mekh. trud. rab. 10 no. 9:45-46 S '56.

EUROPE, EASTERN—CHEMICAL PLANTS
Plans for chemical plants for the people's democracies. Slaviane no. 10:62 O '56.

EUROPE, EASTERN—ECONOMIC CONDITIONS
"Oxford regional economic atlas: The U. S. S. R. and Eastern Europe." Reviewed by P. M. Alampiev, L. M. Blushgens, E. L. Gurari. Izv. AN SSSR. Ser. geog. no. 4:128-135 Jl-Ag '56.
"Problems of geography of the people's democracies." Akademiia nauk SSSR. Trudy instituta geografii, volume 59. Reviewed by S. L. Pevzner. Geog. v shkole 19 no. 4:76-78 Jl-Ag '56.
Rushnevskii, M.IA. [Successes in the social development of European people's democracies] Uspekhi sotsialisticheskogo stroitel'stva evropeiskikh stran narodnoi demokratii. Leningrad, Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Leningradskoe otd-nie, 1955. 43 p.

EUROPE, EASTERN—ELECTIONS
Teplova, N. A. [The electoral system of the European peoples' democracies] Izbiratel'naia sistema evropeiskikh stran narodnoi demokratii. Moskva, Gos. izd-vo juridicheskoi lit-ry, 1956. 60 p. (Nauchno-popularnaia juridicheskaia literatura)

EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS—RUSSIA
Economic cooperation among socialist countries. B. Odinokov. Slaviane no. 10:8-10 O '56.

EUROPE, EASTERN—GEOGRAPHY—STUDY AND TEACHING
Geography in the European people's democracies. N. F. IAnitskii. Izv. AN SSSR. Ser. geog. no. 4:114-120 Jl-Ag '56.

EUROPE, WESTERN—BRIDGES, CONCRETE
Reinforced concrete bridges abroad. I. A. Stoliarskaia. Avt. dor. 19 no. 7:27-29 Jl '56.

EUROPE, WESTERN—METALLURGY
Metallurgy in Belgium, Luxembourg and France. S. G. Afanas'ev. Metallurg no. 8:36-40 Ag '56.

EUROPE, WESTERN—ROAD MACHINERY
Machinery for packing fill-ins. G. G. Saatchian. Transp. stroi. 6 no. 8:25-26 Ag '56.

EUROPE, WESTERN—SOCIAL LIFE AND CUSTOMS
Materials on the ethnography of the peoples of Western Europe provided by Russian travelers (to the middle of the 19th century). I. N. Grozdova. Trudy Inst. etn. 30 no. 1:323-342 '56.

EUROPE, WESTERN—STREET LIGHTING
Experience abroad with luminescent street lighting. L. E. Veis. Gor. khoz. Mosk. 30 no. 7:33-35 Jl '56.

EUROPE, WESTERN—TELEVISION IN INDUSTRY
Use of television in power installations in Western Europe (From: "Power" no. 9, '55). Prom. energ. 11 no. 7:31 Jl '56.

EUROPE, WESTERN—WRESTLING
"Evening fight." Znam. sila 31 no. 9:35 S '56.

EUROPEAN FEDERATION
Clear question. Nov. vrem. 14 no. 40:16 S '56.

EUROPEAN WAR, 1914-1918
(see also subdivision under Iran; Ukraine)
All power to the Soviets (continuation). M. D. Bonch-Bruevich. As told to Il'in Kremlev. Zvezda no. 10:107-133 O '56.

EURYGASTERS
(see also subdivision under Krasnodar Territory; Tajikistan; Ukraine)
Correct use of "vofatoks." P. V. Zaring. Zashch. rast. ot vred. i bol. 1 no. 2:27-28 My-Je '56.
Study of factors influencing the effectiveness of various types of DDT dusts in controlling shield bugs. K. A. Gar. [Trudy] NIUIF no. 155:36-45 '55.

EUTECTICS
Determination of eutectic temperatures for water - salt systems by means of contact fusion. V. B. Chernogorenko. Zhur. neorg. khim. 1 no. 2:317-322 F '56.
Effect of small admixtures on eutectoid dissociation in alloys. M. I. Zakharova, E. S. Kuznetsova. Issl. splav. tsvet. met. no. 1:120-122 '55.
Investigating the effect of pressure on eutectoid dissociation in copper-tin alloys. M. I. Zakharova, V. I. Glebova. Issl. splav. tsvet. met. no. 1:123-125 '55.

EVALUATION OF DISABILITY see Disability evaluation

EVAPORATION
Intensity of the adsorption-interference evaporation of ionized salts. M. M. Tymoshyk. Dop. ta pov. L'viv. un. no. 5, pt. 2:80-82 '56.
Theory of evaporation losses of liquid fuels. I. P. Budatrov. Azerb. neft. khoz. 35 no. 5:22-24 My '56.

EVENING AND CONTINUATION SCHOOLS
In the Ministry of Higher Education of the U. S. S. R. Sred. spets. obr. no. 9:64 S '56.

EVENING PRIMROSE
Evening primrose. I. IU. Vaniushkevich. Pchelovodstvo 33 no. 10:45-46 O '56.

EVERGREENS see subdivision under Tajikistan

EVIDENCE (LAW)
IUdel'son, K. S. [Legal evidence and its practical application in Soviet civil procedure] Sudebnye dokazatel'stva i praktika ikh ispol'zovaniia v sovetskom grazhdanskom protsesse. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 250 p.

EVIDENCE, CRIMINAL
"Material truth and legal evidence in Soviet criminal procedure." M. S. Strogovich. Reviewed by M. L. Shifman, I. B. Mikhailovskaia. Sov. gos. i pravo no. 4:137-142 '56.
"Testimony of a witness in Soviet criminal procedure." R. D. Rakhunov. Reviewed by V. IA. Dorokhov. Sov. gos. i pravo no. 6:137-140 '56.

EVIDENCE, EXPERT
Legal status of experts. IU. S. Sapozhnikov. Nauk. zap. Kiev. un. 7 no. 2:139-150 '48.

EVOLUTION
The development of living matter from its function of irritability to the manifestation of the human means of relecting the world. G. M. Vartanian. Uch. zap. Erev. gos. russ. ped. inst. 4:159-207 '55.
Evolution of the eye. G. K. Gurtovoi. Nauka i zhizn' 23 no. 9:32-33 S '56.
"Fundamentals of Darwinism"; textbook for high schools. M. I. Mel'nikov, A. A. Shabanov, V. M. Korsunskaia. Reviewed by N. I. Puzanov. Bot. zhur. 41 no. 7:1042-1046 Jl '56.
Overpopulation and the struggle for existence. P. N. Golinevich. Vop. filos. no. 4:183-192 '56.
Philosophical problems in biological evolution. P. D. Puzikov. Vop. filos. no. 4:179-183 '56.

EVSTAF'EV, ALEKSEI GRIGOR'EVICH, 1779-1857
A forgotten writer and journalist. L. Svetlov. Novyi mir 32 no. 8:278-279 Ag '56.

EVTUSHEVSKII, VASILII ANDRIANOVICH, 1836-1886
Vasilii Andrianovich Evtushevskii. V. E. Prudnikov. Mat. v shkole no. 5:15-20 S-O '56.

EXAMINATIONS
Oral questioning. A. S. Mostovoi. Sred. spets. obr. no. 9: 25-27 S '56.
Our practice of evaluating progress on a current basis. A. P. Dubinin. Sred. spets. obr. no. 8:21-24 S '56.

EXCAVATING MACHINERY
[Advanced engineering methods in excavation work in connection with railroad construction] Peredovaia tekhnologiia proizvodstva zemlianykh rabot pri stroitel'stve zheleznykh dorog. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 150 p.
The EM-201 multibucket excavator. A. F. Belenko, V. M. Bukh. Stroi. i dor. mashinostr. no. 7:5-8 Jl '56.
Excavating giant. Ukraina no. 19:32 O '56.
Important potentialities in increasing the productivity of excavators. D. E. Markman. Mekh. trud. rab. 10 no. 8:24 Ag '56.
Industrialization and over-all mechanization of land improvement work in the White Russian S. S. R. R. F. Takanaev. Gidr. i mel. 8 no. 9:31-37 S '56.
Kul'kov, Maulet. [Progressive work procedures of machinists operating excavators in coal mines] Peredovye priemy raboty mashinistov ugol'nykh ekskavatorov. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 15 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Machinery used for land improvement at machine-tractor stations. D. Lastochkin. MTS 16 no. 9:16-18 S '56.
Mechanized covering of surface silos with soil. IU. S. Liubyns'kyi. Sots. tvar. 28 no. 9:49-51 S '56.
More efficient operation of a single bucket excavator in working light soils. Voronisov-Vel'iaminov, N. P. Mekh. trud. rab. 10 no. 9:24-27 S '56.
Skalevoi, P. A. [More than 2 million cubic meters of earth per excavator a year] Za 2 milliona kubometrov grunta na ekskavator v god. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 12 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)
Stramous, M. F. [Work practice of excavator operator N. P. Usachev] Opyt raboty ekskavatoshchika N. P. Usacheva. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 22 p. (Novatory stroitel'noi industrii)
Use of excavating machinery in building silage trenches. F. Deshevoi. MTS 16 no. 8:27-28 Ag '56.
Vsesoiuznaia tekhnicheskaia kontora "Soiuzstroimekhzapchast'." [Catalog of spare parts for E-505A and E-651 excavators] Katalog zapasnykh chastei ekskavatorov E-505A i E-651. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 103 p.

EXCAVATING MACHINERY—REPAIRING
Shortcomings in the excavator repair system. G. M. Bovin, I. P. Makridin. Gor. zhur. no. 9:39-42 S '56.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Easter Island; Kara-Kalpak; Khakas Autonomous Province; Poland

EXCHANGES, LITERARY AND SCIENTIFIC

Akademiia nauk SSSR, Biblioteka. [Main points of reports at a scientific conference entitled "Scientific and cultural relations of the Library of the U.S.S.R. Academy of Sciences with non-Soviet Asiatic countries"] Tezisy dokladov na nauchnoi konferentsii "Nauchnye i kul'turnye sviazi Biblioteki Akademii nauk SSSR so stranami zarubezhnogo Vostoka." Leningrad, 1955. 17 p.

A Soviet scientist's mail. I. Glushchenko. Ogonek 34 38:14 S '56

EXECUTIONS (LAW)

Reversal of the execution of judicial judgments in Soviet civil procedure. IA. L. Shtutin. Nauk. zap. Kiev. un. 14 no.7:117-128 '55.

EXERCISE

Effect of physical exercise on creatinuria in children. A. M. Alekseeva, N. M. Timofeeva. Vop. med. khim. 2 no. 3:198-202 My-Je '56.

EXERCISE THERAPY

"Exercise therapy in posture disorders and scolioses in school children." A. D. Rubtsova. Reviewed by V. Gorinevskaia. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:86-87 Jl-S '56.

Exercise therapy in the treatment of myotonia. O. V. Kamenseva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:85-87 Jl-S '56.

Physical culture therapy in hypertension. N. A. Belata. Zdorov'e 2 no. 9:15 S '56.

EXHIBITIONS see subdivision under Kabul; Kharkov; Moscow; Pyongyang, Korea

EXPEDITIONS, ANTARCTIC see Antarctic regions

EXPEDITIONS, SCIENTIFIC see Scientific expeditions

EXPERIMENTAL MEDICINE see Medicine, Experimental

EXPERT EVIDENCE see Evidence, Expert

EXPLORERS

"Famous Russian geographers, travelers, and navigators." O. T. Dibrova, ed. Reviewed by A. F. Levitskii. Geog. v shkole 19 no. 4:75-76 Jl-Ag '56.

EXPLOSIONS

Concentration limits for the propagation of flame in mixtures: hydrogen -- nitrogen oxides. E. A. Blumberg, A. N. Pomanskii, N. M. Emanuel'. Izv. AN SSSR. Otd. khim. nauk no. 7:764-770 Jl '56.

A problem on strong point explosion in a gas when the temperature gradient is zero. V. P. Korobeinikov. Dokl. AN SSSR 109 no. 2:271-274 Jl '56.

EXTRACTION (CHEMISTRY)

Study of the extraction of certain chelate compounds by means of radioactive indicators. I. M. Korenman, F. R. Shetanova. Zhur. neorg. khim. 1 no. 4:852-862 Ap '56.

EXTRUSION (METALS)

[Production of steel parts by means of cold extrusion] Proizvodstvo stal'nykh detalei kholodnym vydavlivaniem. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 110 p. (Iz opyta novatorov stran narodnoi demokratii)

EYE

Evolution of the eye. G. K. Gurtovoi. Nauka i zhizn' 23 no. 9:32-33 S '56.

Role of the nervous system in the regulation of intraocular pressure. S. M. Mints. Usp. sovr. biol. 42 no. 1:51-61 Jl-Ag '56.

EYE—ACCOMMODATION AND REFRACTION

Tonic spasm of accomodation. IU. Z. Rozenblium. Trudy AN Tadzh. SSR 40:163-167 '55.

EYE—BLOOD VESSELS

Effect of ionizing radiation on the permeability and barrier functions of ocular vessels. N. I. Arlashchenko. Med. rad. 1 no. 3:29-35 My-Je '56.

EYE—CANCER

Case of malignant melanoma of the vascular membrane combined with heterochromia. IU. Z. Rozenblium, B. M. Vovsi. Trudy AN Tadzh. SSR 40:177-178 '55.

EYE—CARE AND HYGIENE

Some problems in the prevention of epidemic conjunctivitis. E. S. Avetisov. Trudy AN Tadzh. SSR 40:128-135 '55.

EYE—DISEASES AND DEFECTS

(see also subdivision under Tajikistan)

Affection of the eyes in quinine poisoning. IU. Z. Rozenblium. Trudy AN Tadzh. SSR 40:153-157 '55.

Cases of favorable outcome of endophtalmitis treated with antibiotics. M. D. Bunkina. Trudy AN Tadzh. SSR 40:173-174 '55.

Early ophtalmological picture of the fundus oculi in gunshot wounds of the skull. S. K. Karanov. Trudy AN Tadzh. SSR 40:71-74 '55.

Eliminating the pain syndrome in irridocyclitis and glaucoma by hypnotic suggestion. A. S. Vaishlat. Trudy AN Tadzh. SSR 40:169-171 '55.

Some results and prospects in electroretinographic research. B. N. Melik-Mus'lian, G. G. Demirchoglian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki. 9 no. 8:3-12 Ag '56.

EYE—FOREIGN BODIES

A portable headrest for X-ray location of foreign bodies in the eye. A. I. Gorban'. Vest. rent. i rad. 31 no. 4: 65-70 Jl-Ag '56.

EYE—INFLAMMATION

Treating sympathetic ophtalmia by antibiotics. E. I. Demina. Trudy AN Tadzh. SSR 40:115-117 '55.

EYE—RADIOGRAPHY

X rays for measuring the length of the eyeball in living people. L. F. Paradoksov. Trudy AN Tadzh. SSR 40:7-53 '55.

EYE—SURGERY

Surgical treatment of pterygium by Prof. S. S. Golovin's method. A. N. Medvedev. Trudy AN Tadzh. SSR 40: 125-127 '55.

EYE—WOUNDS AND INJURIES

Case of lacerated scalped wound of the head with rupture of the cutaneous and muscular layers of the lower lid of the right eye. B. M. Vovsi. Trudy AN Tadzh. SSR 40:175-176 '55.

Prevention of radiation injuries to the eyes in radiotherapy. A. I. Morozov, A. Z. Nagrodskaia. Vest. rent. i rad. 31 no. 4:48-51 Jl-Ag '56.

Some problems in treating penetrating wounds of the eyes. N. I. Medvedev, A. IU. IUsupov. Trudy AN Tadzh. SSR 40:75-81 '55.

EYELIDS—SURGERY

Treating eversion of the eyelid edge and irregular growth of the eyelashes. V. B. Geft. Trudy AN Tadzh. SSR 40:83-86 '55.

Treating trachomatous ectropion by reversing the palpebral cartilage. A. IU. IUsupov. Trudy AN Tadzh. SSR 40:89-94 '55.

EYES, ARTIFICIAL

Artificial eye expert. V. Konstantinov. Sots. obesp. 17 no. 5/6:73 My-Je '56.

FM, RADIO see Radio frequency modulation

FABLES

Krylov, I. A. [Fables] Basni. Izd. podgotovil A. P. Mogilianskii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 635 p. (Literaturnye pamiatniki)

FACE—TUMORS

Diagnosis of tumors of the jaw and face. V. K. Patrikeev. Fel'd. i akush. 21 no. 7:20-26 Jl '56.

Prevention of radiation injuries to the eyes in radiotherapy. A. I. Morozov, A. Z. Nagrodskaia. Vest. rent. i rad. 31 no. 4:48-51 Jl-Ag '56.

FACTORIES—DESIGN AND CONSTRUCTION

Developing standard designs for shells of factories. B. Chkonia, M. Breshch. Arkhit. SSSR no. 9:29-33 '56.

FACTORIES—HEATING AND VENTILATION

Rysin, S. A. [Equipment for ventilation of machine building plants; a handbook] Ventilatsionnye ustanovki mashinostroitel'nykh zavodov; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 575 p.

"Ventilation of woodpulp and paper factories." N. A. Gaiochkin. Reviewed by B. I. Platachkov. Bum. prom. 31 no. 8:31-32 Ag '56.

FACTORY AND TRADE WASTE

Decontamination of waste fluids and gases by catalytic removal of hypochlorite and chlorine. S. Z. Makarov, S. S. Shraibman. Khim. prom. no. 4:202-208 Je '56.

FACTORY INSPECTION—HISTORY

Establishment of factory inspection in Russia. A. F. Vovchik. Nauk. zap. L'viv. un. 27:115-128 '54.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956

Zelinskii, K. [A. A. Fadeev; a critical and biographical sketch] A. A. Fadeev; kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1956. 236 p.

FAIRS see subdivision under Leipzig; Milan; Salonika

FALL see Autumn

FALLOWING

Growing corn on green manure fallows. N. N. Mush. Kukuruza i no. 2:58-59 My '56.

FAMILY—TERMINOLOGY

Program to collect the names of relationships by blood and marriage in the Ukrainian dialects. A. A. Buriachok. Dial. biul. no. 5:84-99 '55.

FANS, MECHANICAL

Efficiency of TSAGI type exhaust fans under actual operating conditions. A. P. Kuptsov. Elek. sta. 27 no. 7:4-12 Jl '56.

Ways to improve the fans used in main ventilation systems. I. A. Raskin. Gor. zhur. no. 9:47-49 S '56.

FANS, MECHANICAL—BLADES

Calculating the strength of wheel blades in cnetrifugal ventilator. G. A. Raer. Energomashinostroenie no. 9: 6-11 S '56.

FAR EAST—WEEVILS

Three new species of blossom weevils of the genus Anthonomus Germ. (Curculionidae, Coleoptera). M. E. Ter-Minasian. Dokl. AN Arm. SSR 9 no. 2:87-89 '48.

FAR EAST, SOVIET see Soviet Far East

FARADAY, MICHAEL, 1791-1867

The 125th anniversary of Faraday's law of electromagnetic induction. L. R. Neiman, G. R. Rakhimov, A. A. IAnko-Trinitskii. Elektrichestvo no. 8:80-82 Ag '56.

FARKHAD RESERVOIR—BREAM

The Aral bream from Farkhad Reservoir. V. A. Maksunov. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:173-178 '55.

FARKHAD RESERVOIR—CARP

Carp of the Farkhad Reservoir. V. A. Maksunov. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:125-137 '56.

FARM ANIMALS see Domestic animals; Stock and stockbreeding

FARM BUILDINGS

(see also subdivision under Germany, East; Maksimil'yanovka; Ukraine)

Brief survey of literature on threshing floor-lighting. M. M. Budarin. Svetotekhnika 2 no. 4:32 Jl '56.

Collective farm fruit storehouse having a 50-ton capacity. N. N. Koz'iakov. Sad i og. no. 6:60-61 Ag '56.

Good buildings for stock farms. M. I. Matlichuk. Sots. tvar. 28 no. 10:50-51 O '56.

Let's pool construction experience on collective farms. A. Baryshev. Sel'. stroi. 11 no. 8:5-6 Ag '56.

Practice in using new construction methods and materials in rural construction. N. Svieshnikov. Arkhit. i bud. 4 no. 4:4-5 Jl-Ag '56.

Simplest corn cribs. V. Cherkashin, A. Maifet. Sel'. stroi. 11 no. 8:7-8 Ag '56.

Unsatisfactory standard designs for field camps ("Field camps; standard design no. 170." Reviewed by I. Myhal). Arkhit. i bud. 4 no. 2:27 Mr-Ap '56.

Using gypsum and slag concrete in erecting livestock buildings. N. Kharchenko. Sel'. stroi. 11 no. 8:8 Ag '56.

FARM BUILDINGS—EXHIBITIONS see subdivision under Moscow

FARM CROPS see Field crops

FARM EQUIPMENT

Feed-processing machines for collective and state livestock farms. S. N. Pavlov. Sel'khozmashina no. 8:3-7 Ag '56.

Hand silage hoist. S. G. Luchkevich. Zhivotnovodstvo no. 8:79-80 Ag '56.

Movable automatic stock waterer. M. Kompaneets. MTS 16 no. 9:30 S '56.

Separating stones from root crops at the time of washing. B. I. Zhivotko. Sel'khozmashina no. 8:23 Ag '56.

FARM IMPLEMENTS see Agricultural implements

FARM LABORERS see Agricultural laborers

FARM MACHINERY see Agricultural machinery

FARM MANAGEMENT

Productivity of labor and distribution of the branches of production. B. L. Blomkvist. Nauka i pered. op. v Sel'khoz. no. 8:40-43 Ag '56.

FARM MECHANIZATION

(see also subdivision under Zhitomir Province)

Beneficial help. I. Gorshkov. Prof.-tekh. obr. 13 no. 9: 4 S '56.

Book for collective farm zootechnicians ("Mechanization of work in livestock sections." A. IE. Miand, A. A. IAvors'kyi. Reviewed by I. T. Os'mak). Sots. tvar. 28 no. 9:63-64 S '56.

In the feverish days of the harvest. K. Panferov. Prof.-tekh. obr. 13 no. 9:3-4 S '56.

Make wide use of over-all mechanization in animal husbandry. Sovkhoz. proizv. no. 9:3-6 S '56.

New windmills for the mechanization of heavy farm work. A. Karmishin. Moloch. i miasn. zhiv. no. 3:58-60 My '56.

Sacred duty of farm mechanizers. Prof.-tekh. obr. 13 no. 8:1-2 Ag '56.

Veterinarians must have a knowledge of technology. P. Volikov, I. Zhitanov. Veterinariia 33 no. 9:18-20 S '56.

FARM MECHANIZATION—STUDY AND TEACHING

(see also subdivision under Crimea; Krasnodar Territory; Suma Province)

Gratifying results. V. Shepitalin. Prof.-tekh. obr. 13 no. 9:4 S '56.

Mechanizers at study. Prof.-tekh. obr. 13 no. 8:6-7 Ag '56.

FARM MECHANIZATION—STUDY AND TEACHING (Continued)
Organize the repair of equipment in better fashion. I. Sakovskii. Prof.-tekh. obr. 13 no. 8:9 Ag '56.
Study of the economic factors. I. Khalabudenko. Prof.-tekh. obr. 13 no. 8:4-5 Ag '56.
They increase their knowledge in this way. F. Kaganer. Prof.-tekh. obr. 13 no. 9:28 S '56.
Training machine-tractor-station mechanics in a second specialty. A. Isaev. Prof.-tekh. obr. 13 no. 8:31 Ag '56.

FARM PRODUCE—ACCOUNTING
Tasks of accounting workers of state procurement organizations. Bukhg. uchet 15 no. 8:1-4 Ag '56.

FARM PRODUCE—COSTS
Calculating the cost of production. M. IU. TSynkov. Nauka i pered. op. v sel'khoz. no. 8:36-39 Ag '56.
Reduce nonproductive expenditures. V. I. Kharchenko, V. IA. Suvorov. Nauka i pered. op. v sel'khoz. no. 8:31 Ag '56.

FARM PRODUCE—MARKETING
(see also subdivision under Leningrad Province)
Agricultural contracts for vegetables. A. P. Larionov. Sad i og. no. 8:7-9 Ag '56.
It's easier to produce crops than to market them. A. A. Kuz'min. Sad i og. no. 8:10-13 Ag '56.

FARM PRODUCE—STORAGE
Controlling diseases and pests of stored produce. P. D. Rumiantsev. Zashch. rast. ot vred. i bol. 1 no. 3:7-9 Jl-Ag '56.

FARM PRODUCE—TRANSPORTATION
(see also subdivision under Kulunda)
How a collective farm can obtain cars for the transportation of loads by rail. E. Nivinskii. Kolkh. proizv. 16 no. 9:47 S '56.

FARMING see Agriculture

FASCISM see subdivision under Germany, West

FASHION
(see also subdivision under Warsaw)
Fashions. Krest'ianka 35 no. 10:31 O '56.
Fashions. Rabotnitsa 34 no. 9:3 of cover S '56.
Fashions. Sov. zhen. 12 no. 9:42-44 S '56.
For the fall season. Sov. Souiz no. 9:32 S '56.
Obshchesoiuznyi dom modeleĭ. [The season's fashions; spring and summer of 1956] Novoe v sezone; vesna-leto 1956 g. [Leningrad] Gizlegprom, 1956. 23 p.
Page for girls. Mol. mira no. 8:16 '56.
Styles. Krest'ianka 35 no. 9:31 S '56.

FASTOV—STONE AGE
Late paleolithic site at Fastov; preliminary information. I. G. Shovkoplias. Krat. soob. IIMK no. 65:66-83 '56.

FASTS AND FEASTS see subdivision under Novgorod

FAT METABOLISM
Effects of a pituitary preparation on some aspects of fat metabolism. S. M. Loites, A. A. Molchanova, T. S. IAkusheva. Probl. endok. i gorm. 2 no. 3:49-53 My-Je '56.

FAT TISSUE see Adipose tissues

FATIGUE OF METALS see Metals—Fatigue

FATS see Oils and fats

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Zhiguli Mountains

FAUNA see Zoology

FAYALITE
Experiments on biotite-water and fayalite-water systems and some observations concerning the role of hydrogen in granite magma. I. A. Ostrovskii. Dokl. AN SSSR 108 no. 6:1164-1166 Je '56.

FECES
Preservation of feces in the test for dysentery. A. D. Bolarskaia. Lab. delo 2 no. 2:26-27 Mr-Ap '56.

FEDERATION OF EUROPE see European federation

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-
Problems of art and revolution in K. Fedin's novels "First joys" and "Unusual summer." TS. Z. Karasik. Nauk. zap. L'viv. un. 24:32-69 '53.

FEDOTOV, PAVEL ANDREEVICH, 1815-1852
Champion of truth. E. Zhidkova. Mol. kolkh. 23 no. 8:25 Ag '56.

FEED GRINDERS
The DKU-M universal feed grinder. A. A. IAvorskyi. Sots. Iver. 28 no. 10:52-53 O '56.

FEED WATER
Calculated standards of quality for boiler water and steam. Teploenergetika 3 no. 6:59-62 Ag '56.
Rapid determination of nitrates in boiler water. R. L. Babkin, K. P. Epefkins. Energetik 4 no. 8:13-14 Ag '56.
Thermochemical tests with desalted water as feed for once-through boilers having supercritical parameters. N. V. Bulgakova, Z. V. Deeva, A. M. Prokhorova. Teploenergetika 3 no. 8:17-18 Ag '56.
Using recarbonization in the working cycle. D. E. Krasnozhen, A. A. Strel'nikova. Elek. sta. 27 no. 8:48-50 Ag '56.
Utilization of condensate from engines and boilers in plants under the Ministry of Electric boilers in plants under the Ministry of Electric Power Stations. V. I. Zhukovskaia. Prom.-energ. 11 no. 7:35 Jl '56.

FEED-WATER PURIFICATION
Automatic device for reducing the oxygen content in the feed water of main boilers. G. G. Voskresenskii. Sudostroenie 22 no. 8:11-12 Ag '56.
Suggestions of efficiency promoters. P. Makharina. Moloch. prom. 17 no. 6:41 '56.
Vol'skii, A. K. [Methods of water purification for sea-going vessels] Metody vodopodgotovki na morskikh sudakh. Moskva, Izd-vo "Morskoi transport," 1956. 59 p.

FEED-WATER REGULATION
Water level regulator in condensers and other vessels. L. P. Konovalov. Energetik 4 no. 8:11-12 S '56.

FEEDING AND FEEDING STUFFS
(see also subdivision under Polesye; Ukraine)
At the Khmel'nitskiy stock-fattening yard. M. Blazhuk. Moloch. i miaa. zhiv. no. 3:24-25 My '56.
Breeding for higher protein content. A. M. Konstantinova. Nauka i pered. op. v sel'khoz. no. 9:4-6 S '56.
Economic evaluation of forage crops. S. Kutikov. Sots. sel'khoz. 27 no. 6:25-26 '56.
Efficient methods for feeding livestock and poultry. V. Ermakova. Kolkh. proizv. 16 no. 9:44-45 S '56.
Feed plant of our collective farm. M. M. Tomash. Sots. tvar. 28 no. 9:47-48 S '56.
Feed-processing machines for collective and state livestock farms. S. N. Pavlov. Sel'khozmashina no. 8:3-7 Ag '56.
For more livestock products and the problem of protein. Nauka i pered. op. v sel'khoz. no. 8:2-3 S '56.
For over-all development of fattening operations. E. Ter-Sarkisiants. Miaa. ind. SSSR 27 no. 4:34-36 '56.
Improve the quality of feeding stuffs. P. E. Kozhin. Veterinariia 33 no. 10:16-18 O '56.
Increasing the nutritive value of straw and concentrated feeds by chemical and biological treatment and its effect on the productivity of farm animals. G. P. Zakharian. Dokl. AN Arm. SSR 11 no. 2:73-80 '49.
Increasing the protein content in green feeds. I. A. Dranenko. Nauka i pered. op. v sel'khoz. no. 9:19-20 S '56.
Using corn for fattening cattle. L. Tomme, E. Panova, P. Kotov. Miaa. ind. SSSR 27 no. 4:40-41 '56.
Utilization of phosphatide concentrate in stock raising. V. M. Kulikov. Mast.-zhir. prom. 22 no. 6:1-2 '56.
Veterinary workers should pay more attention to the problem of feeding animals. F. M. Spiridonov. Veterinariia 33 no. 10:11-13 O '56.
We are fulfilling the cattle fattening plan. M. Makeev, I. Zertsekel. Miaa. ind. SSSR 27 no. 4:37-39 '56.

FELDSPAR
Reasons for the dominant role of the second pinacoid in plagioclase twins. L. A. Vardaniants. Dokl. AN SSR 16 no. 2:45-48 '53.

FELON (DISEASE)
Treatment of paronychia. S. E. Tkachev. Fel'd. i akush. 21 no. 7:16-19 Jl '56.

FELT
Modernized fulling mill in the fulling industry. Sh. Khatrov. Prom. koop. no. 9:14 S '56.

FENCING
(see also subdivision under Rome)
"Three musketeers." N. T. Fizk. i sport 26 no. 9:27 '56.
Two careers. L. Fiiatov. Smena 33 no. 15:15 Ag '56.

FERGANA—COTTON GROWING
Platonov, V. I. [Methods for the complex development of state cotton farms in the Fergana Valley] Puti kompleksnogo razvitiia khlopkovykh sovkhozov Ferganskoi doliny. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR, 1956. 163 p.
(DA)

FERGANA—IRRIGATION
Historical questions concerning the irrigation of ancient Fergana. B. A. Latynin. Krat. soob. IIMK no. 64:15-26 '56.

FERGANA—PETROLEUM INDUSTRY
According to the five-year plan. V. Ponomarev. Sots. Uz. 15 no. 7:7 Jl '56.

FERGANA—SPORTS
Sportsmen of a factory. A. Nikolaev. Sots. Uz. 15 no. 7:8 Jl '56.

FERMENTATION
The capacity of the producers of anaerobic retting of flax, Clostridium felsineum and Plectridium pectinovorum, to fermentate pectin in the presence of various nitrogen compounds. V. A. Alekseev. Mikrobiologiia 25 no. 3:327-330 My-Je '56.
Direct observation of soil microflora for the prevention of the oxidation of beer in the acetone-butyl industry. M. N. Chernobyl'ska. Nauk. zap. Kiev. un. 8 no. 3:33-39 '40.
Effect of high and low temperature on the fermentation capacity of some species of yeast. D. F. Protsenko. Nauk. zap. Kiev. un. 7 no. 6:115-130 '40.
The effect of sodium fluoride on the formation of pyrophosphates by yeasts during fermentation [with English summary in insert]. A. M. Malkov, L. A. Bogdanova. Mikrobiologiia 25 no. 4:406-414 Jl-Ag '56.
Nonfermentability of melanoidins. A. G. Zabrodskii, V. A. Vitkovskaia. Mikrobiologiia 25 no. 3:316-326 My-Je '56.
Synergism as a factor stimulating the activity of microorganisms used in fermentation industries [with English summary in insert]. O. M. Sillshchenskaia. Mikrobiologiia 25 no. 4:471-475 Jl-Ag '56.
Using a thermophilic yeast race in the fermentation of starchy mashes. R. V. Fenikseva, L. G. Loginova, A. A. Shilova. Mikrobiologiia 25 no. 3:310-317 My-Je '56.

FERMENTS see Enzymes

FERNS see subdivision under Yelets District

FERRATES (III)
X-ray study of systems: $ZnFe_2O_4$ — $CoFe_2O_4$ and $ZnFe_2O_4$ — $CdFe_2O_4$. V. P. Chalyi, S. P. Rozhenko. Dokl. AN SSSR 108 no. 5:875-877 Je '56.

FERRIES see subdivision under Caspian Sea

FERROCYANIDES
Ferrocyanide solubility series. I. V. Tananaev, M. A. Glushkova, G. B. Seifer. Zhur. neorg. khim. 1 no. 1:66-68 [Jan.] '56.
Yttrium and cerium ferrocyanides. I. V. Tananaev, G. B. Seifer. Zhur. neorg. khim. 1 no. 1:53-63 [Jan.] '56.

FERROELECTRIC SUBSTANCES
Measuring the parameters of ferrites for ultra high frequencies. V. V. Nikol'skii. Radiotekh. i electron. 1 no. 4:447-466 Ap '56.
Seignettoelectric phase transitions in solid solutions of the perovskite type which form in certain binary systems. G. A. Smolenskii. Zhur. neorg. khim. 1 no. 6:1402-1412 Je '56.

FERROMAGNETISM
Determining the magnetic permeability of substances in ferromagnetic resonance fields. A. I. Pil'shchikov. Vest. Mosk. un. 11 no. 5:49-54 My '56.
Investigation of ferromagnetic suspensions used in electromagnetic couplings with ferromagnetic filler. M. A. Tomashevskii. Trudy MAI no. 57:21-30 '56.
A method of calculating statistical functions for ferromagnets with allowance for restrictions on the spin-wave occupation numbers. V. V. Tolmachev, S. V. Tiablikov. Dokl. AN SSSR 108 no. 6:1029-1031 Je '56.

FERSMAN, ALEKSANDR EVGEN'EVICH, 1883-1945
New books ("Summer days," Vl. Kolov; "Aleksandr Evgen'evich Fersman," O. Pisarzhevskii. Reviewed by Vl. Liubovtsev, B. Rosen). Smena 33 no. 11:20-21 Je '56.

FERTILIZATION OF PLANTS
Artificial supplementary pollination of sugar beet (transplants. K. N. Khuchua. Agrobiologiia no. 4:137 Jl-Ag '56.
Bees, their relations to flowering plants, and the problem of alfalfa pollination [with summary in English]. V. V. Popov. Ent. oboz. 35 no. 3:582-598 '56.
Biology of buckwheat pollination and fertilization. Z. P. Pausheva. Agrobiologiia no. 4:62-69 Jl-Ag '56.
Biology of the flowering of some birches. G. D. Frolova. Bot. zhur. 41 no. 6:885-889 Je '56.
Dynamic effect of the carotinoid content in fertile and sterile anthers of some plant species. G. B. Samorodova-Bianki. Dokl. AN SSSR 109 no. 4:873-875 Ag '56.
Effect of different methods of fertilization on the percentage of set seed and the viability of hybrid progeny of winter rye. K. P. Garina. Izv. AN SSSR. Ser. biol. no. 4:58-68 Jl-Ag '56.
Effect of the pinching back of shoots and the additional pollination of grapes. G. S. Morozova. Sad. vin. Mold. 11 no. 4:11-12 Jl-Ag '56.
Individual characteristics in the behavior of bees and controlling bees during the pollination of plants in summer. A. F. Gubin, E. A. Pankratova. Pchelovodstvo 33 no. 9:39-43 S '56.
Influence of secondary pollination on the progeny of beet. N. E. Zaikovskaia. Dokl. AN SSSR 109 no. 3:627-629 Jl '56.

FERTILIZATION OF PLANTS (Continued)
Pollination selectivity of cherries. I. N. Riabov, A. N. Riabova. Sad. vin. Mold. 11 no. 4:22-25 Jl-Ag '56.
Role of maternal pollen in intervarietal pollination of apple trees. IA. S. Nesterov. Agrobiologiia no. 4:132-135 Jl-Ag '56.
Selectivity of fertilization in plants depending on the developmental stage of the flower. S. M. Kolesnikov. Uch. zap. Kish. un. 13:175-182 '54.
Setting of cherries following pollinating with pollen of varieties with good fertilization capacities. A. N. Riabova. Dokl. Akad. sel'khoz. 21 no. 9:29-31 '56.
Vsesoiznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I.Lenina. [The pollination of agricultural plants] Opylenie sel'skokhoziaistvennykh rastenii. Pod obshchei red. I.V.Krishchunasa i A.F.Gubina. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 230 p. DA
Work of pollinators on alfalfa. E. K. Grinfel'd. Vest. Len. un. 11 no. 15:66-72 '56.

FERTILIZER INDUSTRY see subdivision under Hungnam; Korea; United States

FERTILIZER SPREADERS
Mechanized spreading of shale ash. V. Kosar. Ud. i ur. 1 no. 7:55-57 Jl '56.
Simple pull-type fertilizer and lime spreaders. S. A. Kniaz'kov. Ud. i ur. 1 no. 7:51-54 Jl '56.

FERTILIZERS AND MANURES
(see also subdivision under Kotovsk District; Russia, Southern; Ukraine; United States)
All-Union Agricultural Exhibition is a school of advanced practices. S. M. Suslov. Ud. i ur. 1 no. 7:3-5 Jl '56.
Apply more fertilizer to winter grain crops. Ud. i ur. 1 no. 8:3-6 Ag '56.
Applying liquid fertilizer to corn and other crops. A. M. Pospelov. Ud. i ur. 1 no. 7:46-50 Jl '56.
Applying organic and mineral fertilizer mixtures to corn. I. M. Ognev. Dokl. Akad. sel'khoz. 21 no. 7:25-29 '56.
The best time for fertilizing apple orchards. G. K. Vaskan. Sad. vin. Mold. 11 no. 4:21 Jl-Ag '56.
Effect of fertilizers on the increase in yield and dry matter content of tomatoes in the Armenian Lowland. A. A. Ananian, A. G. Eglazarian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki. 9 no. 8:91-99 Ag '56.
Effect of fertilizers on the Samsun 27 tobacco variety in Ashtarak District of the Armenian S. S. R. [in Armenian with summary in Russian]. M. A. Giul'khasian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 9 no. 8:79-90 Ag '56.
Effect of fertilizing on the growth and fruiting of raspberries. L. T. Pekhoto. Sad i og. no. 9:56-58 S '56.
Effect of fossil organic matter of petroleum origin on the growth and development of tree seedlings. B. Z. Guseinov. Dokl. AN Azerb. SSR 12 no. 7:519-523 '56.
Effect of mineral fertilizers on yields of winter wheat in fields under saturation irrigation. N. V. Popov. Ud. i ur. 1 no. 7:20-23 Jl '56.
Effect of mineral nutrition on the yield and sugar content of sugar beets grown by irrigation and dry farming in Issyk Kul Province. S. G. Enikeev, N. N. Botaleva. Trudy Biol. inst. KirFAN SSSR no. 4:59-65 '61.
Effect of nitrogen and phosphate application before planting on the ripening period of cotton. V. F. Shcheglova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:101-104 '55.
Effect of organomineral fertilizers on soil microbiology. P. A. Vlasiuk, K. M. Dobrotvorskaia, R. N. Oleinik. Mikrobiologiia 25 no. 3:293-298 My-Je '56.
Effect of organomineral granules on cabbage yields in northern districts. E. M. TSvetaeva. Dokl. Akad. sel'khoz. 21 no. 8:24-27 '56.
Effect of peat and peat-manure mixtures on the yield of agricultural crops. F. E. Gribanov. Zemledelie 4 no. 9:114-117 S '56.
Effect of spot placement of bacterial fertilizers on the increase in productivity of agricultural crops. A. G. Gebgardt. Dop. ta pov. L'viv. un. no. 5, pt. 2:3-4 '55.
Effective method of using organic fertilizers. I. G. Moiseev. Ud. i ur. 1 no. 7:8-9 Jl '56.
Effectiveness of fertilizers when applied to cotton on saline soils. N. P. Malinkin. Ud. i ur. 1 no. 8:31-34 Ag '56.
Effectiveness of shallow placement of organomineral mixtures in winter wheat fields. A. T. Ponomareva, Z. V. Sushchikh. Agrobiologiia no. 4:84-88 Jl-Ag '56.
Efficacy of enriched granules of fertilizers. IU. G. Merezhinskii. Nauk. zap. Kiev. un. 12 no. 7:63-69 '53.
Experience of the "Malak Kommunizma" Collective Farm in using fertilizers. A. S. Lazerko, N. G. Obidin. Ud. i ur. 1 no. 8:50-52 Ag '56.
Experiments of the Gorkiy Agricultural Experiment Station. I. Kodanev, M. Zotova. Ud. i ur. 1 no. 8:56-57 Ag '56.
Fertilizers developing soil structure. P. V. Vershinin. Ud. i ur. 1 no. 8:7-12 Ag '56.
Fertilizing grain crops on eroded soils. V. P. Kozlov. Ud. i ur. 1 no. 8:55 Ag '56.
Fertilizing strawberries. K. A. Levitskaia. Sad i og. no. 8:52-54 Ag '56.
Glasses and frits used to fertilize soil with trace elements. IU. A. Zhdanov, K. P. Azarov, V. E. Gorbatenko. Dokl. AN SSSR 108 no. 6:1129-1131 Je '56.
How fertilizers affect corn yields. Kukuruza 1 no. 2:62 My '56.
Increasing the effect of fertilizers when applying certain rhizosphere bacteries. G. S. Nalivaiko, I. N. Romeiko. Dokl. Akad. sel'khoz. 21 no. 9:43-47 '56.
Methane fermentation in manure. I. F. Romashkevich. Ud. i ur. 1 no. 8:62-64 Ag '56.
Methods for the effective use of potassium fertilizers along with organic fertilizers. V. U. Pchelkin. Ud. i ur. 1 no. 7:40-45 Jl '56.
New types of fertilizers. IU. A. Zhdanov. Priroda 45 no. 9:86-87 S '56.
Organomineral mixtures for flax. I. M. Ognev. Agrobiologiia no. 4:111-114 Jl-Ag '56.
Popov, P. V., and N. I. Trushkina. [Guide to chemical poisons and mineral fertilizers] Opredelitel' iadokhimikatov i mineral'nykh udobrenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1955. 119 p. (DA)
Preharvest foliar feeding of grapes. M. P. Dobrovol'skii. Sad. vin. Mold. 11 no. 4:15-16 Jl-Ag '56.
Preharvest foliar feeding of grapevines. M. P. Dobrovol'skii. Sad i og. no. 9:89 S '56.
Pump for liquid manure. A. A. IAvors'kyi. Sots. tvar. 28 no. 10:52 O '56.
Responsiveness of tree and shrub seedlings to fertilizers in forest nurseries of Alma-Ata Province. M. K. Lysenko. Trudy Inst. bot. AN Kazakh. SSR 3:193-202 '56.
Role of fertilizers in obtaining high yields of tobacco and other crops on sierozems of Central Asia. M. M. Vitovetskii. Ud. i ur. 1 no. 8:35-39 Ag '56.
Some problems of the foliar nutrition of plants. V. V. Pinevich. Vest. Len. un. 11 no. 15:96-106 '56.
Special problems in fertilizing corn on heavy podzolized soils. A. I. Tiutiunnikov. Ud. i ur. 1 no. 8:40-42 Ag '56.
Use of oxin in the volumetric method for determining phosphorus in mineral fertilizers. V. M. Litvinchuk, IA. P. Berkman. Nauch. zap. LPI no. 29:81-93 '55.
A useful book ("Fertilizing vineyards in the Ukraine" by V. Korneichuk and E. Plakida. Book review). Sad. vin. Mold. 11 no. 4:3 of cover Jl-Ag '56.
Using peat in organomineral fertilizer mixtures. N. M. Vishniakova, R. A. Zhukova. Kukuruza 1 no. 2:59-60 My '56.
Variability of branched wheat under the effect of chemical fertilizers. G. S. Davtian, I. R. IUzbashian. Dokl. AN Arm. SSR 11 no. 3:105-110 '53.
Ways of efficient fertilizer utilization for buckwheat. A. I. Chernetskii. Ud. i ur. 1 no. 8:56-58 Ag '56.
Winning peat for fertilizer in summer. I. Kh. Toregulov. Len. i konop. no. 4:27-29 Je '56.

FERTILIZERS AND MANURES—BIBLIOGRAPHY see Bibliography—Fertilizers and manures

FERTILIZERS AND MANURES—CONGRESSES
The All-Union Conference on Bacterial Fertilizers. O. I. Bershova. Mikrobiologiia 25 no. 4:517-520 Jl-Ag '56.

FERULA
Investigation of root resin in Ferula gumosa Boiss. G. V. Pigulevskii, T. N. Naugol'naia. Dokl. AN SSSR 108 no. 5:853-855 Je '56.

FETICIDE see Abortion

FETUS
Some data on the mechanism of injuries of the fetus in X-ray irradiation of pregnant animals. N. A. Kalinina. Med. rad. 1 no. 3:92-97 My-Je '56.

FEUDAL LAW
The legal nature of feudal land ownership. L. I. Dembo. Uch. zap. Len. un. no. 106:371-391 '48.

FEVER
Problem of hyperthermia in hypertension. A. A. Trishina. Klin. med. 34 no. 5:78-80 My '56.
Thermographic observations in fever. B. K. Miakishev. Klin. med. 34 no. 6:69-73 Je '56.

FIALKOV, IAKOV ANATOL'EVICH, 1895-
IAkov Anatol'evich Fialkov; on the sixtieth anniversary of his birth. I. A. Sheka. Zhur. neorg. khim. 1 no. 3:353-356 Mr '56.

FIBERS
Effect of certain cultivation factors on the quality of cotton fibers. M. K. Aleksandrov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:95-103 '56.
Novosel'skii, N.L., V.M.Kunin, and LIA.Drozdov. [Building slabs made of organic fibers] Stroitel'nye plity iz organicheskogo volokna. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 328 p.
Subsoiling for bast plants. N. A. Krasheninnikov. Zemledelie 4 no. 9:59-62 S '56.

FICTION—HISTORY AND CRITICISM
"Seven centuries of the novel" [in French]. Pierre Daix. Reviewed by N. Milovidova. Inostr. lit. no. 8:258-259 Ag '56.

FIELD CROPS
(see also subdivision under Soviet Central Asia)
Calculating the cost of production in agriculture on state farms. D. G. Vasil'ev. Sovkhoz. proizv. no. 9:19-24 S '56.
Dolgopolov, M.I. [Principles of crop cultivation; manual for students in class 8 of the rural secondary school] Osnovy agrotekhniki; uchebnoe posobie dlia uchashchikhsia VIII klassa sel'skoi srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR.
Pt. 1. [General agriculture] Obshchee zemledelie. 1956. 190 p.
Effect of thiocarbamide on the fruiting and root system of field crops. S. IA. Zolotnitskaia, A. A. Avakian. Dokl. AN Arm. SSR 9 no. 1:39-44 '48.
Importance of annual forage crops in scientific farming. M. P. Elsukov. Zemledelie 4 no. 9:7-13 S '56.
Methods of planning with regard to productivity. V. Ishchenko. Sots. sel'khoz. 27 no. 6:33-35 '56.
Unfallowed land gives much additional production. Kolkh. proizv. 16 no. 8:18 Ag '56.

FIELD HANDBALL
(see also subdivision under Ukraine)
Play handball! Kul't.-pros. rab. 17 no. 9:62-64 S '56.

FIELD MICE
(see also subdivision under Carpathian Mountain region; Georgia; Moldavia; Moscow Province)
Effect of air under the snow cover on the arrangement of vole winter burrows. N. V. Bashenina. Zool. zhur. 35 no. 6:940-942 Je '56.

FIELD MICE—DISEASES
Serological type of Leptospira isolated from Microtus fortis pelliceus. N. N. Kraminskaia. Zhur. mikrobiol. epid. i immun. 27 no. 9:54-57 S '56.

FIELD THEORY
On a certain model in the quantum field theory. V. G. Solov'ev. Dokl. AN SSSR 106 no. 6:1041-1044 Je '56.
Possible interpretation of perturbation series in quantum field theory. V. I. Ogievetskii. Dokl. AN SSSR 100 no. 5:919-922 Ag '56.
Spectral representation and the renormalization group. A. A. Loginov. Dokl. AN SSSR 109 no. 4:740-742 Ag '56.
Strong-coupling nucleomesodynamics. Part 3. Translational motion, meson field mass, and the nuclear magnetic moment. I. M. Dykman, S. I. Pekar. Zhur. eksp. i teor. fiz. 30 no. 6:1125-1141 Je '56.

FIELDS, ALGEBRAIC
Letter to the editor. A. I. Lapin. Izv. AN SSSR. Ser. mat. 1 no. 4:503-504 Jl-Ag '56.
More on analogues of the ergodic theorems for the imaginary quadratic field. IU. V. Linnik. Dokl. AN SSSR 109 no. 4:694-696 Ag '56.

FIFTH COLUMN see Subversive activities

FIGHTING see Fencing; Night fighting (Military science)

FILIPPO, EDUARDO DE, 1900-
"A lie with long legs" by Eduardo de Filippo. Teatr 17 no. 8:119-120 Ag '56.

FILMS see Photography—Films

FILMS (CHEMISTRY)
Infrared spectra of transparent cellulose films obtained by compressing fibers at high pressures. R. H. Zhbankov, I. N. Ermolenko. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:15-24 '56.
Stable form of free surface in a thin layer of heated liquid. R. A. Alimov. Dokl. AN SSSR 100 no. 3:550-550 Jl '56.

FILMS, METALLIC see Metallic films

FILMSTRIPS
In the planning department of the "Diafil'm" Plant. Iskusstvo no. 8:119 Ag '56.

FILTERS AND FILTRATION
Difficulties in water sanitary-bacteriological analysis by the method of membrane filters and the investigation of Kichenko's rapid method. T. L. Natanson. Lab. delo 2 no. 1:25-28 Ja-F '56.
Hydraulic system of automatic control for rapid filter systems. A. S. Moskvitin. Vod. i san. tekh. no. 7:4-7 Jl '56.
Redesign of a half sector vacuum-filter valve. N. S. Lysenko. TSvet. met. 29 no. 8:70 Ag '56.
Technical and economic comparison of ordinary rapid filters and the filters of the Rostov Scientific Research Institute of the Academy of Communal Economy. A. G. Tuganov. Vod. i san. tekh. no. 8:4-7 Ag '56.

FINANCE
The All-Union Conference of Archival Workers of Financial Organs. Z. V. Bondarenko. Ist. arkh. no. 4:286-289 Jl-Ag '56.
Follow-up on our material. Fin. SSSR 17 no. 9:86-87 S '56.

FINANCE (Continued)

Improve innovation work in the finance system. Fin. SSSR 17 no. 9:3-8 S '56.

Improve the methods of control. D. Rat. Fin. SSSR 17 no. 9:61-64 S '56.

Kufakova, N.A. [The legal regulation of financial budgets of Soviet institutions; abstract of a dissertation submitted for the degree of Candidate in the Juridical Sciences] Pravovoe regulirovanie finansirovaniia biudzhetnykh uchrezhdenii v SSSR; avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, gos. univ. im. M.V.Lomonosova, 1955. 13 p.

Readers' suggestions. Fin. SSSR 17 no. 9:81-86 S '56.

"Resources of the enterprise and the tasks of strengthening control through the ruble." Reviewed by B. Akent'ev and others. Fin. SSSR 17 no. 9:88-91 S '56.

Standardizing the expenditures of institutions financed through the budget. V. Solov'ev, N. Buevich, P. Metrevelt. Fin. SSSR 17 no. 9:37-41 S '56.

Working capital of socialist enterprises. Den. i kred. 14 no. 9:3-11 S '56.

FINANCE—STUDY AND TEACHING

Let's put the scientific study of finance on a higher level. A. Aleksandrov. Fin. SSSR 17 no. 9:9-17 S '56.

FINGERS—ABNORMITIES AND DEFORMITIES

Dupuytren's contracture and its physical therapy. G. L. Magazanik. Fel'd. i akush. 21 no. 8:16-20 Ag '56.

FINLAND—DESCRIPTION AND TRAVEL

In the country of forests and lakes. B. Galanov. Smena 33 no. 11:17-18 Je '56.

FINLAND—FOREIGN RELATIONS—RUSSIA

In friendly Finland. Sov. Soiuz no. 10:8-9 O '56.

K. E. Voroshilov in Finland. Ogonek 34 no. 36:2-3 S '56.

Results of K. E. Voroshilov's trip to Finland. Sovremennik. Nov. vrem. 14 no. 37:3-4 S '56.

FINLAND—HOSPITALS

Hospital designing practice in Czechoslovakia and Finland. Arkhit. SSSR no. 8:45-48 '56.

FINLAND—RELATIONS (GENERAL) WITH RUSSIA

Finland is our good neighbor. L. Borozdina. Krest'ianka 35 no. 9:7-8 S '56.

FINNO-UGRIAN LANGUAGES—SUFFIXES AND PREFIXES

Formation of secondary cases from postposed constructions in Baltic-Finnish languages. Z. M. Dubrovina. Vest. Len. un. 11 no. 14:69-86 '56.

FIREARMS—SIGHTS

Use of night vision instruments. (Review of the foreign military press). V. Nikolaev. Voen. vest. 36 no. 9: 72-78 S '56.

Using infrared rays in military affairs. A. Iznar. Voen. vest. 36 no. 8:70-77 Ag '56.

FIREBRICK

Pressing crown magnesite bricks with blind holes. D. V. Lisovskii, N. V. Naumov. Ogneupory 21 no. 5:228-230 '56.

Ways to reduce rejects in standard dinas bricks burned by the gas-chamber kiln process. V. D. TSigler and others. Ogneupory 21 no. 5:202-208 '56.

FIREBRICK—TESTING

Chemical and mineralogical changes in refractories used in the regenerators of basic open-hearth furnaces. I. A. Pitskhelauri. Ogneupory 21 no. 5:207-211 '56.

Strength modifications in dinas bricks subjected to heating up to 1600°. I. S. Kainarskii, M. D. Shcheglova. Ogneupory 21 no. 5:193-202 '56.

Torsion method for the study of elastic deformations in chrome-magnesite refractories at room and high temperatures. E. K. Keler, M. N. Biuvshtein. Ogneupory 21 no. 5:217-221 '56.

FIRST AID IN ILLNESS AND INJURY

Maslinkovskii, T. I. [How to protect children from accidents] Kak uberech' detei ot neschastnykh sluchaev. Moskva, Gos. izd-vo med. lit-ry, 1956. 23 p. (Sovety roditeliam)

Treating patients who suffered accidental amputation of the extremities. M. N. Miasnikova. Fel'd. i akush. 21 no. 7:13-16 Jl '56.

FISH, PRESERVED see Fishery products—Preservation

FISH CULTURE

Methods for increasing the commercial return from fishes raised by hatcheries. P. G. Surkov. Ryb. khoz. 32 no. 8:56-58 Ag '56.

Obtaining early two-year-old carps. M. Rybakov, N. Proisenko. Sots. tvar. 28 no. 10:27-28 O '56.

FISH PONDS see subdivision under Lvov Province

FISHERIES

(see also subdivision under Kizilitash Liman; Latvia; North Sea; Novo Scotia; Tach'eng Island)

Brief news. Ryb. khoz. 32 no. 8:93 Ag '56.

Combination of vocations in the Moscow Fishing Combine. I. P. Mal'tsev. Ryb. khoz. 32 no. 8:72-74 Ag '56.

Crew practices of the small fishing seiner "Kamchatskiy." D. P. Vil'chevskii, E. D. Karakotskii, I. N. IAkovlev. Ryb. khoz. 32 no. 8:67-71. Ag '56.

For unconditional fulfillment of the fish production plan. Ryb. khoz. 32 no. 8:1-5 Ag '56.

Items from newspapers. Ryb. khoz. 32 no. 8:91-92 Ag '56.

Methods for reducing the cost of fish production. A. I. Shul'ga. Ryb. khoz. 32 no. 8:48-51 Ag '56.

Reduction of costs is an important task. V. Shimanskaia. Ryb. khoz. 32 no. 8:38-41 Ag '56.

Trade news. Ryb. khoz. 32 no. 8:88-90 Ag '56.

Using gamma rays for weighing fish in waters and determining the concentration of solutions. I. I. Teslin. Ryb. khoz. 32 no. 8:79-83 Ag '56.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—FINANCE

Improve the financial position of motorized fishing stations. N. A. Noskov, N. E. Ignat'eva. Ryb. khoz. 32 no. 8:53-55 Ag '56.

Improving the financial position of motorized fishing stations. S. E. Shevtsov. Ryb. khoz. 32 no. 8:51-52 Ag '56.

Some financial problems of motorized fishing stations. Kh. A. Sarfev. Ryb. khoz. 32 no. 8:45-48 Ag '56.

FISHERIES—RESEARCH see subdivision under Canada

FISHERY PRODUCTS

Increase enterprises' responsibility for the quality of production. B. I. Shlimovich. Ryb. khoz. 32 no. 8:42-44 Ag '56.

FISHERY PRODUCTS—PRESERVATION

Mechanized cannery for processing sprat. I. Sh. Tuktiaev. Ryb. khoz. 32 no. 8:29-33 Ag '56.

New mechanized line for barrel pickling of small fish. M. V. Timofeiuk, I. N. Reznikov, S. P. Luk'ianov. Ryb. khoz. 32 no. 8:19-25 Ag '56.

Over-all mechanization of vat and barrel pickling of fish. V. I. Shuin. Ryb. khoz. 32 no. 8:25-29 Ag '56.

Semiautomatic equipment for dressing goby for canning. A. T. Dedkov. Ryb. khoz. 32 no. 8:34-35 Ag '56.

A useful book ("Technological equipment of fish canneries." G. V. Mikhailov. Reviewed by V. M. Chupakhin). Ryb. khoz. 32 no. 8:94-96 Ag '56.

FISHES

(see also subdivision under Baikal, Lake; Black Sea; Dnieper River; Dniester; Proletarskaya Reservoir)

Practical recommendations for the national economy. L. I. Paziuk. Vest. vys. shkoly 14 no. 9:57-58 S '56.

Studying the problems of interspecific relations in fishes. V. A. Movchan. Nauk. zap. Kiev. un. 13 no. 6: 76-82 '54.

FISHES—ANATOMY

Adaptational relations between the shoulder girdle, operculum, and adjacent elements in the respiratory and feeding functions of osseous fishes. S. I. Chornyi. Nauk. zap. Kiev. un. 13 no. 6:147-171 '54.

Functional and morphological importance of the nasal cavity in fishes. M. V. Shcherbyna. Nauk. zap. Kiev. un. 8 no. 3:85-89 '40.

FISHES—DISEASES AND PESTS

Liaiman, E.M. [Diseases of fish and the possibility of their transmission to humans; a concise practical manual for sanitary physicians] Bolezni ryb i vozmozhnost' zarazheniia imi cheloveka; kratkoe prakticheskoe rukovodstvo dlia sanitarnykh vrachei. Moskva, Gos. izd-vo med. lit-ry, 1956. 107 p. (Biblioteka sanitarnogo vracha i epidemiologa)

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD

Adaptation of predatory fishes to feeding on large armed prey. A. V. Fedorov. Zool. zhur. 35 no. 6:939-940 Je '56.

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY

All-Union conference on the physiology of fishes. TS. V. Serbeniuk, G. A. Maliukina. Zool. zhur. 35 no. 6:949-952 Je '56.

FISHING

(see also subdivision under Black Sea; Okhotsk, Sea of)

Advice for fishermen ("Guidebook for young fishermen," by M. Zaborskii. Book review). Okh. i okh. khoz. no. 9: 55 S '56.

FISHING—IMPLEMENTS AND APPLIANCES

Physicomechanical properties of "chlorin"-capron equipment. V. T. Meslachenko, E. N. Mikhailova. Ryb. khoz. 32 no. 8:10-13 Ag '56.

FISHING BOATS

Crew practices of the small fishing seiner "Kamchatskiy." D. P. Vil'chevskii, E. D. Karakotskii, I. N. IAkovlev. Ryb. khoz. 32 no. 8:67-71 Ag '56.

FISTULA

Internal fistulae of the duodenum [with summary in English, p. 158]. A. V. Mel'nikov. Vest. khir. 77 no. 8:29-46 Ag '56.

FIXED IDEAS

Gakkel', L.B. [The pathophysiological mechanism and clinical aspects of the obsession syndrome] Patofiziologicheskii mekhanizm i klinika sindroma navlazchivosti. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 80 p.

FLAME

Stability of the flame front when a liquid is burning slowly. V. G. Levich. Dokl. AN SSSR 109 no. 5:975-978 Ag '56.

Two-flame burning of nitrogen dioxide mixtures with hydrogen. N. Nasirov, IU. Kh. Shaulov. Dokl. AN SSSR 108 no. 5:868-870 Je '56.

FLANGES

Determining the height of the flange and the layout for flanging noncircular holes. A. A. Burgrova. Vest. mash. 36 no. 9:48-51 S '56.

FLASH-LIGHT PHOTOGRAPHY see Photography, Flash-light

FLAUBERT, GUSTAVE, 1821-1880

Two books on Flaubert ("Gustave Flaubert; from the history of realism in France." A. F. Ivashchenko. "The works of Flaubert." B. G. Reizov. Both reviewed by Valentina Dynnik). Inostr. lit. no. 9:201-205 S '56.

FLAVITSKII, FLAVIAN MIKHAILOVICH, 1848-1917

F. M. Flavitskii's autobiographical notes. G. V. Bykov. Vop. ist. est. i tekh. no. 1:250-253 '56.

FLAX

(see also subdivision under Latvia; Tobol'sk District; White Russia)

Advanced practices in growing flax and hemp. S. M. Tikhomirov. Len. i konop. no. 4:11-14 Je '56.

Against stereotyped cultivation practices in flax growing. P. F. Panov. Len. i konop. no. 3:22-26 My '56.

Carry out self-imposed duties. V. P. Trusova. Len. i konop. no. 4:15-16 Je '56.

Eliminate lagging in flax growing. G. I. Prokin. Len. i konop. no. 4:8-10 Je '56.

High returns from flax growing. Nauka i pered. op. v sel'khoz. no. 8:30 Ag '56.

Improve the industrial processing of retted flax straw. N. I. Gruznov. Len. i konop. no. 3:41-42 My '56.

In the drive for high-quality flax. O. Kh. Zatka. Len. i konop. no. 3:10-22 My '56.

Inspiring example of efficient workers. Len. i konop. no. 4:1-4 Je '56.

Organomineral mixtures for flax. I. M. Ognev. Agrobiologiia no. 4:111-114 Jl-Ag '56.

Plow in a good clover sod prior to fiber flax. P. A. Sergeev. Len. i konop. no. 3:31-34 My '56.

Quality of flax. V. K. Khanetskii. Len. i konop. no. 3: 43-45 My '56.

Results and prospects of our work. V. I. Fedorovich. Len. i konop. no. 3:13-14 My '56.

Supply industry with high-quality flax. Len. i konop. no. 3:1-3 My '56.

Transformations of phosphorus compounds in ripening flaxseed. A. A. Prokof'ev, A. M. Sobolev. Dokl. AN SSSR 109 no. 4:817-820 Ag '56.

Types of retting plants. S. I. Derbenov. Tekst. prom. 16 no. 8:7-8 Ag '56.

Use of airplanes in growing flax. V. M. IAs'ko. Len. i konop. no. 3:38-40 My '56.

Using "Kuzbass" grain dryers for drying retted flax straw. A. A. Chervlakovskii. Len. i konop. no. 4:47-48 Je '56.

FLAX—DISEASES AND PESTS see subdivision under Shakhovskaya District

FLAX—HARVESTING

High-producing work of flax-fiber harvesters. I. M. Vernigora. Len. i konop. no. 4:34-37 Je '56.

Producing four times the annual norm with the flax puller. M. M. Bespalov. Len. i konop. no. 4:37-40 Je '56.

FLAXSEED

Achievements of seed-growing collective farms. E. A. Loginova. Len. i konop. no. 3:35-37 My '56.

MLS-2, 5M thresher for threshing flax. G. A. Khaitis. Len. i konop. no. 4:42-44 Je '56.

New high-capacity LOS-0, 8 machine for cleaning the seed of fiber flax. V. A. Vakhrameev. Sel'khozmashina no. 8:8-10 Ag '56.

FLAXSEED—STORAGE

Effect of moisture and some biochemical factors on the storage conditions of oil-rich flaxseed. V. M. Kopeikovskii, V. K. Zabelina, V. G. Shcherbakov. Masl.-zhir. prom. 22 no. 6:9-12 '56.

FLEA BEETLES
(see also subdivision under Ukraine)
Bottomland flea beetles (Halticinae, Chrysomelidae Coleoptera) in the central Chernozem belt of the European part of the U.S.S.R. and some conjectures on their distribution connected with the irrigation of lands in the southeast [with English summary in insert]. V.F.Palii. Zool.zhur. 35 no.8:1163-1169 Ag '56.
Controlling the flea beetle Psylliodes cucullata Ill. (Coleoptera, Chrysomelidae). A.E.Moiseev. Ent.oboz. 35 no.1:65-68 '56.

FLEAS see subdivision under Pamirs; Tajikistan; Ukraine

FLEROV, NIKOLAI GRIGOR'EVICH
"Over the ocean's blue waves." Nikolai Flerov. Reviewed by N.Kuznetsova. Smena 33 no.15:18 Ag '56.

FLESH FLIES
Palaearctic species of the genus Wohlfahrtia B.B. (Diptera, Sarcophagidae). Ent.oboz. 35 no.1:201-229 '56.

FLEXURE
Calculating blanks for bending; letter to the editor. D.A. Vaintraub. Vest.mash. 36 no.8:59-60 '56.
Method of measuring specimen deflection in drawing diagrams for dynamic bending. G.I. Pogodin-Alekseev, B.A. Artamonov. [Trudy] MVTU no.41:233-235 '55.
"One case of thin plate bending." M.G.Pinskii. Reviewed by N.P.Fleishman. Prykl.mekh. 2 no.2:229 '56.
Problems on the bending of plates supported by an elastic semispace. A.G.Ishkova, A.N.Tulaikov. Inzh. sbor. 23:47-62 '56.
Technique for solving problems on prismatic bar bending. H.N.Polozhii. Prykl.mekh. 2 no.3:257-269 '56.
Transverse bending of freely supported elliptical plates. I.N.Stezinger. Inzh.sbor. 23:105-110 '56.

FLIES
Artamonov, V.N. [The fly is our enemy] Mukha nash vrag. Moskva, Gos. izd-vo med. lit-ry, 1956. 15 p.
Bloodsucking flies of the U.S.S.R. and some regularities of their attacks on man [with summary in English]. A.S.Monchadskii. Ent.oboz. 35 no.3:547-559 '56.

FLIES AS CARRIERS OF DISEASE
(see also subdivision under Kara-Kalpak; Leningrad)
Result of using chlorophos and of diazinone in controlling flies resistant to chlorinated hydrocarbons. V.A. Nabokov, M.A.Lariukhin, A.V.Nikiforova. Med.paraz. i paraz.bol. 25 no.3:256-258 Jl-S '56.

FLINT
Oil from stone. IU.Moralevich. Pioner no.10:46-48 O '56.

FLOOD DAMS AND RESERVOIRS
Selecting the configuration and designing stream directing dams for floodlands. A.M.Latyshenkov. Trudy gidrav.lab. VODGEO no.4:38-72 '55.

FLOODS
(see also subdivision under Java; Kediri; Prut River)
Calculating the transformation of floods in natural conditions. V.I.Mokliak. Trudy Ukr.NIGMI no.3:136-142 '55.

FLOORS, CONCRETE
Experimental testing of the rigidity of a cylindrical envelope [in Georgian with summary in Russian]. O.D. Oniashvili and others. Trudy inst.stroi.dela AN Gruz. SSR 4:59-71 '53.
Using welding in monolithic finishing of hollow precast panels for earthquake areas. Bet.i zhel.-bet. no.8: 301-302 Ag '56.

aev. Sots.obesp. 17

Balkhash; Darasun;

nd their mixtures with xan-
TSvet.met. 29 no.9:11-18

ision of laboratory flotation
erger, I.A.Mogilevskii.
S '56.

the enterprises of nonfer-
man. TSvet.met. 29 no.

nals), A.L. TSvet.met.

see Bibliography--Flota-

nder Yugozapadnaia Bay

FLOUR
Baking quality of bread and bolted rye flour and methods for determining it. V.A.Mys'kov, L.IA.Auerman. Trudy MTIPP 4:22-33 '56.
Determining the baking quality of purified whole rye flour by the electroconductivity of the water-flour suspension. L.IA.Auerman, G.D.Maslikhova, IA.G. Ostrovskii. Trudy MTIPP 4:19-21 '56.

FLOUR MILLS
Establishing power consumption standards for flour mills. P.P.IAstrebov. Prom.energ. 11 no.7:11-14 Jl '56.

FLOW OF WATER see Hydraulics

FLOWMETERS
Designing a microvane device for measuring water flow at slow speeds. N.P.Zrelov. Trudy gidrav.lab. VODGEO no.3:104-112 '52.
Development in designing mercury-free differential manometers and flow-meters. A.G.Nagatkin. Priborostroenie no.8:18-21 Ag '56.
Tubes having critical depth for measuring waste water flow. A.D.Al'tshul'. Vod.i san.tekh. no.8:26-29 Ag '56.

FLOWMETERS--BIBLIOGRAPHY see Bibliography--Flowmeters

FLOWOFF see Runoff

FLUID MECHANICS
Ossen's nonstationary boundary value problem. L.E. Avalishvili. Soob.AN Gruz.SSR 17 no.6:489-494 '56.
The principle of least flow potential. V.I.Skobelkin. Dokl.AN SSSR 108 no.5:787-790 Je '56.

FLUID MECHANICS--PROBLEMS, EXERCISES, ETC.
Sirotina, G.N., and I.S.Erlykina. [Book of problems in hydromechanics] Zadachnik po gidromekhanike. Moskva, Izd-vo "Rechnoi transport," 1956. 132 p.

FLUKE see subdivision 'Liver fluke' under Chelyabinsk

FLUORESCENCE
Duration of fluorescence for mesoderivates of anthracene. A.S.Cherkasov and others. Dokl.AN SSSR 109 no.2:292-294 Jl '56.
Multiple diffusion of light in the presence of fluorescence. Report no.1. A.K.Tovmasian. Dokl.AN Arm.SSR 9 no.4:145-150 '48.
Multiple diffusion of light in the presence of fluorescence. Report no.2. A.K.Tovmasian. Dokl.AN Arm. SSR 11 no.1:9-18 '49.
Possibility of transition from one kind of concentration quenching of fluorescence to another kind. B.IA. Sveshnikov, L.A.Kuznetsova, V.A.Molchanov. Dokl. AN SSSR 109 no.4:746-748 Ag '56.

FLUORESCENCE MICROSCOPY
Clinical-diagnostic importance of fluorescence microscopy. B.I.Zheleznov. Lab.delo 2 no.4:3-6 Jl-Ag '56.
Fluorescence determination of porphyrins in urine in periodic medical examinations. G.F.Okeanova. Lab. delo 2 no.4:9-11 Jl-Ag '56.
Fluorescence microscopy in determining live and dead cells of Actinomyces. N.A.Krasil'nikov, M.N.Bokhtereva. Mikrobiologiia 25 no.3:279-285 My-Je '56.
Simple illuminating apparatus for fluorescence microscopy in visible light. V.T.Sviriakin. Lab.delo 2 no.4:26-27 Jl-Ag '56.

FLUORESCENT LAMPS
Device for the rapid starting of fluorescent lamps. V.G. Lukacher. Energetik 4 no.8:37-39 Ag '56.
Glare of fluorescent lamps. G.M.Knorring. Svetotekhnika 2 no.4:25-26 Jl '56.
Glare of fluorescent lamps. TS.I.Krol', M.A.Ostrovskii. Svetotekhnika 2 no.4:22-25 Jl '56.
The "TL" F lamp, a new fluorescent lamp with predominantly directional light distribution. IU.A. Svetotekhnika 2 no.4:30 Jl '56.

FLUORIDES
Study of the system: $(NH_4)_2BeF_4$ -- $NH_4MnF_3$ -- $H_2O$. L.R.Batsanova, A.V.Novoselova. Zhur.ob.khim. 26 no.7:1827-1830 Jl '56.
System: NaF — $BeF_2$ — $H_2O$. O.I.Novoselova and others. Zhur.neorg.khim. 1 no.3:516-527 Mr '56.

FLUORITE see subdivision under Gissar Range

FLY ASH
Treatment of dusts containing zinc, lead, and tin; from foreign publications. V.M.Bazilevskii, S.L.Liubalina. TSvet.met. 29 no.9:92-96 S '56.

FLYNN, ELIZABETH GURLEY
"I speak my own piece. Autobiography of 'The rebel girl'" [in English]. Elizabeth Gurley Flynn. Reviewed by S.A.Ovsnesian. Vop.ist. no.7:176-177 Jl '56.

FODDER see Feeding and feeding stuffs

FODDER BEET see Mangel-wurzel

FOLK ART see subdivision under White Russia

FOLK LITERATURE, UKRAINIAN
Ivan Franko and folk literature. O.Del. Reviewed by Mykola Hrytsiuta. Vitchyzna 24 no.10:185-187 O '56.

FOLK POETRY
Problems of enography and folk poetry in the Russian periodicals of the 1850's and 1860's (based on materials from "Sovremennik" and "Otechestvennye zapiski"). V.E.Gusev. Trudy Inst.etn. 30 no.1:235-261 '56.
Some theoretical problems in folk poetry. P.M.Popov. Nauk.zap.Kiev.un. 14 no.1:145-198 '55.

FOLK POETRY, UKRAINIAN
Native key to poetry ("Ukrainian folk dumy and historical song"). N.Stal'skii. Druzh.nar. no.9:178-181 S '56.
"Ukrainian folk poetry in the Soviet period," Reviewed by B.P.Kirdan. Sov.etn. no.2:158-161 '56.

FOLKLORE
(see also subdivision under Vologda Province)
Problems of ethnography and folklore in the last third of the 18th century. V.K.Sokolova. Trudy Inst.etn. 30 no.1:136-171 '56.

FOLKLORE, UKRAINIAN
Atheism of the people ("Holy bell clapper"; Ukrainian atheistic folklore. Reviewed by V.Khomenko). Sots. kul't. 10 no.9:46 S '56.

FOLKSONGS
"Materials on the history of the songs of the Great Patriotic War." V.IU.Krupianskaia, S.I.Mintz. Reviewed by L.N.Pushkarev. Sov.etn. no.2:150-154 '56.

FOLKSONGS, BASHKIR
The "uzun-kiul," Bashkir folk musical and poetic classics. L.Lobedinskii. Sov.etn. no.2:46-65 '56.

FOOD--PRESERVATION
Use of cold in the preservation of foodstuffs ("Refrigerating machines and their installation in agriculture." A. Z.Mel'ser, V.F.Chaikovs'kyi. Reviewed by V.M. Udalov). Sots.tvar. 28 no.10:64 O '56.

FOOD INDUSTRY
(see also subdivision under Tula Province; Verkhne-Dneprovsk)
Food industry products. M.Ivanchikova, A.Kokorova. Sov.torg. no.8:30-35 Ag '56.

FOOD INDUSTRY--BIBLIOGRAPHY see Bibliography--Food industry

FOOD INDUSTRY--EQUIPMENT AND SUPPLIES
Communications from the Bureau of Inventions. Sov. torg. no.7:45-46 Jl '56.
From the international agricultural fair in Italy. V.Volosov. Sov.torg. no.7:30-35 Jl '56.

FOOD POISONING
Case of staphylococcus poisoning from eating freshly salted herring. A.B.Gol'dberg. Gig.i san. 21 no.9: 79-80 S '56.
Pathogenesis and therapy of toxicoinfections from food. M.I.Kovalenok. Klin.med. 34 no.7:92 Jl '56.
Prevention of food poisoning. E.N.Ivanova. Med. sestra 15 no.7:15-17 Jl '56.

FOOD SUPPLY see subdivision under Pavlodar

FOOT--ABNORMITIES AND DEFORMITIES
Flat-footedness. V.Blokhin. Sem'ia i shkola 11 no.10:31-32 O '56.

FOOT-AND-MOUTH DISEASE
A case of foot-and-mouth disease of prolonged duration. S.I.Ratner and others. Klin.med. 34 no.7:70-77 Jl '56.
Localization and elimination of the hoof-and-mouth disease by daily disinfection. N.D.Golubev. Veterinariia 33 no.9:86-89 S '56.

FOOT ROT IN SHEEP
Etiology and epizootology of foot rot in sheep. V.I. Mutovin. Veterinariia 33 no.10:63-67 O '56.

FORAGE PLANTS
(see also subdivision under Estonia; Kirghizistan; Ukraine)
Carry out successfully fall agricultural work on stud farms. N.Terekhin. Konevodstvo 26 no.8:1-5 Ag '56.
[Grain and forage crops.] Zernovye i kormovye kul'tury no.3 Mr '56.
[Grain and forage crops.] Zernovye i kormovye kul'tury no.11 N '56.
Postharvest crops are an additional source of green and succulent feeds. M.A.Alekseev. Ovtsevodstvo no.8: 35-36 Ag '56.
Using grass in crop rotations on deep clayey Chernozems. S.S.Sdobnikov. Izv.TSKhA no.1:35-42 '56.
Work of the Feed Section of the All-Union Conference on the Introduction of New Useful Plants into Cultivation. I.V.Larin, E.P.Matveeva, P.F.Matveev. Bot.zhur. 41 no.7:1091-1093 Jl '56.

FORAMINIFERA see subdivision under Bol'shoye Gulikovskoye, Lake; Donets Basin

FORAMINIFERA, FOSSIL see subdivision under Caucasus, Northern

FORCED LABOR see subdivision under Bereza Kartuskaya

FORCES AND ENERGY
Energy sources. Sots. Uz. 15 no. 9:19 S '56.

FOREIGN BODIES (SURGERY)
Causes of leaving foreign bodies in wounds during surgery. IU. P. Edel'. Khirurgiia 32 no. 6:76-79 Je '56.

FOREIGN ECONOMIC RELATIONS
At a new stage. B. Zotov, I. Semenov. Nov. vrem. 14 no. 41:3-6 O '56.
Scientific and technical collaboration of socialist countries. A. Lavrishchev. Kommunist 33 no. 13: 31-45 S '56.

FOREIGN EXCHANGE—LAW
Payment agreements of the European People's Democracies with capitalist countries [with summary in English]. O. Bogomolov, A. Evreiskov. Vnesh. torg. 26 no. 9:23-27 S '56.

FOREIGN INVESTMENTS see subdivision 'Investments, Foreign' under Turkey

FOREIGN RELATIONS see International relations

FOREIGN STUDENTS see Students, Foreign

FOREIGN TRADE see Commerce

FORENSIC PSYCHIATRY see Psychology, Forensic

FOREST ECOLOGY see subdivision under Soviet Far East

FOREST FIRES—PREVENTION AND CONTROL
Designing rotating parts used in the removal of surface layers in cutting firebreaks. I. M. Zagorskii. Sel'khozmashina no. 8:15-18 Ag '56.

FOREST INDUSTRIES see Wood-using industries

FOREST PRODUCTS
Persistently disseminate progressive practices. Gidroliz. i lesokhim. prom. 9 no. 6:1-2 '56.

FOREST ROADS
(see also subdivision under Vychegda Valley)
Year-round construction of log roads. F. V. Vashliaev, N. A. Kotov. Les. prom. 34 no. 9:11-13 S '56.

FOREST SOILS
Effect of soil conditions on the reproduction of pine-sphagnum forests in cut-over areas. L. A. Verkholantseva. Trudy Komi. fil. AN SSSR no. 3:59-69 '55.
Water conditions of soil under cover of forest plantations. A. S. Skorodumov. Trudy Ukr. NIGMI no. 3:40-40 '55.

FOREST SOILS—BIBLIOGRAPHY see Bibliography—Forest soils

FORESTATION see Afforestation ; Reforestation

FORESTS, NATIONAL see National parks and reserves

FORESTS AND FORESTRY
(see also subdivision under Akmolensk Province; India; Kalinin Province; Komi A. S. S. R.; Lvov District; Soviet Central Asia; Ukraine)
Timber resources of the Komi A. S. S. R. and prospects for their utilization. G. T. Mamaev, F. V. Shakhrai. Trudy Komi fil. AN SSSR no. 3:5-12 '55.
A word about forests. I. Zykov. Vokrug sveta no. 8:1-6 Ag '56.

FORESTS AND FORESTRY—CONGRESSES see subdivision under Dehra Dun, India

FORESTS AND FORESTRY—MAPS
Making a 1:2,500,000 scale forestry map of the U. S. S. R. P. I. Matev. Geod. i kart. no. 3:57-61 My '56.

FORGING
A book on forge shop practice ("Forging in machine-tractor stations." P. A. Dunaev, V. V. Rattsee. Reviewed by S. Palestin). MTS 16 no. 8:44 Ag '56.
Introducing the plastic flow method for hot forming. V. A. Zelenoev, A. I. Vorob'ev. Priborostroenie no. 9:24-25 S '56.
Raising the technical and economic work indices of forging shops. N. D. Titov. Avt. i trakt. prom. no. 7:1-5 Jl '56.

FORGING MACHINERY
Experimental testing of some basic formulas for calculating rods of drop hammers in connection with longitudinal impact. Sh. S. Mazitov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:69-76 '56.
Improved forging trimming dies. A. B. Frenkel'. Vest. mash. 36 no. 6:53-54 Je '56.

FORGING MACHINERY—REPAIRING
New methods for repairing steam-pneumatic stamping hammers. K. G. Vorob'ev, IU. N. Sychev. Vest. mash. 36 no. 9:58-61 S '56.

FORK LIFT TRUCKS see subdivision under Hungary

FORMALDEHYDE
Mechanism of the denaturation of proteins; effect of formaldehyde and ether on the resistance to denaturation of globular proteins. A. S. TSyporovich. Vop. med. khim. 2 no. 3:160-174 My-Je '56.
Quick method for determining formaldehyde in the air. V. P. Fedotov. Gig. i san. 21 no. 9:87-89 S '56.
Rest currents of muscles and nerves fixed in formalin. S. D. Kovtun. Nauk. zap. Kiev. un. 8 no. 7:129-148 '50 [i.e. '49].
Use of pure oxygen as oxidizer. S. O. Skvortsov. Gidroliz. lesokhim. prom. 9 no. 6:29 '56.

FORMALIN see Formaldehyde

FORMAMIDE
The action of formamide in urea solutions. E. N. Vasenko. Nauch. zap. LPI no. 29:47-50 '55.

FORMATION, HEAT OF see Heat of formation

FORMATION WATERS (OIL FIELDS) see Oil field brines

FORMIC ACID
Oxonium compounds of esters with organic acids. Part 3. Systems: $HCOOC_2H_5$ -- $CH_3COOH$ and $CCl_3COOC_2H_5$ -- $CH_3COOH$. M. Usanovich, K. Bilialov, L. Krasnomolova. Zhur. ob. khim. 26 no. 7:1881-1884 Jl '56.

FORMOSA
Wu, Chuang-Ta. [Taiwan. Translated from the Chinese] Taiwan'. Perevod so vtorogo kitaiskogo izdaniia M. A. Butenko i V. P. Hinsheehkina. Avtor predisl. A. M. Astrakhanskii. Red. P. I. Glushakova. Moskva, Izd-vo inostrannoi lit-ry, 1955. 66 p.

FORMS (CONCRETE CONSTRUCTION) see Concrete construction—Formwork

FORMS, QUADRATIC
Asymptotic geometry of the Gaussian genera; an analog of the ergodic theorem. IU. V. Linnik. Dokl. AN SSSR 108 no. 6:1018-1021 Je '56.

FORTIFICATIONS, OLD see subdivision under Mykoyanabad District

FORTUNATOV, ALEKSEI FEDOROVICH, 1856-1925
Aleksei Fedorovich Fortunatov, 1856-1925. I. K. Fortunatov. Nauka i pered. op. v sel'khoz. no. 9:52-53 S '56.

FOSS, MARIIA EVGEN'EVNA, d. 1955
In memory of Mariia Evgen'evna Foss. Krat. soob. IIMK no. 64:157 '56.
List of published works by M. E. Foss. Krat. soob. IIMK no. 64:158-161 '56.

FOUL BROOD, AMERICAN
Terramycin for treating bee colonies affected with American foul brood. E. M. Danilkovich. Pchelovodstvo 33 no. 10:34-36 O '56.

FOUNDATIONS
Allowing for horizontal stresses in calculating subsidences. I. Z. Lobanov. Gidr. stroi. 25 no. 8:51-54 S '56.
Electric controlling of the freezing process in sinking foundation pits. F. E. Are. Nov. tekh. i pered. op. v stroi. 18 no. 9:21-23 S '56.
Hollow prestressed reinforced concrete foundations under footings for heating systems. L. S. Livshits. Strol. prom. 34 no. 9:45 S '56.
Precast foundations for 3 to 5- story buildings. S. K. Kapskii. Biul. stroi. tekh. 13 no. 8:19-20 Ag '56.
Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva. [Instructions for controlling the laying of foundations of industrial and public buildings and structures (UI27-55/MS-MSPMKhP)] Ukazaniia po nabliudeniiu za osadkami fundamentov promyshlennykh i grazhdanskikh zdanii i sooruzhenii (UI27-55/MS-MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 27 p.

FOUNDING
(see also subdivision under Nizhniy Tagil)
Avoiding rejects in casting ZIS-120 cylinder heads. G. V. Prosianik. Lit. proizv. no. 8:28-29 Ag '56.
Construction of standard relays for automatization in founding. N. T. Zharov. Trudy Ural. politekh. inst. no. 60:37-46 '56.
Effect of gas pressure in riser heads on the quality of the casting. P. I. IAmshanov. Trudy Ural. politekh. inst. no. 60:135-139 '56.
Formulas for calculating the flow ratio in gating systems and their use. G. M. Dubitskii. Trudy Ural. politekh. inst. no. 60:9-17 '56.
Foundry workers' conference. M. A. Iatrin. TSvet. met. 29 no. 8:80-83 Ag '56.
Improving the founding of bearing caps. E. A. Savvin. Lit. proizv. no. 8:30 Ag '56.
Increasing the heat resistance of mold boxes and carburizing boxes. A. V. Sobolev, A. I. Sitnichenko. Strol. i dor. mashinostr. no. 7:29-30 Jl '56.
Machines for continuous steel casting. S. IUdin. Prof.-tekh. obr. 13 no. 7:15-16 Jl '56.
New Chevrolet foundry in Tonawanda, U. S. A. N. T. Ramanovskii, V. A. Chernushevich. Lit. proizv. no. 8:8-14 Ag '56.
Peshkin, I. S. [Youth pave the ways; Grigorii Pometun, his teachers and comrades] Molodye prokladyvaiut puti; Grigorii Pometun, ego uchitelia i tovarishchi. Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 95 p.
The "splash" method of founding in old Rus. N. N. Stoskova. Vop. ist. est. i tekh. no. 1:151-157 '56.
Study of processes taking place in sprues during pouring into molds from tipping ladles. G. M. Dubitskii. Trudy Ural. politekh. inst. no. 60:18-26 '56.

FOUNDING—BIBLIOGRAPHY see Bibliography—Founding

FOUNDRY MACHINERY AND SUPPLIES
Automatic mixing of molding materials on laboratory FB-2 jockey pulleys. N. T. Zharov. Trudy Ural. politekh. inst. no. 60:27-36 '56.
Device for evaluating the amount of scale on specimens. N. T. Zharov. Trudy Ural. politekh. inst. no. 60:47-53 '56.
Krylov, V. L., and S. T. IUdin. [Foundry equipment] Oborudovanie liteinykh tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 388 p.
Making castings using meltable nonferrous-alloy casting patterns. O. A. Gorshkov. Trudy Ural. politekh. inst. no. 60:192-198 '56.
New design of a foundry mold for the production of castings by the method of vacuum suction. B. M. Kseno-fontov. Trudy Ural. politekh. inst. no. 60:178-182 '56.

FOUNDRY RESEARCH
Effect of the compactness of mold packing on sand scale formation on steel castings. D. I. Los'kov. Trudy Ural. politekh. inst. no. 60:125-134 '56.

FOUNDRY SAND see Sand, Foundry

FOURIER'S SERIES
Absolute summability of Fourier's series for functions of two variables. M. F. Timan. Soob. AN Gruz. SSR 17 no. 6:481-485 '56.
Formulas for practical harmonic analysis and certain problems for estimates of uniform approximations of functions. A. S. Shteinberg. Nauk. zap. Kiev. un. 8 no. 4:105-110 '49.
Multipliers of Fourier integrals. S. G. Mikhlin. Dokl. AN SSSR 109 no. 4:701-703 Ag '56.
Trigonometric null-series. O. S. Ivashev-Musatov. Dokl. AN SSSR 109 no. 3:438-441 Jl '56.

FOX HUNTING
How we hunt foxes. Okh. i ekh. khoz. no. 9:18-19 S '56.

FOXES see subdivision under Azov region

FOXES AS CARRIERS OF DISEASE
Red fox and dogs as carriers of Brucella. M. M. Rementseva, A. I. Guliaev, V. F. Solomina. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:82-89 '56.

FRAAS, KARL NIKOLAUS, 1810-1875
K. Marx's letters concerning K. Fraas and some problems in modern biology. I. A. Khalifman. Agrobiologiia no. 4: 136-147 Jl-Ag '56.

FRACTURES
Clamp for connecting and fixing bone splinters. K. N. Maliakin. Voen.-med. zhur. no. 10:79 O '55.
"Dislocations and fractures." B. M. Khromov. Reviewed by E. M. Krakinovskaia. Med. sestra 15 no. 8:28-29 Ag '56.

FRAMES (STRUCTURES) see Structural frames

FRAMING (BUILDING)
New buildings of assembled plant frames. M. Ivanov. Arkhit. i stroi. 4 no. 4:6-7 Jl-Ag '56.

FRANCE—ANESTHESIA
Anesthesiology in France. P. Lacombe. Vest. khir. 77 no. 8:128-132 Ag '56.

FRANCE—ATHLETIC CLUBS
First and largest. Lilian Taylor. Fizk. i sport 26 no. 9:36-37 '56.

FRANCE—BOOKS
Among French books. Teatr 17 no. 8:184 Ag '56.

FRANCE—COLONIES—AFRICA see Africa—French colonies

FRANCE—CONSTRUCTION INDUSTRY
French practice in using industrial methods for house building. Arkhit. i stroi. 4 no. 4:25-27 Jl-Ag '56.

FRANCE—CULTURE
Literature and art of France. Teatr 17 no. 8:179 Ag '56.

FRANCE—DESCRIPTION AND TRAVEL
A few days in France. E. D. Ashurkov. Zdorov'e 2 no. 9:21-23 S '56.

FRANCE—DISABLED VETERANS
Shall I have a piece of bread now? P. Tillard. Krestianka 36 no. 9:25 S '56.

FRANCE—FOREIGN RELATIONS—GREAT BRITAIN
A new maneuvre in a new phase. Nov. vrem. 14 no. 41:19-20 O '56.

FRANCE—FOREIGN RELATIONS—UNITED STATES
The activities of American diplomacy in France in 1870-1871. M. S. Al'perovich. Vop. ist. no. 7:110-115 Jl '56.

FRANCE—GEOGRAPHY—STUDY AND TEACHING
Interuniversity geographical excursions in France. M. B. Gornung. Izv. AN SSSR. Ser. geog. no. 4:136-139 Jl-Ag '56.

FRANCE—HISTORY
Paris on the threshold of the people's uprising of May 12, 1588. A. A. Lozyns'kyi. Nauk. zap. L'viv. un. 25:192-215 '53.

FRANCE—HISTORY—STUDY AND TEACHING
A successful résumé of teaching practice ("Class eight study of the topic 'The French bourgeois revolution of the 18th century.'" N. G. Dairi. Reviewed by N. TSyganov). Nar. obr. no. 9:68-69 S '56.

FRANCE—PHYSICAL GEOGRAPHY—PERIODICALS
French geomorphological journal. IU. A. Meshcheriakov, D. A. Timofeev. Izv. AN SSSR. Ser. geog. no. 4:121-127 Jl-Ag '56.

FRANCE—RELATIONS (GENERAL) WITH CHINA
Visit of basketball teams of the French General Confederation of Labor to the Chinese People's Republic. Kitai no. 7:31 Jl '56.

FRANCE—SHOW WINDOWS
Dressing show windows abroad. S. Paperno. Nov. torg. tekh. no. 3:42-45 '56.

FRANCE—SOIL HEATING
Electric heating of soil in greenhouses and hotbeds in France. M. A. Potresova. Sad i og. no. 9:28 S '56.

FRANCE—TRADE UNIONS
Trade-union education in the Seine Department. Maurice Gastaud. Vsem. prof. dvizh. no. 7:34-36 Jl '56.

FRANCE—TRAFFIC ACCIDENTS
When there are not enough policemen. Ogonek 34 38:25 S '56.

FRANKFURT AM MAIN—WELDING
The 1955 welding conference at Frankfort on the Main (German Democratic Republic). I. N. Grabov. Svar. proizv. no. 8:27-30 Ag '56.

FRANKLIN, BENJAMIN, 1706-1790
An autography of Benjamin Franklin. M. I. Radovskii. Ist. arkh. no. 4:259-260 Jl-Ag '56.

FRANKO, IVAN, 1856-1916
(see also subdivision under Czechoslovakia)
A. N. Pypin's letter to Ivan Franko. Mykola Hudzii. Zhovten' 6 no. 9:50-51 S '56.
Ardent greetings from the Chinese people. Kuo Mo-jo. Zhovten' 6 no. 9:3 S '56.
At the Carpathian foothills. IAkiv Stetsiuk. Zhovten' 6 no. 8:58-62 Ag '56.
A bard of friendship and fraternity of the peoples. IAkub Kolas. Zhovten' 6 no. 8:9-10 Ag '56.
Bard of the people's eternal strength. A. M. Kin'ko. Visnyk AN URSR 27 no. 8:66-69 Ag '56.
A bard of the truth and liberty. Natan Rybak. Ogonek 34 no. 35:7-8 Ag '56.
Brief news. Zhovten' 6 no. 9:124-127 S '56.
A champion of friendship of the Slavic peoples. Karol V. Rypáček. Zhovten' 6 no. 8:14-15 Ag '56.
Days of the anniversary. Zhovten' 6 no. 10:117-123 O '56.
[illegible]e World Peace Congress. Zhovten' 6 [illegible]6.
[illegible]land praises the great builder. Leon [illegible] Zhovten' 6 no. 9:11 S '56.
[illegible]ak. Ogonek 34 no. 35:8 Ag '56.
[illegible]igi, Moscow. [The life and works of Ivan [illegible]rials for exhibitions in school and chil[illegible]ries] Zhizn' i tvorchestvo Ivana Franko; [illegible]i vystavki v shkole i detskoi biblioteke. [illegible]izd-vo detskoi lit-ry Ministerstva pro[illegible]RSFSR, 1956. 7, 36 p.
[illegible]s of I. IA. Franko. IE. A. Holubova'ka. [illegible]SR 27 no. 8:45-55 Ag '56.
[illegible]terpreter and translator of Dante's [illegible] O. M. Dombrovs'kyi. Nauk. zap. L'viv. un.
[illegible]ranslator of Russian poets. Andrii [illegible]chyzna 24 no. 9:124-130 S '56.
[illegible]aw him ("Ivan Franko in the reminis[illegible]coevals," Reviewed by Hryhorii Artiu[illegible]hovten' 6 no. 9:112-116 S '56.
[illegible]ation of "The bard," Ivan Pil'huk. [illegible]o. 9:80-86 S '56.
Taras Franko. Zmina no. 8:3 Ag '56.
[illegible]hi people. Petro Panch. Zhovten' 6 [illegible]'56.
[illegible]the Czech people. Ludvik Kuba. Zhovten' [illegible]S '56.
Great significance of Ivan Franko; 1856-1916. O. I. Biletsk'kyi. Visnyk AN URSR 27 no. 8:3-18 Ag '56.
He still is close to us. Nunu Khomeriki. Zhovten' no. 8:16-18 Ag '56.
He was a servant of his people. Mykhailo Mykysha. Zhovten' 6 no. 9:12-16 S '56.
He will live forever. Vera Inber. Zhovten' 6 no. 9:19-20 S '56.
His songs are still alive. Hruhorii Nud'ha. Zhovten' 6 no. 9:107-112 S '56.
Historical concepts of I. IA. Franko. L. A. Kovalenko. Nauk. zap. Inst. ist. AN URSR 8:3-33 '56.
I. Franko against religion ("Ivan Franko in his struggle against religion, the church, and the Vatican." Denys Lukianovych. Reviewed by Ivan Romanchenko). Zhovten' 6 no. 8:103-105 Ag '56.
I. Franko's tale on the stage. Mykola Matvilchuk. Zhovten' 6 no. 8:111-113 Ag '56.
Immortal legacy. Borys Katsenko. Ukraina no. 16:20-21 Ag '56.
In faraway Canada. A. Shlepakov. Ukraina no. 16:17 Ag '56.
In Franko's footsteps. Anton Monastyrs'kyi. Zhovten' 6 no. 8:15-16 Ag '56.
In the fire of the struggle; about revolutionary activities of Ivan Franko. Ivan Bass. Sov. Ukr. 6 no. 8:158-169 Ag '56.
In the poet's home country. A. Palei. Smena 33 no. 16:18-20 Ag '56.
Ivan Franko. A. Dzeverin. Nar. obr. no. 9:11-16 S '56.
Ivan Franko. F. Pritima. Zvezda no. 8:180-187 Ag '56.
Ivan Franko, IAroslav Halan, IAroslav Kondra. Zhovten' 6 no. 9:41-49 S '56.
Ivan Franko and Bulgaria. Petko Atanasov. Vitchyzna 24 no. 9:153-160 S '56.
Ivan Franko and folk literature. O. Dei. Reviewed by Mykola Hrytsiuta. Vitchyzna 24 no. 10:185-187 O '56.
Ivan Franko and music. Stanislav Liudkevych. Zhovten' 6 no. 9:8-11 S '56.
Ivan Franko and Slavic literature. H. D. Verves. Visnyk AN URSR 27 no. 8:31-44 Ag '56.
Ivan Franko and the Canadian Ukrainians. Petro Kravchuk. Vitchyzna 24 no. 9:145-152 S '56.
Ivan Franko and the theater. IAkiv Biloshtan. Zhovten' 6 no. 9:62-70 S '56.
Ivan Franko and White Russian culture. P. Akhrymenka. Polymia 34 no. 8:118-123 Ag '56.
Ivan Franko and world literature. Ida Zhuravs'ka. Zhovten' 6 no. 8:93-102 Ag '56.
Ivan Franko anniversary. Slaviane no. 9:63 S '56.
Ivan Franko as a historian of the Ukrainian peasantry. I. O. Hurzhii. Nauk. zap. Inst. ist. AN URSR 8:34-50 '56.
Ivan Franko as a translator. D. M. Iofanov. Visnyk AN URSR 27 no. 8:70-72 Ag '56.
Ivan Franko as linguist. Natalila Kornilenko. Zhovten' 6 no. 9:71-79 S '56.
Ivan Franko at the labor newspaper "Praca." H. D. Verves. Nauk. zap. Inst. ist. AN URSR 8:114-138 '56.
Ivan Franko in the reminiscences of his contemporaries. O. Dei. Ukraina no. 16:4-5 Ag '56.
Ivan Franko is with us; sketches. Sov. Ukr. 6 no. 8:5-26 Ag '56.
Ivan Franko on children's literature. Halyna Paperna. Zhovten' 6 no. 9:86-93 S '56.
Ivan Franko on Polish-Ukrainian relations and on Polish history. F. P. Shevchenko. Nauk. zap. Inst. ist. AN URSR 8:51-79 '56.
Ivan Franko on the reactionary role of catholicism in Slavic history. A. V. Santsevich. Nauk. zap. Inst. ist. AN URSR 8:97-113 '56.
Ivan Franko on the struggle of workers during the time of capitalism. S. H. Filipova. Nauk. zap. Inst. ist. AN URSR 8:80-96 '56.
Ivan Franko, outstanding student of Shevchenko's legacy. Mykola Tkachenko. Dnipro 30 no. 8:117-121 S '56.
Ivan Franko, translator of Nekrasov. A. M. Finkel'. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:336-351 Jl-Ag '56.
Ivan Franko's attitude toward the Polish peasant movement in Galicia. Krzysztof Dunin-Wąsowicz. Nauk. zap. Inst. ist. AN URSR 8:139-160 '56.
Labor of a lifetime. A. Borshchagovskii. Teatr 17 no. 8:63-69 Ag '56.
Land where Franko used to walk. Nikolai Kostenko. Sov. Ukr. 6 no. 8:129-135 Ag '56.
Love for the Great mason. V. Osipov. Slaviane no. 9:50-54 S '56.
Love for the people bound them together; reminiscences. Ostap Lysenko. Ukraina no. 16:10-11 Ag '56.
Lvov. Universytet. [Ivan Franko; articles and papers] Ivan Franko; statti i materialy. [L'viv] Vyd-vo L'vivs'koho univ.
Vol. 5. 1956. 421 p.
Man who did not know fatigue. Mykhailo Rudnyts'kyi. Ukraina no. 16:13 Ag '56.
Mind and work ("Aesthetic of labor in Ivan Franko's poetry." I. Doroshenko. Reviewed by Iosyp TS'okh). Zhovten' 6 no. 9:121-123 S '56.
Monument to the great mason. V. Rechmedin. Sots. kul't. 10 no. 9:6 S '56.
My reminiscences about Ivan Franko. Mykhailo Mykysha. Vitchyzna 24 no. 9:108-113 S '56.
My teacher and friend. František Hlavaček. Zhovten' 6 no. 9:3-8 S '56.
New publications of Ivan Franko's works. Dm. Starikov. Ogonek 34 no. 35:19 Ag '56.
On the 100th anniversary of Ivan Franko's birth. Lit. Azerb. 14 no. 9:57 S '56.
On the road to realism. IAkym IArema. Ukraina no. 16:12 Ag '56.
Our pride and glory. Natalia Uzhvii. Zhovten' 6 no. 9:18-19 S '56.
Outstanding philologist. Mykola Hudzii. Zhovten' 6 no. 8:10-11 Ag '56.
Pages of a great life. Zmina no. 8:4-6 Ag '56.
The pedagogical views of I. IA. Franko, S. Kh. Chavdarov. Sov. pedag. 20 no. 9:80-92 S '56.
Philosophical views of I. IA. Franko. D. Kh. Ostrianyn. Visnyk AN URSR 27 no. 8:19-30 Ag '56.
Satiric works of Ivan Franko. A. Kisel'ov. Kom. Ukr. 31 no. 7:42-52 Jl '56.
"Semper tiro." Mykhailo Rudnyts'kyi. Zmina no. 8:13 Ag '56.
Solemn celebration in memory of Ivan Franko. Stepan Matsiievych. Zhovten' 6 no. 9:21-30 S '56.
Son of the people. Taras Franko. Sov. Ukr. 6 no. 8:154-157 Ag '56.
Source of creative vigor. Olena Kul'chyts'ka. Zhovten' 6 no. 8:11-12 Ag '56.
A study about I. Franko as a literary critic ("Ivan Franko's works in the field of literary criticism." H. Sydorenko. Reviewed by Oleksii Dei). Zhovten' 6 no. 8:105-108 Ag '56.
A study of I. Franko's philosophy ("An outline of Ivan Franko's philosophical views." M. Vozniak. Reviewed by Ivan Sirak). Zhovten' 6 no. 9:119-120 S '56.
To struggle means to live; 1856-1916. Ukraina no. 16:1 Ag '56.
Ukrainian music in Franko's life and work. Martin Zabaikevych. Vitchyzna 24 no. 9:131-140 S '56.
Unbending fighter for progress. Vasyl' Kas'ian. Zhovten' no. 8:13-14 Ag '56.
A university in his name. M. Tkachuk. Ukraina no. 16:14 Ag '56.
An unpublished article by Ivan Franko. Volodymyr Dmytruk. Zhovten' 6 no. 8:76-78 Ag '56.
Useful for school publications about I. IA. Franko. I. Kharkivs'kyi. Rad. shk. 35 no. 9:49-52 S '56.
Word from our brethren from beyond the ocean. Mykola Tarnovs'kyi and others. Zhovten' 6 no. 8:19-21 Ag '56.
Words of great esteem. Kornii Chukovskii Zhovten' 6 no. 9:8 S '56.
Writer and democrat. E. Tarasova. Sov. zhen. 12 no. 9:23 S '56.
Writer and thinker. Valentyn Kataev. Zhovten' 6 no. 8:8-9 Ag '56.

FRANKO, IVAN, 1856-1916—MUSEUMS, RELICS, ETC.
At the writer's museum. Vira Bon'. Zhovten' 6 no. 8:120-121 Ag '56.
Useful book ("Guide to the Ivan Franko State Literary Memorial Museum in Lvov." V. Bon', M. Davydova, L. Poliuha. Reviewed by Mykola Bartoshyk). Zhovten' 6 no. 9:116-118 S '56.

FRANKO, IVAN, 1856-1916—TRANSLATIONS, FOREIGN
In many languages of the world. IUrii Medvedlev. Zhovten' 6 no. 8:114-116 Ag '56.
In the languages of the fraternal peoples. IUrii Nazarenko. Zmina no. 8:15 Ag '56.

FRANKO, IVAN, 1856-1916—TRANSLATIONS, POLISH
Ivan Franko's works in Polish translation ("Selected works"; v. 1. [In Polish]. Reviewed by Ivan Lozyns'kyi). Zhovten' 6 no. 9:108-111 Ag '56.
Publication of Franko's works in Poland. Iryna Hrykn. Ukraina no. 16:17 Ag '56.

FRANKO IN LITERATURE AND ART
Bas-reliefs of Shevchenko and Franko. V. Dmytrilenko. Ukraina no. 16:10-11 Ag '56.
Franko in pictorial art. Andrii Nimenko. Vitchyzna 24 no. 9:141-144 S '56.

FREE WILL AND DETERMINISM
M. Nalbandian on the problem of determinism and freedom of the will. V. Osipova. Izv. AN Arm. SSR. Obshchestv. nauki no. 8:33-42 Ag '56.

FREEDOM see Liberty

FREEDOM OF RELIGION see Religious liberty

FREEZING see Refrigeration and refrigerating machinery

FREEZING POINTS OF SOLUTIONS see Cryoscopy

FREIGHT RATES see Railroads—Rates

FRENCH COLONIES see subdivision under Africa

FRENCH EQUATORIAL AFRICA—RELATIONS (GENERAL) WITH CHINA
African trade-union delegation admires China. Vsem. prof. dvizh. no. 8:21 Ag '56.

FRENCH HISTORIOGRAPHY

Reizov, B. G. [French Romantic historiography (1815-1830)] Frantsuzskaia romanticheskaia istoriografiia (1815-1830). [Leningrad] Izd-vo Leningradskogo univ., 1956. 533 p.

FRENCH LANGUAGE—DIALECTS

"Brief grammar of the ancient Picard" [in French]. Ch. T. Gossen. Reviewed by M. A. Borodina. Vop. iaz. 5 no. 4:131-134 Jl-Ag '56.

FRENCH LANGUAGE—DICTIONARIES—RUSSIAN

Pototskaia, V. V. [Russian-French [and French-Russian] dictionary] Russko-frantsuzskii [frantsuzsko-russkii] slovar', Izd. 6-oe. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei,
Vol. 1. [Russian-French dictionary] Russko-frantsuzskii slovar'. 1955.
Vol. 2. [French-Russian dictionary] Frantsuzsko-russkii slovar', 1955.
(CLU)

FRENCH LANGUAGE—GLOSSARIES, VOCABULARIES, ETC.

[French-Russian phrase book] Guide parlé français-russe. 2me edition. Moscou, Editions en langues étrangeres, 1956. 170 p.

FRENCH LANGUAGE—HISTORY

"Readings in the history of the French language" by V. Shishmarev and "Dictionary of Old French in V. Shishmarev's book of readings in the history of the French language." Reviewed by A. A. Smirnov. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:376-379 Jl-Ag '56.

FRENCH LANGUAGE—ORTHOGRAPHY AND SPELLING

Etymological principle of French orthography. A. Suslina. Stud. nauch. sbor. ERPI no. 4:96-115 '56.

FRENCH LANGUAGE—WORD ORDER

Place of descriptive adjectives in the modern French language. I. I. Obukhovskaia. Nauk. zap. L'viv. un. 30: 92-101 '55.

FRENCH POETRY—TRANSLATIONS INTO RUSSIAN

Antokol'skii, P. G., tr. [French poetry on social and political themes] Grazhdanskaia poeziia Frantsii. V perevodakh Pavla Antokol'skogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1955. 368 p.
(NN)

FREQUENCY MEASUREMENTS

Decade generator for measuring infrasonic and sonic frequencies. M. P. Khotiaintsev. Avtomatyka no. 2: 91-93 '56.

FREQUENCY MODULATION, RADIO see Radio frequency modulation

FRESH-WATER BIOLOGY see subdivision under Dnieper River; Drevlisa Lake; Vychegda River; Zabslot'ye District

FRICTION

Automatizing the control of the moment of friction for bearings in instruments. Kh. Kh. Batalov. Priborostroenie no. 8: 26-27 Ag '56.

Friction of a roller in the slot of a cylindrical cam. V. T. Kostitsyn. Trudy Sem. po teor. mash. 16 no. 62:56-63 '56.

Influence of lubrication upon the friction process. V. D. Kuznetsov, A. I. Lockutov, L. M. Kisurina. Dokl. AN SSSR 109 no. 1:124-126 Jl-Ag '56.

Some problems of friction in flexible couplings. V. T. Kostitsyn. Trudy Sem. po teor. mash. 16 no. 62:43-55 '56.

FRICTION CLUTCHES see Clutches (Machinery)

FRIENDLY SOCIETIES

Help and attention are needed. A. Noritsyn. Sots. obesp. 17 no. 4:44 Ap '56.

Mutual aid funds have become more active. A. Umnova. Sots. obesp. 17 no. 4:43 Ap '56.

On the "Proletarian Freedom" Collective Farm. Sots. obesp. 17 no. 4:45 Ap '56.

FRINGS, THEODOR, 1886-

Theodor Frings as a Germanic scholar. V. M. Zhirmunskii. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:365-373 Jl-Ag '56.

FRIT FLIES
(see also subdivision under Kurgan)

Distinction between larvae and puparia of the frit flies Oscinella frit L. and Oscinella pusilla Meig. (Diptera, Chloropidae) [with English summary in insert]. E. P. Narchuk. Zool. zhur. 35 no. 6:868-873 Je '56.

The Swedish fly, a dangerous corn pest. N. F. Batygin, I. D. Shapiro. Kukuruza 1 no. 3:42-46 Je '56.

FROGS

Culture in vitro of presumptive anlagen of the olfactory organ in amphibians (Rana temporaria). IA. A. Vinnikov. Dokl. AN SSSR 108 no. 6:973-976 Je '56.

FROST

First autumn frosts. S. A. Maksimov. Priroda 45 no. 9:125 S '56.

Protecting farm crops from frosts. I. A. Gol'tsberg. Meteor. i gidrol. no. 7:3-7 Jl '56.

FROST RESISTANCE OF PLANTS see Plants—Frost resistance

FROZEN GROUND

Attachment for the stump-pulling crane to overcome frozen ground on hydropeat fields. N. A. Safonov, S. M. Beliachkov. Torf. prom. 33 no. 6:36 '56.

Earthwork under cold weather conditions. S. F. Gusakov, A. S. Vaiogant. Strol. prom. 34 no. 9:7-10 S '56.

Experimental testing of machines used for working frozen ground. M. I. Gal'perin. Strol. prom. 34 no. 9:11-12 S '56.

Relation between stress and deformation of frozen grounds with allowance for the time factor. S. S. Vialov. Dokl. AN SSSR 108 no. 6:1049-1052 Je '56.

FRUCTOSE—PHYSIOLOGICAL EFFECT

Effect of phosphorylated carbohydrates on heart muscle. T. M. Turpaev, L. N. Bobrova, B. N. Stepanenko. Dokl. AN SSSR 109 no. 5:1077-1080 Ag '56.

FRUIT

More vegetables, fruit, and grapes for workers. Sad i og. no. 9:3-5 S '56.

FRUIT—DISEASES AND PESTS
(see also subdivision under Kazakhstan)

Savzdarg, V.E. [Pests and diseases of fruits and berries] Vrediteli i bolezni plodovykh i iagodnykh kul'tur. Izd. 2-oe. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 164 p. (Bibliotechka sadovoda)
(DA)

FRUIT—HARVESTING

Efficient methods of harvesting fruits. V. E. Zel'tser. Sad i og. no. 8:57-58 Ag '56.

Preparing for harvesting fruit crops. F. Maksimov. Sad i og. no. 9:29-30 Ag '56.

FRUIT—MARKETING

Increase the productivity of labor in marketing apples. N. A. Busarov. Sad i og. no. 9:30-33 S '56.

FRUIT—STORAGE

Collective farm fruit storehouse having a 50-ton capacity. N. N. Koz'iakov. Sad i og. no. 8:60-61 Ag '56.

FRUIT CULTURE
(see also subdivision under Akmolinsk Province; Armenia; Belogorsk District; Kazakhstan; Kirghizistan; Siberia; Tajikistan; Ural Mountain region)

Achieve a sharp rise in the production of fruit, berries, and grapes. N. A. Kameshilov. Sovkhoz. proizv. no. 9: 39-45 S '56.

Advice for fruit growers. Zashch. rast. ot vred. i bol. 1 no. 3:61-63 Jl-Ag '56.

Annual fruit bearing in the orchard. F. A. Mel'nichuk, L. A. Grigorenko. Sad i og. no. 9:54-56 S '56.

Brief notes. Sad i og. no. 8:74-75 Ag '56.

Calendar for vegetable and fruit growers and viticulturists. Sad i og. no. 8:76 Ag '56.

Calendar for vegetable gardening, fruit culture, and viticulture. Sad i og. no. 9:71-72 S '56.

Care of soil in bearing orchards. I. I. Kanivets. Sad i og. no. 9:33-37 S '56.

Creators of new working methods. A. K. Petrov. Nauka i pered. op. v sel'khoz. no. 9:54 S '56.

Economical biological grouping of varieties. I. M. Semenov. Sad i og. no. 9:48-52 S '56.

Effect of saturation irrigation on the displacement of phase development of fruit crops. E. G. Mukhina. Trudy Ukr. NIGMI no. 3:61-63 '55.

Fruit garden of a miner, follower of Michurin. Mast. ugl. 5 no. 9:30 S '56.

Increase the production and procurement of fruits, berries, and grapes. Sad i og. no. 8:3-6 Ag '56.

Increasing the production and procurement of fruits and berries. Sad. vin. Mold. 11 no. 4:1-4 Jl-Ag '56.

Lavrik, P. I., and N. A. Rybitskii. [The fruit and berry orchard; a reference book] Plodovyi i iagodnyi sad; nastol'naia kniga sadovoda. [Leningrad] Leningradskoe gazeino-zhurnal'noe i kn-vo, 1955. 275 p.
(DA)

Laying out an area for an orchard. I. A. IUrin. Sad i og. no. 9:45-48 S '56.

Let's give the country more fruit and grapes. Sad. vin. Mold. 11 no. 4:5-6 Jl-Ag '56.

Lower the amount of labor expended on fruit- and grape-growing state farms. N. V. Kantov. Sad. vin. Mold. 11 no. 4:58-59 Jl-Ag '56.

Pomaranov, S. F. [Orchard with a windbreak] Sad pod zashchitoi lesa. [Gor'kii] Gor'kovskoe kn-vo, 1955. 102 p.
(DA)

Problem of the line of machinery to be used in fruit culture. IA. Z. Zhilitskii. Sad i og. no. 8:47-52 Ag '56.

Protracted storage of fruit bearing plant pollen. A. S. Tatarintsev. Priroda 45 no. 9:103 S '56.

Selecting suitable species and varieties for the orchard. G. N. Glukhen'kii, S. K. Isakov. Sad i og. no. 9:52-53 S '56.

Storing fruit seeds and preparing them for seeding. V. F. Efimov. Sad i og. no. 9:42-45 S '56.

That fruit may ripen... A. Dubrovskii. IUn. nat. no. 6: 24-25 S '56.

FRUIT CULTURE—BIBLIOGRAPHY see Bibliography—Fruit culture

FRUIT JUICES

Improve the quality of grape juice. A. S. Zaslavskii. Sad. vin. Mold. 11 no. 4:56-57 Jl-Ag '56.

New method for preserving juices. M. G. Gidatevich. Sad. vin. Mold. 11 no. 4:60-61 Jl-Ag '56.

FRUIT TREES
(see also subdivision under Smolensk Province)

Disposition of fruit-tree roots. E. V. Kolesnikov. Sad i og. no. 9:40-42 S '56.

Matveev, M. I. [Water cycle of some arborescent plants in the mountainous part of Tajikistan [Vodnyi rezhim nekotorykh drevesnykh rastenii gornogo Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1953. 81 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, vol. 10)

FRUIT TREES—DISEASES AND PESTS

Leaf rollers, pests of pome fruit trees in the Glasar Valley. V. G. Baeva. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:145-151 '56.

FRUITS, CITRUS see Citrus fruits

FRUNZE—HORSE RACING

Before the sports festival of the peoples of the U. S. S. R. L. Kryzhitskaia. Konevodstvo 26 no. 7:30-32 Jl '56.

FRUNZE (KIRGHIZISTAN)—PLANTS, ORNAMENTAL

Preliminary results of growing new ornamental trees and shrubs in the city of Frunze. V. S. Inchina. Trudy Biol. KirFAN SSSR no. 4:157-169 '61.

FUCHSIN

New complexons. Communication 2. Parafuchsinhexaacetic acid [with English summary in insert]. R. P. Lastovskii and others. Zhur. anal. khim. 11 no. 4:405-409 Jl-Ag '56.

FUEL

Bernshtein, G. D. [Fuel and lubricants] Toplivo i smazochnye materialy. Izd. 2-oe, perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 294 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

Low-temperature characteristics of hydrocarbon fuels; changes in fuel phase state. IA. B. Cherikov, V. N. Zretov. Khim. i tekh. topl. no. 9:11-22 S '56.

Production of mixed coke and smokeless fuel ("Coke and Gas" 18 no. 201 February 1956). L. S. Koks i khim. no. 6:62 '56.

FUEL—DICTIONARIES

Chochia, A. P., comp. [English-Russian dictionary of fuels and oils] Anglo-russkii slovar' po toplivam i maslam. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 545 p.

FUEL, LIQUID see Liquid fuels

FUEL PUMPS

Fuel pumps with gas pushers for supercharged motors; (from "Transactions of the Institute of Marine Engineers). G. Dolzhenko. Mor. flot 16 no. 9:27-28 S '56.

FUKIEN PROVINCE—AGRICULTURAL EDUCATION

Cooperation between the Agricultural Institute and the cooperation farm. Kitai no. 7:18-19 Jl '56.

FUKIEN PROVINCE—AGRICULTURE, COOPERATIVE

Cooperation between the Agricultural Institute and the cooperative farm. Kitai no. 7:18-19 Jl '56.

FUNCTIONAL EQUATIONS

S. A. Chaplygin's method. A. N. Baluev. Vest. Len. un. 11 no. 13:27-42 '56.

FUNCTIONS

Approximate evaluation of integrals in the case of rapidly oscillating factors in the integrand. V. I. Krylov. Dokl. AN SSSR 108 no. 6:1014-1017 Je '56.

Bernstein's approximation problem. S. N. Mergelian. Dokl. AN SSSR 109 no. 1:25-28 Jl-Ag '56.

Certain functions characterizing the stepwise complexing in solutions. K. B. IAtsimirskii. Zhur. neorg. khim. 1 no. 3:412-421 Mr '56.

Contribution to the theory of schlicht functions and Biberbach-Eilenberg functions. IU. E. Alenitsyn. Dokl. AN SSSR 109 no. 2:247-249 Jl '56.

New version of the inverse Sturm - Liouville problem on a finite interval. L. A. Chudov. Dokl. AN SSSR 109 no. 1:40-43 Jl-Ag '56.

Proof to the effect that a function with a singularity can be expanded into a series of characteristic functions. V. A. Il'in. Dokl. AN SSSR 109 no. 1:21-24 Jl-Ag '56.

Rings of functions on an $n$-dimensional torus. G. I. Shilov. Nauk. zap. Kiev. un. 11 no. 7:17-23 '52.

Theorem stating that a function having a finite number of smooth segments can be expanded into a series of characteristic functions within an arbitrary two-dimensional region. V. A. Il'in. Dokl. AN SSSR 109 no. 3: 442-445 Jl '56.

FUNCTIONS, ANALYTIC

Certain problems in the theory of univalent functions. V. A. Zmorovych. Nauk. zap. Kiev. un. 11 no. 7:83-94 '52.

One class of quasi-analytical functions. A. L. Shagi-nian. Dokl. AN Arm. SSR 9 no. 1:3-6 '48.

Representation of analytical functions by series in orthogonal polynomials. P. K. Suetin. Dokl. AN SSSR 109 no. 1:36-39 Jl-Ag '56.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CONTINUOUS

One convergent process of approximating continuous functions. G. M. Mirak'ian. Dokl. AN Arm. SSR 16 no. 2: 33-37 '53.

FUNCTIONS, ENTIRE

Best approximation by integral functions in the complex domain. M. M. Dzhrbashian, A. P. Tamadian. Izv. AN SSSR. Ser. mat. 20 no. 4:485-512 Jl-Ag '56.

Montel's problem. V. A. Tonian. Dokl. AN Arm. SSR 10 no. 4:145-146 '49.

FUNCTIONS, HARMONIC see Harmonic functions

FUNCTIONS, ORTHOGONAL

Connection between Muntz theorem and orthogonal expansions. E. Shnol'. Dokl. AN SSSR 109 no. 5:910-912 Ag '56.

FUNCTIONS, PERIODIC

Applicability of the Fischer-Riesz theorem to almost periodic Weyl functions. A. S. Kovan'ko. Dop. ta pov. L'viv. un. no. 5, pt. 2:93 '55.

FUNCTIONS, POTENTIAL see Potential, Theory of

FUNCTIONS, SYMMETRIC see Symmetric functions

FUNCTIONS, TRIGONOMETRICAL see Trigonometrical functions

FUNCTIONS, ZETA

Sieve-method correlations with the Riemann's $\zeta$-function. A. I. Vinogradov. Vest. Len. un. 11 no. 13:142-146 '56.

FUNCTIONS OF SEVERAL VARIABLES

Quasianalytic functions of many variables upon manifolds of an even number of dimensions. I. I. Danilluk. Dokl. AN SSSR 109 no. 3:434-437 Jl '56.

FUNGI
(see also subdivision under Azerbaijan; Kanev; Ukraine)

Mycoflora of books and paper. IU. P. Niuksha. Bot. zhur. 41 no. 6:797-809 Je '56.

New data about the "tea fungus." E. IU. Shass. Fel'd. i akush. 21 no. 9:53-54 S '56.

Volatile antibiotic substances in Trichoderma Pers. fungi [with English summary in insert]. V. I. Bilai. Mikrobiologiia 25 no. 4:458-465 Jl-Ag '56.

FUNGI—THERAPEUTIC USE

Effect of a stimulant, extracted from petroleum industrial waste, on the development and antibiotic activity of certain fungi [in Azerbaijani with summary in Russian]. G. S. Kasimova, T. A. Babaeva. Dokl. AN Azerb. SSR 12 no. 9:655-660 '56.

FUNGI, PATHOGENIC
(see also subdivision under Kanev District)

Rotting of acorns in the Moldavian S. S. R. and measures for its prevention. I. S. Popushoi. Uch. zap. Kish. un. 13:197-207 '54.

FUNGI, WOOD-STAINING see Wood-staining fungi

FUNGI IN AGRICULTURE see subdivision under Ukraine

FUNGICIDES

Effect of disinfectants on nodule bacteria in connection with the treatment of seeds with nitrifying bacteria. P. K. Lampovshchikov. Ud-i ur. 1 no. 8:18-26 Ag '56.

"Kupral," a remedy against mold. A. Protsenko. Moloch. prom. 17 no. 6:37 '56.

Tetramethylthiuram disulfide, a new compound for controlling fungus diseases in corn. F. P. Shevchenko. Kukuruza 1 no. 2:56-57 My '56.

FUR

New Government standard for red fox furs. A. Koniukhovich. Okh. i okh. khoz. no. 8:12 Ag '56.

Still unused potentialities for the manufacture of articles of clothing made of fur. A. N. Moshkov. Leg. prom. 16 no. 7:14-17 J '56.

FUR, ARTIFICIAL

Collars from imitation karakul. V. Kanevskii, I. Effmaka. Prom. koop. no. 9:13 S '56.

FUR-BEARING ANIMALS

Distribution of fur-bearing animals in the southern forest-steppe zone of the European U. S. S. R. A. M. Kolosov, S. V. Shibanov. Trudy VNIO no. 16:153-167 '56.

FURALDEHYDE

Concentration of furfurol in the vapors from hydrolyzate evaporation without expending heat. N. V. Chalov and others. Gidroliz. i lesokhim. prom. 9 no. 6:8-10 '56.

Polarographic determining of furfurole. IA. E. Ekster. Sad. vin. Mold. 11 no. 4:50-53 Jl-Ag '56.

FURMANOV, DMITRII ANDREEVICH, 1891-1926

Problem of the affirmative hero in "Chapaev." M. S. Hurlady. Nauk. zap. L'viv. un. 24:5-31 '53.

FURNACES

Burning Transcarpathian lignite in furnaces with shaft-type impact mills. N. M. Platyshkin, G. I. Savvakin. Energetik 4 no. 9:29-31 S '56.

Coal dust combustion in cyclone furnaces with air-cooling and top venting of gases. B. D. Katsnel'son, A. A. Shatil'. Energomashinostroenie no. 8:5-10 Ag '56.

Cyclone-rotation furnace for the burning of unprocessed milled peat. V. D. Kudrin. Tekst. prom. 16 no. 8:45-46 Ag '56.

Feeders of new construction for VKhZ furnaces. V. V. Siniavskii. Khim. prom. no. 3:167-169 Ap-My '56.

Operating characteristics for shaft pulverizer furnace with cyclone burners. I. K. Barshtein, M. M. Rubin. Energomashinostroenie no. 9:1-5 S '56.

Operation of furnaces with shaft-type impact mills using coal from the Moscow area. V. N. Bereznegovskaia. Energetik 4 no. 8:39 Ag '56.

Particularities of fuel combustion in shaft sifting furnaces. N. P. Tabunshchikov. Khim. prom. no. 3: 139-141 Ap-My '56.

Principles of furnace design. N. N. Dobrokhotov. Trudy Inst. isp. gaza AN URSR 2:5-16 '54.

Rapid combustion fire chambers are fuel savers. Strol. mat., izdel. i konstr. 2 no. 8:15-16 Ag '56.

Reducing heat loss and prolonging the service period of tube furnaces. A. A. Akhmedzade. Azerb. neft. khoz. 35 no. 6:28-30 Je '56.

Switching heating furnaces from solid fuel to gas. Gaz. prom. no. 10:29-30 O '56.

FURNACES—CONSTRUCTION

Using two-story brick heating furnaces. Biul. strol. tekh. 13 no. 8:33-34 Ag '56.

FURNACES, HEAT TREATING

Control systems using high-frequency circuits in hardening equipment. S. N. Sizov. Prom. energ. 11 no. 7:5-6 Jl '56.

FURNITURE INDUSTRY
(see also subdivision under Bryansk Province; Hungary; Kiev; Uzhgorod; Saratov; Tallinn)

Conference on progressive technology in the production of furniture. A. S. Glebov. Der. prom. 5 no. 8:24-25 Ag '56.

Finishing beech to resemble more valuable types of wood. V. A. Fadeev. Der. prom. 5 no. 8:19 Ag '56.

Furniture industry and tasks for the Academy of Building and Architecture of the U. S. S. R. V. G. Andreevskii. Der. prom. 5 no. 8:16 Ag '56.

Industrial use of furniture panels with sawdust cores. V. I. Zverev, L. N. Brodskii. Der. prom. 5 no. 8:18-19 Ag '56.

Use of M-4 and MFS-1 resins in the manufacture of furniture. I. S. Apakin, K. K. Arsen'ev, A. IA. Urpin. Der. prom. 5 no. 8:17-18 Ag '56.

FURUNCULOSIS

Furunculosis in horses in Arctic regions. N. S. Bazhanov. Veterinariia 33 no. 9:43-45 S '56.

FUSES, ELECTRIC see Electric fuses

GABBRO see subdivision under Pyatnya Ivanovka

GAIDAR, ARKADII PETROVICH, 1904-1941

The horseman with the red star. B. Sarnov. Pioner no. 10:65-70 O '56.

The talent of Arkadii Gaidar. O. Grudtsova. Sem'ia i shkola 11 no. 10:28-30 O '56.

GALAXY see Milky Way

GALICIA—HISTORY

Colonial status of Galicia in the Austro-Hungarian state. V. K. Osechyns'kyi. Nauk. zap. L'viv. un. 36:35-65 '55.

Influence of the revolutionary movement at the end of the 19th and the beginning of the 20th centuries in Russia on the revolutionary liberation struggle of Galician workers. V. K. Osechyns'kyi. Nauk. zap. L'viv. un. 25:27-46 '53.

GALICIA—PEASANT UPRISINGS

Ivan Franko's attitude toward the Polish peasant movement in Galicia. Krzysztof Dunin-Wasowicz. Nauk. zap. Inst. ist. AN URSR 8:139-160 '56.

GALICIA—SOCIAL CONDITIONS—HISTORY

Information from Galicia; symptoms of demoralization in Galician society. Ivan Franko. Zhovten' 6 no. 8: 78-92 Ag '56.

GALL see Bile

GALL BLADDER

Effect of Dzhermuk mineral water on the motor function of the gall bladder. S. A. Mirzoian, S. V. Doviatian. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:18-22 Jl-S '56.

GALL BLADDER—DISEASES

Kondrat'ev, V. A. [Advice for the patient suffering from cholecystitis and gallstones] Sovety bol'nomu kholetsistitom i zhelchnokamennoi bolezn'iu. Moskva, Medgiz, 1954. 22 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DAFM)

GALL BLADDER—RADIOGRAPHY

Intravenous cholangiocholecystography. E. M. Kagan, I. A. Shekhter. Klin. med. 34 no. 5:43-49 My '56.

GALL BLADDER—SURGERY

Late results of surgery in cholecystitis. Khirurgiia 32 no. 6:43-49 Je '56.

GALL GNATS

New species of gall gnat (Diptera, Itonididae) in the U. S. S. R. P. I. Marikovskii. Ent. obozr. 35 no. 1:184-195 '56.

GALL SICKNESS see Anaplasmosis

GALLERIES (ART) see subdivision 'Art—Galleries and museums' under Leningrad; Moscow

GALLERIES AND MUSEUMS see subdivision under Sluisk

GALLFLIES
(see also subdivision under Kiev)

Possibility for using peculiarities of head structure in identification of gallflies' (Itonididae, Diptera) [with English summary in insert]. B. M. Mamaev. Zool. zhur. 35 no. 8:1186-1192 Ag '56.

GALLIC ACID—SPECTRA

Phosphorescence spectra of some aromatic acids at liquid air temperature. B. A. Platnitskii. Dokl. AN SSSR 109 no. 3:503-506 Jl '56.

GAMBUSIA see subdivision under Georgia

GAME AND GAME BIRDS
(see also subdivision under Kirghizistan; Mamlyut District)

Attention, I am shooting! Sov. Soiuz no. 10:24-25 O '56.

GAME AND GAME BIRDS—PERIODICALS

"Okhota i okhotnich'e khoziaistvo," nos. 1-3, 1955. Reviewed by V. N. Skalon. Zool. zhur. 35 no. 8:1267-1268 Ag '56.

GAME LAWS

Results of prohibiting spring hunting. K. Kulikov, K. Urmanov. Okh. i okh. khoz. no. 9:16 S '56.

GAME PRESERVES see subdivision under Zavidovskiy District

GAME PROTECTION
(see also subdivision under Tula Province)

For better management in dog keeping. N. Grave. Okh. i okh. khoz. no. 8:58-59 Ag '56.

Honorable duty of game management specialists. Okh. i okh. khoz. no. 6:3-5 Ag '56.

Roadside signs. N. Kochatkov. Okh. i okh. khoz. no. 9: 21 S '56.

Taking care of animals. Okh. i okh. khoz. no. 9:22 S '56.

GAME PROTECTION—CONGRESSES

Conference of game management workers. Okh. i okh. khoz. no. 8:8-10 Ag '56.

GAME PROTECTION—STUDY AND TEACHING

Future game management workers. V. Zharov. Okh. i okh. khoz. no. 8:60 Ag '56.

Pay more attention to game management. N. V. Nikso-Nikochio. Okh. i okh. khoz. no. 8:60 Ag '56.

GAMES

"Educational games in the kindergarten." O. I. Sorokina. Reviewed by O. Vertyporokh. Doshk. vykh. 17 no. 9: 46-47 S '56.

A game. Biarozka 32 no. 10:26 O '56.

Gymnastics and motion games in a younger group. M. Sheiko. Doshk. vykh. 17 no. 9:10-16 S '56.

GAMMA RAYS

Correlation of polarization and directional emission of gamma quanta from $Co^{60}$ and $Na^{24}$. I. V. Estulin, V. S. Popov, F. E. Chukreev. Zhur. eksp. i teor. fiz. 30 no. 6:1052-1057 Je '56.

Effect of gamma and X rays on selenium rectifiers. G. B. Abdullaev, M. A. Talibi. Dokl. AN Azerb. SSR 12 no. 7:435-439 '56.

Inner conversion of gamma rays with pair generation. G. M. Garibian. Dokl. AN Arm. SSR 15 no. 5:129-133 '52.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Gamma irradiation of large masses of products using moving preparations. G. B. Radzievskii. Biofizika 1 no. 5:463-471 '56.

Using gamma rays for weighing fish in waters and determining the concentration of solutions. I. I. Teslin. Ryb. khoz. 32 no. 8:79-83 Ag '56.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Changes in conditioned reflex activity in mice caused by beta and gamma radiation. IE. M. Samundzhan. Fiziol. zhur. [Ukr.] 2 no. 3:144-154 My-Je '56.

Changes in serum albumin following in vivo and in vitro irradiation with gamma rays [with German summary in insert]. IA. A. Epshtein, E. A. Zabozlaeva. Biokhimiia 21 no. 4:499-502 Jl-Ag '56.

Effect of gamma rays from a 20 Mev. betatron and from $Co^{60}$ on the cellular elements and blood sugar in rabbits. P. F. Soldatenkov, V. A. Kostromskaia, K. K. IAkovleva. Dokl. AN SSSR 108 no. 6:1065-1068 Je '56.

GANGS

Masters of the streets. IUr. Lymar. Ukraina no. 19: 17 O '56.

GARAGES
(see also subdivision under Moscow)

Mechanical opening of garage doors. A. Tobolovskii. Avt. transp. 34 no. 8:18-19 Ag '56.

GARCIA LORCA, FEDRICO, 1899-1936

Federico Garcia Lorca. A. Shtein. Teatr 17 no. 8: 190-191 Ag '56.

GARDEN ARCHITECTURE see Landscape gardening

GARDENING
(see also subdivision under White Russia)

Gardening and horticulture of workers and employees. Sov. profsoiuzy 4 no. 9:91-92 S '56.

Korchagina, V.A. [Agricultural work of pupils in children's homes; classes 1 and 2] Sel'skokhoziaistvennyi trud vospitannikov detskogo doma; I i II klassy. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956, 35 p.

Letters from collective farms. Kolkh. proizv. 16 no. 9: 46 S '56.

GARDENING—BIBLIOGRAPHY see Bibliography—Gardening

GARLIC—THERAPEUTIC USE

Garlic preparations in the prophylaxis and treatment of influenza and acute catarrhs of the upper respiratory tract. V. M. Korotkov. Fel'd. i akush. 21 no. 9:5-7 S '56.

GAS—ANALYSIS see Gases—Analysis

GAS, NATURAL
(see also subdivision under Moscow; Ukraine)

Blue flames. IU. Bokserman. Znan. sila 31 no. 9:13-17 S '56.

Calculating bottom pressure according to the value of static pressure computed at the head of a gas well. G. V. Ponomarev. Gaz. prom. no. 9:3-7 S '56.

Conditions for gas and oil entrance into drilling fluid during well drilling. E. M. Geller. Geokhim. met. poisk. nefti i gaza no. 2:141-160 '54.

Formation of gaseous products during the biochemical decomposition of organic matter of ooze, peat, soil, and rocks. E. N. Bokova. Geokhim. met. poisk. nefti i gaza no. 2:59-67 '54.

Gas condensate content of formation VII of the Karadag deposits. N. G. Semin. Gaz. prom. no. 10:7-8 O '56.

Gas condensate reservoirs. A. S. Velikovskii, V. V. IUshkin. Gaz. prom. no. 10:1-6 O '56.

Geochemical methods of prospecting for petroleum and gas. B. P. IAsenov. Neft. khoz. 34 no. 8:49-53 Ag '56.

Natural gas heating in vegetable hothouses. Gaz. prom. no. 8:26-27 S '56.

Origin of hydrogen in gases extracted during water-gas and gas core surveys, and during gas logging. A. M. Levit. Geokhim. met. poisk. nefti i gaza no. 2:26-33 '54.

GAS, NATURAL—ANALYSIS

GST-2 gas analyzer for determining gas composition while conducting gas logging. B. V. Vladimirov. Neft. khoz. 34 no. 8:61-64 Ag '56.

GAS, NATURAL—GEOLOGY

Useful book ("Prospecting and exploring for oil and gas pools." M. V. Abramovich. Reviewed by S. Salaev). Azerb. neft. khoz. 35 no. 5:34-35 My '56.

GAS, NATURAL—PIPELINES

Construction of the gas pipeline Stavropol'-Moscow. Gor. khoz. Mosk. 30 no. 7:38 Jl '56.

GAS AND OIL ENGINES

Effect of running-in conditions on the durability of engines. R. V. Kugel'. Vest. mash. 36 no. 9:29-32 S '56.

Effective running-in improves engine efficiency. N. P. Voinov. Vest. mash. 36 no. 9:32-33 S '56.

Efficient running-in of engines; conclusions drawn from discussions. Vest. mash. 36 no. 9:28 S '56.

Investigating the gas exchange in two-cycle engines. A. S. Orlin. Energomashinostroenie no. 9:13-14 S '56.

Review of the book "Internal combustion engines." Edited by A. S. Orlin, N. S. Khanin and others. Avt. i traktor. prom. no. 7:45-46 Jl '56.

GAS AND OIL ENGINES—COOLING

Improving the operation of the V-2 engine. A. A. Ruskevich. Energetik 4 no. 8:21-22 Ag '56.

GAS AND OIL ENGINES—VIBRATION

Test use of a silicone torsional vibration damper. V. Z. Karas', A. A. Ravkind. Vest. mash. 36 no. 8:18-21 '56.

GAS APPLIANCES

Automatic draft signal for gas flues of water heaters activated by rarification. S. P. Sladkov, E. S. Makhover. Gor. khoz. Mosk. 30 no. 7:13-15 Jl '56.

Improve the servicing of gas-operated equipment in apartment houses. A. D. Makarov. Gor. khoz. Mosk. 30 no. 7:9-10 Jl '56.

GAS AS FUEL

Conversion of VNIISTO small cast-iron household heating boilers to gas fuel. D. IA. Vigdorchik and others. Gaz. prom. no. 9:17-22 S '56.

Determining the efficiency of using gas in steam boilers. A. A. Avdeeva. Gaz. prom. no. 9:13-17 S '56.

GAS BURNERS

Burners for Moscow city gas. A. I. Aleksandrovich. Gaz. prom. no. 10:14-18 O '56.

GAS-CONDENSATE WELLS see Condensate oil wells

GAS DISTRIBUTION

Gas supply for standard apartments. A. L. Gerasimov, A. S. Surkin. Gaz. prom. no. 10:24-25 O '56.

Simplifying the design and construction of gas distribution lines. A. A. Narimanov. Gaz. prom. no. 10:26-27 O '56.

Supercharging in compressor pipeline stations. S. A. Khachaturian. Gaz. prom. no. 9:28-32 S '56.

GAS FLOW

The principle of least flow potential. V. I. Skobelkin. Dokl. AN SSSR 108 no. 5:787-790 Je '56.

GAS INDUSTRY

For further development of the gas industry. Gaz. prom. no. 9:1-2 S '56.

GAS MANUFACTURE AND WORKS
(see also subdivision under Moscow)

Odorizing gas. M. V. Aristarkhova. Gor. khoz. Mosk. 30 no. 7:15-17 Jl '56.

GAS MANUFACTURE AND WORKS—APPARATUS

Comments on A. M. Levin's article "Gas industry." Gaz. prom. no. 9:22-26 S '56.

GAS METERS

Method for restoring corroded standard gas meters. V. I. Voronin. Gaz. prom. no. 10:27-29 O '56.

GAS PIPES

Calculating gas pipes for the interior of houses. N. F. Podkopaev, D. IA. Vigdorchik, I. I. Marisinkovskii. Gaz. prom. no. 10:18-24 O '56.

GAS PRODUCERS

Characteristics of the operating cycle of G-58 gas generator. I. N. Veitchkin. Vest. mash. 36 no. 8:6-11 '56.

Gas producer for gasification of wood wastes. V. A. Liamin. Gidroliz. i lesokhim. prom. 9 no. 6:11-12 '56.

Improving the system of peat gasification in power installations. A. T. Tishchenko. Torf. prom. 33 no. 6:23-26 '56.

GAS TURBINES

Using excess-pressure blast-furnace gas in gas turbines. B. V. Sazanov. Metallurg no. 9:1-3 S '56.

GAS TURBINES—BLADES

Determining the ranges of transition from cylindrical to twisted blading in the stages of steam and gas turbines. A. M. Zavadovskii. Energomashinostroenie no. 8:13-15 Ag '56.

GAS WELDING AND CUTTING

Electrode holders for gas welding. Sel'khozmashina no. 8:32 Ag '56.

Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. [Gas-flame working of metals] Gazoplamennaia obrabotka metallov; trudy Vsesoiuznoi nauchno-tekhnicheskoi konferentsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956, 182 p.

GASCAR, PIERRE, 1917-

On a new path ("The seed" (in French). Pierre Gascar. Reviewed by N. Balashov). Inostr. lit. no. 9:198-201 S '56.

GASES

Comparative absorption characteristics of swampy ores of Leningrad Province, the Tukan deposits and industrial by-products of the Sterlitamak Soda Plant. IU. D. Kernos, N. I. Brodskaia, V. P. Teodorovich. Gaz. prom. no. 10:9-13 O '56.

Rectification-ash purification of gas. M. D. Zimin. Gaz. prom. no. 9:32-39 S '56.

GASES—ABSORPTION AND ADSORPTION

Adsorption of benzene and toluene vapors on a mercury surface. G. A. Petrova, N. A. Izmailov. Nauch. zap. LPI no. 29:16:24 '55.

Adsorption of heptane, carbon tetrachloride and acetone vapors on the surface of mercury. G. A. Petrova, N. A. Izmailov. Nauch. zap. LPI no. 29:35-46 '55.

Adsorption of methyl, ethyl, N-propyl and isopropyl alcohol vapors on the surface of mercury. G. A. Petrova, N. A. Izmailov. Nauch. zap. LPI no. 20:25-34 '55.

GASES—ANALYSIS

Chromatographic separation and analysis of gases. A. A. Zhukhovitskii, N. M. Turkel'taub. Usp. khim. 25 no. 7:859-871 Jl '56.

Production in lots of gas analysing instruments. I. A. Kudachkov. Vest. mash. 36 no. 6:80-81 Je '56.

Selectivity and sensitivity of infra-red gas analysers. A. O. Sall'. Priborostroenie no. 9:12-15 S '56.

GASES—BIBLIOGRAPHY see Bibliography—Gases

GASES—VISCOSITY see Viscosity

GASES, ELECTRIC DISCHARGES THROUGH see Electric discharges through gases

GASES, KINETIC THEORY OF

Approximate formulae for the pressure and internal energy of a gas in the generalized statistical model of the Thomas-Fermi atom. N. N. IAnenko. Dokl. AN SSSR 109 no. 5:916-918 Ag '56.

GASES, RARE

Copper in the elimination of oxygen from a mixture containing inert gases. N. S. Torocheshnikov and others. Khim. prom. no. 4:224-230 Je '56.

Discovery of inert gases in meteorites and their isotopic composition. E. K. Gerling. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:57-60 '55.

Using dunite for thorough removal of oxygen from inert gases. R. E. Esenberlin. Khim. prom. no. 4:244-245 Je '56.

GASES IN METALS

Controlling the absorption of hydrogen by aluminum silicon alloys after chlorination. S. V. Vargin. Trudy Ural. politekh. inst. no. 60:144-158 '56.

Mechanics of flake formation in steel. V. S. Mes'kin. Stal' 16 no. 8:727-734 Ag '56.

Mechanics of flake occurrence. V. F. Loshkarev. Stal' 16 no. 8:734-737 Ag '56.

Nitrogen diffusion in chromium and manganese steel alloys. A. G. Lesnik, P. I. Nekrashevich, V. Sfrik. Nauk. zap. Kiev. un. 14 no. 8:125-126 '55.

Removal of hydrogen from aluminum alloys. V. G. Korotkov. Trudy Ural. politekh. inst. no. 60:170-177 '56.

GASES IN THE BLOOD see Blood, Gases in

GASIFICATION OF COAL see Coal gasification

GASOLINE

More about ethyl gasoline. I. Shor. Kinomekhanik no. 8: 40-41 Ag '56.

GASOLINE—STORAGE

Thermal conditions of a gas space in a gasoline storage tank. I. A. Charnyi, V. I. Chernikin. Trudy MNI no. 17:169-178 '56.

GASOLINE CONSUMPTION OF AUTOMOBILES see Automobiles—Fuel consumption

GASSENDI, PIERRE, 1592-1655

Aristotelians deprived themselves of the freedom to philosophized in vain. Pierre Gassendi. Vop. filos. no. 4:137-145 '56.

GASTRIC JUICE

Mechanism of secretion of proteins with gastric juice. V. M. Rubel'. Vop. med. khim. 2 no. 3:163-168 My-Je '56.

Motor function of the jejunum. M. I. Neporent. Khirurgiia 32 no. 6:34-37 Je '56.

Total nitrogen in gastric juice before and after vagotomy. G. A. Gzirishvili. Soob. AN Gruz. SSR 17 no. 6:545-548 '56.

GASTROSTOMY see Stomach—Surgery

GAUGES

How to make a hydrostatic draft gauge. Z. Rusakov. Mor. flot 16 no. 9:24 S '56.

Thickness gauge for footwear parts. A. A. Afanas'ev, N. G. Potashin. Leg. prom. 16 no. 7:40-42 Jl '56.

GAUSS, KARL FRIEDRICH, 1777-1855

K. F. Gauss and the Derpt-Yuryev University. I. IA. Depman. Vop. ist. est. i tekh. no. 1:241-245 '56.

K. F. Gauss's work in the field of astronomy and geodesy. M. F. Subbotin. Vop. ist. est. i tekh. no. 1:64-69 '56.

K. F. Gauss's work in the geometry of surfaces. A. V. Pogorelov. Vop. ist. est. i tekh. no. 1:61-63 '56.

K. F. Gauss's work on the theory of numbers and algebra. B. A. Venkov. Vop. ist. est. i tekh. no. 1:54-60 '56.

Karl Friedrich Gauss. K. A. Rybnikov. Vop. ist. est. i tekh. no. 1:44-53 '56.

A new book on Gauss ("Karl Friedrich Gauss." Erich Worbs. Reviewed by A. P. IUshkevich). Vop. ist. est. i tekh. no. 1:299-301 '56.

GAZELLES

Persian gazelles. G. Ishunin. Okh. i okh. khoz. no. 8:21-23 Ag '56.

GAZELLES—DISEASES AND PESTS

Warble flies (Diptera, Hypodermatidae) of the goitered gazelle (Gazella subgutturosa Gueld.) [with summary in German]. K. IA. Grunin. Ent. oboz. 35 no. 3:716-723 '56.

GEAR CUTTING

Attachment for cutting rack-teeth on gear-shaping machines. G. A. Brudnoi. Vest.mash. 36 no. 8:68-69 '56.

Cutting and shaving helical conical gears. P. Sh. Gekht. Vest. mash. 36 no. 8:37-41 '56.

Cutting internal gears on slotting machines by the single-cutter generating process. M. M. Gokhberg. Stan. i instr 27 no. 7:40-41 Jl '56.

Liquid spray cooling in gear cutting. M. A. Sazar. Avt. i trakt. prom. no. 8:34-35 Ag '56.

Using the radial undercut technique in gear cutting. V. P. Filatov, T. IU. Rotnitskaia. Stan. i instr. 27 no. 7: 27-30 Jl '56.

Using the radial undercut technique in gear cutting. Venin. Stan. i instr. 27 no. 7:31 Jl '56.

GEARING

The 3K planetary gears. V. N. Kudriavtsev. Vest. mash. 36 no. 8:11-17 '56.

Using involute-tooth profiles for wheel trains used in watches. O. F. Tishchenko. Priborostroenie no. 9:15-19 S '56.

GEESE—FEEDING AND FEEDING STUFFS

Feeding silage to ducks and geese. A. U. Bykhovets'. Sots. tvar. 28 no. 10:35-37 O '56.

GEKHTMAN, GEORGII NIKOLAEVICH, 1870-

Georgii Nikolaevich Gekhtman; on the occasion of his 65th birthday. G. I. Zardalishvili, V. L. Abulov. Izv. Vses. geog. ob-va 88 no. 4:393 Jl-Ag '56.

GELSENKIRCHEN, GERMANY—DISTILLATION APPARATUS

Central distillation apparatus in Gelsenkirchen ("Erdöl und Kohle" Vol. 8 no. 12 1955). E. Ch. Koks i khim. no. 5:64 '56.

GEMMATION (BOTANY) see Plants—Reproduction

GENERALIZED SPACES see Spaces, Generalized

GENERATION, SPONTANEOUS see Spontaneous generation

GENERATIVE ORGANS

Structure of the reproductive system in Coitococcum skrjabini Iw. 1928. V. P. Koval'. Nauk. zap. Kiev. un. 8 no. 3:91-97 '49.

GENERATIVE ORGANS—TRANSPLANTATION

Practice in developing methods for the homogeneous transplantation of sexual glands in domesticated water fowl. P. A. Khranovs'kyi. Nauk. zap. Kiev. un. 13 no. 6:111-122 '54.

GENERATIVE ORGANS, FEMALE

Morphological structure of appendixes of the female genital apparatus of horseflies (Diptera, Tabanidae). A. A. Shtakel'berg, A. E. Terterian. Dokl. AN SSR 16 no. 2: 53-54 '53.

GENERATIVE ORGANS, MALE

On the inheritance of hypertrophy of the sexual glands in males of Coregonus albula ladogensis hybrids. I. G. Shchupakov, L. N. Kharchenko. Dokl. AN SSSR 108 no. 5:948-951 Je '56

GENERATIVE ORGANS, MALE—ABNORMITIES AND DEFORMITIES

A case of microcephaly with absence of the pineal gland and underdeveloped genital organs. N. S. Sysak. Probl. endok. i gorm. 2 no. 2:121-124 Mr-Ap '56.

GENERATORS, ELECTRIC see Electric generators

GENETICS

New book on Michurin genetics ("Fundamental problems in Michurin genetics." N. I. Feiginson. Reviewed by F. I. Filatov). Izv. AN SSSR, Ser. biol. no. 4:139-143 Jl-Ag '56.

GENEVA—RADIATION—CONGRESSES

Conference of the International Commission for Protection Against Ionizing Radiation (April 3-11, 1956, Geneva). M. N. Pobedinskii. Biofizika 1 no. 5:495-498 '56.

GENEVA—RED CROSS

At the session of the Executive Committee of the League of Red Cross Societies. Sov. kras. krest 6 no. 4:26 Jl-Ag '56.

GENITOURINARY ORGANS—DISEASES

Treating urological patients. Z. V. Spiridonova. Med. sestra 15 no. 8:16-19 Ag '56.

GEOBOTANY see Phytogeography

GEOCHEMICAL PROSPECTING
(see also subdivision under Kerch Peninsula; Volga Valley)

Conducting gas analysis of cores and luminescence study of bituminosity in swampy areas. M. I. Subbota. Geokhim. met. poisk. nefti i gaza no. 2:79-88 '54.

Geochemical methods of prospecting for petroleum and gas. B. P. IAsenev. Neft. khoz. 34 no. 8:49-53 Ag '56.

Study of the oxidation-reduction potential of soils and subsoils for petroleum prospecting purposes. P. S. Stavin. Geokhim. met. poisk. nefti i gaza no. 2:103-110 '54.

GEOCHEMISTRY
(see also subdivision under Viluy Valley)

Cherdyntsev, V. V. [Distribution of chemical elements] Rasprostranennost' khimicheskikh elementov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 360 p.

Geochemical mobility of elements from experimental data. L. N. Ovchinnikov. Dokl. AN SSSR 109 no. 1: 141-143 Jl-Ag '56.

Geological and geochemical role of the processes in biogenesis. K. L. Lukashou. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:65-75 '56.

Lichens as indicators of lithological and geochemical conditions in deserts. S. V. Viktorov. Vest. Mosk. un. 11 no. 5:115-119 My '56.

GEODESY
(see also subdivision under Ukraine)

Brief news. Geod. i kart. no. 1:79-80 Mr '56.

Brief news. Geod. i kart. no. 2:79 Ap '56.

Brief news. Geod. i kart. no. 3:79 My '56.

Brief news. Geod. i kart. no. 4:77-80 Je '56.

Develop the movement of efficiency promoters and inventors in geodesy and cartography. Geod. i kart. no. 3:3-7 My '56.

"Geodimetr"; geodetical instrument. Radio no. 8:56 Ag '56.

Impending scientific research problems in the fields of geodesy and cartography. Geod. i kart. no. 4:3-9 Je '56.

Improving work organization is one of the decisive factors in increasing the productivity of topographic and geodetic surveys. Geod. i kart. no. 2:3-7 Ap '56.

K. F. Gauss's work in the field of astronomy and geodesy. M. F. Subbotin. Vop. ist. est. i tekh. no. 1:64-69 '56.

Methods and processes for solving direct and inverse geodetic problems on a plane. E. G. Larchenko. Geod. i kart. no. 1:59-64 Mr '56.

Tasks in the fields of geodesy and cartography in the sixth five-year plan. Geod. i kart. no. 1:3-9 Mr '56.

GEODESY—ABSTRACTS

[Astronomy and geodesy; abstracts nos. 5364-5936] Referativnyi zhurnal: Astronomiia i geodeziia no. 10 O '56.

[Astronomy and geodesy; abstracts nos. 5939-6586] Referativnyi zhurnal: Astronomiia i geodeziia no. 11 N '56.

GEODESY—BIBLIOGRAPHY see Bibliography—Geodesy

GEODESY—PERIODICALS see subdivision under Czechoslovakia

GEOGRAPHY
(see also subdivision under Mexico)

Geograficheskoe obshchestvo SSSR. [Problems in geography; a collection of articles for the 18th International Geographical Congress] Voprosy geografii; sbornik statei dlia XVIIIgo Mezhdunarodnogo geograficheskogo kongressa. Moskva, Izd-vo Akademii nauk SSSR, 1956. 394 p.

"In memory of Academician L. S. Berg: Collected works on geography and biology." Reviewed by G. D. Rikhter. Izv. AN SSSR. Ser. geog. no. 4:142-143 Jl-Ag '56.

The most important tasks of Soviet geography in connection with directives of the 20th Congress of the Communist Party of the Soviet Union. V. B. Sochava. Izv. Vses. geog. ob-va 88 no. 4:309-315 Jl-Ag '56.

The objective laws of geography as a science. S. L. Lutskii. Dop. ta pov. L'viv. un. no. 5, pt. 2:53-55 '55.

GEOGRAPHY—ABSTRACTS

[Geography; abstracts nos. 18429-20145] Referativnyi zhurnal: Geografiia no. 9 S '56.

GEOGRAPHY—AUDIO-VISUAL AIDS

Working with geographical pictures. V. A. Raush. Geog. v shkole 19 no. 4:32-39 Jl-Ag '56.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—CONGRESSES

International geographical congresses. I. P. Gerasimov, V. V. Pokshishevskii. Izv. AN SSSR, Ser. geog. no. 4: 4-15 Jl-Ag '56.

GEOGRAPHY—PERIODICALS

"Izvestiia" of the Eastern Siberian division of the Geographic Society of the U. S. S. R. Vol. 56, 1954. Reviewed by B. G. Ioganzen, T. P. Slavnina. Izv. Vses. geog. ob-va 88 no. 4:404-405 Jl-Ag '56.

GEOGRAPHY—RESEARCH

In the Department of Geography. T. V. Zvonkova. Vest. Mosk. un. 11 no. 5:152-153 My '56.

GEOGRAPHY—SOCIETIES see subdivision under Lvov

GEOGRAPHY—STUDY AND TEACHING
(see also subdivision under France)

Articles of E. N. Kabanova-Meller "Student learning and application of geographical area concepts" and "Student learning and application of the system of geographical concepts." Articles reviewed by A. Matveeva. Geog. v shkole 19 no. 4:71-73 Jl-Ag '56.

Committee on regional studies and tourism. L. P. Shubaev. Izv. Vses. geog. ob-va 88 no. 4:422-423 Jl-Ag '56.

"One hundred visual aids and devices for geography." A. D. Sysoev. Reviewed by F. Novomar'evskii. Geog. v shkole 19 no. 4:73-74 Jl-Ag '56.

[Regional studies in the school; a collection of articles] Kraevedenie v shkole; sbornik statei. [Gor'kii] Gor'kovskoe kn-vo, 1953. 97 p.

The teacher's story in geography lessons. G. I. Popov-Presnov. Geog. v shkole 19 no. 4:25-31 Jl-Ag '56.

Teaching geography in the 1956/1957 school year. V. A. Tutochkina. Geog. v shkole 19 no. 4:1-5 Jl-Ag '56.

Visual aids in the teaching of geography. I. I. Samoilov. Izv. Akad. ped. nauk RSFSR no. 56:45-67 '54.

GEOGRAPHY, ASTRONOMICAL see Astronomical geography

GEOGRAPHY, ECONOMIC
(see also subdivision under Russia, Northern; Vologda; also subdivision 'Economic geography' under Kazakhstan; Khanti-Mansi National Area; Siberia; Ukraine; White Russia)

Distribution of productive forces of the U. S. S. R. in the sixth five-year plan and tasks of economic geography. V. F. Vasiutin. Izv. AN SSSR. Ser. geog. no. 4:60-75 Jl-Ag '56.

"Introduction to economic geography," part I. M. S. Volobuev-Artemov. Reviewed by M. A. Izmailov. Izv. Vses. geog. ob-va 88 no. 4:397-399 Jl-Ag '56.

Work on regional economic geography of the U. S. S. R. S. N. Riazantsev, Z. G. Freikin. Izv. AN SSSR. Ser. geog. no. 4:167-168 Jl-Ag '56.

GEOGRAPHY, HISTORICAL see subdivision under Ukraine

GEOGRAPHY, MEDICAL see Medical geography

GEOGRAPHY, PHYSICAL see Physical geography

GEOLOGICAL RESEARCH—HISTORY

Historical periods in the study of the geological structure of the U. S. S. R. O. Einor. Nauk. zap. Kiev. un. 13 no. 4:77-88 '54.

GEOLOGICAL SURVEYS see subdivision under White Russia

GEOLOGICAL TIME

Constant decay of radioactive elements used for determining geological age. I. K. Zadorozhnyi, S. I. Zykov. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:67-76 '55.

Emanation of minerals and determination of the absolute geological age. N. D. Kosov, V. V. Cherdyntsev. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:22-26 '55.

X-ray measurement study of the suitability of monazites for determining the geological age. K. K. Zhirov, V. V. Kurabatov. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:53-56 '55.

GEOLOGY
(see also subdivision under Antarctic regions; Gorkiy Province; Kuznetsk Basin; Poland)

General meeting of the Department of Geological and Geographical Sciences. Izv. AN SSSR. Ser. geol. 21 no. 6:127 Je '56.

Geology in Agricola's works. V. V. Tikhomirov, IU. IA. Solov'ev. Vop. ist. est. i tekh. no. 1:140-150 '56.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—HISTORY

A conference on the history of geology. I. V. Batiushkova. Vop. ist. est. i tekh. no. 1:312-314 '56.

Levites, IA. M. [Historical geology and the principles of paleontology] Istoricheskaia geologiia s osnovami paleontologii. Moskva, Gos. nauchno-tekhn. izd-vo, lit-ry, po geol. i okhrane nedr, 1956. 314 p.

GEOLOGY—STUDY AND TEACHING
(see also subdivision under Donets Basin)

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Akstafachay Valley; Apsheron Peninsula; Atasuyskiy region; Baku Archipelago; Bartaz Hills; Crimea; Donets Basin; Donets Ridge; Donetskyi Kryazh; Karaganda Basin; Kerch Peninsula; Khram Valley; Mongolia; Russian Platform; Siberian Platform; Timan Ridge; Transbaikalia; Tuva Autonomous Province; Ukraine; Ural Mountains; Vanch Range; Vedi Valley; Volga Valley; Vyatka Valley)

Developmental history of the surface-water network in the northeastern regions of the European part of the U. S. S. R. E. F. Stankevich. Dokl. AN SSSR 109 no. 1: 187-189 Jl-Ag '56.

K. I. Lukashev's book "Main genetic types of Quaternary deposits in the U. S. S. R." Reviewed by V. A. Obruchev. Izv. AN SSSR. Ser. geol. 21 no. 7:115-116 Jl '56.

GEOLOGY, STRATIGRAPHIC (Continued)

The oldest parts of the earth's crust. G. V. Voitkevich. Priroda 45 no. 9:89-92 S '56.

Separation of the lower Triassic system into divisions. L. D. Kiparisova, IU. N. Popov. Dokl. AN SSSR 109 no. 4:842-845 Ag '56.

GEOLOGY, STRUCTURAL

(see also subdivision under Ararat region; Azerbaijan; Dnieper Valley; Gissar Range; Polessk; Shirvan Steppe; Stryy Valley; Tajik Depression; Turkmenistan; Volyn-Podolian Upland)

"Practical handbook on structural geology and geological mapping." N. I. Butalov. Reviewed by S. M. Apresov. Neft. khoz. 34 no. 7:69-71 Jl '56.

Principle of primigeneity in tectonics. A. V. Peive. Izv. AN SSSR, Ser. geol. 21 no. 6:11-19 Je '56.

Selection of parameters for interpreting curves of vertical electrical sounding. V. M. Holovtsyn. Nauk. zap. Kiev. 13 no. 4:161-173 '54.

Vsesoiuznoe soveshchanie po tektonike al'piiskoi geosinklinal'noi oblasti Iuga SSSR, Baku, 1954. [Proceedings of a conference of the tectonics of the alpine geosynclinal region of the southern U. S. S. R.] Trudy soveshchaniia... Baku, Izd-vo Akademii nauk Azerbaidzhanskoi SSR, 1956. 377 p.

GEOMETRY, DESCRIPTIVE

Geometric plotting used for solving problems in descriptive geometry by means of the theory of related correspondence. A. A. Bushnev. Trudy Azerb. ind. inst. no. 8:98-113 '54.

GEOMETRY, DIFFERENTIAL

Rashevskii, P. K. [A course in differential geometry] Kurs differentsial'noi geometrii. Izd, 4-oe, Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 420 p.

GEOMETRY, NON-EUCLIDEAN

Fundamental stages in the development of geometric constructions in a Lobachevskii plane. V. F. Rogachenko. Dop. ta pov. L'viv. un. no. 5, pt. 2:90-93 '55.

GEOMETRY, PROJECTIVE

Projection problems in stereometry. I. S. Blinov. Mat. v shkole no. 5:21-25 S-O '56.

Representation of round bodies by rectangular projections. I. I. Smirnov. Mat. v shkole no. 5:26-29 S-O '56.

GEOPHAGISTS see Dirt-eating

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICS see subdivision under Azerbaijan; Pamirs; Tien Shan

GEOPHYSICS—CONGRESSES see subdivision under Rome

GEORGIA—ALFALFA

Materials on botanical and agronomical characteristics of variegated alfalfa (Medicago polychron Grossh.). V. I. Andrukovich. Bot. zhur. 41 no. 7:1024-1028 Jl '56.

GEORGIA—AMATEUR ART ACTIVITIES

Management of amateur art activities. V. Nodiia, V. Khmeleva. Prof.-tekh. obr. 13 no. 7:27-28 Jl '56.

GEORGIA—CHERRY FRUIT FLY

Biological peculiarities of the cherry fruit fly Rhagoletis cerasi L. in the Georgian S. S. R. [with English summary in insert]. L. P. Kalandadze, A. I. Bargavadze. Zool. zhur. 35 no. 8:1177-1185 Ag '56.

GEORGIA—ETHNOLOGY

Ethnographic Exhibition of Georgia. G. S. Chitaia. Sov. etn. no. 2:106-110 '56.

GEORGIA—FIELD MICE

Characteristic features of the burrow structure of the subterranean vole Prometheomys schaposnikowi. P. P. Gambarian. Dokl. AN Arm. SSR 15 no. 3:85-88 '52.

GEORGIA—GAMBUSIA

Gambusia in the TSkhaltubo waters. N. O. Olenev. Priroda 45 no. 9:116 S '56.

GEORGIA—HYDROELECTRIC POWER STATIONS

Introducing automatic control on the water course of a hydroelectric power station of the Georgian Electric Power Administration. D. Z. Al'terman, Sh. K. Dzhikiia. Gidr. stroi. 25 no. 8:34-39 S '56.

GEORGIA—LEARNED INSTITUTIONS AND SOCIETIES

Tiflis. Muzei Gruzii. [The fourth session of the State Museum of Georgia (May 16, 17, 18, 1956); program and reports] IV Nauchnaia sessiia... (16, 17, 18 maia 1956 g.); plan raboty i tezisy dokladov. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 30 p. [Parallel texts in Georgian and Russian.]

GEORGIA—NEMATODA

New nematodes (Metastrongylus taciauricus, n. sp.) parasiting in wild boars in Georgia. L. I. Kotava. Soob. AN Gruz. SSR 17 no. 6:527-530 '56.

GEORGIA—REINFORCED CONCRETE

"Spongolite" and "spongolite" reinforced concrete; new Georgian building materials, their investigation and prospective use. M. A. IAkubovich. Trudy Inst. stroi. dela AN Gruz. SSR 4:173-197 '53.

GEORGIA—SCALE INSECTS

New species of the genus Puto sign. (Homoptera, Coccoidea) from the mountain regions of Georgia. Z. K. Khadzhibeili. Soob. AN Gruz. SSR 17 no. 6:515-518 '56.

Scale insects (Homoptera, Coccoidea) injurious to oaks in Georgia. Z. K. Khadzhibeili. Ent. oboz. 35 no. 1:50-55 '56.

GEORGIA—SILK MANUFACTURE

The introduction of white cocoon and hybrids cocoons. V. I. Gadakhnbadze, L. M. Tkhelidze. Tekst. prom. 16 no. 8:8 Ag '56.

GEORGIA—TICKS

The tick Ixodes crenulatus Koch and some data on its biology. N. I. Dzhaparidze. Soob. AN Gruz. SSR 17 no. 6:531-536 '56.

GEORGIA—UNDERGROUND CONSTRUCTION

Basic devices for preparing the engineering conditions in constructing underground street water supply and sewerage systems in the populated places of the Georgian S. S. R. [in Georgian with summary in Russian]. L. N. Diasamidze, A. M. Dzhangidze. Trudy Inst. stroi. dela AN Gruz. SSR 4:111-133 '53.

GEORGIA—VOLCANIC ASH, TUFF, ETC.

Experimental investigation of Orkhevi gaize [in Georgian with summary in Russian]. G. A. Dzhikaeva. Trudy Inst. stroi. dela AN Gruz. SSR 3:235-240 '51.

GEORGIA—WATER PIPES—CORROSION

Causes of damage to metal pipes in water pipe lines of the Georgian S. S. R. and protective measures. L. N. Diasamidze, A. M. Dzhangidze. Trudy Inst. stroi. dela AN Gruz. SSR 3:183-211 '51.

GEORGIA—WILD BOARS

New nematodes (Metastrongylus taciauricus, n. sp.) parasiting in wild boars in Georgia. L. I. Kotava. Soob. AN Gruz. SSR 17 no. 6:527-530 '56.

GEORGIAN ARCHITECTURE see Architecture, Georgian

GEORGIAN LANGUAGE

Some Ossetic elements in Georgian. V. I. Abaev. Trudy Inst. iaz. 6:437-441 '56.

GEORGIAN LITERATURE—HISTORY AND CRITICISM

Remarks on Georgian criticism. A. Dement'ev and others. Druzh. nar. no. 9:151-158 S '56.

GERBILS see subdivision under Uzbekistan

GERMAN, IURII PAVLOVICH, 1910-

"Behind prison walls" by IUrii German. Teatr 17 no. 9:118-119 Ag '56.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—FOREIGN WORDS AND PHRASES

Slavic toponyms in the German language of the 12th-18th centuries between the Oder and the Vistula. O. F. Ripets'ka. Nauk. zap. L'viv. un. 30:42-52 '55.

GERMAN LITERATURE—HISTORY AND CRITICISM

Stories about writers and books; The legend about Doctor Faustus. S. L'vov. [Unost' no. 10:96 O '56.

GERMANIUM—ELECTRIC PROPERTIES

Electrical properties of germanium at superlow temperatures. E. I. Abaulina-Zavaritskaia. Zhur. t eor. fiz. 30 no. 6:1158-1160 Je '56.

GERMANIUM—MAGNETIC PROPERTIES

Transverse photomagnetic effect in n- and p- germanium. I. K. Kikoin, IU. A. Bykovskii. Dokl. AN SSSR 109 no. 4:735-736 Ag '56.

GERMANY—CIRCUS

Masters of the German circus. L. Aleksandrau, Belarus' 13 no. 9:19 S '56.

GERMANY—FOREIGN RELATIONS—TURKEY

The German military mission of von der Goltz in Turkey in 1882-1895. A. S. Silin. Uch. zap. po nov. i noveish. ist. no. 2:318-398 '56.

GERMANY—HISTORY

Archive documents and materials on the influence of the first Russian revolution on Germany. A. I. Grinberg. Nauk. zap. Kiev. un. 14 no. 6:111-119 '55.

History of the division of Germany; letter to the editor from Karl Bittel, a German professor. Nov. vrem. 14 no. 38:16-17 S '56.

"The silent rebellion. A report on the resistance movement of the German people, 1933-1945," 2nd ed. [in German]. G. Weisenborn. Reviewed by G. F. Zastavenko. Vop. ist. no. 7:170-172 Jl '56.

GERMANY—LOUD-SPEAKERS

Diffusers for loud-speakers (From "Funk-Technik" No. 8 '56). Radio no. 8:50 Ag '56.

GERMANY—PEAT INDUSTRY

Mechanized drying and harvesting of block peat in Germany. Torf. prom. 33 no. 6:35-36 '56.

GERMANY—PEAT MACHINERY

Machinery for winning block peat in Germany. Torf. prom. 33 no. 6:34 '56.

GERMANY—RADIO—RECEIVERS AND RECEPTION

Miniature radio receiver. Radio no. 8:56 Ag '56.

GERMANY—WORLD WAR, 1939-1945—CONSCRIPT LABOR

Unforgettable. Sofiia Anvaer. Znamia 26 no. 9:114-136 S '56.

GERMANY, EAST—BOUNDARIES—POLAND

Inviolable boundary. Nov. vrem. 14 no. 36:21 Ag '56.

GERMANY, EAST—CINEMATOGRAPHY

Cinematographic conference in Berlin. E. M. Goldovskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:315-316 Jl-Ag '56.

GERMANY, EAST—CULTURE

Struggle for a democratic renewal of national culture in the German Democratic Republic (1945-1953). IU. M. Sheinin. Vop. ist. no. 7:73-84 Jl '56.

GERMANY, EAST—DESCRIPTION AND TRAVEL

Impressions, encounters, acquaintances. S. Delitsiev. Klub 6 no. 9:12-13 S '56.

New Germany. Lev. Bezymens'kyi. Ukraina no. 19:22-23 O '56.

Unforgettable impressions. Liubov Zabashta. Sots. kul't. 10 no. 9:44-45 S '56.

Visiting our German friends. B. Dobin. Belarus' 13 no. 9:14 '56.

GERMANY, EAST—ECONOMIC CONDITIONS

On the right road. Nov. vrem. 14 no. 41:1-2 O '56.

Seventh anniversary of the German Democratic Republic. Johannes Koenig. Sov. Soiuz no. 10:3 O '56.

What is Kurt doing? Lev Ginzburg. Nov. vrem. 14 no. 41:20-23 O '56.

GERMANY, EAST—EDUCATION

Remarkable course of the democratic German school. G. Gurkov. Nar. obr. no. 9:59-65 S '56.

GERMANY, EAST—EDUCATION—PERIODICALS

Tenth anniversary of the periodical "Padagogik." M. A. Sokolova. Sov. pedag. 20 no. 8:78-86 Ag '56.

GERMANY, EAST—FARM BUILDINGS

Construction of a pigsty in the "Neues Leben" Agricultural Cooperative. Arkhit. i bud. 4 no. 2:29 Mr-Ap '56.

GERMANY, EAST—GLUING—ABSTRACTS

Rolls for gluing; (from "Holz als Roh- und Werkstoff" no. 4 1956). Der. prom. 5 no. 9:30-32 S '56.

GERMANY, EAST—HISTORY—STUDY AND TEACHING

Tenth anniversary of the German Institute of Modern History. L. V. Pozdeeva. Vop. ist. no. 7:213-214 Jl '56.

GERMANY, EAST—JUSTICE, ADMINISTRATION OF

Conference of judges and prosecutors of the German Democratic Republic on problems in socialist legality. IU. P. Sov. gos. i pravo no. 8:142-144 '56.

GERMANY, EAST—LEGUMES

Raising pulse crops in the German Democratic Republic. I. A. Stefanovskii. Sovkhoz. proizv. no. 9:76-78 S '56.

GERMANY, EAST—MALARIA

Problem of malaria in the German Democratic Republic. I. S. Ismailov. Med. paraz. i paraz. bol. 26 no. 3:266 Jl-S '56.

GERMANY, EAST—MILITARY EDUCATION

Patriots of new Germany. Voen. znan. 31 no. 6:27 Je '56.

GERMANY, EAST—MOTION-PICTURE INDUSTRY

DEFA studio in its anniversary year. Isk. kino no. 8:112 Ag '56.

GERMANY, EAST—PLANTS, PROTECTION OF

Plant protection in the German Democratic Republic. N. A. Filippov. Zashch. rast. ot vred. i bol. 1 no. 3: 55-57 Jl-Ag '56.

GERMANY, EAST—POTATOES

Potato growing in the German Democratic Republic. I. A. Stefanovskii. Nauka i pered. op. v sel'khoz. no. 9: 58-60 S '56.

GERMANY, EAST—PROSTHESIS

Prosthetic and orthopedic aids in the German Democratic Republic. Sots. obesp. 17 no. 4:57-61 Ap '56.

GERMANY, EAST—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

With a favorable wind. W. Kohlhaas. Mol. mira no. 8: 22-23 '56.

GERMANY, EAST—RELATIONS (GENERAL) WITH KOREA, NORTH
Gift from German friends. L. Pochivalov. Pioner no. 9: 34-35 S '56.

GERMANY, EAST—STOCK AND STOCKBREEDING
Stockbreeding in the German Democratic Republic. I.I. Zhadan. Sots. tvar. 28 no. 10:62-63 O '56.

GERMANY, EAST—TECHNICAL EDUCATION
In the German Democratic Republic. S. Karsev, I. Kovalenko, I. Mukin. Prof.-tekh. obr. 13 no. 9:17-19 S. '56.

GERMANY, EAST—TILES
Manufacture clay tiles in Czechoslovakia and German Democratic Republic. A. Kiptenko. Strol. mat., izdel. i konstr. 2 no. 7:31-35 Jl '56.

GERMANY, EAST—WOODPULP INDUSTRY
Series of reports on the production of woodpulp in the German Democratic Republic. Bum. prom. 31 no. 7:8 Jl '56.

GERMANY, WEST—ARMY
Prevent the rebirth of Nazism. Nov. vrem. 14 no. 42: 31 O '56.

GERMANY, WEST—ATOMIC POWER—LAWS AND LEGISLATION
The fight over the atomic draft law in the German Federal Republic. Mezhdunar. zhizn' no. 9:114-116 S '56.

GERMANY, WEST—BLAST FURNACES
Blast furnace design in West Germany. (From "Stahl und Eisen" no. 26, 1954.) N. Leonidov. Stal' 16 no. 8: 757-760 Ag '56.

GERMANY, WEST—CEMENT INDUSTRIES
Cement industries in the German Federal Republic. (From foreign journals). E. B. Kachanova, G. S. Drabkin. TSement 22 no. 4:28-31 Jl-Ag '56.

GERMANY, WEST—COAL-TAR INDUSTRY
Coal chemical industry of the German Federal Republic in 1955. A. A. Reviakin. Koks i khim. no. 5:63 '56.

GERMANY, WEST—COKE INDUSTRY
Coal chemical industry of the German Federal Republic in 1955. A. A. Reviakin. Koks i khim. no. 5:63 '56.

GERMANY, WEST—COMMERCE—RUSSIA
Interview of I. G. Kabanov, minister of foreign trade of the U. S. S. R by the newspaper "Die Welt." Vnesh. torg. 26 no. 9:1-2 S '56.

GERMANY, WEST—COMMUNIST PARTY
Against the prohibition of the Communist Party. Nov. vrem. 14 no. 40:25 S '56.
The antidemocratic campaign of West German reaction. Slaviane no. 9:3-5 S '56.
Arbitrariness of Bonn rulers. P. Efimov. Sov. pech. no. 9:41-42 S '56.
Can wind be supressed? Stefan Heim. Ogonek 34 no. 36: 5 S '56.
A dangerous and unwise step. Nov. vrem. 14 no. 38: 20-21 Ag '56.
A dangerous course. Nov. vrem. 14 no. 37:1-2 S '56.
History shall not repeat. L. Bezymenskii. Krest'ianka 35 no. 10:29 O '56.
Path of fascism and preparations for war. Mezhdunar. zhizn' no. 9:13-18 S '56.
Police tyranny. Nov. vrem. 14 no. 36:21 Ag '56.
The truth about the Karlsruhe case ("White book of the Communist Party of the Germany on the trial before the Federal Constitutional Court in Karlsruhe outlawing the Communist Party" [in German], 2nd ed. [illegible] Kommunist 33 no. 13:102-109

judges of Karlsruhe. Z. Sa- :6 S '56.
rotest against the banning of Jermany. Sov. profsoiuzy 4

RUCTION INDUSTRY
itériais in West Germany. Ja-F '56.

S, DERRICKS, ETC.
Arkhit. i bud. 4 no. 1:30-31

SES
14 no. 41:16 O '56.
ld. Nov. vrem. 14 no. 40:

ations for war. Mezhdunar.

h Atlantic Treaty Organization. 26-127 S '56.

RIC POWER
ire power supply development public. A. M. Berkovskii. vo no. 7:87-92 Jl '56.

GERMANY, WEST—FASCISM
A free hand for the Nazis. D. Umanskii. Nov. vrem. 14 no. 40:12-14 S '56.

GERMANY, WEST—FOREIGN RELATIONS—SCANDINAVIA
The plagiarism of Herr Seebohm. Nov. vrem. 14 no. 37: 17-18 S '56.

GERMANY, WEST—LABOR AND LABORING CLASSES
Next target - trade unions. Nov. vrem. 14 no. 38:18-19 S '56.

GERMANY, WEST—POLITICS AND GOVERNMENT
The Bundestag and it's fractions. V. Miliukova. Mezhdunar. zhizn' no. 9:99-110 S '56.

GERMANY, WEST—POWER ENGINEERING
Maximum capacities in future power supply development in the German Federal Republic. A. M. Berkovskii, A. G. Kraiz. Elektrichestvo no. 7:87-92 Jl '56.
Some facts on power engineering in the German Federal Republic. G. V. Serbinovskii, K. F. Roddatis. Elektrichestvo no. 7:82-87 Jl '56.

GERMANY, WEST—PROFIT SHARING
"Profit sharing" as a means to intensify the exploitation of West German workers. M. Voslenskii. Sov. profsoiuzy 4 no. 8:88-91 Ag '56.

GERMANY, WEST—REFUGEES
Shameful blot. Nov. vrem. 14 no. 42:14 O '56.
Shelfworn goods. Nov. vrem. 14 no. 38:20 S '56.

GERMANY, WEST—ROAD CONSTRUCTION
Constructing automobile highways in the German Federal Republic. Avt. dor. 19 no. 8:23-24 Ag '56.

GERMANY, WEST—SHOW WINDOWS
Dressing show windows abroad. S. Paperno. Nov. torg. tekh. no. 3:42-45 '56.

GERMANY, WEST—SPIES
"Coat and dagger" politics. Lucjan Wolanowski. Ogonek 34 no. 38:13-14 S '56.

GERMANY, WEST—TRADE UNIONS
The threat against trade-union unity in West Germany. Rudi Kirkhner. Vsem. prof. dvizh. no. 7:5-7 Jl '56.

GERMANY, WEST—VIBRATORS
Pendulum vibrators. V. V. Eliseev. Strol. i dor. mashinostr. no. 7:36-39 Jl '56.

GERMICIDES see Disinfection and disinfectants

GERMINATION
Directions for working out methods for faster germination of ginseng seeds. I. V. Grushvitskii. Bot. zhur. 41 no. 7:1021-1023 Jl '56.
Effect of temperature on the germination of barley seeds. M. G. Zaitseva. Izv. Otd. est. nauk AN Tadzh. SSR no. 1: 21-26 '52.
Particular aspects of the germination of seeds of koksaghyz and dandelions. D. P. Protsenko. Nauk. zap. Kiev. un. 8 no. 3:5-26 '49.
Physiological characteristics of the germination of seed in fruit plants. M. O. Soloviova. Nauk. zap. Kiev. un. 7 no. 6:99-114 '48.

GEYSERS
Hot springs and radioactivity. D. I. Shcherbakov. Nauka i zhizn' no. 9:63 S '56.

GIARIASIS
Lambliasis. N. V. El'shtein. Fel'd. i akush. 21 no. 8:3-7 Ag '56.

GIBBSITE
Replacement of quartz by gibbsite. N. A. Lisitsyna. Dokl. AN SSSR 109 no. 5:1023-1025 Ag '56.

GIN (COTTON MACHINERY) see Cotton gins and ginning

GINSENG
Anatomy and biology of Ginseng. M. K. Grushvitskaia, I. V. Grushvitskii. Mat. k izuch. zhen'-shenia i lim. no. 2:19-34 '55.
Chemical composition of Ginseng; survery of literature. D. A. Balandin. Mat. k izuch. zhen'-shenia i lim. no. 2:77-96 '55.
Directions for working out methods for faster germination of ginseng seeds. I. V. Grushvitskii. Bot. zhur. 41 no. 7:1021-1023 Jl '56.
Following I. P. Pavlov's teaching in the scientific study of the effect of Ginseng and Schisandra. I. I. Brekhman. Mat. k izuch. zhen'-shenia i lim. no. 2:7-12 '55.
Growth and development of Ginseng cultivated under cover of trees. Z. I. Gutnikova. Mat. k izuch. zhen'-shenia i lim. no. 2:71-76 '55.
Open letter to institutions studying ginseng and its introduction into cultivation. S. IA. Sokolov. Bot. zhur. 41 no. 7:1020 Jl '56.
Panax ginseng C. A. Mey. is the real name of Ginseng. I. V. Grushvitskii. Mat. k izuch. zhen'-shenia i lim. no. 2:13-18 '55.
Stimulating and tonic effect of Chinese magnoliavine and ginseng. A. A. Konstantinov. Vop. med. khim. 2 no. 4:287-293 Jl-Ag '56.

GINSENG—DISEASES AND PESTS
Ginseng diseases; survey of literature. I. V. Grushvitskii. Mat. k izuch. zhen'-shenia i lim. no. 2:35-70 '55.

GINSENG—PHYSIOLOGICAL EFFECT
Acceleration of the regeneration of blood in rabbits under the effect of an infusion of Ginseng roots. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:156-159 '55.
Biological evaluation of the effect of various preparations of Ginseng roots. M. A. Grinevich. Mat. k izuch. zhen'-shenia i lim. no. 2:160-165 '55.
Comparative effect of a preparation of Ginseng and other substances on conditioned reflex food leucocytosis in man. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:100-113 '55.
Comparative strength of stimulation of conditioned reflex food leucocytosis by Ginseng, Schisandra, and pantocrin. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:120-123 '55.
Duration and some characteristics of the stimulating effect of Ginseng as compared with phenamine. V. I. Sokolov. Mat. k izuch. zhen'-shenia i lim. no. 2:174-177 '55.
Effect of Ginseng on conditioned reflexes in white mice. I. I. Brekhman. Mat. k izuch. zhen'-shenia i lim. no. 2:124-131 '55.
Effect of Ginseng on the course of inflammation. I. I. Brekhman. Mat. k izuch. zhen'-shenia i lim. no. 2: 132-139 '55.
Effect of Ginseng on the healing of wounds. I. I. Brekhman. Mat. k izuch. zhen'-shenia i lim. no. 2:140-146 '55.
Effect of Ginseng on the intensity of leucocytosis and hyperthermia in rabbits produced by subcutaneous administration of milk and turpentine. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:147-155 '55.
Effect of prolonged use of a Ginseng preparation on the capacity for physical and mental work in man. I. K. Chernen'kii. Mat. k izuch. zhen'-shenia i lim. no. 2: 166-170 '55.
Ergographic investigation of the stimulating effect of Ginseng and phenamine. I. K. Chernen'kii. Mat. k izuch. zhen'-shenia i lim. no. 2:171-173 '55.

GINSENG—THERAPEUTIC USE
Using a Ginseng preparation in Botkin's disease. G. A. Dunaevskii. Mat. k izuch. zhen'-shenia i lim. no. 2:189-195 '55.

GIORDANO, BRUNO, c. 1548-1600
"The bonfire of immortality." Kinomekhanik no. 6: 46 S '56.

GIRDERS
Action of temperature and shrinkage of concrete on the joined section of a metal beam and a reinforced concrete slab. K. K. IAkobson. Trudy NIIZHT no. 11:323-330 '55.
Another demonstation for a theorem of a method of given stresses. A. V. Aleksandrov. Trudy NIIZHT no. 11:331-332 '55.
Calculating continuous through bridge spans. A. M. Kushnerev. Trudy NIIZHT no. 11:146-204 '55.
Calculating three-panel trussed stringers in the elastic-plastic stage subjected to immovable and movable loads. V. V. Trofimovich. Prykl. mekh. 2 no. 2:185-195 '56.
Distribution of temporary loading between the main girders of bridge spans having an upper deck road. F. F. Krasnov. Trudy NIIZHT no. 11:130-145 '55.
Frumin, I. I., and V. K. Petrichenko. [Automatic welding in hard facing steel rolled girders; a practical manual] Avtomaticheskaia naplavka stal'nykh prokatnykh valkov; prakticheskoe rukovodstvo. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956, 114 p.
Graphic calculation of bridge guy trusses of Professor I. M. Rabinovich's system [in Georgian with summary in Russian]. G. M. Mukhadze. Trudy Inst. strol. dela AN Gruz. SSR 4:37-44 '53.
Investigating the capacity of statically indeterminate beams subjected to single-stage loading. F. I. Sliusarchuk. Trudy NIIZHT no. 11:233-275 '55.
On the existence of an equistable solution for statically indeterminate girders. F. I. Sliusarchuk. Trudy NIIZHT no. 11:276-305 '55.
Prestressed bridge spans made of blocks prepared in machines. A. IA. Zhuravlev. Avt. dor. 19 no. 7:15-20 Jl '56.
Rapid method of constructing influence lines of support moments in continuous beams. K. K. Starshinov. Trudy NIIZHT no. 11:306-315 '55.

GIRDERS—VIBRATION
Method of spectral functions for calculating frequencies of vibration in beams of varying cross sections [in Georgian with summary in Russian]. R. S. Lordkipanidze. Trudy Inst. strol. dela AN Gruz. SSR 3:85-102 '51.
Review of investigations on the theory of vibration in bars. A. P. Filippov. Prykl. mekh. 2 no. 2:117-132 '56.
Vibration in girders along fundamental directions. V. I. Sablin. Trudy NIIZHT no. 11:217-232 '55.

GIRDERS—WELDING
Effect of external loading and yield point of a joint on the magnitude of residual stresses in H-shaped welded elements. G.K. Evgrafov, P.V. Mal'tsev, V.O. Osipov. Trudy MIIT no. 85/86:5-28 '56.

GIROGLAV, SEMEN SEMENOVICH, 1881-
On the 75th birthday and 50th anniversary of the work of Semen Semenovich Girgolav. S.IA. Freidlin. Vest. khir. 77 no. 7:149-150 Jl '56.

GISSAR RANGE—FLUORITE
Phases and stages of mineral formation in one of the fluorite deposits in the Gissar Range. D.Kh. Akhmerov. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:21-40 '55.

GISSAR RANGE—GEOLOGY, STRUCTURAL
Relation between the Tajik Depression and the Gissar Range. S.A. Zakharov. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:15-20 '55.

GISSAR RANGE—GRANITE
Quantitative mineralogical composition of granitoid rocks in the Amshut intrusion. D.Kh. Akhmerov. Dokl. AN Tadzh. SSR no. 15:7-12 '56.

GISSAR RANGE—MANTISES
Mantises (Mantoidea) of the sourthern slope of Gissar Range in Tajikistan [with summary in English]. L.L. Mishchenko. Ent. obozr. 35 no. 3:652-658 '56.

GISSAR RANGE—PASTURES AND MEADOWS
Some of the more important pasture weeds on southern slopes of the Gissar Range and their control. L.P. Sin'kovskii. Trudy AN Tadz. SSR 3:79-114 '52.

GISSAR RANGE—PETROLOGY
Petrography of the Voru intrusion. R.B. Baratov, D.Kh. Akhmerov. Dokl. AN Tadzh. SSR no. 15:13-18 '56.

GISSAR VALLEY—COTTON GROWING
Irrigation of cotton in the Gissar Valley. A.P. Kochetov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:23-31 '55.
Periods and methods of disbudding in the Gissar Valley and in districts of Leninabad Province. E.F. Oglobtina. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:77-84 '56.

GISSAR VALLEY—LEAF ROLLERS
Leaf rollers, pests of pome fruit trees in the Gissar Valley. V.G. Baeva. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:145-151 '56.

GISSAR VALLEY—MOTHS
Biology of the Tajik casebearer in the Gissar Valley. V.G. Baeva. Izv. Otd. est. nauk AN Tadzh. SSR no. 10: 179-184 '55.

GISSAR VALLEY—SEISMOLOGY
Seismic map of the Gissar Valley. L.B. Vasil'eva. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:43-51 '56.

GLACIAL EPOCH see subdivision under Verkhoyansk Range

GLAND—DISEASES
Effect of experimental hyperthyroidism on the regulation of blood pressure by the cerebral cortex. K.M. Kalmykova. Probl. endok. i gorm. 2 no. 1:27-31 Ja-F '56.

GLANDS, MAMMARY see Mammary glands

GLASS
Glass doors and screens. Arkhit. i bud. 4 no. 1:31 Ja-F '56.
Strengthening of glass by heat treatment. I.I. Kitaigorodskii, V.L. Indenbom. Dokl. AN SSSR 108 no. 5: 843-845 Je '56.

GLASS—ANALYSIS
Rapid method for determining the alkali earth metals in barium glass. L.I. Pantoleeva, A.A. Zan'ko. Nauch. zap. LPI no. 29:101-108 '55.

GLASS—DEFECTS
Influence of technological factors and design of tank furnaces on the formation of bubbles in the glass batch. A.G. Perov. Stek. i ker. 13 no. 8:1-5 Ag '56.

GLASS—OPTICAL PROPERTIES
Anomalous scattering of light in glass. A.I. Kolladin. Dokl. AN SSSR 109 no. 1:64-67 Jl-Ag '56.

GLASS—TESTING
Determining Young's modulus for silicate glasses. E.F. Pichugin. Stek. i ker. 13 no. 8:10-11 Ag '56.

GLASS, ORNAMENTAL
Engraving on glass. IU.P. Frolov. Klub 6 no. 9:19 S '56.
Investigating stresses in cemented glass tiles. M.A. TSaritsyn, G.S. Bogdanova. Stek. i ker. 13 no. 9:15-18 S '56.

GLASS CUTTING see subdivision under Konstantinovka

GLASS MANUFACTURE
(see also subdivision under China; Gus'-Khrustal'nyy; Poland; Smolensk; United States)
Automatic heat control for glass furnaces. M.I. Korobko. Trudy Inst. isp. gaza AN URSR 2:33-63 '54.
Convection channel annealing furnaces with electric heating. (From "Ceramic Industries" no. 7, 1955). IU. Fein. Leg. prom. 16 no. 7:55 Jl '56.
Design of a glass tank furnace. M.G. Stepanenko. Stek. i ker. 13 no. 9:27-28 S '56.
Developing new methods for cooling the molds on machines manufacturing glass containers. (From "Glastech. Berichet" no. 9, 1955). IU. Fein. Leg. prom. 16 no. 7:54-55 Jl '56.
Heat exchange and annealing during the vertical drawing of sheet glass. N.A. Zakharikov. Trudy Inst. isp. gaza AN URSR 2:83-124 '54.
Influence of technological factors and design of tank furnaces on the formation of bubbles in the glass batch. A.G. Perov. Stek. i ker. 13 no. 8:1-5 Ag '56.
Principles of furnace design. N.N. Dobrokhotov. Trudy Inst. isp. gaza AN URSR 2:5-16 '54.
Study of heat exchange in glass furnaces. N.A. Zakharikov, L.S. Ploro. Trudy Inst. isp. gaza AN URSR 2:17-32 '54.
Test furnaces for the manufacture of glass by blowing flame gases into the glass batch. (From "Journal Society Glass. Technology" no. 168, 1955. Stek. i ker. 13 no. 8:31-32 Ag '56.
Thermal stresses in sheet glass and glass tubes. N.A. Zakharikov, S.A. Blokh. Trudy Inst. isp. gaza AN URSR 2:84-92 '54.
Use of pulverized quartz in the manufacture of glass. A.I. Zhilin. Stek. i ker. 13 no. 9:26-27 S '56.

GLASS MANUFACTURE—BY-PRODUCTS
Utilization of foam glass wastes. R.L. Shuster. Stek. i ker. 13 no. 9:30-31 S '56.

GLASS MANUFACTURE—CHEMISTRY
Some chemical processes used in the polishing of glass. A.G. Minakov, T.S. Dubrovskaia. Stek. i ker. 13 no. 9:23-25 S '56.
Thermal expansion of fluoride containing sodium silicate glass. V.V. Vargin, N.I. Krasotkina. Dokl. AN SSSR 108 no. 6:1133-1136 Je '56.

GLASS MANUFACTURE—EQUIPMENT AND SUPPLIES
Spray gun for lubricating molds in the manufacture of glass containers. K.P. Kurdiumov. Stek. i ker. 13 no. 9:29 S '56.

GLAUCOMA
(see also subdivision under Tajikistan)
Eliminating the pain syndrome in irridocyclitis and glaucoma by hypnotic suggestion. A.S. Vaisblat. Trudy AN Tadzh. SSR 40:169-171 '55.
Role of the nervous system in the regulation of intraocular pressure. S.M. Mints. Usp. sovr. biol. 42 no. 1:51-61 Jl-Ag '56.

GLAUCONITE
Experimental study of the physico-mechanical properties of gaize and gaize mortars. G.A. Dzhikaeva, I.D. Bakhtadze. Trudy Inst. stroi. dela AN Gruz. SSR 4:231-237 '53.

GLAZES
Methods of examining glazes. IU.G. Shteinberg. Stek. i ker. 13 no. 9:4-9 S '56.

GLUING
Gluing FK veneer with MFC-1 resin not processed in the vacuum. K.N. Andriunina, T.A. Lukina, A.R. Grebenkin. Der. prom. 5 no. 9:19-20 S '56.
Hydraulic glue press for hot veneering. K.N. Liubimov, V.I. Abrosimov. Der. prom. 5 no. 8:20 Ag '56.
Machine for gluing aluminum foil to paper. P.V. Mironov. Bum. prom. 31 no. 8:23 '56.
Mechanization of minor operations for cold gluing of shaped parts. A.G. Makar'eva, R.V. Skul'skaia. Der. prom. 5 no. 8:21 Ag '56.
Modernizing the gluer mechanism of a PS-6 rib-gluing machine. N.A. Zhukov. Der. prom. 5 no. 8:22-23 Ag '56.
Use of M-4 and MFS-1 resins in the manufacture of furniture. I.S. Apakin, K.K. Arsen'ev, A.IA. Urpin. Der. prom. 5 no. 8:17-18 Ag '56.

GLUING—ABSTRACTS see subdivision under Germany, East

GLUTAMINE
Effect of prolonged drug-induced sleep and ascorbic acid on the ammonia and glutamine contents of the blood. L.IA. Tiukhpyild. Vop. med. khim. 2 no. 4:305-308 Jl-Ag '56.

GLYCEROL
Determining the consumption of injected steam in glycerin distillation. E.E. Fainberg. Masl.-zhir. prom. 22 no. 8:18 '56.
Losses of fats during their processing for glycerin. M.V. Irodov. Masl.-zhir. prom. 22 no. 8:13-16 '56.

GLYCINE
Kinetics and chemistry of the polycondensation of the ethyl ester of glycine. K.T. Poroshin, T.D. Kozarenko, IU.I. Khurgin. Izv. AN SSSR, Otd. khim. nauk no. 8:974-978 Ag '56.

GLYCOLIC ACID
Action of light and glycolate upon the glycolic acid oxidase in plants (to the problem of the so-called "adaptation" of seedlings). P.A. Kolesnikov, S.V. Emenova. Dokl. AN SSSR 109 no. 1:152-155 Jl-Ag '56.

GLYCOLS
Inquiries into the synthesis and transformations of unsaturated organosilicon compounds. The synthesis of organosilicon glycols of the diacetylene series. M.F. Shostakovskii, I.A. Shikhiev, N.V. Komarov. Dokl. AN SSSR 109 no. 2:344-346 Jl '56.
Research in the synthesis and conversion of unsaturated silicon organic compounds. Part I. Synthesis of silicon organic glycols of the diacetylenic series. I.A. Shikhiev, M.F. Shostakovskii, N.V. Komarov. Dokl. AN Azerb. SSR 12 no. 8:553-556 '56.

GLYCOLYSIS
Relationship between bioelectric phenomena and glycolysis in muscle. S.S. Oganesian. Dokl. AN Arm. SSR 16 no. 5:151-155 '53.

GLYOXAL
Synthesis of 2,6-dimethoxyphenylglyoxal. A.A. Shamshurin. Dokl. AN Tadzh. SSR no. 5:15-18 '52.

GLYOXIME
Complex compounds of tetravalent cobalt with dimethylglyoxime. Part 4. Iodo derivatives. A.V. Ablov, G.P. Syrtsova. Zhur. neorg. khim. 1 no. 4:887-891 Ap '56.

GOATS
Under reliable protection. T. Vishnevskii. Okh. i okh. khoz. no. 8:60 Ag '56.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852
N.V. Gogol's comedy "The Inspector General" as an outstanding work of literary art. V.A. Smirnov. Uch. zap. GGPI 16:202-227 '55.

GOITER
(see also subdivision under Bucovina; Moscow Province)
Antitoxic function of the liver and its modification following surgical therapy of various forms of goiter. A.P. Stepanenko. Probl. endok. i gorm. 2 no. 1:35-39 Ja-F '56.
Effects of 6-methylthiouracil on liver function in Basedow's disease. S.F. Mandl'. Probl. endok. i gorm. 2 no. 3:54-61 My-Je '56.
Endemic goiter. A.T. Lidskii. Sov. med. 20 no. 8: 18-25 Ag '56.
Fifth all-Union conference on the control of endemic goiter. V.V. Khvorov. Probl. endok. i gorm. 2 no. 1:120-127 Ja-F '56.
Iodine prevention of endemic goiter. M.E. Skatkov. Probl. endok. i gorm. 2 no. 1:111-117 Ja-F '56.
Preoperative preparation of patients with hyperthyroidism. P.E. Rybalkin. Probl. endok. i gorm. 2 no. 2:44-49 Mr-Ap '56.
Role of soil conditions in iodine and endemic goiter in Ont and other districts of the Georgian S.S.R. V.I. Knifshevskaia. Probl. endok. i gorm. 2 no. 2:58-62 Mr-Ap '56.
Some debatable questions concerning surgical treatment of Basedow's disease. M.R. Veber. Probl. endok. i gorm. 2 no. 3:15-21 My-Je '56.
Treatment of patients with toxic goiter in pregnancy. E.E. Bykhovskaia. Probl. endok. i gorm. 2 no. 2:38-43 Mr-Ap '56.

GOLD CHLORIDES
Thermal dissociation of gold chlorides. S.A. Shchukarev, M.A. Oranskaia, V.M. TSinitsius. Zhur. neorg. khim. 1 no. 5:881-886 My '56.

GOLD COAST—LABOR AND LABORING CLASSES
Struggle of the Gold Coast workers; part two. Kobina Wurudu. Vsem. prof. dvizh. no. 7:31-33 Jl '56.

GOLD COAST—POLITICS AND GOVERNMENT
Gold Coast demands independence. Mezhdunar. zhizn' no. 9:119-120 S '56.
Independence of the Gold Coast. Nov. vrem. 14 no. 40: 18-19 S '56.

GOLD-COBALT ALLOYS
Study of alloys in the system: gold — cobalt. A.T. Grigor'ev, E.M. Sokolovskaia, M.V. Maksimova. Zhur. neorg. khim. 1 no. 5:1047-1051 My '56.

GOLD-COBALT-PALLADIUM ALLOYS see Palladium-gold-cobalt alloys

GOLD DREDGING
Screw separators on 210 liter dredges. P.S. Kinzhalov. TSvet. met. 29 no. 9:18-21 S '56.

GOLODNAYA STEPPE see Bet-Pak-Dala

GOLOVIANKO, ZINOVII STEPANOVICH, 1876-1953
In memory of Zinovii Stepanovich Golovianko. V.I. Gusev. Ent. obozr. 35 no. 1:230-230 '56.

GOMEL' PROVINCE—COLLECTIVE FARMS
Strengthen unfailingly bonds with workers on collective farms. S. Sergeev. Komm. Bel. 26 no. 8:48-53 Ag '54.

GONORRHEA

Eemonovocillin for treating gonorrhea in women. A. M. Kharchenko. Vest. ven. i derm. 30 no. 4:59-60 Jl-Ag '56.

Experience in treating chronic gonorrhea in women by intracutaneous injection of a mixture of novocaine, penicillin, gonovaccine and methylene blue. V. A. Shatov and others. Vest. ven. i derm. 30 no. 4:33-37 Jl-Ag '56.

Streptomycin in the treatment of gonorrhea. A. N. Mikhailov. Sov. med. 20 no. 7:32-36 Jl '56.

Streptomycin in the treatment of gonorrhea in men. S. A. Artem'ev, R. G. Gadzhiev. Sov. med. 20 no. 7:40-42 Jl '56.

Three years' experience in treating acute gonorrheal urethritis in men by a single injection of penicillin. P. P. Semenov. Vest. ven. i derm. 30 no. 4:37-40 Jl-Ag '56.

Treatment of gonorrhea with synthomycin. O. I. Niumikova. Sov. med. 20 no. 7:36-39 Jl '56.

GORAGORSKIY—PETROLEUM ENGINEERING

Conducting hydraulic fracturing in the Goragorskiy oil field. M. P. Vuets. Neft. khoz. 33 [i. e. 34] no. 9:22-24 S '56.

GORDON, GERALD

Tragedy of the colored man ("Let the day perish;" a novel Gerald Gordon. Translated from the English. Reviewed by Mykola IUrchuk). Vitchyzna 24 no. 9:183-186 S '56.

GOR'KII, MAKSIM, 1868-1936

The dialogue of satire in A. M. Gor'kii's "Russian fairy tales." V. A. Sirotina. Nauk. zap. Kiev. un. 14 no. 2: 111-136 '55.

From A. M. Gor'kii's creative laboratory. V. A. Lazarev. Lit. Stal. 10:223-248 '55.

Gorkii and his relation to Soviet medicine; 20th anniversary of the death of A. M. Gorkii. G. Mendelevich. Klin. med. 34 no. 6:74-81 Je '56.

Observations on folklore in A. M. Gor'kii's works. Mykola Matviichuk. Nauk. zap. L'viv. un. 19:76-101 '51.

Portrayal of the hero in M. Gor'kii's story "Konovalov." Z. A. Vorob'eva. Uch. zap. Ped. inst. Gerts. 120:121-134 '55.

Such a man was Gor'kii. B. Kiselev. Sots. obesp. 17 no. 5/6:84-86 My-Je '56.

Ukraine in M. Gor'kii's early works (1892-1898). A. I. Matsai. Nauk. zap. Kiev. un. 14 no. 1:37-83 '55.

GORKIY—AUTOMOBILE INDUSTRY

"Volga," gets ready for the trip. Pavel Podliashuk. Smena 33 no. 11:2-4 Je '56.

GORKIY—BOOTS AND SHOES—REPAIRING

When guidance is formal. M. Moro. Prom. koop. no. 8: 23 Ag '56.

GORKIY—PARENTS AND TEACHERS' ASSOCIATIONS

School for the parent activist group. Z. Tul'bovich. Sem'ia i shkola 11 no. 9:9 S '56.

GORKIY—TRACK ATHLETICS

Twenty-fifth anniversary of the plant section. N. Napukh. Leg. atl. no. 8:14-16 Ag '56.

GORKIY HYDROELECTRIC POWER STATION

Concreting with the use of concrete pumps in constructing the Gorkiy Hydroelectric Power Station. M. A. Lipovetskii. Gidr. stroi. 25 no. 7:9-15 Ag '56.

Notes on the article "Experience with using concrete pumps in building the Gorkiy Hydroelectric Power Station." IA. R. Besser. Gidr. stroi. 25 no. 8:54-55 S '56.

GORKIY PROVINCE—ECONOMIC CONDITIONS

Suvorova, G. T. [The Pavlovo industrial district; an economic sketch] Pavloviskii industrial'nyi raion; ekonomicheskii ocherk. [Gor'kii] Gor'kovskoe kn-vo, 1955. 114 p.

GORKIY PROVINCE—GEOLOGY

Shomysov, N.M. [Geological excursions through Gorkiy Province] Geologicheskie ekskursii po Gor'kovskoi oblasti. [Gor'kii] Gor'kovskoe kn. izd-vo, 1954. 247 p.

GORKIY PROVINCE—SHEEP BREEDING

Raising dual-purpose sheep on the collective farms of Gorkiy Province. A. A. Kapatsinskaia. Ovtsevodstvo no. 8:15-20 Ag '56.

GORKIY PROVINCE—VERTEBRATES

Puzanov, I. I., V. I. Kozlov, and G. P. Kiparisov. [Animals of Gorkiy Province; vertebrates] Zhivotnyi mir Gor'kovskoi oblasti; pozvonochnye. Izd. 2-oe, dop. [Gor'kii] Gor'kovskoe kn-vo, 1955. 585 p.

GORNAYA SHORIYA—ZIRCONS

Dissolution of zircons in igneous rocks. V. A. Vakhrushev. Dokl. AN SSSR 109 no. 3:601-603 Jl '56.

GORNO-BADAKHSHAN AUTONOMOUS PROVINCE—WORMS, INTESTINAL AND PARASITIC

Helminthic fauna in ruminantia of the Gorno-Badakhshan Autonomous Province. E. A. Muratov. Dokl. AN Tadzh. SSR no. 5:41-44 '52.

GORODETS—EMBROIDERY

Women artisans of Gorodets. V. Makatov. Prom. koop. no. 9:28 S '56.

GOTHIC LANGUAGE—WORDS—HISTORY

History of the Gothic verb "wisan" (to be). B. M. Zadorozhnyi. Nauk. zap. L'viv. un. 30:20-26 '55.

GOVERNMENT OWNERSHIP see subdivision under China

GOVERNORS (MACHINERY)

Pneumatic speed control for carburetor engines. V. P. Bel'tiukov. Avt. i trakt. prom. no. 8:9-10 Ag '56.

GRADING AND MARKING (STUDENTS)

The role of grading. A. A. Antonov. Sred. spets. obr. no. 9: 28-30 S '56.

GRAFTING

Interrelations of tissues in grafting and transplanting in plants and animals [with English summary in insert]. D. M. Shteinberg. Zool. zhur. 35 no. 6:793-803 Je '56.

Phosphorus supply from lateral roots to the branches in a grafted apple tree and in an apple tree growing on its own root. IU. A. Betavin. Dokl. AN SSSR 106 no. 5: 955-957 Je '56.

GRAIN

(see also subdivision under Kazakhstan)

Apply more fertilizer to winter grain crops. Ud. i ur. 1 no. 8:3-6 Ag '56.

Bread from virgin lands. Sovkhoz. proizv. no. 9:28-30 S '56.

Effect of boron on cereals observed in the case of water deficiency in soil at crucial periods of development. F. D. Skazkin, V. G. Rozhkova. Dokl. AN SSSR 108 no. 5:962-964 Je '56.

Effect of phosphorobacterin on yields and protein content of winter wheat, corn and soybeans. I. S. Kudashev. Dokl. Akad. sel'khoz. 21 no. 8:20-23 '56.

For widespread sowing of certified seed. A. S. Meleshkin. Nauka i pered. op. v sel'khoz. no. 8:82-84 Ag '56.

[Grain and forage crops.] Zernovye i kormovye kul'tury no. 3 Mr '56.

[Grain and forage crops.] Zernovye i kormovye kul'tury no. 11 N '56.

In the struggle for 11 billion poods of grain. M. P. Karpenko. Slaviane no. 10:3-5 O '56.

New state grain farms. N. V. Pakhomov. Nauka i pered. op. v sel'khoz. no. 7:16-18 Jl '56.

Sowing winter grains after disking flax stubble. F. Gerasimov. Zemledelie 4 no. 9:123 S '56.

GRAIN—CLEANING

Removing wild oats from oats and barley. S. Cherepanov. MTS 16 no. 9:33-34 S '56.

GRAIN—DISEASES AND PESTS

(see also subdivision under Leningrad Province)

Protect crops against shield bugs. A. A. Trofimova, V. P. Viazovets, I. T. Grigorenko. Zashch. rast. ot vred. i bol. 1 no. 2:38-40 My-Je '56.

GRAIN—DRYING

Improving the baking quality of germinated rye by drying. I. I. Liushinskaia, L. IA. Auerman. Trudy MTIPP 4: 34-43 '56.

ZPM-1, 5 portable grain dryer (text for cover drawing). K. Marakhtanov. Tekhsov. MTS 17 no. 15:14-16 Ag '56.

GRAIN—HARVESTING

Happy news from the fields. Ogonek 34 no. 36:1 S '56.

GRAIN—TRANSPORTATION

Device for pack-loading grain into railroad cars. I. S. Finashin, S. A. Karabanov. Zhel. dor. transp. 38 no. 8:75 Ag '56.

Diagilev, N. P. [Behind the wheel of a truck] Za rulem gruzovoi mashiny. [Moskva] Profizdat, 1955. 62 p. (Rasskazy novatorov) (DA)

Motor transport of collective farms in crop harvesting. A. Sinchinov. Kolkh. proizv. 16 no. 8:11 Ag '56.

GRAIN ELEVATORS see subdivision under Algeria

GRAIN-HANDLING MACHINERY

About the trip to North America. I. E. Emel'ianov. Kukuruza 1 no. 3:55-60 Je '56.

GRAMICIDIN S

Structure of gramicidin S. Part 5. Two forms of gramicidin, their reciprocal conversions and structure. N. I. Gavrilov and others. Zhur. ob. khim. 26 no. 7:2020-2035 Jl '56.

GRANITE

(see also subdivision under Aldan Plateau; Bazavluk Valley; Gissar Range; Ingul Valley, Ingulets Valley; Ukraine)

Tin distribution in granitoid rocks. V. L. Barsukov, L. I. Pavlenko. Dokl. AN SSSR 109 no. 3:589-592 Jl '56.

GRANITOIDS

Influence of the bulk composition of rocks upon the results of quantitative determination of molybdenum in granitoids. [with English summary in insert]. E. E. Vainstein, L. I. Pavlenko. Zhur. anal. khim. 11 no. 4:410-418 Jl-Ag '56.

GRANOVSKII, TIMOFEI NIKOLAEVICH, 1813-1855

Ancient history in the lectures of T. N. Granovskii according to archival documents. S. Anhovskaia. Vest. drev. ist. no. 2:135-145 '56.

"From the history of progressive ideas in Russian medieval studies (T. N. Granovskii)." S. A. Anhovskaia. Reviewed by I. N. Borozdin, R. IU. Engel'gardt. Vop. ist. no. 7:172-175 Jl '56.

GRAPE CULTURE see Viticulture

GRAPES

Characteristic features in the development of grafted and unfrafted grapevines. E. I. Zakharova, A. A. Ilanskoe. Agrobiologiia no. 4:78-83 Jl-Ag '56.

Frost-resisting properties of the root system in grapes. S. IA. Mindnberh. Nauk. zap. Kiev. un. 7 no. 6:163-171 '48.

Improve the quality of grape juice. A. S. Zanlavskii. Sad. vin. Mold. 11 no. 4:56-57 Jl-Ag '56.

Intensity of regeneration in different varieties of grapes according to frost-resistance. S. IA. Mindnberg. Nauk. zap. Kiev. un. 8 no. 5:101-104 '49.

More vegetable, fruit, and grapes for workers. Sad i og. no. 9:3-5 S '56.

Muscat of Hamburg as the best pollinator for Kodma Niagra and Shasla grapes. L. V. Kolesnik, A. T. Dazeva. Sad. vin. Mold. 11 no. 4:38-39 Jl-Ag '56.

Preharvest foliar feeding of grapes. M. P. Dobravol'skii. Sad. vin. Mold. 11 no. 4:15-16 Jl-Ag '56.

GRAPES—DISEASES AND PESTS

Protection of vineyards. P. M. Alekseev. Zashch. rast. ot vred. i bol. 1 no. 3:34-35 Jl-Ag '56.

GRAPES—VARIETIES

Grape varieties for making cognac. V. M. Maltabar. Sad. vin. Mold. 11 no. 4:46-47 Jl-Ag '56.

GRAPHIC ARTS

Urgent problems in easel arts. E. A. Kibrik. Vop. izobr. isk. no. 2:37-59 '55.

GRAPTOLITES

(see also subdivision under Kirghizistan)

Origin of graptolite shales. L. D. Miroshnikov. Izv. AN SSSR. Ser. geol. 21 no. 7:25-32 Jl '56.

GRASSES

(see also subdivision under Cholyabinsk Province; Pamirs; Tajikistan; Tien Shan)

Effect of copper fertilizers on meadow grasses grown for seeds. M. D. Bakhulin. Agrobiologiia no. 4:89-93 Jl-Ag '56.

Increasing carotene content in the tops of graminaceous grasses [in Azerbaijani with summary in Russian]. G. R. Khalilov. Dokl. AN Azerb. SSR 12 no. 6:415-419 '56.

Increasing crop yields of perennial grasses. S. S. Shain. Zhivotnovodstvo no. 8:14-21 Ag '56.

Organize the production of meadow grass seeds. A. Sazonov. Kolkh. proizv. 16 no. 9:23-24 S '56.

Perenial grass strips in crop rotations in steppe areas. S. S. Shain. Nauka i pered. op. v sel'khoz. no. 9:11-14 S '56.

Vegetative propagation of perennial grasses from filiform roots. S. A. Kott. Biul. MOIP. Otd. biol. 61 no. 3:92-93 My-Je '56.

Wild grasses in the botanical garden of T. H. Shevchenko State University in Kiev. M. I. Mulishkyts'ka. Nauk. zap. Kiev. un. 7 no. 6:85-97 '48.

GRASSHOPPERS see Locusts

GRAVEL

Using a hydraulic ore concentrator for washing and grading gravel and sand. A. A. Zagriazhskii. Gidr. stroi. 26 no. 8:10-14 S '56.

GRAVITATION see subdivision under Moldavia; Ukraine

GRAY MULLETS

Kizilitash mullet fishery. G. IA. Doroshin, E. R. Sukhanova. Ryb. khoz. 32 no. 9:62-66 Ag '56.

GRAYING see subdivision under Baikal, Lake

GRAYWACKE see subdivision under Ural Mountains

GRAZING

(see also subdivision under Transbaikalia; Ulyanovsk Province)

Changes caused by grazing in the vegetation of sheep pastures in the clayey deserts and piedmont semideserts of Central Asia. L. S. Gnevskaia, E. S. Krasnopolin. Bot. zhur. 41 no. 7:962-975 Jl '56.

GRDINA, IAROSLAV IVANOVICH, 1871-1931

Works of IAroslav Ivanovich Grdina on the theoretical mechanics of living organisms. A. I. Zotin, R. S. Zotina. Biofizika 1 no. 5:480-492 '56.

GREAT BRITAIN—AGRICULTURAL EXPERIMENT STATIONS

K. A. Timiriazev and the Rothamsted Experimental Station. E. V. Polosatova. Agrobiologiia no. 4:147-153 Jl-Ag '56.

GREAT BRITAIN—AGRICULTURAL MACHINERY
New tractor-mounted agricultural machines in England. S. Gerasimov. Tekhsov. MTS 17 no. 12:10-13 Je '56.

GREAT BRITAIN—ATOMIC ENERGY RESEARCH
Television camera for observing atomic reactors (From: "Times" F '56). Radio no. 8:58 Ag '56.

GREAT BRITAIN—ATOMIC POWER INDUSTRY
Utilization of nuclear fuel in English power industry. N. B. Riukhin. Energomashinostroenie no. 9:26-29 S '56.

GREAT BRITAIN—BUILDING, IRON AND STEEL
Prestressed reinforced steel constructions. V. P. Pozdniak. Nov. tekh. i pered. op. v stroi. 18 no. 9:26-28 S '56.

GREAT BRITAIN—CHEMICAL APPARATUS
British exhibition of industrial apparatus for 1955 in London. N. IA. Festa, N. N. Elshin. Khim. prom. no. 3: 173-183 Ap-My '56.

GREAT BRITAIN—CHILDREN
Dreams and reality. Rose Grant. Sov. zhen. 12 no. 9: 36-37 S '56.

GREAT BRITAIN—CLEANING MACHINERY AND APPLIANCES
"Vaku-Blast" cleaning machine. E. I. Nemirovskii. Stroi. i dor. mashinostr. no. 7:35 Jl '56.

GREAT BRITAIN—COLONIES
The colonial question in English political life of the 1830's and 1840's. N. A. Erofeev. Uch. zap. po nov. i noveish. ist. no. 2:207-247 '56.

GREAT BRITAIN—COMMERCE—RUSSIA
Broadening the ties between Soviet and British cooperatives. Kooperator. Sov. torg. no. 7:22-24 Jl '56.

GREAT BRITAIN—ECONOMIC CONDITIONS
Some problems of the English economy [with summary in English, p. 31]. R. Solodkin. Vnesh. torg. 26 no. 8:13-17 Ag '56.

GREAT BRITAIN—FOREIGN RELATIONS—FRANCE
A new maneuvre in a new phase. Nov. vrem. 14 no. 41:10-20 O '56.

GREAT BRITAIN—FOREIGN RELATIONS—RUSSIA
Nakashidze, N. T. [Russian-English relations during the second half of the 16th century] Russko-angliiskie otnoshenilia vo vtoroi polovine XVI v. Tbilisi, Izd-vo Tbilisskogo gos. univ. im. Stalina, 1955. 164 p.

GREAT BRITAIN—HOUSING
Residential construction in postwar England. A. Ikonnikov. Arkhit. i stud. 4 no. 3:23-26 My-Je '56.

GREAT BRITAIN—HYDRAULIC ENGINEERING
Mechanization of irrigation works becomes popular ("Agricultural Machinery Journal," v. I., no. 4, 1954. Reviewed by F. I. Sakovich). Vestsi AN BSSSR Ser. fiz.-tekh. nav. no. 1:153-154 '56.

GREAT BRITAIN—KAOLINITE
Influence of crushing and the effect of atmospheric moisture on the properties of kaolinite. (From foreign journals). Ogneupory 21 no. 5:237-238 '56.

GREAT BRITAIN—LABOR AND LABORING CLASSES
The British working class faces new tasks. I. Lomin. Nov. vrem. 14 no. 38:6-9 S '56.

GREAT BRITAIN—MILITARY HYGIENE
March hygiene in the British army under tropical conditions. V. N. Latysh. Voen.-med. zhur. no. 10:88-92 O '55.

GREAT BRITAIN—MOTION-PICTURE INDUSTRY
English cinematography and its master Alexander Korda. G. Avenarius. Isk. kino no. 7:92-101 Jl '56.

GREAT BRITAIN—NAUTICAL CHARTS
British experimental radar determination chart. V. Taratynov. Mor. flot 16 no. 9:25-26 S '56.

GREAT BRITAIN—PETROLEUM INDUSTRY
Atlantic solidarity in reverse. Nov. vrem. 14 no. 41: 16-19 O '56.

GREAT BRITAIN—RAILROADS—STATIONS
Reconstruction of locomotive depots in England. B. V. Shpakov. Transp. stroi. 6 no. 8:27-28 Ag '56.

GREAT BRITAIN—RED CROSS
British Red Cross Society. IU. Orlov. Sov. kras. krest 6 no. 4:30 Jl-Ag '56.

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA
English workers want to establish relations with Soviet workers. Vsem. prof. dvizh. no. 7:39 Jl '56.

For restoration of the international unity of trade unions. Brian Roberts. Sov. profsoiuzy 4 no. 9:83-86 S '56.

Guests of the English; a sketch. V. Maslikaev. Lit. Stal. 10:164-171 '55.

Stalingrad - Coventry; a sketch. V. Ershov. Lit. Stal. 10:164 '55.

GREAT BRITAIN—SCHOLARSHIPS
Reader's page. Vsem. stud. nov. 10 no. 8:1-2 Ag '56.

GREAT BRITAIN—SHIPBUILDING
Improved boat davit (from "Shipbuilding and Shipping Record," no. 1, 1956). Sudostroenie 22 no. 8:41 Ag 56.

GREAT BRITAIN—STRIKES AND LOCKOUTS—AUTOMOBILE WORKERS
Struggle of English workers. Mezhdunar. zhizn' no. 9:124-125 S '56.

GREAT BRITAIN—TARIFF
"Macmillan plan." Nov. vrem. 14 no. 41:17 O '56.

GREAT BRITAIN—TRACTORS
The British Vikkers VR-180 tractor. M. D. Bernshtein. Avt. i trakt. prom. no. 7:43-44 Jl '56.

GREAT BRITAIN—UNEMPLOYED
Books by Max Cohen ("What nobody told the foreman" and "I was one of the unemployed" [both in English]. Reviewed by N. Elshinskina). Inostr. lit. no. 8:257-258 Ag '56.

Unemployment in England. I. Kuz'minov. Mezhdunar. zhizn' no. 9:47-61 S '56.

GREAT NORTHERN WAR, 1700-1721 see Northern War, 1700-1721

GREECE—POLITICS AND GOVERNMENT
An interview with Lambros Eftaxias and Georgios Samaras, members of the Greek parliamentary delegation. Nov. vrem. 14 no. 36:19-20 Ag '56.

GREEK INSCRIPTIONS see subdivision 'Inscriptions, Greek' under Olbia (Borysthenes)

GREEK LANGUAGE—ETYMOLOGY
Semantic anthropomorphism in the lexical Egyptian loan words in Greek. P. V. Ernshtedt. Palest. sbor. no. 2: 12-30 '56.

GREEK LANGUAGE—FOREIGN WORDS AND PHRASES
Egyptian elements in Greek during the existence of Greek trading stations in Egypt. P. V. Ernshtedt. Vest. drev. ist. no. 2:153-160 '56.

GREEN, GRAHAM, 1904-
"The Quiet American." Graham Green. Reviewed by Wilfred Burchett. Mezhdunar. zhizn' no. 9:146-148 S '56.

GREENHOUSE MANAGEMENT
(see also subdivision under Kazakhstan)
Book reviews and bibliography ("Greenhouse and hotbed gardening." Reviewed by P. S. Semenchuk, V. M. Markov). Sad i og. no. 9:78-79 S '56.

Greenhouse management. D. I. Natsenov. Est. v shkole no. 5:10-17 S-O '56.

Highly profitable collective-farm greenhouse and hotbed gardening. I. A. Kudrevich. Sad i og. no. 9:9-14 S '56.

Let's make preparations for greenhouse and hotbed gardening. D. I. Natsentov. Sad i og. no. 9:6-9 S '56.

GREENHOUSES
(see also subdivision under Kiev)
Make your own greenhouse. A. Novoselov. IUn. nat. no. 6:13-15 S '56.

Trub, I. A., and E. I. Monokrobich. [Using waste industrial heat in greenhouses and hothouses] Ispol'zovanie otbrosnogo tepla promyshlennosti v teplitsakh i parnikakh. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 91 p.

GREENHOUSES—HEATING AND VENTILATION
Experience of the Moscow Petroleum Refinery in heating greenhouses. M. G. Sushchevskii. Nauka i pered. op. v sel'khoz. no. 9:47-49 S '56.

Natural gas heating in vegetable hothouses. Gaz. prom. no. 9:26-27 S '56.

GRINDING AND POLISHING
(see also subdivision under Kharkov)
Bin charging and power feed of machine parts for automatic undercut grinding. S. M. Zonnenberg. Stan. i instr. 27 no. 7:35-36 Jl '56.

Calculating the technological process of grinding and polishing plate glass. P. IA. Bekin. Stek. i ker. 13 no. 8:6-9 Ag '56.

Grinding hard alloys by current-conducting abrasives. B. S. Korshunov. Vest. mash. 36 no. 6:39-40 Je '56.

Grinding machine-parts surfaces by abrasive liquids. N. G. Markov, F. V. Kislikov, M. M. Trukhachev. Vest. mash. 36 no. 9:56-57 S '56.

Specific loss of wood in grinding. S. B. IUdin. Der. prom. 5 no. 8:11 Ag '56.

Vertical brush polishing machine. A. Pozdniakov. Priborostroenie no. 9:29-30 S '56.

GRINDING WHEELS
Cooling of workpieces through the pores of grinding disks. S. A. Malorov. Vest. mash. 36 no. 6:38-39 Je '56.

GROCERY TRADE—HYGIENIC ASPECTS
Participation of feldshers in the sanitary inspection of food stores. V. L. Gnoevaia, E. N. Ivanova. Fel'd. i akush. 21 no. 9:45-49 S '56.

GROTTOES see Caves

GROUPS, THEORY OF
Associative systems lattice-isomorphous to the group. Part. 1. P. V. Petropavlovskaia. Vest. Len. un. 11 no. 13:5-20 '56.

Rings with the condition of annihilation. V. A. Andrunakevich. Izv. AN SSSR. Ser. mat. 20 no. 4:547-568 Jl-Ag '56.

Semicommutative multiplications. M. A. Fridman. Dokl. AN SSSR 109 no. 4:710-712 Ag '56.

Theory of nilpotent locally bicompact groups. V. M. Glushkov. Izv. AN SSSR, Ser. mat. 20 no. 4:513-546 Jl-Ag '56.

GROUSE see subdivision under Sayan Mountains

GROWTH
Development of some internal characteristics in terrestial vertebrates [with English summary in insert]. S. S. Shvarts. Zool. zhur. 35 no. 6:804-819 Je '56.

GROWTH (PLANTS)
Dynamics of the transmission of plastic matter from leaves to the axillary shoots in Perilla during various phases of its ontogenetic development. V. O. Kazarian. Dokl. AN Arm. SSR 9 no. 5:219-223 '48.

Minor cycle of growth and development in Paris quadrifolia L. [with summary in English]. T. T. Trofimov. Biul. MOIP. Otd. biol. 61 no. 3:61-71 My-Je '56.

GROWTH PROMOTING SUBSTANCES
(see also subdivision under Bulgaria)
Effect of a stimulant, extracted from petroleum industrial waste, on the development and antibiotic activity of certain fungi [in Azerbaijani with summary in Russian]. G. S. Kasimova, T. A. Babaeva. Dokl. AN Azerb. SSR 12 no. 9:655-660 '56.

Effect of the growth promoting substance of petroleum origin on the growth and development of chicks [in Azerbaijani with summary in Russian]. M. A. Akhundov. Dokl. AN Azerb. SSR 12 no. 8:575-581 '56.

Growth promoting substances of the liver and spleen. G. P. Mushegian. Dokl. AN Arm. SSR 9 no. 2:91-92 '48.

Influence of a growth promoting substance of petroleum origin on the growth and development of some perennial plants. A. N. Giul'akhmedov. Dokl. AN Azerb. SSR 12 no. 6:427-432 '56.

Influence of a stimulant of petroleum origin on the development of Azobacter and other bacteria in pure cultures. G. S. Kasimova. Dokl. AN Azerb. SSR 12 no. 6:421-425 '56.

Influence of growth promoting substances on phosphorous metabolism in tomatoes. N. I. IAkushkina. Dokl. AN SSSR 109 no. 3:635-637 Jl '56.

GROZNYY—PETROLEUM ENGINEERING
Hydraulic fracturing of oil sands in the Groznyy oil fields. G. T. Zholobov, V. G. Pavlcev. Azerb. neft. khoz. 35 no. 5:14-15 My '56.

GROZNYY PROVINCE—ANTIQUITIES
New archaeological discoveries in Groznyy Province. O. V. Miloradovich. Krat. soob. IIMK no. 64:132-134 '56.

GROZNYY PROVINCE—INSURANCE, SOCIAL
Groznyy contrasts. A. Salakhutdinov. Sots. obesp. 17 no. 8:10-17 Ag '56.

GROZNYY PROVINCE—PETROLEUM INDUSTRY
Consider vital and urgent questions. M. Katugin. Sov. profsoiuzy 4 no. 7:56-57 Jl '56.

GUANIDINE
Formation of guanidine nitrate by the ammonolysis of cyanoguanidine. S. N. Kazarnovskii, N. I. Moshchanskaia. Zhur. ob. khim. 26 no. 7:1948-1950 Jl '56.

Reaction of dicyandiamide with caproic, isocheptanoic, stearic, and azelaic acids [in Armenian with summary in Russian]. M. T. Dangian, S. G. Titanian. Nauch. trudy Erev. un. no. 53:27-32 '56.

GUAYULE
Studying the gum of guayule. A. A. Shamshurin. Dokl. AN Tadzh. SSR no. 1:13-16 '51.

Studying the gum of guayule. Report no. 2. A. A. Shamshurin. Dokl. AN Tadzh. SSR no. 5:19-22 '52.

GUBAREV, A. P., 1855-1931
"A. P. Gubarev, 1855-1931"; from the series "Prominent Persons in Russian medicine." G. Z. Riabov. Reviewed by B. D. Petrov. Klin. med. 34 no. 6:93-94 Je '56.

GUERICKE, OTTO VON, 1602-1686
A. Kaufeldt's works: "Nicolaus Copernicus," "Otto Guericke," and "Leonardo Da Vinci's flying apparatus" [in German]. Reviewed by V. P. Zubov. Vop. ist. est. i tekh. no. 1:302 '56.

GULIAI POLE DISTRICT—SHEEP
We are increasing the production of fine wool. O. O. Chausovs'kyi. Sots. tvar. 28 no. 10:9-12 O '56.

GUL'KEVICHI DISTRICT—CORN (MAIZE)
District-wide sowing of hybrid seed corn. P. I. Pugachev. Kukuruza 1 no. 3:1-5 Je '56.

GUM ARABIC
Some data as to the complex formation within the system: serum albumin - arabic gum. A. I. Oparin and others. Dokl. AN SSSR 108 no. 6:1125-1127 Je '56.

GUMMOSIS see subdivision under Armenia

GUMS—DISEASES
Pyorrhea alveolaris. A. E. Verlotskii. Fel'd. i akush. 21 no. 8:3-5 S '56.

GUMS AND RESINS
Investigation of root resin in Ferula gumosa Boiss. G. V. Pigulevskii, T. N. Naugol'naia. Dokl. AN SSSR 108 no. 5:853-855 Je '56.
Resin. IA. Kiselev. Znan. sila 31 no. 9:26 S '56.
Studying the gum of guayule. A. A. Shamshurin. Dokl. AN Tadzh. SSR no. 1:13-18 '51.
Studying the gum of guayule. Report no. 2. A. A. Shamshurin. Dokl. AN Tadzh. SSR no. 5:19-22 '52.
Utilization of ion-exchanging resins in the preparation of therapeutic protein hydrolysates. V. A. IUr'ev, Z. A. Chaplygina. Vop. med. khim. 2 no. 3:175-178 My-Je '56.

GUNS see Rifles

GURYEV PROVINCE—REED (BOTANY)
Economic importance of the reed zone along the northern coast of the Caspian. M. S. Bulanovskii. Trudy Inst. bot. AN Kazakh. SSR 3:212-224 '56.

GUS'-KHRUSTAL'NYY—GLASS MANUFACTURE
The 200th anniversary of the Gus' Crystal Plant. G. V. Savonichev. Leg. prom. 16 no. 7:17-18 Jl '56.

GUSINOYE, LAKE—UNIONIDAE
New Mesozoic Unionidae from the coal-bearing deposits in the Lake Gusinoye region. Ch. M. Kolesnikov. Dokl. AN SSSR 108 no. 6:1167-1170 Je '56.

GUTTA-PERCHA
Development of gutta-percha containers in eucommia. E. K. Nizkovskaia. Dokl. AN Tadzh. SSR no. 5:23-29 '52.
Localization of gutta-percha in eucommia. E. K. Nizkovskaia. Dokl. AN Tadzh. SSR no. 1:23-30 '56.

GUZIK, ANNA
Concerts by Anna Guzik. Teatr 17 no. 8:183 Ag '56.

GYMNASTICS
First trainer. A. Sokolovskii. Pioner no. 9:73-76 S '56.
Gugin, A. A. [Exercises on the triple bar; a teacher's manual] Uprazhnenila na troinom bume; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 85 p.
[Gymnastics in the U. S. S. R.] [Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956] L v. (unpaged)
More energy, accuracy, and boldness. Taisiia Demidenko. Fizk. i sport 26 no. 9:32 '56.
Russia (1923- U.S.S.R.) Komitet po fizicheskoi kul'ture i sportu. [Unified classification program for women's gymnastics (classes 3,2 and] Edinaia klassifikatsionnaia programma po sportivnoi gimnastike dlia zhenshchin (III, II i I razriady). Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 58 p.
Ten points! E. Dmitriev. Smena 33 no. 15:18 Ag '56.
Two careers. L. Filatov. Smena 33 no. 15:15 Ag '56.

GYPSUM
Crystallization theory of solidification of binding gypsum substances. IA. L. Zabezhinskii, V. B. Ratinov, T. I. Rozenberg. Dokl. AN SSSR 108 no. 6:1137-1139 Je '56.
Neutralization of hydrolyzates with controlled crystallization of gypsum. M. M. Malkutin, E. B. Ivashkevich, A. E. Norina. Gidroliz. i lesokhim. prom. 9 no. 6:21-22 '56.
Study of the solidification mechanisms of gypsum binding materials with admixtures. V. B. Ratinov, IA. L. Zabezhinskii, T. I. Rozenberg. Dokl. AN SSSR 109 no. 5: 979-981 Ag '56.

GYROCOMPASS
New gyrocompass for the merchant marine. A. IAkushenkov. Mor. flot 16 no. 8:9-11 Ag '56.

GYROSCOPE
Notes about gyroscope. M. Martyniuk. Znan. sila 31 no. 9:27-30 S '56.

OZHATSK DISTRICT—AGRICULTURE
Ozhatsk encounters. P. Buchneva. Znamia 26 no. 9: 91 S '56.

HABIT
How to form a habit [to be continued]. S. IA. Rubinshtein. Sem'ia i shkola 11 no. 10:4-6 O '56.

HACKBERRY
Anatomical drought-resistant characteristics of the Caucasian hackberry. IU. M. Agaev. Dokl. AN Azerb. SSR 12 no. 9:865-871 '56.

HAIR—DISEASES
Hydrogen sulfide cap for treating loss of hair and dandruff. V. M. Fedotov, A. S. Nevraeva. Vop. kur. fiziolet. i lech. fiz. kul't. 21 no. 3:75-75 Jl-S '56.

HAIR, REMOVAL OF
Modified postepilatory treatment in fungus diseases. B. D. Pletnev, T. A. Butareva. Vest. ven. i derm. 30 no. 4:53 Jl-Ag '56.

HALIDES
Halide complexes of zinc, cadmium, and mercury in aqueous solutions. S. A. Shchukarev, L. S. Lilich, V. A. Latysheva. Zhur. neorg. khim. 1 no. 2:225-231 F '56.
Infrared absorption spectra of some complex organic compounds of aluminum bromide and tin tetrachloride. V. N. Filimonov, A. N. Terenin. Dokl. AN SSSR 109 no. 4:799-801 Ag '56.
Rapid methods of microelementary analysis. Communication 10. Problem of a simultaneous determination of carbon, hydrogen, and halides in halideorganic compounds [with English summary in insert]. M. O. Korshun, N. S. Sheveleva. Zhur. anal. khim. 11 no. 4:376-382 Jl-Ag '56.
Reactions of perfluoro olefins. Part 5. Reactions for the conjugate addition of halides. I. L. Knunlants, E. IA. Pervova, V. V. Tiuleneva. Izv. AN SSSR. Otd. khim. nauk no. 7:843-849 Jl '56.

HALOGEN COMPOUNDS
Combinations of polonium with halogens. N. G. Poliauskii. Priroda 45 no. 9:88-89 S '56.

HALOXYLON see subdivision under Kazakhstan

HALOXYLON—DISEASES AND PESTS
Jumping plant lice of the genus Caillardia Bergevin (Homoptera, Psyllidae) harmful to saksaul [with summary in English]. M. M. Loginova-Dudykina, V. IA. Parfent'ev. Ent. oboz. 35 no. 2:377-396 '56.

HAMBURG—STUDENTS
Monday, May 7. Gerhard Schneider. Vsem. stud. nov. 10 no. 8:6 Ag '56.

HAND TRUCKS
Hand trucks in poultry plants with the caged system of keeping fowl. G. S. Zhuravlev. Ptitsevodstvo 6 no. 9: 39-41 S '56.

HANDBALL, FIELD see Field handball

HANDLING OF MATERIALS see Material handling

HANOVER—MACHINE TOOLS—EXHIBITIONS
Exhibition in Hanover. B. E. Kinkul'kin. Vest. mash. 36 no. 6:82-88 Je '56.

HANOVER—SOCCER
In Moscow and in Hannover. N. Simonian. Ogonek 34 no. 39:25 S '56.

HARBORS
(see also subdivision under Osetrovo)
Erratic waves and the wave system in ports. A. S. Ofitserov. Trudy gidrav. lab. VODGEO no. 3:49-61 '52.
New harbor embankment designs. S. Kamenskii, I. Medovikov. Mor. flot 16 no. 9:18-22 S '56.
Regulation of work shifts in ports. A. Polovol. Mor. flot 16 no. 8:6-8 Ag '56.
Wave investigation for the water area of ports. A. S. Ofitserov. Trudy gidrav. lab. VODGEO no. 4:4-28 '55.

HARD FACING
Coating runner chambers in high-power hydraulic turbines. I. R. Krianin, V. A. Lapidus. Energomashinostroenie no. 8:22-24 Ag '56.

HARDBOARD
Hardboard. I. K. Prokhorov. Les. prom. 34 no. 9:24-27 S '56.

HARES see subdivision under Penza Province; Ussuri region

HARMONIC ANALYSIS
Formulas for practical harmonic analysis and certain problems for estimates of uniform approximations of functions. A. S. Shteinberg. Nauk. zap. Kiev. un. 8 no. 4:105-110 '49.
Numerical harmonic analysis performed by means of focal ordinates. A. A. Popov. Inzh. sbor. 23:214-230 '56.
Numerical solution for polyharmonic nonuniform equations. Sh. E. Mikeladze. Inzh. sbor. 23:190-202 '56.

HARMONIC FUNCTIONS
Certain properties of harmonic functions given in a semispace. O. V. Vesov. Izv. AN SSSR. Ser. mat. 20 no. 4:469-484 Jl-Ag '56.
Web method for the approximate solution of a compound boundary value problem for Laplace's equation. K. A. Allakhverdiev. Trudy Azerb. ind. inst. no. 9:47-61 '55.

HARTSMAN, MOTL
In memory of the brave ("Verse." Moti Hartsman. Book review). Druzh. nar. no. 9:184-185 S '56.

HARVESTING
(see also subdivision under Altai Territory; Chkalov Province; Dzhambul District; Kazakhstan; Kustanay Province; Novo-Kubanskaya District; Pospelikha District; Semlevsk District; Shushenskoe District; Uzbekistan)
Fight for the harvest. Sov. Soiuz no. 9:5-9 S '56.
Great harvest. Mol. komm. 14 no. 9:28-30 S '56.
Harvesting grain without losses. D. G. Bunin. Nauka i pered. op. v sel'khoz. no. 7:29-31 Jl '56.
Harvesting in separate operations in areas served by leading machine-tractor stations. P. V. Ermolaev, M. M. IUdovich. Nauka i pered. op. v sel'khoz. no. 7: 56-58 Jl '56.
In the struggle for a large harvest on new lands. G. Malekhon'kov. Part. zhizn' no. 14:30-37 Jl '56.
Matter of honor. V. Stepanenko. Krest'lanka 36 no. 10:2-3 O '56.
What the experience of harvesting in two stages teaches. I. Lebedev. Part. zhizn' no. 14:21-29 Jl '56.

HARVESTING MACHINERY
Concentrate on the development and testing of new harvesting machinery. Sel'khozmashina no. 8:1-2 Ag '56.
Greater efficiency in harvesting vegetables. A. Zhiganov, IU. Reisler. Tekhsov. MTS 17 no. 15:1-4 Ag '56.
High seasonal production norms obtained with the hemp harvester. V. V. Sidilarenko. Len. i konop. no. 4:40-42 Je '56.
Let's use equipment efficiently in reaping the harvest. I. Shcherbatykh. Mosk. prop. 13 no. 8:57-60 Ag '56.
Mechanizing vegetable harvesting. P. I. Voitov. Sad i og. no. 8:19-21 Ag '56.
New harvesting equipment in beet fields. P. Petersen. Kolkh. proizv. 16 no. 9:36 S '56.
Producing four times the annual norm with the flax puller. M. M. Buspalov. Len. i konop. no. 4:37-40 Je '56.
Simple machines for harvesting potatoes. S. Gerasimov. Tekhsov. MTS 17 no. 15:4-7 Ag '56.

HAŠEK, JAROSLAV, 1883-1923
New documents on Jaroslav Hašek. V. P. Skorokhodov. Ist. arkh. no. 4:251-255 Jl-Ag '56.

HAUPTMAN, GERHART JOHANN ROBERT, 1862-1946
With Gerhart Hauptmann. IU. Klemanov. Inostr. lit. no. 9:256-260 S '56.

HAVANA—STUDENTS
Machine guns in the university. Vsem. stud. nov. 10 no. 8:27 Ag '56.

HAWAIIAN ISLANDS—SNAILS
Struggle against snails. E. Linnik. Pioner no. 10: 71 O '56.

HAWAIIAN ISLANDS—RUSSIANS—HISTORY
Tragedy of Russian immigrants in Hawaii (1909-1912). R. M. Brodskii. Nauk. zap. L'viv. un. 27:120-145 '54.

HAWKWEED see subdivision under Erivan

HAY
(see also subdivision under Kazakhstan)
Hay as a source of protein. V. A. Borisevich. Nauka i pered. op. v sel'khoz. no. 9:7-9 S '56.
Poisonous properties of hay containing Nasturtium brachycarpum. P. G. Sidorov. Veterinariia 33 no. 10: 83-84 O '56.

HAY—DRYING
Effect of the temperature of the heat-transfer agent on the process of hay drying. S. V. Ruktesheĭ. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:111-110 '56.

HEAD—WOUNDS AND INJURIES
Case of lacerated scalped wound of the head with rupture of the cutaneous and muscular layers of the lower lid of the right eye. D. M. Vovsi. Trudy AN Tadzh. SSR 40:175-176 '55.

HEADGEAR
Caps for the carnival. Kul't.-pros. rab. 17 no. 9:33-34 S '56.

HEALTH EDUCATION
Remarks on rural health education work. S. K. Drugichenko, G. A. Sushko. Fel'd. i akush. 21 no. 8:51-52 Ag '56.
Semeiko, M. V., and O. V. Chaikovskaia. [Health education in the village] Sanitarno-prosvetitel'naia propaganda na sele. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 49 p. (Bibliotechka sel'skogo klubnogo rabotnika)

HEALTH OF CHILDREN see Children—Care and hygiene

HEALTH RESORTS, WATERING PLACES, ETC.
(see also subdivision under Carlsbad; Kalinin Province; Latvia; Lunacharskoye; Odessa; Ukraine; Yalta)
Dmitrieva, N.M. [Sanatoria and health resort aid to children] Sanatorno-kurortnaia pomoshch' detiam. Moskva, Medgiz, 1956. 98 p. illus. (DAFM)
Reorganization of the sanatorium and health resort system. G. S. Eremenko. Vop. kur. fiziolet. i lech. fiz. kul't. 21 no. 3:9-17 Jl-S '56.
Resolutions of the 20th Congress of the Communist Party of the Soviet Union and tasks of the sanatorium and health resort system. Vop. kur. fiziolet. i lech. fiz. kul't. 21 no. 3:3-8 Jl-S '56.

HEALTH RESORTS, WATERING PLACES, ETC. (Continued)
Some principles of V. G. Prokopenko's general theory on the effect of health resort factors; discussion. B. M. Kopytin, G. S. Kaibanov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:77-81 Jl-S '56.
Who gets permits for sanatorium treatment and on what terms. Prom. koop. no. 8:36 Ag '56.

HEALTH RESORTS, WATERING PLACES, ETC.—PERIODICALS
Letter to the editor. V. M. Faibushevich. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:81-82 Jl-S '56.

HEARING
Conditioned response to rhythmical sound and light stimuli. A. I. IEmchenko. Fiziol. zhur. [Ukr.] 2 no. 4:116-120 Jl-Ag '56.
Perception of the pitch of a modulated signal. L. A. Chistovich. Biofizika 1 no. 5:438-447 '56.

HEART
Analysis of the mechanism of action of intra-arterial transfusion. IU. M. Gal'perin, A. P. Kandel'. Fiziol. zhur. 42 no. 7:559-564 Jl '56.
Changes in the electrical activity of the heart and brain of animals in acute radiation sickness. M. A. Movsesian, A. A. Oganisian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 8:13-20 Ag '56.
Effect of electrolytes on the rhythm of heart contractions and tetanus. A. I. IEmchenko. Nauk. zap. Kiev. un. 8 no. 3:55-70 '49.
Effect of phosphorylated carbohydrates on heart muscle. T. M. Turpaev, L. N. Bobrova, B. N. Stepanenko. Dokl. AN SSSR 109 no. 5:1077-1080 Ag '56.
"Lungs and heart of animals and man." V. N. Zhedenov. Reviewed by S. N. Bogoliubskii. Zool. zhur. 35 no. 6: 943-944 Je '56.
Microscopic anatomy of the connective tissue skeleton of the normal heart. L. D. Krymskii. Arkh. anat., gist. i embr. 33 no. 2:53-59 Ap-Je '56.
On the mechanism by which Cd ions act on the contraction of the cardiac muscle [with English summary in insert]. T. M. Turpaev, L. I. Mamedova. Biokhimiia 21 no. 4:478-481 Jl-Ag '56.
Relation between the time of ventricle contraction and cardiac rhythm. E. B. Babskii, V. L. Karpman. Dokl. AN SSSR 109 no. 2:407-410 Jl '56.
Role of the respiratory phosphorylation process in the function of the heart muscle. V. S. Shapot, G. M. Pruss. Dokl. AN SSSR 108 no. 5:899-902 Je '56.

HEART—BLOOD SUPPLY
Coronary sinus of the heart; surgical approach [with summary in English, p. 158]. N. P. Bisenkov. Vest. khir. 77 no. 7:38-46 Jl '56.
Discussion of A. M. Sigal's article "Third (coronary) circulation and its significance in cardiology." I. A. Charnogorov. Terap. arkh. 28 no. 5:72-76 '56.
Discussion of A. M. Sigal's article "Third (coronary) circulation and its significance in cardiology." V. Kh. Agekian. Terap. arkh. 28 no. 5:76-80 '56.
So-called third circulation. A. G. Gukasian, G. S. Magnitskii. Terap. arkh. 28 no. 5:69-72 '56.
Some comments on A. M. Sigal's article "Third (coronary) circulation and its significance in cardiology." V. D. Pomaskin. Terap. arkh. 28 no. 5:81-82 '56.

HEART—DISEASES
Cardiac pains in connection with some diseases of the nervous system and their treatment by baths. N. S. Chetverikov, N. I. Strelkova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:36-47 Jl-S '56.
Rehabilitation in heart diseases. Paul D. White. Klin. med. 34 no. 7:3-9 Jl '56.

HEART—INFARCTION
Detection of myocardial infarct. V. V. Zodiev, V. F. Beliaeva. Vest. rent. i rad. 31 no. 4:11-17 Jl-Ag '56.
Diagnosis and differential diagnosis of myocardial infarct. Klin. med. 34 no. 7:10-19 Jl '56.
Experimental excision of myocardial infarct [with summary in English, p. 157-158]. V. S. Sergievskii, N. V. Voronova. Vest. khir. 77 no. 7:26-28 Jl '56.
Myocardial infarct and capacity for work. G. K. Lavskii, V. V. Borisova, K. O. Likhareva. Klin. med. 34 no. 7: 46-50 Jl '56.

HEART—INNERVATION
Extracardiac nerves in turtles. B. M. Erez. Dokl. AN Tadzh. SSR no. 15:105-111 '56.
Intracardiac nervous system in certain birds. B. M. Erez. Dokl. AN Tadzh. SSR no. 15:95-100 '56.
Intracardiac nervous system in certain reptiles. B. M. Erez. Dokl. AN Tadzh. SSR no. 15:101-103 '56.

HEART—PALPITATION
Differentiation of auricular flutter from auricular fibrillation. E. A. Ozol. Klin. med. 34 no. 5:69-73 My '56.

HEART—RADIOGRAPHY
Comparative electrocardiographic and roentgenokymographic data in evaluating the functional condition of the heart. A. I. Rosno. Vest. rent. i rad. 31 no. 4:18-22 Jl-Ag '56.

HEART—SURGERY
Essential questions on cardiac surgery in children. B. V. Petrovskii. Sov. med. 20 no. 8:8-17 Ag '56.

HEART—TRANSPLANTATION
Experimental transplantation of the heart [with summary in English, p. 156]. N. P. Sinitsyn. Vest. khir. 77 no. 7:28-37 Jl '56.

HEART—VALVES
Atrioventricular valve apparatus in a normal state and in mitral stenosis [with summary in English, p. 158]. T. S. Voropaev. Vest. khir. 77 no. 7:45-57 Jl '56.

HEART BLOCK
On the Morgagni - Adams - Stokes syndrome. I. S. Shnitser. Klin. med. 34 no. 7:78-79 Jl '56.

HEART FAILURE
Errors in the diagnosis of heart failure in patients with adhesive pericarditis. M. A. Ivanitskaia. Vest. rent. i rad. 31 no. 4:22-27 Jl-Ag '56.
Syndrome of right ventricular insufficiency in hypertension. R. O. Kushkii. Klin. med. 34 no. 5:49-52 My '56.

HEAT
Relation between heat generation and atomic volume of metals. M. G. Ramazanzade. Trudy Azerb. ind. inst. no. 8:119-122 '54.

HEAT—CONDUCTION
One problem in thermal conductivity. R. S. Minasian. Dokl. AN Arm. SSR 12 no. 3:65-71 '50.
Optical determination of thermal conductivity of liquid-sand and its use in physicochemical analysis. V. P. Frontas'ev. Zhur. neorg. khim. 1 no. 6:1322-1327 Je '56.
Stable form of free surface in a thin layer of heated liquid. R. A. Alimov. Dokl. AN SSSR 109 no. 3:559-560 Jl '56.

HEAT—RADIATION AND ABSORPTION
Kondrat'ev, K. IA. [Radiant heat exchange in the atmosphere] Luchistyi teploobmen v atmosfere. Pod red. P. N. Tverskogo. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 419 p.

HEAT—TRANSMISSION
Developing a method for the integration of experimental data on heat transmission in devices with complex extratubular space and its practical application. M. F. Naglov, P. V. Karamzin. Izv. AN Azerb. SSR no. 4:33-46 Ap '56.
Heat exchange and annealing during the vertical drawing of sheet glass. N. A. Zakharikov. Trudy Inst. isp. gaza AN URSR 2:83-124 '54.
Investigating the heat and mass exchange in capillary-porous bodies with methods based on the theory of similitude as applied to the processes of drying and baking. A. V. Lykov, L. IA. Auerman, A. S. Ginzburg. Trudy MTIPP 4:5-18 '56.
Nomogram for heat calculations of vertical shell and tube condensers. G. Vikhorev. Khol. tekh. 33 no. 3: 26-28 Jl-S '56.
On the solution of Stefan's reverse problem on semispace when the phase boundary moves according to a linear law. G. A. Martynov. Dokl. AN SSSR 109 no. 2:278-282 Jl '56.
Study of heat exchange in glass furnaces. N. A. Zakharikov, L. S. Ploro. Trudy Inst. isp. gaza AN URSR 2:17-32 '54.

HEAT AS A DISINFECTANT
Biological foundation of the in vivo disinfection of plants and poikilothermic animals by means of high temperatures. B. L. Astaurov. Usp. sovr. biol. 42 no. 1: 62-86 Jl-Ag '56.

HEAT ENGINEERING
All-Union Heat-Engineering Institute in the sixth five-year plan. Teploenergetika 3 no. 8:56 Ag '56.
Experimental industrial installation for thermal processing of shale smalls with solid agents for heat transfer. N. E. Kunakov and others. Gaz. prom. no. 9:8-12 S '56.
Some problems of heat supply in enterprises manufacturing reinforced concrete products. P. M. Rozenfel'd. Stroi. prom. 34 no. 8:20-22 Ag '56.
Trub, I.A., and E.I.Monokrobich. [Using waste industrial heat in greenhouses and hotbeds] Ispol'zovanie otbrosnogo tepla promyshlennosti v teplitsakh i parnikakh. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 91 p.

HEAT ENGINES
Effective graphic method for plotting a working diagram on the basis of a developed indicator diagram. N. B. Kadirov. Trudy Azerb. ind. inst. no. 8:123-130 '54.

HEAT EXCHANGERS
Controlling biological growths on heat exchange and water purification apparatus. G. S. Rodionov. Gidroliz. i lesokhim. prom. 9 no. 8:28 '56.
Determining the temperature of the working fluid and the heating surface of heat exchangers. N. B. Kadirov. Trudy Azerb. ind. inst. no. 9:82-97 '56.
Effectiveness of using the "Baklinskii operation" heat exchanger in petroleum refineries. I. S. Golomshtok and others. Azerb. neft. khoz. 35 no. 5:27-28 My '56.
New bubbling apparatus for adsorption and heat exchange processes. I. N. Kuz'minykh. Khim. prom. no. 4:234-237 Je '56.

HEAT IN ANIMALS see Estrus

HEAT OF FORMATION
Correlation of heats of formation. A. F. Kapustinskii. Zhur. fiz. khim. 30 no. 6:1420-1412 Je '56.
Temperature of heat formation in homologous series of hydrocarbons. M. Kh. Karapet'ian. Khim. i tekh. topl. no. 9:22-34 S '56.

HEAT OF SOLUTION
Relation of the heat of a solution to the physical state of polymers. S. I. Mearson, S. M. Lipatov. Koll. zhur. 18 no. 4:447-455 Jl-Ag '56.

HEAT OF WETTING
Studying the heat of wetting of activated carbon by solvents and their mixtures. N. F. Ermolenka, I. P. Kutanau. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:87-93 '56.

HEAT PUMPS
(see also subdivision under Canada)
Diagrams, parameters, and types of heat pumps used in single-pipe district heating systems. F. S. Mazitova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:13-26 '55.
Using heat pumps in district heating systems. F. S. Mazitova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:3-12 '55.

HEAT REGENERATORS
Conference on the results of using waste heat boilers at open-hearth furances. Z. S. Kurilander. Metallurg no. 8:35 Ag '56.

HEAT RESISTANT ALLOYS
Principal constitution and heat resistance diagrams of metal systems. M. V. Zakharov. Issl. splav. tsvet. met. no. 1:25-41 '55.

HEAT TREATING FURNACES see Furnaces, Heat treating

HEAT TREATMENT OF STEEL see Steel—Heat treatment

HEATING
(see also subdivision under Moscow)
Heat characteristics in buildings. A. M. Borshtein. Vod. i san. tekh. no. 9:19-20 S '56.
Heat losses in buildings and coefficient of reserve in determining surface heat of boilers (critical notes to the SN and P). V. M. Kuznetsov. Vod. i san. tekh. no. 9:20 S '56.
Installing central heating in detached houses. Sel'. stroi. 11 no. 8:30-31 Ag '56.
Liber, I.S., and M.K. Fedorov. [Concrete sanitary engineering blocks and heating installations] Betonnye sanitarno-tekhnicheskie bloki i nagrevatel'nye pribory. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p.
Tables for selecting building walls according to heat engineering requirements (for industrial, public and subsidiary buildings and apartment houses). A. M. Shimanovich. Vod. i san. tekh. no. 9:21-26 S '56.

HEATING COSTS
Norms for fuel consumption in heating apartment houses. G. N. Ustinov. Vod. i san. tekh. no. 8:33-34 Ag '56.

HEATING FROM CENTRAL STATIONS
Diagrams, parameters, and types of heat pumps used in single-pipe district heating systems. F. S. Mazitova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:13-26 '55.
Using heat pumps in district heating systems. F. S. Mazitova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:3-12 '55.

HEATING PLANTS
Power, technical, and economic indexes for heat supply systems in large towns. E. IA. Sokolov, IA. M. Rubinshtein, N. M. Zinger. Teploenergetika 3 no. 8:31-38 Ag '56.

HEAVY WATER see Deuterium oxide

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831
The German Democratic Republic. K. V. Shokhin. Vop. filos. no. 4:209-212 '56.

HEINE, HEINRICH, 1797-1856
H. Heine's anniversary. R. M. Samarin. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:392-395 Jl-Ag '56.

HEINE, HEINRICH, 1797-1856—TRANSLATIONS INTO UKRAINIAN
On the road to realism. IAkym IArema. Ukraina no. 16:12 Ag '56.

HELICOPTERS
Air and land motorcycles. N. Vysotskaia. Pioner no. 9:66-67 S '56.

HELIOTHERAPY see Sun baths

HELIUM
Excitation of helium in the solar chromosphere. V. A. Krat, V. M. Sobolev. Dokl. AN Azerb. SSR 12 no. 9: 617-621 '56.

HELIUM—ISOTOPES
A study of the reaction of $He^3$ with deuterons. A. P. Kliucharev, B. N. Esel'son, A. K. Val'ter. Dokl. AN SSSR 109 no. 4:737-739 Ag '56.

HELSINKI—PEACE—CONGRESSES
[World Peace Assembly; Helsinki, June 22-29, 1955] Vsemirnaia Assambleia mira; Khel'sinki 22-29 iiunia 1955 g. Moskva, Gos. izd-vo polit. lit-ry, 1956. 783 p.

HELSINKI—TRADE UNIONS—CONGRESSES
Unity is a characteristic feature of the congress of the Central Association of Finnish Trade Unions. Erkki Salomaa. Vsem. prof. dvizh. no. 8:22-23 Ag '56.

HEMATOLOGY see Blood

HEMINGWAY, ERNEST, 1898-
Reply to the critic Vladislav Drobyshevskii. Sergei L'vov. Zvezda no. 8:188-189 Ag '56.

HEMOGLOBIN
Dynamics of the alkaline denaturation of hemoglobin derivatives in man and animals. V. V. Popov, B. A. Sobchuk. Ukr. biokhim. zhur. 28 no. 3:260-264 '56.
In reference to S. A. Troitskii's letter. G. V. Derviz. Lab. delo 2 no. 1:29-30 Ja-F '56.
Letter to the editor. S. A. Troitskii. Lab. delo 2 no. 1: 29 Ja-F '56.

HEMOLYSIS AND HEMOLYSINS
On the origin and mode of accumulation of the hemolytic factor observed in the liver of X-rayed rats. IU. B. Kudriashov. Dokl. AN SSSR 109 no. 3:515-518 Jl '56.

HEMORRHAGE
Accomodation capacity of the cardiovascular system during blood loss in dogs following high total transection of the spinal cord. N. S. Dzhavadian. Fiziol. zhur. 42 no. 7:553-548 Jl '56.
New scheme of blood of coagulation and hemorrhagic diatheses. E. Sirmay. Ukr. biokhim. zhur. 28 no. 3:317-322 '56.

HEMOSIDERIN
Hemosiderosis of the lungs in mitral valve diseases. L. E. Kevesh. Vest. rent. i rad. 31 no. 4:27-32 Jl-Ag '56.

HEMOSPORIDIA
(see also subdivision under Tajikistan)
The role of small mammals inhabiting pastures and farms in the development and distribution of tick vectors of hemosporidiosis in farm animals in Tajikistan. E. F. Sosnina. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:105-114 '56.

HEMP
(see also subdivision under Cherkassy Province; Moldavia)
Advanced practices in growing flax and hemp. S. M. Tikhomirov. Len. i konop. no. 4:11-14 Je '56.
Change of sex in hemp. F. E. Rudenko. Bot. zhur. 41 no. 6:868-876 Je '56.
Hemp as one of the most important crops as diversified collective farms. F. I. Avramkin, A. P. Demkin. Len. i konop. no. 3:7-9 My '56.
Inspiring example of efficient workers. Len. i konop. no. 4:1-4 Je '56.
Plots for growing hemp seed. A. P. Demkin. Len. i konop. no. 4:30-33 Je '56.
Retting hemp bast using a bacterial starter. L. P. Krutikova, B. V. Lesik. Dokl. Akad. sel'khoz. 21 no. 7:30-35 '56.
Use of chemical accelerants in retting hemp. B. V. Lesik. Len. i konop. no. 4:45-47 Je '56.
Ways of lowering the amount of labor expended in growing hemp. V. N. Rudnikov. Len. i konop. no. 4:5-8 Je '56.
Work results with the new hemp thresher. N. Kosnikov. MTS 16 no. 9:39 S '56.

HEMP—HARVESTING
High seasonal production norms obtained with the hemp harvester. V. V. Sidliarenko. Len. i konop. no. 4:40-42 Je '56.

HEMPS see subdivision under Penza Province

HEPARIN
Obtaining and standardizing heparin preparations from the lungs of cattle. A. I. Karaev and others. Dokl. AN Azerb. SSR 12 no. 6:405-413 '56.

HEPATITIS, INFECTIOUS
Botkin's disease. M. I. Veksler. Fel'd. i akush. 21 no. 8:7-11 Ag '56.
Metabolism of phospholipids and choline in Botkin's disease. Z. N. Popova. Vop. med. khim. 2 no. 3:179-181 My-Je '56.
Using a Ginseng preparation in Botkin's disease. G. A. Dunaevskii. Mat. k izuch. zhen'-shenia i lim. no. 2:189-195 '55.

HEPTANE
Catalytic alkylation of normal heptane by propylene and of normal butane by butylene at high temperatures and high pressures. L. Kh. Freidlin, A. A. Balandin, N. M. Nazarova. Dokl. AN SSSR 109 no. 1:105-108 Jl-Ag '56.

HERBICIDES
(see also subdivision under United States)
Chemical control of the Egyptian broomrape. D. T. Kabulov, S. IU. IUnusov. Sad i og. no. 8:28 Ag '56.
Chemical control of willow thickets on pastures. P. A. Samgin. Nauka i pered. op. v sel'khoz. no. 9:28-30 S '56.
Pasture poisoning and chemical means of controlling poisonous plants. S. G. Miuge. Zhivotnovodstvo no. 8: 75-78 Ag '56.

HEREDITY
Does the possibility of vegetative hybridization contradict the theory of the role of chromosomes in heredity? IU. M. Olenov. Bot. zhur. 41 no. 7:1001-1005 Jl '56.

HERNIA
Unusual case of acute gangrenous appendicitis in a strangulated scrotal hernia in a one-and-a-half-year-old child. A. M. Aliev. Sov. med. 20 no. 8:82 Ag '56.

HERRING
Case of staphylococcus poisoning from eating freshly salted herring. A. B. Gol'dberg. Gig. i san. 21 no. 9: 79-80 S '56.

HERTIZIAN WAVES see Electric waves

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870
A. I. Hertzen, ethnographer and folklorist. V. E. Gusev. Trudy Inst. etn. 30 no. 1:221-234 '56.
A. I. Hertzen's criticism of the capitalist system and the bourgeois state. V. M. Katrych. Nauk. zap. Kiev. un. 14 no. 7:57-76 '55.
Hertzen and "Muzyckaja pravda" (The peasants' truth). A. Zhukouski. Belarus' 13 no. 9:29 S '56.
Problems of crime and punishment in A. I. Hertzen's works. IA. M. Brainin. Nauk. zap. Kiev. un. 14 no. 7: 77-96 '55.
Romanticism in the literary works of the young A. I. Hertzen. A. L. Dymshits. Uch. zap. Ped. inst. Gerts. 120:151-168 '55.

HETEROCYCLIC COMPOUNDS—SPECTRA
Raman spectra of heterocyclic compounds. Part 3. P. A. Akishin, N. G. Rambidi, IU. K. IUr'ev. Vest. Mosk. un. 11 no. 5:61-67 My '56.

HETEROSIS
Making use of heterosis of cultivated plants. D. K. TSikov. Priroda 45 no. 9:68-70 S '56.

HETEROSTYLISM
Analysis of buckwheat pollen from the legs of bees. N. S. Davydova. Uch. zap. Kish. un. 13:167-173 '54.

HEXACHLORON see Benzene hexachloride

HEXANOIC ACID
Synthesis with the aid of the nitrile of acrylic acid. Part 26. $\gamma$-benzoylcaproic acid and its derivatives. A. N. Kost, A. P. Terentiev. Zhur. ob. khim. 26 no. 7: 1992-1993 Jl '56.

HEXOKINASE
Dependence of the hexokinase-inhibiting properties of the plasma $\beta$-lipoprotein fraction on cortisone and insulin. V. S. Il'in, G. V. Titova. Vop. med. khim. 2 no. 4:243-251 Jl-Ag '56.
Mechanism of the action of insulin on the hexokinase reaction. V. S. Il'in, G. V. Titova. Vop. med. khim. 2 no. 3:203-209 My-Je '56.

HIDES AND SKINS
For further economy of raw materials used in the leather industry. T. S. TSykhanskii. Leg. prom. 16 no. 7:12-14 Jl '56.
Stretching of skins on frames and its effective control. A. A. Umanskii, M. L. Derbaremdiker. Leg. prom. 16 no. 7:43 Jl '56.

HIGH BLOOD PRESSURE see Hypertension

HIGH MOLECULAR WEIGHT COMPOUNDS
Composition and properties of petroleum high molecular weight compounds. Article 3: Study of the composition and properties of the tarry portion of Tuymazy (Devonian) petroleum. S. R. Sergienko and others. Trudy Inst. neft. 8:35-41 '56.
Composition and properties of petroleum high molecular weight compounds. Article 4. Study of the composition and properties of the tarry portion of Romashkinskiy (Devonian) petroleum. S. R. Sergienko and others. Trudy Inst. neft. 8:42-46 '56.
Composition and properties of petroleum high molecular weight compounds. Article 5: Study of the composition and properties of the tarry portion of Bavly (Devonian) petroleum. S. R. Sergienko and others. Trudy Inst. neft. 8:47-51 '56.
Study of the petroleum high molecular weight compounds. Article 6: Composition and properties of the tarry portion of Kzyl-Tumshukskiy petroleum. S. R. Sergienko, V. P. Chaiko, Z. A. Rumiantseva. Trudy Inst. neft. 8:52-59 '56.

HIGH MOLECULAR WEIGHT COMPOUNDS—CONGRESSES
Seventh conference on problems of the chemistry and physics of high molecular weight compounds. V. A. Kropachev. Koll. zhur. 18 no. 4:506-510 Jl-Ag '56.

HIGH TEMPERATURE METALLURGY see Metals at high temperatures

HIGHER EDUCATION see Education, Higher

HIGHWAY CONSTRUCTION see Road construction

HIGHWAY DEPARTMENTS
Improve the organization of local road operation units. L. Neveselyi. Avt. dor. 19 no. 8:17 Ag '56.

HIGHWAYS see Roads

HIKING
Fine impression from the diary of young hikers. Pioner no. 9:52-53 S '56.

HIKMET, NAZIM, 1902-
"Did Ivan Ivanovich exist?" by Nazim Hikmet. Teatr 17 no. 8:117-118 Ag '56.

HIMALAYA—MOUNTAINEERING
Assault of the Himalaya continues. Vokrug.sveta no. 9:13 S '56.

HIPPURIC ACID
Age peculiarities in the synthesis of hippuric acid. I. A. Meditanik. Nauk. zap. L'viv. un. 26:113-117 '54.

HIRNYK, MYKOLA
Lyric drama and its solution ("Camomile blossom"; a lyric diary. Mykola Hirnyk. Reviewed by Mariia Val'o). Zhovten' 6 no. 10:114-116 O '56.

HISTAMINE
Effect of histamine and acetylcholine on the contraction of the uterus. M. S. Grigorian. Dokl. AN Arm. SSR 9 no. 4:187-191 '48.

HISTOLOGY
Specific nature and tasks of ecological histophysiology as one of the directions in histological investigations. N. L. Gerbil'skii. Arkh. anat., gist. i embr. 33 no. 2:14-21 Ap-Je '56.

HISTOLOGY, PATHOLOGICAL
Merkulov, G.A. [Course on techniques in pathological histology] Kurs patologogistologicheskoi tekhniki. Izd. 3-e, ispr. i dop. [Leningrad] Gos. izd-vo med. lit-ry. Leningradskoe otd-nie, 1956. 261 p.

HISTORIC HOUSES, ETC. see subdivision under Lvov; Shchelykovo

HISTORICAL CHRONOLOGY see Chronology, Historical

HISTORICAL GEOGRAPHY see subdivision 'Geography, Historical' under Ukraine

HISTORICAL MUSEUMS see subdivision under Moscow

HISTORIOGRAPHY
"Outline history of the science of history in the U. S. S. R." Reviewed by A. M. Sakharov and others. Vop. ist. no. 7:116-127 Jl '56.
Russian revolutionary and democratic press of the fifties and sixties of the 19th century on the role of the people in history. N. G. Sladkevich. Vest. Len. un. 11 no. 14:37-53 '56.

HISTORY
Brief notes. Vop. ist. no. 7:190-191 Jl '56.

HISTORY—CHRONOLOGY see Chronology, Historical

HISTORY—PERIODICALS
Concerning Comrade E. Burgaev's article. Vop. ist. no. 7:215-222 Jl '56.
Conference of readers of "Voprosy istorii" in Leningrad. Vop. ist. no. 7:184-190 Jl '56.
When the scientific approach is lost. E. Bugaev. Part. zhizn' no. 14:62-72 Jl '56.

HISTORY—PHILOSOPHY
Marxism-Leninism on the role of peoples and the individual in history. D. Kh. Ostrianyn. Visnyk AN URSR 27 no. 7:27-38 Jl '56.
N. G. Chernyshevskii and N. A. Dobrolliubov on the role of the masses and the individual in history. I. S. Perlov. Pratsi Od. un. 145:269-275 '55.

HISTORY—STUDY AND TEACHING
(see also subdivision under Vietnam)
Overcome the effects of the cult of the individual in the teaching of history and literature in the school. A. T. Kinkul'kin, N. D. Moldavskaia, N. I. Prokof'ev. Sov. pedag. 20 no. 9:19-30 S '56.
Practical training of future history teachers. N. N. Marachev. Sov. pedag. 20 no. 9:100-107 S '56.
Russia(1917- R. S. F. S. R.) Glavnoe upravlenie shkol. [Homework in history; instructions] Domashnie zadaniia po istorii; metodicheskoe pis'mo. Moskva, Gos. ucheb.-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 23 p.

HISTORY, ANCIENT
Ancient history in the lectures of T. N. Granovskii according to archival documents. S. Asinovskaia. Vest. drev. ist. no. 2:135-145 '56.
"History of the ancient East," "History of ancient Greece and Rome." V. A. Gol'denberg. Reviewed by L. M. Gluskina, I. D. Amusin. Vest. drev. ist. no. 2:83-89 '56.

HISTORY, ANCIENT (Continued)
"World history" in ten volumes. Vol.1 Reviewed by M.A. Korostovtsev, and D.G. Reder [with English summary in insert]. Sov. vostokoved. no. 4:163-168 '56.

HISTORY, ANCIENT—STUDY AND TEACHING
Improve the organization of research in the field of ancient history. Vest. drev. ist. no. 2:3-11 '56.
Nikanorova, E. I. [Method of conducting dictionary work in a course on the history of the ancient world] Metodika slovarnoi raboty v kurse istorii drevnego mira; iz opyta raboty. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 38 p.

HISTORY, MODERN
A review of present-day works on the history of the 19th and 20th centuries. Vop. ist. no. 7:192-208 Jl '56.

HISTORY, NATURAL see Natural history

HITLER, ADOLF, 1889-
Bylov, Nikolai. [The black gospel; an analysis of two doctrines] Chernoe evangelie; razrez dvukh uchenii. Parizh, 1949. 143 p.
(CLU)

HOCKEY
(see also subdivision under Moscow)
Forge future victories; results of the U.S.S.R. hockey championship. IU. Bazhanov, A. Novokreshchenov. Sp. igry 2 no. 6:18-19 Je '56.

HODGKIN'S DISEASE
Clinical aspects of skin lesions in Paltauf-Sternberg lymphogranulomatosis. G.B. Belen'kii, A.S. Raben. Vest. ven. i derm. 30 no. 4:57-58 Jl-Ag '56.
Novoembichin, L. F. Larionov. Sov. med. 20 no. 8: 59-61 Ag '56.

HOFFMANN KILN
How to eliminate some defects in annular kilns. Prom. koop. no. 9:38-39 S '56.

HOGARTH, PAUL, 1917-
New China through Paul Hogarth's eyes. Mol. mira no. 7:4-5 '56.

HOGS see Swine

HOISTING MACHINERY
Berezin, N.V., and B.IA. Finkel'shtein. [Hoisting and conveying machinery; construction and technology of production] Pod"emno-transportnye mashiny; konstruktsiia i tekhnologiia proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 400 p.
Hand silage hoist. S.G. Luchkevich. Zhivotnovodstvo no. 8:79-80 Ag '56.
Kifer, L.G., and I.I. Abramovich. [Hoisting machinery; an atlas of designs] Gruzopod"emnye mashiny; atlas chertezhoi. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Pt. 1. 1956. 184 p.
Replacement of rapidly wearing skip hoist parts. D.A. Storozhik. Metallurg no. 8:8-9 Ag '56.

HOLIDAYS see subdivision under Pyongyang, Korea; Uzbekistan

HOLLAND see Netherlands

HOLLOW BRICK
Dmitriev, A.S. [Hollow ceramic bricks] Kamni keramicheskie s shchelevidnymi pustotami. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 62 p.

HOLLOW TILES
Akademiia stroitel'stva i arkhitektury SSSR, Moscow. Laboratoriia arkhitekturnoi keramiki. [Temporary instructions for design erection of walls and simultaneous covering using ceramic tiles with integral bonds] Vremennaia instruktsiia po proektirovaniiu i vozvedeniiu sten s odnovremennoi oblitsovkoi ikh keramicheskimi plitami s zakladnoi polkoi. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 15 p.

HOME AND SCHOOL
Parents are my helpers and friends. A. Strel'tsova. Semia i shkola 11 no. 9:19-20 S '56.
Seminar of the chairmen of parents' committees. Sem'ia i shkola 11 no. 10:35 O '56.
To the first grade! A. Strok. Krest'ianka 35 no. 9:21-22 S '56.
When the parents are not home. A. Levshin. Sem'ia i shkola 11 no. 10:14-16 O '56.

HOME ECONOMICS—STUDY AND TEACHING
For young mothers. R. Kuznetsova. Mol. komm. 14 no. 9:91 S '56.

HOME EDUCATION see Correspondence schools and cours

HOMERIC CIVILIZATION see Civilization, Homeric

HOMES FOR THE AGED see Old age homes

HONEY
Interesting case of the use of honey. IU. Puhktinskii. Pchelovodstvo 33 no. 10:61 O '56.
Records on total and marketable honey. V.M. Mikheev. Pchelovodstvo 33 no. 9:16-17 S '56.

HONEY—THERAPEUTIC USE
Book on the importance of bees in medicine ("Medicinal properties of honey and bee poison." N.P. Iorish. Reviewed by IU. M. Zalesskii). Pchelovodstvo 33 no. 9:57-58 S '56.
Iorish, N.P. [Medicinal properties of honey and bee venom] Lechebnye svoistva meda i pchelinogo iada. Izd. 3-e, dop. i perer. Moskva, Medgiz, 1956. 199 p. (Nauchno-populiarnaia meditsinskaia literatura) (DA)

HONEY PLANTS
Evening primrose. I. IU. Vaniushkevich. Pchelovodstvo 33 no. 10:45-46 O '56.
On the book "Journey to the land of nectar. "Flowers and insects." I. Vasil'kov. Reviewed by P. V. Martynov. Pchelovodstvo 33 no. 9:58-60 S '56.

HOOF
Valuable raw material for manufacturing buttons. A. Shvanskii, S. Pottevskaia. Prom. koop. no. 9:15-16 S '56.

HOOKWORM DISEASE
(see also subdivision under Kazakhstan)
Geophagia in anycylostomiasis. M.S. Gigliashvili. Med. paraz. i paraz. bol. 25 no. 3:273 Jl-S '56.
Present state of the fight against ancylostomiasis and arrangements for planning its elimination. N.G. Kamalov. Med. paraz. i paraz. bol. 25 no. 3:215-219 Jl-S '56.

HOOKWORMS see subdivision under Kazakhstan

HOPS
Some cases of appearance of new forms in hops. I.D. Nechiporchuk. Agrobiologiia no. 4:136 Jl-Ag '56.

HORMONES
Role of hormones in the general adaptation syndrome and in adaptation disease. P.D. Gorizontov. Klin. med. 34 no. 7:20-29 Jl '56.

HORNS
Valuable raw material for manufacturing buttons. A. Shvanskii, S. Pottevskaia. Prom. koop. no. 9:15-16 S '56.

HORSE BREEDING
(see also subdivision under Hungary; Kirovograd Province)
Horses on the "Luch Vostoka" Collective Farm. P. Fedotov. Konevodstvo 26 no. 8:28-33 Ag '56.
Lavrovka Stud Farm. R. Kalinin. Konevodstvo 26 no. 8:22-28 Ag '56.
My work practices in raising horses of the Vladimir breed. P. Shmeleva. Konevodstvo 26 no. 7:46 Jl '56.
Tasks of state horse-breeding farms. F. Blazhkevich. Konevodstvo 26 no. 7:6-9 Jl '56.
Work at the Piryatin State Breeding Station. I. Seregin, D. Volkov. Konevodstvo 26 no. 7:22-27 Jl '56.

HORSE BREEDS see subdivision under Turkmenistan

HORSE-POWER (MECHANICS)
Measures of energy. E. Zelikovich. Znan. sila 31 no. 8:33-34 Ag '56.

HORSE RACING
(see also subdivision under Frunze; Moscow; Paris)
Running of the great winter races on our country's tracks. D. Gavrikov. Konevodstvo 26 no. 7:32-36 Jl '56.

HORSE TRAINING see subdivision under Kazan

HORSEFLIES
(see also subdivision under Astrakhan Province)
Morphological structure of appendixes of the female genital apparatus of horseflies (Diptera, Tabanidae). A.A. Shtakel'berg, A.E. Tertertian. Dokl. AN SSR 16 no. 2: 63-64 '53.

HORSEMANSHIP
Horsemen. I. IUnusov. Smena 33 no. 15:17 Ag '56.
On somebody else's horse ("Horsemanship." M.F. Moissev-Cherkasskii. Reviewed by N. Roge). Konevodstvo 26 no. 7:41-43 Jl '56.

HORSES
(see also subdivision under Tori; Uzbekistan)
Characteristics of the higher nervous activity of Russian trotters. I. Sorokina. Konevodstvo 26 no. 7:16-20 Jl '56.
Conference of stud-farm managers and zootechnicians of the Ministry of State Farms of the R.S.F.S.R. Konevodstvo 26 no. 8:44-46 Ag '56.
How to meet collective farmers' personal need for horses. A. IA. Kogan. Nauka i pered. op. v sel'khoz. no. 9:57 S '56.

HORSES—DISEASES
(see also subdivision under Arctic regions)
Testing chlorophos in parascariasis in horses. I.S. Ivashkov. Veterinariia 33 no. 10:61-62 O '56.

HORSES—DISEASES AND PESTS
Controlling helminthiases in horses with small doses of phenothiazine. P. Velichkin, N. Motokanov. Konevodstvo 26 no. 7:20-21 Jl '56.
Hemosporidiosis of cattle and horses in Tajikistan. B. V. Lototskii, M. P. Sirotenko. Trudy AN Tadzh. SSR 5:119-141 52.

HORSES—FEEDING AND FEEDING STUFFS
Answering the letter of a senior zootechnician, comrade Chernyshev. A. Pluzhnikov. Konevodstvo 26 no. 7:44-45 Jl '56.
Carry out successfully fall agricultural work on stud farms. N. Terekhin. Konevodstvo 26 no. 8:1-5 Ag '56.

HORTICULTURE see Floriculture; Fruit culture

HOSIERY INDUSTRY
More widespread introduction of progressive practices in the flat knit hosiery manufacture. V.G. Skriabina, G.K. Kariakin. Leg. prom. 16 no. 7:8-11 Jl '56.

HOSPITALS
(see also subdivision under Czechoslovakia; Finland)
Caretakers of a new home. O. Ochkina. Sots. obesp. 17 no. 5/6:64 My-Je '56.
Problem of infections in hospitals and their prevention. K.E. Silivanik. Zhur. mikrobiol., epid. i immun. 27 no. 8:48-51 Ag '56.
Standard hospitals for rural settlements. G. Samsonov. Arkhit. SSSR no. 9:40-42 '56.
Standard types of hospital designing. L. IUrovskii. Arkhit. SSSR no. 8:8-9 '56.

HOSPITALS—HISTORY see subdivision under Moscow

HOSPITALS—SANITATION
Sanitation features in hospital designing. A. Sysin, M. Goromosov, K. Silivanik. Arkhit. SSSR no. 8:4-5 56.

HOSPITALS, MILITARY
Some problems in the improvement of the prophylactic work of hospitals in garrison units. B.M. Krupkin. Voen.-med. zhur. no. 10:70-72 O '55.

HOT SPRINGS see Geysers

HOT-WATER HEATING
Automatic feeder for hot-water heating systems. V.A. Sidorov, G.E. Shmukler. Gor. khoz. Mosk. 30 no. 7:31-32 Jl '56.

HOTBEDS
Book reviews and bibliography ("Greenhouse and hotbed gardening." Reviewed by P.S. Semenchuk, V.M. Markov). Sad i og. no. 9:78-79 S '56.
Highly profitable collective-farm greenhouse and hotbed gardening. I.A. Kudrevich. Sad i og. no. 8:0-14 S '56.
Let's make preparations for greenhouse and hotbed gardening. D.I. Natsentov. Sad i og. no. 9:6-9 S '56.
New method for the electric heating of hotbeds. M.I. Oranskii, B.A. Deev. Nauka i pered. op. v sel'khoz. no. 7:49-50 Jl '56.

HOTELS, TAVERNS, ETC. see subdivision under Moscow

HOURS OF LABOR
Violation of the decree of the Presidium of the Supreme Soviets of the U.S.S.R. of March 8, 1956 at the 20th anniversary of October Artel of the Moscow City Textile Producers Union. Prom. koop. no. 8:39 Ag '56.

HOUSE DECORATION
Useful advice. Sem'ia i shkola 11 no. 10:35 O '56.

HOUSE FITTINGS see Building fittings

HOUSE PAINTING
Movable telescopic scaffolds for painting. P. Vladimirov. Arkhit. i stud. 4 no. 4:8 Jl-Ag '56.

HOUSE PLANTS
Garden in the room. B. Bykov. Sem'ia i shkola 11 no. 10:33-35 O '56.

HOUSEFLIES see Flies

HOUSES, APARTMENT see Apartment houses

HOUSES, PREFABRICATED see Buildings, Prefabricated

HOUSING
(see also subdivision under Great Britain; Kazakhstan; Moscow; Rostov-on-Don)
Daily concern for workers' living conditions. Sov. profsoiuzy 4 no. 9:1-7 S '56.

HOVENIA see subdivision under Abkhazia

HOWARD, JOHN, 1726?-1790
He lived for others; the Englishman John Howard in Russia. Mykola Onyshchenko. Ukraina no. 10:25 O '56.

HUBENKO, PAVLO MYKHAILOVYCH, pseud. see Vyshnia, Ostap, 1889-1956

HUGO, VICTOR, 1802-1885

Victor Hugo in the evaluation of Russian revolutionary democratic and progressive criticism. N. A. Modestova. Nauk. zap. Kiev. un. 14 no. 1:243-272 '55.

HULLS (NAVAL ARCHITECTURE)

Deformations in sheet-steel hull structures and ways to avoid them. V. K. Kuz'menko and others. Sudostroenie 24 no. 7:19-23 Jl '58.

Drinkov, V. D. [The hulls of inland waters oil tankers] Korpusa neftenalivnykh sudov vnutrennego plavaniia. Moskva, Izd-vo "Rechnoi transport," 1958. 233 p.

Gorlunov, V. A. [Hull assembling operations] Korpusosborochnye raboty. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 186 p.

Hull assembling operations. N. I. Alekseev. Sudostroenie 22 no. 7:36-37 Jl '56.

Progressive techniques and the mechanization of hull maintenance and dockyard repairs (conclusion). A. Teshchuk, S. Kozlovskii. Mor. flot 16 no. 8:23-25 Ag '56.

HUMAN ANATOMY see Anatomy, Human

HUMAN EMBRYOLOGY see Ebryology, Human

HUMERUS—TUMORS

A case of malignant thyrotoxic adenoma with metastases to bones. V. D. Sokolovskii. Probl. endok. i gorm. 2 no. 3:113-115 My-Je '56.

HUMIC ACID

Exhaustive splitting of brown-coal humic acids by metallic sodium in liquid ammonia. T. A. Kukharenko, T. E. Vvedenskaia. Dokl. AN SSSR 109 no. 2:322-324 Jl '56.

Optical properties of humate solutions and sols of humic acids. E. M. Aleksandrova, N. G. Lidina. Khim. i tekh. topl. no. 8:36-46 Ag '56.

HUMIDITY

Determining the water vapor content of the atmosphere. T. P. Toropova. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:219-226 '55.

Using humidity charts for forecasting low cloudiness. E. I. Gogoleva. Meteor. i gidrol. no. 7:8-13 Jl '56.

HUMOR see Wit and humor

HUMUS

Organic matter of Chestnut and basin soils in arid regions of southeastern Russia [with French summary in insert]. T. V. Glotova. Pochvovedenie no. 6:45-58 Je '56.

HUNGARY—APARTMENT HOUSES

Apartment house construction in the Hungarian people's Republic. IU. Khavash. Arkhit. SSSR no. 9:43-46 '56.

HUNGARY—BOOKSELLERS AND BOOKSELLING

Book distribution in Hungary. Imre Zala. Sov. knizh. torg. no. 9:15-17 S '56.

HUNGARY—CIVIL PROCEDURE

New civil procedure legislation in the Hungarian People's Republic. Laszlo Nevai. Sov. gos. i pravo no. 4:80-88 '56.

HUNGARY—DESCRIPTION AND TRAVEL

The road to Balaton; a travelers's notes. Ivan TSiupa. Ukraina no. 16:18-19 Ag '56.

HUNGARY—ECONOMIC CONDITIONS

Second five-year plan of the Hungarian People's Republic. Kommunist 33 no. 13:89-91 S '56.

HUNGARY—FORK LIFT TRUCKS

Single motor fork lift truck. Zhel. dor. transp. 38 no. 9:90 S '56.

HUNGARY—FURNITURE INDUSTRY

From the work experience of the Hungarian furniture industry. N. I. Gorbunov. Der. prom. 5 no. 8:26-27 Ag '56.

HUNGARY—HISTORY

New foreign works on the history of Austro-Hungary. K. Vinogradov. Vest. Len. un. 11 no. 14:123-129 '56.

HUNGARY—HORSE BREEDING

Horse breeding in Hungary. R. Borosh. Konevodstvo 28 no. 8:41 Ag '56.

HUNGARY—INSECTS

"Fauna of Hungary." Reviewed by E. N. Pavlovskii. Ent. obos. 35 no. 2:478 '56.

HUNGARY—INSURANCE, SOCIAL

A trade-union social insurance committee. Vera Hodi. Vsem. prof. dviah. no. 7:37-38 Jl '56.

HUNGARY—LABOR AND LABORING CLASSES

"Selected documents on the history of the Hungarian labor movement," vol. 3 [in Hungarian]. Reviewed by T. M. Islamov. Vop. ist. no. 7:178-180 Jl '56.

HUNGARY—ORIENTAL STUDIES

The work of Hungarian orientalists in 1955 and research plans for 1956. Sov. vostokoved. no. 4:159-162 '56.

HUNGARY—REVOLUTION, 1918-1919

Hungary on the threshold of the bourgeois-democratic revolution in 1918 and the proclamation of the Republic. M. F. Lebovych. Nauk. zap. L'viv. un. 25:112-146 '53.

Socialist revolution in 1919 in Hungary and the proclamation of the Soviet Republic. M. F. Lebovich. Nauk. zap. L'viv. un. 35:116-143 '55.

HUNGARY—SOCCER

Hungarians prepare for the return match. Sp. igry 2 no. 6:27 Je '56.

HUNGARY—TRACK ATHLETICS

Candidates for Olympic medals. Leg. atl. no. 8:30-32 Ag '56.

HUNGARY—WORK-SONGS

"Hungarian work-songs" [in Hungarian]. Reviewed by O. Rossiianov. Inostr. lit. no. 8:256-257 Ag '56.

HUNGNAM, KOREA—FERTILIZER INDUSTRY

In the Hungnam mineral fertilizer plant. A. Volkov. Nov. Kor. no. 8:16-19 Ag '56.

HUNTING

(see also subdivision under Brazil; Caucasus, Northern; Czechoslovakia; Kuybyshev Reservoir; Mongolia; Rumania; Siberia; Siberia, Eastern; Yelogny Valley; Yugoslavia)

Answers to readers' questions. Okh. i okh. khoz. no. 9:63 S '56.

Brief news. Okh. i okh. khoz. no. 8:61-62 Ag '56.

Brief news. Okh. i okh. khoz. no. 9:62 S '56.

Calendar for hunters. S. S. Turov. Okh. i okh. khoz. no. 8:64 Ag '56.

How we instruct young hunters. P. Morozov. Okh. i okh. khoz. no. 8:11-12 Ag '56.

"Hunting grounds." Reviewed by IU. Milenushkin. Okh. i okh. khoz. no. 9:54 S '56.

Let's use the taiga for commercial hunting. Okh. i okh. khoz. no. 9:3-4 S '56.

Letters to the editor. Okh. i okh. khoz. no. 9:59-61 S '56.

Make use of new hunting grounds. M. Koinachenok. Okh. i okh. khoz. no. 9:5-6 S '56.

Nature and hunting ["Seasons of the year." Dm. Zuev. Reviewed by N. Smirnov). Okh. i okh. khoz. no. 8:53 Ag '56.

Organizing commercial hunting as a branch of collective farming. Trudy VNIO no. 16:145-152 '56.

Reorganize hunting. A. Kainin'sh. Okh. i okh. khoz. no. 9:7 S '56.

HUNTING—IMPLEMENTS AND APPLIANCES

Improve the quality of hunting equipment. A. Tokarev. Okh. i okh. khoz. no. 8:38 Ag '56.

HUNTING—STUDY AND TEACHING see subdivision under Latvia

HUNTING DOGS

Training hunting dogs. B. Protasov. Okh. i okh. khoz. no. 9:38-39 S '56.

HWA MOUNTAINS—METEROLOGICAL OBSERVATORIES

Hwashan meterological observatory. Kitai no. 7:33-35 Jl '56.

HYALURONIC ACID

Condition of mucopolysaccharides (hyaluronic acid) in rheumatism. E. I. Chazov. Terap. arkh. 28 no. 5:8-14 '56.

HYALURONIDASE

Activity of hyaluronidase (spreading factor) in blood serum in rheumatism. E. P. Stepanian, G. E. Perchikova. Terap. arkh. 28 no. 5:5-8 '56.

History of theories about the spreading factor. A. A. Efemenko. Zhur. mikrobiol., epid. i immun. 27 no. 8: 109-110 Ag '56.

HYBRIDIZATION

Basic methods and results in studying vegetative hybridization in animals. H. K. Kravets'. Nauk. zap. Kiev. un. 13 no. 6:93-109 '54.

On the inheritance of hypertrophy of the sexual glands in males of Coregonus albula ladogensis hybrids. I. G. Shchupakov, L. N. Kharchenko. Dokl. AN SSSR 108 no. 5:948-951 Je '56.

HYBRIDIZATION, VEGETABLE

Application of boron in the process of selection of poorly fertile hybrids. V. E. Pisarev, M. D. Zhilkina. Dokl. AN SSSR 108 no. 5:945-947 Je '56.

Distant hybridization of yeasts. Part 2: Obtaining hybrids between Saccharomyces cervisiae (XII strain) and Schizosaccharomyces Pombe through copulation of cells [with English summary in insert]. K. V. Kosikov. Mikrobiologiia 25 no. 4:420-422 Jl-Ag '56.

Does the possibility of vegetative hybridization contradict the theory of the role of chromosomes in heredity? IU. M. Olenov. Bot. zhur. 41 no. 7:1001-1006 Jl '56.

Effect of the age of the maternal plant and its ovule on the development of recessive characters in the first generation of tomato hybrids. G. S. Esaian. Dokl. AN Arm. SSR 11 no. 1:45-48 '49.

Hybrid seeds. I. Manzhelii. Krest'ianka 36 no. 10:25-25 O '56.

Nature of the splitting of wheat hybrids obtained by zonal pollination. V. O. Gulkanian, S. G. Oganesian. Dokl. AN Arm. SSR 9 no. 5:225-230 '48.

New type of a fruit-bearing plant. S. Kh. Duka. Nauk. zap. Kiev. un. 8 no. 5:169-171 '49.

Remote hybridization of yeasts. Part 1: Producing hybrids between Saccharomyces cerevisiae (race 12) and Schizosaccharomyces Pombe. K. V. Kostkov. Mikrobiologiia 25 no. 3:275-278 My-Je '56.

The secret of remote hybrids. P. N. IAkovlev. Ulg. nat. no. 6:20-22 S '56.

Variability of heredity in vegetative melon-pumpkin hybrids [in Armenian with summary in Russian]. E. G. Kocharian. Dokl. AN Arm. SSR 9 no. 5:231-234 '49.

HYDRATION

Hydration of dimethyldiacetylene. G. M. Mkrtian, N. A. Papazian. Dokl. AN Arm. SSR 10 no. 4:103-107 '49.

Hydration of iron-oxides and their transformation into hydroxides (illustrated by data from Krivoy Rog). IU. IU. IUrk. Dokl. AN SSSR 109 no. 1:144-147 Jl-Ag '56.

Structure of diluted aqueous electrolyte solutions and the hydration of ions. O. IA. Samoilov. Zhur. neorg. khim. 1 no. 6:1202-1209 Je '56.

HYDRAULIC ENGINEERING

(see also subdivision under Bol-Pak-Dala; Danube River; Great Britain)

Combined use of shell-slabs and massive concrete construction. V. I. Dolidze. Gidr. stroi. 26 no. 7: 19-21 Ag '56.

Methods for calculating the settlement of pent foundations of retaining dams constructed in swamps. A. F. Tkygankov. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:329-337 '55.

New type of water intake works for mountain rivers. B. I. Studenichnikov. Trudy gidrav. lab. VOIKHO no. 4:73-88 '55.

Technical and geological building conditions of sites situated close to sliding slopes. I. E. Stenzak. Nauk. zap. Kiev. un. 9 no. 10:107-121 '50.

Using river defense works in the regulation of rivers. A. F. Pechkurov. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:21-50 '55.

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—CONGRESSES

Information. Gidr. stroi. 25 no. 6:3 of cover S '56.

HYDRAULIC ENGINEERING—TABLES, CALCULATIONS, ETC.

Stream energy losses in drops of rectangular section. N. G. Dmitrievskii. Gidr. i mel. 8 no. 8:30-35 S '56.

HYDRAULIC JACKS

Lifting device for heavy and massive loads. IU. Mikol'skii. Stroi. mat., izdel. i konstr. 2 no. 7:25-26 Jl '56.

HYDRAULIC JUMPS

Calculating the length of hydraulic jumps. G. G. Blagdanov. Gidr. stroi. 26 no. 7:51-53 Ag '56.

HYDRAULIC MACHINERY

Improvement of the MI-1 hydraulic pressure jointing machine. A. V. Sadchikov. Energetik 4 no. 9:27-28 S '56.

Laboratory investigation of marine water intake works. I. A. Vaisfel'd. Trudy gidrav. lab. VODGEO no. 4:29-37 '55.

Methods for designing efficient high-speed axial pumps, hydraulic turbines and ventilators. A. A. Lomakin. Energomashinostroenie no. 7:1-6 Jl '56.

HYDRAULIC MACHINERY—BIBLIOGRAPHY see Bibliography—Hydraulic machinery

HYDRAULIC MACHINERY—DICTIONARIES

Technical terms used in hydraulic machinery [in Azerbaijani]. IU. I. Mamedzade. Trudy Azerb. ind. inst. no. 8:131-136 '54.

HYDRAULIC MODELS

Utilizing the degree of dependence in the construction of a model structural mechanism showing open turbulent flow. A. S. Obrazovskii. Trudy gidrav. lab. VODGEO no. 4:89-118 '55.

HYDRAULIC PRESSES

Four-valve hydraulic distributor. V. I. Pogorelov. Vest. mash. 36 no. 6:47 Je '56.

Hydraulic glue press for hot veneering. K. N. Liublmov, V. I. Abrosimov. Der. prom. 5 no. 8:30 Ag '56.

HYDRAULIC TRANSMISSION

Semichastnov, L.F. [Hydraulic transmissions in diesel locomotives] Gidravlicheskie peredachi teplovozov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 191 p.

HYDRAULIC TURBINES

Coating runner chambers in high-power hydraulic turbines. I. R. Krianin, V. A. Lapidus. Energomashinostroenie no. 8:22-24 Ag '56.

Construction of hydraulic turbines abroad. S. A. Granovskii. Energomashinostroenie no. 7:28-31 Jl '56.

Eliminate shortcomings in hydroelectric power station equipment. I. M. Sokolov. Gidr. stroi. 25 no. 8:31-33 S '56.

Selecting calculated head pressure for turbines. D. S. Shchavelev. Gidr. stroi. 25 no. 7:40-47 Ag '56.

Technological analysis of different designs of basic units and some parts of turbines in the Kuybyshev hydroelectric power plant. Z. M. Gamze. Energomashinostroenie no. 7:17-23 Jl '56.

HYDRAULIC TURBINES—BLADES

Reconditioning damaged runner blades of adjustable-blade turbines. A. A. Bocharov, V. M. Kochetkov. Elek. sta. 27 no. 9:48 Ag '56.

HYDRAULICS

An approximation method for the solution of a problem on forcing viscous-plastic liquids into soil. A. Kh. Mirzadzhanzade, M. T. Abasov. Izv. AN Azerb. SSR no. 5:23-28 My '56.

Approximate calculation of irregular movement of water downstream from a hydroelectric power station under daily regulation. B. O. Egiazarian. Gidr. stroi. 25 no. 7:48-51 Ag '56.

Calculating channels by means of unitary flow characteristics. A. M. Latyshenkov. Trudy gidrav. lab. VODGEO no. 3:26-34 '52.

Calculating the uneven movement of a fluid set in V-shaped channels. G. A. Supolkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:27-35 '55.

Chain function for open flow and its main consequences. A. S. Obrazovskii. Trudy gidrav. lab. VODGEO no. 3:13-25 '52.

Generalized formula for the speed of particle sedimentation in a non-moving liquid. N. P. Zrelov. Trudy gidrav. lab. VODGEO no. 4:118-123 '55.

Generalized law of the circulation of liquids. A. S. Obrazovskii. Trudy gidrav. lab. VODGEO no. 3:4-12 '52.

Hydraulic calculations for canals having a fixed flow rate. G. A. Supolkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:59-67 '55.

Letter to the editors. M. S. Vyzgo. Gidr. stroi. 26 no. 7:64 Ag '56.

Oscillograph recording of hydraulic impact in high-pressure pipelines in hydroelectric power stations. B. M. Radzikhovskii. Gidr. stroi. 26 no. 8:41-43 S '56.

HYDRAZINE

Experimental amperometric titration of aldehyde by 2-4 dinitrophenylhydrazine [with English summary in insert]. E. V. Zobov, IU. S. Lialikov. Zhur. anal. khim. 11 no. 4: 459-462 Jl-Ag '56.

Separate determination of hydrazine and ammonia in ammoniacal hydrazine complex compounds. P. V. Gogorishvili, M. V. Karkarashvili, L. D. TSitsishvili. Zhur. neorg. khim. 1 no. 2:232-242 F '56.

HYDRIDES

Use of hydrides in industry. A. F. Zhigach, I. S. Antonov. Khim. prom. no. 4:200-202 Je '56.

HYDROCARBONS

Adsorptive analysis and separation of hydrocarbon gases. A. M. Brodskii, R. A. Kalinenko, K. P. Lavrovskii. Khim. i tekh. topl. no. 8:18-22 Ag '56.

Characteristics of active centers of aluminum silicate catalysts and the kinetics of catalytic cracking of hydrocarbons. G. M. Panchenkov. Trudy MNI no. 10:195-212 '56.

Conference on the kinetics and chemism of oxidation of hydrocarbons in liquid phase. A. A. Gurevv. Khim. i tekh. topl. no. 8:69-72 Ag '56.

Extension of Bachinskii's viscosity formula into the high pressure range. A. M. Mamedov. Trudy Azerb. ind. inst. no. 2:62-75 '55.

Homologs of decalin in certain Soviet petroleums. A. V. Topchiev, and others. Trudy Inst. neft. 8:21-29 '56.

Hydrocarbons composition of Bytkov and Radchenkovskiy petroleums. S. R. Sergienko, V. T. Skliar. Trudy Inst. neft. 8:191-198 '56.

Low-temperature characteristics of hydrocarbon fuels; changes in fuel phase state. IA. B. Chertkov, V. N. Zrelov. Khim. i tekh. topl. no. 9:11-22 S '56.

Quantitative determination of aromatic and unsaturated hydrocarbons in motor fuels. V. D. IAsnopol'skii, V. S. Altev, M. V. Arakelian. Azerb. neft. khoz. 35 no. 6:33-35 Je '56.

Separation of oxygen by the polarographic action of saturated hydrocarbon. O. Y. Komlev. Nauk. zap. L'viv. un. 34:141-142 '55.

Steam conversion of hydrocarbon gases in the presence of an aluminum molybdenum catalyst. K. P. Lavrovskii, R. A. Kalinenko, A. L. Rozental'. Trudy Inst. neft. 8:131-133 '56.

Synthesis of hydrocarbons. Part 55. Conversion of hydroaromatic ketones into aromatic hydrocarbons by means of phosphorus pentoxide. R. IA. Levina, Kim Chae-gil, V. R. Skvarchenko. Zhur. ob. khim. 26 no. 7:1884-1888 Jl '56.

Synthesis of hydrocarbons from carbon monoxide and hydrogen in the presence of "sintered" iron catalysts. A. N. Bashkirov. M. I. Khotimskaia, IU. B. Kriukov. Trudy Inst. neft. 8:152-167 '56.

Temperature of heat formation in homologous series of hydrocarbons. M. Kh. Karapet'ian. Khim. i tekh. topl. no. 9:23-34 S '56.

X-ray analysis of hydrocarbon absorption by montmorillonite. I. G. Ismailzade. Izv. AN Azerb. SSR no. 7:17-21 Jl '56.

HYDROCARBONS—SPECTRA

Analysis of hydrocarbon systems from their mass spectra. K. I. Zimina, A. A. Polinkova, N. S. Sosina. Zhur. neorg. khim. 1 no. 6:1264-1270 Je '56.

HYDROCHLORIC ACID

Function of acidity in aqueous HCl solutions and in the system $P_2O_5$ - $H_2O$ at various temperatures. A. I. Gel'bshtein, G. G. Shcheglova, M. I. Temkin. Zhur. neorg. khim. 1 no. 2:282-287 F '56.

HYDROCYANIC ACID

Research in the field of compounds labeled with $C^{14}$ and $N^{15}$. Part 4. Synthesis of "key" compounds. V. I. Maimind and others. Zhur. ob. khim. 26 no. 7:1862-1867 Jl '56.

HYDRODYNAMICS

Chemiluminescence method for investigating the mixing and flow of fluids. A. A. Ponomarenko and others. Dop. ta pov. L'viv. un. no. 6, pt. 2:88-89 '55.

Distribution of turbidity in a flow with transverse circulation. A. K. Ananian. Dokl. AN SSSR 109 no. 2: 275-278 Jl '56.

Experimental determination of hydraulic resistance factors in straight petroleum pipelines and in fittings. I. A. Isaev. Trudy MNI no. 17:112-168 '56.

A particular instance of movement of an elastic fluid in an elastic layer. A. P. Zoz. Dokl. AN Azerb. SSR 12 no. 8:537-542 '56.

Resistance of water discharge in pipes. S. A. Kursin. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5: 256-258 '55.

Solution of a mixed problem for the unsteady motion of a rotating viscous fluid and a study of the differential properties of this solution. V. N. Maslennikova. Dokl. AN SSSR 109 no. 4:697-700 Ag '56.

Study of laminar flow of fluid in a round pipe. V. S. IAblonskii. Trudy MNI no. 17:43-52 '56.

Transverse circulation at the bend of a pressure pipe. L. A. Oganesian. Dokl. AN Arm. SSR 15 no. 3:71-77 '52.

HYDROELECTRIC POWER

Use of electric power in the production of iron alloys with seasonal restrictions on the consumption of electricity. A. M. Oseplan. Dokl. AN Arm. SSR 9 no. 2:55-60 '48.

HYDROELECTRIC POWER STATIONS

(see also Angren Hydroelectric Power Station; Bratsk Hydroelectric Power Station; Gorkiy Hydroelectric Power Station; Irkutsk Hydroelectric Power Station; Kakhovka Hydroelectric Power Station; Kayrak-Kum Hydroelectric Power Station; Knyazhaya Guba Hydroelectric Power Station; Kuybyshev Hydroelectric Power Station; Terebyla-Rika Hydroelectric Power Station; also subdivision under China; Georgia; Uzbekistan)

Current experience in planning and constructing underground hydroelectric power stations. A. M. Mazur. Gidr. stroi. 25 no. 7:57-63 Ag '56.

Improve the quality of work in building hydroelectric power station projects. V. S. Eristov. Gidr. stroi. 25 no. 8:1-5 S '56.

Investigation of aeration in the flow of water in a model spillway hydroelectric power station. V. G. Sokolov. Trudy gidrav. lab. VODGEO no. 3:87-97 '52.

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva elektrostantsii. Tekhnicheskoe upravlenie. [Power construction in the U. S. S. R." Pavilion; prospectus of an exposition] Pavil'on "Energeticheskoe stroitel'stvo SSSR"; prospekt ekspozitsii. [Vsesoiuznaia promyshlennaia vystavka, Otdel propagandy, 1956]. Moskva, 1956. 46 p.

Universal index of the water power cycle of hydroelectric power stations and the hydroelectric power system. V. P. Morlynov. Dokl. AN Arm. SSR 9 no. 1: 11-16 '48.

HYDROFLUORIC ACID

Study of the system HF - $ZrF_4$ - $H_2O$ from isothermic solubility (isotherm 0, 5°). I. V. Tananaev, N. S. Nikolaev, IU. A. Buslaev. Zhur. neorg. khim. 1 no. 2:274-281 F '56.

HYDROGEN

Action of atomic hydrogen on polarized electrodes in electrolyte solutions. S. D. Levina, T. V. Kalish. Dokl. AN SSSR 109 no. 5:971-974 Ag '56.

Hydrogen exchange of cyclopentadiene. D. N. Kursanov, Z. N. Parnes. Dokl. AN SSSR 109 no. 2:315-318 Jl '56.

Hydrogen exchange reactions of 1-methylcyclohexanol-1 with phosphoric acid. V. N. Setkina, D. N. Kursanov. Dokl. AN SSSR 109 no. 3:552-554 Jl '56.

Influence of adsorbed hydrogen on the null-charge potential of certain metals. V. L. Kheifets, B. S. Krasikov. Dokl. AN SSSR 109 no. 3:585-588 Jl '56.

Liberation of zinc and hydrogen from acid electrolytes on nickel and cobalt cathodes. D. P. Zosimovich, N. E. Nechaeva. Dokl. AN SSSR 109 no. 3:569-572 Jl '56.

New continuous plan of hydrogen production. K. P. Lavrovskii, A. L. Rozental'. Trudy Inst. neft. 8:134-144 '56.

Origin of hydrogen in gases extracted during water-gas and gas core surveys, and during gas logging. A. M. Levit. Geokhim. met. poisk. nefti i gaza no. 2:26-33 '54.

Removal of hydrogen from aluminum alloys. V. G. Korotkov. Trudy Ural. politekh. inst. no. 60:170-177 '56.

Research in the field of tautomeric compounds. Part 22. Mobility of the hydrogen atoms of the methyl group in quinaldine. A. E. Porai-Koshits, I. I. Chizhevskaia. Zhur. ob. khim. 26 no. 7:1950-1958 Jl '56.

Two-flame burning of nitrogen dioxide mixtures with hydrogen. N. Nasirov, IU. Kh. Shaulov. Dokl. AN SSSR 108 no. 5:868-870 Je '56.

HYDROGEN—ISOTOPES

Calculation of experimental results in isotopic hydrogen exchange. IA. M. Varshavskii, V. R. Kalinachenko. Zhur. fiz. khim. 30 no. 6:1376-1379 Je '56.

HYDROGEN—SPECTRA

Sun faculae in hydrogen lines $H_\delta$ and $H_\varepsilon$. A. A. Ismailov. Izv. AN Azerb. SSR no. 7:3-7 Jl '56.

HYDROGEN-ION CONCENTRATION

Role of pH in the formation and extraction of chelate compounds. I. M. Korenman, F. R. Sheinova. Zhur. ob. khim. 26 no. 7:1849-1857 Jl '56.

HYDROGEN PEROXIDE

Continuous bleaching of liquid woodpulp with hydrogen peroxide. P. A. Tumbin. Bum. prom. 31 no. 8:16-17 Ag '56.

Study of the distribution of hydrogen peroxide in isopropylbenzene between the styrene and water phase. A. I. IUrzhenko, V. D. Enal'ev. Nauk. zap. L'viv. un. 34: 45-50 '55.

HYDROGENATION

Research in the field of conjugate systems. Part 65. Hydrogenation of vinylalkylacetylenes in the presence of colloidal palladium. Kh. V. Bal'ian, A. A. Petrov, IU. I. Porfir'eva. Zhur. ob. khim. 26 no. 7:1926-1935 Jl '56.

HYDROLOGY

(see also subdivision under Baikal, Lake; Ilek Valley; Ukraine; Uzbekistan)

An advanced hydrometeorological bureau. A. V. Popov. Meteor. i gidrol. no. 7:62 Jl '56.

Thermal and hydrological regime of the earth's surface, its role in the dynamics of natural processes, geographical differences, and methods of transforming it for practical purposes. I. P. Gerasimov and others. Izv. AN SSSR. Ser. geog. no. 4:47-59 Jl-Ag '56.

HYDROLOGY—GRAPHIC METHODS

Development and use of new geometrical methods in hydrochemistry. S. A. Durov. Zhur. neorg. khim. 1 no. 6:1296-1304 Je '56.

HYDROLYSIS

Concentration of furfurol in the vapors from hydrolyzate evaporation without expending heat. N. V. Chalov and others. Gidroliz. i lesokhim. prom. 9 no. 6:8-10 '56.

Neutralization of hydrolyzates with controlled crystallization of gypsum. M. M. Malkutin, E. B. Ivashkevich, A. E. Norina. Gidroliz. i lesokhim. prom. 9 no. 6:21-22 '56.

HYDROLYSIS—CONGRESSES

Conference on new techniques and exchange of experience in the hydrolysis industry. Gidroliz. i lesokhim. prom. 9 no. 6:27-28 '56.

HYDROTHERAPY see subdivision under TSkhaltubo

HYDROXIDES

Physicochemical study of metal oxides and hydroxides. E. IA. Rode. Zhur. neorg. khim. 1 no. 6:1430-1439 Je '56.

HYDROZOA—EMBRYOLOGY see Embryology—Hydrozoa

HYGIENE

Advice on health. Zdorov'e 2 no. 9:30-32 S '56.

HYGIENE—BIBLIOGRAPHY see Bibliography—Hygiene

HYGIENE, INDUSTRIAL see Mine sanitation

HYGIENE, MILITARY see Military hygiene

HYGIENE, VETERINARY see Veterinary hygiene

HYDROGEN-ION CONCENTRATION

Acidity function for the system: $H_2SO_4$ — $H_2O$ at various temperatures. A. I. Gel'bshtein, G. G. Shcheglova, M. I. Temkin. Zhur. neorg. khim. 1 no. 3:506-515 Mr '56.

Soil reaction in the rhizosphere of herbaceous plants. A. A. Chasovennaia, G. F. Petrova. Vest. Len. un. 11 no. 15:18-27 '56.

HYDROGEN-ION CONCENTRATION—MEASUREMENT
Circuit design of automatic thermal compensation in pH-meters. V. F. Remnev. Priborostroenie no. 8: 1-5 Ag '56.

HYDROGEN PEROXIDE
Composition of photographically active particles liberated from metals by atmospheric corrosion. I. L. Roikh. Dokl. AN SSSR 108 no. 6:1102-1106 Je '56.
Oxidation of sulfides with hydrogen peroxide. E. N. Karaulova, G. D. Gal'pern. Khim. i tekh. topl. no. 9: 39-44 S '56.
Peroxide products in the catalysis of $H_2O_2$ by barium and molybdenum salts. Part 2. G. A. Bogdanov, T. I. Berkengeim, I. K. Prokhorova. Zhur. fiz. khim. 30 no. 6:1223-1227 Je '56.
Reasons for the decomposition of hydrogen peroxide in the process of bleaching natural fabrics. A. V. Surovaia, N. A. Boris, A. K. Shemiakina. Tekst. prom. 16 no. 8: 34-38 Ag '56.
Study of the distribution of hydrogen peroxide in isopropylbenzene between the styrene and water phase. A. I. IUrzhenko, V. D. Enal'ev. Nauk. zap. L'viv. un. 34: 45-50 '55.

HYDROGEN SULFIDE
Hydrogen sulfide cap for treating loss of hair and dandruff. V. M. Fedotov, A. S. Nevraeva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:75-76 Jl-S '56.

HYDROGENATION
Combined method of exhaustive hydrogenation. K. P. Lavrovskii, D. V. Makarov, L. M. Nazarova. Trudy Inst. neft. 8:145-154 '56.
Equilibrium degrees of conversion of benzene and its homologs in hydrogenation reaction. IA. R. Katsobashvili, N. S. Kurkova, N. V. Sidorova. Trudy Inst. neft. 8:155-161 '56.
Hydrogenation of $C_6$-$C_8$ aldehydes to alcohols. S. Z. Levin, I. S. Diner, A. Z. Karpov. Khim. i tekh. topl. no. 8:8-12 Ag '56.

HYDROLOGY
Developmental history of the surface-water network in the northeastern regions of the European part of the U. S. S. R. E. F. Stankevich. Dokl. AN SSSR 109 no. 1: 187-189 Jl-Ag '56.
The water balance of continents and oceans. L. I. Zubenok. Dokl. AN SSSR 108 no. 5:829-832 Je '56.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROMEDUSAE
New data concerning the development of Hydra vulgaris (Pall). M. N. Gruzova. Dokl. AN SSSR 109 no. 3:670-672 Jl '56.
A new type of gonosome structure in hydroids. D. V. Naumov. Dokl. AN SSSR 109 no. 3:646-648 Jl '56.

HYDROMETALLURGY
Increasing the effectiveness of filtration; letter to the editors. I. A. Vaintraub. TSvet. met. 29 no. 9:85 S '56.
Oxidation of bivalent iron by copper compounds in zinc hydrometallurgy. A. P. Snurnikov, V. D. Ponomarev. TSvet. met. 29 no. 8:22-33 Ag '56.

HYDROXIDES
Chemical interaction of niobium hydroxides of rare earth metals, titanium, and iron. I. S. Morozov. Zhur. neorg. khim. 1 no. 4:791-798 Ap '56.

HYDROXYL GROUP
Isotopic oxygen exchange between a free hydroxyl radical and water. I. A. Kazarnovskii, N. P. Lipikhin, M. V. Tikhomirov. Zhur. fiz. khim. 30 no. 6:1429-1430 Je '56.

HYDROXYLAMINE
Acellular nitrification. Part 5: Oxidation of hydroxylamine in acellular autolysates of Nitrosomonas. A. A. Imshenetskii, E. L. Ruban. Mikrobiologiia 25 no. 3: 272-274 My-Je '56.

HYGIENE
[For a healthy life; a collection of articles] Za zdorovyi byt; sbornik statei. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 62 p.

HYGIENE—STUDY AND TEACHING see Health education

HYGIENE, INDUSTRIAL see Industrial hygiene

HYMENOPTERA, FOSSIL
Ancestors of the bee. IU. M. Zalesskii. Pchelovodstvo 33 no. 10:19-25 O '56.
Modes and conditions of the origin of Hymenoptera terebrantia s. parasitica. S. I. Malyshev. Dokl. AN SSSR 109 no. 5:1053-1055 Ag '56.

HYMNS
[Collection of hymns of the Evangelical Christian Baptist-Church] Sbornik dukhovnykh pesen Evangel'skikh khristian-baptistov. Moskva, Izd. Vses. soveta Evangel'skikh khristian-baptistov, 1956. 402 p.

HYPEREMIA
Interruption of paroxysmal tachycardia following hyperemia of the extremities. E. S. Medvedev. Terap. arkh. 28 no. 5:43-46 '56.

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION
Academic council of an institute at a factory. M. Magaril. Sots. obesp. 17 no. 4:14-16 Ap '56.
Apressin therapy for hypertension. G. N. Tereguiov, A. I. Kopylova, A. G. Khairullina. Klin. med. 34 no. 5:74-77 My '56.
Bromide ionophoresis, in general application and as galvanic collar, combined with baths for treating hypertension. O. A. Vengerovskaia. Klin. med. 34 no. 7:92 Jl '56.
Course of hyperergic inflammation in animals with experimental hypertension. M. M. Horiev, V. A. Losiev. Fiziol. zhur. [Ukr.] 2 no. 3:55-67 My-Je '56.
Effect of spasmolytic and hypotensive agents on renal circulation in healthy dogs and in dogs affected by hypertension. Z. T. Samoilova. Farm. i toks. 19 no. 4:31-36 Jl-Ag '56.
Effectiveness of prolonged drug-induced sleep for treating hypertension. E. I. Bunin, G. L. Kats. Klin. med. 34 no. 5:91 My '56.
Experimental study of the pathogenesis of hypertension and coronary insufficiency. G. O. Magakian, D. I. Miminoshvili, G. IA. Koksia. Klin. med. 34 no. 7:30-38 Jl '56.
Hypertension. I. I. Speranskii. Zdorov'e 2 no. 9:13-15 S '56.
Observations on the action of a preparation Rauwolfia serpentina Benth (raupina) in hypertension. L. I. Bekhteeva. Klin. med. 34 no. 6:46-52 Je '56.
Peculiarities of heat regulation in patients suffering from hypertension. L. I. Fisher. Klin. med. 34 no. 5:90 My '56.
Physical culture therapy in hypertension. N. A. Belaia. Zdorov'e 2 no. 9:15 S '56.
Portal hypertension as a surgical problem. A. T. Lidskii. Khirurgiia 32 no. 6:3-13 Je '56.
Problem of hyperthermia in hypertension. A. A. Trishina. Klin. med. 34 no. 5:78-80 My '56.
Syndrome of right ventricular insufficiency in hypertension. R. O. Kushkii. Klin. med. 34 no. 5:49-52 My '56.
Thermoregulation in hypertension. A. D. Pushkarev. Klin. med. 34 no. 5:80-84 My '56.
Valuable pamphlet ("Prevention of hypertension and atherosclerosis." N. K. Bogolepov, A. A. Rastvorova. Reviewed by G. Maksudov). Fel'd. i akush. 21 no. 8: 61 Ag '56.
Venous pressure in hypertension. V. B. Litanishvili. Soob. AN Gruz. SSR 17 no. 6:549-556 '56.

HYPNOTISM
Affecting the process of color sensation by hypnotism. A. S. Vaisblat. Trudy AN Tadzh. SSR 40:159-162 '55.
Eliminating the pain syndrome in irridocyclitis and glaucoma by hypnotic suggestion. A. S. Vaisblat. Trudy AN Tadzh. SSR 40:169-171 '55.
Regulation of respiration and blood circulation in somnolent states. A. V. Eremin, I. N. Cherniakov. Fiziol. zhur. 42 no. 7:541-545 Jl '56.

HYPOCHLORITES
Analysis of hypochlorites and chlorites in solution [with English summary in insert]. I. E. Flis, M. K. Bynaeva. Zhur. anal. khim. 11 no. 4:453-458 Jl-Ag '56.

HYPOCHONDRIA
Hypochondriacal syndrome. V. A. Gilliarovskii. Fiziol. zhur. [Ukr.] 2 no. 4:9-17 Jl-Ag '56.

HYSTERESIS
Characteristics of elastic hysteresis and internal friction. A. G. Rakhshtadt. [Trudy] MVTU no. 41:192-203 '55.

IABLOCHKOV, PAVEL NIKOLAEVICH
Forgotten page. M. Fioshin. Znan. sila 31 no. 9:22 S '56.

IAKOVLEV, IURII
Uneven verse ("A detachment marched." IUrii IAkovlev. Reviewed by T. Polozova). Sem'ia i shkola 11 no. 10: 26-27 O '56.

IANKOVSKAIA, O.
O. IAnkovskaia as Nuri. Teatr 17 no. 9:162-163 S '56.

IANOVS'KYI, IURII, 1902-
Vocabulary of IU. IAnovs'kii's novel "Horsemen." I. K. Bilodid. Nauk. zap. Kiev. un. 14 no. 2:81-109 '55.

IASINSKII, FELIKS STANISLAVOVICH, 1856-1899
Feliks Stanislavovich IAsinskii. Strol. prom. 34 no. 9: 47-48 S '56.

IBERIA (GEORGIA)—HISTORY
The rise of a class society and the power of the state in Iberia. A. I. Boltunova. Vest. drev. ist. no. 2:26-43 '56.

IBIS see subdivision under Ukraine

IBSEN, HENRIK, 1829-1906
Wild statements. Teatr 17 no. 8:133-134 Ag '56.

ICE see subdivision under Arctic regions

ICE CREAM INDUSTRY
Thermal processing of ice cream mixtures in a closed thin-layer flow. I. Gisin. Khol. tekh. 33 no. 3:33-38 Jl-S '56.

ICE HOCKEY see Hockey

ICE ON RIVERS, LAKES, ETC.
Effect of the speed of deformation on the magnitude of the strength limit of river ice subjected to monoaxial compression. K. N. Korzhavin. Trudy NIIZHT no. 11: 205-216 '55.
Explosion of the ice hump. A. V. Plashchev. Priroda 45 no. 9:113 S '56.
Underwater ice formations. V. V. Piotrovich. Priroda 45 no. 9:94-95 S '56.

ICE ON RIVERS, LAKES, ETC.—TERMINOLOGY
Some problems of terminology concerning marine ice. N. I. Evgenov. Meteor. i gidrol. no. 7:34-38 Jl '56.

ICHNEUMON FLIES
Ectoparasitic characteristics of certain ichneumon flies (Hymenoptera, Ichneumonidae, Braconidae). G. A. Viktorov. Ent. oboz. 35 no. 1:89-100 '56.

IDEAS, FIXED see Fixed ideas

ILEK VALLEY—HYDROLOGY
Forecasting the waterness and descent of the snow cover in the upper reaches of the Ilek River Basin. V. I. Korovin. Trudy KazNIGMI no. 5:20-30 '05.

ILI VALLEY—THRIPS
Two new species and one new variety of thrips (Thysanoptera) from northern Kara Kum and the middle course of the Ili River. V. V. IAkhontov. Ent. oboz. 35 no. 1: 144-147 '56.

IL'ICHEV, IAKOV
Iakov Il'ichev's stories ("Crimean encounters." IAkov Il'ichev. Reviewed by A. Pavlovskii). Zvezda no. 10: 174-176 O '56.

ILIUM—SURGERY
Ileostomy as a method for treating early intestinal obstruction following appendectomy in children. N. G. Dam'e. Sov. med. 20 no. 8:50-56 Ag '56.

ILLINOIS—MUSHROOM CULTURE
Mechanizing the cultivation of mushrooms. E. Linnik. Sad i og. no. 9:77 S '56.

ILLYRIAN LANGUAGES—PHONETICS
Phonetic phenomena of the Thracian and Illyrian languages. B. I. Nadel'. Vop. iaz. 5 no. 4:72-81 Jl-Ag '56.

IMMUNITY
Akademiia meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi biologii. [Problems of the immunology of normal and malignant tissue] Voprosy immunologii normal'nykh i zlokachestvennykh tkanei. Pod obshchei red. I. N. Maiskogo. Moskva, Gos. izd-vo med. lit-ry, 1956. 294 p.
Immunity in sheep following brucellosis. R. M. Gurevich, A. G. IAkovleva. Dokl. Akad. sel'khoz. 21 no. 8:7-11 '56.
Problems of infection and immunity in the light of Academician I. P. Pavlov's physiological teachings. Kh. Zh. Zhumatov. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:3-13 '56.
Studying pathogenic viruses in cultures made from tissues of an adult organism. Report no. 2: Culturing the virus of pneumotropic ectromelia in pulmonary explants from immunized mice. Kh. Zh. Zhumatov. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:21-30 '56.

IMPACT
Experimental testing of the applicability of the wave theory for calculating machine parts for strength in connection with longitudinal impact. Sh. S. Mazitov. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:65-75 '56.
Forces and stresses at the point of a mechanical pick in the case of longitudinal impact and formulas suggested for calculating the strength of the point. Sh. S. Mazitov. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:43-63 '56.
Investigation of the load impact on a system with some degree of freedom. K. S. Zavriev. Trudy Inst. stroi. dela AN Gruz. SSR 4:27-35 '53.
Problem of impact on a system with one degree of freedom [in Georgian with summary in Russian]. G. N. Kartsivadze. Trudy Inst. stroi. dela AN Gruz. SSR 4:97-110 '53.

IMPACT—MEASUREMENT
Instrument for measuring impact overloads. M. P. Khotiaintsev. Avtomatyka no. 2:94-98 '56.

IMPLEMENTS, UTENSILS, ETC.
Device for removing pest niduses. Jerzy Lipa. Sad i og. no. 9:73 S '56.

INCANDESCENT LAMPS see Electric lamps, Incandes

INCAPACITY (LAW) see Capacity and disability

INCUBATORS

Establishing province workshops for repairing incubator equipment is an urgent tasks. P. N. Timofeev. Ptitsevodstvo 6 no. 9:47 S '56.

INCURABLES—HOSPITALS AND ASYLUMS

Surrounded by care and love. L. Lamteva. Sots. obesp. 17 no. 4:35 Ap '56.

INDANDIONE

4-nitro-2-phenylindandione-1, 3. V. N. Zelmen, G. J. Vanags. Dokl. AN SSSR 109 no. 3:535-536 Jl '56.

INDERBORSKI—BORATES

Carbonate formation processes in Inder borate beds. A. F. Gorbov. Dokl. AN SSSR 109 no. 1:139-140 Jl-Ag '56.

INDIA—AGRICULTURE, COOPERATIVE

India's agricultural cooperatives. L. Moskalenko. Nov. vrem. 14 no. 40:26-27 S '56.

INDIA—BANKS AND BANKING

Origin of British and Indian banks in colonial India and the nature of their activities [with English summary in insert]. A. I. Levkovskii. Sov. vostokoved. no. 4:57-72 '56.

INDIA—BEE CULTURE

Bee culture in India. A. Komarovskaia. Pchelovodstvo 33 no. 10:47-49 O '56.

INDIA—COMMERCE

On the Indian market of ferrous metals [with summary in English]. IU. Kislenko. Vnesh. torg. 26 no. 9:13-15 S '56.

INDIA—DESCRIPTION AND TRAVEL

A meeting with India ("Indian impressions," Il'ia Ehrenburg. Reviewed by Sergei L'vov). Znamia 26 no. 9:189-190 S '56.

INDIA—ECONOMIC POLICY

Programs for economic development in India and Burma [with summary in English, p. 31]. M. Solomonova, A. Akimov. Vnesh. torg. 26 no. 9:7-12 Ag '56.

Second five-year plan of the Republic of India [with English summary in insert]. M. I. Rubinshtein. Sov. vostokoved. no. 4:28-44 '56.

INDIA—EDUCATION

Progress of education in India. O. A. Nusenbaum. Rad. shk. 35 no. 9:42-48 S '56.

INDIA—FORESTS AND FORESTRY

Zhukov, A. D., and V. P. TSeplaev. [The Fourth World Forestry Congress and the forestry of India] IV Mirovoi lesnoi kongress i lesnoe khoziaistvo Indii. Moskva, Goslesbumizdat, 1956. 117 p.

INDIA—LAND TENURE

An Indian economist on land reform in India ("Land reforms in India" [in English]. 2nd ed. H. D. Malaviya. Reviewed by S. Mikoian). Vop. ekon. no. 9:144-148 S '56.

INDIA—METALLURGICAL FURNACES

Redesign of a shaft furnace at a lead plant in Tundoo. (From "Engineering and Mining Journal" no. 12, 1955). V. A. Naumov. TSvet. met. 29 no. 8:92-93 Ag '56.

INDIA—PALEOBOTANY

Achievements in the field of Cenozoic botany in India during the period 1950-1954. R. N. Lakhanpal. Bot. zhur. 41 no. 6:931-932 Je '56.

INDIA—PAPER INDUSTRY

Paper industry in India. P. P. Bulin. Bum. prom. 31 no. 7:26 Jl '56.

INDIA—PETROLEUM GEOLOGY

India seeks oil. E. Selimkhanov. Nov. vrem. 14 no. 30:26-30 Ag '56.

INDIA—PETROLEUM INDUSTRY

Petroleum equipment for India. Azerb. neft. khoz. 35 no. 8:38 Ag '56.

INDIA—POLITICS AND GOVERNMENT

India's struggle to consolidate her independence. IU. Nasenko. Mosk. prop. 13 no. 8:30-44 Ag '56.

INDIA—RELATIONS (GENERAL) WITH RUSSIA

Friendship in the name of peace. Gafur Abdurashidov. Zvezda Vost. 24 no. 7:102-106 Jl '56.

Meeting of friends. Sots. Uz. 15 no. 9:15 S '56.

INDIA—SOCIAL CONDITIONS

Indian impressions. Il'ia Ehrenburg. V zashch. mira no. 64:23-30 S '56.

INDIA—STUDENTS

A day in the life of an Indian student. Sanat Khaidar. Vsem. stud. nov. 10 no. 8:7 Ag '56.

INDIA—TRADE UNIONS

Basis of united action. Vsem. prof. dvizh. no. 7:20 Jl '56.

Session of the Indian National Trade Union Congress. Kagmar. Vsem. prof. dvizh. no. 7:19-20 Jl '56.

INDIA—TRADE UNIONS—CONGRESSES

Visiting our Indian friends. V. Sakovich. Sov. Profsoiuzy 4 no. 6:74-78 Ag '56.

INDIA—YOUTH

Youth of a great people. Mol. mira no. 7:2-3 '56.

INDIAN PAINTINGS see Paintings, Indian

INDIANS see subdivision under New Guinea

INDIANS OF NORTH AMERICA

First issue of the periodical "Anthropologica" [in English] (Ottawa). IU. Averkieva. Sov. etn. no. 2:146-147 '56.

INDIANS OF SOUTH AMERICA see subdivision under Brazil

INDIC ARCHITECTURE see Architecture, Indic

INDICATORS AND TEST PAPERS

Effect of pH on the ferri-ferro indicator system in determining aluminum by the fluoride method. V. M. Tarasian, E. N. Ovsepian. Nauch. trudy Erev. un. no. 53:75-83 '56.

Use of an aluminum indicator electrode in determining aluminum by the fluoride method. E. N. Ovsepian, V. M. Tarasian. Nauch. trudy Erev. un. no. 53:85-94 '56.

INDICTMENTS

Procedural status and functions of Soviet public prosecutors at the indictment stage. I. V. Tyrichev. Nauk. zap. L'viv. un. 27:79-88 '54.

INDIUM OXIDES

X-ray of the ZnO—$In_2O_3$ system. V. P. Chaly, S. P. Rozhenko. Dokl. AN SSSR 108 no. 6:1106-1108 Je '56.

INDIVIDUALISM

Orlovtsev, F. IA. [Society and the individual] Sotsial'nost' i lichnost', Moskva, Gospolitizdat, 1956. 141 p. (DS)

INDO-ARYAN LANGUAGES, MODERN see subdivision under Soviet Central Asia

INDOCHINA, FRENCH—ECONOMIC CONDITIONS

The domination of French monopolistic capital in the economics of Indochina on the eve of the Second World War. R. A. Popovkina. Krat. soob. Inst. vost. no. 20:63-76 '56.

INDOLEACETIC ACID

Bioelectric potentials of tomato plants in connection with the effect of heteroauxin and α-naphthylacetic acid. V. A. Opritov. Biofizika 1 no. 5:416-424 '56.

Influence of heteroauxin treatment of wheat seeds on their bioelectric potentials. V. A. Opritov. Dokl. AN SSSR 109 no. 4:765-767 Ag '56.

Treating seeds with heteroauxin and its effect on sugar beet yields. R. A. Andreeva, M. Shchetinina. Ud. i ur. 1 no. 8:27-30 Ag '56.

INDONESIA—CULTURE

Country of thirty thousand islands. Khamza. Mol. mira no. 7:7 '56.

INDONESIA—DESCRIPTION AND TRAVEL

Country at the equator (to be continued). Iří Marek. Vokrug sveta no. 9:33-39 S '56.

Kalimantan. G. Afrin. Nov. vrem. 14 no. 37:24-26 S '56.

INDONESIA—ECONOMIC CONDITIONS

Country of thirty thousand islands. Khamza. Mol. mira no. 7:7 '56.

New economic trends in Indonesia. A. Baturin. Nov. vrem. 14 no. 37:10-12 S '56.

INDONESIA—FOREIGN RELATIONS—RUSSIA

Documents: Joint Soviet-Indonesian statement. Nov. vrem. 14 no. 38:insert S '56.

A durable and indissoluble friendship. Krest'ianka 35 no. 10:11 O '56.

Indissoluble friendship of the peoples of the Soviet Union and Indonesia. Sov. Soiuz no. 10:1 O '56.

Indonesian people in the struggle for peace and strengthening of national independence. T. Ershov. Mezhdunar. zhizn' no. 9:19-26 S '56.

President Sukarno in the Soviet Union. Ogonek 34 no. 38:2-3 S '56.

The Soviet Union and Indonesia. Nov. vrem. 14 no. 38:1-3 S '56.

INDONESIA—LABOR AND LABORING CLASSES

Formation of the working class in Indonesia. O. I. Zabozlaeva. Krat. soob. Inst. vost. no. 20:3-16 '56.

INDONESIA—POLITICS AND GOVERNMENT

Indonesian people in the struggle for peace and strengthening of national independence. T. Ershov. Mezhdunar. zhizn' no. 9:19-26 S '56.

INDONESIA—TRADE UNIONS

Urgent problem. Nushirvan Adil. Sov. profsoiuzy 4 no. 9:86-87 S '56.

INDONESIAN ART see Art, Indonesian

INDUCTION MOTORS see Electric motors, Induction

INDUSTRIAL ACCIDENTS

Comparative analysis of injuries with or without subsequent disability. V. I. Ermolinskii. Gig. i san. 21 no. 9:73-74 S '56.

INDUSTRIAL BUILDINGS

Architecture, building, and the exploitation of industrial structures. O. Khorkhot. Arkhit. i bud. 4 no. 2:3-6 Mr-Ap '56.

Experience in unifying buildings of rolling and tube-rolling mills. A. Lubnin, N. Ushakov. Arkhit. SSSR no. 9:11-15 '56.

For an extensive exchange of experience in designing industrial buildings. S. Kabakov, E. Rybitskii. Arkhit. SSSR no. 9:33-35 '56.

High-quality standard designs for industrial construction. Arkhit. SSSR no. 9:1-2 '56.

Improve the standard designs for industrial buildings. M. Ostrovskii. Arkhit. SSSR no. 9:3-6 '56.

The practice of designing standard buildings for the machine tools industry. G. Sakharov. Arkhit. SSSR no. 9:16-19 '56.

Problems in making general plans for industrial enterprises. V. Zlatolinskii. Arkhit. SSSR no. 9:7-11 '56.

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS

Removable attachment for electric trucks. V. Ogurtsov. Khol. tekh. 33 no. 3:35 Jl-S '56.

INDUSTRIAL EQUIPMENT—COST

Obsolescence of industrial equipment. A. Omarov. Mol. komm. 14 no. 9:102-106 S '56.

INDUSTRIAL FILMS see Motion pictures in industry

INDUSTRIAL HYGIENE

(see also subdivision under Dnepropetrovsk)

Vaskevich, D. N. [Luminescence analysis in industrial sanitary chemistry] Liuminestsentnyi analiz v promyshlenno-sanitarnoi khimii. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 78 p.

Work of an industrial health center. M. G. Shcherbakova. Fel'd. i akush. 21 no. 7:45-47 Jl '56.

INDUSTRIAL MANAGEMENT

Independence of managers of an enterprises. B. Ponter. Kommunist 33 no. 13:124-128 S '56.

Management practice and ways to improve it. I. Manvelov. Kommunist 33 no. 13:120-124 S '56.

One-man and collective leadership in enterprises. Part. zhizn' no. 16:63-66 Ag '56.

Operational ability is the basic feature of management of enterprises. V. Poliakov. Kommunist 33 no. 13:110-119 S '56.

The role of the collective group in industrial management. B. Skvirenko. Part. zhizn' no. 15:37-44 Ag '56.

INDUSTRIAL MUSEUMS

A school's technical museum. B. Konstantinov. Nar. obr. no. 9:51-62 S '56.

INDUSTRIAL ORGANIZATION

(see also subdivision under Kazakhstan)

The decision of the government on the survey of standard staffs is not being carried out. A. Korovkin. Fin. SSSR 17 no. 9:27-31 S '56.

First results. M. Anoshkin. Fin. SSSR 17 no. 9:34-35 S '56.

Organizational excesses. P. Sidorov. Fin. SSSR 17 no. 9:32-33 S '56.

The potentialities of socialist industry. S. Kheinman. Sots. trud. no. 8:20-48 Ag '56.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL POWER TRUCKS

One-bucket loaders abroad. V. A. Skotnikov. Stroi. i dor. mashinostr. no. 7:36-39 Jl '56.

The TR-4 tractor loader for inert materials. V. N. Titov. Stroi. i dor. mashinostr. no. 7:30-32 Jl '56.

Truck loaders. Avt. transp. 34 no. 8:insert Ag '56.

INDUSTRIAL PSYCHOLOGY see Psychology, Industrial

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

(see also subdivision under Kuybyshev Province; Leningrad)

Korol'kova, V. I. [Safety measures in industrial enterprises] Elektro-bezopasnost' na promyshlennykh predpriiatiiakh. Izd. 3-e, dop. Moskva, Gos. izd-vo obor. promyshl., 1956. 447 p.

Pakutin, V. D. [Legal responsibility for crimes in the sphere of protection of labor under the provisions of Soviet criminal laws; author's abstract of a dissertation submitted for the degree of candidate of law] Otvetvennost' po sovetskomu ugolovnomu pravu za prestupleniia v oblasti okhrany truda; avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Moskovskii gos. univ. im. M. V. Lomonosova, 1956. 15 p.

INDUSTRIAL SAFETY (Continued)

Rysakov, LM. [Organization of safety measures in industry] Organizatsiia bezopasnoi raboty na proizvodstvennom uchastke. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 45 p.

With the help of active members. P. Birliukov. Sov. profsoiuzy 4 no. 5:43-45 S '56.

INDUSTRIAL TOURS

Industrial excursion experience. V. P. Lebedev. Mat. v shkole no. 5:49-51 S-O '56.

Industrial excursions for students of grades eight to ten. A. K. Artemov. Mat. v shkole no. 5:37-42 S-O '56.

Technical tours for mathematics classes. E. V. Kniazeva. Mat. v shkole no. 5:43-49 S-O '56.

INDUSTRIALIZATION
(see also subdivision under Russia)

Malyshev, I.V. [The role of the masses in the development of socialist methods of production in the U.S.S.R.] Rol' narodnykh mass v razvitii sotsialisticheskogo sposoba proizvodstva v SSSR. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 42)

Vygodskii, S.L. [Some problems concerning the competition of socialism with capitalism at the present stage] Nekotorye voprosy sorevnovaniia sotsializma s kapitalizmom na sovremennom etape. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 40)

INDUSTRIES, CHEMICAL see Chemical industries

INDUSTRIES, LOCATION OF
(see also subdivision under Siberia)

Changes in location of industrial forces of the U. S. S. R. in the sixth five-year plan. O. A. Konstantinov. Izv. Vses. geog. ob-va 88 no. 4:351-363 Jl-Ag '56.

"Geography of the industry of the U. S. S. R." P. N. Stepanov. Reviewed by M. B. Vol'f. Izv. Vses. geog. ob-va 88 no. 4:399-402 Jl-Ag '56.

INERT ELEMENTS see Gases, Rare

INERTIA, MOMENTS OF see Moments of inertia

INFANT WELFARE see Maternal and infant welfare

INFANTILE PARALYSIS see Poliomyelitis

INFANTRY DRILL AND TACTICS

Attack in the enemy's depth of defense by a rifle company. V. Kulinich. Voen. vest. 36 no. 8:22-27 Ag '56.

Perfecting skill in the fire control of rifle units on the offensive. A. Aleksandrov, A. Grechikhin. Voen. vest. 36 no. 8:14-22 Ag '56.

Problems in attacking the enemy's main line of resistance. A. Golovin. Voen. vest. 36 no. 9:43-46 S '56.

Some problems in the field training of cadets. I. Mel'nikov, V. Prozorov. Voen. vest. 36 no. 8:34-41 Ag '56.

Tactical precourse training. P. Marintsev. Voen. vest. 36 no. 9:8-12 S '56.

INFANTS—DISEASES

Interaction of rickets and pneumonia in young children. A. I. Perevoshchikova, K. V. Korotkova, L. S. Miakisheva. Sov. med. 20 no. 8:30-34 Ag '56.

INFANTS—NUTRITION

Gil', S. A. [Nutritious mixtures for infants; a manual for milk kitchens and milk-food stations] Pitatel'nye smesi dlia detei grudnogo vozrasta; kratkii spravochnik dlia molochnykh kukhon' i molochno-pishchevykh stantsii. Izd. 7-oe, ispr. i dop. Kiev, Gos. med. izd-vo, 1952. 65 p.
(DAFM)

INFANTS (NEWBORN)—DISEASES

Prevention of toxicoseptic diseases in the newborn. V. N. Glazkova. Fel'd. i akush. 21 no. 9:29-32 S '56.

INFECTION

Effect of drug-induced sleep on immunological reactivity and the course of infection in an experiment. N. M. Shumyts'ka. Fiziol. zhur. [Ukr.] 2 no. 3:108-114 My-Je '56.

Problems of infection and immunity in the light of Academician I. P. Pavlov's physiological teachings. Kh. Zh. Zhumatov. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:3-13 '54.

INFECTIOUS DISEASES see Communicable diseases

INFLAMMATION

Effect of Ginseng on the course of inflammation. I. I. Brekhman. Mat. k nauch. shen'-shenia i lim. no. 2: 132-139 '55.

INFLUENZA
(see also subdivision under Boils)

Effect of nonspecific stimuli on the course of an experimental influenza infection. G. G. Mikhailov, Kh. Zh. Zhumatov. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:31-36 '54.

Garlic preparations in the prophylaxis and treatment of influenza and acute catarrhs of the upper respiratory tract. V. M. Korotkov. Fel'd. i akush. 21 no. 9:5-7 S '56.

New aspects in the etiology of influenza and of other respiratory infections. V. D. Solov'ev. Zhur. mikrobiol., epid. i immun. 27 no. 8:3-8 Ag '56.

Zhdanov, V. M. [Influenza] Gripp. Moskva, Medgiz, 1956. 17 p.
(DAFM)

INFRARED RAYS

Use of night vision instruments. (Review of the foreign military press). V. Nikolaev. Voen. vest. 36 no. 9: 72-78 S '56.

Using infrared rays in military affairs. A. Iznar. Voen. vest. 36 no. 8:70-77 Ag '56.

INFRARED RAYS—INDUSTRIAL APPLICATIONS
(see also subdivision under United States)

Use of infrared rays to heat the ground in digging trenches in winter. IA. V. TSyrul'nik. Elek. sta. 27 no. 8:47 Ag '56.

INFRARED SPECTRUM see Spectrum, Infrared

INGROWING NAILS see Nails, Ingrowing

INGUL VALLEY—GRANITE

Red trachytoid granite in the Ingul-Inguleta region of the Ukraine. IU. I. Polovinkina. Nauk. zap. Kiev. un. 9 no. 10:53-57 '50.

INGULETS VALLEY—GRANITE

Red trachytoid granite in the Ingul-Inguleta region of the Ukraine. IU. I. Polovinkina. Nauk. zap. Kiev. un. 9 no. 10:53-57 '50.

INGULETS VALLEY—ROCKS, CRYSTALLINE AND METAMORPHIC

Inguleta crystalline complex. S. P. Rodionov. Nauk. zap. Kiev. un. 9 no. 10:9-51 '50.

INGULETS VALLEY—WATER, UNDERGROUND

Water supply for industrial enterprises of the Aleksandriya brown coal deposit. F. A. Rudenko. Nauk. zap. Kiev. un. 9 no. 10:149-151 '50.

INHERITANCE AND SUCCESSION

Some moot problems in Soviet inheritance law. A. A. Fainshtein. Nauk. zap. L'viv. un. 27:103-111 '54.

"Soviet inheritance law." B. S. Antimonov, K. A. Grave. Reviewed by V. A. Riasentsev. Sov. gos. i pravo no. 4: 142-146 '56.

INHIBITION

Effect of a permanent magnetic field on the phenomenon of Sechenov's inhibition. E. V. Selivanova, G. M. Erdman. Biofizika 1 no. 5:412-415 '56.

Mechanism and location of Sechenov's inhibition of spinal reflexes. E. V. Sokolova. Vest. Len. un. 11 no. 15:117-125 '56.

INJECTIONS, INTRAMUSCULAR

Case of brain embolism following an intragluteal ecmonovocillin injection. S. I. Petrushevskii. Vest. ven. i derm. 30 no. 4:59 Jl-Ag '56.

Intramuscular administration of biomycin and terramycin. N. I. Givental'. Antibiotiki 1 no. 3:38-42 My-Je '56.

INJECTIONS, SALINE

Method of preparation of so-called saline frogs. N. V. Korostovtseva. Fiziol. zhur. 42 no. 7:609-611 Jl '56.

INJURIES FROM SPORTS see Sports—Accidents and injuries

INOCULATION see Vaccination

INOCULATION OF SOILS see subdivision 'Soil inoculation' under Rostov Province

INORGANIC CHEMISTRY see Chemistry, Inorganic

INSCRIPTIONS, GREEK see subdivision under Olbia (Borysthenes)

INSCRIPTIONS, LATIN

Latin inscriptions published during 1949-1955. E. M. Shtaerman. Vest. drev. ist. no. 2:111-128 '56.

Selected Latin inscriptions on the social and economic history of the early Roman Empire. E. M. Shtaerman. Vest. drev. ist. no. 2:185-234 '56.

INSECTICIDES

[A chemical method of controlling harmful insects and mites; a collection of abridged translations and abstracts from foreign periodical literature] Khimicheskii metod bor'by s vrednymi nasekomymi i kleshchami; sbornik sokrashchennykh perevodov i referatov inostrannoi periodicheskoi literatury. Otv. red. B. I. Rukavishnikov. Moskva, Izd-vo inostrannoi lit-ry, 1956. 496 p.

Chemicals against cabbage maggots. I. P. Maslennikov. Zashch. rast. ot vred. i bol. 1 no. 2:43-44 My-Je '56.

Concentrated emulsion of anthracene oil. S. F. Bezuglyi. [Trudy] NIUIF no. 156:129-136 '56.

Concentrated emulsion of anthracene oil as a product used for detroying insects in the hibernation stage. E. A. Pokrovskii. [Trudy] NIUIF no. 156:174-186 '56.

Controlling aqueous vegetation hampering the normal use of reservoirs. B. A. Shimanskii. Elek. sta. 27 no. 7:18-21 Jl '56.

Correct use of "vofatoks." P. V. Zaring. Zashch. rast. ot vred. i bol. 1 no. 2:27-28 My-Je '56.

Dobrovol'skii, B.V., and A.V.Ponomarenko. [Chemical control of injurious insects in the soil] Khimicheskaia bor'ba s vrednymi nasekomymi v pochve. Moskva, Izd-vo Moskovskogo universiteta, 1956. 114 p.

Harmfulness of leafhoppers. V. E. Palii, E. E. Makarenko. Zashch. rast. ot vred. i bol. 1 no. 3:41-42 My-Je '56.

Mechanism of the preparation of powder-type insecticides and ways of intensifying their production. S. M. Shogam. [Trudy] NIUIF no. 156:5-18 '55.

Mixture of sulfite pulp extract and lime used as ingredients for alkaloid insecticides. G. V. Gogonava. Soob. AN Gruz. SSR 17 no. 6:519-526 '56.

New insecticide-acaricide of the group of organic thiocyanates. G. M. Mardzhanian, G. T. Esaian. Izv. AN Arm. SSR. Biol. i sel'khoz. naukl. 9 no. 8:59-66 Ag '56.

Smoke pots. Z. V. Ivanova. Zashch. rast. ot vred. i bol. 1 no. 3:26-27 Jl-Ag '56.

Using the ash from Cottrell filters of electric power stations as filler in preparing dusts. K. A. Gar and others. [Trudy] NIUIF no. 156:73-80 '56.

INSECTIVORA

Animals that prey on insects. IA. TSinger. Znan. sila 31 no. 9:32 S '56.

INSECTS
(see also subdivision under Estonia; Hungary)

Morphogenetic analysis of the development of imaginal discs in insects [with summary in English]. D. M. Shteinberg. Ent. oboz. 35 no. 3:503-509 '56.

Significance of the soil in the origin and evolution of insects [with summary in English]. M. S. Gilarov. Ent. oboz. 35 no. 3:487-494 '56.

"Social insects." Reviewed by E. N. Pavlovskii, V. V. Popov. Zool. zhur. 35 no. 6:944-945 Je '56.

Study of soil insects as a method for classifying soils [with summary in English]. M. S. Gilarov. Ent. oboz. 35 no. 3:495-502 '56.

INSECTS—BIBLIOGRAPHY see Bibliography—Insects

INSECTS—COLLECTION AND PRESERVATION

Anazote, a microporous rubber for entomological containers. V. P. Negrobov. Zool. zhur. 35 no. 6:935-936 Je '56.

INSECTS—COLOR see Color of insects

INSECTS—DEVELOPMENT

Features of insect ontogeny [with summary in English]. K. O. Larchenko. Ent. oboz. 35 no. 3:510-517 '56.

INSECTS—EMBRYOLOGY see Embryology—Insects

INSECTS, COLOR OF see Color of insects

INSECTS, FOSSIL see subdivision under Siberia

INSECTS, INJURIOUS AND BENEFICIAL
(see also subdivision under Poltava Province; Tajikistan)

Development of insect fauna injurious to tea plants in the U. S. S. R. [with summary in English]. L. P. Kalandadze. Ent. oboz. 35 no. 3:637-647 '56.

Long-range study of insects in pine plantations of the southeast sandy areas [with English summary in insert]. A. I. Vorontsov. Zool. zhur. 35 no. 6:847-862 Je '56.

On the book "Journey to the land of nectar. "Flowers and insects." I. Vasil'kov. Reviewed by P. V. Martynov. Pchelovodstvo 33 no. 8:58-60 S '56.

INSECTS, INJURIOUS AND BENEFICIAL—BIBLIOGRAPHY see Bibliography—Insects, Injurious and beneficial

INSECTS AS CARRIERS OF DISEASE

Vectors and reservoirs of brucellosis in nature [with summary in English]. I. G. Galuzo, M. M. Klementsova. Ent. oboz. 35 no. 3:560-569 '56.

INSEMINATION, ARTIFICIAL see Artificial insemination

INSTRUCTION see Teaching

INSTRUMENT FLYING

Flying an An-2 at night. S. Erokhov. Grazhd. av. 13 no. 8:13 Ag '56.

INSTRUMENTS

International convention of instrument designers. D. L. Orshanskii. Priborostroenie no. 8:28-29 Ag '56.

INSTRUMENTS, ASTRONOMICAL see Astronomical instruments

INSTRUMENTS, ELECTRIC see Electric instruments

INSTRUMENTS, ELECTRONIC see Electronic instruments

INSTRUMENTS, MAGNETIC see Magnetic instruments

INSTRUMENTS, MEASURING see Measuring instruments

INSTRUMENTS, MEDICAL see Medical instruments and apparatus

INSTRUMENTS, METEOROLOGICAL see Meteorological instruments

INSTRUMENTS, OPTICAL see Optical instruments

INSTRUMENTS, PHYSICAL see Physical instruments

INSTRUMENTS, SURGICAL see Surgical instruments and apparatus

INSTRUMENTS, SURVEYING see Surveying—Instruments

INSULATING MATERIALS

Adhesives for insulating materials. E. V. Iskra. Sudostroenie 22 no. 8:22-25 Ag '56.

INSULATING OILS

Creeping discharges on the surface of transformer oil. I. E. Balygin. Elektrichestvo no. 7:63-65 Jl '56.

Testing on alkyl-phenol antioxidant additive in transformers. K. I. Ivanov and others. Khim. i tekh. topl. no. 9:51-56 S '56.

Testing the insulation of large transformers. V. N. Zvezdkin, R. G. Nadel'son. Elektrichestvo no. 7:70-73 Jl '56.

INSULATION (ELECTRIC) see Electric insulators and insulation

INSULATION (HEAT)

Improved insulation systems. M. N. Borkin. Sudostroenie 22 no. 6:28 Ag '56.

New method of heat-insulation work. T. G. Zamskii. Elek. sta. 27 no. 7:47 Jl '56.

INSULIN

Dependence of the hexokinase-inhibiting properties of the plasma β-lipoprotein fraction on cortisone and insulin. V. S. Il'in, G. V. Titova. Vop. med. khim. 2 no. 4:243-251 Jl-Ag '56.

Mechanism of the action of insulin on the hexokinase reaction. V. S. Il'in, G. V. Titova. Vop. med. khim. 2 no. 3:203-209 My-Je '56.

Present-day concept on the structure of insulin and its relation to biological action. L. S. Igilisina. Probl. endok. gorm. 2 no. 1:103-110 Ja-F '56.

INSURANCE

Brief remarks. Sots. obesp. 17 no. 5/6:90-91 My-Je '56.

INSURANCE, ACCIDENT

The value of a burned-out eye. I. Samoilov. Sots. obesp. 17 no. 5/6:31 My-Je '56.

INSURANCE, SOCIAL

(see also subdivision under Bulgaria; Czechoslovakia; Groznyy Province; Hungary; Leningrad; Lyubimovka; Moscow; Petrovskoye District (Stavropol Territory); Ten'gusheve District)

According to the new law on social security. Sov. zhen. 12 no. 9:41 S '56.

The active help of pensioners. A. Nazarov. Sots. obesp. 17 no. 8:13-16 Ag '56.

Attain new successes. S. Gorshkov. Sots. obesp. 17 no. 4:26-28 Ap '56.

Brief news. Sots. obesp. 17 no. 8:61 Ag '56.

Concern for the welfare of the Soviet people. B. Gorokhovskii. Sots. trud. no. 8:21-28 Ag '56.

A day in a village section of social insurance. S. Vlasov. Sots. obesp. 17 no. 5/6:31-33 My-Je '56.

The deputies are our active group. K. Gaidukevich. Sots. obesp. 17 no. 5/6:50 My-Je '56.

Establishing the length of work service according to the testimony of witnesses. Sots. obesp. 17 no. 4:51-52 Ap '56.

For the attention of the Central Administration of Government Insurance of the U. S. S. R. G. Bryzhin, I. Rabinovich. Fin. SSSR 17 no. 9:64-68 S '56.

For the welfare of the Soviet man. Sots. obesp. 17 no. 4:1-3 Ap '56.

The help of trade unions is needed. Z. Borovikova. Sots. obesp. 17 no. 4:10 Ap '56.

How the district soviet helps us. R. Khabibullina. Sots. obesp. 17 no. 5/6:18-20 My-Je '56.

In the interests of collective farmers. S. Vlasov. Sots. obesp. 17 no. 4:41-43 Ap '56.

In the Ministry. Sots. obesp. 17 no. 5/6:92 My-Je '56.

In the research institutes of Ministry of Social Insurance of the U. S. S. R. Sots. obesp. 17 no. 5/6:95 My-Je '56.

In the Union republics. Sots. obesp. 17 no. 4:55 Ap '56.

Inspect the activity of local offices regularly. V. Fedlaev. Sots. obesp. 17 no. 4:11 Ap '56.

The law on government pensions and the tasks of trade unions. I. Kozlov. Sov. profsoiuzy 4 no. 7/8:16 Jl '56.

Law on government pensions in the U. S. S. R. G. K. Moskalenko. Sov. gos. i pravo no. 6:12-21 '56.

Letters to the editor. Sots. obesp. 17 no. 5/6:82-83 My-Je '56.

Our consultation. Sots. obesp. 17 no. 5/6:74-75 My-Je '56.

The party's word is a firm word. Sots. obesp. 17 no. 5/6:1-4 My-Je '56.

Pension documentation will be in time. I. Pogorelov. Sots. obesp. 17 no. 5/6:37 My-Je '56.

A postwoman's story. V. Shipov. Sots. obesp. 17 no. 8:24-25 Ag '56.

Put the new law into effect in organized fashion. Sots. obesp. 17 no. 8:1-3 Ag '56.

The Soviet people speak. Sots. obesp. 17 no. 5/6:5 My-Je '56.

Statute on cooperative insurance pensions. Prom. koop. no. 9:1-4 S '56.

What must be taken into account in the recalculation of pensions. G. Iniutin. Sots. obesp. 17 no. 8:9-12 Ag '56.

The work of committees for the allotment of pensions can be simplified. M. Kotomin. Sots. obesp. 17 no. 4:11 Ap '56.

The workers' thanks. I. IAkimovich. Sots. obesp. 17 no. 5/6:6-7 My-Je '56.

INTA VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Inta Valley fauna of lower Permian deposits of the Northern Urals. E. D. Konzhukova. Trudy Paleont. inst. 62:5-50 '56.

INTEGRAL EQUATIONS

Existence and development of solutions of one class of a nonlinear integral equation. K. A. Nadzhafov. Trudy Azerb. ind. inst. no. 9:38-46 '55.

History of integral variational principles in mechanics. A. T. Grigor'ian. Vop. ist. est. i tekh. no. 1:24-33 '56.

Nekrasov's equation in the theory of waves of the surface of heavy fluid. M. A. Krasnosel'skii. Dokl. AN SSSR 109 no. 3:456-459 Jl '56.

Singular integral operator with discontinuity coefficients. I. N. Kartsivadze. Dokl. AN SSSR 109 no. 3:460-462 Jl '56.

Some remarks on the numerical solution of integral equations. S. L. Sobolev. Izv. AN SSSR. Ser. mat. 20 no. 4:413-436 Jl-Ag '56.

INTEGRALS

Approximate evaluation of integrals in the case of rapidly oscillating factors in the integrand. V. I. Krylov. Dokl. AN SSSR 106 no. 6:1014-1017 Je '56.

Connection between the special and partial integrals of partial equations of the first order. K. IA. Latysheva. Nauk. zap. Kiev. un. 11 no. 7:47-58 '52.

Correlation between the integration of an equation linear in its Jacobians and satisfying the M. Hamburger conditions, and the corresponding symbolic equation. IU. V. Pfeiffer. Nauk. zap. Kiev. un. 8 no. 4:9-12 '49.

Integrals of symbolic equations connected with equations linear in their Jacobians, which satisfy the M. Hamburger conditions. IU. V. Pfeiffer. Nauk. zap. Kiev. un. 8 no. 4:5-7 '49.

Multiplication integral and an almost periodic matrix. V. N. Ivanov. Dokl. AN SSSR 109 no. 5:902-905 Ag '56.

INTEGRALS, MULTIPLE

Expressing by a double integral the area of a surface given in polar coordinates. A. N. Kostovskii. Dop. ta pov. L'viv. un. no. 5, pt. 2:94-96 '55.

INTEGRATION

Simplest integration of a generalized *Pfaff* theorem; of equations linear in their Jacobians and satisfying the M. Hamburger conditions, and of systems of equations linear in their Jacobians and satisfying the generalized M. Hamburger conditions. IU. V. Pfeiffer. Nauk. zap. Kiev. un. 8 no. 4:13-17 '49.

INTELLECTUAL LIFE see subdivision under China

INTELLIGENCE OF ANIMALS see Animal intelligence

INTERFERENCE (LIGHT)

Theory of light interference in thin absorbing films. N. D. Morgulis. Nauk. zap. Kiev. un. 14 no. 6:183-187 '55.

INTERFEROMETRY

Use of an optical modulation-interference method in measuring the dynamic modulus of rubber for very small deformation amplitudes. N. M. Borovitskaia. Dokl. AN SSSR 109 no. 5:923-926 Ag '56.

INTERNAL COMBUSTION ENGINES see Gas and oil engines

INTERNATIONAL CORRESPONDENCE

Voices from faraway lands. Z. Shnekendorf. Pioner no. 10:32-36 O '56.

INTERNATIONAL EXCHANGE OF STUDENTS see Students, Interchange of

INTERNATIONAL EXCHANGES, LITERARY AND SCIENTIFIC see Exchanges, Literary and scientific

INTERNATIONAL GEOPHYSICAL YEAR

Apropos of the International Geophysical year. Visnyk AN URSR 27 no. 7:78 '56.

INTERNATIONAL LABOR ORGANIZATION

Experience gained in joint work. Tom Drinkwater. Vsem. prof. dvizh. no. 8:6-8 Ag '56.

Louis Saillant's speech. Vsem. prof. dvizh. no. 8:3-5 Ag '56.

INTERNATIONAL LAW

A discussion on V. I. Lisovskii's book "International Law." V. S. Sov. gos. i pravo no. 6:121-124 '56.

Permanent neutrality, the right of self-defense, and the regional system in the light of the U. N. Charter. K. A. Baginian. Sov. gos. i pravo no. 6:102-109 '56.

Some legal aspects of peaceful coexistence. Marjan Muszkat. Mezhdunar. zhizn' no. 9:37-46 S '56.

INTERNATIONAL LAW—CODIFICATION—HISTORY

The field draft. V. M. Koretskii. Sov. gos. i pravo no. 4:110-115 '56.

INTERNATIONAL LAW, PRIVATE

"Standard contracts in international trade on the world's capitalist market" [in Polish]. J. Zielenkowski. Reviewed by I. Pisarets [with summary in English, p. 311]. Vnesh. torg. 26 no. 6:26-27 Ag '56.

INTERNATIONAL RELATIONS

Ermashev, I. I. [International cooperation; why it is necessary and how to broaden it] Mezhdunarodnoe sotrudnichestvo; pochemu ono neobkhodimo i kak ego rasshirit'. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p.

INTERNATIONAL SECURITY see Security, International

INTERPLANETARY VOYAGES

Gil'zin, K. A. - [Travels to distant worlds] Puteshestvie k dalekim miram. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 276 p.

Shternfel'd, A. A. [Interplanetary flights] Mezhplanetnye polety. Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teorat. lit-ry, 1956. 47 p. (Nauchno-populiarnaia biblioteka, no. 33)

"Voyages into the cosmos." M. Vasil'ev. Reviewed by IU. Moralevich. Vokrug sveta no. 8:59-60 Ag '56.

INTERPOLATION

New method of constructing Weierstrass's interpolation formulas. D. L. Berman. Dokl. AN SSSR 109 no. 4:679-682 Ag '56.

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES

Histogenesis of the absorptive and glandular apparatus in sheep intestines. L. V. Davletova. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:119-127 '55.

Morphological characteristics of the ileocecal region in man [with summary in English, p. 159]. E. A. Dyakin. Vest. khir. 77 no. 8:71-75 Ag '56.

Role of hydrogen sulfide in the appearance of a reduction potential in experiments. D. V. Lipaits. Vop. med. khim. 2 no. 3:182-187 My-Je '56.

INTESTINES—DISEASES

Cherepashenis, M. R. [Enterogenic phlegmons of the intestines] Enterogennye flegmony kishok. Moskva, Medgiz, 1956. 108 p. (Biblioteka prakticheskogo vracha) (DAFM)

Control of intestinal infections in the U. S. S. R. I. I. Shatrov, N. I. Zatsepin. Med. sestra 15 no. 7:3-7 Jl '56.

INTESTINES—OBSTRUCTIONS

Acute intestinal obstruction caused by an intestinal anastomosis stump. K. S. Simonian. Khirurgiia 32 no. 6:67 Je '56.

Ileostomy as a method for treating early intestinal obstruction following appendectomy in children. N. G. Dam'e. Sov. med. 20 no. 6:50-56 Ag '56.

Importance of X-ray investigation with contrast media in the diagnosis of volvulus. V. I. Petrov. Khirurgiia 32 no. 6:50-53 Je '56.

Intestinal obstruction. L. Simeonov. Sov. med. 20 no. 8:56-58 Ag '56.

Late results of treating acute intestinal obstruction. A. P. IUrikhin. Khirurgiia 32 no. 6:54-58 Je '56.

Present-day problems of acute intestinal obstruction [with summary in English, p. 159]. V. I. Struchkov. Vest. khir. 77 no. 8:53-60 Ag '56.

Strangulated intestinal obstruction in visceral inversion. S. I. Khalgrekht. Khirurgiia 32 no. 6:66 Je '56.

INTESTINES—SECRETIONS

Catalase and peroxidase in intestinal juice. K. P. Petrov. Fiziol. zhur. 42 no. 7:689-691 Jl '56

INTESTINES—SURGERY

Errors in forming a gastroenteroanastomosis with an interintestinal communication. S. T. Bagdasar'ian. Khirurgiia 32 no. 6:69-71 Je '56.

Late complications of side-to-side intestinal anastomosis. N. N. Solov'ev. Khirurgiia 32 no. 6:67-68 Je '56.

INTOXICANTS see Alcohol

INTRAMUSCULAR INJECTIONS see Injections, Intramuscular

INTRENCHMENTS
The shape of foxholes. A. Belokon'. Voen. vest. 36 no. 9:46-47 S '56.

INVALIDS
Letter to M. Kh. Polonetskii. E. Ivanenkova. Sots. obesp. 17 no. 8:47-50 Ag '56.

INVALIDS—OCCUPATIONS
Invalids with amputated forearm work as turners. L. Khankin. Sots. obesp. 17 no. 8:37-40 Ag '56.
On the basis of experimental training. L. Radushinskii. Sots. obesp. 17 no. 4:23-25 Ap '56.
Once again in one's old factory. N. Malinovskii. Sots. obesp. 17 no. 8:52-53 Ag '56.
We go out to the industries. P. Fedorenko. Sots. obesp. 17 no. 8:32 Ag '56.

INVAR
Methods of aging invar wire by means of high-frequency currents. S. S. Muradian. Geod. i kart. no. 4:40-44 Je '56.

INVENTORIES
Certification of inventory results. A. IAkovlev. Bukhg. uchet 15 no. 8:7-10 Ag '56.

INVERTEBRATES
(see also subdivision under Danube Delta; Soviet Far East; Zeravshan Valley)
Some features of intraspecific morphological and biological variability exemplified by marine invertebrates [with English summary in insert]. V. V. Kuznetsov. Zool. zhur. 35 no. 8:1118-1130 Ag '56.

INVESTMENTS, AMERICAN see subdivision under Japan

INVESTMENTS, FOREIGN see subdivision under Turkey

IODIDES—SPECTRA
Luminescence spectra of certain iodide crystals. V. A. Arkhangel'skaia, P. P. Feofilov. Dokl. AN SSSR 108 no. 5:803-805 Je '56.

IODINE
(see also subdivision under Ukraine)
Reaction of trialkylsilanes with iodine and hydrogen iodide. M. G. Voronkov, IU. I. Khudobin. Izv. AN SSSR. Otd. khim. nauk no. 7:805-810 Jl '56.
Role of soil conditions in iodine and endemic goiter in Oni and other districts of the Georgian S. S. R. V. I. Kalishevskaia. Probl. endok. i gorm. 2 no. 2:56-62 Mr-Ap '56.

IODINE—ISOTOPES
Destruction of the thyroid gland by internal ionizing radiation (radioactive iodine) and some means of protection; experiments on birds. IA. M. Kabak, I. N. Tal'skaia. Probl. endok. i gorm. 2 no. 2:3-22 Mr-Ap '56.
Significance of thyroid function test with the aid of radioiodine in the diagnosis of initial and obliterated forms of thyretoxicosis. B. B. Rodnianskii, D. M. Malinskii. Probl. endok. i gorm. 2 no. 1:8-12 Ja-F '56.

IODINE—THERAPEUTIC USE
Iodine prevention of endemic goiter. M. E. Skatkov. Probl. endok. i gorm. 2 no. 1:111-117 Ja-F '56.
Radioactive iodine in the treatment of thyrotoxicosis. A. A. Atabek. Sov. med. 20 no. 8:25-30 Ag '56.

IODOMETRY
Arsenate method for iodometric determination of lead using organic solvents. G. B. Shakhtakhtinskii, R. A. Meilkova. Trudy Azerb. ind. inst. no. 8:80-87 '54.
Iodometric determination of copper by means of basic arsenate. G. B. Shakhtakhtinskii, R. A. Meilkova. Trudy Azerb. ind. inst. no. 8:88-93 '54.
Volumetric iodatometric method for the determination of cadmium. I. L. Bagbanly. Izv. AN Azerb. SSR no. 5: 29-41 My '56.

ION EXCHANGE
Distribution of ions between solutions and solid state. T. M. Polonskii. Nauk. zap. L'viv. un. 34:25-29 '55.
Ion-exchange study of the dissociation of $CoC_2O_4$. G. A. Kniazev, V. V. Fomin, O. I. Zakharov-Nartsissov. Zhur. neorg. khim. 1 no. 2:342-344 F '56.
Separation of metals by the ion exchange chromatographic methods. R. N. Holovatyi. Nauk. zap. L'viv. un. 34:118-124 '55.
Statics and dynamics of the ion exchange of aureomycin and terramycin with hydrogen and sodium ions on cationites. G. V. Samsonov and others. Koll. zhur. 18 no. 4:474-479 Jl-Ag '56.

ION-HYDROGEN CONCENTRATION see Hydrogen-ion concentration

IONIUM
Methods of ionium determination. I. E. Starik and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:47-52 '55.

IONIZATION CHAMBERS
Spectrum and meteorological effect of ionization bursts. D. D. Krasil'nikov, S. I. Nikol'skii. Trudy Iak. fil. AN SSSR. Ser. fiz. no. 1:48-54 '55.

IONOSPHERIC RADIO WAVE PROPAGATION
Effect of radio waves on ionospheric plasma. A. V. Gurevich. Zhur. eksp. i teor. fiz. 30 no. 6:1112-1124 Je '56.

IONS
Particular properties of thirteen-electron ions. K. B. IAtsimirskii. Zhur. neorg. khim. 1 no. 1:96-99 [Jan.] '56.
Study of the exchange sorption of organic ions. A. T. Davydov, R. F. Skoblionok. Zhur. ob. khim. 26 no. 7: 1860-1862 Jl '56.

IOTSICH REACTION
The Iotsich reaction. L. D. Bergel'son. Reakts. org. soed. 4:7-158 '56.

IRAN—ECONOMIC CONDITIONS
Materials on the social and economic description of the provinces of Iran. G. M. Petrov. Krat. soob. Inst. vost. no. 19:78-89 '56.

IRAN—EUROPEAN WAR, 1914-1918
German aggression in Iran during the First World War. M. N. Ivanova. Krat. soob. Inst. vost. no. 19:14-27 '56.

IRAN—FOREIGN RELATIONS—RUSSIA
Guests from Iran. Sots. Uz. 15 no. 8:14 Ag '56.

IRAN—HISTORY
First Russian revolution and rise of the national liberation movement in Iran [in Azerbaijani with summary in Russian]. A. Dadashly. Uch. zap. AGU no. 10:57-77 '55.

IRAN—INVESTMENTS, ENGLISH
History of the enslavement of Iran by English capitalism. L. M. Kulagina. Krat. soob. Inst. vost. no. 19:3-13 '56.

IRAN—LOCUSTS
New Acrididae of ancient tropical genesis found in Iran. G. IA. Bei-Bienko. Dokl. AN SSSR 109 no. 3:639-641 Jl '56.

IRAN—PETROLEUM INDUSTRY
The truth about Iranian oil ("Persian oil; a study in power politics" [in English]. L. P. Elwell-Sutton. Reviewed by A. El'ianov). Nov. vrem. 14 no. 40: 27-29 S '56.

IRAN—RELATIONS (GENERAL) WITH UZBEKISTAN
Iranians and Soviet Uzbekistan. A. Ustivar, Sh. Shamukhamedov. Zvezda Vost. 24 no. 7:111-116 Jl '56.

IRANIAN LANGUAGES—ETYMOLOGY
Etymological notes. V. I. Abaev. Trudy Inst. iaz. 6:442-458 '56.

IRANIAN LANGUAGES—PHONETICS
New knowledge in the phonetics of the Iranian languages; Gilan and Mazanderan languages. V. I. Zav'ialova. Trudy Inst. iaz. 6:92-112 '56.

IRANIAN LITERATURE—HISTORY AND CRITICISM
The first Russian revolution and democratic Iranian literature. M. Mubariz Ali-Zade. Uch. zap. AGU no. 10:119-171 '55.

IRAQ—BUILDING MATERIALS
Basket houses. Vokrug sveta no. 8:14-15 Ag '56.

IRAQ—HISTORY
The significance of "The great Arabic uprising" for the study of the national liberation movement in Iraq. L. N. Kotlov. Krat. soob. Inst. vost. no. 19:100-104 '56.

IRAQ—STUDENTS
Students are expelled from colleges. Vsem. stud. nov. 10 no. 8:26 Ag '56.

IRIS (EYE)—ABNORMITIES AND DEFORMITIES
Case of malignant melanoma of the vascular membrane combined with heterochromia. IU. Z. Rozenblium, B. V. Vovsi. Trudy AN Tadzh. SSR 40:177-178 '55.

IRKUTSK—REVOLUTION, 1917-1921
Vendrikh, G. A. [The White House; from the history of the struggle for power of the Soviets in Irkutsk] Belyi dom; iz istorii bor'by za vlast' sovetov v Irkutske. [Irkutsk] Irkutskoe kn-vo, 1956. 22 p. (Pamiatniki rasskazyvaiut)

IRKUTSK HYDROELECTRIC POWER STATION
At the first stage of the Angara cascade. M. Buzhkevich. Slaviane no. 10:27-32 O '56.
On the steepness of slopes in foundation pits. S. N. Moiseev. Gidr. stroi. 26 no. 7:24-26 Ag '56.
Where the Irkutsk Hydroelectric Power Station is being built. V. Sazhin. Krest'ianka 35 no. 10:16-18 O '56.

IRON
Coke and its use in blast furnaces for the production of iron. D. S. Kashchenko, S. A. Sazonov. Koks i khim. no. 6:21-26 '56.
Influence of iron on the colorimetric determination of cerium [with English summary in insert]. R. K. Kornelnik. Zhur. anal. khim. 11 no. 4:419-422 Jl-Ag '56.

IRON—ANALYSIS
Iron content in battery acid. A. I. Kuznetsov. Energetik 4 no. 9:39 S '56.

IRON ALLOYS
Exchange of experience in the workshop. M. Ryss. Sots. trud. no. 8:91 Ag '56.
Kuznetsk steel smelters are lowering the consumption of ferroalloys. A. I. Borodulin, N. S. Mikhailets. Metallurg no. 8:20-21 Ag '56.
Some peculiarities of metal alloys having iron group base elements. P. P. Kuz'menko. Nauk. zap. Kiev. un. 14 no. 8:91-104 '55.
Use of electric power in the production of iron alloys with seasonal restrictions on the consumption of electricity. A. M. Osepian. Dokl. AN Arm. SSR 9 no. 2:55-60 '48.

IRON ALLOYS—SPECTRA
X-ray spectrum analysis of binary and ternary alloys having transition iron group base metals. S. M. Karal'nik. Nauk. zap. Kiev. un. 14 no. 8:105-120 '55.

IRON-ALUMINUM-COPPER ALLOYS see Copper-iron-aluminum alloys

IRON AND STEEL BRIDGES see Bridges, Iron and steel

IRON AND STEEL PLATES see Plates, Iron and steel

IRON BACTERIA
Does chemosynthesis take place in iron bacteria and nitrifying bacteria? V. O. Kalinenko. Mikrobiologiia 25 no. 3:342-362 My-Je '56.
Facts and their interpretation; a comment on V. O. Kalinenko's paper: "Does chemosynthesis exist in ferrobacteria and in nitrifying bacteria?" [With English summary in insert.] V. N. Shaposhnikov. Mikrobiologiia 25 no. 4:497-507 Jl-Ag '56.

IRON DICYCLOPENATADIENYL
Alkylation of ferrocene. A. N. Nesmeianov, N. S. Kochetkova. Dokl. AN SSSR 109 no. 3:543-545 Jl '56.

IRON HYDROXIDES
Sorption of radioactive isotopes by iron hydroxide. V. V. Pushkarev. Zhur. neorg. khim. 1 no. 1:170-176 [Jan.] '56.

IRON INDUSTRY see subdivision under Aktyubinsk

IRON MINES AND MINING see subdivision under Abaza (Krasnoyarsk Territory); Dneprodzerzhinsk; Krivoy Rog; Kustanay Province; Musan, Korea; Rhodope Mountains; Yakutia)

IRON-NICKEL-TITANIUM ALLOYS
Effect of the internal structure of austenite grains on the strength of solid solutions at high temperatures. G. V. Kurdiumov, E. Z. Kaminskii, V. M. Rozenberg. Dokl. AN SSSR 109 no. 1:85-87 Jl-Ag '56.

IRON ORES
(see also subdivision under Kerch Peninsula; Saksagan Valley; Siberia)
Comparative evaluation of pre-Cambrian iron ore formations in the U. S. S. R. IA. M. Belovisov. Nauk. zap. Kiev. un. 13 no. 4:89-105 '54.
Effect of iron ore on coking properties of coal ("Brennstoff-chemie" 37 no. 9/10 May 1956.) E. Ch. Koks i khim. no. 6:36 '56.

IRON OXIDES see subdivision under Krivoy Rog

IRON-TITANIUM ALLOYS see Titanium-iron alloys

IRPEN VALLEY—SOIL MICRO-ORGANISMS
Microbiological characteristics of some soils in bottom lands of the Irpen' (Ukrainian Polesye). L. I. Rubenchik, M. N. Chernobyl'skaia, A. A. Kil'chevskaia. Nauk. zap. Kiev. un. 12 no. 7:21-26 '53.

IRRIGATION
(see also subdivision under Asht District; Bot-Pak-Dala; China; Fergana; Kangwon Province; Korea, North; Siberia; Syr Darya Valley; Tajikistan; Ukraine)
Attention to the over-all mechanization of construction in Bot-Pak-Dala. Gidr. i mel. 8 no. 10:3-6 O '56.
Diagrams of sub irrigation. A. A. Bogushevskii. Gidr. i mel. 8 no. 10:27-32 O '56.
Irrigation by underground water. I. G. Glukhov. Gidr. i mel. 8 no. 9:20-30 S '56.
"Irrigation in the world" [in English]. N. D. Gulhati. Reviewed by L. V. Dunin-Barkovskii. Gidr. i mel. 8 no. 10:49 O '56.
Irrigation of vineyards in the southern part of the Dniester Valley. P. I. Kolos. Sad. vin. Mold. 11 no. 4:16-20 Jl-Ag '56.
Methods and periods of initial irrigation of cotton. A. A. Ponomarenko. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:133-142 '55.
Methods for selecting the parameters for irrigating systems. G. G. Svanidze. Soob. AN Gruz. SSR 17 no. 6: 495-502 '56.
Snow-water irrigation is a reliable means of increasing the productivity of agriculture and animal husbandry in steppe regions. E. Petrov. Kolkh. proizv. 16 no. 8: 17-18 Ag '56.

IRRIGATION—BIBLIOGRAPHY see Bibliography—Irrigation

IRRIGATION, OVERHEAD see Sprinkler irrigation

IRRIGATION, SEWAGE see Sewage irrigation

IRRIGATION CANALS AND FLUMES
(see also subdivision under Kherson Province)

Industrialization and over-all mechanization of land improvement work in the White Russian S. S. R. R. F. Takanaev. Gidr. i mel. 8 no. 9:31-37 S '56.

IRRIGATION FARMING
(see also subdivision under Orel Province; Rostov Province)

Irrigation of cotton in the Gissar Valley. A. P. Kochetov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:23-31 '55.

One hundred and twenty eight centners of hay to the hectare. P. Efimov. Kolkh. proizv. 16 no. 9:26-28 S '56.

Utilizing production potentialities in irrigation farming. P. F. Dement'ev. Dokl. Akad. sel'khoz. 21 no. 9:45-48 '56.

IRRITATION

Cellular reaction of skin of animals to irritation. I. P. Mishchenko. Izv. Otd. est. nauk AN Tadzh. SSR no. 9: 101-108 '55.

IRTYSH VALLEY—COPPER—METALLURGY

Examination of slags at the Irtysh copper smelting plant. V. I. Smirnov, IU. A. IAblonskii, A. Kliueva. TSvet. met. 29 no. 9:22-24 S '56.

ISAAKIAN, AVETIK SAAKOVICH, 1875-

Avetik Isaakian. O. T. Ganalanian. Uch. zap. Erlv. gos. russ. ped. inst. 5:17-31 '55.

Greeting to the poet Avetik Isaakian. Stud. nauch. sbor. ERPI no. 4:3 '56.

Social themes in the work of Avetik Isaakian on the eve of and during the Revolution of 1905-1907. L. Mkrtchian. Stud. nauch sbor. ERPI no. 4:5-19 '56.

To Avetik Isaakian, the poet and the man. Aleksandra Goreva. Stud. nauch. sbor. ERPI no. 4:4 '56.

ISAKOVSKII, MIKHAIL VASIL'EVICH, 1900-

Mikhail Isakovskii's "Works in two volumes." Dm. Starikov. Ogonek 34 38:16 S '56.

ISFARA DISTRICT—TOMBS

Archaeological studies in Vakhsh Valley and Isfara District (in Vorukh). B. A. Litvinskii. Krat. soob. IIMK no. 64:68-76 '56.

ISHKASHIM—WASTE LANDS

Sands of Ishkashim, their binding, and use. A. V. Guraki. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:59-72 '55.

ISHKASHMI DIALECT

Ishkashmi conversational texts. T. N. Pakhalina. Trudy Inst. iaz. 6:113-132 '56.

ISOMALTOSE

Hydrolysis of isomaltose by animal tissues. I. S. Lukomskaia. Dokl. AN SSSR 109 no. 2:360-360 Jl '56.

ISOMERISM

Isomerism of platinum acidocomplex compounds. Part 2. Isomeric potassium dichlorotetranitroplatinate. A. V. Babaeva, N. I. Ushakova. Zhur. neorg. khim. 1 no. 2:212-219 F '56.

Tautomerism of $\alpha$-pyridone and carbostyril. M. I. Kabachnik, S. T. Ioffe, IU. N. Sheinker. Zhur. ob. khim. 26 no. 7:2025-2029 Jl '56.

ISOMERS AND ISOMERIZATION

Molecular rearrangements and intramolecular oxidation-reduction. Isomerization of aldehydes and ketones. S. N. Danilov. Reakts. org. soed. 4:159-319 '56.

New methods for the analysis of isomers of diakylbenzenes. I. G. Ismailzade and others. Izv. AN Azerb. SSR no. 4:25-32 Ap '56.

ISONICOTINIC ACID

Mechanism of the action of isonicotinic acid derivatives. L. M. Model'. Klin. med. 34 no. 7:50-55 Jl '56.

Observations on the treatment of tuberculous meningitis with saluzid. A. L. Bernshtein, R. B. Krasil'shchik, A. A. Shelagurova. Klin. med. 34 no. 7:55-60 Jl '56.

ISOPRENE

Catalytic dehydrogenation of isopentenes into isoprene. IU. G. Mamedaliev and others. Dokl. AN Azerb. SSR 12 no. 8:547-552 '56.

ISOPROPYL ALCOHOL

Chain reaction of carbon tetrachloride with isopropyl alcohol, initiated by acetylated and benzoylated hydroperoxides of 1-oxycyclohexanone. G. A. Kolpovskaia, and others. Zhur. ob. khim. 26 no. 7:1961-1966 Jl '56.

Solution-vapor equilibrium in the system: benzene -- cyclohexane -- isopropyl alcohol. A. V. Storonkin, A. G. Morachevskii. Zhur. fiz. khim. 30 no. 6:1207-1307 Je '56.

ISOTOPES

Isotopic analysis of alkali elements with the aid of a synthetic aluminosilicate ion emitter. G. M. Pachenkov and others. Zhur. fiz. khim. 30 no. 6:1380-1386 Je '56.

Isotopic analysis of Ca, Sr, Ba with the aid of a synthetic aluminosilicate ion emitter. P. A. Akishin and others. Zhur. fiz. khim. 30 no. 6:1387 Je '56.

Study of the isotopic exchange in solutions of green modifications of chromium salts. IA. A. Fialkov, IU. P. Nazarenko. Zhur. neorg. khim. 1 no. 3:565-578 Mr '56.

Using radioactive isotopes for water-purifying structures. Arkhit. i bud. 4 no. 2:28 Mr-Ap '56.

ISPOLATOVSKII, IGOR'

Reliable man; letter from Bratsk. I. Shakhmordanov. Mol. komm. 14 no. 9:42-48 S '56.

ISRAEL—MEALY BUGS

Species of mealy bugs (Insecta, Coccoidea) damaging citrus plants in Israel [with English summary in insert]. N. S. Borkhsenius. Zool. zhur. 35 no. 6:863-867 Je '56.

ISRAEL—PIPELINES

Reinforced concrete 109-kilometer-long pipeline in Israel. A. M. Konushkov. Vod. i san. tekh. no. 9:35-37 S '56.

ISSYK KUL, LAKE—CARP

Materials on the biology of the common carp from Lake Issyk Kul. I. A. Pivnev. Trudy Biol. inst. KirFAN SSSR no. 4:189-196 '51.

Morphology and classification of the Issyk Kul carp (Diptychus dybowskii). P. S. Tiurin. Trudy Biol. inst. KirFAN SSSR no. 4:179-187 '51.

ISSYK KUL, LAKE—TROUT

Results of acclimatizing the gegarkun trout (Salmo ischchan infraspecies gegarkuni Kessler) in Lake Issyk Kul. B. P. Luzhin. Trudy Biol. inst. KirFAN SSSR no. 4:197-215 '51.

ISSYK KUL PROVINCE—SUGAR BEETS

Effect of mineral nutrition on the yield and sugar content of sugar beets grown by irrigation and dry farming in Issyk Kul Province. S. G. Enikeev, N. N. Botaleva. Trudy Biol. inst. KirFAN SSSR no. 4:59-65 '51.

ISSYK-KUL' REGION

On the shores on Issyk-Kul'. V. Ratsek. Sots. Uz. 15 no. 8:12-13 Ag '56.

ISTANBUL—DESCRIPTION

Six hours in Istanbul. V. Ponomarev. Ogonek 34 38:14 S '56.

ITALIAN LANGUAGE—HISTORY

"Historical grammar of Italian and its dialects" [in German]. G. Rohlfs. Reviewed by T. B. Alisova. Vop. iaz. 5 no. 4:126-131 Jl-Ag '56.

ITALY—CITRUS FRUITS

Citrus fruit growing in Italy. N. I. Maisuradze. Nauka i pered. op. v sel'khoz. no. 8:87-88 Ag '56.

ITALY—MILITARY BASES, AMERICAN

Atomic proving ground in Italy. Nov. vrem. 14 no. 36: 22 Ag '56.

ITALY—SOCIAL CONDITIONS

Milan - Florence; from a traveler's notebook. I. Petrov. Mezhdunar. zhizn' no. 9:89-90 S '56.

ITALY—SOCIALIST PARTY

Notable event. Nov. vrem. 14 no. 40:17 S '56.

ITALY—SOCIALIST PARTY—HISTORY

The revolutionary movement in Italy from August, 1914 to May, 1915. K. E. Kirova. Uch. zap. po nov. i noveish. ist. no. 2:309-474 '56.

IUDIN, IURII PAVLOVICH, 1907-1952

IU. P. IUdin; obituary. Trudy Komi fil. AN SSSR no. 1:125-126 '53.

IUGOVA, VERA, 1937-

More such masters. L. IAkovlev. Fizk. i sport 26 no. 9:11 '56.

IUKHNOV DISTRICT—SCHOOLHOUSES

Comrades, think about this. Andrei Sal'nikov. Mol. kolkh. 23 no. 8:11 Ag '56.

IUZHNO-SAKHALINSK—THEATER

"Uncle Vanya" Teatr 17 no. 9:157 S '56.

IVANA-FRANKOV DISTRICT—DESCRIPTION AND TRAVEL

People of Ivana-Frankov District. Andrii Ostapenko. Zhovten' 6 no. 8:126-127 Ag '56.

IVANOV, ALEKSANDR ANDREEVICH, 1806-1858

Aleksandr Andreevich Ivanov. Rabotnitsa 34 no. 9: 8b S '56.

Aleksandr Ivanov's biblical sketches; on the artist's 150th birthday. N. Dmitrieva. Iskusstvo 19 no. 5:50-60 '56.

IVANOV, GEORGII FEDOROVICH, 1893-1955

Georgii Fedorovich Ivanov; obituary. Arkh. anat., gist. i embr. 33 no. 2:95-96 Ap-Je '56.

IVANOV, MIKHAIL FEDOROVICH, 1871-1936

Academician M. F. Ivanov. E. K. Merkur'eva. Est. v shkole no. 5:16-24 S-O '56.

Academician Mikhail Fedorovich Ivanov; 85th anniversary of his birth. A. I. Nikolaev. Agrobiologiia no. 4: 108-110 Jl-Ag '56.

An example worth following; recollections about Academician M. F. Ivanov. IUn. nat. no. 6:8-9 S '56.

On the 85th anniversary of the birth of Academician M. F. Ivanov. Pitsevodstvo 6 no. 9:43 S '56.

IVANOVA, MARIIA IVANOVNA

A friend of Magnitogorsk children. M. Gorel'ko. Klub 6 no. 9:9 S '56.

IVANOVO—TECHNICAL EDUCATION

In the Ivanovo Automobile and Road Technical School. Avt. transp. 34 no. 8:32 Ag '56.

IZBERBASH—PETROLEUM—ANALYSIS

Dispersion of nitrogen content in heavy fractions of Izberbash petroleum. V. V. Gaisau. Azerb. neft. khoz. 35 no. 8:32-33 Ag '56.

IZHAKEVICH, IVAN SIDOROVICH, 1804-

Ivan Sidorovich Izhakevich. V. I. Kasitan. Vop. izobr. isk. no. 2:177-186 '55.

JACKS see Lifting jacks

JACKS, HYDRAULIC see Hydraulic jacks

JAKOBI, MORITZ HERMANN VON, 1801-1874

A letter of B. S. Jakobi to M. Faraday. M. I. Radovskii. Vop. ist. est. i tekh. no. 1:253-259 '56.

JAPAN—CITIES AND TOWNS

"Feudal cities of Japan" [in Japanese]. Toyoda Takeshi [with English summary in insert]. Reviewed by P. A. Iskenderov. Sov. vostokoved. no. 4:105-109 '56.

JAPAN—CULTURE

The democratic movement in the realm of Japanese literature and art after the Second World War. L. D. Grisheleva. Uch. zap. Inst. vost. no. 15:305-324 '56.

JAPAN—ETHNOLOGY

"Japanese ethnography" [in Japanese]. Taro Wakamori. Reviewed by S. Arutiunov. Sov. etn. no. 2:168-170 '56.

JAPAN—FOREIGN RELATIONS

Colonial policy of the Japanese imperialists in Korea (1910-1919). V. I. Shipaev. Uch. zap. Inst. vost. no. 15: 179-222 '56.

JAPAN—FOREIGN RELATIONS—RUSSIA

The present status of Soviet-Japanese negotiations. Nov. vrem. 14 no. 36:1-2 Ag '56.

JAPAN—HISTORY

Historical survey of Japan from 1640 to 1700. A. L. Gal'perin. Uch. zap. Inst. vost. no. 15:3-47 '56.

JAPAN—INVESTMENTS, AMERICAN

Forms and channels of the penetration of American capital into Japan's industry. M. I. Luk'ianova. Uch. zap. Inst. vost. no. 15:223-272 '56.

JAPAN—LABOR AND LABORING CLASSES

The labor and socialist movement in Japan from 1896 to 1905. I. IA. Bednisk. Uch. zap. Inst. vost. no. 15:157-178 '56.

JAPAN—MANUFACTURES

Manufactures in Japan. L. V. Petrov. Uch. zap. Inst. vost. no. 15:48-70 '56.

JAPAN—MOTION PICTURES

Japanese motion pictures and neorealism. V. K. Mol. mira no. 7:10 '56.

JAPAN—PEASANTRY

The peasant movement after the revolution of 1868. N. A. Iofan. Uch. zap. Inst. vost. no. 15:115-156 '56.

Rise of the peasant movement after the Second World War, 1945-1946. V. A. Popov. Uch. zap. Inst. vost. no. 15:273-304 '56.

Two petitions of the peasants in feudal Japan; from the history of the peasant movement in Japan in the second half of the 17th and the beginning of the 18th century. G. I. Podpalova. Uch. zap. Inst. vost. no. 15:71-114 '56.

JAPAN—RELATIONS (GENERAL) WITH KOREA, NORTH

Japanese visitors in Korea. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 29:4-5 Jl '56.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA

Joint communiqué issued by representatives of the Presidium of the All-Union Central Council of Soviet Trade Unions and the General Council of Japanese Trade Unions. Vsem. prof. dvizh. no. 7:16 Jl '56.

JAPAN—SPORTS

Kar-ate. Ilza Onishi. Vsem. stud. nov. 10 no. 8:19 Ag '56.

JAPANESE LANGUAGE
"Dictionary of linguistic studies devoted to Japanese" [in Japanese]. Reviewed by N. I. Fel'dman. Vop. iaz. 5 no. 4:122-126 Jl-Ag '56.

JAVA—DESCRIPTION AND TRAVEL
Java. Ol'ha Chechotkina. Ukraina no. 17:25-26 S '56.

JAWS—DISEASES
Uvarov, V.M. [Clinical aspects and treatment of odontogenic osteomyelitis of the jaws] Klinika i lechenie odontogennykh osteomielitov cheliustei. Leningrad, Medgiz, 1956. 137 p. illus. (Biblioteka prakticheskogo vracha) (DAFM)

JAWS—FRACTURE
First aid in wounds and fractures of the lower jaw. V. Z. Skorobogat'ko. Fel'd. i akush. 21 no. 8:20-24 Ag '56.

JAWS—TUMORS
Diagnosis of tumors of the jaw and face. V. K. Patrikeev. Fel'd. i akush. 21 no. 7:20-26 Jl '56.

JAZZ MUSIC
New form of a racial barrier? Bruce Turner. Mol. mira no. 7:16 '56.

JEJUNUM
Motor function of the jejunum. M. I. Neporent. Khirurgiia 32 no. 6:34-37 Je '56.

JEJUNUM—SURGERY
Jejunecoloplasty in extensive resections of the transverse colon. K. IA. Chuprakova. Khirurgiia 32 no. 6:58-62 Je '56.

JERSEY CATTLE
Jersey cattle to improve butterfat production. Z. I. Pakhtusov. Zhivotnovodstvo no. 8:43-53 Ag '56.

JESUITS—CONTROVERSIAL LITERATURE
A nests of hornets ("Jesuits," A. Tondi. Reviewed by Mykhailo Parniuk). Vitchyzna 24 no. 10:187-188 O '56.

JET PLANES
Tu-104 flies to the East. A. Vasilenko. Grazhd. av. 13 no. 8:7-8 Ag '56.
Vasil'ev, G. S., N. M. Lysenko, and E. B. Mikirtumov. [Aerodynamic characteristics of jet fighter planes] Aerodinamicheskie osobennosti reaktivnykh samoletov-istrebitelei. Pod red. V. E. Bolotnikova. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 264 p. [MICROFILM]

JEWS—HISTORY
Excerpt from the book "Josippon" in "The tale of bygone years." N. A. Meshcherskii. Palest. sbor. no. 2:58-68 '56.

JOINTS—DISEASES
Ionogalvanization with sodium bromide, combined with radon and hydrogen sulfide baths in the treatment of infectious polyarthritis. P. F. Liudvinskaia. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:60-64 Jl-S '56.
Role of irradiating the tonsils with ultraviolet rays in the compound treatment of acute rheumatic polyarthritis. N. N. Plemiannikova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:54-59 Jl-S '56.

JOINTS—RADIOGRAPHY
"Bones and joints in X-ray pictures." V. S. Maikova-Stroganova, D. G. Rokhlin. Reviewed by V. A. D'iachenko. Vest. rent. i rad. 31 no. 4:87-88 Jl-Ag '56.

JOLIOT-CURIE, IRENE, 1897-1956
Irène Joliot-Curie (1897-1956). Vop. ist. est. i tekh. no. 1: 9-10 '56

division under Kuybyshev Province)
int," P. Karpenko. Sov. pech. no. 9:27-

f materials on the history of Russian
ibornik materialov k izucheniiu istorii
ialistiki. Pod red. B. P. Kozmina i dr.
shaia partiinaia shkola pri TsK KPSS]
0-e gg. -seredina 90-kh gg. XIX v.
)56. 287 p.
rists. P. Buturlakin. Sov. pech. no. 8:

a. P. Gerasimenko. Sov. pech. no. 9:

n establish norms. V. Mikhailov.
v. pech. no. 9:51-52 S '56.
alent. Z. Bliskovskii. Sov. pech. no. 8:

COAL MINES AND MINING see subdivision Basin

TEACHING
year. N. Parfenova. Sov. pech. no. 9:

GRICULTURAL
livision under Estonia)
the bin. K. Nazarenko. Sov. pech.

Without waiting to appear in print. B. Galich. Sov. pech. no. 9:9-11 S '56.

JOURNALISM, TECHNICAL
More actively influence scientific work. F. Mikhailov. Kommunist 33 no. 13:94-102 S '56.

JOURNALISTS
(see also subdivision under Alma-Ata; United States)
Seminar of journalists in Geneva. B. Shtal'. Sov. pech. no. 9:44-45 S '56.

JOURNALISTS, ALBANIAN
"We were among brothers." IU. Polikov. Sov. pech. no. 9:49-50 S '56.

JOURNALISTS, RUMANIAN
Guests of "Ogonek." Ogonek 34 38:26 S '56.

JOURNALS (MACHINERY) see Bearings (Machinery)

JUDICIAL STATISTICS
"Soviet judicial statistics." S. S. Ostroumov. Reviewed by A. A. Gertsenzon. Sov. gos. i pravo no. 6:135-137 '56.

JUGLANDACEAE see subdivision under Kiev

JUMPING
The limit is reached. B. Kosvintsev. Smena 33 no. 15: 9 Ag '56.
The mechanism of the push-off. V. N. Tutevich. Teor. i prak. fiz. -kul't. 19 no. 8:620-622 '56.

JUPITER (PLANET)
Phenomena observable on Jupiter; origin of the dark belts. V. G. Fesenkov. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:239-251 '55.

JUSTICE, ADMINISTRATION OF
(see also subdivision under Germany, East; Kazakhstan)
A book about the visit of Chinese lawyers to the U. S. S. R. ("A collection of notes of Chinese lawyers on their visit to the U. S. S. R. and on the work practice of Soviet legal organs," vol. 1. Reviewed by A. E. Lunev). Sov. gos. i pravo no. 4:153-154 '56.
Socialist legality and protection of rights of citizens discussed at sessions of Moscow precinct soviets. M. A. Postnikov, V. S. Shapovalov. Sov. gos. i pravo no. 4:73-79 '56.
Soviet socialist legality, its basic principles and tasks. P. E. Nedbailo. Nauk. zap. L'viv. un. 27:5-22 '54.
Theoretical problems in Soviet legality. M. S. Strogovich. Sov. gos. i pravo no. 4:15-25 '56.

JUTE see subdivision under Uzbekistan

JUVENILE DELINQUENCY
In the Law Department of Leningrad University. N. L., P. E. Sov. gos. i pravo no. 6:124 '56.

JUVENILE LITERATURE see Children's literature

KABARDIA—MOTION-PICTURE PROJECTION
To Alpine pastures. N. Briantsev. Kinomekhanik no. 8:8 Ag '56.

KABARDIAN LITERATURE—HISTORY AND CRITICISM
Kabardian literary prose. V. Goffenshefer. Druzh. nar. no. 9:158-167 S '56.

KABUL—EXHIBITIONS
International industrial exhibition in Kabul. Sov. Soiuz no. 10:40 O '56.

KAGANOVICH (AZERBAIJAN)—PETROLEUM GEOLOGY
Consolidation of objectives in the Kirmaki series in the Kara-Chukhur oil fields. M. M. Agabekov. Azerb. neft. khoz. 35 no. 5:3-5 My '56.

KAKHOVKA HYDROELECTRIC POWER STATION
Concrete placing methods in the construction of the Kakhovka Hydroelectric Power Station. A. B. Gadzhiev. Gidr. stroi. 25 no. 7:4-9 Ag '56.
The Institute of Building Mechanics of the Academy of Sciences of the Ukrainian S. S. R. gives assistance to the Kakhovka Hydroelectric Power Station. P. M. Varvak. Prykl. mekh. 2 no. 3:352-354 '56.
Possibilities of electric prospecting for the solution of some hydrogeological problems in Karst regions of the Kakhovka Hydraulic Construction. V. N. Golovlyn. Nauk. zap. Kiev. un. 12 no. 4:83-85 '53.

KAKHOVKA RESERVOIR—COAST CHANGES
Coastal changes on Lenin Lake and prospects for coastal changes on Kakhovka Reservoir. A. M. Bezuglyi. Nauk. zap. Kiev. un. 12 no. 4:49-57 '53.

KALA-AZAR
Method for the microdetermination of antimony in the urine and blood of patients with kala-azar treated by solusurmine. L. N. Lapin. Vop. med. khim. 2 no. 4: 309-316 Jl-Ag '56.

KALACH DISTRICT—COLLECTIVE FARMS
In the hamlet of Zaleavyy. D. Chudnovskii. Sov. shen. 12 no. 9:11-13 S '56.

KALIKOVA, DOMNA, c. 1897-1919
In the homeland of Domna Kalikova. N. Belinovich. Krest'ianka 35 no. 9:9 S '56.

KALIMULLIN, IL'GIZ
"On duty"; verse. I. Kalimullin. Reviewed by G. Khait. Ogonek 34 38:16 S '56.

KALININ, MIKHAIL IVANOVICH, 1875-1946
Mikhail Ivanovich Kalinin and some problems in literature. M. P. Komyshanchenko. Nauk. zap. Kiev. un. 14 no. 1:23-35 '55.

KALININ—COMMUNITY CENTERS
Saturday, July 14th. M. L'vov, V. Mikhailov. Klub 6 no. 9:16-17 S '56.

KALININ—MARKETS
Central market in Kalinin. I. Kuluzov. Sov. torg. no. 8:25-27 Ag '56.

KALININ—TEXTILE INDUSTRY
Workers' achievements at the Vagzhanov factory. P. D. Shcherbakov. Tekst. prom. 16 no. 8:47-48 Ag '56.

KALININ—THEATER
I. A. Krylov, the author of "The coffee grinder" and theatrical life in Tver' in the 1770's and 1780's. A. V. Desnitskii. Uch. zap. Ped. inst. Gerts. 120:135-150 '56.
"Years gone by." Teatr 17 no. 8:127-128 Ag '56.

KALININ PROVINCE—FLAX
Contrasts and indifference. G. S. Naumova. Nauka i pered. op. v sel'khoz. no. 7:85-86 Jl '56.

KALININ PROVINCE—FORESTS AND FORESTRY
Grigor'ev, I.A., and N.A.IUrre. [Forestry practice of the Seliger working circle] Opyt raboty Seligerskogo leskhoza. Moskva, Goslesbumizdat, 1956. 21 p. (Obman peredovym opytom)

KALININ PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC.
On Golubyye lakes. Mikh. IArovoi. Ogonek 34 no. 30: 24 S '56.

KALININ PROVINCE—LABOR AND LABORING CLASSES—MEDICAL EXAMINATIONS
What the experience of a provincial commission on work fitness teaches. V. Volchek. Sots. obesp. 17 no. 5/6: 42-43 My-Je '56.

KALININGRAD PROVINCE—PAPER INDUSTRY
Paper can't stand everything. Ivan Gorelov. Ogonek 34 no. 30:14-15 S '56.

KALININSKOYE DISTRICT—COMMUNITY CENTERS
Winter won't wait. M. Bryl'. Sots. kul't. 10 no. 9:26-27 S '56.

KALININSKOYE DISTRICT—LIBRARIES, RURAL
Winter won't wait. M. Bryl'. Sots. kul't. 10 no. 9:26-27 S '56.

KALUGA—BOARDING SCHOOLS
"Our new home." Ir. Il'icheva. Ogonek 34 38:28-29 S '56.

KALUGA—COOPERATIVE SOCIETIES
Raise the level of industrial management. P. IArunin. Prom. koop. no. 8:9 Ag '56.

KALUGA—STEAM TURBINES
Hydrodynamic control system for steam turbines in the Kaluga turbine construction plant. N. M. Taranenko. Energomashinostroenie no. 7:12-16 Jl '56.

KALYNOVYCH, MYKHAILO IAKOVLEVYCH, 1880-1949
Mikhailo IAkovlevych Kalynovych, 1880-1949; obituary. I. P. Suntsova. Nauk. zap. Kiev. un. 14 no. 2:163-176 '55.

KAMA VALLEY—PALEOBOTANY
Middle Pliocene flora and vegetation of the lower Kama Valley; according to data from palynological analysis. E. N. Ananova. Bot. zhur. 41 no. 7:976-991 Jl '56.

KAMCHATKA—VOLCANOES
State of active volcanoes of northern Kamchatka in 1954 (from Jan. 1 to Sept. 1). B. I. Piip. Biul. Vulk. sta. no. 24:14-20 '56.

KAMENKA-DNEPROVSKAYA—TOMBS
Kamenka tomb burials in the 10th-12th centuries. E. A. Symonovich. Krat. soob. IIMK no. 66:99-106 '56.

KAMENNAYA STEPPE—ECLIPSES, SOLAR
Action of meteorological elements during the solar eclipse, June 30, 1954, in the Kamennaya Steppe. V. I. Duginov. Meteor. i gidrol. no. 7:24-27 Jl '56.

KAMENSK PROVINCE—POULTRY
New achievements in poultry husbandry on the collective farms of Kamensk Province. G. V. Korzhikov. Pitsevodstvo 6 no. 9:22-23 S '56.

KAMENSKOYE DISTRICT—CORN (MAIZE)
Special problems in growing corn on the "Vpered k Kommunizmu" Collective Farm in Ramenskoye District, Moscow Province. A. A. Dugin, N. F. IAkushev. Kukuruza 1 no. 2:41-44 My '56.

KAMYSHIN DISTRICT—OAK
Introgression of oak roots in plantations of the Kamyshin Forest Conservation Branch Station. M. M. Beskaravainyi. Agrobiologiia no. 4:119-122 Jl-Ag '56.

KANAKER—SCARABEIDAE
Tanyproctus (Tetraproctus) antennatus sp. nov., a new representative of the family of leaf-horned beetles (Coleoptera, Scarabaeidae) from the Armenian S. S. R. S. M. Khnzorian. Dokl. AN Arm. SSR 16 no. 5:149-150 '53.

KANEV DISTRICT—FUNGI
Studying the mycoflora in the Kanev Biogeographical Preserve. I. O. Raievs'ka, K. M. Komarets'ka. Nauk. zap. Kiev. un. 8 no. 6:51-62 '49.

KANEV DISTRICT—FUNGI, PATHOGENIC
The more important parasitic fungi in the region of the Kanev Biogeographical Preserve. Z. H. Lavits'ka. Nauk. zap. Kiev. un. 8 no. 6:27-45 '49.

KANEV DISTRICT—LIZARDS
Ecology of the green lizard (Lacerta viridis Laur.) in the Kanev Biogeographical Preserve. V. I. Tarashchuk. Nauk. zap. Kiev. un. 9 no. 6:109-131 '50.

KANEV DISTRICT—MOSSES
Studying the bryoflora in the Kanev Preserve. S. V. Mel'nyk. Nauk. zap. Kiev. un. 8 no. 6:63-72 '49.

KANEV DISTRICT—MYRIAPODA
Myriapoda in the Kanev Biogeographical Preserve. O. P. Kryshtal'. Nauk. zap. Kiev. un. 8 no. 6:13-26 '49.

KANEV DISTRICT—PLANT LICE
Plant lice (Aphididae) in the Kanev Biogeographical Preserve. V. O. Mamontova. Nauk. zap. Kiev. un. 8 no. 6:87-116 '49.

KANEV DISTRICT—SERPENTS
The adder (Vipera berus Lin.) in the Kanev Biogeographical Preserve. V. I. Tarashchuk. Nauk. zap. Kiev. un. 9 no. 6:104-165 '50.

KANEV HILLS—PEARS
Wild pear trees in broad-leaved forests on the Kanev Hills. P. M. Beregovoi. Nauk. zap. Kiev. un. 12 no. 7: 93-96 '53.

KANGWON PROVINCE—IRRIGATION
Completion of twenty irrigation structures in Kangwon Province. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 29:7 Jl '56.

KANIBADAM—CONJUNCTIVITIS
Dynamics of the incidence of acute contagious conjunctivitis in the city of Kanibadam. P. V. Zadvorniak. Trudy AN Tadzh. SSR 40:137-139 '55.

KANIOVSKII, PETR VALERIANOVICH, 1881-
Birthday of P. V. Kaniovskii noted. Avt. transp. 34 no. 7:37 Jl '56.

KANSAS UNIVERSITY—STUDENTS
A French girl at Kansas University. Claude-Catherine Shvabe. V zashch. mira no. 64:65-71 S '56.

KANT, IMMANUEL, 1724-1804
Kant's cosmogonical hypothesis and its place in the history of the natural sciences. V. F. Asmus. Vop. ist. est. i tekh. no. 1:34-43 '56.

KAOLINITE see subdivision under Great Britain

KARA-BOGAZ-GOL (GULF)—BRINES
Exploration of Kara-Bogaz-Gol; from the works of the Institute of General and Inorganic Chemistry of the Academy of Sciences of the U. S. S. R. G. G. Urazov, V. D. Poliakov. Priroda 45 no. 9:61-67 S '56.

KARA-CHATYR MOUNTAINS—PALEONTOLOGY, STRATIGRAPHIC
Biostratigraphic subdivision of the upper paleozoic in the Kara-Chatyr Mountain Ridge (South Fergana). A. D. Miklukho-Maklai. Dokl. AN SSSR 108 no. 6: 1152-1155 Je '56.

KARA-KALPAK—COTTON GROWING
How we struggle for early fulfillment of tasks of the sixth five-year plan in agriculture. Z. Menlakhmetov. Khlopkovodstvo 6 no. 6:12-16 Je '56.

KARA-KALPAK—CULTURE
Nukus prepares for the ten-day festival. A. Strel'tsova. Sots. Uz. 15 no. 8:7 Ag '56.

KARA-KALPAK—EXCAVATIONS (ARCHAEOLOGY)
From ancient times. S. Shchekin. Ukraina no. 16:24 Ag '56.

KARA-KALPAK—FLIES AS CARRIERS OF DISEASE
Synanthropic flies of Kara-Kalpak. V. I. Sychevskaia. Ent. obozr. 35 no. 2:347-356 '56.

KARA KUM—PARASITES—REPTILES
Blood parasites of reptiles in the Kara Kum Desert. A. M. Andrushko, G. S. Markov. Vest. Len. un. 11 no. 15:57-65 '56.

KARA KUM—PHYTOGEOGRAPHY
Vegetation in the natural oases of western Kara Kum and its importance in planning the transformation of the desert. A. A. Nitsenko. Vest. Len. un. 11 no. 15:28-37 '56.

KARA KUM—SAND
Factors determining the water-permeability of Kara Kum sands in conditions of their natural occurrence. E. M. Sergeev, S. S. Polikov, G. M. Berezkina. Vest. Mosk. un. 11 no. 5:97-102 My '56.

KARA KUM—THRIPS
Two new species and one new variety of thrips (Thysanoptera) from northern Kara Kum and the middle course of the Ili River. V. V. IAkhontov. Ent. oboz. 35 no. 1: 144-147 '56.

KARA-SU VALLEY—REPTILES
Changes in herpetofauna occurring under the influence of irrigation. O. P. Bogdanov. Dokl. AN SSSR 108 no. 6:1177-1178 Je '56.

KARABASH—ORE DRESSING
Getting familiarized with the diagram of selective copper-zinc flotation at the Karabash Ore Dressing Plant. G. V. Kozlov. TSvet. met. 29 no. 9:1-4 Ag '56.

KARADAG—OIL WELL DRILLING
In the Karadag oil field. Azerb. neft. khoz. 35 no. 2:7 F '56.

KARADAG—TURBODRILLS
In the Karadag oil field. Azerb. neft. khoz. 35 no. 2:7 F '56.

KARAGANDA—MOSQUITOES
Spring phenology of the malaria mosquito Anopheles maculipennis messeae in the vicinity of Karaganda. B. N. Mukhachev. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:126-133 '56.

KARAGANDA BASIN—COAL GEOLOGY
Composition and formation of the supra-Karaganda, Dolinskiy, supra-Dolinskiy, and Shakhanskiy series of the Karaganda Basin. V. V. Koperina. Trudy Lab. geol. ugl. no. 4:5-102 '56.

KARAGANDA BASIN—COAL MINES AND MINING
[Karaganda's coal is for the motherland; a collection of articles by coal miners of the Karaganda Basin] Ugol' Karagandy - Rodine; sbornik statei ugol'shchikov i shakhtostroitelei Karagandinskogo ugol'nogo basseina. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 60 p.

Khokhlov, V. A. [Mass Party work at the Karaganda coal-grading station] Massovo-politicheskaia rabota na stantsii Karaganda-Sortirovochnaia. Alma-Ata, Kazakhskoe Gos. Izd-vo, 1954. 60 p.

KARAGANDA BASIN—COAL MINING MACHINERY
PKG-2 cutter-loader in the Karaganda Basin. V. A. Brenner, A. M. Ivanchinov. Mekh. trud. rab. 10 no. 9: 12-14 S '56.

KARAGANDA BASIN—GEOLOGY, STRATIGRAPHIC
Composition and formation of the supra-Karaganda, Dolinskiy, supra-Dolinskiy, and Shakhanskiy series of the Karaganda Basin. V. V. Koperina. Trudy Lab. geol. ugl. no. 4:5-102 '56.

KARAGANDA PROVINCE—BOOKSELLERS AND BOOKSELLING
Is this the way to promote books in rural areas? K. Parfenov. Sov. knizh. torg. no. 9:5-6 S '56.

KARAKUL SHEEP
Kuanyshbaev, Zhazylbek. [My experience in breeding Karakul sheep] Moi opyt vyrashchivaniia karakul'skikh ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 21 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

Oxygen-binding function of the blood in Karakul sheep at the different altitudes. I. M. Arav, V. N. Martynova. Dokl. AN Tadzh. SSR no. 5:35-40 '52.

KARAVAEV, VLADIMIR AFANAS'EVICH, 1811-
On the history of Russian surgery ("V. A. Karavaev." S. S. Mikhailov. Reviewed by S. M. Bagdasar'ian). Voen.-med. zhur. no. 10:95-96 O '55.

KARDOVSKII, DMITRII NIKOLAEVICH, 1866
Methodological principles in D. N. Kardovskii's pedagogical work (recollections). A. A. Troshichev. Vop. izobr. isk. no. 2:104-113 '55.

KARELIA—AGRICULTURAL RESEARCH
Reports on botany at the scientific session of the Karelo-Finnish Branch of the Academy of Sciences of the U. S. S. R. E. P. Matveeva. Bot. zhur. 41 no. 6:936-937 Je '56.

KARELIA—DESCRIPTION AND TRAVEL
Books about our native region. E. Rybak. Na rub. 17 no. 4:178-179 Jl-Ag '56.

KARELIA—RAILROADS—CONSTRUCTION
Western Karelian... I. Bellaev. Na rub. 17 no. 4: 127-131 Jl-Ag '56.

KARELIA—THEATER
Baltic theatricals spring; encounters and impressions. P. Nikitin. Na rub. 17 no. 4:180-184 Jl-Ag '56.

KARPINSKII, ALEKSANDR PETROVICH, 1846-1936
"Father of Russian geology." Ol'ga Balan. Reviewed by V. A. Obruchev. Znan. sila 31 no. 8:13 Ag '56.
"The father of Russian geology; stories about the life and works of Academician A. P. Karpinskii." Ol'ga Balan. Reviewed by I. Batiushkova. Novyi mir 32 no. 8:267-269 Ag '56.

KARPOGORY DISTRICT—LUMBERING
On forest divisions. M. Cheremnyi. Mol. kommu. 14 no. 8:75-76 Ag '56.

KARST
Conference on karst. A. M. Gavrilov. Meteor. i gidrol. no. 7:61 Jl '56.
Conference on the study of karst, January 30 to February 3, 1956. N. I. Sokolov. Izv. AN SSSR. Ser. geol. 21 no. 7:126-128 Jl '56.
The first description of buried karst. A. V. Stupishin. Izv. Vses. geog. ob-va 88 no. 4:396-397 Jl-Ag '56.

KARTVELIANS
Settlements of the Khaliba. L. D. Santkidze. Soob. AN Gruz. SSR 17 no. 6:573-575 '56.

KARYMSHCHINA VALLEY—SPRINGS
Hot springs of the Karymshchina Valley. A. N. Sirin, K. M. Timerbaeva. Biul. Vulk. sta. no. 24:47-51 '56.

KASHIN—NUMISMATICS
Coins of the independent princedom of Kashin. N. D. Mets. Krat. soob. IIMK no. 65:65-67 '56.

KASHKA-DARYA VALLEY—ANTIQUITIES
Archaeological data on the history of Nashkheb in the third-fifth centuries. S. K. Kabanov. Vest. drev. ist. no. 2:163-174 '56.

KATAEV, VALENTIN PETROVICH, 1897-
"A small farm in the steppe." Valentin Kataev. Reviewed by L. Skorino. Znamia 26 no. 9:175-181 S '56.

KAYRAK-KUM HYDROELECTRIC POWER STATION
Damming the Syr Darya at the Kairak-kum hydroelectric power project. A. A. Zhdmakh. Gidr. strot. 25 no. 7:1-3 Ag '56.
Taming of the Syr Darya. V. Vanlushin. Sov. Kazakh. 22 no. 7:13-23 Jl '56.

KAZAKH ART INDUSTRIES see Art industries, Kazakh

KAZAKH DRAMA—HISTORY AND CRITICISM
Remarks on the development of Kazakh dramaturgy in the postwar years. A. L. Malovichko. Izv. AN Kazakh. SSR. Ser. filol. i iskusstvov. no. 5:103-115 '55.

KAZAKH LANGUAGE—BIBLIOGRAPHY see Bibliography—Kazakh language

KAZAKH LITERATURE—HISTORY AND CRITICISM
Kazakh literature during the Great Patriotic War. M. T. Duisenov and others. Izv. AN Kazakh. SSR. Ser. filol. i iskusstvov. no. 5:35-55 '55.
Kazakh Soviet literature in the 1920's [in Kazakh with summary in Russian]. M. T. Duisenov. Izv. AN Kazakh. SSR. Ser. filol. i iskusstvov. no. 5:3-20 '56.
Kazakh Soviet literature in the period of the prewar five-year plans. S. S. Seitov. Izv. AN Kazakh. SSR. Ser. filol. i iskusstvov. no. 5:21-34 '56.
Postwar Kazakh prose. E. V. Lizunova. Izv. AN Kazakh. SSR. Ser. filol. i iskusstvov. no. 5:56-83 '55.

KAZAKH POETRY—HISTORY AND CRITICISM
Kazakh Soviet poetry in the postwar years. S. S. Seitov. Izv. AN Kazakh. SSR. Ser. filol. i iskusstvov. no. 5:84-92 '55.

KAZAKHMAMEDTEPE REGION—CLAY
Mineralogy of clays of the Maikop series in the Kazakhmamedtepe region [in Azerbaijani with summary in Russian]. A. G. Seidov. Dokl. AN Azerb. SSR 12 no. 7: 485-489 '56.

KAZAKHSTAN—AGRICULTURE
Kazakov, V. E. [Working virgin and idle lands in Kazakhstan] Obrabotka tselinnykh i zalezhnykh zemel' v raionakh Kazakhstana. Moskva, Gos. izd-vo selkhoz lit-ry, 1956. 47 p.
(DA)

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Kazakhstan" pavilion; a guidebook] Pavil'on "Kazakhskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

KAZAKHSTAN—AGRICULTURE (Continued)

Publicize the experience of innovators more clearly. I. Volkov, M. Saliev. Komm. Kazakh. 26 no. 10:56-59 O '56.

Without knowledge of the matter ("The force of example, Il. Koretskii. Reviewed by IU. Il'iashenko). Komm. Kazakh. 26 no. 10:59-61 O '56.

KAZAKHSTAN—AGRICULTURE—ECONOMIC ASPECTS

Monthly advances to collective farm members. R. Kuvatov. Komm. Kazakh. 26 no. 9:50-56 S '56.

KAZAKHSTAN—ANTELOPES

Protecting saigas. F. Tikhonov. Okh. i okh. khoz. no. 8: 15 Ag '56.

KAZAKHSTAN—ANTIQUITIES

Projects of the Eastern Kazakhstan Expedition. S. S. Chernikov. Krat. soob. IIMK no. 64:43-60 '56.

KAZAKHSTAN—ASTRONOMY

Introduction. V. G. Fesenkov. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:4-6 '56.

KAZAKHSTAN—ASTROPHYSICS

Principal scientific achievements of the Institute of Astrophysics of the Academy of Sciences of the Kazakh S. S. R. V. G. Fesenkov. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:3-24 '55.

KAZAKHSTAN—BASKETBALL

From the banks of the Irtysh. G. Khait. Fizk. i sport 26 no. 9:14-15 '56.

KAZAKHSTAN—BRUCELLOSIS IN SHEEP—PREVENTIVE INOCULATION

Dry brucellosis vaccine from strain no. 19. B. I. Sofiev and others. Veterinariia 33 no. 10:40-44 O '56.

KAZAKHSTAN—CATTLE BREEDING

Breeding Ala-Tau cattle. P. Nikiforov. Moloch. i mias. zhiv. no. 3:46-49 My '56.

KAZAKHSTAN—CLIMATE

Climatic characteristics of cold waves during wintertime in Kazakhstan. M. Kh. Baidal, A. A. Serebriakova. Trudy KazNIGMI no. 5:37-43 '55.

KAZAKHSTAN—COLLECTIVE FARMS

Let's make use of production potentialities of the collective farm. A. Lin'kov. Sel'khoz. Kazakh. no. 4:6-11 Ap '56.

Monthly advances to collective farm members. R. Kuvatov. Komm. Kazakh. 26 no. 9:50-56 S '56.

Utilize potentialities for the increase of labor productivity on collective farms. Sel'khoz. Kazakh. no. 4:1-5 Ap '56.

KAZAKHSTAN—COMMERCE

Rozmanov, M. [Soviet commerce in Kazakhstan] Sovetskaia torgovlia v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 121 p.

KAZAKHSTAN—COMMUNIST EDUCATION

The forthcoming school year in the party educational system. Komm. Kazakh. 26 no. 9:2-7 S '56.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION

Local initiative and party leadership. I. Tazhiev. Part. zhizn' no. 15:10-17 Ag '56.

KAZAKHSTAN—CORN (MAIZE)

Corn cultivation practices in Eastern Kazakhstan. A. Gaintsev. Sel'khoz. Kazakh. no. 4:31-34 Ap '56.

Growing corn on collective and state farms in the northern provinces of Kazakhstan. N. Rabinovich. Sel'khoz. Kazakh. no. 4:19-24 Ap '56.

KAZAKHSTAN—COTTON GROWING

Prospects for developing cotton growing in Kazakhstan in the sixth five-year plan and tasks of cotton growers of the republic in the current year. I. IUsupov. Khlopkovodstvo 6 no. 8:9-11 Ag '56.

KAZAKHSTAN—CRIMINAL LAW

"Customary criminal law of the Kazakhs." T. M. Kul'teleev. Reviewed by S. R. Bulatov, L. V. Diukov, M. G. Masevich. Sov. gos. i pravo no. 4:151-153 '56.

KAZAKHSTAN—CULTURE

Brief news of literature and art. Sov. Kazakh. 22 no. 7: 124-127 Jl '56.

KAZAKHSTAN—CUSTOMARY LAW

"Customary criminal law of the Kazakhs." T. M. Kul'teleev. Reviewed by S. R. Bulatov, L. V. Diukov, M. G. Masevich. Sov. gos. i pravo no. 4:151-153 '56.

KAZAKHSTAN—DAIRYING

Lower the cost of milk production. A. Rosliakov, A. Umirzakov. Sel'khoz. Kazakh. no. 4:16-18 Ap '56.

The milk yield has been increased four times. A. Kritskaia. Sel'khoz. Kazakh. no. 4:41-43 Ap '56.

KAZAKHSTAN—DESCRIPTION AND TRAVEL

Grudzinskii, M. E. [Through the valley of the Malaya Almatinka; a guidebook] Po doline Maloi Almatinki; putevoditel'. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 110 p.

KAZAKHSTAN—DISCOVERY AND EXPLORATION

A book about an explorer of Kazakh deserts ("The end of uncharted areas," Maksim Dmitrievich Zverev. Reviewed by E. Elanchik). Sov. Kazakh. 22 no. 7:121-123 Jl '56.

KAZAKHSTAN—DROUGHTS

Aerological analysis of atmospheric droughts in western Kazakhstan. N. F. Gel'mgol'ts. Trudy KazNIGMI no. 5:44-76 '55.

Synoptic conditions of atmospheric droughts in western Kazakhstan. R. TS. Bezverkhniaia. Trudy KazNIGMI no. 5:77-88 '55.

KAZAKHSTAN—DRY FARMING

Crop cultivation practices in the dry-farming areas of arid regions. A. Gabbasov. Sel'khoz. Kazakh. no. 4: 28-31 Ap '56.

KAZAKHSTAN—ECONOMIC CONDITIONS

Borovikov, Z. V. [Kazakhstan in the family of nations of the Soviet Union] Kazakhskaia SSR v bratskoi sem'e narodov Sovetskogo Soiuza. Alma-Ata, Kazakhskoe gos. izd-vo, 1955, 36 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Kazakhskoi SSR)

Local initiative and party leadership. I. Tazhiev. Part. zhizn' no. 15:10-17 Ag '56.

KAZAKHSTAN—ECONOMIC GEOGRAPHY

Some economic geography prerequisites for the development of tea growing in the regions of Central Asia and Kazakhstan. D. A. Golovkin. Trudy Glav. bot. sada 5:139-151 '56.

KAZAKHSTAN—ECONOMIC POLICY

Prospects for the economic development of Kazakhstan. A. Speranskii. Part. zhizn' no. 15:63-70 Ag '56.

KAZAKHSTAN—EDUCATION—PERIODICALS

Pedagogical journal and the school. S. Abdrakhmanov, V. Fishchuk. Komm. Kazakh. 26 no. 9:57-60 S '56.

KAZAKHSTAN—FRUIT—DISEASES AND PESTS

Protecting the collective farm orchard. E. P. Solov'eva. Zashch. rast. ot vred. i bol. 1 no. 3:35-36 Jl-Ag '56.

KAZAKHSTAN—FRUIT CULTURE

Development of fruit culture in regions of virgin lands coming under the plow in Kazakhstan. Sh. A. Khabibullin. Sad i og. no. 8:36-40 Ag '56.

KAZAKHSTAN—GRAIN

Grain varieties for Kazakhstan. A. V. Krylov. Nauka i pered. op. v sel'khoz. no. 7:26-28 Jl '56.

The Kazakhstan milliard. Komm. Kazakh. 26 no. 10: 2-10 O '56.

KAZAKHSTAN—GREENHOUSE MANAGEMENT

Greenhouse management in Kazakhstan. G. Kaplina. Sel'khoz. Kazakh. no. 4:55-58 Ap '56.

KAZAKHSTAN—HALOXYLON

Some results of growing black saksaul (H. aphyllum) in Kazakhstan. K. A. Pashkovskii. Trudy Inst. bot. AN Kazakh. SSR 3:160-173 '56.

KAZAKHSTAN—HARVESTING

Harvesting on virgin land. P. Kodochigov. Prof.-tekh. obr. 13 no. 8:3 Ag '56.

Stop all harvest losses. Komm. Kazakh. 26 no. 9:44-47 S '56.

KAZAKHSTAN—HAY

Growing annuals for hay in Northern Kazakhstan. I. Potovitskii, E. Gossen. Sel'khoz. Kazakh. no. 4:44-46 Ap '56.

KAZAKHSTAN—HISTORY

Some sources for the history of Kazakhstan in the 15th and 16th centuries. S. K. Ibragimov. Vest. AN Kazakh. SSR 12 no. 9:51-59 S '56.

KAZAKHSTAN—HOOKWORM DISEASE

Ancylostomiasis in southern Kazakhstan. V. IA. Kuz'michev. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:99-106 '56.

KAZAKHSTAN—HOOKWORMS

Experimental observations on the possibility of the development of Ancylostoma larvae in lead mines. V. IA. Kuz'michev. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:107 '56.

KAZAKHSTAN—HOUSING

Housing construction. Komm. Kazakh. 26 no. 9:47-49 S '56.

KAZAKHSTAN—INDUSTRIAL ORGANIZATION

Specialization in Kazakhstan's light, local, and cooperative industry. N. Erofeev. Komm. Kazakh. 26 no. 9: 27-32 S '56.

KAZAKHSTAN—INDUSTRIES

Let's be prepared for winter. Komm. Kazakh. 26 no. 10:34-36 O '56.

KAZAKHSTAN—JUSTICE, ADMINISTRATION OF

Respect and guard the rights of Soviet citizens. A. Nabatov. Komm. Kazakh. 26 no. 10:10-23 O '56.

KAZAKHSTAN—LAKES

A new monograph ("Salt lakes of Kazakhstan," E. V. Posokhov. Reviewed by A. I. Dzons-Litovskii). Vest. AN Kazakh. SSR 12 no. 9:110-111 S '56.

KAZAKHSTAN—LAW

In the philosophy and law section of the Academy of Sciences of the Kazakh S. S. R. S. B. Baimatov. Sov. gos. i pravo no. 4:134-135 '56.

KAZAKHSTAN—LOCUSTS

Expedition to southern Kazakhstan for locust control. A. D. Shumaev. Zashch. rast. ot vred. i bol. 1 no. 3:10-12 Jl-Ag '56.

KAZAKHSTAN—LOESS

M. I. Lomonovich's book "Loess in Kazakhstan and its importance to the national economy." Reviewed by V. A. Obruchev. Izv. AN SSSR. Ser. geol. 21 no. 7:114-115 Jl '56.

KAZAKHSTAN—MINING ENGINEERING

Use of the forced caving system in the mines of Leninogorsk Combine. I. M. Malkin. Gor. zhur. no. 8:20-21 Ag '56.

KAZAKHSTAN—PARASITOLOGY

Results of combatting parasitic diseases in Kazakstan during the period 1951-55, tasks for 1956-60, and plans for 1956. K. A. Kostina. Med. paraz. i paraz. bol. 25 no. 3:210-215 Jl-S '56.

KAZAKHSTAN—POLITICS AND GOVERNMENT

Kazakh S.S.R. Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the Kazakh S.S.R., third convocation (fourth and fifth sessions); March 23, 1954 and June 14-16, 1954; stenographic report] Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, tret'ego sozyva (chetvertaia i piataia sessii); 23 marta 1954 g. i 14-16 iiunia 1954 g. Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1954. 219 p.

Kazakh S.S.R. Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the Kazakh S.S.R., fourth convocation (second session); January 20-21, 1956; stenographic report] Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, chetvertogo sozyva (vtoraia sessiia); 20-21 ianvaria 1956 goda. Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 170 p.

Kazakh S.S.R. Verkhovnyi Sovet. [Sixth session of the Supreme Soviet of the Kazakh S.S.R.; March 20-24, 1941; stenographic report] Shestaia sessiia Verkhovnogo Soveta Kazakhskoi SSR; 20-24 marta 1941 goda. Stenograficheskii otchet. Alma-Ata, Kazakhskoe ob"edinennoe gos. izd-vo, 1940. 108 p.

KAZAKHSTAN—RECLAMATION OF LAND

Great exploit. Sots. Uz. 16 no. 8:8-9 Ag '56.

Toward excellent work and remarkable deeds. IU. Sorokin, I. IAshkov. Prom. koop. no. 8:32-33 Ag '56.

KAZAKHSTAN—RED SPIDER

New findings on tetranychoid mites in southern Kazakhstan [with English summary in insert]. B. A. Vainshtein. Zool. zhur. 35 no. 8:1146-1151 Ag '56.

KAZAKHSTAN—ROCKS

Types of cavities in rocks and their significance in the formation of underground water in the southwestern part of Central Kazakhstan. S. K. Kalugin. Vest. AN Kazakh. SSR 12 no. 9:21-37 S '56.

KAZAKHSTAN—RUSSIAN LITERATURE—HISTORY AND CRITICISM

Unceasingly improve one's artistry; the works of young Russian writers in Kazakhstan. K. Kurova. Komm. Kazakh. 26 no. 10:42-49 O '56.

KAZAKHSTAN—SHEEP

Bal'mont, V. A. [Sheep breed for the five-year plan in Kazakhstan] Planovye porody ovets Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1956, 54 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

Chiflin, N. P. [The practice of experts should be known to sheep breeders in Kazakhstan] Opyt masterov - ovtsevodam Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1956, 31 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

Gal'chenko, P. IA. [Fine-fleeced sheep of the "TSentral'nyi" Collective Farm] Tonkorunnye ovtsy kolkhoza "TSentral'nyi." Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 21 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

Raising fine-fleeced dual-purpose sheep in Kazakhstan. V. A. Bal'mont. Ovtsevodstvo no. 8:9-14 Ag '56.

KAZAKHSTAN—SHEEP (Continued)
Raising fine-wool sheep in Western Kazakhstan. N. Platakov. Sel'khoz. Kazakh. no. 4:37-41 Ap '56.

KAZAKHSTAN—SOCIAL SCIENCES—STUDY AND TEACHING
Study more profundly the regularities of the socialist order. Vest. AN Kazakh. SSR 12 no. 9:3-8 S '56.

KAZAKHSTAN—SPARROWS
Measures for controlling sparrows in Kazakhstan [with English summary in insert]. B. K. Shtegman. Zool. zhur. 35 no. 8:1203-1213 Ag '56.

KAZAKHSTAN—SPORTS
Forward movement. M. Zaslavskii. Sp. igry 2 no. 7: 2-5 Jl '56.
From the history of sports tournaments in Kazakhstan. M. B. Brusilovskii. Teor. i prak. fiz. -kul'. 19 no. 8: 568-572 '56.

KAZAKHSTAN—STATE FARMS
Establishing state farms on virgin land. L. G. Lapinskii. Nauka i pered. op. v sel'khoz. no. 7: 35-38 Jl '56.

KAZAKHSTAN—STOCK AND STOCKBREEDING
Transactions of the Scientific Research Institute of Animal Husbandry of the Kazakhstan Branch of the All-Union Lenin Academy of Agricultural Sciences. D. I. Startsev, D. I. Grudev. Zhivotnovodstvo no. 8:92-95 Ag '56.
Using the resources for stock breeding in the eastern regions of Kazakhstan. Sh. Burbaev. Vest. AN Kazakh. SSR 12 no. 9:45-50 S '56.

KAZAKHSTAN—TEA
Results of studying the cultivation of tea shrubs in southern southern Kazakhstan. A. V. Paravian. Trudy Glav. bot. sada 5:91-102 '56.

KAZAKHSTAN—VEGETABLE GARDENING
Kaplina, G. T., ed. [Kazakhstan vegetable grower's manual] Agrotekhnicheskii spravochnik ovoshchevoda. Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 331 p.
(DA)

KAZAKHSTAN—VEGETABLES—VARIETIES
Progressive variety testing station. S. Rauz. Sel'khoz. Kazakh. no. 4:50-56 Ap '56.

KAZAKHSTAN—WATER—ANALYSIS
Hydrochemical characteristics of surface flow in drought areas of Kazakhstan. A. I. Novskaia. Vest. AN Kazakh. SSR 12 no. 9:90-97 S '56.

KAZAKHSTAN—WATER, UNDERGROUND
Types of cavities in rocks and their significance in the formation of underground water in the southwestern part of Central Kazakhstan. S. K. Kalugin. Vest. AN Kazakh. SSR 12 no. 9:21-37 S '56.

KAZAKHSTAN—WHEAT
Effectiveness of shallow placement of organomineral mixtures in winter wheat fields. A. T. Ponomareva, Z. V. Sushchikh. Agrobiologiia no. 4:84-88 Jl-Ag '56.

KAZAKHSTAN—WIT AND HUMOR—PERIODICALS
With the sharp edge of satire. Komm. Kazakh. 26 no. 10:37-41 O '56.

KAZAKHSTAN—WORMS, INTESTINAL AND PARASITIC
Materials on the epidemiology and helminthiasis among the population of central Kazakhstan. V. IA. Kuz'michev, E. I. Fedorova. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:85-98 '56.

KAZAKHSTAN—ZOOLOGY
Shaitnikov, V. N. [Our animals in photographs from nature] Nashi zhivotnye v fotografiiakh s natury. Alma-Ata, Kazakhskoe gos. izd-vo.
Vol. 2, 1949. 271 p.
Vol. 5. (Pod red. P. I. Marikovskogo). 1954. 308 p.

KAZAKHSTAN, EASTERN—ECONOMIC CONDITIONS
On the banks of the Irtysh. Sov. Soiuz no. 10:10-17 O '56.

KAZALINSK DISTRICT—BOTANY—ECOLOGY
Vegetation and feed resources of the Kazalinsk State Sheep Farm in Kzyl-Orda Province. N. G. Kirichenko. Trudy Inst. bot. AN Kazakh. SSR 3:125-159 '56.

KAZAN—HORSE TRAINING
Training and trials for trotters on the Kazan track. K. Georgievskii. Konevodstvo 26 no. 7:35-38 Jl '56.

KAZAN—VETERINARY COLLEGES—HISTORY
New material on the history of veterinary education ("Uchenye zapiski" of the Kazan State Veterinary Institute. Reviewed by N. A. Flegmatov, K. M. Malinin). Veterinariia 33 no. 10:88-89 O '56.

KAZANTSEV, IVAN PETROVICH
Trip through the exhibition. IUn. nat. no. 8:32-33 S '56.

KAZBEK, MOUNT—ROCKS
Formation conditions of talus and slide-rock in the region of Mount Kazbek. I. P. Kadil'nikov. Uch. zap. Bash. gos. ped. inst. no. 6:38-43 '55.

KAZBEK, MOUNT—WEATHERING
Formation conditions of talus and slide-rock in the region of Mount Kazbek. I. P. Kadil'nikov. Uch. zap. Bash. gos. ped. inst. no. 6:38-43 '55.

KEDABEK—TOURMALINE
Crystallographic study of Kedabek tourmaline. A. Z. Vezir-Zade. Trudy Azerb. ind. inst. no. 8:12-16 '54.

KEDIRI, JAVA—FLOODS
Flood in Kediri. Vsem. stud. nov. 10 no. 8:25 Ag '56.

KEMEROVO—BOOKSELLERS AND BOOKSELLING
Businessmen. Kuznetsov. Sov. knizh. torg. no. 9:24 S '56.

KEMEROVO—COMMUNIST YOUTH LEAGUE
Study room of Communist Youth League work. V. Maslin. Mol. komm. 14 no. 9:48-49 S '56.

KEMEROVO—CONSTRUCTION INDUSTRY
Equipment in reliable hands. R. El'tsov. Mol. komm. 14 no. 8:52-54 Ag '56.

KERATIN
Effect of keratin on the wool productivity of sheep. V. G. IAkovlev and others. Trudy Biol. inst. Kir FAN SSSR no. 4:103-111 '51.

KERATOSIS
Vesicular forms of follicular dyskeratosis (Darier's disease). N. S. Smolov, L. IA. Trofimova. Vest. ven. i derm. 30 no. 4:13-19 Jl-Ag '56.

KERCH PENINSULA—GEOCHEMICAL PROSPECTING
Biochemical characteristics of Tertiary and Cretaceous deposits in the Kerch Peninsula. A. G. Mileshina, N. P. Moskalev. Geokhim. met. poisk. nefti i gaza no. 2:68-79 '54.

KERCH PENINSULA—GEOLOGY, STRATIGRAPHIC
Biochemical characteristics of Tertiary and Cretaceous deposits in the Kerch Peninsula. A. G. Mileshina, N. P. Moskalev. Geokhim. met. poisk. nefti i gaza no. 2:68-79 '54.

KERCH PENINSULA—IRON ORES
Magnetization roasting of Kerch deposit ores and the removal of their arsenic content. S. K. Grebnev. Gor. zhur. no. 8:21-25 Ag '56.

KERDODA, A.
An attempt to entertain ("Daughter of the steppe." A. Kerdoda. Reviewed by M. Tolkach, IA. Lipkovich). Svet. nad Baik. no. 4:147-151 Jl-Ag '56.

KEROSENE
(see also subdivision under Tuymazy)
Leaching out kerosine in a pressure-vacuum distillation apparatus. A. F. Stoliarova. Neftianik 1 no. 4:4-6 Ap '56.

KESHOKOV, ALIM
Kabardian songs ("In a new home"; narrative poem and verse. Alim Keshokov. Reviewed by Antti Timonen). Ogonek 34 30:16 S '56.

KETENE—PHYSIOLOGICAL EFFECT
Work hygiene problems in organic syntheses from ketene. S. L. Danishevskii. Gig. i san. 21 no. 9:27-32 S '56.

KETONES
Acetylene derivatives. Part 174. Condensation of aldehydes and ketones with acetylene under pressure. Part 2. I. N. Nazarov, I. L. Kotliarevskii, V. F. Riabchenko. Izv. AN SSSR. Otd. khim. nauk no. 8:960-966 Ag '56.
Molecular rearrangements and intramolecular oxidation-reduction. Isomerization of aldehydes and ketones. S. N. Danilov. Reakts. org. sposob. 4:150-310 '56.
Production of esters and oxyketones by the acylation of aluminium phenolates and arylborates. V. K. Kuskov, L. P. IUr'eva. Dokl. AN SSSR 109 no. 2:318-321 Jl '56.
Significance of the dynamics of ketonemia in various function tests for evaluating clinical forms of diabetes mellitus. IA. S. Leshchinskaia. Probl. endok. i gorm. 2 no. 3:8-14 My-Je '56.
Synthesis of hydrocarbons. Part 56. Conversion of hydroaromatic ketones into aromatic hydrocarbons by means of phosphorus pentoxide. R. IA. Levina, Kim Chae-gil, V. R. Skvarchenko. Zhur. ob. khim. 26 no. 7:1884-1888 Jl '56.
3, 4-diketones of the furanidine series and bispirane type in the synthesis of condensed heterocyclic systems. I. K. Korobitsyna and others. Zhur. ob. khim. 26 no. 7:2058-2063 Jl '56.

KEYS see Locks and keys

KHABAROVSK—THEATER
Khabarovsk. Teatr 17 no. 9:152-153 S '56.

KHAKASS AUTONOMOUS PROVINCE—AGRICULTURE
High-producing farms in the steppes of Khakassia. D. D. Moldavskii. Nauka i pered. op. v sel'khoz. no. 7: 74-76 Jl '56.

KHAKASS AUTONOMOUS PROVINCE—EXCAVATIONS (ARCHAEOLOGY)
Archaeological excavations in Khakassia. A. N. Lipskii. Krat. soob. IIMK no. 64:116-129 '56.

KHAKASS AUTONOMOUS PROVINCE—RECLAMATION OF LAND
First steps. Vladimir Krivenchenko. Krest'ianka 35 no. 9:2-4 S '56.

KHANTI-MANSI NATIONAL AREA—ECONOMIC GEOGRAPHY
Kokosov, N. M., V. I. Nikulin, and V. I. Kharin. [The Khanti-Mansi National Area; a sketch of its natural resources and economy] Khanty-Mansiiskii natsional'nyi okrug; ocherk prirody i khoziaistva. Sverlovsk, Izd-vo Akademii nauk SSSR, Ural'skii filial, 1956. 102 p.

KHAPLANOV, G.
G. Khaplanov as Aleksandr. Teatr 17 no. 9:161-162 S '56.

KHARKOV—BRONZE FOUNDING
Chill casting of large size OF10-1 bronze bushings. A. F. Nasankin. Lit. proizv. no. 8:29-30 Ag '56.

KHARKOV—DWELLINGS
Satisfy the residents' demands in full. Arkhit. i stroi. 4 no. 4:28-29 Jl-Ag '56.

KHARKOV—EXHIBITIONS
The sixth five-year plan in a museum exposition. L. Lavrynenko, L. Shramko. Sots. kul't. 10 no. 9:7-9 S '56.

KHARKOV—GRINDING AND POLISHING
Grinding horizontal joint surfaces for the large body parts; experience of the Kharkov turbine construction plant. A. A. Khukhrii. Energomashinostroenie no. 7: 24-25 Jl '56.

KHARKOV—RADIO CLUBS
Former glory and forgotten traditions. A. Grif. Radio no. 8:8-9 Ag '56.

KHARKOV—TELEVISION BROADCASTING
Concerts over television; a photosketch. Sots. kul't. 10 no. 9:24-25 S '56.

KHARKOV—THEATER
"Cruel lesson." Teatr 17 no. 8:129 Ag '56.

KHARUNZHAIA, VERA
Reminiscences about Vera Kharunzhaia. A. Malouskaia. Polymia 34 no. 9:101-105 S '56.

KHERSON PROVINCE—IRRIGATION CANALS AND FLUMES
The canal cuts through the steppe. Ir. Lymonov. Ukraina no. 19:8-9 O '56.

KHERSON PROVINCE—POULTRY
Ways of lowering the cost of production in poultry raising. L. I. Zil'bershtein. Sots. tvar. 26 no. 9:13-14 S '56.

KHIBINY MOUNTAINS—BERYLLIUM
Distribution of beryllium in the Khibiny alkaline massif and the beryllium content in nepheline-sienites. L. S. Borodin. Dokl. AN SSSR 109 no. 4:811-812 Ag '56.

KHMEL'NITSKIY—STOCK YARDS
At the Khmel'nitskiy stock-fattening yard. M. Blazhuk. Moloch. i miias. zhiv. no. 3:24-26 My '56.

KHMEL'NITSKIY PROVINCE—ECONOMIC CONDITIONS
Internal economic characteristics of Khmel'nitskiy Province. F. M. Machykhin. Nauk. zap. Kiev. un. 13 no. 3:43-73 '54.

KHMEL'NITSKIY PROVINCE—KINDERGARTEN
Kindergartens on the collective farms of Khmel'nitskiy Province. I. Sochyvets'. Doshk. vykh. 17 no. 9:39-41 S '56.

KHODKOV, VLADIMIR NIKOLAEVICH, 1885-1956
In memory of Vladimir Nikolaevich Khodkov; 1885-1956. Med. sestra 15 no. 8:27 Ag '56.

KHOMOCHKINA, TAT'IANA
Junior police sergeant. G. Tikhii. Fizk. i sport 26 no. 9:15 '56.

KHOTIN—VETERINARY HOSPITALS
Khotin District veterinary hospital. V. S. Veterinariia 33 no. 10:23-24 O '56.

KHRAM VALLEY—GEOLOGY, STRATIGRAPHIC
Cretaceous deposits of the Akstafachay-Khram interfluve. M. M. Aliev, R. N. Abdullaev. Dokl. AN Azerb. SSR 12 no. 8:565-574 '56.

KHUDOIDOD, BOBO IUNUS, 1875-

Nal'skii, IA.I. [People's poet] Narodnyi poet. Stalinabad, Tadzhikgosizdat, 1955. 192 p.

KIBRIK, EVGENII ADOL'FOVICH, 1906-

E. A. Kibrik. G. Sternin. Iskusstvo 19 no. 5:42-44 '56.

KICHUISKII, VALERIAN, pseud. see Samoilov, Ivan Ivanovich, 1888-

KIDNEYS

Effect of nitrogen bases of Naftalan petroleum on the uropoietic function of kidneys. R. K. Aliev, S. R. Odzhakhverdizade. Dokl. AN Azerb. SSR 12 no. 7: 505-511 '56.

KIDNEYS—BLOOD SUPPLY

Effect of spasmolytic and hypotensive agents on renal circulation in healthy dogs and in dogs affected by hypertension. Z. T. Samoilova. Farm. i toks. 19 no. 4:31-36 Jl-Ag '56.

KIEV—AGRICULTURAL MACHINERY

We have mastered the production of sowing disks. A. Dudkin. Prom. koop. no. 8:21 Ag '56.

KIEV—APARTMENT HOUSES

Kiev architects can and must reduce building costs. M. Shul'kevych. Arkhit. i bud. 4 no. 1:8-10 Ja-F '56.

KIEV—BOARDING SCHOOLS

First pages. N. Khalems'kyi. Ukraina no. 19:5-6 O '56.

KIEV—BOTANICAL GARDENS

A. V. Fomin Botanical Garden in Kiev. I. P. Bilokin'. Nauk. zap. Kiev. un. 8 no. 5:213-222 '49.

Wild grasses in the botanical garden of T. H. Shevchenko State University in Kiev. M. I. Malishyts'ka. Nauk. zap. Kiev. un. 7 no. 6:85-97 '48.

KIEV—BOTANY

Adventive flora in the city of Kiev. M. I. Maliushyts'ka. Nauk. zap. Kiev. un. 8 no. 3:45-54 '49.

KIEV—BUILDING

New trends in the housing construction in Kiev. A. Zavarov, A. Fel'bein, I. Bronshtein. Arkhit. SSSR no. 7:27-30 '56.

KIEV—BUNTING (BIRDS)

The little bunting (Emberiza pusilla Pall.) in the vicinity of Kiev. M. A. Voinstvenskii. Nauk. zap. Kiev. un. 9 no. 6:163 '50.

KIEV—CANARIES

The serlin (Serinus canaria serinus Lin.) in Kiev. V. V. Parkhomenko. Nauk. zap. Kiev. un. 9 no. 6:163 '50.

KIEV—DESCRIPTION

Havryliuk, V.S., and L.O. Rechmedii. [The natural setting of Kiev and its environs; physical geography characteristics] Pryroda Kyiva ta ioho okolyts'; fizyko-heohrafichna kharakterystyka. [Kyiv] Vyd-vo Kyivs'koho derzh. univ. im. T.H.Shevchenka, 1956. 68 p.

KIEV—FURNITURE INDUSTRY

Osnach, N. A. [Automatization of furniture manufacturing; the experience of the Bozhenko Furniture Factory in Kiev] Avtomatizatsiia mebel'nogo proizvodstva; opyt kievskoi mebel'noi fabriki im. Bozhenko. Moskva, Goslesbumizdat, 1956. 94 p.

KIEV—GALL FLIES

Gallflies (Cynipidae, Hymenoptera) on the snow in the vicinity of Kiev. V. M. Ermolenko. Nauk. zap. Kiev. un. 9 no. 6:167 '50.

KIEV—GREENHOUSES

Exposition of Mediterranean plants in the greenhouses of the A. V. Fomin Botanical Garden in Kiev [in Ukrainian]. V. U. Dyrdovs'kyi. Nauk. zap. Kiev. un. 8 no. 5:237-241 '49.

KIEV—JUGLANDACEAE

Juglandaceae in the A. V. Fomin Botanical Garden. M. V. Turkevich, I. IA. Liava. Nauk. zap. Kiev. un. 8 no. 5: 223-235 '49.

KIEV—LIBRARIES, WORKINGMEN'S

Implanting love of one's occupation. H. Halkina. Sots. kul't. 10 no. 9:22-23 S '56.

KIEV—MICE

Rodents of the mouse family in Kiev parks and their role in the municipal economy. A. G. Reitblat. Nauk. zap. Kiev. un. 9 no. 6:97-102 '50.

KIEV—MITES

Mass detection of the mite Dermanyssus avium et gallinae in a Kiev institution. E. M. Nesterovskaia, I. S. Alekseenko. Med. para. i paraz. bol. 25 no. 3:269-270 Jl-S '56.

KIEV—MONUMENTS

Monument to the great mason. V. Rechmedin. Sots. kul't. 10 no. 9:8 S '56.

KIEV—OWLS

New discoveries of Tengmalm's owl (Aegolius funereus L.) in the vicinity of Kiev. M. A. Voinstvenskii. Nauk. zap. Kiev. un. 9 no. 6:164 '50.

KIEV—PHYSIOLOGY—STUDY AND TEACHING

Development of Pavlov physiology at Kiev university in the light of the decisions of the seventh session of the scientific council on problems of I. P. Pavlov's physiological theories. A. I. Emchenko, P. G. Bogach. Nauk. zap. Kiev. un. 12 no. 7:5-11 '53.

KIEV—PRECAST CONCRETE

Precast concrete products plant in Kiev. V. A. Narizhnyi, V. P. Artemtsev. Bet. i zhel.-bet. no. 9:310-314 S '56.

KIEV—RADIO—CONGRESSES

Scientific session and technical conferences. Radio no. 8:60 Ag '56.

KIEV—RAYON

From oil, gas, and wood. M. Vepryns'kyi. Ukraina no. 17:19 S '56.

KIEV—REVOLUTION OF 1905

Kiev University during the revolution of 1905-1907. M. P. Rud'ko. Nauk. zap. Kiev. un. 14 no. 6:69-93 '55.

KIEV—SAWFLIES

Ecology of some sawflies (Hymenoptera, Tenthredinidae) injurious to the Kiev parks. V. M. Ermolenko, K. A. Shmigovskii. Nauk. zap. Kiev. un. 13 no. 12:101-108 '54.

KIEV—SCORPIONFLIES

Discovery of the snow scorpionfly Boreus westwoodi Hag. (Boreidae, Mecoptera) in the winter of 1948 in the vicinity of Kiev. V. M. Ermolenko. Nauk. zap. Kiev. un. 9 no. 6:166-167 '50.

KIEV—SILVER FOX

Silver foxes in Sviatoshin. L. Zeleneva'ka. Pionerila 33 no. 9:30 S '56.

KIEV—SOLAR RADIATION

Absorption of solar radiation in the free atmosphere in the region of Kiev. N. I. Goisa. Trudy Ukr. NIGMI no. 3:73-78 '55.

KIEV—SOLDIERS' MONUMENTS

Monument of eternal glory to the soldiers of the Great Patriotic War. Arkhit. i bud. 4 no. 4:14 My-Je '56.

KIEV—STONE AGE

Mesolithic sites in the environs of Kiev. D. IA. Telegin. Krat. soob. IIMK no. 65:74-78 '56.

KIEV—SWIMMING POOLS

New indoor swimming pool in Kiev. T. Fel'dman-Babak. Arkhit. i bud. 4 no. 3:11-12 My-Je '56.

KIEV—TECHNICAL EDUCATION

Technical school training for workers without break in production. I. Kolokolov. Avt. transp. 34 no. 8:24 Ag '56.

KIEV—WAR MEMORIALS

Monument of eternal glory. Sov. Ukr. 6 no. 8:189-190 Ag '56.

KIEV—WATER—BACTERIOLOGY

Characteristics of microflora in the Kiev water system. H. A. Kil'cheva'ka. Nauk. zap. Kiev. un. 8 no. 3:41-44 '49.

KIEV—ZOOLOGY—STUDY AND TEACHING

Contribution of Kiev University scientists to the development of zoology in the 19th and the beginning of the 20th centruy. B. M. Mazurmovych. Nauk. zap. Kiev. un. 13 no. 6:27-43 '54.

KIEV METEOROLOGICAL OBSERVATORY

One hundredth anniversary of the Kiev Meteorological Observatory. I. E. Buchinskii. Izv. Vses. geog. ob-va 88 no. 4:390-392 Jl-Ag '56.

KIEV PROVINCE—CITY PLANNING

Around Kiev; discussion with B. Pritmak, chief architect of Kiev. Arkhit. SSSR no. 7:10 '56.

KIEV PROVINCE—DWELLINGS

Peasant dwellings in Kiev Province in the first half of the 19th century. B. S. Butnik-Siverskii. Sov. etn. no. 2:115-116 '56.

KIEV PROVINCE—REVOLUTION OF 1905

Peasant movements in the Kiev Government in 1905. A. K. Butsyk. Nauk. zap. Kiev. un. 14 no. 6:19-44 '55.

KIEV PROVINCE—WOODPECKERS

Importance of the great spotted woodpecker to forestry (Dryobates major L.) I. V. Marisova. Nauk. zap. Kiev. un. 12 no. 3:73-86 '53.

KIEV UNIVERSITY—HISTORY

Kiev University during the revolution of 1905-1907. M. P. Rud'ko. Nauk. zap. Kiev. un. 14 no. 6:69-93 '55.

KILNS

Ways to reduce rejects in standard dinas bricks burned by the gas-chamber kiln process. V. D. TSigler and others. Ogneupory 21 no. 5:202-206 '56.

KILNS, ROTARY

(see also subdivision under Shchurovo)

Adopting the method of spraying the slurry. N. A. Meliushev. TSement 22 no. 4:7-9 Jl-Ag '56.

Selecting a cooling system for the electric engine of rotary kiln drives. G. Gofman. TSement 22 no. 4: 26 Jl-Ag '56.

KIM IL-SONG, 1912-

Festive reception at Marshal Kim Il-sŏng's, chairman of the cabinet of ministers of the Korean People's Democratic Republic. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 33:4 Ag '56.

KIM MAN-JUNG, 1637-1692

Kim Man-jung, outstanding Korean writers. Ch'oe Si-hak. Nov. Kor. no. 8:43-44 Ag '56.

KINDERGARTEN

(see also subdivision under Khmel'nitskiy Province; Kustanay Province)

"Educational games in the kindergarten." O. I. Soroklina. Reviewed by O. Vertyporokh. Doshk. vykh. 17 no. 9: 46-47 S '56.

For new success in the new academic year. Doshk. vykh. 17 no. 9:1-4 S '56.

Gymnastics and motion games in a younger group. M. Sheiko. Doshk. vykh. 17 no. 9:10-16 S '56.

The kindergarten and the family. N. Rozhkova. Doshk. vykh. 17 no. 9:28-33 S '56.

Organization of work with parents and the public. B. Kobzar. Doshk. vykh. 17 no. 9:35-36 S '56.

Training children to be self-reliant. IE. Semashko. Doshk. vykh. 17 no. 9:20-25 S '56.

Work with parents in developing children's behavior. V. Vol'f. Doshk. vykh. 17 no. 9:33-35 S '56.

KINDERGARTEN—MUSIC

The significance of musical activities in preparing children for school. Z. Abu. Doshk. vykh. 17 no. 9:25-28 S '56.

KINEMATICS

Karagodin, V. M. [Some problems in the mechanics of bodies with variable mass] Nekotorye voprosy mekhaniki tela peremennoi massy. Moskva, Gos. izd-vo obor. promyshl., 1956. 30 p. (Moscow. Aviatsionnyi institut. Trudy, no. 63)

KINEMATICS OF MACHINERY see Machinery, Kinematics of

KINETICS see Dynamics; Motion

KIRGHIZ—HISTORY AND CRITICISM

Kirghiz Soviet dramaturgy. K. Aimbetov. Zvezda Vost. 24 no. 7:117-121 Jl '56.

KIRGHIZISTAN—AERONAUTICS IN AGRICULTURE

Trucks used to bring fertilizer to airplanes. Avt. transp. 34 no. 7:37 Jl '56.

KIRGHIZISTAN—AGRICULTURE—STUDY AND TEACHING

TSymbaliuk, K. I., and G. V. Blagodarova. [Teaching crop cultivation practices in rural schools; from the practice of the Dzhangi-Pakhta secondary school] Agrotekhnicheskaia podgotovka uchashchikhsia sel'skoi shkoly; iz opyta raboty Dzhangi-Pakhtinskoi srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 77 p. (Opyt peredovogo uchitelia)

KIRGHIZISTAN—BEEF CATTLE

Using all capacities for beef production on the collective and state farms of Kirghizia. A. Kvitko. Moloch. i mias. zhiv. no. 3:19-24 My '56.

KIRGHIZISTAN—BOTANY

[The flora of Kirghizistan; classification of the plants of Kirghizistan] Flora Kirgizskoi SSR; opredelitel' rastenii Kirgizskoi SSR. Sost. E. V. Nikitina i dr. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR.

Vol. 1. [Pteridophyta, Gymnosperms and Monocotyledone of the Angiosperms] Paporotnikoobraznye, golosemennyk i odnodol'nye iz pokrytosemennykh. 1952. 103 p.

Vol. 2. [Grasses and sedges] Zlaki i osokovye. 1950. 315 p.

Vol. 3. [Aroidae - Orchidaceae] Aroidnye - Orkhidnye. 1951. 148 p.

Vol. 4. [Salicaceae - Polygonaceae] Ivovye - Grechishnye. 1953. 153 p.

Vol. 5. [Families: Chenopodiaceae, Amaranthaceae, Portulacaceae, Caryophyllaceae] Semeistva: Marevye, Amarantovye, Portulakovye, Gvozdichnye. 1955. 186 p.

Vol. 6. [Families: Ceratophyllaceae, Ranunculaceae, Berberidaceae, Papaveraceae, Caparidaceae, Cruciferae] Semeistva: Rogolistnikovye, Liutikovye, Barbarisovye, Makovye, Kapersovye, Krestotsvetnye. 1955. 297 p.

KIRGHIZISTAN—ECONOMIC CONDITIONS

Pavlenko, V.F. [The national economy of the Kirghiz S.S.R.; a brief study in economic geography] Narodnoe khoziaistvo Kirgizskoi SSR; kratkii ekonomiko-geograficheskii ocherk. Frunze, Kirgizskoe gos. izd-vo, 1955. 75 p.

KIRGHIZISTAN—FORAGE PLANTS

Promising silage crops for the Kirghiz S.S.R. and organization of seed production for them. V.N.Kovalev. Trudy Biol. inst. KirFAN SSSR no.4:31-43 '51.

KIRGHIZISTAN—FRUIT CULTURE

Status and prosp. ts of the development of subtropical and citrus plants in Kirghizia. L.S.Krivosheeva. Trudy Biol. inst. KirFAN SSSR no.4:169-173 '51.

KIRGHIZISTAN—GAME AND GAME BIRDS

[Game animals and birds of Kirghizistan] Promyslovye zveri i ptitsy Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1956. 147 p.

KIRGHIZISTAN—GRAPTOLITES

Obut, A.M. [Field atlas of leading graptolites of the Upper Silurian in the Kirghiz S.S.R.] Polevoi atlas rukovodiashchikh graptolitov verkhnego silura Kirgizskoi SSR. Pod red. B.P.Markovskogo. Frunze, Izd-vo Kirgizskogo filiala Akademii nauk SSSR, 1949. 66 p.

KIRGHIZISTAN—LAW

Kirkhiz S.S.R. Laws, statutes, etc. [A collection of laws of the Kirghiz Soviet Socialist Republic, decrees of the Supreme Soviet and decisions of the government of the Kirghiz S.S.R.] Sobranie zakonov Kirgizskoi Sovetskoi Sotsialisticheskoi Respubliki, ukazov Prezidiuma Verkhovnogo Soveta i postanovlenii pravitel'stva Kirgizskoi SSR. Frunze.
Vol.'2. 1950-1954. 1956. 394 p.

KIRGHIZISTAN—MONOCOTYLEDONS

Monocotyledonous plants in Kirghizia. E.V.Nikitina. Trudy Biol. inst. KirFAN SSSR no.4:175-178 '51.

KIRGHIZISTAN—PASTURES AND MEADOWS

The problem of the feed supply in the Kirghiz S.S.R. and its solution. I.V.Vykhodtsev. Trudy Biol. inst. KirFAN SSSR no.4:5-20 '51.

KIRGHIZISTAN—RUSSIAN LANGUAGE—STUDY AND TEACHING

Account of an old schoolmistress. I. Novikov. Nar. obr. no.9:57-58 S '56.

KIRGHIZISTAN—SHEEP

Variation in the quantitative and qualitative composition of the yolk of hybrid sheep (Württemberg×Kurdiuk) under the influence of mountainous conditions. A.F. Dokukin. Trudy Biol. inst. KirFAN SSSR no.4:125-134 '51.

KIRGHIZISTAN—SHEEP BREEDING

Results of crossbreeding French Merinox Kurdiuk ewes with Lincoln rams. G.I. Druzhen'kov. Ovtsevodstvo no.8:20-22 Ag '56.

KIRGHIZISTAN—SPORTS

In the country of mountain ranges. D. Arkad'ev. Sp. igry 2 no.7:6-7 Jl '56.

KIRGHIZISTAN—SUNFLOWERS—VARIETIES

The new "Silage giant-K" silage sunflower. V.N.Kovalev. Trudy Biol. inst. KirFAN SSSR no.4:81-85 '51.

KIRGHIZISTAN—TEA

Work practice in tea growing in southern Kirghizia. A.S. Kasparian. Trudy Glav. bot. sada 5:103-121 '56.

KIRGHIZISTAN—TICKS

Study of tick species of the Ixodoidea superfamily in Kirghizia. R.V.Grebeniuk. Trudy Biol. inst. KirFAN SSSR no.4:119-123 '51.

KIRGHIZISTAN—WHEAT—DISEASES AND PESTS

Leaf rusts of wheat in Frunze and Issyk Kul Provinces, their economic harmfulness, and measures for controlling them. A.G.Pospelov. Trudy Biol. inst. KirFAN SSSR no.4:67-79 '51.

KIROV, SERGEI MIRONOVICH, 1886-1934

S.M.Kirov at the battle fronts of the civil war (1919-1920). A.P. Kladt. Ist. arkh. no.4:39-61 Jl-Ag '56.

KIROV PROVINCE—BOOKSELLERS AND BOOKSELLING

First results. T. Krutovertsev, M. Fogel'. Sov. knizh. torg. no.9:3-6 S '56.

KIROV PROVINCE—BUZZARDS

Discovery of the buzzard Buteo rufinus Cretzschm in a nesting territory of the "Chernyy Les" in Kirov Province. M.A. Voinstvenskii. Nauk. zap. Kiev. un. 9 no.6:162-163 '50.

KIROV PROVINCE—CURRANTS

Growing black currant seedlings in Kirov Province. A.G. Loginycheva. Sad i og. no.8:46-47 Ag '56.

KIROVABAD—POULTRY HATCHERIES

Leading hatchery of Azerbaijan is a participant in the All-Union Agricultural Exhibition of 1956. G.IU. Mekhtiev. Ptitsevodstvo 6 no.9:18 S '56.

KIROVGRAD—COPPER—METALLURGY

Producing and processing granulated concentrates at the Kirovgrad copper smelting plant. E.M. Liapustina, A.A. Babadzhan, V.D. Bulatov. TSvet. met. 29 no.9:24-28 S '56.

KIROVOGRAD PROVINCE—AGRICULTURE

Agricultural districts in Kirovograd Province, Ukrainian S.S.R. M.O. Khyiuk. Nauk. zap. Kiev. un. 13 no.3: 117-149 '54.

KIROVOGRAD PROVINCE—HORSE BREEDING

Raising pedigree horses on the collective farms of the area served by the Kirovograd State Breeding Station. I. Kobets. Konevodstvo 26 no.7:27-29 Jl '56.

KIROVOGRAD PROVINCE—WATER, UNDERGROUND

Prospects for the utilization of underground water for water supply and irrigation in some districts of Kirovograd Province, Ukrainian S.S.R. F.A. Rudenko. Nauk. zap. Kiev. un. 12 no.4:75-81 '53.

KISELEV, V.S.

A good organizer. V. Vorob'ev. Sel'. stroi. 11 no.8: 24 Ag '56.

KISELEV, VLADIMIR

Unseen conflict ("The writer in the backwoods." V. Kiselev. Reviewed by S. Chimishkian. Znamia 26 no.9: 191-192 S '56.

KISHINEV—BASKETBALL

Days of intense training. Sp. igry 2 no.6:5-6 Je '56.

KISHINEV—CERAMIC INDUSTRIES

Structural ceramics manufactured by the Kishinev factory. Stroi. mat., izdel. i konstr. 2 no.7:39 Jl '56.

KISHINEV—PLANTS, ORNAMENTAL—DISEASES AND PESTS

Diseases of ornamental plants in Kishinev and measures for their control. I.A. Kataev. Uch. zap. Kish. un. 13: 209-217 '54.

KISLOVODSK—THERAPEUTICS, PHYSIOLOGICAL

From the work practice of the Kislovodsk Scientific Health Resort Council. Vop. kur. fizioter. i lech. fiz. kul't. 21 no.3:94-95 Jl-S '56.

KIZILTASH LIMAN—FISHERIES

Kiziltash mullet fishery. G. IA. Doroshin, E.R. Sukhanova. Ryb. khoz. 32 no.8:62-65 Ag '56.

KLEPTOMANIA

Pathophysiological mechanisms of kleptomania and its treatment. K.I. Platonov. Fiziol. zhur. [Ukr.] 2 no. 4:71-75 Jl-Ag '56.

KLIMENKO, NIKOLAI FEDOSEEVICH

In the first ranks of the competitors. D. Gurevich. Avt. transp. 34 no.7:22 Jl '56.

KLIUSHNIKOVA, ELIZAVETA PETROVNA

Folk singer from the Urals. N. Rozina. Ogonek 34 38:27 S '56.

KLYUCHEVSKAYA SOPKA—RADIUM

Report on the radium content in lavas of volcanoes of the Klyuchevskaya group. N.N. Shavrova. Biul. Vulk. sta. no.24:65-67 '56.

KNITTING

Just like new... M. Gaigulina. Rabotnitsa 34 no.9: 20 S '56.

KNITTING MACHINES

Equipment used in hosiery and knit-goods industry. (From "The Hosiery Trade Journal" no. 743, 1955). K. Lupandin. Leg. prom. 16 no.7:53-54 Jl '56.

KNOWLEDGE, THEORY OF

The concreteness of truth and its significance in the cognitive process. V.I. Evchuk. Uch. zap. Akad. obshchestv. nauk no.21:122-150 '56.

Mannheim's "Sociology of knowledge" and the problem of objective truth. Adam Schaff. Vop. filos. no.4: 118-128 '56.

Marxist work on the theory of knowledge ("The materialist theory of knowledge" [in French]. R. Garaudy. Reviewed by G.D. Sul'zhenko). Vop. filos. no.4:205-209 '56.

The significance of abstraction in the cognitive process. A.M. Tevosian. Uch. zap. Erev. gos. russ. ped. inst. 4:145-167 '55.

The union of analysis and synthesis in the cognitive process. A.M. Tevosian. Uch. zap. Erev. gos. russ. ped. inst. 5:167-199 '55.

KNUNIANTS, IVAN LIUDVIGOVITCH, 1906-

Fiftieth anniversary of the birth of I.L. Knuniants. Izv. AN SSSR. Otd. khim. nauk no.7:753 Jl '56.

KNYAZHAYA GUBA HYDROELECTRIC POWER STATION

Knyazhaya Guba Hydroelectric Power Station. V.V. Batanogov, IU.M. Uspenskii, S.N. Filaretov. Elektrichestvo no.7:6-10 Jl '56.

KOCHERHA, IVAN ANTONOVICH, 1881-1952

Ivan Kocherha. Kindrat Storchak. Zhovten' 6 no.10: 86-93 O '56.

Talented master of drama; on the 75th anniversary of Ivan Kocherha's birth. Volodymyr Sukhodol'skyi. Vitchyzna 24 no.10:126-129 O '56.

KOK-SAGHYZ

Biology of kok-saghyz in wide strip plantations. S.O. Grebinskii and others. Dop. ta pov. L'viv. un. no.5, pt.2: 23-26 '55.

Effect of large doses of nitrogen on the growth and accumulation of rubber in kok-saghyz. D.F. Protsenko. Nauk zap. Kiev. un. 8 no.5:59-70 '49.

Effect of various types of potassium fertilizers on the synthesis of rubber and chemical composition of kok-saghyz. P.A. Vlasiuk, Z.M. Klimovitskaia. Nauk. zap. Kiev. un. 8 no.5:35-44 '49.

Particular aspects of the germination of seeds of kok-saghyze and dandelions. D.P. Protsenko. Nauk. zap. Kiev. un. 8 no.3:5-26 '49.

KOKOREKIN, ALEKSEI ALEKSEEVICH, 1906-

A.A. Kokorekin. V. Koretskii. Iskusstvo 19 no.5:47-49 '56.

KOKOSOV, VLADIMIR IAKOVLEV, 1845-1911

V.IA. Kokosov, a pioneer in the investigation of marmot plague. V.I. Dmitrieva. Zhur. mikrobiol. epid. i immun. 27 no.9:103-105 S '56.

KOLA PENINSULA—PEGMATITES

Vinogradovite-a new mineral. E.I. Semenov and others. Dokl. AN SSSR 109 no.3:617-620 Jl '56.

X-ray analysis of the crystal structure of chkalovite. IU.A. Platenko, G.B. Bokii, N.V. Belov. Dokl. AN SSSR 108 no.6:1077-1080 Je '56.

KOLAS, IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOL'CHUGINO—NONFERROUS METALS—METALLURGY

Enlarged technical council of the Kol'chugino Ordzhonikidze Plant on problems of progressive practice exchanges. TSvet. met. 29 no.7:87-88 Jl '56.

KOLEDOV, IURII

Koledov won our prize. Fizk. i sport 20 no.9:23 '56.

KOLOMNA—MACHINERY INDUSTRY

Unique machine. Ukraina no.17:19 S '56.

KOL'TSOV, MIKHAIL EFIMOVICH, 1898-

Mikhail Kol'tsov. Nik. Kruzhkov. Sov. pech. no.9:32-34 S '56.

KOMAROV, VLADIMIR LEONT'EVICH, 1869-1945

In memory of Academician V.L. Komarov. V.I. Polianskii. Vest. Len. un. 11 no.15:142-145 '56.

KOMI A.S.S.R.—BARLEY—VARIETIES

Local barley varieties in the Komi A.S.S.R. P.V. Pornachev. Trudy Komi fil. AN SSSR no.1:71-79 '53.

KOMI A.S.S.R.—CABBAGE

Cultivation practices for obtaining high and early yields of head cabbage. K.A. Moiseev. Trudy Komi fil. AN SSSR no.1:85-90 '53.

KOMI A.S.S.R.—DAIRY CATTLE BREEDING

Butterfat content of milk and cattle breeding on Komi collective and state farms for the purpose of increasing it. P.F. Rokitskii. Trudy Komi fil. AN SSSR no.1:91-103 '53.

KOMI A.S.S.R.—ECONOMIC CONDITIONS

Tasks of the Komi Branch of the Academy of Sciences of the U.S.S.R. in the immediate future. Trudy Komi fil. AN SSSR no.1:3-5 '53.

KOMI A.S.S.R.—ELECTRICITY IN LUMBERING

Economic effectiveness of changing logging camps of the Komi A.S.S.R. over to the centralized power supply system. G.N. Paroshchenko, D.S. Ton. Trudy Komi fil. AN SSSR no.3:33-40 '55.

Ways of developing the power supply system for the lumbering industry of the Komi A.S.S.R. L.A. Brattsev. Trudy Komi fil. AN SSSR no.3:21-32 '55.

KOMI A.S.S.R.—FORESTS AND FORESTRY

Principal forest types in the Komi A.S.S.R. IU.P. IUdin. Trudy Komi fil. AN SSSR no.1:15-29 '53.

KOMI A.S.S.R.—INTELLECTUAL LIFE

In the Komi Branch of the Academy of Sciences: information. Trudy Komi fil. AN SSSR no.1:127-128 '53.

KOMI A.S.S.R.—LINDEN

Distribution and growing conditions of the littleleaf linden in the Komi A.S.S.R. V.M. Bolotova. Trudy Komi fil. AN SSSR no.1:31-36 '53.

KOMI A.S.S.R.—LUMBERING

Preface. Trudy Komi fil.AN SSSR no.3:3-5 '55.

Problem of lowering the cost of lumber production. V.P. Podopletov. Trudy Komi fil.AN SSSR no.3:41-47 '55.

Survey of the lumbering industry in the Komi A.S.S.R. A.N.Modianov. Trudy Komi fil. AN SSSR no.3: 13-20 '55.

Timber resources of the Komi A.S.S.R. and prospects for their utilization. G.T.Mamaev, F.V.Shakhrai. Trudy Komi fil. AN SSSR no.3:5-12 '55.

KOMI A.S.S.R.—NURSERIES (HORTICULTURE)

Horticultural nursery. Trudy Komi fil.AN SSSR no.1: 128-130 '53.

KOMI A.S.S.R.—PASTURES AND MEADOWS

Forest pastures in the southern part of the Komi A.S.S.R. V.M.Bolotova. Trudy Komi fil.AN SSSR no.3:105-111 '55.

KOMI A.S.S.R.—PINE

Effect of growing conditions on physical and mechanical properties of pine wood in the Komi A.S.S.R. V.D. Nadutkin. Trudy Komi fil.AN SSSR no.3:83-91 '55.

Pine plantations on sandy soils in Syktyvdinskiy District of the Komi A.S.S.R. V.N.Starkova. Trudy Komi. fil. AN SSSR no.3:79-82 '55.

Zonal variation of pine forests in the Komi A.S.S.R. A.N.Lashchenkova. Trudy Komi. fil.AN SSSR no.3:92-98 '55.

KOMI A.S.S.R.—RODENTIA

Murine rodents of the forested part of the Komi A.S.S.R. V.V.Tur'eva. Trudy Komi fil.AN SSSR no.1:53-63 '53.

KOMI A.S.S.R.—RURAL ELECTRIFICATION

Problems of rural electrification in the Komi A.S.S.R. A.S.Bystrozorov. Trudy Komi fil.AN SSSR no.1:7-13 '53.

KOMI LANGUAGE

Problem of scientific and political terminology in the Komi language. M.A.Sakharova. Trudy Komi fil.AN SSSR no.1:105-108 '53.

KOMI LANGUAGE—ORTHOGRAPHY AND SPELLING

Problems in the orthography of the Komi language. A.I. Podorova. Trudy Komi fil.AN SSSR no.1:109-118 '53.

KOMI LANGUAGE—STUDY AND TEACHING

Scientific conference on linguistic problems. A.S.Sidorov. Trudy Komi fil.AN SSSR no.1:119-124 '53.

KOMI-PERMYAK NATIONAL OKRUG—ANTIQUITIES

History of agriculture as practiced by the early Komi-Permyaks. V.A.Oborin. Sov.etn. no.2:66-75 '56.

KONOVALOV, MIKHAIL IVANOVICH, 1858-1906

Mikhail Ivanovich Konovalov. IU.S. Musabekov. Vest. vys. shkoly 14 no.9:48-52 S '56.

KONSTANTINOVKA—GLASS CUTTING

Cutting glass with abrasive saws. K.T.Bondarev, I.V.Malevannyi. Stek.i ker. 13 no.8:27-29 Ag '56.

KOPET DAGH—LEAF MINERS

New leaf rollers (Tortricidae) and leaf miners (Lithocolletoides) from western Kopet-Dag [with summary in German]. V.I.Kuznetsov. Ent.oboz. 35 no.2:447-461 '56.

KOPET DAGH—LEAF ROLLERS

New leaf rollers (Tortricidae) and leaf miners (Lithocolletoides) from western Kopet-Dag [with summary in German]. V.I.Kuznetsov. Ent.oboz. 35 no.2:447-461 '56.

KORDA, SIR ALEXANDER, 1893-1956

English cinematography and its master Alexander Korda. G.Avenarius. Isk.kino no.7:92-101 Jl '56.

KOREA

United front is a guarantee for the victory of the Korean revolution. Kim Ch'ŏn-hae. Nov.Kor. no.8:10-12 Ag '56.

KOREA—DESCRIPTION AND TRAVEL

Korean contrasts. Jan Kříž. Nov.Kor. no.8:34-37 Ag '56.

KOREA—FOREIGN RELATIONS—UNITED STATES

Kim Sung-hwa. [American aggression in Korea [Translated from the Korean]] Amerikanskaia agressiia v Koree. [Perevod s koreiskogo.] Pkhen'ian, Izd-vo "Novaia Koreia," 1956. 121 p.

KOREA—HISTORY

Colonial policy of the Japanese imperialists in Korea (1910-1919). V.I.Shipaev. Uch.zap.Inst.vost. no.15: 179-222 '56.

The nature of social and economic relations in the Silla Kingdom (3rd-8th century A.D.). M.N.Pak. Vop.ist. no.7:49-65 Jl '56.

KOREA—SCALE INSECTS

Data on Coccoidea (Homoptera) of Korea [with summary in English]. N.S.Borkhsenius. Ent.oboz. 35 no.3: 671-679 '56.

KOREA—SOCIAL CONDITIONS

A piece of life. G.Borovik. Ogonek 34 no.36:6 S '56.

KOREA, NORTH

Brief news. Inform.biul.Dep.kul't.sv.s zagr.Min.kul't. i prop.KNDR 4 no.29:8 Jl '56.

Brief news. Inform.biul.Dep.kul't.sv. s zagr.Min.kul't. i prop.KNDR 4 no.32:7-8 Ag '56.

Brief news. Inform.biul.Dep.kul't.sv. s zagr.Min. kul't. i prop. KNDR 4 no.33:3 of cover Ag '56.

Li Et on Korean problems. Nov.vrem. 14 no.40:10-11 S '56.

The new Korea; 11th anniversary of Korea's liberation by Soviet soldiers. Sov.Souiz no.9:39 S '56.

KOREA, NORTH—AGRICULTURE, COOPERATIVE

Unforgettable. Hong Gi-sŏn. Nov.Kor. no.8:21-23 Ag '56.

KOREA, NORTH—CHORAL SOCIETIES, RUMANIAN

Concerts of the Rumanian "Sky lark" ensemble. Nov. Kor. no.8:47 Ag '56.

KOREA, NORTH—CHORAL SOCIETIES, RUSSIAN

Concerts of the Russian State Ural Folk Choir. Nov.Kor. no.8:45-46 Ag '56.

KOREA, NORTH—CONCERTS

Concerts of Soviet artists in Korea. Inform.biul.Dep. kul't.sv.s zagr. Min.kul't. i prop.KNDR 4 no.32:3 Ag '56.

KOREA, NORTH—CONSTITUTION

Laws of the new life [with English summary in insert]. G.F.Kim and M.A.Shafir. Sov.vostokoved. no.4:173-178 '56.

KOREA, NORTH—ECONOMIC ASSISTANCE

Help from fraternal peoples. Nov.Kor. no.8:37 Ag '56.

KOREA, NORTH—ECONOMIC CONDITIONS

Economic and cultural construction in the Korean People's Democratic Republic. S.Postnikov. Vest.stat. no.4:60-71 Jl-Ag '56.

Fulfillment of the three-year state plan for restoring the national economy. Inform.biul.Dep.kul't.sv.s zagr. Min.kul't. i prop.KNDR 4 no.29:6-7 Jl '56.

Postwar economic policy of the Korean Labor Party. Chŏn Sae-gi. Nov.Kor. no.8:13-15 Ag '56.

KOREA, NORTH—ECONOMIC POLICY

Industry of the Korean People's Democratic Republic fulfilled the three-year plan ahead of time. Inform. biul.Dep.kul't.sv. s zagr.Min.kul't. i prop.KNDR 4 no.33:6-7 Ag '56.

KOREA, NORTH—FOREIGN ECONOMIC RELATIONS—MONGOLIA

International help of the brotherly Mongolian people. Inform.biul.Dep.kul't.sv.s zagr.Min.Kul't.i prop. KNDR 4 no.29:3 Jl '56.

KOREA, NORTH—FOREIGN ECONOMIC RELATIONS—RUSSIA

Aid from the great Soviet people. Inform.biul.Dep.kul't. sv.s zagr.Min.kul't.i prop.KNDR 4 no.29:2-3 Jl '56.

KOREA, NORTH—FOREIGN RELATIONS

Delegation of the government of the Korean People's Democratic Republic returns home. Inform.biul.Dep. kul't.sv.s zagr.Min.kul't.i prop.KNDR 4 no.29:1 Jl '56.

Friendly visit of the delegation of the government of the Korean People's Democratic Republic to brotherly countries. Inform.biul.Dep.kul't.sv.s zagr.Min.kul't. i prop.KNDR 4 no.29:1-2 Jl '56.

Inviolable friendship and brotherly cooperation. Yi Chŏng-ok. Nov.Kor. no.8:8-9 Ag '56.

Visit of the official delegation of the Korean People's Democratic Republic to fraternal countries. Nov.Kor. no.8:9 Ag '56.

KOREA, NORTH—HISTORY—PERIODICALS

New historical journal in the Korean People's Democratic Republic. M.N.Pak. Sov.vostokoved. no.4:178-180 '56.

KOREA, NORTH—HOLIDAYS

Preparing for the 11th anniversary of the liberation of Korea by the great Soviet Army on August 15. Inform. biul.Dep.kul't.sv.s zagr.Min.kul't.i prop.KNDR 4 no.32:1 Ag '56.

KOREA, NORTH—INDUSTRIES

Welcoming the national holiday. Inform.biul.Dep.kul't. sv. s zagr.Min.kul't. i prop. KNDR 4 no.32:4 Ag '56.

KOREA, NORTH—IRRIGATION

Irrigation development in Korea. Geog.v shkole 19 no.4:67 Jl-Ag '56.

KOREA, NORTH—POLITICS AND GOVERNMENT

Eleventh anniversary of the liberation of Korea. Nov. Kor. no.8:3-5 Ag '56.

KOREA, NORTH—PRICES

Resolution of the cabinet of ministers of the Korean People's Democratic Republic on the lowering of state retail prices on consumers' goods. Inform. biul. Dep.kul't.sv.s zagr.Min.kul't. i prop. KNDR 4 no.33:5-6 Ag '56.

KOREA, NORTH—RECONSTRUCTION

Cities rise from ruins. Kim Chŏng-hi. Nov.Kor. no.8: 31-33 Ag '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Arrival of a group of Czechoslovak artists in Korea. Inform.biul.Dep.kul't.sv. s zagr.Min.kul't. i prop. KNDR 4 no.32:3-4 Ag '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH GERMANY, EAST

Gift from German friends. L.Pochivalov. Pioner no.9: 34-36 S '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH JAPAN

Japanese visitors in Korea. Inform.biul.Dep.kul't. sv.s zagr.Min.kul't.i prop.KNDR 4 no.29:4-5 Jl '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH MONGOLIA

Mongolian cultural delegation in Korea. Inform.biul. Dep.kul't.sv. s zagr.Min.kul't. i prop. KNDR 4 no.32: 2 Ag '56.

Week devoted to the Korean-Mongolian friendship. Nov.Kor. no.8:46-47 Ag '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH RUSSIA

Telegram to the Central Committee of the Communist Party of the Soviet Union. Inform.biul.Dep.kul't. sv.s zagr.Min.kul't. i prop.KNDR 4 no.33:1 Ag '56.

Telegram to the leaders of the government of the U.S.S.R. Inform.biul.Dep.kul't.sv. s zagr.Min.kul't. i prop. KNDR 4 no.33:1-2 Ag '56.

KOREA, NORTH—SPORTS

Sports. Nov.Kor. no.8:50 Ag '56.

KOREA, NORTH—WAGES

Resolution of the cabinet of ministers of the Korean People's Democratic Republic on the increase in wages of workers, specialists and employees. Inform.biul. Dep. kul't.sv. s zagr.Min.kul't. i prop. KNDR 4 no. 33:5 Ag '56.

KOREA, SOUTH

South Korea today. Inform.biul.Dep.kul't.sv. s zagr. Min.kul't. i prop. KNDR 4 no.33:8 Ag '56.

KOREA, SOUTH—DEFENSES

Situation in South Korea. Mezhdunar.zhizn' no.9:125-126 S '56.

KOREA, SOUTH—POLITICS AND GOVERNMENT

Another demonstration against the fascist regime. Nov. Kor. no.8:30 Ag '56.

Collapse of Syngman Rhee's supporters. Hong Son-gu. Nov.Kor. no.8:29-30 Ag '56.

KOREA, SOUTH—SOCIAL CONDITIONS

Population of South Korea in the grip of poverty and disenfranchisement. Inform.biul.Dep.kul't.sv. s zagr.Min.kul't. i prop.KNDR 4 no.32:6-7 Ag '56.

KOREA, SOUTH—TEMPLES, BUDDHIST

South Korea today. Inform.biul.Dep.kul't.sv.s zagr. Min.kul't.i prop.KNDR 4 no.29:7-8 Jl '56.

KOREAN LITERATURE—HISTORY AND CRITICISM

Modern Korean literature. Kim Chin-jun. Vichyzna 24 no.9:161-170 S '56.

KORNILOVICH, ALEKSANDR OSIPOVICH, d.1795-1833

The Decembrist A.O.Kornilovich and the archaeographer P.M.Stroev. A.G.Grum-Grzhimailo. Ist.arkh. no.4: 255-259 Jl-Ag '56.

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

First public declaration of V.G.Korolenko. A.V. Khrabrovitskii. Izv.AN SSSR.Otd.lit.i iaz. 15 no.4: 374-375 Jl-Ag '56.

V.G.Korolenko on the editorial board of "Severnyi Vestnik" and "Russkaia Mysl'." B.D.Letov. Vest. Len.un. 11 no.14:111-117 '56.

KOROLEV, N.F.

Annals of heroic days ("Sons of the people." N.F.Korolev. Reviewd by S.Aleksandrovich.). Belarus' 13 no.9:30 S '56.

KOROTKOV, KONSTANTIN NIKOLAEVICH, 1890-1954

In memory of Professor K.N.Karatkov (1890-1954; obituary. Vestsi AN BSSR.Ser.fiz.-tekh.nav. no.1:136-137 '56.

KOSTROMA—COOPERATIVE SOCIETIES
At the session of a district soviet. S. Stepin. Prom. koop. no. 8:27 Ag '56.

KOSTROMA—TECHNICAL LIBRARIES
Dissemination of technical progress. V. E. Plekhanov. Tekst. prom. 16 no. 8:56-57 Ag '56.

KOSTYUKOVICHI DISTRICT—LIME
Soil liming practices of collective farms in the area served by the Selotskoye Machine-Tractor Station. K. I. Geideko. Ud. i ur. 1 no. 7:28-33 Jl '56.

KOTOV, VLADIMIR
New books ("Summer days," Vl. Kotov; "Aleksandr Evgen'evich Fersman," O. Pisarzhevskii. Reviewed by Vl. Liubovtsev, B. Rosen). Smena 33 no. 11:20-21 Je '56.

KOTOVKA DISTRICT—ROAD CONSTRUCTION
Road construction in the Kotovka district. I. I. Korobka, A. K. Mas'ko. Avt. dor. 19 no. 6:30 Ag '56.

KOTOVSK DISTRICT—FERTILIZERS AND MANURES
What collective farms of Kotovsk District gained from the wide use of local fertilizers. F. F. Stengach. Ud. i ur. 1 no. 7:10-14 Jl '56.

KOTOVSKII, GRIGORII IVANOVICH, 1881-1925
Soldier of the revolution (on the 75th anniversary of G. I. Kotovskii's birth). M. Palant. Voen. znan. 31 no. 6:30 Je '56.

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913
Bard of the Ukraine; from the reminiscences of Ostap Lysenko. Ukraina no. 19:18-20 O '56.

KOVEL' DISTRICT—PASTURES AND MEADOWS
Characteristics of natural forage lands of Kovel' District, Volyn' Province. E. I. Shishova. Dop. ta pov. L'viv. un. no. 5, pt. 2:12-15 '55.

KOZLANIUK, PETRO STEPANOVYCH, 1904-
Petro Kozlaniuk's satire ("Rats in a barrel"); satire and humor. Petro Kozlaniuk. Reviewed by Dmytro Shlapak). Vitchyzna 24 no. 10:182-185 O '56.

KOZLOVSKA DISTRICT—COLLECTIVE FARMS
Problems in the system of labor and wages on collective farms. M. Kolosov. Sots. sel'khoz. 27 no. 6:42-46 '56.

KRACHKOVSKII, IGNATII IULIANOVICH, 1883-1951
My recollections of Academician I. IU. Krachkovskii. K. V. Ode-Vasil'eva. Palest. sbor. no. 2:127-136 '56.

KRAMATORSK—STEEL CASTINGS
Casting of special steel cylinders. A. V. Kiselev. Lit. proizv. no. 8:1-4 Ag '56.

KRAMATORSK—TECHNICAL EDUCATION
Lectures about modern technology. V. Solohub. Sots. kul't. 10 no. 9:10-12 S '56.

KRAMSKOI, IVAN NIKOLAEVICH, 1837-1887
Moscow. Gosudarstvennaia Tret'iakovskaia gallereia. [Drawings and watercolors: V. G. Perov, N. I. Kramskoi, V. V. Veroshchagin] Risunok i akvarel': V. G. Perov, I. N. Kramskoi, V. V. Veroshchagin. Moskva, Iskusstvo, 1955. 131 p., 70 plates.
(CLU)

KRASAVINO—LINEN
Peroxide bleaching of linen yarn. A. S. Komilova. Tekst. prom. 16 no. 6:53-54 Ag '56.

KRASHENINNIKOV, STEPAN PETROVICH, 1711-1755
S. N. Krasheninnikov, explorer of Kamchatka. N. N. Stepanov. Trudy Inst. etn. 30 no. 1:111-136 '56.
Second centennial observance of the death of Academician S. P. Krasheninnikov. G. S. Tikhomirov. Vop. ist. est. i tekh. no. 1:316-318 '56.

KRASNODAR—AGAVE
Blooming agave. P. Chumak. Ogonek 34 30:32 S '56.

KRASNODAR TERRITORY—EURYGASTERS
Protect crops against shield bugs. A. A. Troffimova, V. P. Viazovets, I. T. Grigorenko. Zashch. rast. ot vred. i bol. 1 no. 2:38-40 My-Je '56.

KRASNODAR TERRITORY—FARM MECHANIZATION—STUDY AND TEACHING
Training grounds. A. Derikoshma. Prof.-tekh. obr. 13 no. 7:19-21 Jl '56.

KRASNOGRAD DISTRICT—COLLECTIVE FARMS
Red fields; notes of a collective farm leader. Hryhorii Komliev. Vitchyzna 24 no. 9:86-107 S '56.

KRASNOKHOLM DISTRICT—AGRICULTURAL CHEMISTRY
Work of the Agrochemical Laboratory of the Krasnokholm Machine-Tractor Station. K. I. Antonova. Ud. i ur. 1 no. 8:56 Ag '56.

KRASNOURAL'SK—FLOTATION
Experimental use of butyl aerofloat SK. A. K. Lifshits, K. M. Madiev. TSvet. met. 29 no. 8:10-13 Ag '56.

KRASNOYARSK—CITY PLANNING
Construction errors in the city of Krasnoyarsk. N. Solofnenko. Arkhit. SSSR no. 7:34-35 '56.

KRASNOYARSK—ORE DRESSING
Separation of magnesite and dolomite ores in heavy fluids. S. G. Evstovich. Gor. zhur. no. 8:14-17 Ag '56.

KRASNOYARSK HYDROELECTRIC POWER STATION
Communications workers serve the builders of the Krasnoyarsk Hydroelectric Power Station. G. N. Sharoglazov. Vest. sviazi 16 no. 8:19 Ag '56.

KRASNOYARSK TERRITORY—COMMUNITY CENTERS
On the banks of the Yenisey River. V. Skugorov. Klub 6 no. 9:4-5 S '56.

KRASNOYARSK TERRITORY—DESCRIPTION AND TRAVEL
A rich land. G. Sidorov. Smena 33 no. 16:7-9 Ag '56.

KRASNOYARSK TERRITORY—ECONOMIC CONDITIONS
The party is calling you. N. N. Organov. Mol. kolkh. 23 no. 6:1-2 Ag '56.

KRASNOYARSK TERRITORY—STATE FARMS
Bearing the name of the 20th Congress. Mikhail Starodubtsev. Mol. kolkh. 23 no. 8:4 Ag '56.

KRASNOYARSK TERRITORY—WATER—POLLUTION
Case of water supply pollution by filamentous bacteria. L. S. Gurvich. Gig. i san. 21 no. 9:68 S '56.

KRAUZ, ALEKSEI ANTONOVICH, 1869-1931
Alekseĭ Antonovich Krauz, 1869-1931. Ved. i san. tekh. no. 7:19-20 Jl '56.

KRAVETS, TORICHAN PAVLOVICH, 1876-1955
T. P. Kravets; obituary. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:133-135 Mr-Ap '56.

KRESOL see Cresol

KRIVOSHCHEKOV, LEONID
A poet's second book ("Near old poplars." Leonid Krivoshchekov. Reviewed by A. Bragin). Sov. Kazakh. 22 no. 7:119-121 Jl '56.

KRIVOY ROG—CITY PLANNING
Designing and construction of a settlement for the Krasnogvardeyskaya group of the Krivoy Rog ore mines. M. Sival'n'ov. Arkhit. i stroi. 4 no. 3:8-10 My-Je '56.

KRIVOY ROG—IRON MINES AND MINING
Opening and development of new levels in the Krivoy Rog iron ore mining basin. S. P. Zhuravlev. Gor. zhur. no. 9:19-22 S '56.

KRIVOY ROG—IRON OXIDES
Hydration of iron-oxides and their transformation into hydroxides (Illustrated by data from Krivoy Rog). IU. IU. IUrk. Dokl. AN SSSR 109 no. 1:144-147 Jl-Ag '56.

KRIVOY ROG—LABOR AND LABORING CLASSES—DWELLINGS
Designing and construction of a settlement for the Krasnogvardeyskaya group of the Krivoy Rog ore mines. M. Sival'n'ov. Arkhit. i stroi. 4 no. 3:8-10 My-Je '56.

KRIVOY ROG—MINE DUSTS
Il'enko, V. G. [Measures for dust control in mining Krivoy Rog mines] Protivopyl'nye meroprilitiia pri prokhodke gornykh vyrabotok v Krivorozhskom basseine. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 68 p.

KRIVOY ROG—MINING MACHINERY
Some aspects of technical progress in mining machine building. I. A. Begagoen, V. V. Osmolovskii, S. F. Babenko. Gor. zhur. no. 8:43-48 Ag '56.

KRIVOY ROG—MYSIDAE
Introduction of Mysidae (Crustacea) as a food for fishes in reservoirs and other bodies of water in the Krivoy Rog Basin [with English summary in insert]. P. A. Zhuravel'. Zool. zhur. 35 no. 8:1131-1138 Ag '56.

KRIVOY ROG—ROCKS, IGNEOUS
Igneous rocks in the pebble conglomerates of the lower beds of the Krivoy Rog metamorphic series. B. I. Goroshnikov. Dokl. AN SSSR 109 no. 1:169-172 Jl-Ag '56.

KRIVOY ROG—SINTERING
Steps to improve the quality of sinter. M. E. Riabchii and others. Metallurg no. 9:7-9 S '56.

KRONSTADT—REVOLUTION, 1917-1921
[The Kronstadt uprising; 1921-1956] Kronshtadtskoe vosstanie; 1921-1956. [Berlin] Izd. TSentral'nogo ob"edineniia poslevoennykh emigrantov iz SSSR, [1956] 40 p.

KROPYVNYTS'KYI, MARKO LUKYCH, 1841-1910
Bard of the Ukraine; from the reminiscences of Ostap Lysenko. Ukraina no. 19:18-20 O '56.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939
A deep humanity. A. Kravchenko. Sots. obesp. 17 no. 5/6:13-15 My-Je '56.
"Selected educational works." N. K. Krupskaia. Reviewed by E. P. Eremina. Sov. pedag. 20 no. 9:118-123 S '56.

KRYLOV, ALEKSEI NIKOLAEVICH, 1863-1945
Shtreich, S. IA. [Aleksei Nikolaevich Krylov; a sketch of his life and work] Aleksei Nikolaevich Krylov; ocherk zhizni i deiatel'nosti. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 231 p.

KRYLOV, IVAN ANDREEVICH, 1768-1844
From biographical materials on I. A. Krylov's parents. A. V. Desnitskii. Uch. zap. Ped. inst. Gerts. 120: 231-242 '55.
I. A. Krylov, the author of "The coffee grinder" and theatrical life in Tver' in the 1770's and 1780's. A. V. Desnitskii. Uch. zap. Ped. inst. Gerts. 120:135-150 '55.

KRYMOV, IURII SOLOMONOVICH, 1903-1941
In a writers footsteps ("IUrii Krymov." Pavel Gromov. Reviewed by I. Eventov). Zvezda no. 10:177-179 O '56.

KRYZHOPOL' DISTRICT—AGRICULTURE—ECONOMIC ASPECTS
Lowering expenditures per centner of production. V. Bolchuk. Sots. sel'khoz. 27 no. 6:36-41 '56.

KUASHEV, BETAL
Contemporaries ("Salam; collection of poems." Betal Kuashev. Book review). Druzh. nar. no. 9:182-183 S '56.

KUBA, LUDVIK, 1863-
History of Russian-Czech musical ties. Slaviane no. 10:50 O '56.

KUBAN—CORN (MAIZE)
Cultivation of corn plantings in the Kuban. B. T. Revin. Kukuruza 1 no. 3:19-22 Je '56.
Useful pamphlet ("Effective methods for raising corn on Kuban state farms." G. Khitrykh. Reviewed by V. S. Supranovich). Sovkhoz. proizv. no. 9:79-80 S '56.

KUBAN—SAINFOIN
Effectiveness of sainfoin fallows in the central and northeastern regions of the Kuban. V. S. Kosinskii. Dokl. Akad. sel'khoz. 21 no. 9:21-23 '56.

KUBAN—SPRAYING AND DUSTING
Airplane dusting of grain in Kuban. I. A. Sytyi. Zashch. rast. ot vred. i bol. 1 no. 2:25-27 My-Je '56.

KUBAN—STATE FARMS
Some problems in increasing the productivity of labor on Kuban state farms. A. K. Il'ichev, IA. M. Doroshenko. Sovkhoz. proizv. no. 9:7-10 S '56.

KUBAN—SWINE
Let's turn the Kuban into a pork factory. B. F. Petukhov. Svinovodstvo no. 3:5-8 My '56.

KUBAN—WHEAT
Effectiveness of sainfoin fallows in the central and northeastern regions of the Kuban. V. S. Kosinskii. Dokl. Akad. sel'khoz. 21 no. 9:21-23 '56.

KULESHOV, PAVEL NIKOLAEVICH, 1854-1936
P. N. Kuleshov's works in veterinary medicine. V. M. Koropov. Veterinariia 33 no. 9:80-84 S '56.

KULUNDA—FARM PRODUCE—TRANSPORTATION
New life at Kulunda; a sketch. G. Paderin. Nov. Sib. 32:236-252 '55.

KULYAB PROVINCE—CAVES
Results of exploring caverns in the vicinity of Kulyab. N. N. Ershov. Dokl. AN Tadzh. SSR no. 1:48-50 '56.

KUNANBAEV, ABAI, 1845-1904
"Abai Kunanbaev's philosophy." K. Beisembiev. Reviewed by Kh. Sultanshaliev. Komm. Kazakh. 26 no. 9:61-64 S '56.
"The world view of Abai Kunanbaev." K. Beisembiev. Book review. Druzh. nar. no. 9:183-184 S '56.

KUNASHIR ISLAND—SPRINGS
Adaptability of steam- and hydrothermal phenomena to eruptive disturbances on Kunashir Island. E. K. Markhinin. Biul. Vulk. sta. no. 24:39-40 '56.

KUNGUR—STONECUTTING
Machine treating of stone. I. Usov. Prom. koop. no. 8: 14-15 Ag '56.

KUO LIN-CH'UAN
Kuo Lin-Ch'uan, the Chinese capitalist. V zashch. mira no. 64:50-56 S '56.

KUPALA, IANKA, pseud. see Lutsevich, Ivan Dominikovich, 1882-1942

KURA LOWLAND—PETROLEUM GEOLOGY
Conditions of formation and oil-bearing possibilities of the Apsheron stage in the lower Kura Lowland. G. A. Akhmedov, S. G. Salaev, S. M. Aliev. Azerb. neft. khoz. 35 no. 3:1-6 Mr '56.

KURA LOWLAND—SHEEP—DISEASES
Acute fascioliasis in the Mugan Lowland in the Azerbaijan S.S.R. K.Sh.Gadzhiev. Veterinariia 33 no.10: 61 O '56.

KURDISH LANGUAGE—DIALECTS—TEXTS
Examples of the dialect of the Kurds of Soviet Azerbaijan. B.V.Miller. Trudy Inst.iaz. 6:343-355 '56.

KURDISH LANGUAGE—MORPHOLOGY
Grammatical outline of the Kurdish language. I.I.TSukerman. Trudy Inst.iaz. 6:5-56 '56.

KURGAN—FRIT FLIES
Data on the fauna and ecology of frit flies (Diptera, Chloropidae) in the vicinity of Kurgan. E.P.Narchuk. Ent.oboz. 35 no.1:132-138 '56.

KURGAN PROVINCE—WHEAT
What has been gained from the use of T.S.Mal'tsev's tillage and sowing systems. V.G.Desiatov. Sovkhoz. proizv. no.9:31-34 S '56.

KURSK, BATTLE OF
Selivanov, Fedor. [The battle of Kursk] Kurskaia bitva. Moskva, Gos. Izd-vo polit. lit-ry, 1956, 183 p.

KURSK PROVINCE—ARCHITECTURE
The Mar'ino country seat. S.Fedorov, V.Gabel', Arkhit.SSSR no.8:43-44 '56.

KURUIL VALLEY—PALEONTOLOGY, STRATIGRAPHIC
Silurian deposits of the Kuruil Valley in the Southern Urals. O.B.Bondarenko, B.M.Keller. Izv.AN SSSR. Ser.geol. 21 no.7:90-94 Jl '56.

KUSTANAY PROVINCE—BERRIES
Generous soil. F.Kuz'michev. Ogonek 34 no.39:32 S '56.

KUSTANAY PROVINCE—BOTANY
Supplementary data on boreal elements in the flora of central Kustanay Province. A.G.Voronov. Biul.MOIP, Otd.biol. 61 no.3:91-92 My-Je '56.

KUSTANAY PROVINCE—BUILDING MATERIALS
House made out of reed pressboard. Ogonek 34 no.39: 12 S '56.

KUSTANAY PROVINCE—HARVESTING
From the entire country. S.Fridtland. Ogonek 34 no. 39:13-13c S '56.

KUSTANAY PROVINCE—IRON MINES AND MINING
Rudnogorsk, golden ground. O.Matskevich. Sov.' Kazakh. 22 no.7:3-12 Jl '56.

KUSTANAY PROVINCE—KINDERGARTEN
Kustanay old-timers. S.Osipov. Ogonek 34 no.39:23 S '56.

KUSTANAY PROVINCE—RECLAMATION OF LAND
A visitor from France on virgin lands. Ogonek 34 no.38:7 S '56.

KUTUZOV, MIKHAIL ILLARIONOVICH, 1745-1813
A new volume ("Collection of documents," vol.4. M.I. Kutuzov. Reviewed by V.I.Vlalikov). Ist.arkh. no. 4:272-277 Jl-Ag '56.

KUYBYSHEV—CHESS—TOURNAMENTS
Chess tournament of producers' cooperatives. P.Derbenev, Prom.koop. no.8:37 Ag '56.

KUYBYSHEV DISTRICT (TAJIKISTAN)—RECLAMATION OF LAND
Measures for combating swamping and alkalinity of land in the Shirobad irrigation system. G.IU.Sheinkin Izv.Otd.est.nauk AN Tadzh.SSR no.12:79-94 '55.

KUYBYSHEV HYDROELECTRIC POWER STATION
Technological analysis of different designs of basic units and some parts of turbines in the Kuybyshev hydroelectric power plant. Z.M.Gamza. Energomashinostroenie no.7:17-23 Jl '56.

KUYBYSHEV PROVINCE—ANTIQUITIES
Kuybyshev archaeological expedition of 1954. N.IA. Merpert, A.P.Smirnov. Krat.soob.IIMK no.65: 77-87 '56.

KUYBYSHEV PROVINCE—INDUSTRIAL SAFETY
For adherence to principles and fighting spirit. Pavel Fedorov. Sov.profsoiuzy 4 no.8:46-47 Ag '56.

KUYBYSHEV PROVINCE—JOURNALISM
It isn't really necessary to mention progressive districts. Part.zhizn' no.16:69 Ag '56.

KUYBYSHEV PROVINCE—LABOR PRODUCTIVITY
Beginning of an important undertaking. Nikolai Zhuravkov. Sov.profsoiuzy 4 no.8:41-43 Ag '56.
For adherence to principles and fighting spirit. Pavel Fedorov. Sov.profsoiuzy 4 no.8:46-47 Ag '56.
In the shortened schedule time. Aleksandra Kozlova. Sov.profsoiuzy 4 no.8:39-41 Ag '56.
Some conclusions. Sov.profsoiuzy 4 no.8:50-52 Ag '56.

KUYBYSHEV PROVINCE—RETAIL TRADE
For the benefit of consumers. Mariia Pasternak. Sov. profsoiuzy 4 no.8:49-50 Ag '56.

KUYBYSHEV PROVINCE—STATE FARMS
Fulfill the five-year plan in 4 years. Ol'ga Fedotenkova. Sov.profsoiuzy 4 no.8:47-49 Ag '56.

KUYBYSHEV PROVINCE—THERAPEUTICS—SOCIETIES
Activities of the Kuybyshev Province branch of the All-Union Scientific Society of Therapeutists in 1955. N.E. Kavetskii. Terap.arkh. 28 no.5:87 '56.

KUYBYSHEV PROVINCE—TRADE UNIONS
In a trade-union group of young workers. Liudmila Kudakova. Sov.profsoiuzy 4 no.8:44-45 Ag '56.
Some conclusions. Sov.profsoiuzy 4 no.8:50-52 Ag '56.

KUYBYSHEV RESERVOIR—HUNTING
Hunting grounds of the Kuybyshev Reservoir. D.Aspisov. Okh.i okh.khoz. no.9:14-15 S '56.

KUZ'MYCH, KONSTANTYN MYKHAILIVYCH, 1896-1954
Kostiantyn Mykailovych Kuz'mych. Dial.biul. no.5: 79 '55.

KUZNETSK BASIN—BOILERS
More attention to boiler installations in mines. P.Butakov. Mast.ugl. 5 no.9:26 S '56.

KUZNETSK BASIN—COAL MINES AND MINING
One should look forward. I.Zubakov. Mast.ugl. 5 no.9:26 S '56.
Vorob'ev, B.M., and V.F.Krylov. [Generalization of the experience of leading crews using the layer system of mining with back filling; the I.V.Stalin mine of the "Kuzbassugol'" combine] Obobshchenie opyta peredovykh brigad po osvoeniiu sloevykh sistem razrabotki s zakladkoi; shakhta im. I.V.Stalina kombinata "Kuzbassugol'." Moskva, Ugletekhizdat, 1956. 48 p.

KUZNETSK BASIN—COAL MINING MACHINERY
Contribution by efficiency workers of the Leninsk mine. I.Luk'ianenko, V.Sizov. Mast.ugl. 5 no.9:20-22 S '56.
High-speed mine workings in the Kuznetsk Basin with the IA.IA.Gumennik's PKG-2 cutter loader. M.S.Koval'chuk. Ugol' 31 no.8:15-18 Ag '56.

KUZNETSK BASIN—ECONOMIC POLICY
"Kuznetsk Basin during the sixth five-year plan," Reviewed by I.Matveev. Part.zhizn' no.15:71-73 Ag '56.

KUZNETSK BASIN—GEOGRAPHY
A new geographical map, "Kuznetsk Basin." Reviewed by I.V.Zykov. Izv.Vses.geog.ob-va 88 no.4:396-397 Jl-Ag '56.

KUZNETSK BASIN—GEOLOGY
Soveshchanie po stratigrafii uglenosnykh otlozhenii, 2d, 1956. [Problems in the geology of the Kuznetsk Basin] Voprosy geologii Kuzbassa. Moskva, Ugletekhizdat, Vol. 1, 1956. 248 p.

KUZNETSK BASIN—MINE PUMPS
The operation of automatic bilge pumps in the Kuznetsk Basin. S.S.Bogutskii, L.I.Tarasevich. Mekh.trud. rab. 10 no.9:18-19 S '56.

KUZNETSK BASIN—RAILROADS
Prospective development of the railroad system in the Kuznetsk Basin. P.L.Sarantsev. Zhel.dor.transp. 38 no.9:45-48 S '56.

KUZNETSK BASIN—STRIP MINING
Strip mining in the Kuznetsk Basin. N.Lindenau. Mast. ugl. 5 no.9:3-5 S '56.

KYZYL—THEATER
Far and near; notes on the Tuva National Theater. IUr.Altanskii. Teatr 17 no.8:87-96 Ag '56.

KZYL-ORDA PROVINCE—AZOTOBACTER
The distribution of azotobacter in some soils of the Kzyl-Orda irrigation system. Sh.A.Chulakov. Vest.AN Kazakh.SSR 12 no.9:38-44 S '56.

KZYL-TUMSHUKSKIY—PETROLEUM—ANALYSIS
Study of the petroleum high molecular weight compounds. Article 6; Composition and properties of the tarry portion of Kzyl-Tumshukskiy petroleum. S.R.Sergienko, V.P.Chaiko, Z.A.Rumiantseva. Trudy Inst.neft. 8:52-59 '56.

LABOR, COMPLICATED
Late results of suturing cervical tears during labor [with summary in English]. IA.E.Krivitskii, T.N. Uzbekova. Vop.onk. 2 no.3:351-353 '56.
Nikolaev, A.P. [Weakness in labor and its treatment] Slabost' rodovoi deiatel'nosti i ee lechenie. Kiev, Gos.med.izd-vo USSR, 1956, 96 p. (Biblioteka prakticheskogo vracha)
(DAFM)

LABOR, HOURS OF see Hours of labor

LABOR AND LABORING CLASSES
(see also subdivision under Burma; Donets Basin; Germany, West; Gold Coast; Great Britain; Hungary; Indonesia; Japan; Malaya; Tunisia; United States)
Answers to readers' questions. Sov.profsoiuzy 4 no.7: 66-71 Jl '56.
For the welfare of the Soviet man. Sots.obesp. 17 no.4:1-3 Ap '56.
Garbuzov, S.E. [The worker's labor honor] O trudovoi chesti rabochego. Moskva, Gospolitizdat, 1956. 31 p.
In the interest of truth. Sov.profsoiuzy 4 no.7:73-77 Jl '56.
Recorded dialogue. E.Pletnev. Nov.vrem. 14 no.41: 7-10 O '56.
Veterans of labor and the Revolution talk. A.Gur'ianov. Sots.obesp. 17 no.5/6:8-12 My-Je '56.

LABOR AND LABORING CLASSES—ACCIDENTS see Industrial accidents

LABOR AND LABORING CLASSES—DWELLINGS see subdivision under Krivoy Rog

LABOR AND LABORING CLASSES—HISTORY
Ivan Franko on the struggle of workers during the time of capitalism. S.N.Filipova. Nauk.zap.Inst.lat.AN URSR 8:80-90 '56.

LABOR AND LABORING CLASSES—MEDICAL EXAMINATIONS
(see also subdivision under Kalinin Province; Yamal-Nenets National Arin)
An interesting discussion. V.Medvedev. Sots.obesp. 17 no.5/6:44 My-Je '56.

LABOR AND LABORING CLASSES—RECREATION
Piskarev, K.N. [Day of rest; experience in organizing the Sunday rest of workers] Den' otdykha; iz opyta organizatsii voskresnogo otdykha trudiashchikhsia. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 46 p.

LABOR AND LABORING CLASSES—WAGES see Wages

LABOR LAWS AND LEGISLATION
(see also subdivision under Australia)
Karinskii, S.S. [Encouragement of valiant labor in Soviet legislation] Pooshchrenila za doblestnyi trud po sovetskomu zakonodatel'stvu. Moskva, Izd-vo "Znanie," 1956. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 30)
The legal status of trade-union organizations in the U.S.S.R. IA.L.Kiselev. Sov.gos.i pravo no.4:61-72 '56.
Marxist classics on the legislative protection of labor under capitalism. V.M.Dogadov. Uch.zap.Len.un. no.166:220-251 '48.
Soviet labor law and the Great Patriotic War. IA.I. Davidovich. Uch.zap.Len.un. no.166:252-277 '48.
Strengthen work discipline tirelessly. I.Semenov. Sov. profsoiuzy 4 no.7:10-19 Jl '56.

LABOR PASSPORTS
Kaftanovskaia, A.M., and V.I.Nikitskii. [Workbooks of workmen and employees] Trudovye knizhki rabochikh i sluzhashchikh. Izd. 2-oe. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 36 p.
The workbook is a fundamental document. P.Mazurets. Sots.obesp. 17 no.4:9-10 Ap '56.

LABOR PRODUCTIVITY
(see also subdivision under Kuybyshev Province)
Carry out the eight hour work quota in seven hours. N.Vasil'ev. Sov.profsoiuzy 4 no.8:18-19 Ag '56.
Complete utilization of potentialities available in blast plants. A.I.Naprasnikov. Stal' 16 no.8:738-739 Ag '56.
Determining labor expended per unit of production. A.K. Kniazev, A.P.Leonikin. Khim.prom. no.3:163-166 Ap-My '56.
Discussion of labor productivity in agricultural journals. Sel'khoz.Kazakh. no.4:61-63 Ap '56.
From the editor's mail. Sots.trud. no.8:105-108 Ag '56.
Increase in every way possible the productivity of labor in poultry husbandry. Ptitsevodstvo 6 no.9:3-6 S '56.
Labor productivity in the sixth five-year plan. Leg. prom. 16 no.7:1-3 Jl '56.
Methods for increasing labor productivity in construction. I.Z.Barch. Strol.prom. 34 no.8:8-13 Ag '56.
Problems in the system of labor and wages on collective farms. M.Kolosov. Sots.sel'khoz. 27 no.6:42-46 '56.
The productivity of communal work and problems in its measurement and planning. A.Notkin. Vop.ekon. no.9:3-18 S '56.
The question is one of inertness rather than space, Comrade Novikov. I.Resheteliak. Sots.trud. no.8: 102-103 Ag '56.
Readers' response to the article "Methods for calculating labor productivity on state farms." Sovkhoz.proizv. no.9:24-27 S '56.

LABOR PRODUCTIVITY (Continued)
Rely on the experience of the masses. Sots. trud. no. 8: 3-7 Ag '56.

Some problems in increasing the productivity of labor on Kuban state farms. A. K. Il'ichev, IA. M. Doroshenko. Sovkhoz. proizv. no. 9:7-10 S '56.

The value of time. L. Margolin. Mosk. prop. 13 no. 8: 53-58 Ag '56.

LABOR PRODUCTIVITY—STATISTICS
Methods for computing labor productivity. I. Tarasov. Vest. stat. no. 4:43-48 Jl-Ag '56.

LABOR SUPPLY see subdivision under Siberia

LABORATORIES
Mart'ianov, M.M., and others. [Manual for workers in chemical and technological railroad and locomotive depot laboratories] Rukovodstvo rabotnikam dorozhnykh i depovskikh khimiko-tekhnicheskikh laboratorii. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 282 p.

LABORATORIES, CHEMICAL ENGINEERING see Chemical engineering laboratories

LABORATORIES, ENGINEERING see Engineering laboratories

LABORATORIES, METALLURGICAL see Metallurgical laboratories

LACEWING FLIES see subdivision under Asia;

LACQUER AND LACQUERING
Finishing furniture with color lacquer. N. E. Sorokina. Der. prom. 5 no. 9:20 S '56.

LACRYMAL ORGANS—SURGERY
Dacryocystorhinostomy according to clinical materials for the past 12 years (1941-1952). S. G. Popandopulo. Trudy AN Tadzh. SSR 40:119-124 '55.

Method of restoring passage through the lacrymal ducts during interruption following dacryocystorhinostomy L. F. Paradoksov. Trudy AN Tadzh. SSR 40:55-58 '55.

LACTASES
Investigating the lactase activity of Str. lactis. Report no. 1. S. I. Novikova. Mikrobiol. zhur. 18 no. 3:40-44 '56.

LACTATION
The effect of pregnancy and lactation on the evacuation and secretion of the stomach in dogs. S. G. Genes, N. G. Lesnoi. Probl. endok. i gorm. 2 no. 2:88-94 Mr-Ap '56.

Morphology of lactation and formation of fat in cows during various stages of pregnancy. G. G. Tiniakov. Biul. MOIP. Otd. biol. 61 no. 3:107-108 My-Je '56.

LACTIC ACID BACTERIA
Consumption of phosphoric acid by Str. lactis grown on milk. O. IA. Rashba, S. I. Novikova. Mikrobiol. zhur. 18 no. 3:37-39 '56.

Investigating the lactase activity of Str. lactis. Report no. 1. S. I. Novikova. Mikrobiol. zhur. 18 no. 3:40-44 '56.

Investigation of acidophilic bacteria for the production of potato ensilage [with English summary in insert]. M. M. Makarova, A. S. Makhalova. Mikrobiologiia 25 no. 4:478-483 Jl-Ag '56.

New achievements in treating post partum endometritis in cows. V. Baranov. Sovkhoz. proizv. no. 9:72-73 S '56.

Synergism as a factor stimulating the activity of microorganisms used in fermentation industries [with English summary in insert]. O. M. Silishchenskaia. Mikrobiologiia 25 no. 4:471-475 Jl-Ag '56.

LACTOLIDES
Research in the field of cyclic acetals of oxycarbonyl compounds. Part 7. Preparation and properties of methyllactolides of oxoctenol ($\alpha$-methoxy-$\alpha$-tert-butyl-$\beta$,$\beta$-dimethylethylene oxide). T. I. Temnikova, S. S. Skorokhodov. Zhur. ob. khim. 26 no. 7:1897-1901 Jl '56.

LACTONES
Preparation of $\delta$-oxo-$\gamma$-lactones. Part 2 [in Armenian with summary in Russian]. M. T. Dangian, M. G. Zalinian. Nauch. trudy Erev. un. no. 53:15-26 '56.

Preparation of $\delta$-oxy-$\gamma$-lactones. Part 2 [in Armenian with summary in Russian]. M. T. Dnagian, S. V. Arakelian. Nauch. trudy Erev. un. no. 53:3-14 '56.

Research in the stereochemistry of cyclic compounds. Part 12. Stereochemistry of lactones of $\Delta^9$-octalin-1, 2-dicarboxylic acids. I. N. Nazarov, V. F. Kucherov, V. M. Andreev. Izv. AN SSSR. Otd. khim. nauk no. 8: 951-959 Ag '56.

LACTOSE
Consumption of phosphoric acid by Str. lactis grown on milk. O. IA. Rashba, S. I. Novikova. Mikrobiol. zhur. 18 no. 3:37-39 '56.

LADYBIRDS
Hyperaspis campestris Herbst (Coleoptera, Coccinellidae), predator of the elongated scale insect Chloropulvinaria flocciferа Westw. (Homoptera, Coccoidea). N. L. Bogdanova. Ent. oboz. 35 no. 2:311-323 '56.

LAK LANGUAGE—GRAMMAR
"Lak language; phonetics and morphology." L. I. Zhirkov. Reviewed by M. IA. Nemirovskii. Vop. iaz. 5 no. 4:138-141 Jl-Ag '56.

LAKES see subdivision under Kazakhstan

LAKES—TEMPERATURE
Thermal differentiation in salt water lakes. V. V. Egorov. Priroda 45 no. 9:114-116 S '56.

LAMBLIASIS see Giardiasis

LAMBS
Lambs are born during the winter. V. Snegovoi. IUn. nat. no. 6:15 S '56.

LAMELLIBRANCHIATA, FOSSIL
(see also subdivision under Azerbaijan; Transcaucasia)
A new species of Inoceramus. M. M. Aliev. Dokl. AN Azerb. SSR 12 no. 7:463-466 '56.

LAMINATED PLASTICS
Laminated wood plastics with improved water-resistance. L. A. Demidova. Der. prom. 5 no. 9:14-15 S '56.

LAMPREYS
Spawning of the lamprey Lampetra japonica kessleri Anikin. O. I. Semenov-Tian-Shanskii. Zool. zhur. 35 no. 6:937-938 Je '56.

Stimulation of the spawning condition in the male and female Lampetra fluviatilis by the injection of the hypophysis of Cyprinus carpio L. N. P. Lebkova. Dokl. AN SSSR 109 no. 2:411-412 Jl '56.

LAND, RECLAMATION OF see Reclamation of land

LAND TENURE
(see also subdivision under India)
Agrarian program of the Bolsheviks at the time of the first Russian revolution [in Azerbaijani with summary in Russian]. Kh. Aliev. Uch. zap. AGU no. 10:45-56 '55.

The legal nature of feudal land ownership. L. I. Dembo. Uch. zap. Len. un. no. 106:371-391 '48.

LAND VALUATION see Assessment

LANDSCAPE ARCHITECTURE see subdivision under Moscow

LANDSCAPE GARDENING
(see also subdivision under Tashkent)
Landscaping. P. P. Khukhrianskii. Sad i og. no. 8:70-71 Ag '56.

LANDSCAPE PAINTING
Soviet landscape painting. A. Fedorov-Davydov. Iskusstvo 19 no. 5:3-7 '56.

LANDSLIDES
(see also subdivision under Donets Basin)
Technical and geological building conditions of sites situated close to sliding slopes. I. E. Slenzak. Nauk. zap. Kiev. un. 9 no. 10:107-121 '50.

Water-retention capacity of creeping slopes. I. M. Konovalov, A. K. Giul'. Dokl. AN Azerb. SSR 12 no. 9:675-681 '56.

LANGUAGE AND LANGUAGES
(see also subdivision under Poland)
Akademiia nauk SSSR. Otdelenie literatury i iazyka. [To Academician Viktor Vladimirovich Vinogradov on his sixtieth birthday; a collection of articles] Akademiku Viktoru Vladimirovichu Vinogradovu k ego shestidesiatiletiiu; sbornik statei. Moskva, 1956. 311 p.

In the Institute of Linguistics of the Academy of Sciences of the U. S. S. R. E. F. Petrishcheva, V. P. Grigor'ev. Vop. iaz. 5 no. 4:167-169 Jl-Ag '56.

International words. A. A. Beleiskii. Nauk. zap. Kiev. un. 14 no. 2:59-60 '55.

Some aspects of the establishment and development of literary languages under the conditions of feudal society. A. N. Boldyrev. Vop. iaz. 5 no. 4:31-37 Jl-Ag '56.

Some current tasks of present-day Soviet linguistics. Vop. iaz. 5 no. 4:3-13 Jl-Ag '56.

LANGUAGE AND LANGUAGES—ETYMOLOGY
The various types of etymological connections between related languages. A. A. Asmangulian. Dokl. i soob. Inst. iaz. no. 10:20-44 '56.

LANGUAGE AND LANGUAGES—GRAMMAR
Psychological features of the analysis of the grammatical forms of a foreign language while translating. G. G. Saburova. Izv. Akad. ped. nauk RSFSR no. 76:83-100 '56.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING
First steps in revising the teaching of foreign languages. A. Zil'berman. Sred. spets. obr. no. 9:54-55 S '56.

N. G. Chernyshevskii and N. A. Dobroliubov on language and its study. V. I. Masalskii. Nauk. zap. Kiev. un. 14 no. 2:5-38 '55.

Organize foreign language groups. Teatr 17 no. 8:178 Ag '56.

LANTERNS see subdivision under China

LAOS—POLITICS AND GOVERNMENT
Peaceful settlement of problems in Laos. Mezhdunar. zhizn' no. 9:122-123 S '56.

LAPLAND—DESCRIPTION AND TRAVEL
In the land of the midnight sun. J. B. Eggens. V zashch. mira no. 64:57-64 S '56.

LARCENY
Definition of the theft of state and communal property. P. P. Mikhailenko. Nauk. zap. L'viv. un. 27:56-62 '54.

LARCH
Composition of turpentine in Siberian larch. I. I. Bardyshev, L. I. Ukhova, Kh. A. Chorches. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:123-126 '56.

Spacing for air drying of Siberian larch lumber. L. N. Krotov. Der. prom. 5 no. 9:16 S '56.

LARKS
Some data on the nourishment of black (Melanocorypha yeltoniensis Forster, 1767) and crested (Eremophila alpestris L., 1758) larks. L. A. Smogorzhevskii. Nauk. zap. Kiev. un. 12 no. 3:87-89 '53.

LARKSPUR
Study of aconite alkaloids. Part 8. Identity of delpheline with eldeline. A. D. Kuzovkov. Zhur. ob. khim. 26 no. 7:2063-2066 Jl '56.

LARVAE
Description of two species of scarabaeid larvae (Coleoptera, Scarabaeidae). S. I. Medvedev. Ent. oboz. 35 no. 1:148-151 '56.

Migration method of scarabaeid larvae (Coleoptera, Scarabaeidae) in the soil. V. I. Gusev, S. I. Antoniuk. Ent. oboz. 35 no. 1: 56-59 '56.

Study of immature phases of ixodid ticks [with English summary in insert]. P. A. Reznik. Zool. zhur. 35 no. 8:1152-1162 Ag '56.

LARYNX—INNERVATION
Gracheva, M. S. [Morphology and functional significance of innervation of the larynx] Morfologiia i funktsional'noe znachenie nervnogo apparata gortani. Moskva, Gos. izd-vo med. lit-ry, 1956. 161 p.

LATEX
Effect of nonelectrolytes (alcohols) on the rate of styrene polymerization in emulsion and on the dispersion of styrene latexes. T. S. IUrzhenko, A. I. IUrzhenko. Nauk. zap. L'viv. un. 34:15-25 '55.

Latex accumulation in eucommia in various geographical zones. M. S. Kalantyr'. Agrobiologiia no. 4:115-119 Jl-Ag '56.

LATHES
New method for studying the strength of lathes. B. D. Kostrov. Avt. i trakt. prom. no. 7:40-41 Jl '56.

LATIN INSCRIPTIONS see Inscriptions, Latin

LATITUDE VARIATION
The motion of the earth's mean pole. A. E. Filippov. Astron. zhur. 33 no. 3:414-422 My-Je '56.

LATVIA—CORN (MAIZE)
Growing corn in Latvia. P. IUrka. Kukuruza i no. 2: 38 My '56.

LATVIA—FISHERIES
Outstanding production workers of the Mangal'skiy Cannery in the Latvian S. S. R. Ryb. khoz. 32 no. 8: 36-37 Ag '56.

LATVIA—FLAX
Efforts for obtaining high-quality flax. K. F. Davydenko. Len. i konop. no. 4:23-26 Je '56.

Ways of increasing the production of flax in Latvia. J. V. Peive. Len. i konop. no. 3:15-19 My '56.

LATVIA—HEALTH RESORTS, WATERING PLACES, ETC.
Sea-shore near Riga. V. R. Purin, M. I. Rostovtsev. Priroda 45 no. 9:74-80 S '56.

LATVIA—HUNTING—STUDY AND TEACHING
Preparation for the test on minimum requirements for hunters. M. Ingor. Okh. i okh. khoz. no. 9:8-9 S '56.

LATVIA—SHEEP BREEDING
Unused capacities in breeding dual-purpose sheep in the Latvian S. S. R. M. A. Katlaps. Ovtsevodstvo no. 8:20-26 Ag '56.

LATVIA—SPORTS
Preparing for the Spartakiada. L. Glik. Sov. profsoiuzy 4 no. 7:63-64 Jl '56.

LATVIA—TELEPHONE, AUTOMATIC
Introducing semiautomatic equipment in Latvia's inter-urban telephone system. B. K. Naumov. Vest. sviazi 16 no. 8:22-25 Ag '56.

LATVIAN ART INDUSTRIES see Art industries, Latvian

LAUNCHING OF SHIPS see Ships—Launching

LAUNDRIES, PUBLIC see subdivision under Moscow

LAVENDER (PLANT) see subdivision under Crimea

LAVROV, MIKHAIL, 1923-
This is not the limit. Fizk. i sport 26 no. 9:10 '56.

LAW
(see also subdivision under China; Kazakhstan)
Denisov, A.I. [Socialist law] Sotsialisticheskoe pravo. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1955. 66 p.
DS
Legal problems in the organization of scientific work in the U.S.S.R. G.I. Fed'kin. Sov. gos. i pravo no. 4:50-60 '56.
Soviet legality and the role of the Communist Youth League in strengthening it. R. Rakhunov. Mol. komm. 14 no. 9:17-27 S '56.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—DICTIONARIES
"Law dictionary," vols. 1 and 2. 2nd ed. Reviewed by A.N. Iodkovskii. Sov. gos. i pravo no. 6:130-134 '56.

LAW—EXAMINATIONS, QUESTIONS, ETC.
Moscow. Universitet. Kafedra grazhdanskogo prava. [A collection of problems in Soviet civil law; a manual for students] Sbornik zadach po sovetskomu grazhdanskomu pravu; uchebnoe posobie dlia studentov. Moskva.
No. 1. 1955. 30 p.
No. 2. 1955. 51 p.
No. 3. 1955. 41 p.
No. 4. 1955. 47 p.
No. 5. 1955. 45 p.

LAW—HISTORY AND CRITICISM
Study and criticize bourgeois jurisprudence more profoundly. Sov. gos. i pravo no. 4:3-14 '56.

LAW—INTERPRETATION AND CONSTRUCTION
Interpretation of criminal law. M.D. Shargorodskii. Uch. zap. Len. un. no. 166:278-331 '48.
Is the application of analogy by the courts a source of Soviet criminal law? IA.M. Brainin. Nauk. zap. Kiev. un. 7 no. 2:29-44 '48.

LAW—PERIODICALS see subdivision under Bulgaria

LAW—PROCEDURE see Civil procedure; Criminal procedure

LAW—SOURCES
[Monuments of Russian law] Pamiatniki russkogo prava. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 4. [Monuments of law from the period of consolidation of the centralized Russian state, 15th-17th centuries] Pamiatniki prava perioda ukrepleniia russkogo tsentralizovannogo gosudarstva, XV-XVII vv. Pod red. L.V. Cherepnina. 1956. 632 p.

LAW—STUDY AND TEACHING
(see also subdivision under Saratov; Sverdlovsk; Uzbekistan)
At the All-Union Institute of Legal Science. R.F. Kalinstratova. Sov. gos. i pravo no. 4:129-132 '56.
At the Vyshinskii Law Institute of the Academy of Sciences of the U.S.S.R. IU.U. Sov. gos. i pravo no. 4:125-129 '56.
Moscow. Universitet. Kafedra ugolovnogo protsessa. [Manual study methods for practice exercises on the topics "Indictments" and "Cognizance"] Uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po temam: "Predanie sudu" i "Podsudimost'." Moskva, 1955. 22 p.

LAW, ADMINISTRATIVE see Administrative law

LAW, AGRICULTURAL see Agricultural laws and legislation

LAW, CIVIL see Civil law

LAW, COMMERCIAL see Commercial law

LAW, CONSTITUTIONAL see Constitutional law

LAW, CRIMINAL see Criminal law

LAW, INTERNATIONAL see International law

LAW, LABOR see Labor laws and legislation

LAW, MARITIME see Maritime law

LAW, PATENT see Patent laws and legislation

LAW OF SUCCESSION see Inheritance and succession

LAZARCHENKO, GRIGORII DMITRIEVICH, 1914-1956
G.D. Lazarchenko; obituary. Konevodstvo 28 no. 7:47 Jl '56.

LEAD
Arsenate method for iodometric determination of lead using organic solvents. G.B. Shakhtakhtinskii, R.A. Melikova. Trudy Azerb. ind. inst. no. 8:80-87 '54.
Neutralizing the harmful effect of lead in copper and brasses. M.V. Mal'tsev, V.M. Teplinskaia, M.V. Stepanova. TSvet. met. 29 no. 7:68-72 Jl '56.

LEAD—ELECTROMETALLURGY
Treatment of oxidized lead tailings and battery scrap in shaft electric furnaces. P.S. Shesternin. TSvet. met. 29 no. 8:59-66 Ag '56.

LEAD—METALLURGY
Selecting an efficient diagram for the refining of lead. M.M. Lakernik. TSvet. met. 29 no. 9:43-47 S '56.

LEAD ARSENITE—THERAPEUTIC USE
Testing lead arsenite for the treatment of monieziosis in sheep. B.L. Garkavi. Veterinariia 33 no. 9:41-42 S '56.

LEAD INDUSTRY see subdivision under Chimkent

LEAD-MANGANESE-COPPER ALLOYS see Copper-lead-manganese alloys

LEAD MINES AND MINING—HYGIENIC ASPECTS
Experimental observations on the possibility of the development of Ancylostoma larvae in lead mines. V.IA. Kuz'michev. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:107 '56.

LEAD ORES
New method of extracting small quantities of lead. F.E. Starik. Biul. Kom. po opr. abs. vozr. geol. form. no. 1: 45-46 '55.

LEAD ORGANIC COMPOUNDS
Composition and stability of tartrate-lead complex ions. V.E. Panova. Zhur. neorg. khim. 1 no. 3:422-426 Mr '56.

LEAD SALTS
Interaction of potassium and lead titanates and molybdates in melts. I.N. Beliaev, M.L. Sholokhovich, G.V. Barkova. Zhur. neorg. khim. 1 no. 5:1026-1034 My '56.

LEAD SALTS—SPECTRA
Effect of solvents and temperatures on the light absorption of lead salt solutions. M.U. Belyi, A.A. Shishlovskii. Nauk. zap. Kiev. un. 14 no. 8:127-136 '55.

LEAD STANNATE
Problem of lead metastannate $PbSnO_3$. IU.N. Venevtsev, G.S. Zhdanov. Zhur. fiz. khim. 30 no. 6:1324-1326 Je '56.

LEAF BEETLES
New species of leaf beetles of the genus Luperus Geoffr. (Chrysomelidae, Galerucinae). A.V. Bogachev. Dokl. AN Arm. SSR 9 no. 3:131-133 '48.

LEAF HOPPERS
Harmfulness of leafhoppers. V.E. Palii, E.E. Makarenko. Zashch. rast. ot vred. i bol. 1 no. 2:41-42 My-Je '56.

LEAF MINERS see subdivision under Kopet Dagh

LEAF ROLLERS see subdivision under Gissar Valley; Kopet Dagh

LEARNED INSTITUTIONS AND SOCIETIES see subdivision under Georgia

LEARNING, PSYCHOLOGY OF
Kosma, T.V. [Characteristics of the development of thought in students of the younger grades] Osoblyvosti rozvytku myslennia molodshykh klasiv. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 116 p.

LEAST SQUARES
Ushchenko, A.P. [A system of least squares] Sposob naimen'shikh kvadratov. Leningrad, Izd-vo "Morskoi transport," 1956. 163 p.

LEATHER
Finishing chevrette in wet condition. M. Perel'taveig. Prom. koop. no. 8:21 Ag '56.

LEATHER—ELECTRIC PROPERTIES
Determining the moisture content in leather by its electric properties. S.M. Smirnov. Leg. prom. 16 no. 7: 26-30 Jl '56.

LEATHER, ARTIFICIAL see subdivision under Tashkent

LEATHER INDUSTRY
Seminars for foremen in the leather industry. Leg. prom. 16 no. 7:51 Jl '56.

LEATHER SUBSTITUTES
Belts made of synthetic materials. A.I. Pavlov, G.A. Ustinova. Tekst. prom. 16 no. 8:24-26 Ag '56.
Continuous flow production of special cardboard counters and inner soles. A.S. Rovenskii. Leg. prom. 16 no. 7:6-8 Jl '56.

LEAVE WITH PAY see Vacations, Employee

LEAVES
Absorption of light by the leaves of field crops. A.V. Kostin. Izv. TSKhA no. 1:79-94 '56.
Daily rhythm of carbohydrate accumulation in leaves of Primula Moorkroftiana (Wall.) in relation to the developmental phase. R.M. Reinus. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:143-147 '55.
Enzymatic activity of leaves of trees of various ages and the activity modification in case of vegetative propagation. V.O. Kazarian, E.S. Avundzhian. Dokl. AN SSSR 108 no. 5:956-961 Je '56.
Influence of the orientation of the embryonic leaf of a plagiotropic shoot on the growth of leaf lamina [with summary in English]. M.B. Shternberg. Biul. MOIP. Otd. biol. 61 no. 3:61-69 My-Je '56.
Water content of different leaves of the same plant. I.P. Belokon'. Nauk. zap. Kiev. un. 7 no. 9:203-211 '48.

LEAVES—ANATOMY
Development of vascular tissue in wheat and onion leaves. L.P. Chel'tsova. Izv. AN SSSR. Ser. biol. no. 4:74-82 Jl-Ag '56.

LEBANON—HISTORY
The birth of independence ("Evacuation" [in Arabic]. Munir Taqi ed-Din. Reviewed by D. Bashirov). Nov. vrem. 14 no. 38:29-31 S '56.

LEBANON—PETROLEUM—PIPELINES
Rebuff for Iraq Petroleum. Nov. vrem. 14 no. 42:12-13 O '56.

LEBEDEV, MIKHAIL VASIL'EVICH, 1892-1956
Mikhail Vasil'evich Lebedev; obituary. Prom. energ. 11 no. 7:30 Jl '56.

LEBEDEV, PETR NIKOLAEVICH, 1866-1912
Dukov, V.P. P.N. Lebedev. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 117 p. (Klassiki fiziki)

LECTURES AND LECTURING
(see also subdivision under Armenia)
Greater concreteness and clarity in lecture propaganda. A. Mishin. Kommunist 33 no. 13:110-115 S '56.
Machine-tractor-station lecture groups. K. Grishin. Komm. Kazakh. 26 no. 10:29-31 O '56.
Notes on the work of a lecturer. N. Binshtok. Kul't.-pros. rab. 17 no. 9:19-22 S '56.
Reports and travel assignments. Part. zhizn' no. 16:26-30 Ag '56.
What an evening of questions and answers has shown us. I. Romanov. Kul't.-pros. rab. 17 no. 9:14-15 S '56.

LEECHES
Hirudinization in ophtalmology. A.N. Medvedev. Trudy AN Tadzh. SSR 40:141-146 '55.
Useful book ("Medicinal leeches and their use." G.G. Shchegolev, M.S. Fedorova. Reviewed by K.D. Shumskii). Fel'd. i akush. 21 no. 7:62 Jl '56.

LEFT- AND RIGHT HANDEDNESS
Experimental study of right-handedness in the chimpanzee. F.P. Matorov, L.A. Firsov. Dokl. AN SSSR 109 no. 5:1065-1068 Ag '56.
Why and how. Pioner no. 10:72-73 O '56.

LEG—TUMORS
A case of myxoma of the thigh. D.P. Mergol'd. Vop. onk. 2 no. 3:363-364 '56.
Soft tissue fibrosarcoma of the leg stump with regional metastasis [with summary in English]. N.K. Shchukareva. Vop. onk. 2 no. 3:361-363 '56.

LEGAL DOCUMENTS
Documents in Soviet civil law. V.A. Bek. Nauk. zap. L'viv. un. 27:113-114 '54.

LEGAL STATISTICS see Judicial statistics

LEGOSTAEVO DISTRICT—ENCEPHALITIS
Russian tick-borne encephalitis during World War II (1941-1945) in Novosibirsk Province. N.V. Platonov. Med. paraz. i paraz. bol. 25 no. 3:273 Jl-S '56.

LEGUMES
(see also subdivision under Germany, East; Moldavia)
Increase the production of pulse crops. G. Nesterenko, E. Osipova. Kolkh. proizv. 16 no. 8:19 Ag '56.

LEGUMES—DISEASES AND PESTS
Nodule weevils of the genus Sitona Germ. in the fauna of Tajikistan. L.V. Arnol'di. Trudy AN Tadzh. SSR 5:43-44 '52.

LEIBENZON, LEONID SAMUILOVICH, 1879-1951
Life and work of Leonid Samuilovich Leibenzon. V.S. IAblonskii. Trudy MNI no. 10:5-8 '56.
Survey of Academician L.S. Leibenzon's works in the field of petroleum engineering and hydromechanics. I.A. Charnyi. Trudy MNI no. 10:9-13 '56.

LEIPZIG—FAIRS
The fall fair in Leipzig. Leg. prom. 16 no. 7:55 Jl '56.

LEIPZIG—FAIRS (Continued)

Success of the Leipzig Fair. Nov. vrem. 14 no. 38:20 S '56.

LEISHMANIASIS see subdivision under Ashkhabad

LEISURE

A bad book on the workingman's leisure ("After six p. m." M. Kondrashova. Reviewed by A. Berestov). Novyi mir 32 no. 8:259-260 Ag '56.

LEIZERMAN, LEONID IOSIFOVICH, 1896-

Leonid Iosifovich Leizerman; on his 60th birthday. S. N. Pokrovskii. Med. paraz. i paraz. bol. 25 no. 3:274 Jl-S '56.

LEMER, MIKHAIL KONSTANTINOVICH, 1907-1956

In memory of M. K. Lemer. Med. paraz. i paraz. bol. 25 no. 3:287 Jl-S '56.

LENA VALLEY—PALEOBOTANY

Lower Cretaceous flora of the northern part of the Lena Basin. N. D. Vasilevskaia. Dokl. AN SSSR 108 no. 5: 913-915 Je '56.

LENIN, VLADIMIR IL'ICH, 1870-1924

In living contact with the people. V. Karpinskii. Sots. obesp. 17 no. 4:4-6 Ap '56.

Lenin at the time of the Prague Conference. E. P. Onufriev. Slaviane no. 9:16-22 S '56.

Liudvinskaia, T.F. [Great, approachable and plain] Velikii, blizkii i prostoi. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 31)

Moskalev, M.A. [V.I.Lenin during the last years of his life, 1921-1924] V.I.Lenin v poslednie gody zhizni 1921-1924 gg. Moskva, Gos. izd-vo polit. lit-ry, 1956. 99 p.

Publication and distribution of V. I. Lenin's works in China. Sov. knizh. torg. no. 9:22 S '56.

Responsive and cordial. B. Volin. Sots. obesp. 17 no. 4:6-8 Ap '56.

Some aspects of the Leninist philosophical legacy. M. I. Siderov. Uch. zap. Akad. obshchestv. nauk no. 21:3-57 '56.

V. I. Lenin and the production of electric ploughs (1920-1922). P. P. Kovalev. Ist. arkh. no. 4:3-30 Jl-Ag '56.

V. I. Lenin at an electric ploughing demonstration. V. Z. Esin. Ist. arkh. no. 4:173-175 Jl-Ag '56.

V. I. Lenin on democratic and social revolutions as two stages of a single revolutionary process. A. D. Kopteseva. Uch. zap. Akad. obshchestv. nauk no. 21:92-121 '56.

V. I. Lenin's development of the law of the unity and struggle of opposites on the basis of the analysis of the conflicts within imperialism. T. N. Kanova. Uch. zap. Akad. obshchestv. nauk no. 21:68-91 '56.

V. I. Lenin's last underground period. M. V. Fofanova. Ist. arkh. no. 4:166-172 Jl-Ag '56.

LENIN LAKE—COAST CHANGES

Coastal changes on Lenin Lake and prospects for coastal changes on Kakhovka Reservoir. A. M. Bezuglyi. Nauk. zap. Kiev. un. 12 no. 4:49-57 '53.

LENIN PRIZES

Lenin prizes. Ogonek 34 no. 38:7 S '56.

LENINABAD PROVINCE—COTTON GROWING

Periods and methods of disbudding in the Gissar Valley and in districts of Leninabad Province. E. F. Ogloblina. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:77-84 '56.

LENINABAD PROVINCE—WATER, UNDERGROUND

Estimate of land improvement potential for the northern foothills of Turkestan Range in the Khodzha-Bakirgan and Ak-Su Valleys. I. K. Polstaev. Dokl. AN Tadzh. SSR no. 15:33-38 '56.

LENINGRAD—AMBULANCE SERVICE

Heroic people. IA. Margolis. Zdorov'e 2 no. 9:27-29 S '56.

LENINGRAD—APARTMENT HOUSES

Experimental large-panel construction in Leningrad. A. Vasil'iev. Arkhit. i bud. 4 no. 4:19-22 Jl-Ag '56.

Planning and layout of apartments in Leningrad standard houses. A. Hintsberg. Arkhit. i bud. 4 no. 4:22-24 Jl-Ag '56.

Precast reinforced concrete in the experimental demonstration construction work of a large-panel apartment house in Leningrad. B. S. Eidel'shtein. Bet. i zhel.-bet. no. 8:271-276 Ag '56.

LENINGRAD—ART—GALLERIES AND MUSEUMS

Leningrad, Ermitazh. [Through the galleries of the Museum] Po zalam muzeia. [Sostavitel' i avtor teksta P. F. Gubchevskii.] [Leningrad] Izogiz [1956] [68] p. (MH)

LENINGRAD—ASTRONOMY—CONGRESSES

Astronomical sub-comission proceedings of the 12th scientific research session of Leningrad University. I. A. Parshin. Vest. Len. un. 11 no. 13:152-154 '56.

LENINGRAD—BOOK INDUSTRIES AND TRADE—EXHIBITIONS

Literature on cinema at the exhibition of French books and drawings. Isk. kino no. 8:122 Ag '56.

LENINGRAD—BRIDGES

Leningrad bridges. M. Dudin, K. Cherevkov. Ogonek 34 no. 35:24 Ag '56.

LENINGRAD—BUILDING MATERIALS

Experimental large-panel construction in Leningrad. A. Vasil'iev. Arkhit. i bud. 4 no. 4:19-22 Jl-Ag '56.

LENINGRAD—CANALS

Petersburg-Petorhof canal project begun in the 18th century. K. I. Shafranovskii. Izv. Vses. geog. ob-va 88 no. 4:380-382 Jl-Ag '56.

LENINGRAD—CATHEDRALS

On the Isaakii cathedral cupola. V. Gulin. Ogonek 34 no. 35:29 Ag '56.

LENINGRAD—CHIMES AND CHIMING

Chime on the Petropavlovskaya fortress. I. Moroz. Ukraina no. 17:32 S '56.

LENINGRAD—CONCRETE CONSTRUCTION

Keep the road open for the use of precast reinforced concrete. V. Molchanova. Sov. profsoiuzy 4 no. 8: 56-57 Ag '56.

LENINGRAD—DEPARTMENT STORES

Progressive forms of manufactured-goods trade in Leningrad. P. Goncharov. Sov. torg. no. 8:14-17 Ag '56.

LENINGRAD—DOG SHOWS

The Leningrad Dog Show. A. Shapatin. Okh. i okh. khoz. no. 8:33 Ag '56.

LENINGRAD—DREDGING MACHINERY

New dredging machine. I. Moroz. Ukraina no. 17:19 S '56.

LENINGRAD—EFFICIENCY, INDUSTRIAL

One can't accept this. N. Dmitriev. Sov. profsoiuzy 4 no. 9:31-36 S '56.

LENINGRAD—FLIES AS CARRIERS OF DISEASE

Dispersion of flies from places of mass hatching in Leningrad. B. L. Shura-Bura and others. Ent. oboz. 35 no. 2:334-346 '56.

LENINGRAD—INDUSTRIAL SAFETY

Urgent problems in the improvement of industrial safety. V. Belianin. Sov. profsoiuzy 4 no. 8:20-23 Ag '56.

LENINGRAD—INSURANCE, SOCIAL

Old folks. R. Borisova. Sots. obesp. 17 no. 8:20-23 Ag '56.

LENINGRAD—LOADING AND UNLOADING

Handling packaged freight in Leningrad harbor. N. A. Val'kov, A. N. Usminskii. Mekh. trud. rab. 10 no. 9: 38-40 S '56.

LENINGRAD—MACHINERY INDUSTRY

The honor of the factory; training youth in glorious traditions. Z. Korotkova, IA. Sukhotin. Mol. komm. 14 no. 8:67-71 Ag '56.

LENINGRAD—MECHANICAL ENGINEERING

List of most important works performed by Leningrad Metal Plant in 1955. Energomashinostroenie no. 9: 31-32 S '56.

LENINGRAD—MUSEUMS

Loman, O.V. [The N.A.Nekrasov Memorial State Museum; a guidebook] Gosudarstvennyi memorial'nyi muzei N.A. Nekrasova; putevoditel'. [Leningrad] Lenizdat, 1956, 160 p.

LENINGRAD—ORIENTAL STUDIES

Academic research of the Department of Oriental Studies of Leningrad University in 1955. L. A. Bereznyi, A. N. Boldyrev. Sov. vostokoved. no. 4:152-157 '56.

LENINGRAD—RADIO

Radio Day in Leningrad. Radiotekhnika 11 no. 7:78-79 Jl '56.

LENINGRAD—RADIO—CONGRESSES

Scientific session and technical conferences. Radio no. 8:60 Ag '56.

LENINGRAD—RADIOLOGY, MEDICAL—SOCIETIES

Meeting of the Leningrad Society of Roentgenologists and Radiologists for the submission of reports and the election of new officials. Vest. rent. i rad. 31 no. 4: 94-95 Jl-Ag '56.

LENINGRAD—STEAM TURBINES

Steady output of steam turbines by Leningrad Metal Plant. E. D. Dolinskii. Energomashinostroenie no. 8: 20-22 S '56.

LENINGRAD—STEAM TURBINES—CYLINDERS

Finishing horizontal joints of steam turbine cylinders; experience of Leningrad metal works. E. D. Dolinskii. Energomashinostroenie no. 7:26-27 Jl '56.

LENINGRAD—SUBWAYS

The architecture of the Leningrad subway. M. Il'in. Arkhit. SSSR no. 8:22-24 '56.

LENINGRAD—TECHNICAL EDUCATION

[Trade and technical schools of Leningrad; a manual for entrants in the 1956 school year] Tekhnicheskie uchilishcha i tekhnikumy Leningrada; spravochnik dlia postupaiushchikh v 1956 godu. [Leningrad] Lenizdat, 1956. 104 p.

LENINGRAD—THEATER

"The devil's disciple." Teatr 17 no. 9:145-146 S '56.

"Second wind." Teatr 17 no. 8:112-114 Ag '56.

LENINGRAD—THEATERS

Some aspects of the economics and finances of theaters. A. Ignat'ev. Fin. SSSR 17 no. 9:69-72 S '56.

LENINGRAD—THERAPEUTICS—SOCIETIES

Minutes of sessions of the Botkin Society of Therapeutists in Leningrad. Terap. arkh. 28 no. 5:93-96 '56.

LENINGRAD PROVINCE—FARM PRODUCE—MARKETING

Collective farms of Leningrad Province prepare for a bumper crop of vegetables. A. M. Riabov. Sad i og. no. 8:14-16 Ag '56.

LENINGRAD PROVINCE—GRAIN—DISEASES AND PESTS

Pest destruction of grain crops in Leningrad Province in 1952. I. D. Shapiro. Ent. oboz. 35 no. 1:139-141 '56.

LENINGRAD PROVINCE—ONCOLOGY

Minutes of sessions of the Scientific Society of Oncologists of Leningrad and Leningrad Province. Vop. onk. 2 no. 3:379-384 '56.

LENINO DISTRICT—COMMUNITY LIFE

Indifference towards the workers' daily life. S. Chistova. Rabotnitsa 34 no. 9:28 S '56.

LENINOGORSK—BORING

Technical and economic indexes of cutter-bit boring in the Sokol'nyi mine. Z. B. Alborov. Gor. zhur. no. 9:32-34 S '56.

LEONARDO DA VINCI, 1452-1519

A. Kauffeldt's works: "Nicolaus Copernicus," "Otto Guericke," and "Leonardo Da Vinci's flying apparatus" [in German]. Reviewed by V. P. Zubov. Vop. ist. est. i tekh. no. 1:302 '56.

Leonardo, philosopher of the Renaissance. György Nádor. Vop. filos. no. 4:65-72 '56.

LEPIDOPTERA

(see also subdivision under Abkhazia; Soviet Central Asia)

Color pattern in Lepidoptera [in English]. B. N. Shvanvich. Ent. oboz. 35 no. 3:530-546 '56.

LEPIDOPTERA DIURNA see Butterflies

LEPROSY

Comparative characteristics of the cutaneous nerve endings in tuberculoid and lepromatous leprosy. I. I. Potoiskaia. Vest. ven. i derm. 30 no. 4:58-59 Jl-Ag '56.

The so-called prophylactic treatment in leprosy. N. A. Torsuev. Vest. ven. i derm. 30 no. 4:40-43 Jl-Ag '56.

LEPTOSPIRA

Serological type of Leptospira isolated from Microtus fortis pellicens. N. N. Kraminskaia. Zhur. mikrobiol. epid. i immun. 27 no. 9:54-57 S '56.

LEPTOSPIROSIS

(see also subdivision under Bet-Pak-Dala; Daghestan; Estonia; Sakhalin; West Kazakhstan Province)

Antibiotic therapy in leptospiroses. IA. S. Punkevich-Diamant. Antibiotiki 1 no. 3:31-33 My-Je '56.

"Leptospirosis in man." V. S. Kiktenko. Reviewed by IU. A. Kozlov. Voen.-med. zhur. no. 10:93-94 O '56.

Problem of the differential diagnosis of malaria from leptospirosis. N. V. Murav'ev. Zhur. mikrobiol., epid. i immun. 27 no. 8:97-101 Ag '56.

Spontaneous leptospirosis in white mice. N. N. Kraminskaia, V. A. Eksin. Zhur. mikrobiol. epid. i immun. 27 no. 9:63-64 S '56.

Utilization of biological research methods in foci of leptospirosis. L. V. Zarubina. Zhur. mikrobiol. epid. i immun. 27 no. 9:65-67 S '56.

The water vole Arvicola terrestris as a natural reservoir of pathogenic Leptospirae. T. A. Krepkogorskaia. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:77-79 '56.

LERICHE, RENE, 1879-1955

René Leriche, 1879-1955. A. N. Shabanov. Sov. med. 20 no. 8:85-93 Ag '56.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

The ideological basis of Lermontov's view on aesthetics. N. A. Liubovich. Vop. filos. no. 4:83-93 '56.

[M. IU. Lermontov in Russian criticism; a collection of articles] M. IU. Lermontov v russkoi kritike; sbornik statei. Vstup. stat'ia i prokommentirovanie D. Zonova. Moskva, Goslitizdat, 1951. 293 p. (CLU)

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841 (Continued)
M. IU. Lermontov's "Masquerade." A. M. Dokusov. Uch. zap. Ped. inst. Gerts. 102:5-42 '55.
Poetry of Lermontov during the Great Patriotic War. I. IA. Zaslavskii. Nauk. zap. Kiev. un. 14 no. 1:85-111 '55.

LEUCOCYTES
Activity of blood lipase in rabbits during the healing of wounds under the effect of leucocytogenic serums. A. A. Shutova. Trudy inst. morf. zhiv. no. 18:97-106 '56.
Alkaline phosphatase and the oxidizing activity of blood in rabbits during the healing of wounds under the effect of leucocytogenic serums. V. N. Shreder. Trudy Inst. morf. zhiv. no. 18:65-81 '56.
Alkaline phosphatase in the nucleus and cytoplasm of leucocytes. T. M. IAkovleva. Dokl. AN SSSR 109 no. 5:1035-1038 Ag '56.
Case of Pelger's nuclear anomaly. N. V. Korniaeva. Lab. delo 2 no. 1:17-19 Ja-F '56.
Cholinesterase activity and acetylcholine-like action of tissues during the healing of wounds following the introduction of leucocytogenic serums. L. B. Utevskaia. Trudy Inst. morf. zhiv. no. 18:107-127 '56.
General reactivity of the organism to the introduction of leucocytogenic serums. N. V. Popova. Trudy Inst. morf. zhiv. no. 18:5-44 '56.
Healing rate of wounds and biochemical indexes of the stimulation of organism by leucocytogenic serums. V. N. Shreder. Trudy Inst. morf. zhiv. no. 18:45-64 '56.
Proteolytic activity of tissues and blood in rabbits during the healing of wounds under the effect of leucocytogenic serums. G. P. Ramenskaia. Trudy Inst. morf. zhiv. no. 18:82-96 '56.
Variation in leucocyte number observed in the blood of monkeys when repeatedly examined under similar conditions. I. A. Utkin, M. I. Kuksova. Dokl. AN SSSR 108 no. 5:981-984 Je '56.

LEUCOCYTOSIS
Comparative effect of a preparation of Ginseng and other substances on conditioned reflex food leucocytosis in man. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:100-113 '55.
Comparative strength of stimulation of conditioned reflex food leucocytosis by Ginseng, Schisandra, and pantocrin. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:120-123 '55.
Effect of Ginseng on the intensity of leucocytosis and hyperthermia in rabbits produced by subcutaneous administration of milk and turpentine. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:147-155 '55.
Effect of some pharmacological substances and their combinations on conditioned reflex food leucocytosis in man. E. E. Belen'kii. Mat. k izuch. zhen'-shenia i lim. no. 2:114-119 '55.

LEUCOSIS
Diagnosis of atypical forms of acute leucosis. G. L. Khasis. Klin. med. 34 no. 7:92 Jl '56.
Effect of 4-aminopteroylaminoadipic acid on the rate of biosynthesis and the nucleic acid content of tissues of mice with implanted acute lymphatic leucosis. V. A. Kirsanova, A. A. Tustanovskii. Vop. med. khim. 2 no. 4:272-277 Jl-Ag '56.

LEUKEMIA
Oncological characteristics of mice of the Afb Leukosis strain [with summary in English]. L. L. Maliugina, N. N. Medvedev. Vop. onk. 2 no. 3:308-311 '56.
Viral etiology of leukosis. V. A. Parnes. Vop. onk. 2 no. 3:367-373 '56.

LEVELING
Accumulation of systematic errors in 1st class leveling. V. I. Siniagina. Geod. i kart. no. 4:68-71 Je '56.
Entin, I. I. [High-precision levelling] Vysokotochnoe nivelirovanie. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 339 p. (Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aerosʺemki i kartografii. Trudy, no. 111)
Lateral leveling for high metal structures. T. S. Danilenko. Gidr. stroi. 25 no. 7:54-57 Ag '56.

LEVENSON, SOLOMON DANILOVICH, d. 1956
Solomon Danilovich Levenson; obituary. Khol. tekh. 33 no. 3:79 Jl-S '56.

LEVI, CARLO
Three masters of Italian literature. Juliette Bertran. V zashch. mira no. 64:81-88 S '56.

LI, SHANG-YIN, 813-858
From the "Aphorisms" of Li Shang-yin [with English summary in insert]. O. L. Fishman. Sov. vostokoved. no. 4:111-117 '56.

LIABILITY (LAW)
Fault as a basis of contractual liability. G. K. Matveev. Nauk. zap. Kiev. un. 7 no. 2:111-138 '48.

LIBERTY
Conference in Berlin on the theory of freedom. V. I. Mikheev. Vop. filos. no. 4:222-225 '56.

LIBRARIANS
Young librarians. N. Sokolova. Bibliotekarʹ no. 9:25-27 S '56.

LIBRARIES
(see also subdivision under Sweden)
Brief news. Bibliotekarʹ no. 9:46-47 S '56.
Improve material and technical equipment of libraries. Z. Kolchina and others. Bibliotekarʹ no. 9:1-4 S '56.
In the Ministry of Culture of the U. S. S. R. Sov. knizh. torg. no. 9:3 of cover S '56.

LIBRARIES—ORDER DEPT.
Libraries and the book agent. Sov. knizh. torg. no. 9: 1-2 S '56.

LIBRARIES, RURAL
(see also subdivision under Kalininskoye District; Tul'chin District; Zhuravlevka)
Karatygin, F. I. [The work of rural libraries in aiding farm production; problems of organization and method] Rabota bibliotek na sele v pomoshchʹ kolkhoznomu proizvodstvu; voprosy organizatsii i metodiki. Moskva, Gos. izd-vo kulʹturno-prosvetitelʹnoi lit-ry, 1955. 39 p.
Reading newspaper material to others. O. Alekseeva Bibliotekarʹ no. 9:27-28 S '56.
Supplying collective farm libraries. A. Gorin. Sov. knizh. torg. no. 9:6 S '56.

LIBRARIES, SPECIAL
Party libraries prepare for the new academic year. V. Fedotov. Mosk. prop. 13 no. 8:45-48 Ag '56.

LIBRARIES, TECHNICAL see Technical libraries

LIBRARIES, UNIVERSITY AND COLLEGE
Some aspects of university library work. S. K. Vilenskaia. Vest. vys. shkoly 14 no. 9:21-27 S '56.

LIBRARIES, WORKINGMEN'S see subdivision under Kiev

LIBRARIES AND READERS
(see also subdivision under Uzbekistan)
The library and parents. S. Magidson. Bibliotekarʹ no. 9:29-31 S '56.
Russia (1923- U. S. S. R.) Ministerstvo kulʹtury. [Publicizing technical literature in libraries; papers at the inter-republic conference-seminar of library workers held at Kharkov, December 20-24, 1955] Propaganda tekhnicheskoi literatury v bibliotekakh; materialy mezhrespublikanskogo soveshchaniia-seminara bibliotechnykh rabotnikov v g. Kharʹkove 20-24 dekabria 1955 goda. Moskva, Izd. Gos. bibliteki SSSR im. V. I. Lenina, 1956. 139 p.
Through the eyes of the reader. G. Babanov. Bibliotekarʹ no. 9:20-24 S '56.

LIBRARY ARCHITECTURE
Eliminate defects in the planning and construction of library buildings. I. Petrov. Bibliotekarʹ no. 9:5-9 S '56.

LIBRARY SCIENCE
Popotapov, M. A., ed. [Aids for librarians in public libraries; a classified collection of articles from the journal "Bibliotekarʹ"] V pomoshchʹ rabotnikam massovykh bibliotek; sistematicheskii sbornik statei zhurnala "Bibliotekarʹ." Moskva, Gos. izd-vo kulʹturno-prosvetitelʹnoi lit-ry, 1955. 467 p.

LIBRARY SCIENCE—BIBLIOGRAPHY see Bibliography—Library science

LICHENS
(see also subdivision under Ural Mountain region)
Lichens as indicators of lithological and geochemical conditions in deserts. S. V. Viktorov. Vest. Mosk. un. 11 no. 5:115-119 My '56.

LIEBKNECHT, KARL, 1871-1919
His name is known to workers in all lands. Smena 33 no. 15:19-21 Ag '56.

LIFE—ORIGIN
Geological and geochemical role of the processes in biogenesis. K. L. Lukashov. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:65-75 '56.

LIFEBOATS
Lifeboats with hand-operated propeller screws (from foreign periodicals). Sudostroenie 22 no. 8:41 Ag '56.

LIFESAVING
Prevent accidents in the water. V. Kliukin. Voen. znan. 31 no. 6:25 Je '56.

LIFTING JACKS
Five-ton hydraulic jack. D. Nabrodov. Avt. transp. 34 no. 7:20 Jl '56.
Hydraulic lifting apparatus. A. Melik-Sarkis'ian. Avt. transp. 34 no. 8:26 Ag '56.
Jack for suspending front axles. V. Dmitrievskii. Avt. transp. 34 no. 8:28 Ag '56.

LIGACHEVO—COMMUNITY CENTERS
Rural carnival party. E. Nagirniak. Kulʹt.-pros. rab. 17 no. 9:31-32 S '56.

LIGHT—BIBLIOGRAPHY see Bibliography—Light

LIGHT—CHEMICAL ACTION see Photochemistry

LIGHT—PHYSIOLOGICAL EFFECT
Effect of light on the peripheral eosinophile count and on adrenal function. I. A. Eskin, G. M. Vidavskaia. Probl. endok. i gorm. 2 no. 1:82-87 Ja-F '56.
Motor activity and gas exchange in the great titmouse under changing conditions of light. A. N. Segalʹ. Dokl. AN SSSR 109 no. 5:1073-1076 Ag '56.

LIGHT—SCATTERING
Anomalous scattering of light in glass. A. I. Kolladin. Dokl. AN SSSR 109 no. 1:64-67 Jl-Ag '56.
Calculation of light scattering of higher orders. E. V. Pliskovskaia-Fesenkova. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:99-100 '56.
Relation between the intensity of Raman spectra lines and the frequency of the exciting light. A. Kh. Khalilov, S. Z. Rzaeva. Dokl. AN Azerb. SSR 12 no. 7:441-447 '56.
Relation between the light scattering coefficient for various angles and the optical thickness of the atmosphere. E. V. Pliskovskaia-Fesenkova. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:203-213 '55.
Some facts on light scattering in the atmosphere. E. V. Pliskovskaia-Fesenkova. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:198-202 '55.
Use of scattering line widths in determining the time of orientational relaxation in various liquids. M. F. Vuks, A. K. Atakhodzhaev. Dokl. AN SSSR 109 no. 5:926-928 Ag '56.

LIGHT—SPEED
Measuring distances with a light range finder and determining the speed of light propagation. V. A. Veitchko V. P. Vasilʹev, V. V. Golosov. Geod. i kart. no. 1:10-24 Mr '56.
New method for measuring the velocity of light. K. S. Vulʹfson. Dokl. AN SSSR 109 no. 5:928-930 Ag '56.

LIGHT—VELOCITY
Experimental verification of the fact that the velocity of light is independent of the motion of the source relative to the observer. A. M. Bonch-Bruevich. Dokl. AN SSSR 109 no. 3:481-484 Jl '56.

LIGHT, ELECTRIC see Electric lighting

LIGHTING
Akademiia nauk SSSR. Otdelenie tekhnicheskikh nauk. [A reference book on illumination engineering] Spravochnaia kniga po svetotekhnike. Moskva,
Vol. 1. [Illumination instruments and sources of light] Svetovye pribory i istochniki sveta. 1956. 471 p.

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTING—STANDARDS
The All-Union State Standards for steel casements for lighting installations in industrial buildings. Biul. stroi. tekh. 13 no. 8:31-32 Ag '56.

LIGHTNING see subdivision under Armonia

LIGHTNING PROTECTION
Mounting and connecting lightning arresters on 6-10 kv. transmission lines without de-energizing. V. P. Rimbov. Energ. biul. no. 7:19-20 Jl '56.
Pulse characteristics of extended grounds in poor-conducting earth. A. L. Vainer, S. M. Fertik. Elektrichestvo no. 8:40-47 Ag '56.

LIGHTWEIGHT CONCRETE
Porous fillers for lightweight concretes. M. P. Elinson. Bet. i zhel.-bet. no. 9:314-319 S '56.
Prospective use of high-strength lightweight reinforced concrete of various types in bridges and engineering structures. M. A. IAkubovich. Trudy Inst. stroi. dela AN Gruz. SSR 3:213-226 '51.

LIGNIN
Lignin as a fuel of high calorific value. S. F. Medvedev. Gidroliz. i lesokhim. prom. 9 no. 6:24 '56.
Recent developments in the chemistry and technology of lignin. D. V. Zheltukhin. Priroda 45 no. 9:111-113 S '56.

LIGNITE
(see also subdivision under Rayonkhinski Transcarpathia)
Exhaustive splitting of brown-coal humic acids by metallic sodium in liquid ammonia. T. A. Kukharenko, T. N. Vvedenskaia. Dokl. AN SSSR 109 no. 2:343-344 Jl '56.

LILACS—DISEASES AND PESTS
Lilac moths. K. A. Shmigovskii. Zashch. rast. ot vred. i bol. 1 no. 3:58 Jl-Ag '56.

LIMBS, ARTIFICIAL see Artificial limbs

LIME
(see also subdivision under Kostyukovichi District)

Slaking lime with the ball mill. V. Popov. Arkhit. i stroi. 4 no. 4:8 Jl-Ag '56.

LIME KILNS

Influence of burning methods on properties of the magnesium quicklime. I. Bubenin. Stroi. mat., izdel. i konstr. 2 no. 7:29 Jl '56.

Two thousand kilograms of lime from one cubic-meter furnace. A. Mochalov, S. Shinkarev. Stroi. mat., izdel. i konstr. 2 no. 8:21 Ag '56.

LIMESTONE see subdivision under Amur Valley;

LIMIT THEOREMS (PROBABILITY THEORY)

Condition of the central limit theorem for unhomogeneous Markov chains. P. L. Dobrushin. Dokl. AN SSSR 108 no. 6:1004-1006 Je '56.

LINDEN see subdivision under Komi A. S. S. R.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

One class of infinite systems of linear algebraic equations. P. I. Koval'. Nauk. zap. Kiev. un. 9 no. 9:135-138 '50.

LINEN see subdivision under Krasavino

LINGUISTICS see Language and languages

LINKS AND LINK-MOTION

"Analogy domain" of mechanisms used as a technique for studying the properties of hinged four-bar mechanisms. V. A. Tyshkevich. Trudy Sem. po teor. mash. 16 no. 62:11-25 '56.

Dyadic method for designing the positions of a normal three-dimensional seven-bar mechanism. N. I. Noskov. Trudy Sem. po teor. mash. 16 no. 62:5-10 '56.

LINNÉ, CARL VON, 1707-1778

Did Linné create the "binary nomenclature"? S. V. IUzepchuk. Bot. zhur. 41 no. 7:1056-1071 Jl '56.

LINOLEUM

Polyvinyl chloride linoleum. IA. Shternfas, K. Afanas'eva. Stroi. mat., izdel. i konstr. 2 no. 7:13-14 Jl '56.

LIP-READING see Deaf—Means of communication

LIPASE

Activity of blood lipase in rabbits during the healing of wounds under the effect of leucocytogenic serums. A. A. Shutova. Trudy Inst. morf. zhiv. no. 18:97-106 '56.

LIPETSK—MINERAL WATERS—HISTORY

One of the oldest Russian health resorts; on the 150th anniversary of the official opening of the Lipetsk health resort. M. D. Kirin. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:66-72 Jl-S '56.

LIPETSK—TRADE UNIONS

Why is the authority of the trade-union council depreciated? N. Nikolaichik. Sov. profsoiuzy 4 no. 9:20-25 S '56.

LIPOCAIC see Pancreas

LIPS—TUMORS

Experience in using Gordeev's fluid for the treatment of malignant and benign neoplasms of the skin and mucosa of the lower lip [with summary in English]. G. P. Zinchenko. Vop. onk. 2 no. 3:354-356 '56.

LIQUID FUELS

Godzhello, M. G., and others. [Readily inflammable and combustible liquids; manual] Legkovosplamenitaiushchiesia i goriuchie zhidkosti; spravochnik. Pod obshchei red. N. A. Tarasova-Agalakova. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 110 p.

Method for determining the saturated vapor density of fluid fuels. I. P. Budarov. Khim. i tekh. topl. no. 8:65-68 Ag '56.

Theory of evaporation losses of liquid fuels. I. P. Budarov. Azerb. neft. khoz. 35 no. 5:23-24 My '56.

LIQUID METALS

Molecular structure and viscosity of liquid metals and alloys. A. Z. Golik. Nauk. zap. Kiev. un. 14 no. 8:159-169 '55.

LIQUIDS

Danilov, V. I. [Structure and crystallization of liquids; selected articles] Stroenie i kristallizatsiia zhidkosti; izbrannye stat'i. Pod red. V. G. Kurdiumova. Kiev, Izd-vo Akademii nauk UkSSR, 1956. 566 p.

Optical determination of thermal conductivity of liquids and its use in physicochemical analysis. V. P. Frontas'ev. Zhur. neorg. khim. 1 no. 6:1322-1327 Je '56.

Theory of the layering of liquids. I. L. Krupatkin. Zhur. neorg. khim. 1 no. 6:1210-1222 Je '56.

LIQUIDS—OPTICAL PROPERTIES

Studying the temperature effects on light diffusion in liquids. G. P. Roshchina. Nauk. zap. Kiev. un. 14 no. 8:171-182 '55.

Use of scattering line widths in determining the time of orientational relaxation in various liquids. M. F. Vuks, A. K. Atakhodzhaev. Dokl. AN SSSR 109 no. 5:926-928 Ag '56.

LIQUIDS—VISCOSITY see Viscosity

LITERARY CHARACTERS see Characters and characteristics in literature

LITERATURE

From month to month; brief news. Inostr. lit. no. 8:262-267 Ag '56.

From month to month; brief news. Inostr. lit. no. 9:268-287 S '56.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

Chernyshevskii on romanticism abroad. Z. Kh. Libinzon. Uch. zap. GGPI 16:168-187 '55.

Errors or prejudices? A. Dement'ev. Inostr. lit. no. 9:178-186 S '56.

Is this the way to study foreign literature? ("Course of lectures on the history of foreign literatures in the 20th century. Vol. 1. Reviewed by T. Motyleva). Inostr. lit. no. 9:209-218 S '56.

LITERATURE—MISCELLANEA

Mournful notes. Zvezda no. 8:190-191 Ag '56.

Mournful notes. Zvezda no. 10:186-190 O '56.

LITERATURE, COMPARATIVE—RUSSIAN AND KIRGHIZ

Some aspects in the assimilation of Russian literary traditions. M. Nurmukhamedov. Zvezda Vost. 24 no. 7:122-125 Jl '56.

LITERATURE, COMPARATIVE—THEMES, MOTIVES

'Story of Alexander, the Russian gentleman" and "Tale of Peter Golden Keys." M. IA. Kalynovych. Nauk. zap. Kiev. un. 14 no. 2:177-194 '55.

LITERATURE AND SCIENCE

Natural science and poetry; a writer's notes. IU. Vershavskii. Zvezda no. 10:182-187 O '56.

LITHIUM

Determination of small quantities of lithium in the air. M. E. Polotnev. Gig. i san. 21 no. 9:84-85 S '56.

LITHIUM—ISOTOPES

Nuclear levels in $Li^6$. IU. L. Sokolov and others. Zhur. eksp. i teor. fiz. 30 no. 6:1007-1012 Je '56.

LITHIUM ALUMINUM HYDRIDE

Thermal decomposition of lithium aluminum hydride. V. I. Mikheeva, M. S. Selivokhina, O. N. Kriukova. Dokl. AN SSSR 109 no. 3:541-542 Jl '56.

LITHIUM HYDRIDE

Study of the reaction of boron trichloride etherate with lithium hydride. Part 1. Preparation of diborane of individual purity. V. I. Mikheeva, E. M. Fednova. Izv. AN SSSR. Otd. khim. nauk no. 8:902-912 Ag '56.

LITHIUM ORGANIC COMPOUNDS

Etherates and dioxanates of lithiumorganic compounds. T. V. Talalaeva, M. M. Nad', K. A. Kocheshkov. Dokl. AN SSSR 109 no. 1:101-104 Jl-Ag '56.

Synthesis of 1-$C^{14}$-propionic acid via lithium organic compounds. N. F. Novotorov, I. A. Korshunov. Zhur. ob. khim. 26 no. 7:1959-1961 Jl '56.

LITHIUM SALTS

Irreversible-reciprocal system of lithium and sodium acetates and nitrates. G. G. Diogenov. Zhur. neorg. khim. 1 no. 4:790-805 Ap '56.

Study of the interaction of lithium and silver sulfates and molybdates in melts. I. N. Belianov, S. S. Doroshenko. Zhur. ob. khim. 26 no. 7:1816-1820 Jl '56.

Ternary systems of lithium metaborates, chlorides, sulfates, and tungstates. V. P. Posypaiko, A. I. Kislova, A. G. Bergman. Zhur. neorg. khim. 1 no. 4:806-819 Ap '56.

LITHUANIA—APPLE—VARIETIES

Keeping qualities of some apple varieties. IU. I. Banaitis. Sad i og. no. 9:56-60 S '56.

LITHUANIA—MALARIA

Liquidation of isolated local cases of tertian malaria in Lithuania. V. S. Cizas. Med. paraz. i paraz. bol. 25 no. 3:261-263 Jl-S '56.

LITHUANIA—PEASANTRY—HISTORY

Changes in the legal status of the peasantry in the Great Duchy of Lithuania in the 16th century. D. L. Pokhylevych. Nauk. zap. L'viv. un. 28:147-176 '53.

Peasants-servants in the 16th-17th centuries in Lithuania and western White Russia. D. L. Pokhilevich. Nauk. zap. L'viv. un. 36:144-172 '55.

LITTER (BEDDING)

Keeping chickens on deep litter. N. V. Dakhnovskii. Ptitsevodstvo 6 no. 9:24-29 S '56.

Use of deep litter abroad. M. K. Kolosov. Ptitsevodstvo 6 no. 9:29-31, S '56.

LIUBAN' DISTRICT—STOCK AND STOCKBREEDING

Increase the productivity of communal stockbreeding in every way. T. Anisimov. Komm. Bel. 26 no. 8:54-63 Ag '54.

LIVER

Antitoxic function of the liver and its modification following surgical therapy of various forms of goiter. A. P. Stepanenko. Probl. endok. i gorm. 2 no. 1:35-36 Ja-F '56.

Data on xanthine oxidase from the liver of healthy rabbits and rabbits with tumors. V. P. Korotkoruchko. Ukr. biokhim. zhur. 28 no. 3:310-316 '56.

Dynamics of the binding of tetracyclines by the liver. G. IA. Kivman. Antibiotiki 1 no. 3:42-46 My-Je '56.

Effects of 6-methylthiouracil on liver function in Basedow's disease. S. F. Mandl'. Probl. endok. i gorm. 2 no. 3:54-61 My-Je '56.

An electrophoretic study of liver proteins [with English summary in insert]. S. IA. Keplanskii, O. B. Kusovleva, V. D. Uspenskaia. Biokhimiia 21 no. 4:469-477 Jl-Ag '56.

Formation of urea in liver homogenates from citrulline and various nitrogen donors. I. V. Kluge. Dokl. AN SSSR 109 no. 5:997-1000 Ag '56.

Growth promoting substances of the liver and spleen. G. P. Musheghian. Dokl. AN Arm. SSR 9 no. 2:91-92 '48.

Liver function in thyrotoxicosis. S. F. Mandl'. Probl. endok. i gorm. 2 no. 1:37-41 Ja-F '56.

Nervous regulation of the antitoxic function of liver at different age periods. I. A. Medianik. Nauk. zap. Lviv. un. 26:5-17 '54.

On the change in synthetic and transamination processes in the rat liver during protein deficiency [with English summary in insert]. N. N. Berezovskaia, N. P. Smirnova. Biokhimiia 21 no. 4:457-460 Jl-Ag '56.

Pyridine nucleotides in the liver and muscles of rabbits and their enzymatic decomposition in alloxan diabetes. E. L. Rozenfel'd, A. A. Kobzeva. Probl. endok. i gorm. 2 no. 3:88-93 My-Je '56.

LIVER—DISEASES

Absorption of phosphorus in the digestive tract and its utilization in the body in experimental hepatitis of various origins. K. S. Zamychkina and others. Med. rad. 1 no. 3:63-71 My-Je '56.

Alimentary ketonuria in pregnant cows. A. M. Kolesov, R. V. Gorbulik, I. L. Dement'ev. Veterinariia 33 no. 10:68-71 O '56.

Case of yellow chromhidrosis. A. K. Igumnov, N. P. IUshkov. Vest. ven. i derm. 30 no. 4:57 Jl-Ag '56.

Changes in glycemic reactions to adrenaline injection under the influence of morphine in experimental toxic hepatitis. L. M. Gol'bor, M. P. Ratniece. Probl. endok. i gorm. 2 no. 2:76-80 Mr-Ap '56.

Results of lipocaine therapy in some diseases of the liver. Z. A. Bondar', E. L. Nazaretian, I. S. Priss. Probl. endok. i gorm. 2 no. 1:61-63 Ja-F '56.

LIVER—INNERVATION

Effect of vegetative poisons on the secretion of bile during the postembryonal period of the organism. I. A. Medianik. Dop. ta pov. L'viv. un. no. 5, pt. 2:36-38 '55.

Neural regulation of the bile-producing function of the liver in ontogenesis. I. A. Medianik. Dop. ta pov. L'viv. un. no. 5, pt. 2:33-36 '55.

LIVER EXTRACT

Obtaining campolon from sturgeon liver. A. I. Karaev and others. Dokl. AN Azerb. SSR 12 no. 6:503-506 '56.

LIVER FLUKE
(see also subdivision under Chelyabinsk)

Acute fascioliasis in the Mugan Lowland in the Azerbaijan S. S. R. K. Sh. Gadzhiev. Veterinariia 33 no. 10:61 O '56.

LIVESTOCK see Stock and stockbreeding

LIZARDS see subdivision under Dnepor Valley; Kanev District; Transcaucasia; Ukraine

LOACHES

Changes in radiosensitivity in the course of fertilization of the loach, Misgurnus fossilis. A. A. Nelfakh. Dokl. AN SSSR 109 no. 5:943-946 Ag '56.

LOADING AND UNLOADING
(see also subdivision under Leningrad)

Determining unloading norms by engineering plan. G. I. Mamasakhlisov. Zhel. dor. transp. 38 no. 9:78-80 S '56.

Device for pack-loading grain into railroad cars. I. S. Finashin, S. A. Karabanov. Zhel. dor. transp. 38 no. 8:75 Ag '56.

Efficient use of loaders and machinery in loading and unloading. I. N. Tikhoniuk. Zhel. dor. transp. 38 no. 8:76 Ag '56.

LOADING AND UNLOADING (Continued)

Equipment for loading and unloading loose-flowing materials. K.I.Grigor'ev, A.L.Shlimmer. Mekh. trud. rab. 10 no. 8:37-40 Ag '56.

Handling tree-length logs at timber transshipment bases. M.A.Savinov. Les.prom. 34 no.9:20-24 S '56.

Loading tree-length logs with an E-505 excavator-crane. I.O.Osipenko. Mekh.trud.rab. 10 no.9:33-35 S '56.

Modernized K-7 crane. V.Tatarinov and others. Les. prom. 34 no.9:14-18 S '56.

Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Sack loading device for the ZIS-150 automobile] Meshkopogruzchik dlia avtomobilia ZIS-150. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 19 p.

Pestov, A.I., and IU.V.Gageman. [Continuous transportation loading machinery] Peregruzochnye mashiny nepreryvnogo transporta; atlas konstruktsii. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 91 p.

SNT-2,1 beet loader (text for cover drawing). G.Shamaev. Tekhsov.MTS 17 no.12:16 Je '56.

Self-loading trucks. G.Degterev, I.Batishchev. Nov. torg.tekh. no.3:25-28 '56.

Unloading and setting up a 155-ton generator stator by means of two cranes with capacities of 100 tons and 20 tons. G.M.Smirnov. Energetik 4 no.8:22-24 Ag '56.

Use of machinery in unloading bread. V.Druz'. Nov. torg.tekh. no.3:11-14 '56.

Using E-505 crawler cranes for loading logs. R.M. Sazonov. Les.prom. 34 no.9:18-19 S '56.

LOBACHEV, MIKHAIL

"The path of their fathers." Mikhail Lobachev. Reviewed by I.Egorov. Lit.Stal. 10:249-256 '55.

LOCAL ANESTHESIA

Treatment of acute epidemic conjunctivitis. B.M.Sinitsyn. Sov.med. 20 no.7:61-62 Jl '56.

LOCAL GOVERNMENT
(see also subdivision under Poland; Zlatoust)

The principle of socialist legality and practice promulgated in binding decrees of executive committee of local soviets; based on material of Kharkov Province. O.M. IAkuba. Sov.gos.i pravo no.6:110-115 '56.

Socialist legality and protection of rights of citizens discussed at sessions of Moscow precinct soviets. M.A. Postnikov, V.S.Shapovalov. Sov.gos.i pravo no.4:73-79 '56.

LOCARNO CONFERENCE, 1925

Locarno Conference, 1925; von Dircksen's notes of the meetings. I.N.Nikolaev. Ist.arkh. no.4:149-165 Jl-Ag '56.

LOCATION OF INDUSTRIES see Industries, Location of

LOCKS (HYDRAULIC ENGINEERING) see subdivision under China

LOCKS AND KEYS

Valuable efficiency; suggestion. V.Konovalov. Prom. koop. no.9:17-18 S '56.

LOCOMOTIVE BOILERS

Sevast'ianov, S.I. [Water treatment in boilers] Vnutrikotlovaia obrabotka vody. Moskva, Gos.transp.zheldor. izd-vo, 1956. 90 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 125)

LOCOMOTIVES

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. [Rules for making railroad traction estimates] Pravila proizvodstva tiagovykh raschetov dlia poezdnoi raboty. Moskva, Gos.transp. zhel-dor. izd-vo, 1956. 157 p.

New regulations for locomotive calculations. O.N. Isaakian, P.A.Gurskii. Zhel.dor.transp. 38 no.9:

Characteristics of the diapause in eggs of the Acrididae. I.V.Kozhanchikov. Ent.oboz. 35 no.1:28-42 '56.

Organization of work decides the success of locust control. E.N.Ivanov. Zashch.rast.ot vred.i bol. 1 no.2:8-10 My-Je '56.

LOESS
(see also subdivision under Dnieper Valley; Kazakhstan; Yeralka Valley)

Mineralogical composition and origin of loess. I.D. Sidletskyi, V.P.Anan'iev. Nauk.zap.Kiev.un. 13 no.3:151-172 '54.

Seepage in loess rocks in canals and subsidence phenomena on irrigated fields. I.G.Glukhov. Gidr.i mel. 6 no.10:9-18 O '56.

LOGARITHMS

Karpov, K.A., and S.N.Razumovskii. [Tables of integral logarithms] Tablitsy integral'nogo logarifma. Moskva, Izd-vo Akademii nauk SSSR, 1956. 316 p.

LOGGING ROADS see Forest roads

LOGIC

A Russian holographic textbook on logic from the middle of the 18th century. V.P.Zubov. Vop.filos. no.4: 154-156 '56.

LOGIC, SYMBOLIC AND MATHEMATICAL

Review on R.Higonnet and R.Grea's book "Logical analysis of electrical circuits and binary systems." G.N.Povarov. Avtom.i telem. 17 no.6:581-583 Je '56.

LOGIC OF MATHEMATICS see Mathematics—Philosophy

LOLLOBRIGIDA, GINA

A few minutes with Gina Lollabrigida. A.Savaris. Mol. mira no.8:13 '56.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

M.V.Lomonosov and concepts of modern crystallochemistry. T.N.Agafonova. Nauk.zap.Kiev.un. 12 no.4:97-105 '53.

M.V.Lomonosov, the leading figure of Russian science in the 18th century. A.S.Brahinets'. Nauk.zap.L'viv. un. 34:5-14 '55.

The role of Lomonosov in the history of Russian ethnography and folklore. G.I.Bomshtein. Trudy Inst.etn. 30 no.1:85-110 '56.

LOMONOSOVO—RINGWORM

Organization of epidermophytosis control in Lomonosovo. I.E.Shkol'nikov. Vest.ven.i derm. 30 no.4:53-54 Jl-Ag '56.

LONDON—CINEMATOGRAPHY—CONGRESSES

Third International Congress on High-speed Photography and Cinematography. V.G.P. Zhur.nauch.i prikl.fot. i kin. 1 no.2:152-153 Mr-Ap '56.

LONDON—CONCRETE CONSTRUCTION

Office building with a reinforced concrete prefabricated frame. Arkhit.i bud. 4 no.2:20 Mr-Ap '56.

LONDON—DAIRY INDUSTRY—EQUIPMENT AND SUPPLIES

Exhibition of dairy industry equipment in London. A.Popov, V.Slavianov. Moloch.prom. 17 no.6: 46-47 '56.

LONDON—MARINE ENGINES—EXHIBITIONS

Marine machine building at the exhibition in London. A.S.Petrov. Vest.mash. 36 no.6:72-79 Je '56.

LONGEVITY

Longevity. G.Pitskhelauri. Sov.Souiz no.9:28 S '56.

Past one hundred. Sem.Narin'iani. Ogonek 34 36:30-31 S '56.

Physiological characteristics of the organism of long-living people and conditions conducive to longevity. IU.O Spasokukots'kyi. Fiziol.zhur.[Ukr.] 2 no.3:82-90 My-Je '56.

LONGISPORIN

Separation of a new antibiotic longisporin and the study of its chemistry. G.P.Men'shikov, M.M.Rubinshtein. Zhur.ob.khim. 26 no.7:2035-2039 Jl '56.

LONGSHOREMEN see subdivision under Australia

LOOMS

Markov, N.F., D.G.Luzhetskii, and B.I.Isurin. [Design, assembly and adjustment of multiple shuttle turret looms in the cotton weaving industry] Ustroistvo, montazh i naladka mnogochelnochnykh revol'vernykh tkatskikh stankov khlopchatobumazhnoi promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva legkoi promyshl.SSSR, 1956. 218 p.

LOTUS

Lotus. IUn.nat. no.8:12 S '56.

LOUD-SPEAKERS
(see also subdivision under Germany)

Loudspeaker communication between coke machines. M.V.Slavgorodskii, A.N.Skornlakov. Koks i khim. no.5:34-35 '56.

New loud-speakers. D.Shifman. Radio no.8:38-40 Ag '56.

LOVE

Love at first sight and marriage. Vaem.stud.nov. 10 no.8:9-10 Ag '56.

LOVOZERO—ASTROPHYLLITE

Kupletskite, a new mineral of the astrophyllite group. E.I.Semenov. Dokl.AN SSSR 109 no.5:933-936 Je '56.

LOW TEMPERATURE METALS see Metals at low temperature

LOW TEMPERATURE RESEARCH

Electrical properties of germanium at superlow temperatures. E.I.Abaulina-Zavaritskaia. Zhur.i teor. fiz. 30 no.6:1158-1160 Je '56.

Specific heat of solid oxygen between 20° and 40° K. M.O.Kostriukova. Zhur.i teor.fiz. 30 no.6:1162-1164 Je '56.

Superfine structure of paramagnetic resonance lines in supercooled $^{51}V^{++}$, $^{53}Cr^{+++}$ and $^{55}Mn^{++}$ solutions. N.S.Garif'ianov. Dokl.AN SSSR 109 no.4:725-727 Ag '56.

Theory of spontaneous magnetization of ferromagnetic semi-conductors in the low temperature range. E.I. Kondorskij, A.S.Pakhomov, T.Shiklosh. Dokl.AN SSSR 109 no.5:931-934 Ag '56.

LU HSUN, pseud. see Chou Shu-Jen, 1881-1936

LUBRICATION AND LUBRICANTS

Bernshtein, G.D. [Fuel and lubricants] Toplivo i smazochnye materialy. Izd.2-oe, perer. Moskva, Gos. izd-vo selkhoz.lit-ry, 1956. 294 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

Centralized lubrication of plant equipment. G.IA. Zorokhovich. Koks i khim. no.5:49-50 '56.

Chemical structure of surface-active substances (depressing agents) which increase the fluidity of lubricating oils at low temperatures. P.I.Sanin, A.V.Ul'ianova, V.V.Sher. Khim.i tekh.topl. no.8:54-59 Ag '56.

Device for removal of used lubricant from trunk engine cylinders. A.I.Shatilov. Energomashinostroenie no.9:30 S '56.

Influence of lubrication upon the friction process. V.D. Kuznetsov, A.I.Lockutov, L.M.Kisurina. Dokl. AN SSSR 109 no.1:124-126 Jl-Ag '56.

Kuvaitsev, I.F., and S.M.Ashcko. [Lubricating materials and lubricants of roadbuilding machinery] Smazochnye materialy i smazka dorozhnostroitel'nykh mashin. Moskva, Nauchno-tekhn.izd-vo avtotransp.lit-ry, 1956. 62 p.

Measuring the thickness of the oil film in the thrust bearing of vertical electric motors. IA.I.Kagan, O.I. Bogdanov. Elektrichestvo no.8:74-76 Ag '56.

Methods for evaluating the operating properties of motor oils. V.F.Filippov. Khim.i tekh.topl. no.8:67-72 S '56.

Motion of viscous fluids between the journal and the bearing. A.K.Nikitin. Inzh.sbor. 23:173-185 '56.

New cylinder oil for locomotives operating with superheated steam. A.M.Kuliev, I.F.Bildchenko, R.Sh. Kuliev. Azerb.neft.khoz. 35 no.6:30-33 Je '56.

Oil pockets in bearings of truck and tractor engines. G.Pis'mennyi. MTS 16 no.9:27-28 S '56.

Physicochemical state of lubricating oils used in internal combustion engines. E.G.Semenido. Azerb.neft. khoz. 35 no.8:30-32 Ag '56.

A published suggestion applied by industry. N.M. Dmitriev. Tekst.prom. 16 no.8:69 Ag '56.

Sprayer for the mechanical lubrication of molds. L.IA. Sukhman. Metallurg no.8:32-33 Ag '56.

Structure of insoluble particles in used motor oil. V.K. Liakhov. Vest.mash. 36 no.8:35-36 '56.

Syneresis of greases; effect of temperature on the syneresis of gels of lithium stearate in instrument oil. V.M.Martynov. Khim.i tekh.topl. no.9:53-58 S '56.

Synthesis and tests of multifunctional additives to oils used in gasoline and diesel engines. A.M.Kuliev and others. Azerb.neft.khoz. 35 no.6:30-33 Je '56.

LUCE, HENRY ROBINSON, 1898-

The "patrol service" of Henry Luce. B.Rozentsveig. Inostr.lit. no.9:245-249 S '56.

LUGOVTSOV, MAKSIM VLASOVICH, 1886-1956

Maksim Vlasovich Lugovtsov; an obituary. Stal' 16 no.8:756 Ag '56.

LUKANOV, KARLO, 1897-

People and events (biographical notes). Nov.vrem. 14 no.36:23-24 Ag '56.

LUMBER—DRYING
(see also subdivision under Pestovo; United States)

Drying beech lumber in clamps. D.L.Naumov. Der. prom. 5 no.9:21-22 S '56.

Drying techniques used in foreign countries. N.N.Gel. Der.prom. 5 no.9:26-28 S '56.

LUMBER—DRYING (Continued)
Sokolov, P. V. [Accelerated methods of drying wood; dry kilns and drying in hydrophobic liquids] Uskorennye sposoby sushki drevesiny; kamernaia sushka i sushka v gidrofobnykh zhidkostiakh. Moskva, Goslesbumizdat, 1956. 81 p.
Spacing for air drying of Siberian larch lumber. L. N. Krotov. Der. prom. 5 no. 9:18 S '56.
Time needed for drying pine and spruce boards and blocks in petrolatum. K. V. Guseva. Der. prom. 5 no. 8:13-14 Ag '56.

LUMBER—MENSURATION
Kozlenko, G.M. [The use of the slide rule in timber and lumber calculations] Primenenie logarifmicheskoi lineiki pri taksatsionnykh i lesokhoziaistvennykh vychisleniiakh. Moskva, Goslesbumizdat, 1955. 45 p.

LUMBER—TRANSPORTATION
(see also subdivision under Sysola River)
Hauling logs by truck trailer on ice roads. M. I. Kishinskii. Les. prom. 34 no. 9:4-7 S '56.
How a collective farm can obtain cars for the transportation of loads by rail. E. Nivinskii. Kolkh. proizv. 16 no. 9:47 S '56.
Korobov, V. N., and D. I. Kozhanov. [New machines for making seagoing rafts] Novye mekhanizmy dlia sploтki morskikh plotov. Moskva, Goslesbumizdat, 1956. 16 p. (Novaia tekhnika v VI piatiletke)
Over-all mechanization and automatization of work at landings. D. K. Voevoda, V. A. Gatskevich, A. V. Khudiakov. Mekh. trud. rab. 10 no. 9:28-31 S '56.
Train for preliminary and auxiliary operations on log-hauling railroads. Kh. Kh. Stundiukov, V. P. Trusov. Les. prom. 34 no. 9:8-11 S '56.
Transporting tree-length logs by semitrailer without pole. S. I. Karavashkin. Mekh. trud. rab. 10 no. 9:32-33 S '56.
Year-round construction of log roads. F. V. Vashlinev, N. A. Kotov. Les. prom. 34 no. 9:11-13 S '56.

LUMBER TRADE see subdivision under Canada

LUMBERING
(see also subdivision under Karpogory District; Komi A.S.S.R.; Tisza River; Turum District)
Forests are our wealth. V. Sergeev. Ogonek 34 38:16 S '56.
Handling tree-length logs at timber transshipment bases. M. A. Savinov. Les. prom. 34 no. 9:20-24 S '56.
Improve organization and increase labor productivity in logging camps. K. Ippolitov. Sots. trud. no. 8:63-72 Ag '56.
Lowering the amount of labor expended in preliminary and auxiliary operations in logging camps ("Organizing preliminary operations in felling areas." S. N. Sazhin. Reviewed by N. V. Novosel'tsev). Les. prom. 34 no. 9:30-31 S '56.
More lumber for collective farm construction. L. Bashkovich. Sel'. stroi. 11 no. 8:18-19 Ag '56.
Utilizing lumbering technology to the full. Mekh. trud. rab. 10 no. 9:3-4 S '56.
Where they work smoothly and in an organized manner. P. Lipkin. Sel'. stroi. 11 no. 8:16 Ag '56.

LUMBERING—MACHINERY
Korobov, V. N., and D. I. Kozhanov. [New machines for making seagoing rafts] Novye mekhanizmy dlia sploтki morskikh plotov. Moskva, Goslesbumizdat, 1956. 16 p. (Novaia tekhnika v VI piatiletke)
Means of over-all mechanization of lumbering operations. D. D. Erakhtin, G. M. Parfenov. Mekh. trud. rab. 10 no. 9:35-37 S '56.
Mechanized preliminary operations in logging. Les. prom. 34 no. 9:1-3 S '56.
Urgent problems in the over-all mechanization of lumbering. A. Zheludkov. Vop. ekon. no. 9:33-45 S '56.
Using stationary units for bucking tree-length logs. S. I. Rakhmanov. Les. prom. 34 no. 9:13-14 S '56.

LUMINESCENCE
Anomalies of bituminosity in strata of the middle Volga Valley. S. IA. Vainbaum, N. A. Koprova. Geokhim. met. polsk. nefti i gaza no. 2:89-93 '54.
Chemiluminescence method for investigating the mixing and flow of fluids. A. A. Ponomarenko and others. Dop. ta pov. L'viv. un. no. 5, pt. 2:88-89 '55.
Development and results of luminescence study of bituminosity for the past ten years. V. N. Florovskaia. Geokhim. met. polsk. nefti i gaza no. 2:92-103 '54.
Development in the utilization of luminophors. R. Globus, A. Azimov. Khim. prom. no. 3:184-185 Ap-My '56.
Investigation of chemiluminescence. L. K. Klimovskaia, V. E. Shmaevskii. Dop. ta pov. L'viv. un. no. 5, pt. 2:78-79 '55.
Luminescence spectra of certain iodide crystals. V. A. Arkhangel'skaia, P. P. Feofilov. Dokl. AN SSSR 108 no. 5:803-805 Je '56.
Luminescence study of the bituminosity of producing horizons in certain areas of the middle Volga Valley. S. IA. Vainbaum, N. A. Koprova. Geokhim. met. polsk. nefti i gaza no. 2:33-39 '54.
Method for luminescence analysis of water. I. G. Popov. Lab. delo 2 no. 4:7-9 Jl-Ag '56.
Methods of studying the luminescence of petroleum and bitumen by means of the comparative microscopic-spectrophotometer. S. P. Maksimov, V. A. Shamburov, R. G. Pankina. Neft. khoz. 34 no. 8:58-60 Ag '56.
Vaskovich, D. N. [Luminescence analysis in industrial sanitary chemistry] Liuminestsentnyi analiz v promyshlenno-sanitarnoi khimii. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 78 p.

LUMINESCENCE—SPECTRA
Absorption and luminescence spectra of polyatomic molecules. V. M. Agranovich, A. S. Davydov. Nauk. zap. Kiev. un. 14 no. 8:15-20 '55.

LUMPY JAW see Actinomycosis

LUNACHARSKOYE—HEALTH RESORTS, WATERING PLACES, ETC.
Health resort at Lunacharskoye. N. Semenov. Sots. Uz. 15 no. 7:12-13 Jl '56.

LUNAR ECLIPSES see Eclipses, Lunar

LUNCHROOMS see Restaurants, lunchrooms, etc.

LUNGS
"Lungs and heart of animals and man." V. N. Zhadenov. Reviewed by S. N. Bogoliubskii. Zool. zhur. 35 no. 6: 943-944 Je '56.
Pulmonary concentration of streptomycin following various methods of administration. M. A. Kasternaia, M. A. Chertkova. Antibiotiki 1 no. 3:26-27 My-Je '56.

LUNGS—ABSCESS
Surgical treatment of pulmonary suppuration complicated by empyema; concerning N. M. Amosov's article. V. S. Shapkin. Vest. khir. 77 no. 7:129-132 Jl '56.

LUNGS—CANCER
Results of surgery in pulmonary cancer [with summary in English, p. 169]. A. P. Kotcsov, B. V. Krasnogorov. Vest. khir. 77 no. 7:77-82 Jl '56.

LUNGS—DISEASES
Determination of carbonic anhydrase in the blood in chronic pulmonary diseases. A. E. Sigal. Terap. arkh. 28 no. 5:56-60 '56.
Hemosiderosis of the lungs in mitral valve diseases. L. E. Kevesh. Vest. rent. i rad. 31 no. 4:27-32 Jl-Ag '56.
Prevention of pulmonary diseases in sheep. V. I. Logantsova, A. A. Tronin, S. I. Silin. Veterinariia 33 no. 10: 71-73 O '56.

LUNGS—HYDATIDS
Partial relaxation of the right dome of the diaphragm simulating echinococcosis of the lung. L. L. Dorfman, E. I. Nikiforova. Vest. rent. i rad. 31 no. 4:71-74 Jl-Ag '56.
Treatment of echinococcosis of the lungs [with summary in English, p. 159]. S. Dimitrov. Vest. khir. 77 no. 7:71-76 Jl '56.

LUNGS—SURGERY
Changes in cardiovascular activity during and after radical surgery of the lungs [with summary in English, p. 159]. V. I. Struchkov and others. Vest. khir. 77 no. 7:64-70 Jl '56.
Effect of oxygen therapy on blood gas content in pulmonary cancer [with summary in English, p. 159]. L. M. Sidorova. Vest. khir. 77 no. 7:82-86 Jl '56.
Experimental data on the course and prevention of pleuropulmonary shock [with summary in English, p. 160]. M. G. Shraiber. Vest. khir. 77 no. 7:92-96 Jl '56.
Pneumonectomy for bronchiectasis with simultaneous ligation of patent ductus arteriosus. V. S. Shapkin. Vest. khir. 77 no. 7:136-139 Jl '56.

LUNGS—WOUNDS AND INJURIES
Radical surgery in military areas in gunshot wounds of the lungs. A. A. Bocharov. Voen.-med. zhur. no. 10: 10-18 O '55.

LUPINE
Feeding forage lupine to poultry. I. S. Skuratov. Sots. tvar. 28 no. 10:34-35 O '56.

LUPUS
Resochin in the treatment of lupus erythematosus. V. A. Rakhmanov, P. I. Ksanfopulo. Vest. ven. i derm. 30 no. 4:8-10 Jl-Ag '56.

LUTIDINE—PHYSIOLOGICAL EFFECT
Effect of lutidine on phosphorus metabolism in animals. E. F. Sopin. Nauk. zap. Kiev. un. 12 no. 7:157-158 '53.

LUTS, OSKAR, 1887-1953
"Spring." Oskar Luts. Reviewed by S. Preobrazhenskii. IUnost' no. 9:87-88 S '56.

LUTSEVICH, IVAN DOMINIKOVICH, 1882-1942
"Ruined nest," the IAnka Kupala play. E. Lensu. Polymia 34 no. 9:116-127 S '56.

LUTSK—HISTORY
In Lutsk, capital of volvodship; a sketch. IAroslav Halan. Zhovten' 6 no. 10:80-85 O '56.

LVOV—BICYCLES AND TRICYCLES
Anniversary. IAkiv Stelsiuk. Zhovten' 6 no. 10:8-11 O '56.

LVOV—BOOKSELLERS AND BOOKSELLING
Books of our friends. Ol. Syrota. Ukraina no. 10:23 O '56.

LVOV—DESCRIPTION
The city of Lvov is 700 years old. N. Bartoshyk. Slaviane no. 10:15-19 O '56.

LVOV—GEOGRAPHY—SOCIETIES
Review of the scientific sessions of the Department of Geography of the Lvov State University and the Lvov branch of the Geographical Society of the U. S. S. R. (1946-1953). A. T. Vashchenko. Nauk. zap. L'viv. un. 28:133-135 '54.

LVOV—HISTORIC HOUSES, ETC.
At the writer's museum. Vira Bon'. Zhovten' 6 no. 8:120-121 Ag '56.

LVOV—HISTORY
On the threshold of the eighth century. Ivan Krypiakevych, Hryhorii Koval'chak. Zhovten' 6 no. 9:94-106 S '56.

LVOV—PAINTING
Painters of Soviet Lvov. Oleh Charnovs'kyi. Zhovten' 6 no. 10:104-110 O '56.

LVOV—PLANTS, ORNAMENTAL
Results of the acclimatization of ornamental trees and shrubs in the city of Lvov and its vicinity. A. A. Shcherbina. Nauk. zap. L'viv. un. 26:105-112 '54.

LVOV—PRINTING
In the Ukrainian scientific research institute. M. D. Danilets'kii. Poligr. proizv. no. 4:12-13 Jl-Ag '56.

LVOV—SHOE INDUSTRY
Life. Zlatoslava Kamenkovych. Zhovten' 6 no. 10:12-19 O '56.

LVOV—THEATER
Actors from the Franko Theater. Amvrosii Buchma. Zmina no. 8:14-16 Ag '56.
Lvov. Teatr 17 no. 9:151-152 S '56.

LVOV—UNIVERSITIES AND COLLEGES
A university in his name. M. Tkachuk. Ukraina no. 10: 14 Ag '56.

LVOV DISTRICT—FORESTS AND FORESTRY
Forest groups in Lvov District and the conditions for their restoration. IE. I. Shishova. Nauk. zap. L'viv. un. 26:84-104 '54.

LVOV PROVINCE—FISH PONDS
Improvement of pisciculture. V. A. Zakhvatkin. Nauk. zap. L'viv. un. 26:58-63 '54.

LVOV PROVINCE—METEOROLOGY, AGRICULTURAL
Agro-climatic study of Lvov Province. M. S. Andrianov. Nauk. zap. L'viv. un. 26:90-101 '54.

LVOV PROVINCE—PHYSICAL GEOGRAPHY
Characteristics of the Opol'ye natural-historical region in Lvov Province. G. A. Zil'ber. Nauk. zap. L'viv. un. 28:84-96 '54.
Plan for dividing Lvov Province into natural history regions. G. A. Zil'ber. Dop. ta pov. L'viv. un. no. 5, pt. 2:65-68 '55.

LVOV PROVINCE—SERICULTURE
Conditions for the development of silkworms in Lvov Province. N. V. Tynnyi. Nauk. zap. L'viv. un. 26:80-84 '54.

LVOV PROVINCE—SILKWORMS
Selection of silkworm races most suitable for raising in Lvov Province. N. V. Tynnyi. Dop. ta pov. L'viv. un. no. 5, pt. 2:26-30 '55.

LVOV PROVINCE—SUGAR BEETS—HARVESTING
Secret of success. N. I. Senik. Nauka i zhizn' 23 no. 9: 25-27 S '56.

LVOV UNIVERSITY—HISTORY
Toward light, science, and culture. IEvhen Lazarenko. Zhovten' 6 no. 8:124-128 Ag '56.

LYE
Study the precipitate obtained from cadmium chloride in the presence of Seignette's salt and lye. O. Y. Komlev, Z. H. Halanets'. Nauk. zap. L'viv. un. 34:134-137 '55.

LYGAEIDAE
Eggs of true Hemiptera-Heteroptera. Part 2: Lygaeidae. L. V. Puchkova. Ent. oboz. 35 no. 2:262-284 '56.

LYMPHATICS—INNERVATION

Interoceptive reactions from lymph nodes under the effect of ionizing radiation on the organism. IU. M. Zaretskaia. Med. rad. 1 no. 3:20-29 My-Je '56.

LYSENKO, MYKOLA VYTAL'IEVYCH, 1842-1912

Bard of the Ukraine; from the reminiscences of Ostap Lysenko. Ukraina no. 19:18-20 O '56.

Love for the people bound them together; reminiscences. Ostap Lysenko. Ukraina no. 16:10-11 Ag '55.

LYUBERTSY—BRIQUETS

Producing iron-coke briquets made of Far-Eastern ores and coals. L. A. Lur'e, B. M. Ravich. Metallurg no. 8:4-6 Ag '56.

LYUBIMOVKA—INSURANCE, SOCIAL

Care given to old collective farm people. N. Kovalev. Sov. Ukr. 6 no. 8:188-189 Ag '56.

LYUBOKHNA—COREMAKING

Pneumatic transportation of used core sand. V. E. Taruntaev. Lit. proizv. no. 8:15 Ag '56.

MACEDONIAN POETRY—HISTORY AND CRITICISM

Notes on Macedonian poetry. L. T'Simashkova. Polymia 34 no. 9:138-142 S '56.

MACHINE ACCOUNTING

Graduation of engineer specialists in machine accounting. Bukhg. uchet 15 no. 8:82-83 Ag '56.

Introduce new organizational practices in machine accounting. M. Tukachinskii. Bukhg. uchet 15 no. 8: 10-16 Ag '56.

Machine accounting in machine-tractor stations and on collective farms. Nauka i pered. op. v sel'khoz. no. 9:23 S '56.

Machine accounting of payments from tenants. P. Shipchenko, S. Kanterman. Bukhg. uchet 15 no. 8:42-45 Ag '56.

Over-all mechanization of accounting and calculating operations. F. F. Chaikin. Avt. i trakt. prom. no. 7:5-9 Jl '56.

Standard computations on keyboard calculating machines. F. Starodubtsev. Bukhg. uchet 15 no. 8:35-42 Ag '56.

MACHINE DESIGN see Machinery—Design

MACHINE-GUN DRILL AND TACTICS

Determining the effective fire of machine guns with dispersion in width. K. TSvetaev. Voen. vest. 36 no. 9: 53-58 S '56.

MACHINE GUNS

"Firing heavy machine guns," N. P. Semikolenov. Reviewed by A. Poletaev. Voen. vest. 36 no. 9:90-92 S '56.

MACHINE-SHOP PRACTICE

Kostiachenko, A. P., and I. A. Molchan. [Machine-shop practice] Slesarnoe delo. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 226 p.

Krogius, R. B. [Mechanic engaged in repairing simple equipment] Slesar' po remontu neslozhnogo oborudovaniia. Moskva, Gos. izd-vo obor. promyshl. 1956. 101 p. (Uchebnaia literatura dlia podgotovki molodykh rabochikh)

Makienko, N. I., and others. [Machine-shop practice and a fundamental knowledge of materials] Slesarnoe delo s osnovami materialovedeniia. Izd. 2-oe. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 414 p.

Melamed, G. I. [Rapid technological preparation machine shops for production] Skorostnaia tekhnologicheskaia podgotovka proizvodstva mekhanoobrabatyvaiushchikh tsekhov. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 82 p. (Peredovoi opyt zavodov)

New methods for repairing steam-pneumatic stamping ob'ev, IU. N. Sychev. Vest. mash.

cylindrical objects. Nauch. zap. IMA 83-97 '55.
G. A. Kokroshvili.

Mechanization of metal chips removal from machine-tools. B. N. Morozov. Stan. i instr. 27 no. 7:43 Jl '56.

Modernizing the machinery at the Ural Machine Building Plant. V. D. Tarakhtii. Vest. mash. 36 no. 6:59-64 Je '56.

MACHINE TOOLS—BIBLIOGRAPHY see Bibliography—Machine tools

MACHINE TOOLS—EXHIBITIONS see subdivision under Hanover

MACHINE TOOLS—NUMERICAL CONTROL

Program controlled machines. V. G. Zusman, I. A. Vulfson. Stan. i instr. 27 no. 7:1-9 Jl '56.

MACHINE-TRACTOR STATIONS
(see also subdivision under Azerbaijan; Chelyabinsk Province; Cherkess Autonomous Province; Naro-Fominsk District; Panfilovo (Stalingrad Province); Ruzhichna District; Tashkent Province; Tomsk Province; Ulyanovsk Province)

Communists at machine-tractor stations delve into economics. I. Ryzenkov. Part. zhizn' no. 16:51-57 Ag '56.

Complete your obligations to the Government fully and on time. MTS 16 no. 8:1-3 Ag '56.

Field work on collective farms should be of high quality and fulfilled in time. D. Startsev. MTS 16 no. 8:17-18 Ag '56.

How we struggle for early fulfillment of tasks of the sixth five-year plan in agriculture. Z. Meniakhmetov. Khlopkovodstvo 6 no. 8:12-16 Ag '56.

Increasing agricultural production. A. Makarov. MTS 16 no. 8:4-7 Ag '56.

Lower material expenditures at machine-tractor stations. M. Lapshin. MTS 16 no. 8:15-16 Ag '56.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Machine-tractor station" pavilion; a guidebook] Pavil'on "Usad'ba MTS"; putevoditel', Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 20 p.

New system of organizing labor; exchange of experience. Sots. sel'khoz. 27 no. 8:69-75 '56.

News from machine-tractor stations. MTS 16 no. 8:45-48 Ag '56

News from machine-tractor stations. MTS 16 no. 9: 46-48 S '56.

Obligations have been fulfilled. S. Rubinskii. MTS 16 no. 8:7-9 Ag '56.

Resources for lowering expenses at machine-tractor stations per centner of goods paid in kind. A. Volovik, M. Slavkin. Fin. SSSR 17 no. 9:42-46 S '56.

Ruskol, A. A., and N. G. Salishcheva. [The legal status of machine-tractor stations and the character of their contractual relations with collective farms] Pravovoe polozhenie mashinno-traktornoi stantsii i kharakter ee dogovornykh otnoshenii s kolkhoznikami. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 150 p.

Subject and tasks of the discipline "Organization of socialist agricultural enterprises." N. Vlasov. Sots. sel'khoz. 27 no. 6:76-89 '56.

We need an increase in production, not in the acreage of surface tillage. Nauka i pered. op. v sel'khoz. no. 9: 31-33 S '56.

Work of crews under the guidance of agronomists. G. Sopov. MTS 16 no. 8:22-23 Ag '56.

MACHINE-TRACTOR STATIONS—ACCOUNTING
(see also subdivision under Akmolinsk Province)

Introducing principles of business accounting. B. Rostislavskii. MTS 16 no. 8:10 Ag '56.

Simplify bookkeeping at machine-tractor stations. M. TSeitlin, N. Gurin. MTS 16 no. 9:12-13 S '56.

MACHINE-TRACTOR STATIONS—HYGIENIC ASPECTS

Shangin, N. I. [Work hygiene for machine-tractor station employees] Gigiena truda rabochikh MTS. Izd. 2-e, ispr. i dop. Moskva, Gos. izd-vo med. lit-ry, 1956. 44 p. (Nauchno-populiarnaia meditsinskaia literatura)

MACHINE-TRACTOR STATIONS—SAFETY MEASURES see subdivision under Panfilovo (Stalingrad Province)

MACHINERY

Efficiency innovators and inventors of Moscow's local industries. S. R. Fel'dman. Gor. khoz. Mosk. 30 no. 7:27-30 Jl '56.

Machine for fabricating corrugated hoops. A. A. Safronovich. Vest. mash. 36 no. 6:57-59 Je '56.

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION

[Machine building; abstracts nos. 23101-24800] Referativnyi zhurnal: Mashinostroenie no. 18 S '56.

Scientific technical conference on increasing the durability of machines. G. A. Kiselev. Vest. mash. 36 no. 6:79-80 Je '56.

MACHINERY—DESIGN

Formulae for the calculation of rings. B. A. Shtalev. Vest. mash. 36 no. 6:25-29 Je '56.

Graphoanalytic method for investigating and designing three-dimensional first group mechanisms with lower pairs. P. B. TSvilak. Trudy Sem. po teor. mash. 16 no. 62:28-42 '56.

Methods for designing durable machinery. A. S. Fronikov. Vest. mash. 36 no. 6:3-12 Je '56.

MACHINERY—DICTIONARIES

Azerbaijani terminology in machine building technology [in Azerbaijani]. A. D. Mustafaev. Trudy Azerb. ind. inst. no. 8:137-144 '54.

Azerbaijani terms in machine-building technology. A. D. Mustafaev. Trudy Azerb. ind. inst. no. 9:144-149 '55.

MACHINERY—EXHIBITIONS

In the stands of the industrial exhibition. N. Zaserin, IU. Stepanov. Znan. sila 31 no. 9:6-7 S '56.

MACHINERY—LUBRICATION

Using molybdenum disulfide as a machinery lubricant; survey of foreign books and articles. I. IA. Al'shits. Vest. mash. 36 no. 8:81-83 '56.

MACHINERY—MAINTENANCE AND REPAIR

Khrushchov, M. M., ed. [Increasing the durability of machinery; a collection of articles] Povyshenie dolgovechnosti mashin; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 494 p.

MACHINERY—WELDING

Automatic submerged arc built-up welding of 52x150mm. orifices in damper plates. E. P. Dontsov, A. S. Shevlev. Proizv. opyt v obl. svarki no. 1:77-78 '56.

Effect of cold straightening on the dynamic strength of parts welded by the resistance process. V. B. Shitsepin. Svar. proizv. no. 8:7-10 Ag '56.

MACHINERY, AUTOMATIC

Automatic machine-part production counters on automatic lathes and other metal-cutting machines. A. I. Kuznetsov, D. A. Simonov. Priborostroenie no. 9:11 S '56.

Commercial automats for lunchrooms. O. Volkov, G. Rastiger. Nov. torg. tekh. no. 3:1-5 '56.

Photographic booth. I. Aizenshtein. Nov. torg. tekh. no. 3:6-7 '56.

MACHINERY, KINEMATICS OF

Effective graphic method for plotting a working diagram on the basis of a developed indicator diagram. N. B. Kadirov. Trudy Azerb. ind. inst. no. 8:123-130 '54.

Integral equations for the steady motion of rotating variable cross-section shafts accounting for displacement and gyroscopic moment. P. F. Ovchynnykov. Prykl. mekh. 2 no. 3:284-290 '56.

MACHINERY INDUSTRY
(see also subdivision under Kolomna; Leningrad; Mogilev)

Beletskii, D. G. [The over-all improvement of machine building production] Kompleksnoe sovershenstvovanie mashinostroitel'nogo proizvodstva. [Moskva] Moskovskii rabochii, 1956. 78 p.

Bonuses for the introduction of modern technology. A. Borukhovskii. Sots. trud. no. 8:49-53 Ag '56.

Intrafactory specialization and planning production in the machinery industry. M. Arshanskii. Vop. ekon. no. 9:19-32 S '56.

Production of complicated castings. L. S. Dreizin. Trudy Ural. politekh. inst. no. 60:112-116 '56.

Some tendencies in the development of the technology of modern machine construction. D. M. Berkovich, A. A. Zvorykin. Vop. ist. est. i tekh. no. 1:168-178 '56.

Syrkin-Shklovskii, L. E. [Classification of production reserves losses in machine building plants] Klassifikatsiia proizvodstvennykh rezervov (poter') mashinostroitel'nogo zavoda. Pod red. K. I. Klimenko. Tashkent, Izd-vo Akademii nauk UzSSR, 1956. 63 p.

Technical conference on the introduction of advanced production methods in machine building. Vest. mash. 36 no. 8:79-80 '56.

MACHINERY INDUSTRY—PRODUCTION STANDARDS

The beginning of a great work. Sots. trud. no. 8:8-10 Ag '56.

MADRID—CHEMISTRY, TECHNICAL—CONGRESSES

Twenty eighth International Industrial Chemistry Congress in Madrid. I. N. Lepeshkov. Zhur. neorg. khim. 1 no. 4:874-877 Ap '56.

MAGADAN PROVINCE—DISABILITY EVALUATION

It was necessary to start from the ground up. L. Reznikova. Sots. obesp. 17 no. 8:30-31 Ag '56.

MAGNESITE

Separation of magnesite and dolomite ores in heavy fluids. S. G. Evsiovich. Gor. zhur. no. 8:14-17 Ag '56.

MAGNESIUM ALLOYS

Chemical nature of intermetallic phases T in the ternary systems: magnesium-copper - zinc and magnesium-copper-nickel. V. I. Mikheeva, G. G. Babalan. Dokl. AN SSSR 109 no. 4:785-788 Ag '56.

Professor A. M. Bochvar's research in the field of light alloys. S. M. Voronov. Issl. splav. tsvet. met. no. 1:5-24 '55.

Smelting magnesium alloys in commercial-frequency induction furnaces of the crucible-type. V. S. Aslanov, E. I. Zheglova. TSvet. met. 29 no. 7:73-80 Jl '56.

MAGNESIUM-CADMIUM ALLOYS
Limits of chemical stability in magnesium cadmium alloys. F. A. Derkach, IU. M. Kolisnychenko, O. H. Kul'byk. Nauk. zap. L'viv. un. 34:72-78 '55.

MAGNESIUM-CADMIUM ALLOYS—CORROSION
Study of the corrosion resistance of solid metal solutions. Part 2. System Mg -- Cd. N. N. Gratsianskii, P. F. Kaliuzhnaia. Zhur. fiz. khim. 30 no. 6:1267-1277 Je '56.

MAGNESIUM-COPPER-NICKEL ALLOYS
Liquidus diagram of the magnesium - copper - nickel system. V. I. Mikheeva, G. G. Babaian. Dokl. AN SSSR 108 no. 6:1086 Je '56.

MAGNESIUM ORGANIC COMPOUNDS
Interaction of potassium borofluoride with styryl magnesium and phenylacetylenyl magnesium bromides. V. A. Sazonova, N. IA. Krondor. Zhur. ob. khim. 26 no. 7: 1876-1881 Jl '56.

MAGNESIUM-TIN-COPPER ALLOYS see Copper-magnesium-tin alloys

MAGNESIUM-ZINC-COPPER ALLOYS see Copper-magnesium-zinc alloys

MAGNET WINDING see Electromagnets

MAGNETIC AMPLIFIERS
Calculating a magnetic amplifier by the linearized characteristics of magnetization. L. V. Safris. Trudy RIIZHT no. 20:89-106 '56.

Characteristics of magnetic amplifiers with feedbacks. N. M. Tyshchenko. Avtom. i telem. 17 no. 6:532-539 Je '56.

Determining the optimum dimensions of a magnetic amplifier with a core in the shape of the letter Ш. V. N. Shostopalov. Sbor. trud. Inst. elektrotekh. AN URSR no. 13:146-152 '56.

Graphic-analytic calculation of push-pull magnetic amplifiers. M. E. Poturovskii. Elektrichestvo no. 7: 57-60 Jl '56.

Magnetic amplifier control of a two-phase induction motor. O. I. Aven, S. M. Domanitskii, A. IA. Lerner. Avtom. i telem. 17 no. 6:717-721 Ag '56.

Shunted-load magnetic amplifier and its application for protective relays. G. V. Subbotina. Avtom. i telem. 17 no. 6:540-548 Je '56.

Theory and calculation of a magnetic modulator operating on the principle of frequency doubling. M. A. Rozenblat. Radiotekhnika 11 no. 8:36-51 Ag '56.

Transformers with magnetic flux shunting; a new type of magnetic amplifier. O. G. Shapovalenko. Avtomatyka no. 1:40-51 '56.

Transitional processes in magnetic amplifiers used in regulation circuits. L. A. Grigorian. Dokl. AN Arm. SSR 15 no. 1:17-21 '52.

Transitional processes in magnetic amplifiers with flexible feedback coupling, used in regulation circuits. L. A. Grigorian. Dokl. AN Arm. SSR 15 no. 3:79-84 '52.

Transitional processes in multistage magnetic amplifiers with internal feedback coupling. L. A. Grigorian. Dokl. AN Arm. SSR 15 no. 5:135-138 '52.

MAGNETIC FIELDS
Energy spectrum of electrons in crystals located in a magnetic field. G. E. Zil'berman. Zhur. eksp. i teor. fiz. 30 no. 6:1092-1097 Je '56.

Some questions on the problem "The Nebulae and the Magnetic Field." G. A. Shain. Astron. zhur. 33 no. 3: 305-314 My-Je '56.

MAGNETIC FIELDS—PHYSIOLOGICAL EFFECT
Effect of a permanent magnetic field on the phenomenon of Sechenov's inhibition. E. V. Seitvanova, G. M. Erdman. Biofizika 1 no. 5:412-415 '56.

MAGNETIC INDUCTION
Calculating the curves of transition processes in the case of impulse magnetic reversal of ferrite cores. N. V. Khrushchova. Avtomatyka no. 2:74-81 '56.

MAGNETIC INSTRUMENTS
Approximate theory of magnetic-modulated data transmitters. M. D. Ageev. Avtom. i telem. 17 no. 6:746-758 Ag '56.

MAGNETIC MATERIALS
Investigation of ferromagnetic suspensions used in electromagnetic couplings with ferromagnetic filler. M. A. Tomashevskii. Trudy MAI no. 57:21-36 '56.

MAGNETIC RECORDERS AND RECORDING
Amateurs' magnetic recorder. A. Kozyrev, M. Fabrik. Radio no. 8:34-36 Ag '56.

Magnetic tapes. S. Nazarov. Radio no. 8:37 Ag '56.

Screens for magnetic recorder heads. D. Samodurov. Radio no. 8:36 Ag '56.

MAGNETIC SEPARATION OF ORES
Magnetization roasting of Kerch deposit ores and the removal of their arsenic content. S. K. Grebnev. Gor. zhur. no. 8:21-25 Ag '56.

Present state and prospects for using magnetization roasting of iron ores. A. M. Parfenov. Gor. zhur. no. 8:17-21 Ag '56.

MAGNETISM, TERRESTRIAL see subdivision under Arctic regions

MAGNETOSTRICTION
"Parity" effect in single crystals. G. P. D'iakov. Vest. Mosk. un. 11 no. 5:43-48 My '56.

MAGNETRONS see Oscillators, Electron-tube

MAGNITOGORSK—BLAST FURNACES—REPAIRING
Progressive work practices of furnace attendants in repairing the jacket and cinder notch. Metallurg no. 8:11-12 Ag '56.

MAGNITOGORSK—BUILDING
Construction practice in Magnitogorsk. I. Rozhkova. Arkhit. SSSR no. 7:31-33 '56.

MAGNITOGORSK—CHILDREN'S CLUBS
A friend of Magnitogorsk children. M. Gorel'ko. Klub 6 no. 9:0 S '56.

MAGNITOGORSK—MINING ENGINEERING
Potentialities for increasing labor productivity in the Magnitogorsk mine. I. S. Shitov, N. G. Antonov, A. F. Tikhovodov. Gor. zhur. no. 9:8-11 S '56.

MAGNITOGORSK—PRECAST CONCRETE
Factory for large-paneled apartment house building. A. K. Mkrtumian, A. S. Krivorotov. Strol. prom. 34 no. 8:14-19 Ag '56.

MAGNITOGORSK—SMELTING—EQUIPMENT AND SUPPLIES
Hydroblast cleaning of molds at the Magnitogorsk Metallurgical Combine. I. M. Krasinskii. Metallurg no. 8: 31-32 Ag '56.

MAGPIES see subdivision under Tajikistan

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930
The method of socialistic realism in the works of Maiakovskii. S. O. Melik-Nubarov. Uch. zap. Eriv. gos. russ. ped. inst. 5:55-71 '55.

Problem of the lyric hero in the works of V. V. Maiakovskii during the civil war (1918-1920). S. O. Melik-Nubarov. Uch. zap. Erev. gos. russ. ped. inst. 4:115-134 '55.

MAIZE see Corn (Maize)

MAKE-UP, THEATRICAL
Shukhmina, T.M. [Theatrical make-up] Grim. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956, 79 p., illus. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 23)

MAKEYEVKA—OPEN-HEARTH PROCESS
Using fluxes to thin the slag in molds in the process of pouring rimmed steel. K. S. Alferov, V. O. Kulikov, T. G. Kovaleva. Metallurg no. 9:22-24 S '56.

MAKINSK DISTRICT—CORN (MAIZE)
The Makinsk Machine-Tractor Station is striving for high corn yields. P. Balandin. Kukuruza 1 no. 3:51-52 Je '56.

MAKSAKOV, VLADIMIR VASIL'EVICH, 1886-
On Professor V. V. Maksakov's 70th birthday. Ist. arkh. no. 4:284-285 Jl-Ag '56.

MAKSIMIL'YANNOVKA—FARM BUILDINGS
Villages change their face. S. Shtan'ko. Sots. kul't. 10 no. 9:13-14 S '56.

MAKSYMOVYCH, MYKHAILO ALEKSANDROVYCH 1804-1873
Mychailo Aleksandrovych Maksymovych; on the 150th anniversary of his birth. I. P. Bilokin'. Nauk. zap. Kiev. un. 13 no. 8:219-225 '54.

MALARIA
(see also subdivision under Armenia; Azerbaijan; Germany East; Lithuania; Samarkand Province; Yartsevo District)
"Construction of reservoirs and the problem of malaria." IA. A. Mogilevskii. Gig. i san. 21 no. 8:57-59 S '56.

Investigations of methods of radical chemoprophylaxis and of complete cure of tertian malaria with short and long incubation periods. Report no. 7: Results of using quinocide in the treatment of tertian malaria with various possibilities of reinfection. F. I. Fastovskaia, A. IA. Lysenko, F. N. Shchelkunova. Med. paraz. i paraz. bol. 25 no. 3:222-226 Jl-S '56.

Relapses in tertian malaria with a short and long incubation period and the reasons for its occurence. N. V. Platonov and others. Med. paraz. i paraz. bol. 25 no. 3:272 Jl-S '56.

Vitamin C and malaria. A. T. Simonian. Dokl. AN Arm. SSR 9 no. 2:93-95 '48.

MALARIA—DIAGNOSIS
Problem of the differential diagnosis of malaria from leptospirosis. N. V. Muraviev. Zhur. mikrobiol., epid. i immun. 27 no. 8:97-101 Ag '56.

MALARIA—PREVENTION
Features of the control of malaria among waterway workers of the Volga-Don Canal. E. P. Razumova. Med. paraz. i paraz. bol. 25 no. 3:258-259 Jl-S '56.

Results of combatting malaria and other parasitic diseases in the R. S. F. S. R. during the period 1951-55 and tasks for 1956-60. A. S. Kevtun. Med. paraz. i paraz. bol. 25 no. 3:202-206 Jl-S '56.

MALAYA—LABOR AND LABORING CLASSES
Role of the working class in the national liberation movement of Malaya. V. S. Rudnev. Krat. soob. Inst. vost. no. 20:17-26 '56.

MALFORMATIONS see Deformities

MALIUTIN, IAKOV OSIPOVICH, 1886-
In honor of IA. O. Maliutin. Teatr 17 no. 8:187 Ag '56.

MALYSHKIN, ALEKSANDR GEORGIEVICH, 1892-1938
"People from afar," a novel by A. G. Malyshkin as a work of socialist realism. L. M. Farber. Uch. zap. GGPI 16:79-102 '56.

MAMEDALIEV, IUSUF GEIDAROVICH, 1906-
IU. G. Mamedaliev's 50th birthday. Azerb. neft. khoz. 35 no. 2:32 F '56.

MAMLYUT DISTRICT—GAME AND GAME BIRDS
In a territory where game is abundant. P. Manuilov. Ogonek 34 no. 39:31 S '56.

MAMMALS—ANATOMY
Morphology of the oblique external abdominal muscle in some mammals. M. F. Volkoboi. Nauk. zap. Kiev. un. 8 no. 7:309-316 '50 [1. c. '49].

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAMMALS—PARASITES see Parasites—Mammals

MAMMALS, FOSSIL
Accumulation of certain chemical elements in fossil bones of vertebrates. V. V. Lavrov. Dokl. AN SSSR 108 no. 6:1113-1116 Je '56.

MAMMARY GLANDS
Adipose tissue in the stroma of the mammal gland in cattle foetus. V. M. Gorbunov. Dokl. AN SSSR 108 no. 5:941-943 Je '56.

MAMMOTH see subdivision under Dnieper Valley; Siberia

MAMONTOV, IGOR IVANOVICH
Chief engineer. V. Simin. Strol. mat., izdel. i konstr. 2 no. 8:18-19 Ag '56.

MANAGEMENT, INDUSTRIAL see Industrial management

MANDIBULAR NERVE—BLOOD SUPPLY
Arteries supplying the extracranial mandibular nerve and its branches in man. E. L. Fraifel'd. Arkh. anat. gist., i embr. 33 no. 2:95 Ap-Je '56.

MANGANESE—TOXICOLOGY
Changes in chronaxy caused by manganese intoxication. O. P. Makarchenko. Fiziol. zhur. [Ukr.] 2 no. 3:68-77 My-Je '56.

Makarchenko, A.F. [Modifications of the nervous system in manganese poisoning] Izmeneniia nervnoi sistemy pri intoksikatsii margantsem. Kiev, Izd-vo Akademii nauk USSR, 1956, 317 p. (DAFM)

MANGANESE-ALUMINUM-COPPER ALLOYS see Copper-aluminum-manganese alloys

MANGANESE-LEAD-COPPER ALLOYS see Copper-lead-manganese alloys

MANGANESE ORES see subdivision under Chiatura

MANGANESE-TIN-COBALT ALLOYS see Cobalt-manganese-tin alloys

MANGANESE-TIN-NICKEL ALLOYS see Nickel-manganese-tin alloys

MANGAZEYA—HISTORY
History of Mangazeya and the Mangazeya sea route. IU. A. Limonov. Vest. Len. un. 11 no. 14:116-122 '56.

MANGEL-WURZEL
New tillage practices in growing mangels. G. M. Chikaliki. Nauka i pered. op. v sel'khoz. no. 9:14-15 S '56.

MANIC-DEPRESSIVE PSYCHOSES
Some clinical data on phase interrelations in the picture of manic-depressive psychosis (the "happy dream" symptom). E. A. Popov. Fiziol. zhur. [Ukr.] 2 no. 4: 18-20 Jl-Ag '56.

Some preliminary symptoms of manic-depressive psychoses. P. V. Biriukovych. Fiziol. zhur. [Ukr.] 2 no. 4:56-61 Jl-Ag '56.

MANILA CONFERENCE 1954 see Southeast Asia Collective Defense Treaty

MANN, THOMAS, 1875-1955
An unfinished novel of Thomas Mann. N. Vil'mont. Inostr. lit. no. 8:171-181 Ag '56.

MANNHEIM, KARL
Mantheim's "Sociology of knowledge" and the problem of objective truth. Adam Schaff. Vop. filos. no. 4: 116-128 '56.

MANOMETER
Damping device for manometers. M. M. Zolberman. Stan. i instr. 27 no. 7:45 Jl '56.
Development in designing mercury-free differential manometers and flow-meters. A. G. Nagatkin. Priborostroenie no. 8:18-21 Ag '56.

MANTISES see subdivision under Gissar Range

MANUAL TRAINING
More attention to manual training classes. V. M. Lukianenko. Rad. shk. 35 no. 9:39-41 S '56.

MANURE SPREADERS see Fertilizer spreaders

MANURES see Fertilizers and manures

MANUSCRIPTS
Exhibit of old manuscript books. A. N. Robinson. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:398-400 Jl-Ag '56.

MAP-PROJECTION
Transfer from stereographic coordinates to Gauss coordinates and the reverse. A. V. Butkevich. Geod. i kart. no. 4:44-46 Je '56.

MAPS, AGRICULTURAL see Agriculture—Maps

MARINE BIOLOGY
(see also subdivision under Pacific Ocean)
Museum of marine fauna and flora. Kitai no. 7:28-29 Jl '56.
The silent world (conclusion). Jacques Yves Cousteau, Frederic Dumas. Translated from the English by L. Zhdanova. IUnost' no. 9:75-86 S '56.

MARINE ENGINES
Development of main machine design in modern seagoing vessels. (Survey of foreign engineering.) I. S. Dashevskii. Vest. mash. 36 no. 9:73-82 S '56.

MARINE ENGINES—EXHIBITIONS see subdivision under London

MARINE FAUNA
(see also subdivision under Pacific Ocean; Soviet Far Ea
Some features of intraspecific morphological and biological variability exemplified by marine invertebrates [with English summary in insert]. V. V. Kuznetsov. Zool. zhur. 35 no. 8:1118-1130 Ag '56.

MARINE GAS TURBINES
Marine gas-turbine installation (from "Motor Ship," no. 431, 1956). Sudostroenie 22 no. 8:40 Ag '56.
Prospects for using free-piston gas generator turbines for ship propulsion (from foreign journals). F. M. Elistratov. Sudostroenie 22 no. 8:30-35 Ag '56.

MARINE PIPE FITTING
New method of controlling the fitting of steam pipe systems according to their bending moment. I. A. Batin, L. S. Dolginov. Sudostroenie 22 no. 8:15-19 Ag '56.
Use and repair of stuffing box gaskets. V. I. Nikolaev. Sudostroenie 22 no. 8:26-27 Ag '56.

MARITIME LAW
Problems in the codification of Soviet maritime law. V. Meshera. Mor. flot 16 no. 8:26 Ag '56.

MARITIME TERRITORY
A territory fabulously rich and eternally young. G. Khalileteskii. Mol. komm. 14 no. 8:58-66 Ag '56.

MARITIME TERRITORY—CHALCID FLIES
Some hymenoptera (Chalcidoidea and Serphoidea) parasites of scale insects in the Maritime Territory. B. M. Chumakova. Ent. oboz. 35 no. 1:109-119 '56.

MARITIME TERRITORY—DEER
Domestication of Japanese deer in Maritime Territory. L. P. Riashchenko. Biul. MOIP. Otd. biol. 61 no. 3:109 My-Je '56.

MARITIME TERRITORY—MOTION-PICTURE PROJECTION
The best motion-picture operator in the Maritime Territory. A. Vas'kov. Kinomekhanik no. 9:5-7 S '56.

MARITIME TERRITORY—ROCKS, IGNEOUS
Some secondary changes in acidic effusions in the southern Maritime Territory. M. A. Favorskaia. Izv. AN SSSR. Ser. geol. 21 no. 7:72-78 Jl '56.

MARITIME TERRITORY—WASPS
Some hymenoptera (Chalcidoidea and Serphoidea) parasites of scale insects in the Maritime Territory. B. M. Chumakova. Ent. oboz. 35 no. 1:109-119 '56.

MARKARIAN, MARO
Maro Markarian's lyrical verse ("Reflections." Translated from the Armenian. Reviewed by G. Il'chenko). Ogonek 34 38:16 S '56.

MARKETING
Defense of doctoral dissertations. Sov. torg. no. 7:44-45 Jl '56.

MARKETING OF FARM PRODUCE see Farm produce—Marketing

MARKETING OF FRUIT see Fruit—Marketing

MARKETS see subdivision under Kalinin

MARKING DEVICES
Machines for marking metal at the Novotagilka metallurgical plant. N. K. Riabokon'. Metallurg no. 9:31-33 S '56.
Marking of quality and high-quality steels. I. A. Beliaev. Metallurg no. 9:30 S '56.

MARKOPIDZH MASSIF—SERPENTINITES
Parental rocks of serpentinites of the Markopidzh Massif in the Greater Caucasus. A. I. Proskurko. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:3-12 '55.

MARKOV, ANDREI ANDREEVICH, 1856-1922
Some material for a biography of Academician A. A. Markov. A. V. Kol'tsov. Vop. ist. est. i tekh. no. 1:204-207 '56.

MARKOV, GEORGII MOKEEVICH
"Salt of the earth." G. Markov. Reviewed by Al. Griaznov. Mol. kolkh. 23 no. 8:7 Ag '56.

MARKOVIC, SVETOZAR, 1846-1875
In memory of Svetozar Markovic. Slaviane no. 10: 62 O '56.
Two new autographs by Svetozar Markovic. V. Karasev. Slaviane no. 9:38 S '56.

MARKOVYCH, MARIIA OLEKSANDRIVNA (VILINSKAIA), 1834-1907
"Marko Vovchok in literary criticism;" collection of articles, reviews, and notes." Reviewed by Nykyfor Padalka. Vitchyzna 24 no. 9:177-180 S '56.

MARKS DISTRICT—MOSQUITOES
Studying the mosquitoes in Marks District, Saratov Province. E. V. Potulova. Med. paraz. i paraz. bol. 25 no. 3:269 Jl-S '56.

MARMOTS
(see also subdivision under Daghestan; Tien Shan)
Marmots. D. Bibikov. Okh. i okh. khoz. no. 9:23-25 S '56.

MARRIAGE
Love at first sight and marriage. Vsem. stud. nov. 10 no. 8:9-10 Ag '56.

MARROW
Changes in the blood and bone marrow depending on age; experimental investigation. N. D. IUdina. Fiziol. zhur. [Ukr.] 2 no. 3:78-81 My-Je '56.
Changes in the bones of rats after injection of radioactive strontium [with summary in English]. L. A. Cherkasskii. Vop. onk. 2 no. 3:275-284 '56.

MARS (PLANET)
Mars is approaching the earth. V. Arsent'ev. Pioner no. 9:22-26 S '56.
Meetings with Mars. G. Tikhov. Znan. sila 31 no. 8: 1-5 Ag '56.
New phenomena on Mars. N. Barabashov. Ogonek 34 38:31 S '56.
Physical conditions on Mars. A. I. Lebedinskii. Dokl. AN SSSR 108 no. 5:795-798 Je '56.
The planet Mars. V. Ezerskii. Klub 6 no. 8:14-15 S '56.
The problem of life on Mars. V. G. Fesenkov. Astron. zhur. 33 no. 3:440-443 My-Je '56.
"Rendezvous" with Mars. G. A. Tikhov. Rabotnitsa 34 no. 9:18-19 S '56.

MARS (PLANET)—OPPOSITION, 1956
The great Opposition. V. Shishakov. Krest'ianka 35 no. 10:30 O '56.
The great opposition of Mars. IU. N. Lipskii. Priroda 45 no. 9:126 S '56.
Opposition of Mars near perihelion. Sem'ia i shkola 11 no. 9:20 S '56.

MARTENS see subdivision under Vologda Province

MARTOVYCH, LES', 1871-1916
Les' Martovych and Russian literature. V. M. Lesyn. Nauk. zap. L'viv. un. 19:102-109 '51.

MARTYCHENKO, OLEKSII
An innovator of stone work. A. Chudnovets'. Arkhit. i bud. 4 no. 4:10 Jl-Ag '56.

MARX, KARL, 1818-1883
The beginning of Karl Marx's social and political activity. A. V. Lukashev. Uch. zap. po nov. i noveish. ist. no. 2: 5-90 '56.

Bylov, Nikolai. [The black gospel; an analysis of two doctrines] Chernoe evangelie; razrez dvukh uchenii. Parizh, 1949. 143 p.
(CLU)
The K. Marx and F. Engels Museum. V. A. Radus-Zen'kovich. Vop. ist. no. 7:109-110 Jl '56.
K. Marx's letters concerning K. Fraas and some problems in modern biology. I. A. Khalifman. Agrobiologiia no. 4: 138-147 Jl-Ag '56.
"Karl Marx's development from a revolutionary democrat to a Communist" [in German]. George Mende. Reviewed by N. A. Sharypov. Vop. ist. no. 7:177-178 Jl '56.

MASIUTIN, IURII
The drawings of IUrii Masiutin. L. Rubinshtein. Sots. obesp. 17 no. 8:45-46 Ag '56

MASONRY
A leader of the over-all team of masons. Arkhit. i bud. 4 no. 4:9 Jl-Ag '56.
Work practice of Ivan Petkov. Arkhit. i bud. 4 no. 4:9 Jl-Ag '56.

MASONS (TRADE) see subdivision 'Stonemasons' under Ukraine

MASSAGE
Efficient massage of gymnasts and weight lifters. I. M. Sarkizov-Serazini and others. Teor. i prak. fiz. -kul't. 19 no. 8:598-605 '56.
Podrez, N. A. [The use of physical exercise and massage in the treatment of obesity] Primenenie fizicheskikh uprazhnenii i massazha pri ozhirenii. Moskva, Gos. izd-vo med. lit-ry, 1956. 73 p.
DAFM

MATCHCOVERS
My hobby. B. Gruin. Mol. mira no. 8:3 of cover '56.

MATERIAL HANDLING
Dynamic effects of containers on building elements. Strof. prom. 34 no. 9:42-46 S '56.
Mechanized unloading of burned dolomite from cupola furnaces. A. P. Alimov. Ogneupory 21 no. 5:230-233 '56.

MATERIALISM
Categories in historical materialism. V. Zh. Kelle, M. IA. Koval'zon. Vop. filos. no. 4:18-32 '56.

MATERIALISM, DIALECTICAL see Dialectical materialism

MATERIALS
Experiment as a means of historical and technological research. I. L. Znachko-IAvorskii. Vop. ist. est. i tekh. no. 1:318-319 '56.

MATERIALS—CREEP see Creep of materials

MATERIALS, MAGNETIC see Magnetic materials

MATERIALS, STRENGTH OF see Strength of materials

MATERNAL AND INFANT WELFARE
They began differently. G. Galinina. Sots. obesp. 17 no. 4:12-13 Ap '56.

MATHEMATICAL CRYSTALLOGRAPHY see Crystallography, Mathematical

MATHEMATICAL PHYSICS
Agronovich, Z.S., and A.IA. Povzner. [The application of operational methods to the solution of some problems in mathematical physics] Primenenie operatsionnykh metodov k resheniiu nekotorykh zadach matematicheskoi fiziki. Khar'kov, Izd-vo Khar'kovskogo gos. univ. imeni A.M.Gor'kogo, 1954. 53 p.
Analytic continuation of generalized functions. N. N. Bogoliubov, O. S. Parasiuk. Dokl. AN SSSR 100 no. 4: 717-719 Ag '56.
Application of canonical expansions of random functions to the problem of determining optimum linear systems. V. S. Pugachev. Avtom. i telem. 17 no. 6:489-499 Je '56.
Determination of characteristic values of physical quantities by means of quantum distribution functions. IU. L. Klimontovich. Dokl. AN SSSR 108 no. 6:1033-1036 Je '56.
A method of calculating statistical functions for ferromagnets with allowance for restrictions on the spin-wave occupation numbers. V. V. Tolmachev, S. V. Tiablikov. Dokl. AN SSSR 108 no. 6:1029-1031 Je '56.
On the solution of Stefan's reverse problem on semispace when the phase boundary moves according to a linear law. G. A. Martynov. Dokl. AN SSSR 100 no. 2:279-282 Jl '56.
Possible general solution for problems on determining optimum dynamical systems. V. S. Pugachev. Avtom. i telem. 17 no. 7:585-589 Jl '56.
Solutions for boundary value problems on continuous devices designed for solving Cauchy problems. M. I. Obuvalin, I. I. Eterman. Inzh. sbor. 23:203-214 '56.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—HISTORY
(see also subdivision under China)
Collected works on the history of mathematics ("Studies in the history of mathematics," Reviewed by IU. M. Gaiduk). Priroda 45 no. 9:118-120 S '56.

MATHEMATICS—PHILOSOPHY
One use for the history of mathematics ("Mathematics and plausible reasoning." G. Polya. Reviewed by A. S. IAnovskaia). Vop. ist. est. i tekh. no. 1:290-293 '56.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.
Combined problems on progressions. V. Pavlov. Mat. v shkole no. 5:90-91 S-O '56.
On mathematical problems. V. M. Rozentuller. Mat. v shkole no. 5:26-31 S-O '56.
Problems. Mat. v shkole no. 5:94 S-O '56.
Solutions to problems published in issue no. 2 for 1956. Mat. v shkole no. 5:91-94 S-O '56.

MATHEMATICS—STUDY AND TEACHING
(see also subdivision under Moscow; Yugoslavia)
Applied science instruction in mathematics lessons. K. I. Shvetsov. Rad. shk. 35 no. 9:35-38 S '56.
Mathematics teaching section at the Institute of Methodology of the Academy of Pedagogical Sciences of the R.S.F.S.R. N. N. Nikitin. Mat. v shkole no. 5:88-89 S-O '56.
On the book "Mehodology of mathematics teaching." S. A. Gasteva. Reviewed by V. L. Minkovskii and others). Mat. v shkole no. 5:75-77 S-O '56.
Practical seminar for teachers of the Stalin Railroad. N. D. Mogil'nii. Mat. v shkole no. 5:86-87 S-O '56.
Russia (1917- R.S.F.S.R.) Glavnoe upravlenie vysshikh i srednikh pedagogicheskikh uchebnykh zavedenii. [Programs of pedagogical institutes; state examinations in mathematics (mathematics majors)] Programmy pedagogicheskikh institutov; gosudarstvennye ekzameny po matematike (spetsial'nost' - matematika). [Moskva] Uchpedgiz, 1956. 5 p.

MATRICES
Multiplication integral and an almost periodic matrix. V. N. Ivanov. Dokl. AN SSSR 109 no. 5:902-905 Ag '56.
Using matrixes for the solution of sets of normal equations. S. G. Makover. Astron. zhur. 33 no. 3:423-430 My-Je '56.

MATTHIOLA
On the origin of the double-type stock flowers (Matthiola incana R. Br.). Z. T. Artiushenko. Dokl. AN SSSR 108 no. 6:1187-1189 Je '56.

MATVEEV, ARKADII L'VOVOCH, d. 1956
A. L. Matveev. A. D. Nesterenko and others. Elektrichestvo no. 7:94 Jl '56.

MATVEEV, V. G.
A theme and its solution ("Seventeen-year olds," G. Matveev. Reviewed by M. Kapitsa, N. Sarafanova). Mol, Len.; al'm. 281-284 '56.

MAUSOLEUMS see subdivision 'Tombs' under Eskhakon Valley; Isfara District; Kamenka-Dneprovskaya; Talas Valley; Urup Valley

MAYMA VALLEY—CHERNOZEM SOILS
Characteristics of Chernozem meadow soils in the Mayma Valley (Gorno-Altay Province) [with French summary in insert]. B. V. Ostroumov. Pochvovedenie no. 6:110-124 Je '56.

MEADOWS see Pastures and meadows

MEALY BUGS see subdivision under Israel

MEASLES
Control of measles. A. I. Dobrokhotova. Sov. med. 20 no. 8:3-7 Ag '56.
Our practice in preventing and treating complications following measles in outpatients. E. M. Kozhukhar. Fel'd. i akush. 21 no. 9:32-34 S '56.

MEASUREMENT OF DISTANCES see Distances—Measurement

MEASUREMENT OF SOUND see Sound—Measurement

MEASUREMENT OF STREAMS see Stream measurement

MEASUREMENTS, ELECTRIC see Electric measurements

MEASURES see Weights and measures

MEASURING INSTRUMENTS
Instrument for measuring impact overloads. M. P. Khotiaintsev. Avtomatyka no. 2:94-95 '56.
[Measures and measuring instruments.] Mery i izmeritel'nye pribory nos. 9-11 '50.
New methods for fluid level measuring using radioactive isotopes. S. V. Medvedev, V. K. Layshev. Priborostroenie no. 8:6-9 Ag '56.
Pionskii, A. F. [Measurements and measures] Izmereniia i mery. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 61 p. (Nauchno-populiarnaia biblioteka, no. 37)
Preface. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5:3-4 '55.
Problems in controlling the shapes of cylindrical objects. K. B. Karandeev, R. I. Kriplakevich. Nauch. zap. IMA. AN URSR. Ser. avtom. i izm. tekh. 5:83-97 '55.
Three-component instrument for measuring cutting forces. V. I. Birlukov, E. D. Salomonovich. Trudy MNI no. 17:179-183 '56.
Ultrasonic thickness measuring instruments. I. N. Ermolov, M. F. Krakoviak. Priborostroenie no. 8:13-15 Ag '56.
Universal measuring instrument. N. Stoilarov. Sel'. stroi. 11 no. 8:13-14 Ag 56.

MEASURING INSTRUMENTS—EXHIBITIONS
Demonstration of the achievements of the Soviet instrument industry at the All-Union industrial exhibition. A. F. Gusakov, E. N. Radzivilov. Priborostroenie no. 9:1-6 S '56.

MEASURING WORMS
Alfalfa measuring worm. E. M. Soboleva. Zashch. rast. ot vred. i bol. 1 no. 2:42-43 My-Je '56.

MEAT, CANNED
New kinds of meat and milk products. L. Gutman. Sov. torg. no. 7:28-29 Jl '56.

MEAT INDUSTRY
(see also subdivision under Ukraine)
All efforts toward uninterrupted work. P. Khramikhin. Mias. ind. SSSR 27 no. 4:16-18 '56.
Exemplary preparation for the season of mass livestock processing. L. Burtsev. Mias. ind. SSSR 27 no. 4:1-5 '56.
In the Ministry of the Meat and Dairy Products Industry of the U. S. S. R. Mias. ind. SSSR 27 no. 4:57 '56.
Letters from our readers. Mias. ind. SSSR 27 no. 4:55-56 '56.
On the meat market [with summary in English]. IU. Kamenskii. Vnesh. torg. 36 no. 9:16-18 S '56.
Use meat strictly according to its designation. N. Grinberg. Mias. ind. SSSR 27 no. 4:47 '56.

MEAT INDUSTRY—ACCOUNTING
Initiative from the lower levels is needed. N. Karchevskii. Mias. ind. SSSR 27 no. 4:46-47 '56.
Let us eliminate excesses in the record system. P. Gushchin. Mias. ind. SSSR 27 no. 4:45-46 '56.

MEAT INDUSTRY—BIBLIOGRAPHY see Bibliography—Meat industry

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Simferopol)
New design of equipment for making patties. A. Gorbatov. Mias. ind. SSSR 27 no. 4:21-23 '56.
Suggestions of meat combine efficiency promoters. A. Lavrushin, I. Ol'shanskii. Mias. ind. SSSR 27 no. 4:48-50 '56.

MEAT INSPECTION see subdivision under Moscow

MECHANICAL DRAWING
Making drawings of steam-turbine diaphragms. N. D. Bystritskii. Energetik 4 no. 8:34-37 Ag '56.

MECHANICAL DRAWING—STUDY AND TEACHING
Developing designer routines in mechanical drawing courses. E. A. Ter-Pogosian. Mat. v shkole no. 5:54-58 S-O '56.
Innovations in teaching mechanical drawing. V. Egorenkov. Nar. obr. no. 9:42-47 S '56.
Kuz'menko, V. I. [Plans for lessons in mechanical drawing for class 8 of the secondary school] Plany urokov po chercheniiu dlia 8 klassa srednei shkoly; iz opyta raboty. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenita RSFSR, 1956. 76 p.
On A. A. Abrikosov's books "Mechanical drawing." Reviewed by S. N. Andreev. Mat. v shkole no. 5:78-80 S-O '56.

MECHANICAL ENGINEERING
(see also subdivision under Leningrad)
"Defense of theses at the Department of Technical Sciences of the Academy of Sciences of the Ukrainian S.S.R. in 1955." O. I. Kuiun. Prykl. mekh. 2 no. 2:233-234 '56.
Preface. I. I. Artobolevskii. Trudy Sem. po teor. mash. 16 no. 62:3-4 '56.
Readers' conference at Rostov-on-Don. A. A. Kokhtev. Vest. mash. 36 no. 9:88-90 S '56.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—PERIODICALS
Conference of the readers of periodical "Energomashinostroenie." Energomashinostroenie no. 9:30 S '56.

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MODELS—EXHIBITIONS see subdivision under Moscow

MECHANICAL STOKERS see Stokers, Mechanical

MECHANICAL WEAR
Laboratory evaluation of the wear resistance of steel subjected to sandpaper tests. M. M. Tenenbaum. Vest. mash. 36 no. 8:25-30 '56.

MECHANICS
Borodachev, N. A. [Principles for computing allowances and errors in dimensional and kinematic chains] Obosnovaniia metodiki raschota dopuskov i oshibok razmernykh i kinematicheskikh tsepei. Moskva, Izd-vo Akademii nauk SSSR.
Pt. 2. [Vector errors, linkage errors, effect of adjustment] Vektornye oshibki, sviazannye oshibki, vliianie regulirovok. 1946. 226 p.
History of integral variational principles in mechanics. A. T. Grigor'ian. Vop. ist. est. i tekh. no. 1:24-33 '56.
Peryshkin, A. V., and V. V. Kraukiis. [A course in physics; a textbook for class 8 of the secondary school] Kurs fiziki; uchebnik dlia 8-go klassa srednei shkoly. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenita RSFSR,
Pt. 1. [Mechanics] Mekhanika. 1956. 158 p.

MECHANICS—ABSTRACTS
[Mechanics; abstracts nos. 6357-7126] Referativnyi zhurnal: Mekhanika no. 10 O '56.

MECHANICS—ELECTRIC ANALOGIES see Electromechanical analogies

MECHANICS, ANALYTIC
"Analogy domain" of mechanisms used as a technique for studying the properties of hinged four-bar mechanisms. V. A. Tyshkevich. Trudy Sem. po teor. mash. 16 no. 62:11-25 '56.
Possible general solution for problems on determining optimum dynamical systems. V. S. Pugachev. Avtom. i telem. 17 no. 7:585-589 Jl '56.

MECHANICS, CELESTIAL
Riabov, IU. A. [The movement of celestial bodies] Dvizhenila nebesnykh tel. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 159 p.

MECHNIKOV, IL'IA IL'ICH, 1845-1916
I. I. Mechnikov, an outstanding Russian microbiologist; 40th anniversary of his death, 1916-1956. R. I. Belkin, G. V. Vygodchikov. Zhur. mikrobiol. epid. i immun. 27 no. 9:3-13 S '56.
I. I. Mechnikov and his contribution to Russian veterinary and agricultural microbiology; initial stage of his activities in the field of infectious pathology. A. I. Metelkin. Zhur. mikrobiol., epid. i immun. 27 no. 8:111-116 Ag '56.
I. I. Mechnikov's correspondence with English scholars. R. I. Belkin. Vop. ist. est. i tekh. no. 1:270-286 '56.

MEDIASTINUM—DISEASES
Induced mediastinal emphysema [with summary in English, p. 100]. E. V. Potemkina. Vest. khir. 77 no. 7:86-92 Jl '56.

MEDIASTINUM—TUMORS
Diagnosis of mediastinal tumors [with summary in English. N. P. Negovskii, I. D. Kuznetsov. Vop. onk. 2 no. 3:356-359 '56.

MEDICAL COLLEGES—HISTORY see subdivision under Moscow

MEDICAL ENTOMOLOGY see Insects as carriers of disease

MEDICAL GEOGRAPHY
Surgical pathology of specific geographical regions. N. F. Berezkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:159-167 '55.

MEDICAL INSTRUMENTS AND APPARATUS
A device for ridding pipettes, syringes and test tubes of radioactive contamination. N. N. Vasilevskii. Vest. rent. i rad. 31 no. 4:84-85 Jl-Ag '56.
In reference to S. A. Troitskii's letter. G. V. Derviz. Lab. delo 2 no. 1:29-30 Ja-F '56.
Letter to the editor. S. A. Troitskii. Lab. delo 2 no. 1:29 Ja-F '56.
Some proposals for the improvement of surgical instruments and apparatus used for diagnosis and treatment (a survey of papers received by the editor). IU. K. Kvashin. Khirurgiia 32 no. 6:80-83 Je '56.

MEDICAL SERVICE EMPLOYEES
Legal consultation. I. IA. Bychkov. Fel'd. i akush. 21 no. 7:57-59 Jl '56.

MEDICAL SOCIETIES
Work of Moscow Scientific Society of Research Physicians. T. V. Khitrovo-Goreva. Lab. delo 2 no. 2:32 Mr-Ap '56.

MEDICAL SUPPLIES
Substitution of test tubes for Petri's dishes. K. G. Medvinskaia. Lab. delo 2 no. 2:30 Mr-Ap '56.
Using glass caps in place of cotton stoppers. P. D. Antsin. Lab. delo 2 no. 4:28 Jl-Ag '56.

MEDICAL TESTS
Clinical importance of color sedimentation reaction of urine in brucellosis. G. M. Imamalieva. Lab. delo 2 no. 2:14-17 Mr-Ap '56.
Color sedimentation reaction as an additional criterion for determining the state of health. I. M. Ershov. Lab. delo 2 no. 2:18-19 Mr-Ap '56.
From the editorial board. Lab. delo 2 no. 2:19 Mr-Ap '56.
Methods for quick coloring of blood smears, punctates and impression preparations. N. G. Alekseev. Lab. delo 2 no. 1:31 Ja-F '56.
Quick coloring of Babesiella bovis parasites in blood smears. N. Dyl'ko. Lab. delo 2 no. 1:32 Ja-F '56.

MEDICAL ZOOLOGY see Zoology, Medical

MEDICATED BATHS see Baths, Medicated

MEDICINAL PLANTS see Botany, Medical

MEDICINE
Maistrakh, K. V. [Organization of medical and sanitary services for the rural population] Organizatsiia mediko-sanitarnogo obsluzhivaniia sel'skogo naselenia; lektsii. Moskva, Medgiz, 1955. 61 p. (Lektsii po organizatsii zdravookhraneniia dlia studentov meditsinskikh institutov)
(DA)

MEDICINE—ABSTRACTS
"Abstracts of Soviet medical literature," nos. 7 and 8. E. V. Litvinova. Vop. onk. 2 no. 3:374-376 '56.
[Abstracts of Soviet medical literature: Internal diseases.] Sovetskoe meditsinskoe referativnoe obozrenie: Vnutrennie bolezni no. 23 '56.
[Abstracts of Soviet medical literature: Normal and pathological physiology, biochemistry, pharmacology, and toxicology.] Sovetskoe meditsinskoe referativnoe obozrenie: normal'naia i patologicheskaia fiziologiia, biokhimiia, farmakologiia i toksikologiia no. 27 '56.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES
Second provincial conference of physicians specializing in laboratory work held in Saratov. N. S. Solun. Lab. delo 2 no. 3:31-32 My-Je '56.

MEDICINE—HISTORY
[Abstracts of Soviet medical literature: Public health, hygiene and sanitation, history of medicine.] Sovetskoe meditsinskoe referativnoe obozrenie: Zdravookhranenie, gigiena i sanitariia, istoriia meditsiny no. 19 '56.
[Abstracts of Soviet medical literature: Public health, hygiene and sanitation, history of medicine.] Sovetskoe meditsinskoe referativnoe obozrenie: Zdravookhranenie, gigiena i sanitariia, istoriia meditsiny no. 20 '56.
From the history of friendly cooperation of Russian and Polish scientists in the field of medicine. I. IA. Shapiro Sov. med. 20 no. 7:78-84 Jl '56.
Gorkii and his relation to Soviet medicine; 20th anniversary of the death of A. M. Gorkii. G. Mendelevich. Klin. med. 34 no. 6:74-81 Je '56.
Reflection of cultural bonds between peoples in the field of medicine. N. A. Bogolavlenskii. Fel'd. i akush. 21 no. 8:32-37 Ag '56.

MEDICINE—PERIODICALS
From the pages of new journals. Nauka i zhizn' no. 9: 61 S '56.

MEDICINE—PRACTICE
Medical tactics in ophtalmology. N. M. Pavlov. Trudy AN Tadzh. SSR 40:65-70 '55.

MEDICINE—STUDY AND TEACHING
Advanced training by correspondence for directing personnel in the public health service. V. V. Ermakov, M. G. Savchenko. Sov. med. 20 no. 7:74-77 Jl '56.
Electrically lighted stand illustrating the "Blood circulation in man." S. F. Mel'nik. Voen.-med. zhur. no. 10:77-78 O '55.
Further improvement in the quality of medical training. M. G. Sirotkina. Sov. med. 20 no. 7:69-73 Jl '56.
Some problems in the training of military medical personnel. A. P. Krasil'nikov. Voen.-med. zhur. no. 10:64-67 O '55.

MEDICINE, EXPERIMENTAL
Anthropoid apes in experimental medicine. L. A. Firsov. Priroda 45 no. 9:23-29 S '56.

MEDICINE, MILITARY
Organizing and conducting lessons in water camps. N. I. Denisov. Voen.-med. zhur. no. 10:68-70 O '55.
Our practice in the improvement of the work of medical centers in units. IA. V. Kesel', B. N. Shchupak. Voen.-med. zhur. no. 10:72-74 O '55.

MEDICINE, PREVENTIVE—CONGRESSES
Important event in medicine. A. S. Krivitskii. Nauka i zhizn' 23 no. 9:23-24 S '56.

MEDICINE, RURAL
Our practice in providing medical services in new lands. V. M. Krovko. Fel'd. i akush. 21 no. 9:40-41 S '56.

MEDICINE, VETERINARY see Veterinary medicine

MEDIEVAL ARCHITECTURE see subdivision 'Architecture Medieval' under Aspindza District

MEDITERRANEAN SEA—TUNA FISH
Tuna fish goes into the trap. N. Bakhtiarova. Vokrug sveta no. 8:32 Ag '56.

MEERSCHAUM see subdivision under Russian Platform

MEGRI DISTRICT—TICKS
Occurrence of Ixodes vespertilionis Koch, 1844 (Acarina, Ixodidae) in the Armenian S. S. R. A. M. Ogandzhanian. Dokl. AN Arm. SSR 10 no. 5:219-221 '49.

MELANOIDINS
Nonfermentability of melanoidins. A. G. Zabrodskii, V. A. Vitkovskaia. Mikrobiologiia 25 no. 3:318-326 My-Je '56.

MELBOURNE—DESCRIPTION
On the streets of Melbourne. O. Gudashev. Vokrug sveta no. 9:47-48 S '56.

MELBOURNE—OLYMPIC GAMES
Around Melbourne. Ogonek 34 no. 36:26-27 S '56.
Melbourne is ready for the Olympic games. Pioner no. 10:75-76 O '56.
Journey of the Olympic torch. Sp. igry 2 no. 6:26 Je '56.
Striving for Olympic prizes. J. Tailor. Mol. mira no. 8: 18 '56.

MELONS see subdivision under White Russia

MELOVOYE—COLLECTIVE FARMS
Reception in honor of the Illine'kyi family. A. TSukerman, V. Viktorov. Sots. kul't. 10 no. 9:19 S '56.

MELTING POINTS
Melting temperature of zinc, cadmium, thallium and antimony at pressures of up to 30,000 k/cm$^2$. V. P. Butuzov, E. G. Poniatovskii, G. P. Shakovskoi. Dokl. AN SSSR 109 no. 3:519-520 Jl '56.
Study of the ternary system: sulfur — bromine — iodine by the fusibility method. L. F. Denisova. Zhur. neorg. khim. 1 no. 4:758-771 Ap '56.

MEMBRANES, SYNOVIAL see Synovial membranes

MEMORY
Physiology of memory. O. Ovchinnikova. Nauka i zhizn' 23 no. 9:22 S '56.

MENDELEYEV VOLCANO
The state of Mendeleyev Volcano in the summer of 1954. E. K. Markhinin. Biul. Vulk. sta. no. 24:33-39 '56.

MENINGES—SYPHILIS
The state of the higher nervous activity in latent (asymptomatic) syphilitic meningitis. A. I. Sokolin. Vest. ven. i derm. 30 no. 4:21-24 Jl-Ag '56.

MENINGES—TUBERCULOSIS
Observations on the treatment of tuberculous meningitis with saluzid. A. L. Bernshtein, R. B. Krasil'shchik, A. A. Shelagurova. Klin. med. 34 no. 7:55-60 Jl '56.

MENSURATION—PROBLEMS, EXERCISES, ETC.
Kochetkova, E. S. [A collection of problems and exercises in stereometry; a manual for teachers] Sbornik zadach i uprazhnenii po stereometrii; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 174 p.

MERCANTILE LAW see Commercial law

MERCAPTO GROUP
Generation of potential currents in muscles during controlled changes in the structure of protein bodies and metabolism. Kh. S. Koshtoiants, S. S. Oganesian. Dokl. AN Arm. SSR 16 no. 4:123-127 '53.

MERCHANDISE, DISPLAY OF see Display of merchandise

MERCHANT MARINE
Potentialities in the merchant marine for the sixth five-year plan. N. Plotnikov. Mor. flot 16 no. 9:4-9 S '56.

MERCHANT MARINE—LAW see Maritime law

MERCHANTS, ARMENIAN
Russia's eastern trade in the 1830's and 1840's and the role played in it by Armenian merchants. A. IUkht. Izv. AN Arm. SSR, Obshchestv. nauki no. 8:43-62 Ag '56.

MERCURY
Adsorption of benzene and toluene vapors on a mercury surface. G. A. Vetrova, N. A. Izmailov. Nauch. zap. LPI no. 29:15-24 '55.
Adsorption of heptane, carbon tetrachloride and acetone vapors on the surface of mercury. G. A. Vetrova, N. A. Izmailov. Nauch. zap. LPI no. 29:35-46 '55.
Adsorption of methyl, ethyl, N-propyl and isopropyl alcohol vapors on the surface of mercury. G. A. Vetrova, N. A. Izmailov. Nauch. zap. LPI no. 29:25-34 '55.
Gutsov, N. T., and M. N. Gavze. [The effect of mercury as heat conductor on steel in power installations] Vozdeistvie rtuti kak teplonositelia na stali v energeticheskikh ustanovkakh. Moskva, Izd-vo Akademii nauk SSSR, 1956. 146 p.
Precise determination of gamma quantities of mercury [with English summary in insert]. V. I. Kuznetsov, E. V. Mitrofanova. Zhur. anal. khim. 11, no. 4:423-429 Jl-Ag '56.

MERCURY—TOXICOLOGY
Prevention of mercury poisoning while checking water gauging equipment. A. I. Zykin, A. D. Shapiro. Gig. i san. 21 no. 9:91 S '56.
Studying the process of escape of mercury fumes from differential pressure gauges during their graduation and use. V. P. Maevskaia, I. S. Naumova, E. I. Lysenko. Gig. i san. 21 no. 9:91 S '56.

MERCURY ACETATES
Study of the pinacone conversions with substituted acetylene residues. Part 12. Action of mercuric acetate on asymmetric dimethylphenyl-phenylacetylenylethylene glycol. E. D. Venus-Danilova, A. Fabritsy. Zhur. ob. khim. 26 no. 7:1901-1906 Jl '56.

MERCURY CHLORIDES
Extraction of mercuric chloride with the aid of solvent mixtures. V. I. Kuznetsov, E. V. Mitrofanova. Zhur. neorg. khim. 1 no. 5:1117-1121 My '56.
Photonephelometric determination of corrosive sublimate with urotropine and potassium iodide [with English summary in insert]. S. I. Kas'iannenko. Zhur. anal. khim. 11 no. 4:500-502 Jl-Ag '56.

MERCURY ELECTRIC LIGHT see Electric lighting, Mercury-vapor

MERCURY ELECTRODES see Electrodes, Mercury

MERCURY ORGANIC COMPOUNDS
Study of the stability of mercury thiourea complex compounds. V. F. Toropova. Zhur. neorg. khim. 1 no. 5: 930-937 My '56.

MERENDERA
Various blossom forms of Merendera trigyna. TS. R. Tonian. Dokl. AN Arm. SSR 10 no. 4:103-106 '49.

MERGANSERS see subdivision under Dnieper River

MÉRIMÉE, PROSPER, 1803-1870
Mérimée as the translator of Pushkin (The queen of spades). O. V. Timofeeva. Nauk. zap. L'viv. un. 34: 121-132 '53.

MESHCHERA—SCIENTIFIC EXPEDITIONS
Conference on the activities of the Oka-Meshchersk combined expedition organized by Moscow University. D. G. Vilenskii. Vest. Mosk. un. 11 no. 6:153-165 My '56.

MESONS
Charge distribution of mesons in nucleon antinucleon annihilation. A. I. Nikishov. Zhur. eksp. i teor. fiz. 30 no. 6:1149-1150 Je '56.
Disintegration and mass difference of heavy neutral mesons. IA. B. Zel'dovich. Zhur. i teor. fiz. 30 no. 6:1108-1109 Je '56.
Disintegration of beryllium and carbon nuclei as a result of $\pi^-$-meson capture. A. A. Varfolomeev, R. I. Gerasimova. Zhur. i teor. fiz. 30 no. 6:1160-1167 Je '56.
Energy spectrum of $\pi^-$-mesons produced by cosmic rays in photographic emulsions. A. A. Varfolomeev and others. Zhur. i teor. fiz. 30 no. 6:1104-1106 Je '56.
The energy spectrum of quanta from decaying mesons. A. A. Tiapkin. Zhur. eksp. i teor. fiz. 30 no. 6:1150-1157 Je '56.
Investigating the spectrum of meson masses at an altitude of 1000 m. above sea level. N. M. Kocharian and others. Dokl. AN Arm. SSR 15 no. 2:33-39 '52.
Production of slow $\pi^+$-mesons in photographic emulsion nuclei by 400 Mev protons and neutrons of 400 Mev effective energy. V. V. Alpers and others. Zhur. eksp. i teor. fiz. 30 no. 6:1025-1033 Je '56.
Production of slow $\pi^+$-mesons in photographic emulsion nuclei by 660 Mev protons. V. V. Alpers and others. Zhur. eksp. i teor. fiz. 30 no. 6:1034-1039 Je '56.
Radiation scattering of pions on nucleons. R. P. Haida. Dop. ta pov. L'viv. un. no. 5, pt. 2:84-85 '55.

MESOPOTAMIA—TAXATION, MOHAMMEDAN
"Islamic taxation in the classic period with special reference to circumstances in Iraq [in English]. F. Løkkegaard. Reviewed by L. E. Kubbel' [with English summary in insert]. Sov. vostokoved. no. 4:199-207 '56.

METABOLISM
Role of the metabolism of parents on the formation of sex in the progeny. V. N. Shreder. Usp. sovr. biol. 42 no. 1(33-50 Jl-Ag '56.

METAL CASTINGS

Investigating impurities in castings by means of radioactive isotopes. B. B. Gulisev and others. Lit. proizv. no. 8:25-27 Ag '56.

METAL CASTINGS—QUALITY CONTROL

Effect of gas pressure in riser heads on the quality of the casting. P. I. IAmshanov. Trudy Ural. politekh. inst. no. 60:135-139 '56.

METAL CLADDING

Electrometallization process for producing nuts for helical gear transmissions. IU. D. Pashin. Stan. i instr. 27 no. 7:43-44 Jl '56.

METAL CRYSTALS—MAGNETIC PROPERTIES

"Parity" effect in single crystals. G. P. D'iakov. Vest. Mosk. un. 11 no. 5:43-48 My '56.

METAL CUTTING

(see also subdivision under Minsk)

Circular milling of leg pins for cone bits. E. L. Markhasin, A. A. Petrosiants. Trudy MNI no. 17:243-246 '56.

Device for vibration cutter machine. G. Pokonechnyi. Avt. transp. 34 no. 8:30 Ag '56.

Dynamometer for measuring metal cutting forces. K. K. Namitokov, E. M. Ganapolskii. Vest. mash. 36 no. 8: 47-48 '56.

Effect of grinding factors on the roughness of finished surfaces. V. B. Liadskii, M. IA. Popereka. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:63-67 '55.

Krivoukhov, V. A., and A. L. Voronov. [High-frequency vibrations of the cutting tool during metal cutting] Vysokochastotnye vibratsii reztsa pri tochenii. Moskva, Gos. izd-vo obor. promyshl., 1956. 76 p. (Moscow. Aviatsionnyi Institut. Trudy, no. 67)

Machining polyhedrons without copying devices. N. M. Karelin. Vest. mash. 36 no. 8:42-46 '56.

Quality of surfaces machined by cutting tools with vibration-damping faces. Vest. mash. 36 no. 6:30-33 Je '56.

Shrinkage of cuttings. IU. A. Gritsaenko. Trudy MNI no. 17:207-220 '56.

Steadiness of cutting operations with divided heavy-duty electric drive. IA. S. Brovman, N. G. Teva. Stan. i instr. 27 no. 7:33-34 Jl '56.

Surface smoothness of parts machined at cutting speeds up to 2000 meters per minute. E. D. Salomonovich. Trudy MNI no. 17:184-186 '56.

Three-component instrument for measuring cutting forces. V. I. Biriukov, E. D. Salomonovich. Trudy MNI no. 17:179-183 '56.

Tracer control is a new technical facility for metal-cutting machines. IU. D. Vragov. Stan. i instr. 27 no. 7:13-15 Jl '56.

METAL CUTTING—BIBLIOGRAPHY see Bibliography—Meat cutting

METAL CUTTING—SAFETY MEASURES

Zagorskaia, E. P. [Safety engineering in metal cutting] Tekhnika bezopasnosti pri obrabotke metallov rezaniem. Moskva, Izd-vo "Morskoi transport," 1956. 69 p.

METAL-CUTTING TOOLS see Cutting tools

METAL DETECTORS see subdivision under Sweden

METAL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Metal industries

METAL INDUSTRIES—PRODUCTION STANDARDS

Indispensable changes. A. Krupitsa. Sots. trud. no. 8: 54-58 Ag '56.

Public control over the operation of the wage system. I. Zhdanov. Sots. trud. no. 8:73-76 Ag '56.

METAL SPRAYING

MTG three-wire head of the EM-6 metal sprayer for applying antifriction coatings. Sel'khozmashina no. 8: 31 Ag '56.

A three-wire head for metal spraying. A. M. Edelson. Vest. mash. 36 no. 8:04-06 '56.

METALLIC FILMS

The breakdown process in thin plate samples of a solid solution. M I Zakharova, I. N. Soboleva. Dokl. AN SSSR 109 no. 5:841-842 Je '56.

Studying the secondary emission in some metals and semiconductors in relation to their thickness. N. G. Nakhodkin. Nauk. zap. Kiev. un. 14 no. 8:209-221 '55.

METALLIC FILMS—OPTICAL PROPERTIES

Theory of light interference in thin absorbing films. N. D. Morgulis. Nauk. zap. Kiev. un. 14 no. 8:183-187 '55.

METALLOIDS

Advances in the chemistry of metalloid organic complexes. W. Haegi. [Translated from Bulletin de Société chimique de France, fasc. no. 4:581-587, by E. S. Khotinskii]. Usp. khim. 25 no. 7:903-914 Jl '56.

METALLURGIC CHEMISTRY see Chemistry, Metallurgic

METALLURGICAL FURNACES

(see also subdivision under India)

Kavaderov, A.V. - [Heating performance of flame metallurgical furnaces] Teplovaia rabota plamennykh metallurgicheskikh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 367 p.

METALLURGICAL LABORATORIES

Automatic mixing of molding materials on laboratory FB-2 jockey pulleys. N. T. Zharov. Trudy Ural. politekh. inst. no. 60:27-36 '56.

Device for evaluating the amount of scale on specimens. N. T. Zharov. Trudy Ural. politekh. inst. no. 60:47-53 '56.

METALLURGICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Laboratory machine for semicontinuous ingot casting. IU. D. Chistiakov. Issl. splav. tsvet. met. no. 1:126-129 '55.

METALLURGICAL PLANTS

(see also subdivision under Cherepovets; Dnepropetrovsk; Novotagilka; Tayen County, China; Zlatoust)

Conference on automatization of production processes in ferrous metallurgy. V. IU. Kaganov. Priborostroenie no. 9:27-28 S '56.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Mechanizing slag removal from slag pockets in open-hearth furnaces. V. F. Shumakov and others. Metallurg no. 9:14-16 S '56.

Scheduling and planning equipment repairing operations in metallurgical plants. I. E. Moshkevich. Metallurg no. 9:3-6 S '56.

METALLURGICAL RESEARCH

Interfactory institute for the improvement of technological and quality control of the production. A. M. Ofengenden, N. V. Samotosov. Metallurg no. 9:24-28 S '56.

METALLURGY

(see also subdivision under Dneprodzerzhinsk; Europe, Western; Stalinsk; Ust'-Kamenogorsk; Zhdanov; Zlatoust)

Conference of readers of the journal "Metallovedenie i obrabotka metallov" at the V. M. Molotov Automobile Plant in Gorkiy. Metalloved. i obr. met. no. 8:63-64 Ag '56.

Frank discussion; brief review of letters from the readers of this journal. Metallurg no. 8:33-34 Ag '56.

Intercollegiate scientific conference on the use of oxygen in metallurgy. E. Tret'iakov. Metallurg no. 8:35-36 Ag '56.

Metals of high purity. N. N. Murach. Nauka i zhizn' 23 no. 9:10-12 S '56.

[Problems of contemporary metallurgy; translations and surveys of foreign periodical literature] Problemy sovremennoi metallurgii 5 no. 5 '56. 163 p.

METALLURGY—ABSTRACTS

[Metallurgy; abstracts nos. 8209-8610] Referativnyi zhurnal: Metallurgiia no. 10 S '56.

METALLURGY—APPARATUS AND SUPPLIES

Feasibility of using magnesite necklace steel-pouring nozzles. K. V. Belobrov. Ogneupory 21 no. 5:227-228 '56.

METALLURGY—BIBLIOGRAPHY see Bibliography—Metallurgy

METALLURGY—HISTORY

A conference on the history of metallurgy. V. B. IAkovlev. Vop. ist. est. i tekh. no. 1:311-312 '56.

METALLURGY—STUDY AND TEACHING

Russia (1923- U. S. S. R.) Ministerstvo aviatsionnoi promyshlennosti. [Programs for youth finishing secondary schools designed for individual and group training in the heat treatment of metals in the machine building industry] Programmy dlia individual'noi i brigadnoi podgotovki termistov (v mashinostroenii) iz molodezhi, okonchivshei srednie shkoly. Moskva, Gos. izd-vo obor. promyshl., 1956. 29 p.

METALLURGY, PHYSICAL see Physical metallurgy

METALORGANIC COMPOUNDS see Organometallic compounds

METALS

Certain properties of surface-active metals. N. L. Pokrovskii. Zhur. neorg. khim. 1 no. 6:1383-1386 Je '56.

"Collected works" of the M. I. Kalinin Institute of Nonferrous Metals and Gold in Moscow. Reviewed by O. E. Zviagintsev. Zhur. neorg. khim. 1 no. 2:349-350. F '56.

Diffusion of boron, carbon and nitrogen into transition metals of the IV, V and VI group of the periodic system. G. V. Samsonov, V. P. Latysheva. Dokl. AN SSSR 109 no. 3:582-585 Jl '56.

Effect of metal ions on the stability of egg albumin complexes with ergosterin. G. A. Deborin, M. I. Bystrova, G. V. Ivashchenko. Izv. AN SSSR. Ser. biol. no. 4:116-120 Jl-Ag '56.

Markovskii, E. A., B. A. Meychan, and V. I. Stetsenko. [Radioisotopes in metal research] Radioaktivnye izotopy pri issledovanii metallov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 87 p.

Nikiforov, V. M. [Short course in the technology of metals] Kratkii kurs tekhnologii metallov. Izd. 2-oe, perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 352 p.

Photodesorption and photodissociation of molecules adsorbed by metals. P. E. Val'nev. Zhur. fiz. khim. 30 no. 6:1308-1315 Je '56.

Reactions of salts with metals as melts. Interaction in the system $PbCl_2 + Mg \rightarrow MgCl_2 + Pb$. A. P. Palkin, V. T. Redchenko. Zhur. neorg. khim. 1 no. 1:133-144 [Jan.] '56.

Reactions of salts with metals in melts. Interaction in the system: $CdCl_2 + Zn \rightarrow ZnCl_2 + Cd$. E. I. Elagina, A. P. Palkin. Zhur. neorg. khim. 1 no. 5:1042-1046 My '56.

Relation between heat generation and atomic volume of metals. M. G. Ramazanzade. Trudy Azerb. ind. inst. no. 8:119-122 '54.

Role of the physicochemical analysis in the chemistry of metals. I. I. Kornilov. Zhur. neorg. khim. 1 no. 6: 1368-1382 Je '56.

Separation of traces of various metals by means of coprecipitation. K. V. Troitskii. Zhur. neorg. khim. 1 no. 5: 1104-1116 My '56.

Thermoelectric method for the study of transformations in metals and alloys. A. A. Rudnitskii. Zhur. neorg. khim. 1 no. 6:1305-1321 Je '56.

METALS—ANALYSIS

Introductory speech at the opening of the meeting of the Metals Section at the third All-Union Conference on Physicochemical Analysis. N. V. Ageev. Zhur. neorg. khim. 1 no. 6:1358-1360 Je '56.

Separation of metals by the ion exchange chromatographic methods. R. N. Holovatyi. Nauk. zap. L'viv. un. 34:118-124 '55.

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—COLD WORKING

Peening machine parts by rolling with small rolls or balls. A. Chekholuz'ian. Mor. flot 16 no. 9:22-23 S '56.

METALS—CORROSION see Corrosion and anticorrosives

METALS—DEEP DRAWING see Deep drawing (Metalwork)

METALS—DEFECTS

Using particle accelerators for defectoscopy and radioscopy of thick-walled objects. A. A. Vorob'ev, V. A. Moskalev. Vest. mash. 36 no. 9:62-65 S '56.

METALS—FATIGUE

Fatigue resistance test of membranes. V. A. Moskalev. Priborostroenie no. 8:21-25 Ag '56.

Response to S. E. Khanin's article "Fatigue process in metals." P. I. Sokolovskii. Stal' 16 no. 8:741-742 Ag '56.

METALS—FINISHING

Investigating the effect of surface finishing on internal friction in steel. A. A. Moliakova. [Trudy] MVTU no. 41:204-212 '55.

X-ray analysis of surface layers of high-speed steel and hard alloys subjected to electric spark treatment. G. F. Kosolapov, IU. D. Tiapkin. [Trudy] MVTU no. 41:226-232 '55.

METALS—PEENING see Shot peening

METALS, EFFECT OF TEMPERATURE ON

Orientation significance of coefficients of yield limit rates of metals being subjected to pressure in hot working. I. L. Perlin. TSvet. met. 29 no. 8:71-72 Ag '56.

METALS, RARE AND MINOR

Fourth scientific and technical conference of the Irkutsk Institute of Rare Metals. A. S. Sinakevich. TSvet. met. 29 no. 8:63-64 Ag '56.

"Rare metals." C. A. Hampel. Reviewed by E. I. Gurovich. Zhur. neorg. khim. 1 no. 1:188-190 [Jan.] '56.

METALS AT HIGH TEMPERATURES

Bernshtein, M. L. [Steel and alloys for use at high temperatures] Stali i splavy dlia raboty pri vysokikh temperaturakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 238 p.

Effect of various addition agents on the protection of copper from oxidation at high temperatures. M. V. Zakharov, T. V. Kalinina. Issl. splav. tsvet. met. no. 1: 111-116 '55.

METALS AT LOW TEMPERATURES

Using low temperatures for joining permanent connections. S. I. Aranovich. Energomashinostroenie no. 8: 25-27 Ag '56.

METALWORK

"Engineering methods for evaluation of stresses due to metal presswork." E. P. Unksov. Reviewed by M. V. Storozhev, I. L. Perlin. Vest. mash. 36 no. 9:83-88 S '56.

METALWORK—BIBLIOGRAPHY see Bibliography—Metalwork

METALWORK—SAFETY MEASURES

Popilov, L. IA. [Safety engineering in the electrical working of metals] Tekhnika bezopasnosti pri elektricheskikh sposobakh obrabotki metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 174 p.

METALWORKING MACHINERY

Automatic machines for superfinishing ball races. Suggestion by V. F. Gorbov and others. Prom. energ. 11 no. 7:16-17 Jl '56.

METEORITES

(see also subdivision under Murgab Crater)

Determination of stresses in fragments of the Sikhote-Alin' meteorite. A. A. IAvnel'. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:252-262 '55.

Determining the isotopic composition of uranium from the stone meteorite Staroye Pes'yanoye. L. I. Shumoin and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:64-66 '55.

Discovery of inert gases in meteorites and their isotopic composition. E. K. Gerling. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:57-60 '55.

METEOROLOGICAL INSTRUMENTS

Contest for development of new meteorological instruments. Meteor. i gidrol. no. 7:62-63 Jl '56.

Kolokol'nikov, A. N. [Homemade meteorological instruments; a practical manual for teachers in secondary schools] Samodel'nye meteorologicheskie pribory; prakticheskoe rukovodstvo dlia uchitelei srednei shkoly. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 73 p. (Pedagogicheskaia biblioteka uchitelia)

METEOROLOGICAL OBSERVATORIES see subdivision under Hwa Mountains

METEOROLOGICAL OPTICS

Method of spherical functions in atmospherical optics. S. IA. Kogan. Dokl. AN SSSR 108 no. 6:1053-1055 Je '56.

Rose-colored overcast sky. A. D. Zamorskii. Meteor. i gidrol. no. 7:27-28 Jl '56.

Separate consideration of the various components of light attenuated by the atmosphere of the earth. T. P. Toropova. Dokl. AN SSSR 109 no. 2:295-298 Jl '56.

METEOROLOGY

(see also subdivision under Ukraine; Uzbekistan)

An advanced hydrometeorological bureau. A. V. Popov. Meteor. i gidrol. no. 7:62 Jl '56.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY, AGRICULTURAL see subdivision under Lvov Province; Ukraine

METEOROLOGY IN AERONAUTICS

Meteorological conditions flights at high altitudes. D. Timofeev. Grazhd. av. 13 no. 8:14-16 Ag '56.

METEORS

Determination of the spatial density of meteor showers. B. L. Khotinok. Astron. tsirk. no. 170:24-25 '56.

Fireball over the Ural Mountains. I. T. Zotkin. Astron. tsirk. no. 169:20-21 '56.

Levin, B. IU. [A physical theory of meteors and meteoric matter in the solar system] Fizicheskaia teoriia meteorov i meteornoe veshchestvo v solnechnoi sisteme. Moskva, Izd-vo Akademii nauk SSSR, 1956. 293 p.

New determination of the altitudes of telescopic meteors at Ashkhabad (1948-1955). A. K. Terent'eva. Astron. tsirk. no. 169:13-16 '56.

Path and orbit of the meteor of August 12, 1955, based on photographic data. A. N. Simonenko. Astron. tsirk. no. 170:21-22 '56.

Results of photographic observations of meteors in 1953 at the Stalinabad Observatory. L. A. Katasev, A. K. Sosnova. Biul. Stal. astron. obser. no. 15:10-13 '56.

Telescopic observations of meteors at sunrise and sunset. A. K. Terent'eva. Astron. tsirk. no. 169:16-17 '56.

Time notations for meteor photographs. E. Kramer. Astron. tsirk. no. 169:11-12 '56.

Why and how. Pioner no. 10:72-73 O '56.

METEORS—APRIL

Lyrids in 1956. A. Derbeneva, A. Sharonova. Astron. tsirk. no. 170:22-23 '56.

METEORS—DECEMBER

Radio study of the telescopic Geminid shower in 1953. I. S. Astapovich. Astron. tsirk. no. 169:17-20 '56.

METEORS—MAY

Three telescopic radiants of the Scorpionid shower. A. M. Bakharev. Astron. tsirk. no. 170:23-24 '56.

METERS, ELECTRIC see Electric meters

METHACRYLIC ACID

Origin of patterns of the failure surfaces of polymethylmethacrylate. G. A. Lebedev, E. V. Kuvshinskii. Dokl. AN SSSR 108 no. 6:1096-1097 Je '56.

METHANE

Measurement of the quantum yield in the oxidation of methane, sensitized by mercury. A. B. Nalbandian. Dokl. AN Arm. SSR 9 no. 3:101-103 '48.

Methane fermentation in manure. I. F. Romashkevich. Ud. i ur. 1 no. 8:62-64 Ag '56.

METHANOL

Determining methyl alcohol in methanol fractions. L. P. Volskaia, IU. P. Solov'eva. Gidroliz. i lesokhim. prom. 9 no. 6:18-19 '56.

Research in the field of the chemistry of heterocycles. Part 25. Synthesis of 9-phenylacridine from acyl derivatives of 2-amino-triphenylcarbinol. P. A. Petiunin, N. G. Panferova, M. E. Konshin. Zhur. ob. khim. 26 no. 7:2050-2052 Jl '56.

METHEMOGLOBIN

Studying the dynamics of the methemoglobin content of the blood of small animals. A. A. Porkrovskii. Farm. i toks. 19 no. 4:53 Jl-Ag '56.

METHIONINE

Diffusion of radioactive methionine ($S^{35}$) in proteins of various organs and tissues of cattle and rabbits. N. G. Belen'kii and others. Dokl. Akad. sel'khoz. 21 no. 8: 3-6 '56.

METHOD OF STUDY see Study, Method of

METHYL ALCOHOL see Wood alcohol

METHYL VIOLET

Method for determining antimony in urine with methyl violet. V. G. Mikhailov. Lab. delo 2 no. 3:12-13 My-Je '56.

METHYLATION

Methylation of pentanes with methyl chloride. IU. L. Khmel'nitskii, A. I. Doladugin, V. V. Nesterovskii. Khim. i tekh. topl. no. 9:34-39 S '56.

METHYLBUTYLENE

Catalytic dehydrogenation of isopentenes into isoprene. IU. G. Mamedaliev and others. Dokl. AN Azerb. SSR 12 no. 8:547-552 '56.

METHYLENE BLUE

Biochemical factors in gastric secretion and its regulation; diphasic action of methylene blue. Kh. Lind. Fiziol. zhur. 42 no. 7:592-596 Jl '56.

Conjugate reactions during the $\gamma$-irradiation of aqueous methylene blue solutions. A. I. Chernova, V. D. Orekhov, M. A. Proskurnin. Zhur. fiz. khim. 30 no. 6:1343-1346 Je '56.

MEXICO—GEOGRAPHY

"Bibliography of the geography of Mexico" [in Spanish]. A. Bassols. Reviewed by IA. G. Mashbits. Izv. AN SSSR. Ser. geog. no. 4:140-141 Jl-Ag '56.

MIASOEDOV, GRIGORII GRIGOR'EVICH, 1836-1911

Interesting painting. A. Khrabrovitskii. Ogonek 34 38:26 S '56.

MICA

TSvetkov, A. I., and E. P. Val'iashikhina. [Materials on the thermal investigation of minerals. No. 3: Mica] Materialy po termicheskomu issledovaniiu mineralov. No. 3: Sliudy. Moskva, Izd-vo Akademii nauk SSSR, 1956. 107 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 4)

MICA—ELECTRIC PROPERTIES

Role of electric phenomena in the mechanism of rupture of certain solid bodies. B. V. Deriagin, N. A. Krotova, V. V. Karasev. Dokl. AN SSSR 109 no. 4:728-730 Ag '56.

MICE

(see also subdivision under Kiev)

Effect of environmental factors on the susceptibility of house mice to tularemia [with English summary in insert]. M. P. Tereshchenko. Zool. zhur. 35 no. 8: 1250-1253 Ag '56.

MICE—DISEASES

Spontaneous leptospirosis in white mice. N. N. Kraminskaia, V. A. Eksin. Zhur. mikrobiol. epid. i immun. 27 no. 9:63-64 S '56.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

From the I. V. Michurin archives. Vop. ist. est. i tekh. no. 1:11-23 '56.

From the pages of foreign editions of Michurin's works. Agrobiologiia no. 4:157 Jl-Ag '56.

MICKIEWICZ, ADAM, 1798-1855

Mickiewicz and Pushkin. D. D. Blagoi. Izv. AN SSSR, Otd. lit. i iaz. 15 no. 4:297-314 Jl-Ag '56.

MICROBES see Bacteria; Viruses

MICROBIOLOGY

[Abstracts of Soviet medical literature: microbiology, communicable diseases, epidemiology.] Sovetskoe meditsinskoe referativnoe obozrenie: mikrobiologiia, infektsionnye bolezni, epidemiologiia no. 21 '56.

Second coordinating conference on the problem "Controlling microorganism metabolism in order to intensify microbiological processes in industry and agriculture." V. V. Alferov. Mikrobiologiia 25 no. 3:380-381 My-Je '56.

Thirty years of Soviet agricultural and industrial microbiology. D. F. Protsenko. Nauk. zap. Kiev. un. 7 no. 6:183-197 '48.

Twentieth Congress of the Communist Party of the Soviet Union and tasks in the field of microbiology. Mikrobiologiia 25 no. 3:257-260 My-Je '56.

MICROBIOLOGY—ABSTRACTS

[Abstracts of Soviet medical literature: Microbiology, communicable diseases, epidemiology.] Sovetskoe meditsinskoe referativnoe obozrenie: Mikrobiologiia, infektsionnye bolezni, epidemiologiia no. 22 '56.

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROCEPHALY

A case of microcephaly with absence of the pineal gland and underdeveloped genital organs. N. S. Rynek. Probl. endok. i gorm. 2 no. 2:121-124 Mr-Ap '56.

MICROCHEMISTRY

Rapid methods of microelementary analysis. Communication 10. Problem of a simultaneous determination of carbon, hydrogen, and halides in halideorganic compounds [with English summary in insert]. M. O. Kershun, N. S. Shevelova. Zhur. anal. khim. 11 no. 4:376-382 Jl-Ag '56.

MICROMETER

Determining the value of a micrometer screw revolution by scalar pairs. S. G. Kulagin. Astron. tsirk. no. 170: 7-9 '56.

MICRO-ORGANISMS, NITROGEN-FIXING

Nitrogen-fixing activity of the nodule bacteria of alfalfa. M. V. Fedorov, E. V. Glavachkova. Izv. TSKhA no. 1:61-70 '56.

MICROPHOTOGRAPHY

The Fourth International Conference of Microfilming. E. M. G. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:73-74 Ja-F '56.

MICROSCOPY—TECHNIQUE

Replacing cover glasses with photographic and motion-picture film. IU. M. Agaev, S. M. Kultov, G. A. Rasar. Est. v shkole no. 5:82 S-O '56.

MICROSEISMS

Seismic microregions and their significance. I. A. Gzelishvili, A. N. Safarian. Trudy Inst. strol. dela AN Gruz. SSR 3:171-182 '51.

MICROWAVE SPECTROSCOPY

Radiospectroscope for observing paramagnetic resonance in the centimeter wave band. A. A. Manenkov, A. M. Prokhorov. Radiotekh. i elektron. 1 no. 4:469-477 Ap '56.

MIDDLE CLASSES see subdivision under United States

MIGRATION, INTERNAL

(see also subdivision under Donets Basin; Moscow)

Following the dictates of the heart. A. Chistov. Slaviane no. 9:11-14 S '56.

MIGRATION OF ANIMALS see Animals, Migration of

MIGRATION OF BIRDS see Birds—Migration

MIKHAILOVKA—COMMUNITY CENTERS

Fine initiative. A. Golubev. Mol. kommunar 14 no. 9:73-74 S '56.

MILAN—FAIRS

Milan - Florence: from a traveler's notebook. I. Petrov. Mezhdunar. zhizn' no. 9:80-90 S '56.

Motion-picture apparatus at the Milan International Fair. A. Karal'nik. Kinomekhanik no. 9:39-44 S '56.

MILDEW

Powdery mildew of cucumbers in greenhouses and hotbeds. E. A. Osnitskaia. Sad i og. no. 9:16-18 S '56.

MILITARY ART AND SCIENCE

Brief military news from abroad. Voen. vest. 36 no. 9: 78-83 S '56.

MILITARY ART AND SCIENCE—PERIODICALS

Through the pages of military periodicals. Voen. vest. 36 no. 8:93-95 Ag '56.

Through the pages of military periodicals. Voen. vest. 36 no. 9:92-95 S '56.

MILITARY ART AND SCIENCE—PROBLEMS, EXERCISES, ETC.

Solve these problems. Voen. vest. 36 no. 8:59-60 Ag '56.

Solve these problems. Solution to problems 1-5, published in issue no. 7 of the magazine. Voen. vest. 36 no. 9:58-60 S '56.

MILITARY BASES see subdivision under Near East

MILITARY BASES, AMERICAN see subdivision under Italy; Okinawa; Philippine Islands; Saudi Arabia

MILITARY BASES, BRITISH

The "Economist" laments lost bases. Nov. vrem. 14 no. 42:13-14 O '56.

MILITARY DISCIPLINE

Discipline is the soul of the army. V. Zmitrenko. Voen. znan. 31 no. 6:8-9 Je '56.

Exactingness of commanders. P. Batov. Voen. vest. 36 no. 8:6-14 Ag '56.

MILITARY EDUCATION
(see also subdivision under Germany, East; Tashkent)

Active members share their work experience. I. Chichvarkin. Voen. znan. 31 no. 6:22 Je '56.

Actively take part in the work of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy! Letter from retired and reserve officers, reserve sergeants, active members of the mass defense work. Voen. znan. 31 no. 6:19 Je '56.

Creative attitude toward work. L. Mikhailov. Voen. znan. 31 no. 6:21 Je '56.

Forge of regular army officers. Discussion with Major General G. M. Lenevyi, Hero of the Soviet Union and Head of the "Supreme Soviet of the R. S. F. S. R." Military Academy in Moscow. Voen. znan. 31 no. 6:6-7 Je '56.

Great force. Marila Rozhneva. Voen. znan. 31 no. 6: 18 Je '56.

Individual military training; advice on organizing and conducting training. V. Vasilenok, A. Ignat'ev. Voen. vest. 36 no. 9:17-25 S '56.

Innovators in the military academy. P. Kurenkov, V. Vasil'ev. Voen. vest. 36 no. 8:41-43 Ag '56.

An instructor conducts a course... S. Ivanov. Voen. znan. 31 no. 6:20 Je '56.

Koypak, S. A. [Heroic deeds of members of the Society of the Friends of Defense and the Aviation and Chemical Warfare Industry] Geroicheskie dela osoaviakhimovtsev; literaturnaia zapis' A. S. Palein. Moskva, Izd-vo DOSAAF, 1956. 86 p.

Method of tactical drill with elements of group exercises in training cadets. V. Skopich, N. Vasil'ev, V. Ofitserov Voen. vest. 36 no. 9:12-15 S '56.

Some problems in the field training of cadets. I. Mel'nikov, V. Prozorov. Voen. vest. 36 no. 8:34-41 Ag '56.

Toward the Spartakiada. Discussion with N. N. Romanov, chairman of the Committee on Physical Culture and Sports of the Council of Ministers of the U. S. S. R. Voen. znan. 31 no. 6:1 Je '56.

TSarev, F. I. [Training young soldiers and sailors in battle traditions] Vospitanie armeiskoi i flotskoi molodezhi na boevykh traditsiiakh. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 45 p. (Bibliotechka komsomol'skogo aktivista)

Why are our marksmen losing out? M. Konoplev, V. Korol'kov. Voen. znan. 31 no. 6:23 Je '56.

MILITARY EDUCATION—BIBLIOGRAPHY see Bibliography—Military education

MILITARY HOSPITALS see Hospitals, Military

MILITARY HYGIENE
(see also subdivision under Great Britain)

Spasskii, V. A., and V. A. ARKAEV. [Military hygiene] Voennaia gigiena. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 127 p. (Nauchno-populiarnaia biblioteka soldata i matrosa)

Work practice of military hospital in health education in the garrison. S. P. Sheiko. Voen.-med. zhur. no. 10: 74-75 O '55.

MILITARY MANEUVERS see subdivision under Thailand

MILITARY MEDICINE see Medicine, Military

MILITARY RADIO see Radio, Military

MILITARY RECONNAISSANCE

Rifle company as a reconnaissance detachment. A. Nekrasov. Voen. vest. 36 no. 8:44-48 Ag '56.

MILITARY SHOOTING see Shooting, Military

MILITARY TRANSPORTATION see Transportation, Military

MILK

Butterfat content of milk and cattle breeding on Komi collective and state farms for the purpose of increasing it. P. F. Rokitskii. Trudy Komi fil. AN SSSR no. 1:91-103 '53.

New kinds of meat and milk products. L. Gutman. Sov. torg. no. 7:28-29 Jl '56.

MILK—BACTERIOLOGY

Morphological changes in bacteria under the effect of Bacillus acidophilus. R. Dubinskii. Moloch. prom. 17 no. 6:39-40 '56.

MILK—COMPOSITION

Fat content of successive portions of milk from one milking of a buffalo [in Azerbaijani with summary in Russian]. M. G. Altev. Izv. AN Azerb. SSR no. 7:97-104 Jl '56.

"Precursors" of fat in cow's milk. R. N. Odynets. Dokl. AN Tadzh. SSR no. 15:77-81 '55.

MILK—PHYSIOLOGICAL EFFECT

Effect of Ginseng on the intensity of leucocytosis and hyperthermia in rabbits produced by subcutaneous administration of milk and turpentine. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:147-155 '55.

MILK, DRIED

Production of dried milk consisting of solid particles. S. Zhilov. Moloch. prom. 17 no. 9:36-37 '56.

MILK SUGAR see Lactose

MILK TRADE

Improving the specialized milk trade. A. Latyshev. Sov. torg. no. 7:14-17 Jl '56.

MILK VETCHES see subdivision under Azerbaijan

MILKING

Following the example of a Veyak state farm. V. Khlystov, A. Gromadchenko. Sovkhoz. proizv. no. 9:71-72 S '56.

One women milks 100 cows. I. P. Kukin. Nauka i pered. op. v sel'khoz. no. 9:42-44 S '56.

Stripping after machine milking. I. V. Anikin. Nauka i pered. op. v sel'khoz. no. 9:27-28 S '56.

Twice-a-day milking of cows producing over four thousand kilograms of milk. A. N. Flegontov, A. K. Shvabe, M. N. Belinev. Sovkhoz. proizv. no. 9:55-59 S '56.

MILKWEED

Biology of flowering and fruit bearing processes in milkweed. Part 2. T. V. Plotnikova. Nauk. zap. Kiev. un. 7 no. 6:131-145 '48.

Dynamics of chloroplasts during the formation of flowers and seeds in milkweed. T. V. Plotnikova. Nauk. zap. Kiev. un. 8 no. 5:153-168 '49.

MILKY WAY

Absolute photometry of selected sections of the Milky Way. D. A. Rozhkovskii. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:25-56 '55.

Fluctuations in the brightness of the Milky Way. L. B. Mirzoian. Uch. zap. Erlv. gos. russ. ped. inst. 5:217-225 '55.

Observation of the Galaxy as a spiral system. V. A. Ambartsumian. Dokl. AN Arm. SSR 10 no. 4:149-151 '49.

Spiral structure and the rotation of galaxies. B. A. Vorontsov-Vel'iaminov. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:46-52 '56.

MILLET

Applying fertilizers to Sudan grass and Italian millet in steppes of the Ukrainian S. S. R. A. P. Girenko. Ud. i ur. 1 no. 8:43-49 Ag '56.

How to process millet. E. Voronov, K. Butanov. Kolkh. proizv. 16 no. 8:34-35 Ag '56.

MILLET—DISEASES AND PESTS

Controlling diseases and pests of millet. I. N. Elagin. Zashch. rast. ot vred. i bol. 1 no. 2:36-38 My-Je '56.

MILLET—HARVESTING

Mechanized harvesting of millet. I. Elagin. MTS 16 no. 8:24-26 Ag '56.

MILLING MACHINERY

Improving the design of currently used hammer mills. V. S. Emel'ianov. Stroi. i dor. mashinostr. no. 7:13-16 Jl '56.

Slaking lime with the ball mill. V. Popov. Arkhit. i bud. 4 no. 4:8 Jl-Ag '56.

MILLING MACHINES

Contour followers with intermittent control (for copy-milling machines). M. E. Verkholat. Stan. i instr. 27 no. 7:9-13 Jl '56.

Milling machine for eliminating defective welds. K. A. Krylov, A. S. Lesin. Trudy MNI no. 17:238-242 '56.

Two-spindle turning lathe. S. Maloi. Prom. koop. no. 9 18-19 S '56.

MINAEV, EVGENII, 1934-

A good request. I. Borisov. Fizk. i sport 26 no. 9:7 '56.

MINE ACCIDENTS see subdivision under Czechoslovakia

MINE DRAINAGE

Drainage of deep mines and the design of high pressure and efficient centrifugal pumps. A. I. Veselov. Gor. zhur. no. 9:42-46 S '56.

MINE DUSTS
(see also subdivision under Donets Basin; Krivoy Rog)

Forcing water into coal seam as one of the effective ways of controlling dust in mining. A. A. Skochinskii. Ugol' 31 no. 8:31-34 Ag '56.

Testing dust collector installations used in horizontal nonwash boring. V. G. Gallovskii, R. Sh. Shkol'nikova. Gor. zhur. no. 8:54-56 Ag '56.

MINE HAULAGE

Semeniuk, Ivan. [My experience with gravity inclines] Moi opyt skorostnoi prokhodki bremsberga. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 8 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

Shemet, A. S. [Work practice of a crew of conveyor movers] Opyt raboty kompleksnoi brigady posadoporenoschikov. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

Size of the lead for haulage entries in long face mining and the effect this factor has on longwall operations. V. S. Belinev. Ugol' 31 no. 8:18-21 Ag '56.

MINE HOISTING

Calculating the dynamic braking of asynchronous motors of automatic-control systems used in mine hoisting machines. V. M. Kuntsevich. Avtomatyka no. 2:21-24 '56.

Mal'chev, S. M. [Mine hoisting equipment mechanic] Mashinist shakhtnoi pod"emnoi ustanovki. Moskva, Ugletekhizdat, 1956. 300 p.

Nekrasov, M. I. [Automatic control of belt conveyors] Avtomaticheskoe upravlenie lentochnym pod"emom. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

New method of replacing hoisting devices. G. G. Petrenko. Gor. zhur. no. 8:60 Ag '56.

Theory of automatic control of mine skip hoists. O. M. Kryzhanovs'kyi. Avtomatyka no. 1:5-25 '56.

MINE MANAGEMENT

Conference on problems of increasing labor productivity. A. A. Rozhovskii, A. N. Shilin, V. I. Latskii. Gor. zhur. no. 8:60 Ag '56.

Hasty conclusions. V. Abramov. Mast. ugl. 5 no. 9:31 S '56.

MINE PUMPS
(see also subdivision under Kuznetsk Basin)

Trends in the improvement of pumps for fixed mine drainage installations. V. G. Geier. Gor. zhur. no. 8: 48-53 Ag '56.

MINE RAILROADS
(see also subdivision under Czechoslovakia)

Fatiukhin, M. D. [Free assignment of locomotives in underground transportation] Kol'tsevaia ezda na podzemnom transporte. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

MINE SANITATION
(see also subdivision under Almalyk)

Possibility of the development of occupational helminthiasis in mines in Dzhezkazgan. V. IA. Kuz'michev, E. I. Fedorova. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:112-115 '56.

MINE SURVEYING

Krotov, G. A. [Underground surveying in drown and mined workings] Markscheiderskaia s"emka ochistnykh i nareznykh gornykh vyrabotok. Moskva, Ugletekhizdat, 1956. 178 p.

New geodetic instruments used in mine surveying. N. A. Gusev. Gor. zhur. no. 9:51-53 S '56.

Sverlovsk. Gornyi institut. [Problems in the efficient organization of surveying in mining enterprises] Voprosy ratsionalizatsii markscheiderskoi sluzhby na gornykh predpriiatiiakh. Moskva, Ugletekhizdat, 1955. 128 p.

MINE TIMBERING
(see also subdivision under Pechora Basin)

Effectiveness of metal and reinforced concrete supports in preparing coal mine workings. M. N. Geleskul. Mekh. trud. rab. 10 no. 9:14-18 S '56.

Experience in introducing MPK mechanized moveable mine supports. A. A. Lisitsyn, V. I. Paramonov. Mekh. trud. rab. 10 no. 8:11-15 Ag '56.

Plans for the introduction of new machinery and technical equipment in mines; letter to the editors. V. D. Titov. Gor. zhur. no. 8:64-3 of cover Ag '56.

Readers' response to A. F. Voshchenchuk's article "S. E. Rozenberg's book 'Maintenance costs for mines with wooden supports'." V. T. Davidiants. Ugol' 31 no. 8: 40-42 Ag '56.

Shnaidman, M. I. [A new, efficient method of mine timbering] Novyi effektivnyi sposob upravlenita krovlei. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 22 p. (V pomoshch' rabotnikam ugol'noi promyshlennosti Kazakhstana)

MINE VENTILATION
Shortcomings of a book ("Ventilation foreman" A. P. Abdula. Reviewed by I. L'vov). Mast. ugl. 5 no. 9:31 S '56.
Ways to improve the fans used in main ventilation systems. I. A. Raskin. Gor. zhur. no. 9:47-49 S '56.

MINERAL INDUSTRIES
"Economic aspects of mining industries in the U. S. S. R." S. IA. Rachkovskii. Reviewed by A. G. Shpital'nikov, A. V. Baronenkov. Gor. zhur. no. 9:60-62 S '56.

MINERAL OILS—ANALYSIS
Means for improving the quality of absorbent oil. B. E. Kotlik. Koks i khim. no. 5:36-40 '56.

MINERAL WATERS
(see also subdivision under Baku region; Dzhermuk; Novobiagorodnye; Shusha District)
Carbonate equilibrium in carbonate mineral waters. V. M. Levchenko. Dokl. AN SSSR 109 no. 6:1117-1119 Je '56.

MINERAL WATERS—HISTORY see subdivision under Lipetsk

MINERAL WOOL
Moulding machine for the production of rigid mineral wool slabs by the intermittent method. V. V. Shtrom, S. P. Gimel'farb. Stroi. i dor. mashinostr. no. 7:18-21 Jl '56.

MINERALOGICAL CHEMISTRY
A new mineral, smolianinovite. L. K. IAkhontova. Dokl. AN SSSR 109 no. 4:849-850 Ag '56.

MINERALOGY see subdivision under Tajikistan

MINERALOGY, DETERMINATIVE
Autoradiographic method in studying the distribution of flotation reagents on the surface of mineral particles. I. N. Plaksin, R. Sh. Shafeev, S. P. Zaitseva. Dokl. AN SSSR 108 no. 5:905-906 Je '56.
Discovery of A38 in potassium-containing minerals. E. K. Gerling, L. K. Levskii, L. I. Afanas'eva. Dokl. AN SSSR 109 no. 4:813-815 Ag '56.
Quantitative estimate of the state of chemical bond in minerals. A. S. Povarennykh. Dokl. AN SSSR 109 no. 5:993-996 Ag '56.
Simple and rapid physical methods of mineral identification. (From "The Mining Magazine" February, 1956). N. B. TSvet. met. 29 no. 7:94-96 Jl '56.

MINERALS IN PLANTS see Plants—Assimilation

MINERALS IN SOIL—BIBLIOGRAPHY see Bibliography—Minerals in soil

MINERS—DISEASES AND HYGIENE
Group irradiation of miners by ultraviolet rays. I. I. Belyshev. Fel'd. i akush. 21 no. 9:37 S '56.
How we organized the work of a health center. V. K. Bondarenko. Fel'd. i akush. 21 no. 9:34-36 S '56.
Water supply of workers during mining operations. L. F. Sidorov. Gig. i san. 21 no. 9:92 S '56.

MINES AND MINERAL RESOURCES see subdivision under Buryat Mongolia; Prague

MINES AND MINING see Mineral industries

MINING—HISTORY see subdivision under Bulgaria

MINING ENGINEERING
(see also subdivision under Kazakhstan; Magnitogorsk)
Bokii, B. V. [Fundamentals of mining] Osnovy gornogo dela. Ed. 2-oe, ispr. i dop. Moskva, Ugletekhizdat, 1956. 214 p.
Drift mining at a speed of 302 meters per month. N. P. Kostin and others. Gor. zhur. no. 9:12-15 S '56.
G. Agricola's works on mining. I. P. Zhavoronkova, S. V. Shukhardin. Vop. ist. est. i tekh. no. 1:137-146 '56.
Kharkov. Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva. [Studies in mine construction] Issledovaniia po shakhtnomu stroitel'stvu. Moskva, Ugletekhizdat, 1956. 287 p.
Miner's Day. Ugol' 31 no. 9:1-4 Ag '56.
Persistent increase of labor productivity in nonferrous metal mines. D. S. Kravtsov. Gor. zhur. no. 9:3-7 S '56.
Rapid hardening concrete in mine construction. A. IA. Dement'ev. Bet. i zhel.-bet. no. 8:288-289 Ag '56.
Steady output of ore under actual working conditions. L. I. Baron, M. D. Fugzan. Khim. prom. no. 4:197-200 Je '56.
Upraise mining with the help of a suspended cage. F. M. Akhmetshin. Gor. zhur. no. 8:32-34 Ag '56.
Work practices of A. F. Filippov's and I. L. Khudoliev's brigades. A. N. Balobolkin, V. A. Sheatakov. Gor. zhur. no. 9:57-59 Ag '56.

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—Mining engineering

MINING ENGINEERING—COSTS
"Methods of cost analysis in the mining industry." M. IA. Savarovskii. Reviewed by M. A. Lenskii, T. D. Bykova. Gor. zhur. no. 8:61-63 Ag '56.

MINING ENGINEERING—STUDY AND TEACHING
(see also subdivision under Peiping)
Results of mass training of miners in allied professions. A. Minakov, M. IAkovlev. Mast. ugl. 5 no. 9:18 S '56.

MINING MACHINERY
(see also subdivision under Krivoy Rog)
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Mining Industry.] Ekspress-informatsiia. Seriia: Gornoe delo no. 27 Jl '56.
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Mining Industry.] Ekspress-informatsiia. Seriia: Gornoe delo nos. 29, 32, 35-36 Jl-S '56.
Plans for the introduction of new machinery and technical equipment in mines; letter to the editors. V. D. Titov. Gor. zhur. no. 8:64-3 of cover Ag '56.
Theory of automatic devices used for measuring the deflection angles of objects moving on a guide. Avtomatyka no. 2:31-43 '56.

MINORITIES see subdivision under Asia, Southeastern

MINSK—BUILDING
I am a builder. M. Zhybul'. Biarozka 32 no. 10:18 O '56.

MINSK—METAL CUTTING
Machining by two cutters operated by the principle of divided feeds. N. N. Kisbanov. Stan. i instr. 27 no. 7:41 Jl '56.

MINSK—MOTORCYCLES
"M-1-M" motorcycle. Ogonek 34 36:20 S '56.

MINSK—POLICE
The militia brigade of a factory. M. Susha. Mol. komm. 14 no. 8:73-75 Ag '56.

MINSK—REVOLUTION OF 1905
Shatsilia, V. V. [The revolutionary struggle in Minsk during the first Russian revolution (1905-1907)] Revoliutsyinaia barats'ba u Minsku u hady pershai ruskai revoliutsyi (1905-1907 gg.). Minsk, Dziarzh. vyd-va BSSR, 1956. 142 p.

MINSK—SHOE INDUSTRY
Learning from the experience of our friends. V. Valodzin. Belarus' 13 no. 9:6 S '56.

MINUSINSK BASIN—OZOCERITE
Discoveries of ozocerite in the Minusinsk Basin. M. N. Sokolova, S. I. Mironov. Trudy Inst. neft. 8:8-20 '56.

MIRGOROD—POULTRY
Work in animal science at the Mirgorod Hatchery. A. P. Shevgota. Pitisevodstvo 6 no. 9:20-22 S '56.

MIRIDAE see subdivision under Transcarpathian Province

MITES
(see also subdivision under Kiev; Tajikistan)
Case of mass attack of the population by the mite Dermanyssus avium et gallinae. N. S. Malinovskaia. Med. paraz. i paraz. bol. 25 no. 3:270 Jl-S '56.
Discovery of the skin mite Dermatophagoides Scheremetewskyi Bogdanov, 1864 in some human skin diseases [with summary in English]. V. B. Dubinin, M. I. Gusel'nikova, I. M. Raznatovskii. Biul. MOIP. Otd. biol. 61 no. 3:43-50 My-Je '56.
Mites causing scaly legs. K. M. Krasnitskaia. Pitisevodstvo 6 no. 9:43-44 S '56.
A new report on mites ("An introduction to acarology." E. Baker, G. Wharton. Reviewed by V. E. Eglitis). Zool. zhur. 35 no. 6:945-946 Je '56.

MITES AS CARRIERS OF DISEASE
Recovery of viruses from spontaneously infected Gamasidae. E. N. Levkovich, A. A. Tagil'tsev. Med. paraz. i paraz. bol. 25 no. 3:229-233 Jl-S '56.

MITRAL VALVE—DISEASES
Hemosiderosis of the lungs in mitral valve diseases. L. E. Kevesh. Vest. rent. i rad. 31 no. 4:27-32 Jl-Ag '56.
Mechanism of acute pulmonary edema in mitral stenosis [with summary in English, p. 157]. V. Marinescu, Ionescu-Busjor-Carus. Vest. khir. 77 no. 7:23-26 Jl '56.

MITRAL VALVE—SURGERY
Cardiohemodynamography showing the effectiveness of surgery for mitral stenosis. A. N. Bakulev, E. B. Babskii, V. L. Karpman. Klin. med. 34 no. 5:36-43 My '56.

MITSHCHERLICH, EILHARD ALFRED, 1874-1956
In memory of E. A. Mitshcherlich, 1874-1956. E. I. Shkonde. Ud. i ur. 1 no. 7:63-64 Jl '56.
In memory of Professor E. A. Mitscherlich. Vest. Mosk. un. 11 no. 5:145-146 My '56.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956
Decision of the Central Committee of the Communist Party of White Russia and the Council of Ministers of the White Russian S. S. R. on immortalizing the memory of IAkub Kolas, people's poet of the White Russian S. S. R. Belarus' 13 no. 9:4 S '56.
From the Central Committee of the Communist Party of White Russia, the Council of Ministers of the White Russian S. S. R., and the Presidium of the Supreme Soviet of the White Russian S. S. R. Belarus' 13 no. 9:1 S '56.
A great master of words. Il'ia Hurski. Belarus' 13 no. 9:4 S '56.
He lived for the people. Petr. Brovka. Druzh. nar. no. 9:150 S '56.
IAkub Kolas. Slaviane no. 9:62 S '56.
In memory of IAkub Kolas. Polymia 34 no. 9:3-7 S '56.
In memory of IAkub Kolas. P. A. Abrasimau and others. Belarus' 13 no. 9:2 S '56.
Teacher and friend. M. Auramchyk and others. Belarus' 13 no. 9:3 S '56.

Mme. DUDEVANT, 1804-1876, pseud. see Sand, George

MOCH, JULES, 1893-
Interview with Jules Moch on disarmament prospects. Nov. vrem. 14 no. 36:13-14 S '56.

MODERN HISTORY see History, Modern

MOGILEV—MACHINERY INDUSTRY
At a factory producing construction machines. Shastorykou. Belarus' 13 no. 9:22-23 S '56.

MOGOV VALLEY—ROCKS—CLEAVAGE
Fissure tectonics of granitoid rocks in the Mogov Valley. D. Kh. Akhmerov. Dokl. AN Tadzh. SSR no. 5:9-14 '52.

MOHAMMEDANISM—PERIODICALS see subdivision under Egypt

MOISEEV, S. A.
[Diaries of K. P. Pakhtusov and S. A. Moiseev] Dnevnye zapiski P. K. Pakhtusova i S. A. Moiseeva. Moskva, Gos. izd-vo geogr. lit-ry, 1956.

MOISTURE
Standard vessels for checking the precision of radio moisture meters. M. P. Lysiakov. Masl.-zhir. prom. 22 no. 6:31 '56.

MOISTURE OF SOIL see subdivision 'Soil moisture' under Polesye; Tajikistan; Ukraine

MOLDAVIA—ACORNS
Rotting of acorns in the Moldavian S. S. R. and measures for its prevention. I. S. Popushoi. Uch. zap. Kish. un. 13:197-207 '54.

MOLDAVIA—BARLEY—VARIETIES
Variation in the amount of nitrogenous substances in corn and barley grain depending on the year of harvesting. V. G. Klimenko. Uch. zap. Kish. un. 13:131-143 '54.

MOLDAVIA—BEE CULTURE
Beekeeping is a neglected branch of agriculture in Moldavia. I. I. Dimitrov. Pchelovodstvo 33 no. 9:18-19 S '56.

MOLDAVIA—BIRDS
Notes on the birds of Moldavia. N. A. Gladkov. Uch. zap. Kish. un. 13:227-238 '54.

MOLDAVIA—BUCKWHEAT
Analysis of buckwheat pollen from the legs of bees. N. S. Davydova. Uch. zap. Kish. un. 13:167-173 '54.

MOLDAVIA—CORN (MAIZE)—VARIETIES
Variation in the amount of nitrogenous substances in corn and barley grain depending on the year of harvesting. V. G. Klimenko. Uch. zap. Kish. un. 13:131-143 '54.

MOLDAVIA—ECONOMIC GEOGRAPHY
New wall map representing the economic geography of the Ukraine and the Moldavian S. S. R. used in secondary schools. L. M. Koretskii, L. K. Merzhvinskaia. Geod. i kart. no. 3:54-57 My '56.

MOLDAVIA—FIELD MICE
Biological characteristics of wood mice of the genus Apodemus in Moldavia. I. F. Andreev, D. M. Gauzshtein. Uch. zap. Kish. un. 13:95-108 '54.

MOLDAVIA—GRAVITATION
Analysis of the effect of formation boundaries on the gravitational field in the Moldavian S. S. R. and adjacent provinces of the Ukrainian S. S. R. K. A. Hura. Nauk. zap. Kiev. un. 13 no. 4:193-197 '54.

MOLDAVIA—HEMP
From laggards to leaders. V. I. Pikhnovskii. Len. i konop. no. 5:26-29 My '56.

MOLDAVIA—LEGUMES
Morphology of the pollen of some leguminous honey plants. E. E. Nika. Uch. zap. Kish. un. 13:183-196 '54.
Nitrogen-containing substances in the seeds of leguminous hay crops. V. G. Klimenko. Uch. zap. Kish. un. 13:117-130 '54.

MOLDAVIA—PLOWING
Turning over alfalfa sod in Moldavia. E. I. Tukalova, A. F. Serbulov. Zemledelie 4 no. 9:87-91 S '56.

MOLDAVIA—RYE—VARIETIES
Proteins in the grain of different rye varieties. V. G. Klimenko, E. Levshenkova. Uch. zap. Kish. un. 13:145-153 '54.

MOLDAVIA—VITICULTURE
For more extensive application of advanced practices. B. D. Sechan. Sad. vin. Mold. 11 no. 4:13-14 Jl-Ag '56.

MOLDAVIA—WEEDS
Weeds as sources of infection of cultivated plants with root rot caused by the fungus Rhizoctonia Aderholdii (Rumi) L. Koloschina. L. M. Koloshina. Uch. zap. Kish. un. 13:219-226 '54.

MOLDAVIA—WHITEFISHES
Morphogenesis of lavaret raised in the ponds of Moldavia. I. F. Andreev, M. P. Statova. Uch. zap. Kish. un. 13:85-93 '54.

MOLDAVIA—WINDBREAKS, SHELTERBELTS, ETC.
Walnuts in shelterbelt zones of Moldavia. M. M. Tymko. Dokl. Akad. sel'khoz. 21 no. 9:32-35 '56.

MOLDING (FOUNDING)
Molds made of cast iron with spheroidal graphite for small- and medium-sized ingots. G. A. Pisarenko and others. Trudy Ural. politekh. inst. no. 60:97-102 '56.
Mold paint as a cause for sulfur absorption by the cast iron of the mold. L. M. Cherkasov, N. I. Pavlovtseva. Trudy Ural. politekh. inst. no. 60:103-111 '56.
Sosnenko, M. N. [The molder in the foundry] Formovshchik liteinogo tsekha. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 215 p. (Uchebnaia literatura dlia podgotovki novykh rabochikh kadrov na proizvodstve)

MOLDING SAND see Sand, Foundry

MOLDS (BOTANY)
Antagonists of the Mucorales. V. V. Vlodavets. Antibiotiki 1 no. 3:49-50 My-Je '56.

MOLECULAR ASYMMETRY see Stereochemistry

MOLECULAR DYNAMICS
Correlation between optical transition probabilities, transition frequencies, and residual vibrating energy in complex molecules. B. I. Stsiapanau, A. M. Samson. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:6-14 '56.
Direct measurements of molecular attraction in solids. Part 1. Statement of the problem and method of measuring forces by using negative feedback. B. V. Deriagin, I. I. Abrikosova. Zhur. eksp. i teor. fiz. 30 no. 6:993-1006 Je '56.

MOLECULAR WEIGHTS
Determination of molecular weights of associated substances in solutions. E. E. Cherkashin, O. A. Prib. Nauk. zap. L'viv. un. 34:91-97 '55.

MOLECULAR WEIGHTS—GRAPHIC METHODS
Nomogram for computing weights of samples of a substance in determining the molecular weight by the cryoscopic method [with English summary in insert]. N. B. Kondukov. Zhur. anal. khim. 11 no. 4:480-482 Jl-Ag '56.

MOLECULES
A. G. Pasynskii's and V. A. Belitser's concepts of the structure of protein molecules. N. I. Gavrilov. Vest. Mosk. un. 11 no. 5:121-136 My '56.
Deriagin, B. V. - [The nature of molecular forces and their significance in science and practice] Priroda molekuliarnykh sil i ikh znachenie v nauke i praktike. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3. no. 35)
Determining the structure of molecules of gaseous metallic oxides formed during an electric discharge in gas. A. I. Andrievskii, I. V. Kutovyi. Nauch. zap. LPI no. 29:7-13 '55.
Photodesorption and photodissociation of molecules adsorbed by metals. P. E. Val'nev. Zhur. fiz. khim. 30 no. 6:1308-1315 Je '56.

MOLOKANS see subdivision under Stepanavan District

MOLOTOV PROVINCE—TICKS
Influence of a reduction in the murine rodent population on the feeding of larvae and nyphms of the tick Ixodes persulcatus P. Sch. in centers of tick-borne encephalitis [with summary in English]. S. A. Shilova and others. Biul. MOIP. Otd. biol. 61 no. 3:27-34 My-Je '56.

MOLYBDATES
Reducing powers of tetracyanomolybdates. K. N. Mikhalevich. Nauch. zap. LPI no. 29:51-62 '55.

MOLYBDENITE
Study of the roasting process of molybdenite concentrates in a boiling fuel bed. A. N. Zelikman, L. V. Belianevskaia, O. E. Krein. TSvet. met. 29 no. 8:14-22 Ag '56.

MOLYBDENUM
Influence of the bulk composition of rocks upon the results of quantitative determination of molybdenum in granitoids [with English summary in insert]. E. E. Vainstein, L. I. Pavlenko. Zhur. anal. khim. 11 no. 4:410-418 Jl-Ag '56.

MOLYBDENUM COMPOUNDS
Kinetic study of oxalate and phosphate molybdenum complexes. K. B. IAtsimirskii, I. I. Alekseeva. Zhur. neorg. khim. 1 no. 5:952-957 My '56.

MOLYBDENUM OXIDES
Vapor pressure of molybdenum trioxide at high temperatures. A. N. Zelikman, N. N. Gorovits, T. E. Prosenkova. Zhur. neorg. khim. 1 no. 4:632-637 Ap '56.

MOLYBDENUM SALTS
Peroxide products in the catalysis of $H_2O_2$ by barium and molybdenum salts. Part 2. G. A. Bogdanov, T. I. Berkengeim, I. K. Prokhorova. Zhur. fiz. khim. 30 no. 6:1223-1227 Je '56.

MOLYBDENUM SULFIDES
Using molybdenum disulfide as a machinery lubricant; survey of foreign books and articles. I. IA. Al'shits. Vest. mash. 36 no. 8:61-63 '56.

MOMENTS OF INERTIA
Calculating the effect of rotational inertia and crosscut forces on transverse vibrations of finite-length bars. M. Sh. Fleksor. Inzh. sbor. 23:138-139 '56.

MONAZITE
X-ray measurement study of the suitability of monazites for determining the geological age. K. K. Zhirov, V. V. Kurbatov. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:53-56 '55.

MONEY
The circulation of money in extended socialist production. S. Shteinshleifger. Vop. ekon. no. 9:101-116 S '56.

MONGOLIA
Banzaragchi, B. [The Mongolian People's Republic; a geographical, political and economic sketch] Mongol'skaia Narodnaia Respublika; geograficheskii i politiko-ekonomicheskii ocherk. Ulan-Bator, 1951. 71 p.

MONGOLIA—AGRICULTURE, COOPERATIVE
Cooperative movement in the Mongolian People's Republic [with English summary in insert]. B. Shirendyb. Sov. vostokoved. no. 4:3-15 '56.

MONGOLIA—DINOSAURIA
Armored dinosaurs of upper Cretaceous deposits of Mongolia. E. A. Maleev. Trudy Paleont. inst. 62: 51-91 '56.

MONGOLIA—FOREIGN ECONOMIC RELATIONS—KOREA, NORTH
International help of the brotherly Mongolian people. Inform. biul. Dep. kul't. sv. s zagr. Min. Kul't. i prop. KNDR 4 no. 20:3 Jl '56.

MONGOLIA—GEOLOGY, STRATIGRAPHIC
Pre-Cambrian deposits of Mongolia. N. A. Marinov. Izv. AN SSSR. Ser. geol. 21 no. 6:47-57 Je '56.

MONGOLIA—HUNTING
Hunting in Mongolia. D. Eregden-Dagva. Okh. i okh. khoz. no. 8:55-57 Ag '56.

MONGOLIA—RELATIONS (GENERAL) WITH KOREA, NORTH
Mongolian cultural delegation in Korea. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 32: 2 Ag '56.
Week devoted to the Korean-Mongolian friendship. Nov. Kor. no. 8:45-47 Ag '56.

MONILIASIS
Candidomycosis as a complication in antibiotic treatment. A. M. Arievich. Sov. med. 20 no. 7:9-16 Jl '56.
Fungus infections of the lungs caused by antibiotic therapy. V. S. Gasilin, N. A. Filipovich. Klin. med. 34 no. 7:61-63 Jl '56.

MONIUSZKO, STANISLAW, 1819-1872
Stanislaw Moniuszko in White Russia. IAfim Sadovski. Polymia 34 no. 8:124-131 Ag '56.

MONKEYS
Variation in leucocyte number observed in the blood of monkeys when repeatedly examined under similar conditions. I. A. Utkin, M. I. Kuksova. Dokl. AN SSSR 108 no. 5:981-984 Je '56.

MONOCOTYLEDONS see subdivision under Kirghizistan

MONONUCLEOSIS
Diagnosis of anginas caused by Listeria. E. I. Gudkova, T. P. Voronina. Zhur. mikrobiol., epid. i immun. 27 no. 8:31-39 Ag '56.
Domestic animals as a source of Listeria infection. A. L. Kornilova. Zhur. mikrobiol. epid. i immun. 27 no. 9:68-73 S '56.
Epidemiology of an outbreak of listereilosis. A. S. Kuz'minskii. Zhur. mikrobiol., epid. i immun. 27 no. 8:25-30 Ag '56.

MONTMORILLONITE
X-ray analysis of hydrocarbon absorption by montmorillonite. I. G. Ismailzade. Izv. AN Azerb. SSR no. 7:17-21 Jl '56.

MONUMENTS see subdivision under Kiev

MOON, VOYAGES TO see Interplanetary voyages

MOONSEED
Alkaloids of Menispermum dahuricum DC. T. N. Il'inskaia. Dokl. AN SSSR 108 no. 6:1081-1082 Je '56.

MORAL EDUCATION
For working out a method of teaching specific moral qualities. A. IA. Aret. Sov. pedag. 20 no. 10:102-104 O '56.

MOREIRA FAMILY
Family of soccer players. Charlie Kuits. Mol. mira no. 7:18-19 '56.

MORPHINE
Changes in glycemic reactions to adrenaline injection under the influence of morphine in experimental toxic hepatitis. L. M. Gol'ber, M. P. Ratniece. Probl. endok i gorm. 2 no. 2:78-80 Mr-Ap '56.

MORPHOLOGY
Twentieth Congress of the Communist Party of the Soviet Union and tasks of Soviet morphology. Arkh. anat., gist. i embr. 33 no. 2:3-9 Ap-Je '56.

MORTAR
Effect of calcium chloride admixtures on the setting of mortar. V. A. Burenin. Strol. prom. 34 no. 9:36-37 S '56.
Effect of the first freezing of brick mortar on its physical and mechanical properties. A. A. Shishkin. Strol. prom. 34 no. 9:23-27 S '56.

MORTAR—TESTING
Investigating the use of loess type argillaceous soils for masonry mortars. A. A. Adilkhodzhaev. Biul. strol. tekh. 13 no. 8:20-21 Ag '56.

MORTARS (ORDNANCE)
Fire control of a battery of 82mm. and 120mm. mortars on the offensive. M. Svetushkov. Voen. vest. 36 no. 9:48-53 S '56.
Simplifying the rules for the adjustment of fire from an 82-mm. mortar. N. Nikiforov. Voen. vest. 36 no. 8: 65-69 Ag '56.

MOSCOW—ACTORS
New performers at the Art Theater. Teatr 17 no. 8: 175 Ag '56.

MOSCOW—AGRICULTURAL EXHIBITIONS
All-Union Agricultural Exhibition is a school of advanced practices. S. M. Suslov. Ud. i ur. 1 no. 7:3-5 Jl '56.
Groups of specialists at the All-Union Agricultural Exhibition. D. F. Dreavlennikova. Nauka i pered. op. v sel'khoz. no. 9:50-51 S '56.
In the "Ukrainian S. S. R." pavilion. Nauka i pered. op. v sel'khoz. no. 8:9 Ag '56.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Armenia" pavilion; a guidebook] Pavil'on "Armianskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 30 p.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Kazakhstan" pavilion; a guidebook] P[illegible]

MOSCOW—AGRICULTURE—EXPERIMENTATION
Named after Timiriazev. Al. Kantorovich. Nauka i zhizn' no. 9:45-48 S '56.

MOSCOW—AMATEUR RADIO STATIONS
More attention to school UHF radio stations. V. Karapetian. Radio no. 8:19-20 Ag '56.

MOSCOW—AMBULANCE SERVICE
No. 1 automobile radio station. A. Sinel'nikov. Zdorov'e 2 no. 9:29 S '56.

MOSCOW—ANTIQUITIES
Archaeological research in Zaryad'ye (Moscow). A. F. Dubynin. Krat. soob. IIMK no. 65:119-130 '56.

MOSCOW—APARTMENT HOUSES
Experimental construction of a residential block in the southwestern district of Moscow. G. Pavlov, V. Svirskii. Arkhit. SSSR no. 7:21-26 '56.

MOSCOW—APARTMENT HOUSES—MAINTENANCE AND REPAIR
Improve the condition of housing in the capital in every way. D. P. Lebedev. Gor. khoz. Mosk. 30 no. 7:1-5 Jl '56.

MOSCOW—ARCHITECTURE—CONGRESSES
Conference of young architects of Moscow. Arkhit. SSSR no. 7:3 of cover '56.

MOSCOW—ART—GALLERIES AND MUSEUMS
Treasury of Russian art. P. Herasimovich. Belarus' 13 no. 9:18-19 S '56.

MOSCOW—ART, ENGLISH—EXHIBITIONS
Moscow. Gosudarstvennyi muzei izobrazitel'nykh iskusstv. [Exhibition of English art; painting, art painting, sculpture, drawings, engravings, and industrial art objects from museums of the U. S. S. R. A catalog] Vystavka proizvedenii angliiskogo iskusstva; zhivopis', skul'ptura, risunok, graviura, predmety prikladnogo iskusstva iz muzeev SSSR. Katalog. Moskva, Gos. izd-vo "Iskusstvo," 1956. 94 p., illus.

MOSCOW—ARTISTS, INDIC
They received applause from the Soviet audience. Sov. Soiuz no. 10:30-31 O '56.

MOSCOW—ATOMIC POWER—EXHIBITIONS
Moscow. Vsesoiuznaia promyshlennaia vystavka, 1956- [Exhibition on the use of atomic energy for peaceful purposes] Vystavka po ispol'zovaniiu atomnoi energii v mirnykh tseliakh. Moskva, 1956. 104 p.

MOSCOW—BEARING INDUSTRY
Organization of work determines its success. M. Trifonova. Sov. profsoiuzy 4 no. 9:48-51 S '56.

MOSCOW—BIBLIOGRAPHICAL EXHIBITIONS
Among French books. Teatr 17 no. 8:184 Ag '56.

MOSCOW—BOARDING SCHOOLS
Boarding schools prepare to open. Gor. khoz. Mosk. 30 no. 7:38 Jl '56.
Under the wing of Moscow boarding school no. 12. V. P. Il'in. Rabotnitsa 34 no. 9:2 S '56.

MOSCOW—BOXING
New and old names. A. Gallitskii. Fizk. i sport 26 no. 9:28-29 '56.

MOSCOW—BUILDING
Calendar. Gor. khoz. Mosk. 30 no. 8:38-39 Ag '56.
Constant improvement of cultural and material services to the people of Moscow. A. M. Kalashnikov. Gor. khoz. Mosk. 30 no. 8:1-4 Ag '56.
Introducing new techniques into the economy of the Moscow Soviet during the sixth five-year plan. N. P. Plotnikov, S. S. Chelnokov. Gor. khoz. Mosk. 30 no. 8:4-7 Ag '56.
Progressive construction for Moscow buildings. S. Zhak. Stroi. mat., izdel. i konstr. 2 no. 8:3-6 Ag '56.
Southwest Moscow. G. fAsnyi. Ogonek 34 no. 36:16 S '56.

MOSCOW—BUILDING—EXHIBITIONS
Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva elektrostantsii. Tekhnicheskoe upravlenie. ["Power construction in the U. S. S. R." Pavilion; prospectus of an exposition] Pavil'on "Energeticheskoe stroitel'stvo SSSR"; prospekt ekspozitsii. [Vsesoiuznaia promyshlennaia vystavka, Otdel propagandy, 1956]. Moskva, 1956. 46 p.

MOSCOW—BUILDING—PERIODICALS
Conference of readers of "Gorodskoe khoziaistvo Moskvy." Gor. khoz. Mosk. 30 no. 8:39-40 Ag '56.

MOSCOW—BUILDING MATERIALS INDUSTRY
Efficient materials for construction in Moscow. N. Dikerman. Stroi. mat., izdel. i konstr. 2 no. 7:6-8 Jl '56.

MOSCOW—BUILDING TRADES—STUDY AND TEACHING
Training in industrial building methods. V. Egorov. Prof.-tekh. obr. 13 no. 7:31 Jl '56.

MOSCOW—CHESS—TOURNAMENTS
The struggle becomes more acute. Salo Flohr. Ogonek 34 no. 30:31 S '56.

MOSCOW—CIRCUS
After guest performances. Ogonek 34 no. 36:22-23 S '56.

MOSCOW—CLOTHING INDUSTRY
Modest profession. I. Okunev. Prom. koop. no. 8:24-25 Ag '56.

MOSCOW—COMMERCE
Lesnov, M.Z. [The permanent committee on trade and public catering; the experience of the permanent committee on trade and public catering of the Moscow City Council of Workers' Deputies] Postoiannaia kommissiia po torgovle i obshchestvennomu pitaniiu; iz opyta postoiannoi kommissii po torgovle i obshchestvennomu pitaniiu Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia. Moskva, Gos. izd-vo iuridicheskoi lit-ry, 1956. 61 p.

MOSCOW—COMMERCE—DIRECTORIES
[Where to buy what; a Moscow directory of commercial enterprises and services] Gde chto kupit'; reklamnyi spravochnik Moskovskikh predpriiatii torgovli i bytovogo obsluzhivaniia. [Moskva] Izd-vo "Moskovskaia pravda," 1956. 320 p.

MOSCOW—COMMUNITY CENTERS
Our common cause. A. TSeitlin. Sov. profsoiuzy 4 no. 9:56-58 S '56.

MOSCOW—CONCRETE
Industrial cooperation of two enterprises. M. Vasiunikin, K. Magnushevskii. Sov. profsoiuzy 4 no. 8:60-62 Ag '56.

MOSCOW—CONSTRUCTION INDUSTRY
New names. N. Rogov. Sov. profsoiuzy 4 no. 8:53-55 Ag '56.

MOSCOW—CONSTRUCTION INDUSTRY—EXHIBITIONS
An exhibition of new construction technology. I. G. Fedorov. Mekh. trud. rab. 10 no. 9:20-24 S '56.
Moscow exhibition of new building technology, 1956. G. L. Genkin. Stroi. pred. neft. prom. 1 no. 7:24-26 S '56.
Precast reinforced concrete at the Moscow Exhibition of New Construction Technology. I. D. Naumov. Bet. i zhel.-bet. no. 9:328-330 S '56.

MOSCOW—COOPERATIVE SOCIETIES—CONGRESSES
Members of cooperative societies met in Moscow. Sov. Soiuz no. 10:39 O '56.

MOSCOW—DESCRIPTION
Sobotovich, I.D., and E.P.Sobotovich. [Moscow from the deck of a motorship; a guidebook] Moskva s borta teplokhoda; putevoditel'. Moskva, Rechnoi transport, 1956. 214 p.
Walk through the city of the sixth Festival. V. Kudriavtsev. Mol. mira no. 8:4-6 '56.

MOSCOW—DISABLED—REHABILITATION, ETC.
Finding homework for disabled workers. V. Ivlev. Prom. koop. no. 8:36 Ag '56.

MOSCOW—DOG SHOWS
Moscow Dog Show. V. Demin, A. Ezhov. Okh. i okh. khoz. no. 9:34-35 S '56.

MOSCOW—EDUCATION
Pedagogical life of the capital. V. P. Nar. obr. no. 9:74-76 S '56.

MOSCOW—EXHIBITIONS
All-Union Industrial Exhibition. I. Agranovskii. Krest'ianka 35 no. 9:6-8 S '56.
At the all-Union industrial exhibition. A. Matiiasevskii, L. Troitskii. Radio no. 8:6-7 Ag '56.
At the All-Union Industrial Exhibiton. Mekh. trud. rab. 10 no. 8:24a-d Ag '56.
In the stands of the industrial exhibition. N. Zasorin, IU. Stepanov. Znan. sila 31 no. 9:6-7 S '56.
It was made by producers' cooperatives. V. Tolstov. prom. koop. no. 8:4-6 Ag '56.
Let's visit the exhibition. G. Radov. Ogonek 34 no. 35:20-21 Ag '56.
Moscow. Muzei revoliutsii SSSR. [Exhibition on the fiftieth anniversary of the first Russian revolution; guidebook and catalog] Vystavka piat'desiat let pervoi russkoi revoliutsii; putevoditel' i katalog. Moskva, 1956. 124 p., illus.

MOSCOW—FARM BUILDINGS—EXHIBITIONS
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Collective farm building" pavilion; a guidebook] Pavil'on "Postroiki kolkhoznogo sela"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

MOSCOW—GARAGES
Some problems of garage construction in Moscow. IA. P. Shmatkov. Gor. khoz. Mosk. 30 no. 7:23-26 Jl '56.

MOSCOW—GAS, NATURAL
Problems for the further improvement in utilizing Moscow's gas industry. I. M. Kolotyrkin. Gor. khoz. Mosk. 30 no. 7:5-9 Jl '56.

MOSCOW—GAS MANUFACTURE AND WORKS
Problems for the further improvement in utilizing Moscow's gas industry. I. M. Kolotyrkin. Gor. khoz. Mosk. 30 no. 7:5-9 Jl '56.

MOSCOW—HEATING
For efficient utilization of apartment house heating systems. R. A. Savenkov. Gor. khoz. Mosk. 30 no. 7:17-20 Jl '56.

MOSCOW—HISTORICAL MUSEUMS
The K. Marx and F. Engels Museum. V. A. Radus-Zen'kovich. Vop. ist. no. 7:109-110 Jl '56.
Rublev Museum. M. Alpatov. Arkhit. SSSR no. 7:39-40 '56.

MOSCOW—HOCKEY
May is the soccer and hockey season. Sp. igry 2 no. 6:16-17 Je '56.

MOSCOW—HORSE RACING
Challenge cup of the Moscow State Track for horsemen. V. Avdeev. Konevodstvo 26 no. 7:38-40 Jl '56.

MOSCOW—HOSPITALS—HISTORY
The 250th anniversary of the foundation of the Moscow hospital in Lefortovo (May 25, 1706) and the establishment of a medical and surgical school connected with the hospital. A. G. Lushnikov. Fel'd. i akush. 21 no. 7:40-43 Jl '56.

MOSCOW—HOTELS, TAVERNS, ETC.
Building in Zariad'e. Gor. khoz. Mosk. 30 no. 7:38-39 Jl '56.
Hotels and guests. Nairi Zarian. Novyi mir 32 no. 9:280-281 Ag '56.

MOSCOW—HOUSING
On the activity of the permanent housing commissions of the local Soviets of the city of Moscow. M. A. Postnikov, G. L. Kotov. Gor. khoz. Mosk. 30 no. 7:20-23 Jl '56.
When one remembers his duties. A. Kochetkova. Sov. profsoiuzy 4 no. 9:54-56 S '56.

MOSCOW—INSURANCE, SOCIAL
District social insurance committee in these days. T. Troitskaia. Ogonek 34 no. 35:29 Ag '56.

MOSCOW—LANDSCAPE ARCHITECTURE
Greater attention to landscaping of the capital's new districts. A. IA. Kovalev, Z. A. Nikolaevskaia. Gor. khoz. Mosk. 30 no. 8:8-12 Ag '56.

MOSCOW—LANDSCAPE GARDENING
Finish the landscaping and planting of the yards. I. I. Ovsienko, N. N. Mirzueva, M. E. Kirillov. Gor. khoz. Mosk. 30 no. 8:3 of cover Ag '56.

MOSCOW—LAUNDRIES, PUBLIC
Ways of reducing the cost of washing linen in communal laundries. S. P. Azarov. Gor. khoz. Mosk. 30 no. 8:27-30 Ag '56.

MOSCOW—MACHINE TOOLS
Pneumatic turning fixture with automatic cylinder shifting and inside air-conduit design. P. V. Mynkin. Stan. i instr. 27 no. 7:41-42 Jl '56.

MOSCOW—MATHEMATICS—STUDY AND TEACHING
Pedagogic exhibition. N. Z. Uritskii. Mat. v shkole no. 5:85-86 S-O '56.

MOSCOW—MEAT INSPECTION
Industrial and veterinary inspection at the Moscow Mikoian Meat Combine. V. G. Dedash. Veterinariia 33 no. 9:52-56 S '56.

MOSCOW—MECHANICAL MODELS—EXHIBITIONS
At the exhibition. V. Sandler. Znan. sila 31 no. 8:17-18 Ag '56.

MOSCOW—MEDICAL COLLEGES—HISTORY
The 250th anniversary of the foundation of the Moscow hospital in Lefortovo (May 25, 1706) and the establishment of a medical and surgical school connected with the hospital. A. G. Lushnikov. Fel'd. i akush. 21 no. 7:40-43 Jl '56.

MOSCOW—MIGRATION, INTERNAL
A day in a district party committee. B. Volk, N. Sidorov. Mol. komm. 14 no. 9:94-97 S '56.

MOSCOW—MOTION-PICTURE FESTIVALS
The cycle of motion-picture festivals entitled "Masters of Soviet cinematography." Isk. kino no. 7:116 Jl '56.
First festival of Yugoslav motion pictures in the U. S. S. R. Isk. kino no. 7:107-109 Jl '56.

MOSCOW—MUNICIPAL ENGINEERING
Improve record keeping in Moscow's municipal underground construction systems. Gor. khoz. Mosk. 30 no. 7:39 Jl '56.

MOSCOW—OPERA

From rehearsal halls. Teatr 17 no. 9:178-179 S '56.

MOSCOW—PARENTS' AND TEACHERS' ASSOCIATIONS

Ten-years' work of the parents' committee. A. Mozhaiskaia. Sem'ia i shkola 11 no. 9:20 S '56.

MOSCOW—PHOTOGRAPHY—STUDIOS AND DARK ROOMS

Laboratories for amateur photographers. O. Il'in. Prom. koop. no. 8:28 Ag '56.

MOSCOW—PHYSICAL METALLURGY—HISTORY

Brief history of the founding and development of the Metallographic Department in Moscow Technical College. I. I. Sidorin. [Trudy] MVTU no. 41:3-5 '55.

MOSCOW—PRECIOUS STONES

Precious stones. K. Barykin. Ukraina no. 19:7 O '56.

MOSCOW—PUBLIC BUILDINGS

Palace of Soviets. P. V. Abrosimov. Ogonek 34 no. 38: 6 S '56.

MOSCOW—PUPPETS AND PUPPET PLAYS

Masters of "evil spirits." Teatr 17 no. 8:180-181 Ag '56.

MOSCOW—RADIO—APPARATUS AND SUPPLIES—EXHIBITIONS

Communications equipment at the All-Union Industrial Exhibition. Vest. sviazi 16 no. 8:12-13 Ag '56.

MOSCOW—RADIOLOGY, MEDICAL—SOCIETIES

Information on the activities of the Moscow Society of Roentgenologists and Radiologists in 1955. Vest. rent. i rad. 31 no. 4:92-94 Jl-Ag '56.

MOSCOW—RAILROADS

More on the construction of railroad lines in the Moscow rail system. S. V. Zemblinov and others. Zhel. dor. transp. 38 no. 8:41-45 Ag '56.

MOSCOW—REINFORCED CONCRETE CONSTRUCTION

Specialization of enterprises. I. Vorob'ev, G. Khachatrian. Strol. mat., izdel. i konstr. 2 no. 7:9-12 Jl '56.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

For further improvement in the work of public dining establishments. Gor. khoz. Mosk. 30 no. 7:39 Jl '56.

MOSCOW—ROADS—MAINTENANCE AND REPAIR

Efficiency workers and innovators in the field of street and bridge maintenance. N. V. Kharitonenko. Gor. khoz. Mosk. 30 no. 8:32-35 Ag '56.

Worthy contribution of efficiency innovators. G. M. Koriaushkin, V. N. Kashmanov. Avt. dor. 19 no. 8:32 Ag '56.

MOSCOW—SCHOOLHOUSES

School construction using large blocks in Moscow. S. Starostin, L. Filova'kyi. Arkhit. i bud. 4 no. 2:23-25 Mr-Ap '56.

MOSCOW—SELF-SERVICE STORES

New self-service store. A. Kozlov. Sov. torg. no. 8:28-29 Ag '56.

MOSCOW—SHOOTING CONTESTS

Usual surprise. V. Pashinin. Fizk. i sport 26 no. 9: 17 '56.

MOSCOW—SKIN—DISEASES

Prevention of dermatitis in workers of a Moscow tire plant. S. IA. Nudel'. Gig. i san. 21 no. 9:74-75 S '56.

MOSCOW—SLAUGHTERING AND SLAUGHTERHOUSES

New equipment of the Moscow Meat Combine. B. Gevorgian. Miasn. ind. SSSR 27 no. 4:12-16 '56.

MOSCOW—SOCCER

Breaking "concrete." V. Dubinin. Sp. igry 2 no. 6:11-12 Je '56.

In Moscow and in Hannover. N. Simonian. Ogonek 34 no. 39:26 S '56.

May is the soccer and hockey season. Sp. igry 2 no. 6: 16-17 Je '56.

Notes of a soccer referee. N. Latyshev. Fizk. i sport 26 no. 9:16 '56.

MOSCOW—SOVIET

Socialist legality and protection of rights of citizens discussed at sessions of Moscow precinct soviets. M. A. Postnikov, V. S. Shapovalov. Sov. gos. i pravo no. 4:73-79 '56.

MOSCOW—SPORTS

Celebration of Soviet sports. A. Maillants. Sots. Uz. 15 no. 9:9 S '56.

Comments of guests of the Spartakiada. Fizk. i sport 26 no. 9:3-5 '56.

Let's keep body and soul young. Mol. kolkh. 23 no. 8:16-17 Ag '56.

Toward new successes. Fizk. i sport 26 no. 9:2-3 '56.

Twelve days of great sports. Ukraina no. 17:4-6 S '56.

MOSCOW—STADIUMS

Assembling steel and reinforced concrete elements for the large sports arena of the Central Stadium in Moscow. N. U. Senichev. Nov. tekh. i pered. op. v stroi. 18 no. 8:18-22 Ag '56.

Erecting the Palace of Sports in the Central Stadium in Moscow. I. N. Demin. Nov. tekh. i pered. op. v stroi. 18 no. 8:22-25 Ag '56.

The flags of the sports festival will be raised here. Smena 33 no. 15:2-3 Ag '56.

Here youth shall bloom. V. Zotov. Fizk. i sport 26 no. 9:18-19 '56.

Near Lenin Hills. Sov. Soiuz no. 10:20-21 O '56.

MOSCOW—STREET SIGNS

Careful! Pigeons. O. Moiseev. Smena 33 no. 11:24 Je '56.

MOSCOW—SWIMMING

Youth speaks. A. Van'kov. Fizk. i sport 26 no. 9:30-31 '56.

MOSCOW—SWINE—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [Breeds of swine at the All-Union Agricultural Exhibition, 1954-1955] Porody svinei po materialam VSKhV. [Moskva] Ministerstvo sel'skogo khoziaistva SSSR, 1956-. 1 v.
(DA)

MOSCOW—TEACHERS, TRAINING OF

Activity of the mathematics study section of the Moscow District Institute for the Improvement of Teachers in the academic year 1955-1956. L. N. Zolotovitskii, I. S. Petrakov. Mat. v shkole no. 5:82-85 S-O '56.

MOSCOW—TELECOMMUNICATION—CONGRESSES

Meeting of Moscow communications workers. Vest. sviazi 16 no. 8:2 Ag '56.

MOSCOW—TELEVISION—ANTENNAS

Moscow tower. A. Sokolov. Sov. Soiuz no. 10:23 O '56.

MOSCOW—TELEVISION—TRANSMITTERS AND TRANSMISSION

The world's tallest structure. Zmina no. 8:19 Ag '56.

MOSCOW—THEATER

"The deceased gentleman." Teatr 17 no. 8:114-116 Ag '56.

"Eternally living." Teatr 17 no. 8:116 Ag '56.

From rehearsal halls. Teatr 17 no. 9:178-179 S '56.

Lethargic sleep. Teatr 17 no. 8:135 Ag '56.

Moscow theaters during the new season. Teatr 17 no. 8:171-173 Ag '56.

The seeker makes his way. Inna Solov'eva. Teatr 17 no. 9:132-144 S '56.

"The story of a drummer." Teatr 17 no. 9:146-149 S '56.

Ten-day festival of Armenian art and literature. Teatr 17 no. 8:170 Ag '56.

Two stagings of "Doctor of philosophy." Teatr 17 no. 9:148-150 S '56.

MOSCOW—THERAPEUTICS—SOCIETIES

Minutes of sessions of the Moscow Society of Therapeutists. Terap. arkh. 28 no. 5:99-03 '56.

MOSCOW—TRACK ATHLETICS

Meeting of friendship. Traditional contests between the U. S. S. R. and Great Britain. V. Petrusenko. Leg. atl. no. 8:18-19 Ag '56.

MOSCOW—TRADE UNIONS

Why meetings at our workshop are so dull. V. IAnin. Sov. profsoiuzy 4 no. 8:70-71 Ag '56.

MOSCOW—TRAFFIC ENGINEERING

Coordinated regulation of street traffic in Moscow. V. A. Vladimirov, A. V. Goncharov. Gor. khoz. Mosk. 30 no. 8:18-22 Ag '56.

MOSCOW—VETERINARY HYGIENE

Moscow city veterinary health station. A. A. Karazin, I. F. Kryshchenko. Veterinariia 33 no. 9:58-60 S '56.

MOSCOW—VETERINARY MEDICINE—EXHIBITION

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Veterinary polyclinic" pavilion; a guidebook] Pavil'on "Veterinarnaia poliklinika", putevoditel', Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

MOSCOW—VOLLEYBALL

At the volleyball net. A. Laptev. Fizk. i sport 26 no. 9:24 '56.

MOSCOW—WATER SUPPLY

Planning a new water supply station. Gor. khoz. Mosk. 30 no. 7:39 Jl '56.

MOSCOW—WATER SUPPLY ENGINEERING

A more rapid development of Moscow's water supply and sewage system. G. S. Gorin. Gor. khoz. Mosk. 30 no. 8:13-15 Ag '56.

MOSCOW—YOUTH—CONGRESSES

Answers to our questionnaire. Mol. mira no. 7:24 '56.

The capital prepares for the festival. IU. Volgin. Smena 33 no. 15:11 Ag '56.

Contribution from Soviet youth. Mol. mira no. 8:7 '56.

Greeting the festival. A. Akhapkin. Prof.-tekh. obr. 13 no. 9:20-21 S '56.

It will be in Moscow. IU. Ovsiannikov. Kul't.-pros. rab. 17 no. 9:35-36 S '56.

Readers suggest... Mol. mira no. 8:3 '56.

To the sound of the bagpipe roulades. Charlie Kutts. Mol. mira no. 8:8-9 '56.

Welcoming the festival. V. Kirilenko. Sots. Uz. 15 no. 9:6 S '56.

Youth is the winner and friendship is the first prize. Mol. mira no. 8:19 '56.

Youth of the world prepares for the meeting in Moscow. V. Vdovin. Mol. komm. 14 no. 8:115-121 Ag '56.

MOSCOW—ZOOLOGICAL GARDENS

Good morning. N. Blagosklonov. Mol. kolkh. 23 no. 8: 31 Ag '56.

MOSCOW BASIN—COAL GASIFICATION

Development of underground coal gasification. Mast. ugl. 5 no. 9:26 S '56.

MOSCOW BASIN—COAL MINES AND MINING

For a further increase in coal production. A. A. Subbotin. Ugol' 31 no. 8:7-10 Ag '56.

Nine hundred and two meters of driftage in one month. D. Sukhachev. Mast. ugl. 5 no. 9:10-12 S '56.

MOSCOW BASIN—COAL MINES AND MINING—SAFETY MEASURES

Support and concern for public instructors. N. Sokolov. Sov. profsoiuzy 4 no. 9:46-47 S '56.

MOSCOW BASIN—COAL MINING MACHINERY

Drift mining 902 linear meters per day with the aid of the PK-2M cutter loader. D. A. Sukhachev. Ugol' 31 no. 8:10-14 Ag '56.

New machinery for mine building. Mast. ugl. 5 no. 9:26 S '56.

MOSCOW BASIN—GEOLOGY

Structural features of Devonian and Carboniferous deposits of the southern wing of the Moscow Basin. M. I. Graizer. Izv. AN SSSR, Ser. geol. 21 no. 8:20-30 Je '56.

MOSCOW PROVINCE—AGRICULTURAL MACHINERY

Much-needed machine. A. Gol'tsov. Mol. kolkh. 23 no. 8:14 Ag '56.

MOSCOW PROVINCE—BASKETWORK

Wickerwork production in Moscow region is low. S. Kristi. Prom. koop. no. 8:34-35 Ag '56.

MOSCOW PROVINCE—BIRDS—EGGS AND NESTS

Nesting of some forest birds in the neighborhood of Moscow [with summary in English]. A. N. Formozov. Biul. MOIP. Otd. biol. 61 no. 3:21-26 My-Je '56.

MOSCOW PROVINCE—CORN (MAIZE)

Some features of the development and growth of corn in the new corn regions. Report no. 1. F. M. Kuperman, A. A. Luchshev, A. M. Shul'gin. Izv. AN SSSR. Ser. biol. no. 4:15-33 Jl-Ag '56.

MOSCOW PROVINCE—FIELD MICE

Activities of birds of prey and field vole population on farm lands of southern Moscow Province [with summary in English]. M. IA. Lavrova, E. V. Karaseva. Biul. MOIP. Otd. biol. 61 no. 3:5-19 My-Je '56.

MOSCOW PROVINCE—GOITER

Endemic goiter in Moscow Province and measures for its control. M. E. Skatkov. Probl. endok. i gorm. 2 no. 3:29-37 My-Je '56.

MOSCOW PROVINCE—RAILROADS

On a local train. E. TSugulieva. Sov. Soiuz no. 9:30-31 S '56.

MOSCOW PROVINCE—SEWAGE IRRIGATION

Orlov, V. P. [Sewage irrigation of agricultural crops; based on the example of collective and state farms in Moscow Province] Oroshenie sel'skokhoziaistvennykh kul'tur stochnymi vodami; na primere kolkhozov i sovkhozov Moskovskoi oblasti. Moskva, Gos. izd-vo selkhoz lit-ry, 1955. 101 p.
(DA)

MOSCOW PROVINCE—TECHNICAL EDUCATION—DIRECTORIES

[Where to study; a manual for students entering higher and secondary schools for special studies (technical and vocational in Moscow and Moscow Province in 1956] Kuda poiti uchit'sia; spravochnik dlia postupaiushchikh v vysshie, srednie spetsial'nye uchebnye zavedeniia (tekhnikumy, uchilishcha, shkoly) i tekhnicheskie uchilishcha Moskvy i Moskovskoi oblasti v 1956 godu. God izd. 10-i. [Moskva] Izd-vo "Moskovskaia pravda," 1956. 214 p.

MOSCOW PROVINCE—WATER—POLLUTION

Measures for combating the pollution of Moscow River. N. N. Trakhtman, R. I. Skidal'skaia. Gor. khoz. Mosk. 30 no. 8:15-18 Ag '56.

MOSCOW UNIVERSITY

Scientific expeditions of Moscow University. S. Moiseev. Vest. vys. shkoly 14 no. 9:27-33 S '56.

MOSCOW UNIVERSITY—HISTORY

Role of Moscow University in the development of chemical technology. S. I. Vol'fkovich. Vest. Mosk. un. 11 no. 5:137-144 My '56.

MOSKVORETSKIY DISTRICT—PARENTS' AND TEACHERS' ASSOCIATIONS

Members of the parents' association in Moskvoretskii District. E. Liubimova. Sem'ia i shkola 11 no. 8:35 S '56.

MOSQUES see subdivision under Annau

MOSQUITOES
(see also subdivision under Karaganda; Marks District; Saratov Province; Uzbekistan)

Fertility of Anopheles sacharovi and Anopheles superpictus females. S. I. Solodovnikov. Med. paraz. i paraz. bol. 25 no. 3:272 Jl-S '56.

MOSSES see subdivision under Kanev District; Russia, Northern

MOTHS
(see also subdivision under Baikal region; Gissar Valley; Soviet Central Asia; Tajikistan; Vakhsh Valley)

Conference on the larch spinner. D. M. Shteinberg. Ent. obozr. 35 no. 2:477-478 '56.

Controlling the tea moth (Parametriotes theae Kusn.) P. I. Mitrofanov. Zashch. rast. ot vred. i bol. 1 no. 2: 54-55 My-Je '56.

Eliminating fall webworm niduses. I. A. Churaev. Zashch. rast. ot vred. i bol. 1 no. 2:45-48 My-Je '56.

Subgenus Acedes Hb. (Lepidoptera, Tineidae) and its new species. A. K. Zagulaev. Ent. obozr. 35 no. 1:154-158 '56.

What is the female Hybernia occataria described by N. G. Ershov? A. M. D'iakonov. Zool. zhur. 35 no. 8:1260 Ag '56.

MOTION

Karagodin, V. M. [Some problems in the mechanics of bodies with variable mass] Nekotorye voprosy mekhaniki tela peremennoi massy. Moskva, Gos. izd-vo obor. promyshl., 1956. 30 p. (Moscow. Aviatsionnyi institut. Trudy, no. 63)

Theory of Lapunov's second method in studying the steadiness of motion. N. N. Krasovskii. Dokl. AN SSSR 109 no. 3:460-463 Jl '56.

MOTION-PICTURE CAMERAS

The FP-22 high-speed motion-picture camera. L. A. Samurov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:278-285 Jl-Ag '56.

High-frequency motion-picture camera unit with synchronized impulse lighting for an exposure frequency of 40,000 frames per second. G. A. Golostenov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:286-294 Jl-Ag '56.

MOTION-PICTURE DISTRIBUTION

Film rental offices' equipment for the sixth five-year plan. V. Korovkin, I. Fridman. Kinomekhanik no. 8: 27-31 Ag '56.

MOTION-PICTURE FESTIVALS see subdivision under Belgium; Cannes; Moscow

MOTION-PICTURE FILM see Cinematography—Films

MOTION-PICTURE INDUSTRY
(see also subdivision under Czechoslovakia; Germany, East; Great Britain; United States)

New instructions on handling tickets in cinema circuits. M. Zatonts. Kinomekhanik no. 8:20-21 Ag '56.

MOTION-PICTURE PLAYS
(see also subdivision under China; Czechoslovakia; Yugoslavia; Uzbekistan)

The all-Union contest for the best scenario has been prolonged. Isk. kino no. 8:117 Ag '56.

The artist decides. IU. Khanutin. Isk. kino no. 7:21-30 Jl '56.

"Because of honor." Kinomekhanik no. 9:47 S '56.

"The bonfire of immortality." Kinomekhanik no. 9: 46 S '56.

Concerning contemporaneity. Vladimir Ognev. Isk. kino no. 7:10-20 Jl '56.

"A crazy day." Kinomekhanik no. 8:47 Ag '56.

Discussing the scenarios of "Life wins" and "Northern rainbow." Isk. kino no. 8:116 Ag '56.

"The flame of wrath." Kinomekhanik no. 8:47 Ag '56.

"The girls planted flax." Kinomekhanik no. 9:46 S '56

"The gray brigand." Kinomekhanik no. 9:47 S '56.

In the Writers Association of the U. S. S. R.; motion-picture review in newspapers and periodicals. Isk. kino no. 8:114-116 Ag '56.

More about high artistic value. N. Valekhova. Isk. kino no. 8:3-13 Ag '56.

Motion pictures for television. Isk. kino no. 8:120-121 Ag '56.

Needed genre. L. Sheinin. Ogonek 34 no. 36:22-23 S '56.

New films. Isk. kino no. 8:123-128 Ag '56.

Originality of craftsmanship. A. Macheret. Isk. kino no. 8:14-28 Ag '56.

"The path of thunder." Kinomekhanik no. 8:46 Ag '56.

"Power to the soviets." Kinomekhanik no. 8:45-46 Ag '56.

"The road of truth." Kinomekhanik no. 8:46-47 Ag '56.

See these motion pictures. Sots. kul't. 10 no. 9:47 S '56.

"There is such a lad." Kinomekhanik no. 9:46-46 S '56.

A word from the spectator. Isk. kino no. 8:120-121 Ag '56.

The writer and motion pictures. S. Martlianov, I. Savvin Sov. Kazakh. 22 no. 7:115-119 Jl '56.

MOTION-PICTURE PLAYS—BIBLIOGRAPHY see Bibliography—Motion-picture plays

MOTION-PICTURE PROJECTION
(see also subdivision under Bogorodsk; Kabardia; Maritime Territory)

An active propagandist of the motion-picture art. IA. Krochek. Kinomekhanik no. 9:7-8 S '56.

Be careful with 16-mm. film copies. A. Ovchinnikov. Kinomekhanik no. 8:31 Ag '56.

Critical frequency of the confluence of flickers in the case of wide-screen motion-picture projection. E. M. Goldovskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 4: 272-277 Jl-Ag '56.

Daylight motion pictures with indirect projection onto the back of the screen. D. Bruskin. Kinomekhanik no. 9:17-24 S '56.

Discover new resources. V. Pugach, G. Tikhonov, Kinomekhanik no. 8:9-10 Ag '56.

Eliminate defects. M. Torbin. Kinomekhanik no. 9: 9-10 S '56.

An excellent specialist. L. Kazakov. Kinomekhanik no. 8:6-7 Ag '56.

Give the public a higher quality of film showings. Kinomekhanik no. 9:1-3 S '56.

Goldovskii, E. M. [Principles of broadscreen cinematography] Printsipy shirikoekrannogo kinematografa. Moskva, Gos. izd-vo "Iskusstvo," 1956. 164 p.

Half a century in a projection room. I. Budrikas, Kinomekhanik no. 8:4 Ag '56.

He will keep his word. G. Klis. Kinomekhanik no. 8:6 Ag '56.

A modest workman. IA. Pavlov. Kinomekhanik no. 9: 4-5 S '56.

On the road again... V. IArkin. Kinomekhanik no. 8: 5-6 Ag '56.

Promote more extensive use of daylight motion-picture projection. N. Zarshchikov. Kinomekhanik no. 9:24 S '56.

Readers' letters. Kinomekhanik no. 9:13-14 S '56.

Suggestions for improvements. Kinomekhanik no. 8:32-38 Ag '56.

Technical equipment for rural stationary motion-picture installations. A. Pervov. Kinomekhanik no. 8:22-24 Ag '56.

Use of a photographic objective in connection with indirect motion-picture projection onto the back of the screen. V. Nazarov. Kinomekhanik no. 9:25 S '56.

MOTION-PICTURE PROJECTION—CONGRESSES see subdivision under Paris

MOTION-PICTURE PROJECTION—STUDY AND TEACHING see subdivision under Saratov

MOTION-PICTURE PROJECTORS
(see also subdivision under Saratov)

Automatic reels. V. Overin. Kinomekhanik no. 8:24-26 Ag '56.

Bring equipment up to date in motion-picture circuits. A. Bisikalov. Kinomekhanik no. 9:15-16 S '56.

Efficiency suggestions. Kinomekhanik no. 9:37-38 S '56.

Equip portable motion-picture projectors with good projector lamp sockets. Kinomekhanik no. 9:26 S '56.

General-purpose shutter. Kinomekhanik no. 8:43-44 Ag '56.

Message from workers of Rostov motion-picture equipment repair workshops to workers, engineers, technicians, and officials of the Saratov and Rostov motion-picture equipment factories. Kinomekhanik no. 9:31 S '56.

Motion-picture apparatus at the Milan International Fair. A. Karal'nik. Kinomekhanik no. 9:39-44 S '56.

MOTION-PICTURE SCREENS

The essential proportions of a wide screen. E. M. Goldovskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:45-51 Ja-F '56.

MOTION-PICTURE THEATERS
(see also subdivision under Alatyr'; Stalinsk)

City movie theaters. Kinomekhanik no. 8:1-3 Ag '56.

MOTION PICTURES
(see also subdivision under Belgium; Japan)

Film showings for the deaf-mute and blind. S. Bykov. Kinomekhanik no. 8:30 Ag '56.

From everywhere. Isk. kino no. 7:106 Jl '56.

From everywhere. Isk. kino no. 8:112-113 Ag '56.

In a few lines. Isk. kino no. 7:115-117 Jl '56.

In the export section. Isk. kino no. 7:117 Jl '56.

In the Home of Motion Pictures. Isk. kino no. 7:118-120 Jl '56.

In the House of Cinema. Isk. kino no. 8:117 Ag '56.

In the U. S. S. R. Ministry of Culture. Isk. kino no. 7:110-112 Jl '56.

The laws and means of cinema art. Karol Nemcsik. Isk. kino no. 7:83-91 Jl '56.

Literature on cinema at the exhibition of French books and drawings. Isk. kino no. 8:122 Ag '56.

Motion pictures as a tool of scientific research. F. K. Smirnov. Vest. AN Kazakh. SSR 12 no. 9:60-64 S '56.

The specific nature of the subject in cinema. K. Pletnevskii. Isk. kino no. 8:73-86 Ag '56.

MOTION PICTURES—HISTORY

Lectures on the history of motion pictures. Isk. kino no. 7:115 Jl '56.

MOTION PICTURES—PERIODICALS see subdivision under Rumania

MOTION PICTURES—PRODUCTION AND DIRECTION

Discussion of screen projects. Isk. kino no. 8:110 Ag '56.

MOTION PICTURES—SETTING AND SCENERY

Tolmachev, V. B., and K. N. Polianskii. [Design and construction of settings for motion pictures] Proektirovanie i postroika kinodekoratsii. Moskva, Gos. izd-vo "Iskusstvo," 1956. 210 p.

MOTION PICTURES, DOCUMENTARY

Calendar of the history of motion pictures. Isk. kino no. 7:121-122 Jl '56.

A higher standard of craftsmanship for documentary motion-pictures. Isk. kino no. 7:3-9 Jl '56.

In the planning department of the Central Studio of Documentary Motion Pictures. Isk. kino no. 8:120 Ag '56.

The motion picture "Freezing of the Yenisey." I. IA. Liser. Meteor. i gidrol. no. 7:63 Jl '56.

Motion-picture report on a trip. IU. Polovin. Ogonek 34 38:25 S '56.

The use of documentary materials of the Central State Archives of Cinema-Photo-Phonodocuments of the U. S. S. R. S. T. Pleshakov, V. R. Khodorkovskii. Ist. arkh. no. 4:235-236 Jl-Ag '56.

MOTION PICTURES, THREE-DIMENSIONAL

"3-D cinematography and new screen techniques" [in English]. A. C. Clyne. Reviewed by Kh. M. Akopiev. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:316-319 Jl-Ag '56.

MOTION PICTURES IN AGRICULTURE

Movies and agricultural propaganda. L. K. Doroduilin. Nauka i pered. op. v sel'khoz. no. 8:91-93 Ag '56.

Supplement: Agricultural films recommended for rural showing. Kinomekhanik no. 9:24a-d S '56.

MOTION PICTURES IN EDUCATION

Educational and scientific cinematography in higher education. S. Arkhangel'skii, B. Kubasov. Isk. kino no. 7: 31-33 Jl '56.

Educational films in higher pedagogical education. S. I. Arkhangel'skii. Sov. pedag. 20 no. 8:68-77 Ag '56.

Motion pictures in the school. IU. Znamenskii. Nar. obr. no. 9:26-29 S '56.

Narrow-width films for school showing. A. Mikhailov. Kinomekhanik no. 9:10 S '56.

MOTION PICTURES IN INDUSTRY

Scientific and popular films on construction. Sel'. stroi. 11 no. 8:3 of cover Ag '56.

MOTOR FUELS

Quantitative determination of aromatic and unsaturated hydrocarbons in motor fuels. V. D. IAsnopol'skii, V. S. Aliev, M. V. Arakelian. Azerb. neft. khoz. 35 no. 6:33-35 Je '56.

Semiautomatic apparatus for determining crystallization temperatures of motor fuels. V. K. Frolova, A. S. Fedorova. Neft. khoz. 34 no. 7:49-50 Jl '56.

MOTOR PSYCHOLOGY see Movement, Psychology of

MOTORBUS LINES

Experience in organizing interurban passenger service. V. Ivanov, M. Kori. Avt. transp. 34 no. 8:8-9 Ag '56.

From the practice of operating buses on interurban routes. V. Fridshetin. Avt. transp. 34 no. 7:14-16 Jl '56.

Improve the transport of passengers in all ways. Avt. transp. 34 no. 8:1-3 Ag '56.

On the interurban lines. Avt. transp. 34 no. 8:insert Ag '56.

MOTORBUS LINES (Continued)
Regularity of bus schedules. N. Grozmani. Avt. transp. 34 no.8:6-7 Ag '56.

MOTORBUSES
(see also subdivision under Czechoslovakia; United States)
Automatic bus stop signs. P. Kharitonov, L. Gal'perin, S. Kalashnikov. Avt. transp. 34 no. 7:10-11 Jl '56.
Gurevich, LS., and R.M. Guttsait. [Organization of bus fleet operations; experience of the Leningrad no. 1 bus fleet] Organizatsiia raboty avtobusnogo parka; iz opyta raboty 1-go Leningradskogo avtobusnogo parka. Moskva, Nauchno-tekhn. izd-vo avto-transp. lit-ry, 1956. 47, p.

MOTORCYCLES
(see also subdivision under Minsk)
Air and land motorcycles. N. Vysotskaia. Pioner no.9:66-67 S '56.
On motorcycles along the roads of our country. T. M. Salkazanova. Zdorov'e 2 no.9:24 S '56.

MOTORTRUCKS
Adapting ZIS-585 dump trucks for transporting raw materials for hydrolysis. I. F. Kapitonov, I. M. Fridburg. Gidroliz. i lesokhim. prom. 9 no.6:25 '56.
Experience with operating IAAZ-210 trucks. A. Khainovskii. Avt. transp. 34 no.8:16-17 Ag '56.
New order on writing off automobiles and trailers. M. Amchislavskii. Avt. transp. 34 no.7:36 Jl '56.
Self-loading trucks. G. Degterev, I. Batishchev. Nov. torg. tekh. no. 3:26-28 '56.

MOTORTRUCKS—ENGINES
Pneumatic speed control for carburetor engines. V. P. Bel'tiukov. Avt. i trakt. prom. no.8:9-10 Ag '56.

MOUNDS see subdivision under Zemskoye (Ryazan Province)

MOUNT EVEREST EXPEDITION, 1956
Swiss mountaineers have conquered the "King of mountains" twice. Teor. i prak. fiz.-kul't. 19 no.8:629 '56.

MOUNTAINEERING see subdivision under Austria; Ecuador; Himalaya; Muztagh Ata Range

MOUNTAINS
Orography and precipitation in the Talas Valley. V. A. Bugaev, M. A. Petrosiants. Meteor. i gidrol. no.7: 19-22 Jl '56.

MOVCHAN, VASILII ARKHIPOVICH, 1903-
Vasilii Arkhipovich Movchan; on his 50th birthday. I. P. Belokon'. Nauk. zap. Kiev. un. 12 no.7:179-211 '53.

MOVEMENT, PSYCHOLOGY OF
Formation of motor habits in the process of technical education. K. S. Tochilov. Vest. Len. un. 11 no.15:126-135 '56.
Formation of so-called spontaneous movements in newborn animals. I. M. Vul. Uch. zap. Kish. un. 13:45-55 '54.

MOVEMENTS OF ANIMALS see Animal locomotion

MOWING MACHINES
Semimounted electric mower. IU. A. Roslov, K. V. Filatov, A. N. Matrosov. Sel'khozmashina no.8:13-15 Ag '56.

MUCOUS MEMBRANES—TUMORS
Experience in using Gordeev's fluid for the treatment of malignant and benign neoplasms of the skin and mucosa of the lower lip [with summary in English]. G. P. Zinchenko. Vop. onk. 2 no.3:354-356 '56.

MUCUS
Comparative rating of various testing methods for detecting the presence of cancerous elements in phlegm. A. IA. Al'tgauzen, G. I. Berkman. Lab. delo 2 no.1:7-9 Ja-F '56.

MUGODZHAR HILLS—PHYTOGEOGRAPHY
Concerning S. A. Nikitin's review. G. Dokhman. Bot. zhur. 41 no.6:909-914 Je '56.

MULBERRY see subdivision under Pamirs

MULES (SPINNING MACHINERY) see Spinning machinery

MULLITE
Effect of additives on the rigidity of mullite. M. F. Nazarenko, V. A. Sviridenko. Ogneupory 21 no.5:211-217 '56.
Effect of certain technological factors on the work of electric mullite furnaces. V. G. Eglazarian. Dokl. AN Arm. SSR 11 no.3:81-86 '49.
Effect of the voltage level on the work of mullite furnaces. V. G. Eglazarian. Dokl. AN Arm. SSR 12 no.3:73-78 '50.
Formation of mullite in an unusual form. L. I. Kariakin, O. M. Margulis. Dokl. AN SSSR 109 no.4:821-823 Ag '56.

MUNICIPAL ENGINEERING see subdivision under Moscow

MUNICIPAL SERVICES
Akademiia kommunal'nogo khoziaistva, Moscow. [A collection of summaries of research work carried out by the Academy during 1955] Sbornik annotatsii nauchnykh rabot Akademii, vypolnennykh v 1955 godu. Moskva, 1956, 34 p.
Machine accounting of payments from tenants. P. Shipchenko, S. Kanterman. Bukhg. uchet 15 no.8:42-45 Ag '56.
Problems of economy in municipal services. Gor. khoz. Mozk. 30 no.7:40 Jl '56.

MUNICIPAL SERVICES—HANDBOOKS, MANUALS, ETC.
[Handbook on communal economy] Spravochnik po kommunal'nomu khoziaistvu. Pod obshchei red. A.E.Stramentova. Kiev, Gos. izd-vo tekhn. lit-ry USSR. Pt. 1, 1956, 368 p.

MURAL PAINTING AND DECORATION
Sculptural painting. Manuel Salazar. Vsem. stud. nov. 10 no.6:14-15 Ag '56.

MURCHISON, RODERICK IMPEY, 1792-1871
R. Murchison's correspondence with members of the Petersburg Academy. M. I. Radovskii. Vop. ist. est. i tekh. no.1:269-270 '56.

MURGAB CRATER—METEORITES
Second expedition for the exploration of the Murgab Crater. A. M. Bikharev. Izv. Otd. est. nauk AN Tadzh. SSR no.12:3-20 '55.

MURGAB VALLEY—ANTIQUITIES
Settlements of the late Bronze Age and early Iron Age in the Murgab Delta. V. M. Masson. Krat. soob. IIMK no.64:61-67 '56.

MURGAB VALLEY—BOLLWORM
Vernal generation of the bollworm in Murgab Valley. P. P. Bogush. Ent. oboz. 35 no.1:80-84 '56.

MURMAN COAST—CODFISH
Mironova, N. V. [The feeding and growth of young codfish along the eastern Murman Coast] Pitanie i rost molodi treskovykh ryb v pribrezhnoi zone Vostochnogo Murmana. Moskva, Izd-vo Akademii nauk SSSR, 1956. 98 p.

MURMAN COAST—PHYTOPLANKTON
Some regularities in the vernal development of phytoplankton from the eastern part of the Murman Coast. M. I. Roukhitainen. Dokl. AN SSSR 109 no.1:209-211 Jl-Ag '56.

MURMANSK PROVINCE—BOTANY, ECONOMIC
Shilakov, R. N. [Important wild useful plants of Murmansk Province] Vazhneishie dikorastushchie poleznye rastenila Murmanskoi oblasti. Moskva, Izd-vo Akademii nauk SSSR, 1956. 113 p.

MUSAN, KOREA—IRON MINES AND MINING
Masters of the iron mountain. Kim Un-yŏn. Nov. Kor. no.8:23-24 Ag '56.

MUSCLE
Adenosinetriphosphoric acid content of muscles of the hind extremities of rabbits during the development of collateral blood circulation. O. R. Radzilevs'kyi. Ukr. biokhim. zhur. 28 no.3:323-326 '56.
Changes in the correlation of muscle protein fractions in capons. V. I. Vorontsov'kyi. Ukr. biokhim. zhur. 28 no.3:255-260 '56.
Comparative study of inactivation temperatures of muscle adenosinetriphosphotase in Bufo bufo L. and Bufo bufo verrucosissima Pall. N. S. Panteleeva, B. P. Ushakov. Dokl. AN SSSR 109 no.1:164-166 Jl-Ag '56.
Data on the protein content of muscles and the intensity of their restoration following denervation. D. L. Fordman, V. A. Hryhor'leva, IE. N. Medovar. Ukr. biokhim. zhur. 28 no.3:278-285 '56.
Development of muscle tissue in implantation of muscle bred at the site of total excision of muscle in frog. R. V. Samsonenko. Arkh. anat., gist. i embr. 33 no.2: 60-64 Ap-Je '56.
Effect of andrenalectomy on some features of carbohydrate metabolism in the brain and muscles. T. K. Valuieva, I. P. Maleva'ka. Fiziol. zhur. [Ukr.] 2 no.3:164-168 My-Je '56.
Effect of ascorbic acid on the activity of adenosinetriphosphatase in the heart and skeletal muscles of guinea pigs [with French summary in insert]. V. E. Sokolova. Biokhimiia 21 no.4:465-468 Jl-Ag '56.
Effect of the interelectrode distance on the excitability of isolated muscle fibers. S. A. Krolenko. Biofizika 1 no.5:401-404 '56.
Relationship between bioelectric phenomena and glycolysis in muscle. S. S. Oganesian. Dokl. AN Arm. SSR 16 no.5:151-155 '53.

MUSCLES
Age variability of breastbone muscles of cattle at various feeding levels. V. A. Ektov. Izv. TSKhA no.1:177-184 '56.
Correlation of the stimulation and excitation of a plantar preparation from a frog by separate stimulations. D. S. Voronisov, S. I. Fudel'-Osipova. Nauk. zap. Kiev. 8 no.7:41-62 '50 [1. e. '49].
Effect of outer temperature on the reciprocal reactions of antagonistic muscles in frogs. I. A. Vetiukov. Nauk. zap. Kiev. un. 8 no.7:273-279 '50 [1. e. '49].
Effect of temperature on the posttetanic intensification of the contraction of muscles. M. A. Gabbasova, I. G. Validov. Nauk. zap. Kiev. un. 8 no.7:297-308 '50 [1. e. '49].
Growth and development of skeletal muscles during the post-embryonal period in sheep. R. P. Zhenevskaia. Izv. Otd. est. nauk AN Tadzh. SSR no.13:109-123 '56.
Morphology of the oblique external abdominal muscle in some mammals. M. F. Volkobol. Nauk. zap. Kiev. un. 8 no.7:309-316 '50 [1. e. '49].
Pericelectrotonus. S. I. Fudel'-Osipova. Nauk. zap. Kiev. un. 8 no.7:83-92 '50 [1. e. '49].
Physiology of the nerve endings in skeletal muscle; effect of curari on the nerve endings in skeletal muscle. N. A. IUdenich. Nauk. zap. Kiev. un. 8 no.7:259-272 '50 [1. e. '49].
Pyridine nucleotides in the liver and muscles of rabbits and their enzymatic decomposition in alloxan diabetes. E. L. Rozenfel'd, A. A. Kobzeva. Probl. endok. i gorm. 2 no.3:88-93 My-Je '56.
Rest currents of muscles and nerves fixed in formalin. S. D. Kovtun. Nauk. zap. Kiev. un. 8 no.7:139-148 '50 [1. e. '49].
Studying the effect of various adrenalin concentrations on the vitality of muscle-nerve preparation. I. G. Validov. Nauk. zap. Kiev. un. 8 no.7:291-296 '50 [1. e. '49].
Tonic component in the contraction of skeletal muscle under pessimal stimulation. F. N. Serkov. Nauk. zap. Kiev. un. 8 no.7:249-257 '50 [1. e. '49].
Zhukov, E. K. [Studies on the tonus of skeletal muscles] Issledovaniia o tonuse skeletnykh myshts. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 241 p.

MUSCULAR DYSTROPHY see Dystrophy, Muscular

MUSCULAR SENSE
Role of kinesthetic stimuli accompanying the response reaction in the perception of visual stimuli. V. G. Samsonova. Dokl. AN SSSR 109 no.5:1069-1072 Ag '56.

MUSEUMS see subdivision under China; Czechoslovakia; Leningrad; Uherský Brod; TSinan, China

MUSHROOM CULTURE
(see also subdivision under Illinois)
Importance of the composition of the bed in mushroom production. N. G. Gromov. Sad i og. no.9:19-22 S '56.

MUSHROOMS
(see also subdivision under Vienna)
Drying mushrooms. N. Apter. Rabotnitsa 34 no.9: 31 S '56.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—HISTORY
[Materials and documents on the history of Russian realistic esthetics of music; classic figures of Russian music and musical criticism] Materialy i dokumenty po istorii russkoi realisticheskoi muzykal'noi estetiki klassiki russkoi muzyki i muzykal'noi kritiki ob iskusstve. Sost. A. S. Ogolevets. Moskva, Gos. muzykal'noe izd-vo.
Vol. 2. V. V. Stasov, M. P. Musorgskii, A. P. Borodin, P. I. Chaikovskii, N. A. Rimskii-Korsakov. 1956. 684 p.

MUSIC—INSTRUCTION AND STUDY
Berkman, T. L., and K. S. Grishchenko. [The musical education of teachers] Muzykal'noe obrazovanie uchitelia. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 171 p.
Children and music. V. Nyrkova. Rabotnitsa 34 no.9: 27-28 S '56.
The status and tasks of music training in the school. O. A. Apraksina, N. A. Vetlugina. Sov. pedag. 20 no.9: 46-58 S '56.

MUSIC—KINDERGARTEN see Kindergarten—Music

MUSIC, NATIONAL see National music

MUSIC, POPULAR (SONGS, ETC.)
Let's talk about the popular orchestra. V. TSarev. Klub 6 no.9:20 S '56.

MUSIC, SCOTTISH
To the sound of the bagpipe roulades. Charlie Kulis. Mol. mira no.8:8-9 '56.

MUSIC, UKRAINIAN
Ivan Franko and music. Stanislav Liudkevych. Zhovten' 6 no.9:8-11 S '56.

MUSIC, UKRAINIAN—HISTORY
Ukrainian music in Franko's life and work. Marita Zabalkevych. Vitchyzna 24 no.9:131-140 S '56.

MUSIC FESTIVALS see subdivision under Pyongyang, Korea

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)
Summer variety performances. G.IAron. Ogonek 34 no.35:28 Ag '56.

MUSKRATS
(see also subdivision under Balkhash Province)
Characteristics of axerophthol accumulation in Ondatra zibethica under natural conditions. S.S. Shvarts, V.S. Smirnov, L.G. Krotova. Dokl. AN SSSR 109 no.1:236-237 Jl-Ag '56.

MUSTARD
Republic conference in Saratov. Masl.-zhir. prom. 21 no.5:39-40 '55.

MUSTELIDAE see subdivision under Altai Mountains

MUTTON
Chemical composition of the meat and the physico-chemical properties of the fat of Gissar sheep. S.I. Farsykhanov. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:143-158 '55.

MUZTAGH ATA RANGE—MOUNTAINEERING
Subjugation of Muztagh Ata Peak. Evgenii Beletskii. Sov. Soiuz no. 10:28-29 O '56.

MYCOLOGY see Fungi

MYCORHIZA see subdivision under Urda District

MYELITIS see Spinal cord—Inflammation

MYIASIS see subdivision under Tajikistan

MYKOYANABAD DISTRICT—FORTIFICATIONS, OLD
Fortifications found on the site of Kei-Kobad sakh. E.E. Kuz'mina, S.B. Pevzner. Krat. soob. IIMK no. 64:77-84 '56.

MYOTONIA
Exercise therapy in the treatment of myotonia. O.V. Kamentseva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:65-67 Jl-S '56.

MYRIAPODA see subdivision under Kanev District; Tatar A.S.S.R.

MYRICA
Pollen of certain living and fossil species of the genus Myrica L. A.N. Gladkova. Dokl. AN SSSR 109 no.1: 213-216 Jl-Ag '56.

MYSIDAE see subdivision under Krivoy Rog

MYXOMYCETES see subdivision under Dnieper Valley

NAFTALAN PETROLEUM
Effect of nitrogen bases of Naftalan petroleum on the uropoietic function of kidneys. R.K. Aliev, S.R. Odzhakhverdizade. Dokl. AN Azerb. SSR 12 no. 7: 505-511 '56.

NAGASAKI, JAPAN—ATOMIC POWER—INTERNATIONAL CONTROL
Contribution to the struggle for peace. Mezhdunar. zhizn' no. 9:123-124 S '56.

NAILS, INGROWING
Treatment of ingrowing nails. V.D. Tikhonov-Bugrov. Vest. ven. i derm. 30 no. 4:58 Jl-Ag '56.

NAILS AND SPIKES
The finest spikes. K.M. Saditenko. Nauka i zhizn' no. 9: 64 S '56.

NAIRI—HISTORY
"Materials of the ancient East on the history of the peoples of Transcaucasia. Pt. 1. Nairi-Urartu," G.A. Melikishvili. Reviewed by I.M. D'iakonov. Vest. drev. ist. no. 2:59-74 '56.

NALBANDIAN, MIKAEL LAZAREVICH, 1829-1866
Economic views of the revolutionary democrat Mikael Nalbandian (1829-1866). S.Sh. Zurabian. Uch. zap. Erev. gos. russ. ped. inst. 4:45-64 '55.

M. Nalbandian on the problem of determinism and freedom of the will. V. Osipova. Izv. AN Arm. SSR. Obshchestv. nauki no. 6:33-42 Ag '56.

Mikael Nalbandian. Tigran Akhumian. Uch. zap. Erev. gos. russ. ped. inst. 4:7-23 '55.

Singer of freedom in the Peter Paul Fortress. O.T. Ganalanian. Uch. zap. Erev. gos. russ. ped. inst. 4:25-31 '55.

Struggle of Mikael Nalbandian for the national Armenian language. A.S. Garibian. Uch. zap. Erev. gos. russ. ped. inst. 4:33-43 '55.

NAMES, PERSONAL—PRONUNCIATION
Notes on stylistic standards of the pronunciation of patronymics. P.IA. Khavin. Vest. Len. un. 11 no. 14: 87-92 '56.

NANCY—PETROLOGY—CONGRESSES
International colloquium on petrology. K.A. Vlasov, N.P. Semenenko. Izv. AN SSSR. Ser. geol. 21 no. 6:110-115 Je '56.

NAPHTHA AND DERIVATIVES—THERAPEUTIC USE
Effect of nitrogen bases of Naftalan petroleum on the uropoietic function of kidneys. R.K. Aliev, S.R. Odzhakhverdizade. Dokl. AN Azerb. SSR 12 no. 7: 505-511 '56.

NAPHTHALENE
Increasing the yield of naphthalene during the crystallization of the naphthalene fraction. G.V. Kopelevich. Koks i khim. no. 6:49-50 '56.
Production of commercial naphthalene by rectification of the naphthalene fraction. M.M. Potashnikov. Koks i khim. no. 6:46-49 '56.
Sulfonation of 2-chloronaphthalene. Part 1. Low temperature sulfonation. N.N. Vorozhtsov, N.N. Karandasheva. Zhur. ob. khim. 26 no. 7:1997-2002 Jl '56.
Unit for crushing pressed naphthalene. P.A. Krushel'nitskii. Koks i khim. no. 5:62 '56.

NAPHTHALENEACETIC ACID
Bioelectric potentials of tomato plants in connection with the effect of heteroauxin and α(-naphthylacetic acid. V.A. Opritov. Biofizika 1 no. 5:416-424 '56.

NAPHTHALENETRISULFONIC ACID
Study of sulfonation. Part 39. Hydrolysis and isomerization of naphthalenetrisulfonic acids. B.I. Karavaev, A.A. Spryskov. Zhur. ob. khim. 26 no. 7:2002-2006 Jl '56.

NAPHTHOFUROXANE
Research in the 1,2--naphtho-(3', 4')-furoxane series. Part 6. Bisulfite compounds of 6-nitro-1, 2-naphtho-(3', 4')-furoxane and its derivatives. S.V. Bogdanov, N.I. Zil'berman. Zhur. ob. khim. 26 no. 7:2071-2076 Jl '56.

NAPHTHOL
The interaction of condensed phenols, naphthols and their derivatives with various diazo components. I.V. Grinberg, G.M. Kushko. Nauch. zap. LPI no. 29:121-130 '55.

NAPOLEON I—INVASION OF RUSSIA, 1812 see Russia—Invasion of, 1812

NARCOTICS
Adaptation in nerves. Report 2: Changes in adaptation caused by narcotics. P.G. Kostiuk. Nauk. zap. Kiev. un. 8 no. 7:111-127 '50 [i.e. '49].

NARO-FOMINSK DISTRICT—MACHINE-TRACTOR STATIONS
Experience in organizing repair work at the first Naro-Fominsk Machine-Tractor Station. P. Khrometskii, V. Degtiarev. MTS 16 no. 9:14-16 S '56.

NARROW-GAUGE RAILROADS see Railroads, Narrow-gauge

NASOPHARYNX—ADENOID VEGETATIONS
Adenoids and nasal polyps in children. M. Prizant. Semia i shkola 11 no. 9:29-30 S '56.

NASYROV, SH.
"The hat"; stories. Sh. Nasyrov. Book review. Druzh. nar. no. 9:182 S '56.

NATIONAL HISTORY—BIBLIOGRAPHY see Bibliography—Natural history

NATIONAL MUSIC
Genuine and imaginary national characteristics. M. Ignat'eva. Druzh. nar. no. 9:144-149 S '56.

NATIONAL PARKS AND RESERVES
(see also subdivision under Uman)
Nature protection and natural preserves in foreign countries [with summary in English]. A.A. Nasimovich. Biul. MOIP. Otd. biol. 61 no. 3:78-89 My-Je '56.

NATIONAL SOCIALISM
Bylov, Nikolai. [The black gospel; an analysis of two doctrines] Chernoe evangelie; razrez dvukh uchenii, Parizh, 1949. 143 p.
(CLU)

NATIONALITIES
(see also subdivision under China; Russia, Northern; United States)
Indissoluble friendship of the peoples of the U.S.S.R. F.A. Sidorenko. Pratsi Od. un. 145:245-258 '55.
Indissoluble friendship of the peoples of the U.S.S.R. is a great achievement of socialism. V. Grigor'ev. Komm. Bel. 26 no. 10:45-56 O '54.
Lenin, V.I. [The nationality and the national-colonial problem] O natsional'nom i natsional'no-kolonial'nom voprose. Moskva, Gos. izd-vo polit. lit-ry, 1956. 599 p.

NATIONALITY, DUAL see Dual nationality

NATISHVILI, ALEKSANDR NIKOLAEVICH, 1878-
Aleksandr Nikolaevich Natishvili. Arkh. anat., gist. i embr. 33 no. 2:92-94 Ap-Je '56.

NATURAL GAS see Gas, Natural

NATURAL HISTORY
Akademiia nauk SSSR. Kommissiia po estestvennoistoricheskomu raionirovaniiu SSSR. [Transactions of the Commission of the subdivision of the U.S.S.R. by natural history features] Trudy... Glav. red. S.G. Strumilin. Moskva.
Vol. 1. [Subdivision of the U.S.S.R. by natural history features] Estestvennoistoricheskoe raionirovanie SSSR. Otv. red. D.G. Vilenskii. 1947. 372 p. fold. map (in pocket)
N.G. Chernyshevskii and natural science. A.I. Shvartsman. Vop. filos. no. 4:145-154 '56.

NATURAL HISTORY—PERIODICALS
Good luck! ("They young naturalist." Reviewed by V. Ilinkov). Okh. i okh. khoz. no. 8:54 Ag '56.

NATURAL HISTORY—STUDY AND TEACHING
Five years of activity of a regional study group. V.G. Tolstov-Atnarskii. Geog. v shkole 19 no. 4:56-57 Jl-Ag '56.
Porrotte, A.A. [Teaching a course on inanimate nature for elementary schools] Opyt prepodavaniia kursa neozhivoi prirody v nachal'noi shkole. Izd. 3-e, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 181 p.

NATURAL HISTORY MUSEUMS see subdivision under TSingtao, China; Uzbekistan

NATURAL RESOURCES
(see also subdivision under Altai Territory; Siberia, Western; TSaidam Depression, China; Ukraine)
Comprehensive study of productive forces for 1951-1955 made by the Academy of Sciences. I.V. Pantuvalov, V.V. Obruchev. Izv. AN SSSR. Ser. geog. no. 4: 85-98 Jl-Ag '56.

NATURE STUDY
Acquainting children with nature as a means of education in the family. B. Mitiurov. Doshk. vykh. 17 no. 8:42-43 S '56.
Instilling a love of and respectful attitude towards nature. V. Guzhva. Doshk. vykh. 17 no. 8:37-39 S '56.
"Stories of a naturalist." P.A. Manteifel'. Reviewed by P. Manuilov. Okh. i okh. khoz. no. 8:53-54 Ag '56.
Zuev, V.F. [Pedagogical works] Pedagogicheskie trudy. Red. vstup. stat'ia i kommentarii B.E. Raikova. Moskva, Izd-vo Akademii pedagog. nauk, 1956. 146 p.

NATURE STUDY—HANDBOOKS, MANUALS, ETC.
Your reference book ("The young naturalist's calendar." Reviewed by A. Pal'tsova). Ilin. nat. no. 8:10 S '56.

NAUTICAL ASTRONOMY
Plotting altitude position lines on paper. Mor. flot 16 no. 8:13-14 Ag '56.

NAUTICAL CHARTS see subdivision under Great Britain

NAVAL CONSTRUCTION see Shipbuilding

NAVIGATION see subdivision under Yangtze River

NAVIGATION, RADAR IN see Radar in navigation

NAZARENKO, ZHANNA
Combine driven by a philologist. I. Irinina. Ogonek 34 no. 30:2 S '56.

NAZARIAN, STEPAN ISAEVICH, 1812-1870
Stepan Nazarian in St. Petersburg [in Armenian and Russian]. R. Nanumian. Izv. AN Arm. SSR. Obshchestv. nauki no. 6:85-91 Ag '56.

NAZAROV, IGNAT IVANOVICH
Your new play? Teatr 17 no. 9:177 S '56.

NAZAROV, IVAN NIKOLAEVICH, 1900-
Fiftieth anniversary of the birth of I.N. Nazarov. Izv. AN SSSR. Otd. khim. nauk no. 7:754 Jl '56.

NEAR EAST—ARTEL
Artisan documents. N.A. Kuznetsova. Krat. soob. Inst. vost. no. 19:90-93 '56.

NEAR EAST—ECONOMIC CONDITIONS
Arab countries on the road toward economic independence [with summary in English]. V. Polikov. Vneshn. torg. 26 no. 9:3-7 S '56.
On the path of independence. S. Vishnevskii. Krest'ianka 35 no. 10:9-11 O '56.

NEAR EAST—FOREIGN RELATIONS—UNITED STATES
The Turkish question in the U.S. Senate. B.M. Polskhverila. Krat. soob. Inst. vost. no. 19:57-64 '56.

NEAR EAST—MILITARY BASES
The Suez question and military bases. Nov. vrem. 14 no. 37:18 S '56.

NEAR EAST—POLITICS
Last stage of the Egyptian crisis of 1831-1833, and the great powers. T.V. Eremeeva. Uch. zap. po nov. noveish. ist. no. 2:475-578 '56.
National resurgence of the peoples in the Arab East. G. Nikitina. Nov. vrem. 14 no. 42:3-6 O '56.

NEAR EAST—SOCIAL LIFE AND CUSTOMS

History of Russian ethnographic observations in the Arabic countries of Asia. A.I. Pershits. Trudy Inst. etn. 30 no. 1:343-364 '56.

NEBULAE

Absolute photometry of some planetary nebulae. IU.K. Gulak. Astron. tsirk. no.169:7-9 '56.

Dust inclusions in the nebula NGC 2237-9. D.D. Rozhkovskii. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:136-142 '55.

Light polarization in nebulae; (summary). D.A. Rozhkovskii. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:68-70 '56.

The nature of planetary nebulae and their nuclei. I.S. Shklovskii. Astron. zhur. 33 no. 3:315-329 My-Je '56.

Some questions on the problem "The Nebulae and the Magnetic Field." G.A. Shain. Astron. zhur. 33 no. 3: 305-314 My-Je '56.

Structure and luminiscence of the filaments in gaseous dust nebulae. D.A. Rozhkovskii. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:85-88 '56.

NECESSITY (PHILOSOPHY)

The problem of necessities in the psychology of personality. G.A. Fortunatov, A.V. Petrovskii. Vop. psikhol. 2 no. 4:12-20 Jl-Ag '56.

NECTAR PLANTS see Honey plants

NECTARIES

Evolution of nectaries in actinomorphic plants of the crowfoot family. Anna Ivanova. Dokl. AN Arm. SSR 6 no. 5:213-217 '48.

NEFTYANYE KAMNI—DESCRIPTION

Town by the sea. Danylo Bakumenko. Ukraina no. 16: 24 Ag '56.

NEFTYANYE KAMNI—PETROLEUM ENGINEERING

Effectiveness of using appropriate drive methods in the Neftyn Kamni oil fields. E.N. Alikhanov, S.R. Grobshtein. Azerb. neft. khoz. 35 no. 4:5-9 Ap '56.

NEGROES see subdivision under United States

NEKALS

Effect of conjugate solubility of sudan III on the quantity of Nekal micelles. R.V. Kucher, N.IA. Ivanova, L.I. TSimbalistaia. Nauk. zap. L'viv. un. 34:39-44 '55.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

Akademiia nauk SSSR. Institut russkoi literatury. [A collection of essays on Nekrasov] Nekrasovskii sbornik. Pod red. N.F. Bel'chikova, V.E. Evgen'eva-Maksimova. Moskva.
Vol. 2. 1956. 514 p.

From observations on N.A. Nekrasov's narrative poem "Frost, red nose." T.S. Kolosova. Uch. zap. Ped. Inst. Gerts. 120:59-76 '56.

Historical and revolutionary narrative poems of N.A. Nekrasov. S.A. Cherviakovskii. Uch. zap. GGPI 16:34-57 '55.

Ivan Franko, translator of Nekrasov. A.M. Finkel'. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:336-351 Jl-Ag '56.

N.A. Nekrasov's narrative poem "Belinskii." A.I. Gruzdev. Uch. zap. Ped. Inst. Gerts. 120:43-57 '55.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877—MUSEUMS RELICS, ETC.

Loman, O.V. [The N.A. Nekrasov Memorial State Museum; a guidebook] Gosudarstvennyi memorial'nyi muzei N.A. Nekrasova; putevoditel'. [Leningrad] Lenizdat, 1956. 160

NEMATODA

(see also subdivision under Georgia; Zakataly District)

Paramonov, A.A., and F.I. Brushkova. [The nematode Ditylenchus destructor in potatoes and methods of controlling it] Steblevaia nematoda kartofelia i mery bor'by s neiu. [Moskva] Izd-vo Akademii nauk SSSR, 1956. 110 p. (Nauchno-populiarnaia serila v pomoshch' sel'skomu khoziaistvu)

NEMILOV, ANTON VITAL'EVICH, 1879-1942

A.V. Nemilov (1879-1942). Z.S. Katanel'son. Arkh. anat., gist. i embr. 33 no. 2:69-72 Ap-Je '56.

NEMTSOV, V.

"Fragment of the sun." Vl. Nemtsov. Reviewed by IUrii Usychenko. Smena 33 no. 15:18 Ag '56.

NENTSI see Samoyeds

NEPHELINE

Interaction of nepheline with phosphoric acid. V.N. Sveshnikova, M.N. Liashenko. Zhur. neorg. khim. 1 no. 3:532-535 Mr '56.

NEPHELOMETRIC ANALYSIS

Photonephelometric determination of corrosive sublimate with urotropine and potassium iodide [with English summary in insert]. S.I. Kas'ianenko. Zhur. anal. khim. 11 no. 4:500-502 Jl-Ag '56.

Stable "turbidity standard" for nephelometric determination of serum proteins and their fractions. IU.A. Kechek. Lab. delo 2 no. 3:5-7 My-Je '56.

NERUDA, PABLO, 1904

Path to an epic ("Universal song." Pablo Neruda. Reviewed by L. Ospovat). Inostr. lit. no. 9:187-197 S '56.

NERVES

Adaptation in nerves. Report I: Changes in adaptation caused by temperature, K and Ca ions, and electrical polarization. P.G. Kostiuk. Nauk. zap. Kiev. un. 8 no. 7:93-110 '50 [1.e. '49].

Adaptation in nerves. Report 2: Changes in adaptation caused by narcotics. P.G. Kostiuk. Nauk. zap. Kiev. un. 8 no. 7:111-127 '50 [1.e. '49].

Correlation of the stimulation and excitation of a plantar prepartion from a frog by separate stimulations. D.S. Vorontsov, S.I. Fudel'-Osipova. Nauk. zap. Kiev. un. 8 no. 7:41-62 '50 [1.e. '49].

Effect of anode and cathode polarization on the function of ganglia. S.D. Kovtun. Nauk. zap. Kiev. un. 8 no. 7: 149-157 '50 [1.e. '49].

Effect of NaCl, KCl, $CaCl_2$ salts on the electromotive properties of nerves. P.D. Kharchenko. Nauk. zap. Kiev. un. 8 no. 7:213-216 '50 [1.e. '49].

Effect of temperature on the elastic properties of nerves. L.P. Kaisuhin, R.G. Liudkovskaia, M.M. Mul'tanovskii. Biofizika 1 no. 5:405-411 '56.

Effect of vitamin $B_{12}$ on the regeneration of the peripheral nerves in rats. A.A. Znachkova. Dokl. AN SSSR 109 no. 4:789-881 Ag '56.

Histological structure of a submaxillary ganglion. M.S. Abdullaev. Dokl. AN Azerb. SSR 12 no. 7:499-504 '56.

Morphological and histochemical investigation of motor and sensory nerve cells in chicken embryos at different development stages. L.B. Levinson, M.I. Leikina. Dokl. AN SSSR 109 no. 1:201-204 Jl-Ag '45.

Pericelectrotonus. S.I. Fudel'-Osipova. Nauk. zap. Kiev. un. 8 no. 7:63-82 '50 [1.e. '49].

Physiology of the nerve endings in skeletal muscle; effect of curari on the nerve endings in skeletal muscle. N.A. Udonich. Nauk. zap. Kiev. un. 8 no. 7:259-272 '50 [1.e. '49].

Rest currents of muscles and nerves fixed in formalin. S.D. Kovtun. Nauk. zap. Kiev. un. 8 no. 7:123-148 '50 [1.e. '49].

Role of calcium and potassium ions in the internouron synaptic transmission of nerve impulses. V.S. Shoveleva. Dokl. AN SSSR 109 no. 4:882-884 Ag '56.

Tonic component in the contraction of skeletal muscle under possimal stimulation. F.N. Serkov. Nauk. zap. Kiev. un. 8 no. 7:249-257 '50 [1.e. '49].

NERVOUS SYSTEM

Acetylcholine in the nervous system. E.B. Skvyra'ka. Nauk. zap. Kiev. un. 8 no. 3:71-83 '49.

Achievements in evolution physiology; conference on the problems of evolution physiology of the nervous system. D.A. Biriukov, F.P. Vedilaev. Fiziol. zhur. 42 no. 7: 612-620 Jl '56.

Data on the protein content of muscles and the intensity of their restoration following denervation. D.L. Ferdman, V.A. Iryhor'leva, IE.N. Medovar. Ukr. biokhim. zhur. 28 no. 3:278-285 '56.

Effect of changes in the functional state of the nervous system on enzymochemical processes and the cholinergic reaction of the sick organism. D.O. Al'pern. Fiziol. zhur. [Ukr.] 2 no. 3:102-107 My-Je '56.

Effect of the functional state of the nervous system on the course of ammonia poisoning. K.S. Kostakov. Farm. i toks. 19 no. 4:17-19 Jl-Ag '56.

Experiments on the effect of brucellosis allergen in various conditions of the nervous system. A.N. Bielostots'ka. Mikrobiol. zhur. 18 no. 3:54-58 '56.

Functional state of the central nervous system in typhoid fever. M.A. Zeitlenok. Klin. med. 34 no. 7:91 Jl '56.

Human and animal orientation in space. I.S. Beritov. Vop. psikhol. 2 no. 4:54-65 Jl-Ag '56.

Kolosov, N.G. [Innervation of the internal organs and the cardiovascular system] Innervatsiia vnutrennikh organov i serdechno-sosudistoi sistemy. Moskva, Izd-vo Akademii nauk SSSR, 1954. 264, [3] p. (CU)

Musabaeva, N.A. [The physiological basis of sensory perception in the light of I.P. Pavlov's teaching regarding the higher nervous activity] O fiziologicheskoi osnove chuvstvennogo poznaniia v svete uchenila I.P. Pavlova o vysshei nervnoi deiatel'nosti. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 86 p.

The "passimal" character of the effect of high and low temperatures on the central nervous system. G.A. Nika, M.S. Kakhana. Uch. zap. Kish. un. 13:60-63 '54.

Problems of infection and immunity in the light of Academician I.P. Pavlov's physiological teachings. Kh. Zh. Zhumatov. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:3-13 '56.

Quantitative evaluation of the strength and equilibrium of nerve processes in rabbits. O.V. Malinovskii. Dokl. AN SSSR 109 no. 1:233-235 Jl-Ag '56.

Role of the nervous system in the mechanism of the action of antireticular cytotoxic serum on cutaneous and vascular absorption capacity. I.V. Savyts'kyi, I.I. Adamovs'ka. Fiziol. zhur. [Ukr.] 2 no. 3:115-122 My-Je '56.

Role of the nervous system in the regulation of intraocular pressure. S.M. Mints. Usp. sovr. biol. 42 no. 1:51-61 Jl-Ag '56.

"Selected works on neuromorphology and neuropathology." B.S. Doinikov. Reviewed by L.I. Smirnov. Arkh. anat., gist. i embr. 33 no. 2:88 Ap-Je '56.

Studying the higher nervous activity of young cattle. V.I. Georgievskii. Izv. TSKhA no. 1:143-160 '56.

What does the conditional reflex method gain for the study of higher nervous activity and is it possible to control such activity? I.S. Rosental'. Nauk. zap. Kiev. un. 8 no. 7:159-169 '50 [1.e. '49].

NERVOUS SYSTEM—AMPHIBIA

Action currents of the spinal cord in frogs. Report 2. D.S. Vorontsov. Nauk. zap. Kiev. un. 8 no. 7:5-40 '50 [1.e. '49].

Electric potentials of the spinal cord in frogs during stimulation of the skin. I. Beritov, A. Roitbak. Nauk. zap. Kiev. un. 8 no. 7:241-247 '50 [1.e. '49].

NERVOUS SYSTEM—BIRDS

Intracardiac nervous system in certain birds. B.M. Erez. Dokl. AN Tadzh. SSR no. 15:95-100 '56.

NERVOUS SYSTEM—DISEASES

Cardiac pains in connection with some diseases of the nervous system and their treatment by baths. N.S. Cheiverikov, N.I. Streikova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:38-47 Jl-S '56.

Effect of x-rays on the higher nervous activity of animals (white rats). L.I. Kotliarevskii, L.S. Gorsholeva, L.E. Khozak. Med. rad. 1 no. 3:11-19 My-Je '56.

Functional condition of skin capillaries in certain diseases of the nervous system. I.L. Vaisfel'd, G.N. Kassil'. Dokl. AN SSSR 109 no. 5:1057-1060 Ag '56.

Grashchenkov, N.I. [Physiological trend in the modern clinical treatment of nervous diseases] Fiziologicheskoe napravlenie v sovremennoi klinike nervnykh boleznei. Minsk, Izd-vo Akademii nauk BSSR, 1948. 16 p.
(DAFM)

Makarchenko, A.F. [Modifications of the nervous system in manganese poisoning] Izmeneniia nervnoi sistemy pri intoksikatsii margantsem. Kiev, Izd-vo Akademii nauk USSR, 1956. 317 p. (DAFM)

Section feldshers as organizers of neuropsychiatric assistance in their section. G.V. Zenevich. Fel'd. i akush. 21 no. 9:15-20 S '56.

NERVOUS SYSTEM—REPTILES

Extracardiac nerves in turtles. B.M. Erez. Dokl. AN Tadzh. SSR no. 15:105-113 '56.

Intracardiac nervous system in certain reptiles. B.M. Erez. Dokl. AN Tadzh. SSR no. 15:101-103 '56.

NERVOUS SYSTEM, SYMPATHETIC

Blocking cervical and paravertebral neurovegetative ganglia by erythematous doses of ultraviolet rays in the treatment of ulcers. S.S. Kircheva-Fridiland, A.T. Rainov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3: 48-53 Jl-S '56.

Interneural junctions in vegetative ganglia. I.D. Lev. Arkh. anat., gist. i embr. 33 no. 2:73-78 Ap-Je '56.

NERVOUS SYSTEM, SYMPATHETIC—DISEASES

IArygin, N.E. [Pathomorphology of the vegetative nervous system in tuberculosis] Patomorfologiia vegetativnoi nervnoi sistemy pri tuberkuleze. Moskva, Gos. izd-vo med. lit-ry, 1956. 234 p.
DAFM

NESTOR, ANNALIST, 1056-1115

First historian of the East Slavic peoples; on the 900th anniversary of the annalist Nestor's birth. M.IU. Braicheva'kyi. Visnyk AN URSR 27 no. 7:51-53 Jl '56.

NETHERLANDS—NEMATODA—CONGRESSES

About the International Conference in Holland. Zashch. rast. ot vred. i bol. 1 no. 3:63 Jl-Ag '56.

NETHERLANDS—POLITICS AND GOVERNMENT

Government crisis in the Netherlands. Mezhdunar. zhizn' no. 9:127-128 S '56.

NETKACHEVO DISTRICT—PRIMROSES

Discovery of Primula macrocalyx Bge. in Netkachevo District, Stalingrad Province. V.K. Mukosoev. Biul. MOIP. Otd. biol. 61 no. 3:94-96 My-Je '56.

NETWORKS, ELECTRIC see Electric networks

NEURALGIA

Practice of using ozocerite, in a feldsher-midwife station. G.M. Sagalov. Fel'd. i akush. 21 no. 9: 38-39 S '56.

NEURITIS

Effectiveness in treating neuritis of a facial nerve with saline-alkaline mineral water from the Lenin petroleum region of Baku (by cross section galvano-ionization diathermy). A.V. Feizullaev, A.I. Gashimova. Dokl. AN Azerb. SSR 12 no. 7:491-497 '56.

NEURITIS, MULTIPLE

Narcoleptic syndrome following diphtherial polyneuritis. S.L. Levin. Klin. med. 34 no. 7:77-78 Jl '56.

NEUROSES

Effect of experimental hyperthyroidism on the regulation of blood pressure by the cerebral cortex. K. M. Kalmykova. Probl. endok. i gorm. 2 no. 1:27-31 Ja-F '56.

Experimental study of the pathogenesis of hypertension and coronary insufficiency. G. O. Magakian, D. I. Miminoshvili, G. IA. Kokaia. Klin. med. 34 no. 7:30-38 Jl '56.

Thyroid gland in experimental neurosis. V. I. Arkhipenko. Probl. endok. i gorm. 2 no. 1:42-50 Ja-F '56.

NEUTRONS

Neutron emission by a short-lived active deposit of radon. A. V. Kogan. Dokl. AN SSSR 108 no. 5:817-819 Je '56.

Oscillations of neutron flux on the earth's surface. V. V. Cherdyntsev, V. I. Meshkov. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:61-63 '55.

NEUTRONS—SCATTERING

Inelastic scattering of photoneutrons of 0,3 0,77 and 1,0 Mev energy. Kh. R. Roze, N. P. Glazkov. Zhur. eksp. i teor. fiz. 30 no. 6:1017-1024 Je '56.

NEVEREV, PAVEL

Horse breeder Pasha. G. Shirokov. IUn. nat. no. 6:36-37 S '56.

NEW GUINEA—INDIANS

Duna Indians. S. Kukharenko. Vokrug sveta no. 9:40-41 S '56.

NEWSPAPERS

(see also subdivision under Daghestan)

Reading newspaper material to others. O. Alekseeva Bibliotekar' no. 9:27-28 S '56.

NEWSPAPERS—INDEXES

Vsesoiuznaia knizhnaia palata. [Index of periodical publications in the U. S. S. R. New, renamed, and discontinued periodicals and newspapers from January 1955 to April 1956] Letopis' periodicheskikh izdanii SSSR; novye, pereimenovannye i prekrativshiesia zhurnaly i gazety s 1 ianvaria 1955 g. po 1 aprelia 1956 g., Moskva, 1956. 27 p.

NEWSPAPERS, RUSSIAN see Russian newspapers

NEWSPRINT

In the Scientific and Technical Association of Paper and Woodworking Industry. Bum. prom. 31 no. 8:29-31 Ag '56.

Newsprint with a reduced bleached woodpulp content. N. I. Belinskaia, E. E. Nikolaevskaia, R. P. Rubinshtein. Bum. prom. 31 no. 7:6-8 Jl '56.

NEWSPRINT—TESTING

Elasticity in paper; letter to the editor. L. A. Kantor. Bum. prom. 31 no. 8:15 Ag '56.

NICARAGUA—CANALS

A trite method. Nov. vrem. 14 no. 41:17-18 O '56.

NICKEL

Adsorption-precipitation chromatographic method of nickel and cobalt separation with the aid of dimethylglyoxime [with English summary in insert]. A. M. Gurvich. Zhur. anal. khim. 11 no. 4:437-441 Jl-Ag '56.

Metallic zinc cementation of nickel from zinc containing solutions in the presence of various additives. M. A. Vinogradova, V. I. Spiridonova. TSvet. met. 29 no. 8:40-44 Ag '56.

NICKEL—METALLURGY

(see also subdivision under Ural Mountain region)

Beregovskii, V. I., and N. V. Gudima. [Nickel metallurgy; a textbook for schools and courses for specialists] Metallurgiia nikelia; uchebnoe posobie dlia shkol i kur- [illegible] s, nauchno-tekhn. izd-vo [illegible] etallurgii, 1956, 355 p.

[illegible] natte in shaft furnace [illegible] P. Diev and others.

NICKEL ORGANIC COMPOUNDS

Character of the soluble complex formed by the interaction of nickel, dimethylglyoxime, and an oxidant. A. K. Babko. Zhur. neorg. khim. 1 no. 3:485-488 Mr '56.

NICKEL PLATING

Bright dip finish for nickel and copper plating. Prom. koop. no. 9:37-38 S '56.

NICKEL SILVER—HEAT TREATMENT

Establishing conditions for annealing and deformation of nickel silver strips. V. M. Mizonov. TSvet. met. 29 no. 9:71-74 S '56.

NICKEL SULFATES

Physicochemical study of the system: $NiSO_4$ — $C_6H_5O_7Na_3$ in an aqueous solution. P. K. Migal', A. IA. Sychev. Zhur. neorg. khim. 1 no. 5:1008-1012 My '56.

NICKEL SULFIDES

Study of the system: Ni - S (from 30, 0 to 50, 0 atomic % S). M. A. Sokolova. Zhur. neorg. khim. 1 no. 6:1440-1454 Je '56.

NICKEL-TANTALUM ALLOYS

Study of the equilibrium diagram of the ternary system Ni - $Ni_3Nb$ - $Ni_3Ta$. I. I. Korntlov, E. N. Pylaeva. Zhur. neorg. khim. 1 no. 2:308-316 F '56

NICKEL-TITANIUM-IRON ALLOYS see Iron-nickel-titanium alloys

NICOTINE

Dipole moment and dielectric constant of nicotine. I. A. Sheka, K. F. Krivsheva. Zhur. fiz. khim. 30 no. 6:1316-1318 Je '56.

NIGERIA—TRADE UNIONS

Unity and struggle lead to victory. Jack Woddis. Vsem. prof. dvizh. no. 7:21-26 Jl '56.

NIGHT FIGHTING (MILITARY SCIENCE)

Group drill with officers at night. N. Kliucharev, I. Buganov. Voen. vest. 36 no. 8:27-29 Ag '56.

NIGHT SCHOOL see Evening and continuation schools

NIGHT SKY

Effect of fluorescence quenching on the luminosity of the night sky. N. B. Divari. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:176-178 '55.

New method for separating the luminosity components of the night sky. N. B. Divari. Izv. Astrofiz. Inst. AN Kazakh SSR 1 no. 1/2:179-187 '55.

Relation between the luminosity of the night sky and the azimuth. N. B. Divari. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:172-175 '55.

NIGHT VISION

Use of night vision instruments. (Review of the foreign military press). V. Nikolaev. Voen. vest. 36 no. 9:72-78 S '56.

NIGHTSHADE

Glycoalkaloids of the nightshade family. E. I. Petrochenko. Usp. sovr. biol. 42 no. 1:19-32 Jl-Ag '56.

NIKITIN, IVAN SAVVICH, 1824-1861

Portrayal of the positive hero in the works of I. S. Nikitin. A. A. Tikhovedov. Uch. zap. GGPI 16:58-76 '55.

NIKOLAYEV—SHIPYARDS

Shipbuilders. I. Volk, G. Zel'ma, M. Gankin. Sov. Soiuz no. 10:22 O '56.

NIKON, Archbishop of Kherson and Odessa, 1902-1956

Archbishop Nikon; obituary. Zhur. Mosk. Patr. no. 6:14-16 Je '56.

NILE VALLEY—DESCRIPTION AND TRAVEL

In the Nile Valley. O. Kovtunovich. Vokrug sveta no. 8:33-35 Ag '56.

NIMENKO, ANDRII

Water colors of Andrii Nimenko. V. Afanas'iev. Ukraina [illegible] '56.

[illegible] CTION

[illegible] hydrin method of determining amino [illegible] nts. Kh. M. Pochynok, B. I. Borshtein. [illegible] hur. 28 no. 3:354-363 '56.

[illegible] solubility of metaniobates of some [illegible]. A. V. Lapitskii, V. A. Pchelkin. Vest. [illegible] o. 5:69-74 My '56.

[illegible] ople exchange between various salts of [illegible] . A. Pchelkin, A. V. Lapitskii, V. I. [illegible] neorg. khim. 1 no. 4:841-851 Ap '56.

[illegible] lobium and titanium with cationites. S. I. Krylov, L. P. Kononova. Zhur. neorg. 660-663 Ap '56.

[illegible] PES

[illegible] ple exchange between various salts of [illegible] A. Pchelkin, A. V. Lapitskii, V. I. [illegible] neorg. khim. 1 no. 4:841-851 Ap '56.

NIOBIUM SULFATES

Double niobium ammonium sulfates. IA. G. Goroshchenko. Zhur. neorg. khim. 1 no. 5:909-914 My '56.

Niobium sulfates. IA. G. Goroshchenko. Zhur. neorg. khim. 1 no. 5:903-908 My '56.

NITER see Saltpeter

NITRATES

Delayed application of nitrogen fertilizers to cotton. P. V. Protasov, N. M. Eidel'nant. Ud. i ur. 1 no. 7:58-62 Jl '56.

Effect of chlorates on Aspergillus niger receiving different nitrogen nutrition. G. S. Kitavin. Mikrobiologiia 25 no. 3:268-271 My-Je '56.

Effect of the localized placement of nitrogen and phosphorus fertilizers on the development of the root system of potatoes. V. E. Bulnev. Ud. i ur. 1 no. 7:15-19 Jl '56.

Polytherm of the ternary system $UO_2(NO_3)_2$ - $KNO_3$ - $H_2O$. A. P. Porova. Zhur. neorg. khim. 1 no. 2:330-336 F '56.

Rapid determination of nitrates in boiler water. R. L. Babkin, K. P. Epelkina. Energetik 4 no. 9:13-14 Ag '56.

Reciprocal solubility in the system $UO_2(NO_3)$ - $KNO_3$ - $H_2O$ at low temperatures. A. P. Porova. Zhur. neorg. khim. 1 no. 2:323-329 F '56.

NITRATION

Primary radical formation in the vapor-phase nitration of alkanes by nitrogen dioxide. A. V. Topchiev, N. N. Kapisov. Izv. AN SSSR. Otd. khim. nauk no. 7:863-868 Jl '56.

NITRILES

Mechanism of the Arbuzov rearrangement. Part 3. Interaction of the nitrile and methyl ester of $\alpha$, $\beta$ -dibromo- and $\alpha$, $\beta$ -dichloropropionic acid with phosphites. V. S. Abramov, N. A. Il'ina. Zhur. ob. khim. 26 no. 7:2014-2019 Jl '56.

Synthesis of $\gamma$-oxyalkylaminonitriles. S. V. TS'ukerman, V. F. Liubomudrov. Dokl. AN SSSR 109 no. 2:336-339 Jl '56.

NITROBACTERIA see Bacteria, Nitrifying

NITROGEN

Colorimetric ninhydrin method of determining amino nitrogen in plants. Kh. M. Pochynok, B. I. Borshtein. Ukr. biokhim. zhur. 28 no. 3:354-363 '56.

Effect of disinfectants on nodule bacteria in connection with the treatment of seeds with nitrifying bacteria. P. K. Lampovshchikov. Ud. i ur. 1 no. 8:18-20 Ag '56.

Influence of the oxidized and the reduced form of nitrogen present in the medium on amylase production of the mycelium of Aspergillus oryzae [with English summary in insert]. L. S. Smirnova. Mikrobiologiia 25 no. 4:423-428 Jl-Ag '56.

Nitrogen-containing substances in the seeds of leguminous hay crops. V. G. Klimenko. Uch. zap. Kish. un. 13:117-130 '54.

Variation in the amount of nitrogenous substances in corn and barley grain depending on the year of harvesting. V. G. Klimenko. Uch. zap. Kish. un. 13:131-143 '54.

NITROGEN—FIXATION

On the possibility of a cellular fixation of nitrogen [with English summary in insert]. A. A. Imšenecki and others. Mikrobiologiia 25 no. 4:401-405 Jl-Ag '56.

NITROGEN—ISOTOPES

Biosynthesis of amides in plants from $N^{15}$ labelled ammonia. V. L. Kretovich, Z. G. Evstigneeva, E. O. Plyshevskaia. Dokl. AN SSSR 109 no. 5:1001-1004 Ag '56.

Preparation of $N^{15}$ by means of chemical exchange on a cascade unit. B. V. Ottesen, M. E. Aerov. Zhur. fiz. khim. 30 no. 6:1356-1366 Je '56.

NITROGEN COMPOUNDS

The capacity of the producers of anaerobic retting of flax, Clostridium felsineum and Plectridium pectinovorum, to fermentate pectin in the presence of various nitrogen compounds. V. A. Alekseev. Mikrobiologiia 25 no. 3:327-330 My-Je '56.

NITROGEN-FIXING MICRO-ORGANISMS see Microorganisms, Nitrogen-fixing

NITROGEN METABOLISM

Nitrogen balance in rabbits with Brown-Pierce tumors [with summary in English]. T. A. Gorlukhina. Vop. onk. 2 no. 3:320-323 '56.

Nitrogen metabolism of Penicillium chrysogenum. Part 1: Change of nitrogenous substances in Penicillium chrysogenum cultures during fermentation. A. A. Mel'nikova, E. I. Surikova. Mikrobiologiia 25 no. 3:261-267 My-Je '56.

NITROGEN OXIDES

Analytic calculation of the absorption of nitric oxides. A. P. Zasorin. Khim. prom. no. 3:162-163 Ap-My '56.

NITROGEN OXIDES (Continued)
Determination of nitrogen peroxide in the air by means of 2-ethoxy-6, 9-diaminoacridinelactate; quick method, V. P. Fedotov. Gig. i san. 21 no. 9:85-86 S '56.
Kinetics and mechanism of the decomposition of nitric oxide. A. I. Rozlovskii. Zhur. fiz. khim. 30 no. 6:1349-1355 Je '56.
Two-flame burning of nitrogen dioxide mixtures with hydrogen. N. Nasirov, IU. Kh. Shaulov. Dokl. AN SSSR 108 no. 5:868-870 Je '56.

NITRON—PHYSIOLOGICAL EFFECT see Plants, Effect of nitrogen on

NITROSE
Relationship between nitrose density and composition. I. F. Cherepkov. Khim.prom. no. 3:136-138 Ap-My '56.

NITROSO COMPOUNDS
New compressor units for nitrose gases. I. IU. Sosnovskii. Energomashinostroenie no. 8:24 Ag '56.

NITROSOMONAS
Acellular nitrification. Part 5: Oxidation of hydroxylamine in acellular autolysates of Nitrosomonas. A. A. Imshenetskii, E. L. Ruban. Mikrobiologiia 25 no. 3: 272-274 My-Je '56.
Does chemosynthesis take place in iron bacteria and nitrifying bacteria? V. O. Kalinenko. Mikrobiologiia 25 no. 3:342-362 My-Je '56.

NITROSYL CHLORIDE
Molecular complexes of nitrosyl chloride. E. V. Genkina, A. I. Finkel'shtein, A. A. Artem'ev. Dokl. AN SSSR 109 no. 3:528-531 Jl '56.

NIZHNIY TAGIL—COKE INDUSTRY
Automation and mechanization at the Nizhniy Tagil Coke Chemical Plant. N. N. Anikeenko. Koks i khim. no. 5: 51-58 '56.
Work and tasks of the Nizhniy Tagil Coke Chemical Plant. Koks i khim. no. 5:3-5 '56.

NIZHNIY TAGIL—FOUNDING
Nizhnii Tagil in the history of founding. V. I. Dovgopol. Trudy Ural. politekh. inst. no. 60:54-65 '56.

NIZHNYAYA TUNGUSKA VALLEY—ROADS
The road to the Sullen River; a sketch. S. Broido. Nov. Sib. 32:286-293 '55.

NOGINSK DISTRICT—PASTURES AND MEADOWS
Increasing the productivity of meadows and pastures. V. Rytko, A. Gusev. Kolkh. proizv. 16 no. 9:17-19 S '56.

NON-EUCLIDEAN GEOMETRY see Geometry, Non-Euclidean

NONFERROUS METAL INDUSTRIES
Automatization of industrial processes in nonferrous metal enterprises. TSvet. met 29 no. 9:1-6 S '56.
Conference of the automatization of industrial processes in nonferrous metallurgy. Priborostroenie no. 8:31-32 Ag '56.
Persistent increase of labor productivity in nonferrous metal mines. D. S. Kravtsov. Gor. zhur. no. 9:3-7 S '56.
Some economic aspects of the nonferrous metallurgy. S. IA. Rachkovskii. TSvet. met. 29 no. 9:7-10 S '56.

NONFERROUS METAL INDUSTRIES—EQUIPMENT AND SUPPLIES
Modernization of equipment and intensification of its use are tasks of utmost importance. TSvet. met. 29 no. 7: 1-2 Jl '56.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—METALLURGY (see also subdivision under Kol'chugino)
Conference on the use of ion exchange processes in nonferrous metallurgy. E. I. Gulieva. TSvet. met. 29 no. 9:81-83 S '56.
"Economic aspects of the nonferrous metallurgy in the U. S. S. R." S. A. Pervushin and others. Reviewed by V. I. Borodkin, A. M. Skripnik, A. IA. Berman. TSvet. met. 29 no. 9:86-88 S '56
Pilot plant operation in one of the enterprises of nonferrous metallurgy. L. I. Grosman. TSvet. met. 29 no. 7:3-6 Jl '56.
Treatment of dusts containing zinc, lead, and tin; from foreign publications. V. M. Bazilevskii, S. L. Liubalina. TSvet. met. 29 no. 9:92-96 S '56.

NONFERROUS METALS INDUSTRY—BIBLIOGRAPHY see Bibliography—Nonferrous metals industry

NORTH AMERICA—BOTANY
Rusanov, F. N. [Trees and shrubs of the botanical garden of the Uzbek Academy of Sciences] Derev'ia i kustarniki botanicheskogo sada Akademii nauk Uzbekskoi SSR. Tashkent, izd-vo Akademii nauk UzSSR,
Pt. 1. [North American trees and shrubs] Severoamerikanskie derev'ia i kustarniki. 1955. 95 p.

NORTH ATLANTIC TREATY ORGANIZATION
Plans for "modernizing" the North Atlantic Treaty Organization. B. Khaloshe. Nov. vrem. 14 no. 41: 10-13 O '56.
West Germany and the North Atlantic Treaty Organization. Mezhdunar. zhizn' no. 9:126-127 S '56.

NORTH KAZAKHSTAN PROVINCE—AGRICULTURE
What it means to work with people. I. Omarov. Part. zhizn' no. 15:17-24 Ag '56.

NORTH KAZAKHSTAN PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
What it means to work with people. I. Omarov. Part. zhizn' no. 15:17-24 Ag '56.

NORTH SEA—FISHERIES
"Distribution of marine fisheries of German North Sea ports and their natural conditions" [in German]. H. Kohl. Reviewed by M. B. Vol'f. Izv. Vses. geog. ob-va 88 no. 4:411-413 Jl-Ag '56.

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN LIGHTS see Auroras

NORTHERN WAR, 1700-1721
Russian-Polish alliance during the first years of the Northern War (1700-1703). G. IU. Gerbil'skii. Nauk. zap. L'viv. un. 38:66-84 '55.

NORWAY—FOREIGN ECONOMIC RELATIONS—RUSSIA
"Our trip proved very useful," report Norwegian businessmen. Nov. vrem. 14 no. 38:14-15 S '56.

NORWAY—YOUTH
Festival; challenge or answer? Martin Nag. Vsem. stud. nov. 10 no. 6:13 Ag '56.

NOSE see Olfactory nerve

NOSE—SURGERY
Bokshtein, F. S. [Intranasal surgery] Vnutrinosovaia khirurgiia. Moskva, Medgiz, 1956. 230 p. (DAFM)

NOSENKO, IVAN ISIDOROVICH, 1902-1956
Ivan Isidorovich Nosenko; an obituary. Sudostroenie 22 no. 8:1-2 Ag '56.

NOSOV, ALEKSANDR KONSTANTINOVICH
Master of bookbinding. IU. Ignatov. Ogonek 34 no. 36: 29 S '56.

NOVGOROD—FASTS AND FEASTS
Pagan feast in ancient Novgorod. V. V. Sedov. Krat. soob. IIMK no. 65:136-141 '56.

NOVGOROD—MANUSCRIPTS (BIRCH BARK)
Remarks on the language of the Novgorod birch bark documents. V. A. Matvecnko. Vop.iaz. 5 no. 4:82-91 Jl-Ag '56.

NOVO-KUBANSKAYA DISTRICT—HARVESTING
What the collective farm gained by harvesting in separate stages. V. Belousov. Kolkh. proizv. 16 no. 8:29 Ag '56.

NOVO SCOTIA—FISHERIES
Fish on dry land. Znan. sila 31 no. 9:34 S '56.

NOVOBLAGORODNOYE—MINERAL WATERS
New occurrence of carbonic acid saline-alkaline waters like those of springs nos. 17 and 4 in Yessentuki. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:95-96 Jl-S '56.

NOVOCAINE
Ecmonovocillin for treating gonorrhea in women. A. M Kharchenko. Vest. ven. i derm. 30 no. 4:50-60 Jl-Ag '56.
Ecmonovocillin for treating syphilis in outpatients. D. I. Khaimovskii and others. Vest. ven. i derm. 30 no. 4: 59 Jl-Ag '56.
Methods and effectiveness of local novocaine anesthesia in surgery of the gastrointestinal tract; experimental research [with summary in English, p. 153]. D. P. Chukhrienko. Vest. khir. 77 no. 8:16-20 Ag '56.
Treatment of some skin diseases with novocaine and conditioned reflex sleep therapy. T. V. Vasil'ev. Sov. med. 20 no. 7:28-32 Jl '56.

NOVOCHERKASSK—CUTTING TOOLS
Introduction of mineral-ceramic cutting tips for high-speed metal cutting. S. M. Notic, G. P. Kulikov. Stan. i instr. 27 no. 7:38-40 Jl '56.

NOVOKHOPERSK DISTRICT—AGRICULTURE
In the Novokhoperak District Committee. K. Skachko. Mol. komm. 14 no. 8:34-42 Ag '56.

NOVOKUYBYSHEVSK—CONSTRUCTION INDUSTRY
Power of the collective. Nikolai Ershov. Sov. profsoiuzy 4 no. 8:43-44 Ag '56.

NOVOSIBIRSK—STEEL CASTINGS
Casting high-pressure cylinders. V. M. Khachaturov. Lit. proizv. no. 8:5-7 Ag '56.

NOVOSIBIRSK—TURBOMACHINES
Novosibirsk Turbogenerator Plant. Leonid Kaluzhskii. Mek. kolkh. 23 no. 8:5 Ag '56.

NOVOSIBIRSK—YOUTH—CONGRESSES
At Siberian youth festivals. V. Kukaretin. Kul't.-pros. rab. 17 no. 9:28-31 S '56.

NOVOTAGILKA—METALLURGICAL PLANTS
Machines for marking metal at the Novotagilka metallurgical plant. N. K. Riabokon'. Metallurg no. 9:31-33 S '56.

NOVOTAGILKA—OPEN-HEARTH FURNACES—REPAIRING
Major overhaul of an open-hearth furnace in 153 hours. V. E. Pis'mennikov. Metallurg no. 9:12-13 S '56.

NOZZLES
Force effect of an air jet on a flapper in pneumatic and hydraulic control devices of the "nozzle-flapper" type. V. N. Dmitriev, A. G. Shashkov. Avtom. i telem. 17 no. 6:559-569 Je '56.

NOZZLES—AERODYNAMICS
Investigating the aerodynamics of the exhaust nozzles in turbines and compressors. L. P. Sokolovskii. Energomashinostroenie no. 9:11-12 S '56.

NUCLEAR COUNTERS
Mechanical phase analyzers for the treatment of experimental data on scattering of particles without a spin by particles with a spin of 0 or 1/2. N. P. Klepikov. Zhur. eksp. i teor. fiz. 30 no. 6:1155-1158 Je '56.

NUCLEAR ENGINEERING
Age of atomic engineering. B. Stepanov. Znan. sila 31 no. 8:6-12 Ag '56.

NUCLEAR FORCES
Strong-coupling nucleomesodynamics. Part 3. Translational motion, meson field mass, and the nuclear magnetic moment. I. M. Dykman, S. I. Pekar. Zhur. eksp. i teor. fiz. 30 no. 6:1125-1141 Je '56.

NUCLEAR MAGNETIC RESONANCE
On the shape of dispersion signals in the magnetic resonance of atomic nuclei in a high-frequency magnetic field. N. M. Levskaia. Zhur. eksp. i teor. fiz. 30 no. 6:1040-1046 Je '56.
Superfine structure of paramagnetic resonance lines in supercooled $^{51}V^{++}$, $^{53}Cr^{+++}$ and $^{55}Mn^{++}$ solutions. N. S. Garif'ianov. Dokl. AN SSSR 109 no. 4:725-727 Ag '56.

NUCLEAR MOMENTS
Quadrupole moment of the $U^{233}$ nucleus. A. G. Zimin, N. M. IAshin. Dokl. AN SSSR 109 no. 2:283-284 Jl '56.

NUCLEAR PHYSICS
Graduated invariant generalization of Wigner's distribution. R. L. Stratonovich. Dokl. AN SSSR 109 no. 1:72-75 Jl-Ag '56.
Retardation in the interaction of neutral atoms. I. E. Dzialoshinskii. Zhur. eksp. i teor. fiz. 30 no. 6:1152-1154 Je '56.
Theory of a Fermi-liquid. L. D. Landau. Zhur. eksp. i teor. fiz. 30 no. 6:1058-1064 Je '56.

NUCLEAR REACTIONS
Disintegration of beryllium and carbon nuclei as a result of $\pi^-$-meson capture. A. A. Varfolomeev, R. I. Gerasimova. Zhur. i teor. fiz. 30 no. 6:1166-1167 Je '56.
$\gamma$-resonances in reactions of proton capture by silicon isotopes. S. P. TSytko, IU. P. Antuf'ev. Zhur. i teor. fiz. 30 no. 6:1171 Je '56.
Investigation of the nuclear reaction $Be^9$ (Pd)$Be^8$. T. I. Kopaleishvili. Zhur. eksp. i teor. fiz. 30 no. 6:1145-1146 Je '56.
Magnetic analysis of $pp \rightarrow n p \pi^+$(I), $pp \rightarrow pp\pi^0$(II) and $pp \rightarrow d\pi^+$(III) reactions at 660 Mev energy. M. G. Meshcheriakov and others. Dokl. AN SSSR 109 no. 3: 490-502 Jl '56.
Nuclear levels in $Li^6$. IU. L. Sokolov and others. Zhur. eksp. i teor. fiz. 30 no. 6:1007-1012 Je '56.
Production of slow $\pi^+$-mesons in photographic emulsion nuclei by 460 Mev protons and neutrons of 400 Mev effective energy. V. V. Alpers and others. Zhur. eksp. i teor. fiz. 30 no. 6:1025-1033 Je '56.
Production of slow $\pi^-$-mesons in photographic emulsion nuclei by 660 Mev protons. V. V. Alpers and others. Zhur. eksp. i teor. fiz. 30 no. 6:1034-1039 Je '56.
Proton stoppage of extremely relativistic electrons. G. S. Saakian. Dokl. AN Arm. SSR 15 no. 1:3-10 '52.
Relation between stripping and formation of compound nuclei in reactions with deuterons. IU. A. Nemilov, K. I. Zherebtsova, B. L. Funstein. Zhur. eksp. i teor. fiz. 30 no. 6:1013-1016 Je '56.
Short-period isomers produced by proton bombardment. O. I. Leipunskii and others. Dokl. AN SSSR 109 no. 5:935-937 Ag '56.
A study of the reaction of $He^3$ with deuterons. A. P. Kliucharev, B. N. Esel'son, A. K. Val'ter. Dokl. AN SSSR 109 no. 4:737-739 Ag '56.

NUCLEI, ATOMIC
Atomic nucleus. IU. D. Usachev. Nauka i zhizn' 23 no. 9:5-9 S '56.

NUCLEI, ATOMIC (Continued)

Nuclear density and the distribution of orbital angular momentum in nuclei. B. K. Kerimov, A. V. Dzhavadov. Zhur. eksp. i teor. fiz. 30 no. 6:1065-1069 Je '56.

Short-period isomers produced by proton bombardment. O. I. Leipunskii and others. Dokl. AN SSSR 109 no. 5: 935-937 Ag '56.

Theory of the excitation energy of heavy nuclei. L. P. Rapoport, IU. M. Butusov. Dokl. AN SSSR 108 no. 6: 1037-1040 Je '56.

NUCLEIC ACIDS

Comparative study of the quantitative contents of nucleic acids in the cultures of certain bacteria, sensitive or resistant to grizemine and streptomycine. A. N. Belozerskii, I. V. Aseeva, A. F. Moroz. Dokl. AN SSSR 109 no. 1:149-151 Jl-Ag '56.

Effect of 4-aminopteroylaminoadipic acid on the rate of biosynthesis and the nucleic acid content of tissues of mice with implanted acute lymphatic leucosis. V. A. Kirsanova, A. A. Tustanovskii. Vop. med. khim. 2 no. 4:272-277 Jl-Ag '56

Nucleic acids in motor cells of the spinal cord and in sensory cells of the spinal ganglion at certain development stages of chicken embryos. L. B. Levinson, E. V. Ananova. Dokl. AN SSSR 109 no. 2:381-383 Jl '56.

NUCLEONS

Charge distribution of mesons in nucleon antinucleon annihilation. A. I. Nikishov. Zhur. eksp. i teor. fiz. 30 no. 6:1149-1150 Je '56.

Radiation scattering of pions on nucleons. R. P. Haida. Dop. ta pov. L'viv. un. no. 5, pt. 2:84-85 '55.

Specific nucleon energy. Z. H. Karabut, M. T. Sen'kiv. Dop. ta pov. L'viv. un. no. 5, pt. 2:79-80 '55.

Scattering of photons by nucleons. R. N. Gurzhi. Zhur. eksp. i teor. fiz. 30 no. 6:1079-1083 Je '56.

Scattering of photons by nucleons and nucleon isobars. V. I. Ritus. Zhur. eksp. i teor. fiz. 30 no. 6:1070-1078 Je '56.

Strong-coupling nucleomesodynamics. Part 3. Translational motion, meson field mass, and the nuclear magnetic moment. I. M. Dykman, S. I. Pekar. Zhur. eksp. i teor. fiz. 30 no. 6:1125-1141 Je '56

NUCLEOPROTEINS

Study of nucleoproteins. Connection between the activity of alkaline phosphatase and the contracting properties and structural state of deoxyribonucleoproteins [with English summary in insert]. B. S. Diskina. Biokhimiia 21 no. 4:482-490 Jl-Ag '56.

NUMBERS, DIVISIBILITY OF

Numbers with small prime divisors. A. I. Vinogradov. Dokl. AN SSSR 109 no. 4:683-686 Ag '56.

NUMBERS, PRIME

An elementary proof of the distribution law of the Gaussian field prime numbers. I. V. Chulanovskii. Vest. Len. un. 11 no. 13:43-62 '56.

NUMBERS, THEORY OF

K. F. Gauss's work on the theory of numbers and algebra. B. A. Venkov. Vop. ist. est. i tekh. no. 1:54-60 '56.

NUMISMATICS see subdivision under Kashin; Olbia (Borysthenes)

NUMISMATICS—HISTORY

"Numismatic collection," part I. Reviewed by G. A. Fedorov-Davydov. Vop. ist. no. 7:180-181 Jl '56.

NUMMULITES see subdivision under Aral Sea region; Ukraine

NURSERIES (HORTICULTURE) see subdivision under Komi A. S. S. R.

NURSES AND NURSING

Fifth anniversary of the organization of the council of sanitary feldshers. N. I. Shangin. Fel'd. i akush. 21 no. 8:63 S '56.

Legal consultation. I. IA. Bychkov. Fel'd. i akush. 21 no. 8:62-63 Ag '56.

Legal consultation. I. IA. Bychkov. Med. sestra 15 no. 8:30-31 Ag '56.

Role of a nurse in preparing the patient and assembling material for laboratory tests. N. M. Krzhivitskaia. Med. sestra 15 no. 7:22-26 Jl '56.

Scientific and practical conferences of nurses. S. A. Sergievskii. Med. sestra 15 no. 8:23-26 Ag '56.

NURSES AND NURSING—LEGAL STATUS, LAWS, ETC.

Legal consultation. I. IA. Bychkov. Fel'd. i akush. 21 no. 9:56-57 S '56.

NURSES AND NURSING—STUDY AND TEACHING

After the factory whistle... E. Pogozheva. Sov. kras. krest 6 no. 4:14-15 Jl-Ag '56.

What are health detachments worried about. Sov. kras. krest 6 no. 4:13 Jl-Ag '56.

NUT TREES

Matveev, M. I. [Water cycle of some arborescent plants in the mountainous part of Tajikistan [Vodnyi rezhim nekotorykh drevesnykh rastenii gornogo Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1953. 81 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, vol. 10)

NUTCRACKERS (BIRDS) see subdivision under Ukraine

NUTRIA see Coypu

NUTRITION

Breitburg, A. M. [Physiology of nutrition] Fiziologiia pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 304 p. (DA)

NUTRITION OF CHILDREN see Children—Nutrition

NUTRITION OF PLANTS see Plants—Nutrition

NYLON

Physicomechanical properties of "chlorin"-capron equipment. V. T. Meslachenko, E. N. Mikhailova. Ryb. khoz. 32 no. 8:10-13 Ag '56.

OAK

(see also subdivision under Kamyshin District; Ukraine)

Effect of various conditions of soil moisture and mineral nutrition on the growth of seedlings of red and durmast oaks. D. F. Protsenko, E. I. Bogomaz. Nauk. zap. Kiev. un. 12 no. 7:37-46 '53.

Role of oak wood in the aging of brandies. E. M. Shpritsman, D. A. Novokhatko. Sad. vin. Mold. 11 no. 4:47-50 Jl-Ag '56.

OAK—DISEASES AND PESTS

Scale insects (Homoptera, Coccoidea) injurious to oaks in Georgia. Z. K. Khadzhibeili. Ent. oboz. 35 no. 1:50-55 '56.

OATS

Effect of elevated soil temperatures on the growth and development of oats at different stages of ontogenesis. R. S. Limar'. Dokl. AN SSSR 108 no. 6:1194-1196 Je '56.

Genesis of oats as field weeds. M. G. Tumanian. Dokl. Arm. SSR 11 no. 1:35-44 '49.

Migration of radioactive phosphorus absorbed by the leaves of tillering oat plants. G. V. Zabiiuda, M. I. Prosteva. Dokl. AN SSSR 109 no. 2:397-399 Jl '56.

Variation in the carbohydrate metabolism of oat in connection with high soil moisture. P. I. Lerman. Dokl. AN SSSR 108 no. 6:1191-1193 Je '56.

OB VALLEY—STONE AGE

Neolithic relics in the upper Ob Valley region. M. N. Komarova. Krat. soob. IIMK no. 64:98-103 '56.

OBESITY see Corpulence

OBLIGATIONS (LAW) see Contracts

OBRUCHEV, VLADIMIR AFANAS'EVICH, 1863-1956

Academician Vladimir Afanas'evich Obruchev; obituary. Izv. AN SSSR. Ser. geog. no. 4:3 Jl-Ag '56.

Academician Vladimir Afanas'evich Obruchev, hero of socialist labor; obituary. D. I. Shcherbakov and others. Izv. AN SSSR. Ser. geol. 21 no. 6:5-10 Je '56.

Vladimir A. Obruchev. Octo 10, 1863 - Je 10, 1956; obituary. Dokl. AN SSSR 108 no. 6:995-996 Je '56.

OBSERVATORIES, ASTRONOMICAL see Astronomical observatories

OBSIDIANS see subdivision under Azerbaijan

OBSTETRICS—STUDY AND TEACHING

Hollow phantom of the uterus. V. I. Savko, A. B. Sheinberg. Fel'd. i akush. 21 no. 8:56-58 Ag '56.

OCCULTATIONS

Observations of occultations. Astron. tsirk. no. 169:21-22 '56.

Observations of occultations. I. I. Gusev. Astron. tsirk. no. 169:22 '56.

Observations of occultations at the Tartu Observatory. Kh. Albo. Astron. tsirk. no. 170:26-27 '56.

Observations of occultations at Tomsk State University in May 1956. N. A. Goltseva. Astron. tsirk. no. 170:26 '56.

OCCUPATIONS—HYGIENIC ASPECTS see Industrial hygiene

OCEAN

Muromtsev, A. M. [The ocean] Mirovoi okean. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 85 p. (Nauchno-populiarnaia biblioteka)

The water balance of continents and oceans. L. I. Zubenok. Dokl. AN SSSR 108 no. 5:829-832 Je '56.

OCEAN BOTTOM

(see also subdivision under Arctic Ocean)

Genetic classification of the world-ocean bottom. D. G. Panov. Dokl. AN SSSR 108 no. 6:1061-1064 Je '56.

OCEAN CURRENTS

Extension of Ekman's theory to the case of nonuniform wind and arbitrary bottom relief in an enclosed sea. A. I. Fel'zenbaum. Dokl. AN SSSR 109 no. 2:299-302 Jl '56.

Relation of the wind to the water level and to steady current in shallow sea. A. I. Fel'zenbaum. Dokl. AN SSSR 109 no. 1:80-83 Jl-Ag '56.

Theory of ocean currents abroad. P. S. Lineikin. Meteor. i gidrol. no. 7:45-51 Jl '56.

OCEAN TRAVEL

On distant seas. V. Chernobrovkin. Druzh. nar. no. 9: 133-143 S '56.

OCEANICA—PHYSICAL GEOGRAPHY

"Africa: Physical geography sketch," "Australia and Oceania." S. T. Belozorov. Reviewed by IU. D. Dmitrovskii. Izv. Vses. geog. ob-va 88 no. 4:394-396 Jl-Ag '56.

OCEANOGRAPHIC RESEARCH see subdivision under Black Sea; Pacific Ocean

OCEANOGRAPHY

Remarks on an article by K. K. Giul' and V. M. Zhirnov. A. I. Duvanin, B. L. Lagutin. Meteor. i gidrol. no. 7: 52-53 Jl '56.

ODESSA—HEALTH RESORTS, WATERING PLACES, ETC.

[Odessa health resorts; a reference manual] Kurorty Odessy; spravochnik. [Odessa] Odesskoe obl. izd-vo, 1955. 141 p.

ODESSA—MACHINE-TOOL INDUSTRY

Seeking for precision. A. Markov. Znan. sila. 31 no. 9:1-5 S '56.

ODESSA—RUSSIAN SOCIAL DEMOCRATIC PARTY

The Odessa party organization on the eve of the Revolution of 1905-1907. S. K. Mel'nik. Pratsi Od. un. 145: 41-62 '55.

ODESSA—SOLAR RADIATION

Role of clear weather in the formation of radiation conditions in Odessa. L. I. Sakali. Meteor. i gidrol. no. 7:22-23 Jl '56.

ODESSA—THEATER

The first in the Ukraine. Teatr 17 no. 9:102 S '56.

OFFENSES, COMPOUND see Compound offenses

OFFSET PRINTING

Controlling combination of inks in offset printing presses. S. Skuratovskii. Poligr. proizv. no. 4:21 Jl-Ag '56.

Dry offset. E. L. Nemirovskii. Poligr. proizv. no. 4:28-30 Jl-Ag '56.

OGANESIAN, LEVON ANDREEVICH, 1886-

L. A. Oganesian; 70th anniversary of his birth and 45th anniversary of his medical, scientific, pedagogic, and social activities. Klin. med. 34 no. 6:9-11 Je '56.

OIL see Petroleum

OIL ANALYSIS

Use of radioactive indicators to investigate the effect of the products from the aging of diesel oils on changes in wear-resistant characteristics. N. I. Itinskaia, M. P. Novikov. Khim. i tekh. topl. no. 8:58-65 Ag '56.

OIL ENGINES see Gas and oil engines

OIL FIELD BRINES

Against the "Palmer system" of interpretation of the chemical composition of waters. M. P. Tolstoi. Azerb. neft. khoz. 35 no. 6:4-6 Je '56.

Determining the influx and absorption of fluids by individual strata. V. A. Sushilin. Azerb. neft. khoz. 35 no. 4:12-15 Ap '56.

Effect of the type of infiltrated water on well completion. G. A. Babalian, Z. F. Rzabekov. Azerb. neft. khoz. 35 no. 6:20-22 Je '56.

Low mobility of oil-water boundaries. Sh. N. Aliev. Azerb. neft. khoz. 35 no. 4:9-12 Ap '56.

Thickness of thin layers of connate water. M. M. Kusakov, L. I. Mekenitskaia. Trudy MNI no. 16:39-57 '56.

OIL FIELD FLOODING

(see also subdivision under Azizbekov (Azerbaijan)

Determining reservoir rock permeability on the basis of the study of water influx of wells. B. M. Listengarten, A. G. Ter-Oganesova. Azerb. neft. khoz. 35 no. 5:6-8 My '56.

Effect of petroleum viscosity on the effectiveness of water flooding. A. P. Ambartsumian and others. Azerb. neft. khoz. 35 no. 8:19-22 Ag '56.

Effect of structural and mechanical properties of expelled oil on the residual-oil saturation. M. A. Geiman, R. A. Fridman. Neft. khoz. 33 [i. e. 34] no. 9:29-34 S '56.

Interrelation of operation objectives in conducting edge-water drives. A. A. Arakelian. Azerb. neft. khoz. 35 no. 2:11-14 F '56.

Peripheral flooding and its economic effect. S. A. Puzov. Neftianik 1 no. 4:19-20 Ap '56.

Study of water flooding of wells by means of restoring hydrostatic pressure. I. D. Amelin. Neft. khoz. 33 [i. e. 34] no. 9:24-29 S '56.

OIL FIELDS

(see also subdivision under Canada; Caspian Sea; Ukraine)

From the editorial staff of "Neftianoe Khoziaistvo" concerning the discussion of M. V. Makrushin's article "Problems of systematic exploitation of oil fields" published in no. 2, 1955. Neft. khoz. 34 no. 8: 41-42 Ag '56.

OIL FIELDS (Continued)

In oil fields of the Soviet Union. Azerb. neft. khoz. 35 no. 6:25 Je '56.

In oil fields of the Soviet Union. Azerb. neft. khoz. 35 no 5:5 My '56.

Simplification and improvement of statistical accounting in oil fields. N. P. Gavrilov. Azerb. neft. khoz. 35 no. 8:39-40 Ag '56.

OIL FIELDS—EQUIPMENT AND SUPPLIES

Petroleum recovery apparatus. N. M. Litvishkov. Azerb. neft. khoz. 35 no. 5:31-33 My '56.

OIL INDUSTRIES

(see also subdivision under Pavlograd)

Results of all-Union socialist competition in the second quarter of 1955. Masl.-zhir. prom. 22 no. 6:39-40 '56.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

The drive for mechanical boosters of FP prepresses. L. A. Utki-Otki, A. I. Kostenko. Masl.-zhir. prom. 22 no. 6:29-30 '56.

Standard vessels for checking the precision of radio moisture meters. M. P. Lysinkov. Masl.-zhir. prom. 22 no. 6:31 '56.

Use of equipment treated with bakelite in the production of essential and extracted oils. N. P. Sokol'nikov. Masl.-zhir. prom. 21 no. 5:30-31 '56.

Vertical bucket excavator ensures the production of meal with low oil content. M. G. Ershov. Masl.-zhir. prom. 21 no. 5:27-29 '56.

OIL RECLAMATION

Regeneration of truck and tractor oils. V. G. Goncharenko, V. I. Bakhman. Neftianik 1 no. 4:3-4 Ap '56.

OIL SHALES

Experimental industrial installation for thermal processing of shale smalls with solid agents for heat transfer. N. E. Kunakov and others. Gaz. prom. no. 9:8-12 S '56.

Hydrofining distillates of tar and the products of thermal dissolution of Estonian shales. M. K. D'iakova and others. Khim. i tekh. topl. no. 9:44-51 S '56.

OIL WELL CEMENTING

Cements with an initial setting of 2-6 hours. S. A. Lantsevitskaia, E. A. IAishnikova. Azerb. neft. khoz. 35 no. 8:9-11 Ag '56.

Classification of absorption zones. A. A. Galvoronskii, B. M. Shaiderov. Neft. khoz. 34 no. 7:15-18 Jl '56.

Determining crevice dimensions in boreholes by means of logging. A. P. Anpilogov. Neft. khoz. 34 no. 8: 22-24 Ag '56.

Discharge pressure in the case of insulating wells against extraneous waters. M. G. Askerov, A. G. Makushkin, N. V. Popova. Azerb. neft. khoz. 35 no. 8:23-25 Ag '56.

OIL WELL DRILLING

(see also subdivision under Karadag)

Calculating drilling casings taking into consideration the effect of changing loads. T. N. Kornev. Azerb. neft. khoz. 35 no. 6:10-13 Je '56.

Change of some drilling characteristics in relation to depth. E. I. Stottukha. Azerb. neft. khoz. 35 no. 3:18-20 Mr '56.

Control of well deflection in turbine drilling. K. F. Paus. Neft. khoz. 34 no. 7:10-15 Jl '56.

Determining the effectiveness of exploitation drilling. V. P. Kaufman. Azerb. neft. khoz. 35 no. 4:28-31 Ap '56.

Economic effectiveness of two-column group drilling. S. L. Zalkin, L. M. Tomashpol'skii. Neft. khoz. 33 [i. e. 34] no. 9:8-16 S '56.

Effect of axial tension on the stability of outer casings in comparison with warping caused by external hydrostatic pressure. S. B. Guseinov, M. A. Guseinov, B. B. Dadashev. Azerb. neft. khoz. 35 no. 3:24-26 Mr '56.

Effect of the amount of fluid pumped on the mechanical rate and service duration of the bit in turbodrilling. A. E. Kuliev. Izv. AN Azerb. SSR no. 7:9-16 Jl '56.

Effective use of bits in bottom-hole drilling [in Azerbaijani with summary in Russian]. E. A. Bagbanly. Izv. AN Azerb. SSR no. 7:33-47 Jl '56.

The expediency of drilling wells with subsequent reaming. IU. A. Safarov, A. A. Avetisian, G. O. Amirdzhanian. Azerb. neft. khoz. 35 no. 4:15-17 Ap '56.

Hydraulic losses in drill casings. S. A. Aburashitov, S. G. Kaprielov. Trudy Azerb. ind. inst. no. 8:33-41 '54.

Industrial training in well drilling. E. F. Shimchishin. Neft. khoz. 33 [i. e. 34] no. 9:68-70 S '56.

New successes of foreman Romanchenko's drilling crew. V. G. Bakulin. Neft. khoz. 33 [i. e. 34] no. 9:67-68 S '56.

Results of drilling the deepest well in Europe (4812 meters). R. A. Ioannesian, M. L. Lalaian, IA. A. Shvarts. Azerb. neft. khoz. 35 no. 2:8-10 F '56.

Significance of the surface of rock particles formed in drilling. P. M. Rostomian. Trudy Azerb. ind. inst. no. 8:65-69 '54.

Some problems of exploratory drilling with continuous withdrawal of cores in Azerbaijan. S. G. Salaev. Dokl. AN Azerb. SSR 12 no. 8:557-561 '56.

Some regularities in the dynamics of bit teeth penetration into the rock. R. M. Eigeles. Neft. khoz. 34 no. 8:14-20 Ag '56.

Studying causes of well cave-ins. N. M. Shersinev. Azerb. neft. khoz. 35 no. 8:6-8 Ag '56.

Underground echo. N. Dolgopolov. Znan. sila 31 no. 8: 33 S '56.

Using oil-base drilling fluids in sidetracking. Kh. G. IArulin, S. V. Avilov. Azerb. neft. khoz. 35 no. 8:41-42 Ag '56.

Wireless tachometer used in turbodrilling. V. P. Varlamov. Neftianik 1 no. 4:23-25 Ap '56.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Base construction of drill casing. V. R. Mikhailov, N. A. Babalian, A. G. Eigenson. Neft. khoz. 33 [i. e. 34] no. 9:15-17 S '56.

Circular milling of leg pins for cone bits. E. L. Markhasin, A. A. Petrosiants. Trudy MNI no. 17:243-246 '56.

Decreasing metal cost in manufacturing bit units. B. F. Bylim. Neft. khoz. 34 no. 7:18 Jl '56.

Double square grief stem represents a double economy in time. S. M. Daneliants. Neftianik 1 no. 4:8-9 Ap '56.

Fishing operations. M. Khakimov. Neftianik 1 no. 4: 10 Ap '56.

Improved characteristics of bottom electric motors driving the bit. B. M. Shkol'nikov, I. I. Sud. Energ. biul. no. 7: 20-24 Jl '56.

Introduction of a method for adding fluid in well sand pumps. I. M. Musaev, V. S. Kozlov. Azerb. neft. khoz. 35 no. 3:8-12 Mr '56.

Organization of drill casing maintenance. L. M. Gel'zin. Azerb. neft. khoz. 35 no. 8:12-14 Ag '56.

Packing rotating shafts of submersible electric machinery. N. D. Shcherbiuk. Energ. biul. no. 7:16-18 Jl '56.

Results of using an electric brake in drilling. A. B. Fradkin, M. E. Fridman. Azerb. neft. khoz. 35 no. 6:14-15 Je '56.

OIL WELL DRILLING—PRICES

Change in accounting for well construction costs. P. M. Fomichev. Azerb. neft. khoz. 35 no. 3:31-32 Mr '56.

Methods for determining scheduled costs of drilling operations. Z. A. Politkov, A. V. Tatrova. Azerb. neft. khoz. 35 no. 2:29-31 F '56.

OIL WELL DRILLING—PRODUCTION STANDARDS

Ioffe, I. Sh., and D. D. IAmshchikov. [Simplified method of plotting norm charts in well drilling] Uproshchennyi metod raschota normativnykh kart na burenie skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 56 p.

OIL WELL DRILLING, SUBMARINE

(see also subdivision under Azerbaijan)

Drilling installations for deep marine operations. A. A. Minin, K. A. Chefranov. Azerb. neft. khoz. 35 no. 3: 22-24 Mr '56.

Method of erecting oil field frame and pile installations at great ocean depths using turbodrills. N. F. Datsko. Trudy Azerb. ind. inst. no. 9:98-106 '55.

Protecting marine oil-well installations against drifting ice. IU. S. Davydovskii. Azerb. neft. khoz. 35 no. 5: 30-31 My '56.

Some problems in the construction of marine petroleum installations. I. P. Kuliev. Azerb. neft. khoz. 35 no. 2: 15-17 F '56.

OIL WELL DRILLING FLUIDS

Conditions for gas and oil entrance into drilling fluid during well drilling. E. M. Geller. Geokhim. met. poisk. nefti i gaza no. 2:141-160 '54.

Emulsion drilling fluids. A. A. Abramova, V. IA. Popova. Azerb. neft. khoz. 35 no. 5:20-21 My '56.

Experimental study of the cleaning capacity of an automatic rotating separator. F. A. Shikhaliov. Trudy Azerb. ind. inst. no. 9:123-132 '55.

Field tests of the "PL" sulfurized phenol as a viscosity reducer of heavy drilling fluids. O. S. Zagarmistr, L. I. Balaian. Azerb. neft. khoz. 35 no. 5:18-20 My '56.

Hydraulic method of preparing and weighting drilling fluid. V. G. Bakulin, I. N. Reznichenko. Neft. khoz. 34 no. 8:20-22 Ag '56.

Importance of fluid used in well perforation. I. A. Nazarov. Azerb. neft. khoz. 35 no. 5:29-30 My '56.

Oil-base drilling fluids for revealing the productive strata and for drilling under complex conditions. K. F. Zhigach and others. Neft. khoz. 34 no. 8:9-14 Ag '56.

Our method in combating catastrophic loss of drilling fluid. B. S. Avdeev. Neftianik 1 no. 4:10-11 Ap '56.

Rheological parameters of weighted drilling fluids. V. G. IAsov. Neft. khoz. 33 [i. e. 34] no. 9:18-20 S '56.

Turbodrilling in heavy drilling fluids. E. I. Sukurenko. Neftianik 1 no. 4:12-14 Ap '56.

Using oil-base drilling fluids in sidetracking. Kh. G. IArulin, S. V. Avilov. Azerb. neft. khoz. 35 no. 8:41-42 Ag '56.

OIL WELL LOGGING

Gas logging research in exploratory wells. K. A. Kurbanov, V. M. D'iachishina. Azerb. neft. khoz. 35 no. 4:1-4 Ap '56.

Methods of thorough geological interpretation of petroleum and gas logging diagrams. Z. A. Tabasaranskii. Geokhim. met. poisk. nefti i gaza no. 2:3-26 '54.

OIL WELL LOGGING, RADIATION

New radiation logging apparatus. D. F. Besapalov, A. P. Grumbkov. Neft. khoz. 33 [i. e. 34] no. 9:39-43 S '56.

Practical application of radiation logging in wells to determine the oil-water contact. S. A. Sultanov. Neftianik 1 no. 4:29-30 Ap '56.

Radioactive prospecting of petroleum. V. M. Zaporozhets. Nauka i zhizn' 23 no. 9:13-16 S '56.

OIL WELL PUMPS

Flexible chain cable of a deep well pump. IA. M. Kershenbaum. Trudy MNI no. 16:178-182 '56.

Gas anchor. V. F. Troitskii, V. V. Sazonov. Azerb. neft. khoz. 35 no. 3:12-14 Mr '56.

Operation of submersible electric-driven pumps. Sh. M. Mukhametshin. Neftianik 1 no. 4:14-16 Ap '56.

Small-size four-section gas anchor. K. S. Kadymova, N. B. Kuliev. Azerb. neft. khoz. 35 no. 3:14-15 Mr '56.

System of allowances for plunger and cylinder assembly of deep well pumps. S. G. Sultanov, D. V. Kogan. Azerb. neft. khoz. 35 no. 6:26-27 Je '56.

OIL WELLS

(see also subdivision under United States)

Analytical determination of dynamic bottom-hole pressures in free-flowing wells. I. T. Gladkov. Azerb. neft. khoz. 35 no. 6:16-18 Je '56.

Operation of wells by circulation of fluid. V. V. Moiseev. Azerb. neft. khoz. 35 no. 6:46 Je '56.

Pressure restoration in uncompleted wells containing a sand plug. S. N. Buzinov. Trudy MNI no. 16:96-112 '56.

Rapid well maintenance with mechanical cleaning of paraffin from casings and stems. R. S. Madera, G. D. Nuridzhanov. Azerb. neft. khoz. 35 no. 3:15-18 Mr '56.

Remote control of water intake wells under river beds. L. B. Kublanovskii. Vod. i san. tekh. no. 8:11-16 Ag '56.

OIL WELLS—EQUIPMENT AND SUPPLIES

Approximate method for checking the general strength of drilling rigs in connection with the joint action of vertical and horizontal loads. F. M. Gadzhiev. Azerb. neft. khoz. 35 no. 8:35-37 Ag '56.

Automatic control in petroleum production. A. P. Tkachenko. Neftianik 1 no. 4:25-26 Ap '56.

Brake shoes developed by the Azerbaijan Petroleum Research Institute for the Exploitation of Petroleum. G. M. Shakhmaliev, F. G. Khaimo. Azerb. neft. khoz. 35 no. 8:11-12 Ag '56.

Operation of underground equipment in deflected and directional wells. K. S. Kadymova. Azerb. neft. khoz. 35 no. 6:22-24 Je '56.

Selective perforation. G. T. Ovnatanov. Neft. khoz. 34 no. 8:36-41 Ag '56.

Stronger pumping and compressor tubing for extra-deep wells. I. A. Useinov. Azerb. neft. khoz. 35 no. 3:26 Mr '56.

Study of the quality of threaded couplings of $6\frac{5}{8}$" casings and means of increasing their tightness. S. B. Guseinov, M. A. Guseinov. Azerb. neft. khoz. 35 no. 8: 37-38 Ag '56.

Using BESh elevators for lowering and lifting operations created by new technology. K. A. Voroshilov, I. A. Talkhberg. Azerb. neft. khoz. 35 no. 6:45-46 Je '56.

OIL WELLS—EQUIPMENT AND SUPPLIES—REPAIRING

Advanced labor methods for underground maintenance. V. A. Arsent'ev. Neft. khoz. 34 no. 7:62-64 Jl '56.

Results of mechanization of underground well repairs. D. I. Ismailzade, S. S. Oganov. Azerb. neft. khoz. 35 no. 6:43-45 Je '56.

OIL WELLS—GAS LIFT

Methods of computing gas lift on the basis of experimental data in deep lifts. T. A. Tatrova. Trudy Azerb. ind. inst. no. 8:42-64 '54.

OILS, ESSENTIAL see Essences and essential oils

OILS, INSULATING see Insulating oils

OILS AND FATS

Automatic regulation of continuous refining of fats in column type apparatus. G. S. Gul'chak. Masl.-zhir. prom. 22 no. 6:26-29 '56.

Characteristic of the "activity" of hydrogenated catalyzers. B. N. Tiutiunnikov. Masl.-zhir. prom. 21 no. 5:25-26 '56.

In the Technical Council of the Ministry of the Food Products Industry. Masl.-zhir. prom. 22 no. 6:38-39 '56.

Oils and fats industry. Masl.-zhir. prom. 21 no. 5: 33-35 '56.

Outsession of a section of the Scientific Council of the All-Union Scientific Research Institute of Fats at the Uch-Kurgan Oil Extraction Plant. Masl.-zhir. prom. 22 no. 6:38 '56.

Preventing the contamination of oil by water and oxidation in the oil system of turbines. V. I. Elistarkhov. Energetik 4 no. 9:10 S '56.

OILS AND FATS (Continued)
Review of magazine articles on the oil, fat, perfume and cosmetics industries. Masl.-zhir.prom. 22 no.6: 36-37 '56.
Technical council of the U.S.S.R. Ministry of the Food Products Industry. Masl.-zhir.prom. 21 no.5:36-37 '56.

OILS AND FATS—ANALYSIS
Losses of fats during their processing for glycerin. M.V.Irodov. Masl.-zhir.prom. 22 no.6:13-16 '56.

OILS AND FATS—CONGRESSES
Out session of the Scientific Council of All-Union Research Institute of Fats in the Shebekino Combine for Synthetic Fatty Acids and High-Molecular Fatty Alcohols. Masl.-zhir.prom. 21 no.5:37-39 '56.

OILS AND FATS—EXHIBITIONS
Oils and fats industry at the All-Union Industrial Exhibition. Masl.-zhir.prom. 21 no.5:5-13 '56.

OILS AND FATS, EDIBLE
Production of powdered fats (margarine and butter). N.I.Kozin, B.I.Khomutov. Masl.-zhir.prom. 21 no.5:21-24 '56.

OILSEED PLANTS
Concerning N.I.Sharapov's book "New fatty oilseed plants." B.P.Bochantsev, D.V.Lebedev, A.A.Riabinin. Bot.zhur. 41 no.6:901-907 Je '56.
"New fatty oilseed plants." N.I.Sharapov. Reviewed by S.L.Ivanov, V.S.Sokolov. Bot.zhur. 41 no.6:908-909 Je '56.
[Technical and oilseed crops.] Tekhnicheskie i maslichnye kul'tury no.11 N '56.

OILSEEDS
The book of V.A.Zhulifov ("Procurements and purchases of oilseeds." V.A.Zhulidov. Reviewed by N.N.Gil'dshtein). Masl.-zhir.prom. 22 no.6:33-34 '56.
Interaction of sugar and protein substances of oilseeds during processing. V.P.Rzhekhin. Masl.-zhir.prom. 22 no.6:3-6 '56.
Refractometric method for determining the percentage of crushed cells in meats. G.I.Baglai. Masl.-zhir. prom. 22 no.6:7-9 '56.

OINTMENTS
Solodkii, F.T., and A.L.Agranat, [Production of chlorophyll-carotin paste from pine needles] Proizvodstvo khvoinoi khlorofillo-karotinovoi pasty. Moskva, Goslesbumizdat, 1956, 29 p.

OKA RIVER—FISHES
Asphyxiation of fishes in the Oka River. V.V.Kozlov. Zool.zhur. 35 no.6:936-937 Je '56.

OKHOTSK, SEA OF—CODFISH
Trawling for codfish in waters off South Sakhalin. A.V. Lestev. Ryb.khoz. 32 no.8:6-9 Ag '56.

OKHOTSK, SEA OF—DEEP-SEA DEPOSITS
Organic matter of the liquid phase of contemporary deposits of the Okhotsk Sea. N.D.Starikova. Dokl. AN SSSR 108 no.5:892-894 Je '56.

OKHOTSK, SEA OF—FISHING
Over the Sea of Okhotsk. K.TSyplakov. Grazhd.av. 13 no.8:17 Ag '56.

OKINAWA—MILITARY BASES, AMERICAN
Strange friendship. Nov.vrem. 14 no.41:16 O '56.
What is happening on Okinawa? Iosiro Takakhasi. Vsem.prof.dvizh. no.8:35-37 Ag '56.

OKINAWA—TRADE UNIONS
What is happening on Okinawa? Iosiro Takakhasi. Vsem.prof.dvizh. no.8:35-37 Ag '56.

OKOLOVICH, ALEKSANDR KONSTANTINOVICH, 1916-1955
Aleksandr Konstantinovich Okolovich; obituary. Trudy VNIO no.16:190-191 '56.

OLBIA (BORYSTHENES)—ANTIQUITIES
The agora of Olbia. E.I.Levi. Mat.i issl.po arkheol. no.50:35-118 '56.
Clay weaving pendant with the impression of a seal. M.I.Maksimova. Mat.i issl.po arkheol. no.50:190-196 '56.

OLBIA (BORYSTHENES)—CULTURE
Scythian elements in the culture of Olbia. S.I.Kaposhina. Mat.i issl.po arkheol. no.50:154-189 '56.

OLBIA (BORYSTHENES)—INSCRIPTIONS, GREEK
The population of Olbia from the sixth to the first century B.C. according to epigraphic sources. T.N. Knipovich. Mat.i issl.po arkheol. no.50:119-153 '56.

OLBIA (BORYSTHENES)—MAPS
Nineteenth century plans of Olbia as sources for the historical topography of the city. A.N.Karasev. Mat. i issl.po arkheol. no.50:9-34 '56.

OLBIA (BORYSTHENES)—NUMISMATICS
Coins of King Pharzoios. N.P.Rozanova. Mat.i issl. po arkheol. no.50:197-208 '56.

OLD AGE
Morphological changes in the organs and tissue during premature senility caused by functional disorders of the central nervous system. IE.D.Henis. Fiziol.zhur. [Ukr.] 2 no.3:97-100 My-Je '56.

OLD AGE HOMES
One's own home. M.Liplavskaia. Sots.obesp. 17 no.4:31-32 Ap '56.
With veterans of the stage. V.Semenov. Sots.obesp. 17 no.4:33-34 Ap '56.

OLD AGE PENSIONS
Basic principles of pension insurance in the U.S.S.R. A.Levshin. Sots.obesp. 17 no.5/6:22-26 My-Je '56.
Old age pensions. M.Lirtsman. Sots.obesp. 17 no.8: 4-8 Ag '56.

OLD BULGARIAN LANGUAGE see Church Slavic language

OLD PERSIAN INSCRIPTIONS
Determining the meaning of social and economic terms in the Behistun inscription. V.O.Tiurin. Trudy Inst. iaz. 6:499-525 '56.

OLEANDER—DISEASES AND PESTS
Pathogen of tuberculosis in oleanders in the U.S.S.R. M.A.Chumaevskaia. Dokl.Akad.sel'khoz. 21 no.9: 40-42 '56.

OLEFINS
Alkylation of benzene with olefins in the presence of anhydrous aluminum chloride. P.G.Sergeev. Khim.prom. no.3:144-150 Ap-My '56.
Alkylation of benzene with olefins in the presence of anhydrous aluminum chloride. P.G.Sergeev. Khim. prom. no.4:208-217 Je '56.
Condensation of diene hydrocarbons with acetylenedicarboxylic acid and with its methyl ester. N.P.Sopov, V.S.Miklashevskaia. Zhur.ob.khim. 26 no.7:1914-1918 Jl '56.
New methods for the polymerization of ethylene and of other olefins. A.V.Topchiev, B.A.Krentsel'. Usp.khim. 25 no.8:921-932 Ag '56.
Oxidizing chlorophosphination of chlorine substituted olefins. L.Z.Soborovskii, IU.M.Zinov'ev, L.I.Muler. Dokl. AN SSSR 109 no.1:98-100 Jl-Ag '56.
Reactions of perfluoro olefins. Part 5. Reactions for the conjugate addition of halides. I.L.Knuniants, E.IA. Pervova, V.V.Tiuleneva. Izv.AN SSSR, Otd.khim.nauk no.7:843-849 Jl '56.
Secondary alkyl sulfates as washing products. A.IU. Rabinovich, E.S.Skripchenko. Masl.-zhir.prom. 22 no.6:19-20 '56.

OLFACTORY NERVE
Culture in vitro of presumptive anlagen of the olfactory organ in amphibians (Rana temporaria). IA.A.Vinnikov. Dokl.AN SSSR 108 no.5:973-975 Je '56.

OLYMPIC GAMES see subdivision under Berlin; Melbourne

OMNIBUS SERVICE see Motorbus lines

OMSK—APPLE
Omsk "grandmother" apple tree. V.Anisimov. Ogonek 34 no.39:32 S '56.

OMSK—COMMUNITY CENTERS
Schoolboys' rooms at trade-union clubs. I.Tankelevich. Sov.profsoiuzy 4 no.8:72-73 Ag '56.

OMSK—ELECTRIC SUBSTATIONS—HEATING AND VENTILATION
Ventilation of a transformer substation under conditions of overloading and high outside temperature. N.I. Ursulov. Vod.i san.tekh. no.9:34-35 S '56.

OMSK—THEATER
"Mashen'ka." Teatr 17 no.9:155 S '56.

OMSK PROVINCE—WHEAT
Siberian wheat is coming. A.Grigor'ev. Ogonek 34 no. 39:21 S '56.

ONCOLOGY
(see also subdivision under Leningrad Province; Tajikistan)
For further improvement in oncological services and an increase in research in the field of oncology. Vop.onk. 2 no.3:259-262 '56.

ONEGA, LAKE—CRUSTACEA
Cladocera and copepode varieties of crustaceans in Lake Onega. M.F.Polyvana. Nauk.zap.Kiev.un. 13 no.6: 123-145 '54.

ONIONS
(see also subdivision under Rostov Province)
Development of vascular tissue in wheat and onion leaves. L.P.Chel'tsova. Izv.AN SSSR, Ser.biol. no.4:74-82 Jl-Ag '56.
Effect of growing corn and onion on the anthrax bacillus. V.A.Kosarev. Veterinariia 33 no.9:66-68 S '56.
Fall planting of onions for seed. P.D.Danilenko. Sad i og. no.9:22-23 S '56.
Onion storage. E.I.Ezerskaia. Sad i og. no.9:23-25 S '56.
Potassium fertilizer for onions. A.IA.Kal'tin. Sad i og. no.8:23-24 Ag '56.

ONTOGENY (BOTANY)
Biological importance of cotyledon leaves in the ontogenesis of the cotton plant. D.V.Ter-Avanesian, I.V. Gausman. Dokl.AN SSSR 109 no.5:1045-1048 '56.
Conference on problems of the individual development of farm animals. S.N.Bogoliubskii. Usp.sovr.biol. 42 no.1:115-120 Jl-Ag '56.

OPEN-AIR TREATMENT
Regulating the length of water and air procedures. A.M. Voronov. Vop.kur.fizioter.i lech.fiz.kul't. 21 no.3: 74-75 Jl-S '56.

OPEN-HEARTH FURNACES
(see also subdivision under Zaporozh'ye)
Chemical and mineralogical changes in refractories used in the regenerators of basic open-hearth furnaces. I.A. Pitskhelauri. Ogneupory 21 no.5:207-211 '56.
Conference on the results of using waste heat boilers at open-hearth furnaces. Z.S.Kurliander. Metallurg no.8:35 Ag '56.
Maintenance of steel tapping and slag holes in open-hearth furnaces. D.I.Kuznetsov. Metallurg no.8: 16-19 Ag '56.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES
Mechanized breaking-off ladle linings. S.D.Khotsenskii, K.K.Puzatov. Metallurg no.9:37 S '56.

OPEN-HEARTH FURNACES—REPAIRING
(see also subdivision under Novotagilka)
Ways of lowering costs of repairing open-hearth furnaces. G.I.Popov. Stal' 16 no.8:740-741 Ag '56.

OPEN-HEARTH PROCESS
(see also subdivision under Makeyevka)
Conference on the use of oxygen in open-hearth furnaces. V.E.Levchenko. Metallurg no.8:34-36 Ag '56.
"Deoxidation of open-hearth steel." A.N.Morozov, A.I. Stroganov. Reviewed by N.N.Dobrokhotov. Stal' 16 no.8:764-766 Ag '56.
On N.N.Dobrokhotov's and B.Kh.Khan's review of A.N. Morozov's and A.I.Stroganov's book "Deoxidation of open-hearth steel." A.N.Morozov, A.I.Stroganov. Stal' 16 no.8:766-767 Ag '56.

OPERA see subdivision under Moscow; Tallinn

OPERA, CHINESE
Put artistic mastery at the service of the fatherland. Kitai no.7:16-17 Jl '56.

OPERATIONS, SURGICAL
Dynamics of changes in the peripheral blood during after operations on the cavities. A.S.Zybina. Voen.-med.zhur. no.10:36-42 O '56.
Significance of types of higher nervous activity for understanding some postoperative complications in the surgical clinic. V.M.Shamov, L.IE.Konstantynova. Fiziol. zhur.[Ukr.] 2 no.3:47-54 My-Je '56.

OPERATIVE SURGERY see Surgery, Operative

OPHTHALMOLOGY
Hirudinization in ophtalmology. A.N Medvedev. Trudy AN Tadzh.SSR 40:141-146 '55.
Medical tactics in ophtalmology. N.M.Pavlov. Trudy AN Tadzh.SSR 40:65-70 '55.

OPHTHALMOLOGY—BIBLIOGRAPHY see Bibliography—Ophthalmology

OPHTHALMOLOGY—HISTORY see subdivision under Asia, Central

OPTICAL INSTRUMENTS
On the extent of the resolving power of optical instruments. S.G.Rautian. Dokl.AN SSSR 109 no.4:743-745 Ag '56.

OPTICS, METEOROLOGICAL see Meteorological optics

OPTICS, PHOTOGRAPHIC see Photographic optics

OPTICS, PHYSIOLOGICAL
Influence of certain factors on the visibility of flashlights in navigation. K.N.Butanova, A.V.Luizov. Dokl.AN SSSR 109 no.3:511-514 Jl '56.
Light sensitivity of the visual analysor under conditions of cortical inhibition. G.G.Demirchoglian, M.A.Allakhverdian. Dokl.AN SSSR 109 no.1:225-228 Jl-Ag '56.
Role of kinesthetic stimuli accompanying the response reaction in the perception of visual stimuli. V.G. Samsonova. Dokl.AN SSSR 109 no.5:1069-1072 Ag '56.

ORAGVELIDZE, M.
Life conquers ("Friendship" [in Georgian]. M.Oragvelidze. Book review). Druzh.nar. no.9:188 S '56.

ORCHARDS see Fruit culture

ORDZHONIKIDZE—THEATER
"Fatima." Teatr 17 no.8:128-130 Ag '56.

ORE DEPOSITS
Bibliography: Kh. M. Abdullaev's book "Genetic affinity of mineralization with granitoid intrusions." Reviewed by A. P. Nedzvetskii, R. B. Baratov. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:189-172 '55.

ORE DRESSING
(see also subdivision under Karabash; Krasnoyarsk; Ural Mountain region; Zaporozh'ye)
The All-Union Institute for Research in Mechanical Processing of Economic Minerals should be at the level of existing new tasks. V. M. Visloguzov. Gor. zhur. no. 8: 6-10 Ag '56.
Let us improve ore dressing techniques in every possible way. A. V. Troitskii. Gor. zhur. no. 8:3-5 Ag '56.
Precious grains. IA. Korsh. Znan. sila 31 no. 8:26-29 Ag '56.
Producing and processing granulated concentrates at the Kirovgrad copper smelting plant. E. M. Liapustina, A. A. Babadzhan, V. D. Bulatov. TSvet. met. 29 no. 9:24-28 S '56.
Solomin, K. V. [Spiral concentrators] Vintovye separatory. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 103 p.
Study of the roasting process of molybdenite concentrates in a boiling fuel bed. A. N. Zelikman, L. V. Beliaevskaia, O. E. Krein. TSvet. met. 29 no. 8:14-22 Ag '56.
Use of complex ferromanganese ores from deposits in the eastern regions of the U. S. S. R. for the production of iron alloys. O. A. Dominova, S. D. Toporkov. Gor. zhur. no. 8:11-14 Ag '56.

ORE DRESSING—EQUIPMENT AND SUPPLIES
Modernization of concentration tables. S. A. Khomchenko. TSvet. met. 29 no. 7:81-82 Jl '56.

OREL—SLAUGHTERING AND SLAUGHTERHOUSES
The capacity of the combine has been doubled. V. Bondarenko. Mias. ind. SSSR 27 no. 4:54 '56.

OREL—THEATER
"Friendship." Teatr 17 no. 8:129-130 Ag '56.

OREL PROVINCE—IRRIGATION FARMING
Irrigation of vegetable crops on collective farms in the zone of the Saburovo Machine-Tractor Station in Orel Province. G. F. Shumetov. Gidr. i mel. 8 no. 10:33-36 O '56.

ORES—SAMPLING AND ESTIMATION
Automatic sampling device for large-sized ore lumps. C. Z. Malkin. TSvet. met. 29 no. 9:73-75 Ag '56.

ORES, MAGNETIC SEPARATION OF see Magnetic separation of ores

ORGANIC COMPOUNDS—SPECTRA
Relation between the intensity of Raman spectra lines and the frequency of the exciting light. A. Kh. Khalilov, S. Z. Rzaeva. Dokl. AN Azerb. SSR 12 no. 7:441-447 '56.

ORGANIZATION, INDUSTRIAL see Industrial organization

ORGANOMETALLIC COMPOUNDS
Reactions of diazo compounds with metals leading to the formation of metalorganic compounds. O. A. Reutov. Izv. AN SSSR, Otd. khim. nauk no. 8:943-950 Ag '56.
Study of the reaction of salicylic acid in presence of sodium nitrate with salts of certain metals. L. M. Kul'berg, A. G. Kovaleva. Zhur. neorg. khim. 1 no. 5:968-983 My '56.

ORGANOMETALLIC COMPOUNDS—HISTORY
The priority of Russian scientists in syntheses with metalorganic compounds of the RMgX type. B. G. Boldyrev. Nauch. zap. LPI no. 20:3-6 '55.

ORIENTAL ANTIQUITIES
Childe, V. Gordon. [New light on the most ancient East. Translated from the English] Drevneishii Vostok v svete novykh raskopok. Perevod s angliiskogo M. B. Grakovoi-Sviridovoi. Predisl. i red. V. I. Avdieva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 382 p., illus.

ORIENTAL STUDIES see subdivision under Hungary; Leningrad

ORIENTAL STUDIES—PERIODICALS see subdivision under Czechoslovakia

ORIENTATION
Beliakou, M.F. [Orientation without maps. Translated from the Russian] Aryentavanne na miastsovastsi bez karty. Pereklad z ruskaha vydannia. Minsk, Dziarzh. vyd-va BSSR, 1956. 47 p.
Human and animal orientation in space. I. S. Beritov. Vop. psikhol. 2 no. 4:64-66 Jl-Ag '56.

ORIENTATION (MILITARY SCIENCE) see Range finding

ORIGIN OF LIFE see Life—Origin

ORIGIN OF SPECIES see Species, Origin of

ORLOV, SERGEI VLADIMIROVICH, 1880-
Sergei Vladimirovich Orlov. Biul. Stal. astron. obser. no. 14:3-4 '55.

ORPHANS AND ORPHANAGES see subdivision under Chile; Pyongyang, Korea

ORSK—PETROLEUM INDUSTRY
Factory committee avoids acute problems. A. Sheianov. Sov. profsoiuzy 4 no. 8:68-70 Ag '56.

ORTHODOX EASTERN CHURCH
Vazgen I, Patriarch-Catholicos of All the Armenians, received by Alekseii, Patriarch of Moscow and All Russia. Zhur. Mosk. Patr. no. 6:6 Je '56.

ORTHODOX EASTERN CHURCH—CLERGY
Decisions of the Holy Synod. Zhur. Mosk. Patr. no. 6: 6 Je '56.

ORTHODOX EASTERN CHURCH—HISTORY
History of the relations between the Serbian and Russian Orthodox Churches. I. Shabatin. Zhur. Mosk. Patr. no. 6:67-75 Je '56.
Russian Orthodox Church and the Orthodox East (to be concluded). A. Ivanov. Zhur. Mosk. Patr. no. 6:55-62 Je '56.

ORTHODOX EASTERN CHURCH—RELATIONS
Foreign visitors in the Moscow Patriarchate. Zhur. Mosk. Patr. no. 6:6-7 Je '56.
Presence of representatives of the Russian Orthodox Eastern Church at receptions in honor of foreign visitors. Zhur. Mosk. Patr. no. 6:7 Je '56.

ORTHODOX EASTERN CHURCH—RELATIONS—CHURCH OF ENGLAND
The Orthodox Church and the Anglican faith after the First World War. M. Vinogradov. Zhur. Mosk. Patr. no. 6:62-66 Je '56.

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

ORTHOGONAL SERIES see Series, Orthogonal

ORTHOPEDIA
Marks, V.O. [Examining an orthopedic patient] Issledovanie ortopedicheskogo bol'nogo. Minsk, Gos. izd-vo BSSR, 1956. 382 p. Illus. (DAFM)

OSCILLATIONS
Frequency multiplication and division in unmodulated and modulated oscillations. I. T. Turbovich. Radiotekhnika 11 no. 8:3-13 Ag '56.
Synchronization of relaxation oscillations. M. M. Bogoliubov. Nauk. zap. Kiev. un. 9 no. 9:5-20 '50.

OSCILLATORS, CRYSTAL
Investigation of impact excitation and forced extinction of quartz oscillations. T. N. IAstrebtseva, I. G. Akopian. Radiotekhnika 11 no. 9:39-45 S '56.

OSCILLATORS, ELECTRIC
Ivanov, A. B., and L. N. Sosnovkin. [Ultrahigh frequency pulse generators] Impul'snye peredatchiki SVCh. Moskva, Izd-vo "Sovetskoe radio," 1956. 614 p.

OSCILLATORS, ELECTRON-TUBE
Action of slow fluctuations on self-sustained oscillators. V. I. Tikhonov, I. N. Amiantov. Radiotekh. i elektron. 1 no. 4:428-432 Ap '56.
Ascertaining oscillations in self-sustained decimetric wave-length oscillators. N. F. Alekseev. Radiotekhnika 11 no. 8:52-63 Ag '56.
Designing a three-tube RC-oscillator. S. V. Svechnikov, V. A. Kuz'menko. Radiotekhnika 11 no. 7:46-49 Jl '56.
Multiphase multivibrator. IA. E. Belen'kii, A. N. Svenson. Radiotekhnika 11 no. 7:39-45 Jl '56.
New exciter circuit (From: "RSGB Bulletin" M '56). Radio no. 8:59 Ag '56.
One of the operational conditions for single-cycle multivibrators with cathode coupling. I. A. Zakharia. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 6: 158-170 '56.
Synchronization of electron-tube oscillators of sinusoidal oscillations by shot-multiple harmonic force. T. A. Gaiit, I. I. Minakova. Radiotekhnika 11 no. 7:50-56 Jl '56.
Transition oscillator as a device with feedback. A. A. Kulikovskii. Radiotekhnika 11 no. 8:71-73 Ag '56.

OSETROVO—HARBORS
Gateway to the North; a sketch. L. Lifshits. Nov. Sib. 32:294-300 '56.

OSIPOV, IAKOV IVANOVICH, d. 1948
Biography of a hero ("IAkov Osipov." I. Kramov. Reviewed by Mikh. Bragin). Novyi mir 32 no. 8:256-257 Ag '56.

OSSETIA—ROADSIDE IMPROVEMENT
Roadside improvement in the North Ossetian A. S. S. R. F. TSallagov. Avt. dor. 19 no. 8:29 Ag '56.

OSSETIC LANGUAGE
Some Ossetic elements in Georgian. V. I. Abaev. Trudy Inst. iaz. 6:437-441 '56.

OSSETIC LANGUAGE—ONOMATOPOEIA
Imitative words in the Ossetic language. V. I. Abaev. Trudy Inst. iaz. 6:409-427 '56.

OSSETIC LANGUAGE—SYNONYMS
Parallelisms in Ossetic speech. V. I. Abaev. Trudy Inst. iaz. 6:428-436 '56.

OSTEOMYELITIS
Uvarov, V.M. [Clinical aspects and treatment of odontogenic osteomyelitis of the jaws] Klinika i lechenie odontogennykh osteomielitov cheliustei. Leningrad, Medgiz, 1956. 137 p. illus. (Biblioteka prakticheskogo vracha) (DAFM)

OSTRACODA, FOSSIL see subdivision under Shemakha District

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886
Three days in Shchelykovo. Teatr 17 no. 9:183-186 S '56.

OSTROVSKII, NIKOLAI ALEKSEEVICH, 1904-1936
To Anatolii Volkovinskii. S. Tregub. Sots. obesp. 17 no. 5/6:76-79 My-Je '56.

OTČENAŠEK, JAN
Birth of a citizen ("Citizen Brych" [in Czech]. Jan Otčenašek. Reviewed by P. Pronin). Slaviane no. 9:58-60 S '56.

OUTBOARD MOTORBOATS
Tikhomirov, I. N. [Outboard motor] Podvesnye lodochnye motory. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 106 p.

OVARIES
Changes in the pituitary and in the sex glands in goiter cases in Bucovina. A. A. Dikshtein. Probl. endok. i gorm. 2 no. 1:32-34 Ja-F '56.
Ovary development in Soviet merino ewes in the intrauterine period. E. F. Petkarpova. Dokl. AN SSSR 109 no. 4:865-868 Ag '56.
Physiological changes in the system caused by X-irradiation of the gonads. L. A. Kashchenko, A. D. Pushnitsyna. Vest. rent. i rad. 31 no. 4:3-11 Jl-Ag '56.

OVERPOTENTIAL see Overvoltage

OVERTIME
Overtime brings the owner profit. A. Mack. Vaem. prof. dvizh. no. 7:36-37 Jl '56.

OVERVOLTAGE
Overvoltage in the electrolytic separation of metals and the zero points. L. I. Antropov. Usp. khim. 25 no. 8:1043-1056 Ag '56.

OVULATION
Is the anovulatory cycle a physiological or a pathological process. E. I. Kvater. Probl. endok. i gorm. 2 no. 1: 88-95 Ja-F '56.

OWLS see subdivision under Kiev

OXFORD, ENGLAND—STUDENTS
A day at Oxford. Jeff Richman. Vaem. stud. nov. 10 no. 8:5-6 Ag '56.

OXIDASES
Action of light and glycolate upon the glycolic acid oxidase in plants (to the problem of the so-called "adaptation" of seedlings). P. A. Kolesnikov, S. V. Emenova. Dokl. AN SSSR 109 no. 1:152-155 Jl-Ag '56.
Catalase and peroxidase in intestinal juice. K. P. Petrov. Fiziol. zhur. 42 no. 7:590-591 Jl '56.

OXIDATION
Certain regularities and mechanism of the oxidation of solid refractory titanium compounds. G. V. Samsonov, N. K. Golubeva. Zhur. fiz. khim. 30 no. 6:1258-1260 Je '56.
Chemical mechanism of propane oxidation in the gas phase. V. M. Byr'ko, K. E. Kruglikova, A. F. Lukovnikov. Dokl. AN SSSR 108 no. 6:1093-1095 Je '56.
Conference on the kinetics and chemism of oxidation of hydrocarbons in liquid phase. A. A. Gureev. Khim. i tekh. topl. no. 8:60-72 Ag '56.
Heterogeneous and homogeneous mechanism underlying a catalytic oxidation of ammonia. Dim. Vladov. Dokl. AN SSSR 109 no. 3:561-564 Jl '56.
Influence of pressure on the formation of intermediate products in the oxidation of propane. A. S. Badrilan, M. S. Furman. Dokl. AN SSSR 108 no. 5:861-863 Je '56.
Measurement of the quantum yield in the oxidation of methane, sensitized by mercury. A. B. Nalbandian. Dokl. AN Arm. SSR 9 no. 3:101-103 '48.
Mechanism of the electrochemical formation of chlorine oxygenous compounds at a smooth platinum electrode. Part 2. Study of the oxidation of the chlorion by means of alternating currents. L. M. Elina, T. I. Borisova, T. S. Filippov. Zhur. fiz. khim. 30 no. 6:1262-1290 Je '56.

OXIDATION (Continued)
Oxidation of carbonyl compounds with hydrogen peroxide and per acids. V. N. Belov, L. A. Kheifits. Usp. khim. 25 no. 8:969-1042 Ag '56.

Oxidation of sulfides with hydrogen peroxide. E. N. Karaulova, G. D. Gal'pern. Khim. i tekh. topl. no. 9: 39-44 S '56.

Possibility and accuracy of determining the rate of oxidation for cuprous chloride in a complex salt solution by measuring the conductivity. O. A. Chaltykian, G. S. Chtain, G. Darbinian. Nauch. trudy Erev. un. no. 53:95-103 '56.

Use of pure oxygen as oxidizer. S. O. Skvortsov. Gidroliz. lesokhim. prom. 9 no. 6:29 '56.

OXIDATION—REDUCTION REACTION
Certain irregularities of the redoxo reactions. N. A. Tananaev. Zhur. neorg. khim. 1 no. 1:27-29 [Jan.] '56.

Reducing powers of tetracyanomolybdates. K. N. Mikhalevich. Nauch. zap. LPI no. 29:51-62 '55.

OXIDATION, PHYSIOLOGICAL
Erthrocyte weight coefficient as an indicator of oxidation intensity in animals. I. P. Mishchenko. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:89-100 '55.

Oxidation and metabolism of adrenaline in the adrenals and kidneys and the neural regulation of these processes. Report no. 2: Effect of urea and tyramine on the oxidation of adrenaline. A. V. TSukernyk. Ukr. biokhim. zhur. 28 no. 3:338-353 '56.

OXIDATION-REDUCTION REACTION
Mechanism of action of heterohemotransfusion. Report no. 1: Changes in the oxidation-reduction potentials of the blood and tissues due to heterohemotransfusion. M. N. Levchenko. Fiziol. zhur. [Ukr.] 2 no. 3:169-175 My-Je '56.

Study of the oxidation-reduction potential of soils and subsoils for petroleum prospecting purposes. P. S. Slavin. Geokhim. met. poisk. nefti i gaza no. 2:103-110 '54.

OXIDES
Determining the structure of molecules of gaseous metallic oxides formed during an electric discharge in gas. A. I. Andrievskii, I. V. Kutovyi. Nauch. zap. LPI no. 29: 7-13 '55.

Formation of sulfides during the interaction of ferrous sulfide with metal oxides. Zh. L. Vert, M. V. Kamentsev. Zhur. neorg. khim. 1 no. 3:489-498 Mr '56.

Interaction of lead oxide with antimony oxides. G. G. Urazov, E. I. Speranskaia. Zhur. neorg. khim. 1 no. 6:1418-1429 Je '56.

Investigation of heterocyclic N-oxides. The dipole moments and chemical features of N-oxides of certain heterocyclic compounds. Z. V. Pushkareva, L. V. Variukhina, Z. IU. Kokoshko. Dokl. AN SSSR 108 no. 6: 1098-1101 Je '56.

Physicochemical study of metal oxides and hydroxides. E. IA. Rode. Zhur. neorg. khim. 1 no. 6:1430-1439 Je '56.

Physicochemical study of the interaction of lead oxide with antimony and tin oxides. G. G. Urazov, E. I. Speranskaia, Z. F. Gulianitskaia. Zhur. neorg. khim. 1 no. 6: 1413-1417 Je '56.

Reduction of niobium and tantalum pentoxides with hydrogen. A. V. Lapitskii, IU. P. Simanov, E. P. Artamonova. Zhur. neorg. khim. 1 no. 4:641-649 Ap '56.

Study of the catalytic activity of certain oxides of metals in synthesis from carbon monoxide and hydrogen. A. N. Bashkirov, S. M. Loktev, G. V. Sabirova. Trudy Inst. nefti. 8:168-175 '56.

Study of the dissolving action of water and of mineral acids on niobium and tantalum pentoxides. A. V. Lapitskii, L. A. Pospelova, E. P. Artamonova. Zhur. neorg. khim. 1 no. 4:650-659 Ap '56.

Surface tension of simple oxide systems. S. I. Popel', O. A. Esin. Zhur. fiz. khim. 30 no. 6:1193-1201 Je '56.

OXIDIZING AGENTS
Production of rimmed steel with addition of ferromanganese in the ladle. I. S. Markhovskii, V. F. Mazov. Stal' 16 no. 8:697-699 Ag '56.

[illegible]omethine dyes derived from [illegible]rt 2. M. S. Kisteneva. Zhur. [illegible] 1 '56.

[illegible]hkin, E. A. Kro-[illegible]56 Je '56.

use of oxycaine in surgery. D. A. Daniel'bek. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 8:29-35 Ag '56.

OXYGEN
Copper in the elimination of oxygen from a mixture containing inert gases. N. S. Torocheshnikov and others. Khim. prom. no. 4:224-230 Je '56.

Photometric determination of the degree of oxygen saturation of the blood. I. S. Balakhovskii. Vop. med. khim. 2 no. 4:316-317 Jl-Ag '56.

Separation of oxygen by the polarographic action of saturated hydrocarbon. O. Y. Komlev. Nauk. zap. L'viv. un. 34:141-142 '55.

Specific heat of solid oxygen between 20° and 40° K. M. O. Kostriukova. Zhur. i teor. fiz. 30 no. 6:1162-1164 Je '56.

Using dunite for thorough removal of oxygen from inert gases. R. E. Esenberlin. Khim. prom. no. 4:244-245 Je '56.

OXYGEN—INDUSTRIAL APPLICATIONS
Conference on the use of oxygen in open-hearth furnaces. V. E. Levchenko. Metallurg no. 8:34-35 Ag '56

Intercollegiate scientific conference on the use of oxygen in metallurgy. E. Tret'iakov. Metallurg no. 8:35-36 Ag '56.

OXYGEN—ISOTOPES
Isotopic oxygen exchange between a free hydroxyl radical and water. I. A. Kazarnovskii, N. P. Lipikhin, M. V. Tikhomirov. Zhur. fiz. khim. 30 no. 6:1429-1430 Je '56.

OXYGEN—PHYSIOLOGICAL EFFECT
Effect of intense aeration on the multiplication dynamics of Escherichia coli in a liquid medium. S. A. Anatolii. Mikrobiologiia 25 no. 3:286-292 My-Je '56.

OXYGEN—THERAPEUTIC USE
Attachment for the KP-14 oxygen apparatus for giving oxygen to sick. IA. M. Trodler. Voen.-med. zhur. no. 10:82-83 O '55.

Effect of oxygen therapy on blood gas content in pulmonary cancer [with summary in English, p. 159]. L. M. Sidorova. Vest. khir. 77 no. 7:82-86 Jl '56.

Expulsion of ascarids by oxygen. A. M. Korolev. Fel'd. i akush. 21 no. 7:44-45 Jl '56.

Modification in the alkaline reserve during oxygen therapy of pulmonary emphysema with respiratory insufficiency. V. A. Grigor'eva. Terap. arkh. 28 no. 5:47-55 '56

OXYGEN IN THE BODY
Studying the absorption of oxygen by ovicells and zygotes in rabbits. M. V. Sytina. Dokl. Akad. sel'khoz. 21 no. 9:11-13 '56.

OXYGEN WELDING AND CUTTING see Gas welding and cutting

OXYHEMOGLOBIN
Biological means of deoxidizing oxyhemoglobin. V. M. Chistiakov. Est. v shkole no. 5:79-80 S-O '56.

OXYMURIATIC ACID see Chlorine

OXYTETRACYCLINE
Terramycin for treating bee colonies affected with American foul brood. E. M. Danilkovich. Pchelovodstvo 33 no. 10:34-38 O '56.

OZOCERITE
(see also subdivision under Minusinsk Basin)
Practice of using ozocerite, in a feldsher-midwife station. G. M. Sagalov. Fel'd. i akush. 21 no. 9: 38-39 S '56.

OZONE
(see also subdivision under Alma-Ata)
Investigation of atmospheric ozone. M. G. Karimov. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:214-218 '55.

PACIFIC OCEAN—MARINE BIOLOGY
Structure of the biogeographical boundary between the boreal and tropical pelagic regions of the northwestern part of the ocean. K. V. Beklemishev, G. I. Semina. Dokl. AN SSSR 108 no. 6:1057-1060 Je '56.

PACIFIC OCEAN—MARINE FAUNA
"Vitiaz'" in the tropics. L. A. Ponomareva. Nauka i zhizn' no. 9:42-44 S '56.

PACIFIC OCEAN—OCEANOGRAPHIC RESEARCH
The latest oceanographic studies of the northwestern Pacific Ocean. L. A. Zenkevich. Izv. AN SSSR. Ser. geog. no. 4:26-37 Jl-Ag '56.

PACIFIC OCEAN—PLANKTON
Phytoplankton of the northwestern part of the Pacific. L. I. Smirnova. Dokl. AN SSSR 109 no. 3:649-652 Jl '56.

PACIFIC OCEAN—VOLCANOES
Foreign volcanological research in the Pacific Ocean. V. I. Vlodavets. Biul. Vulk. sta. no. 24:68-69 '56.

PACIFIC OCEAN—ZOOPLANKTON
Zooplankton of tropical waters and the frontal region in the northwestern parts of the Pacific Ocean. L. A. Ponomareva, K. V. Beklemishev. Dokl. AN SSSR 109 no. 4:868-872 Ag '56.

PACKING
Kurnin, D.N. [The packing and wrapping of merchandise in foreign countries] Fasovka i upakovka tovarov za rubezhom. Moskva, Gos. izd-vo torgovoi lit-ry, 1956, 49 p.

PACKING (MECHANICAL ENGINEERING)
Packing rotating shafts of submersible electric machinery. N. D. Shcherbiuk. Energ. biul. no. 7:16-18 Jl '56.

Test use of stuffing box face packings for shafts. N. D. Shcherbiuk. Vest. mash. 36 no. 8:34-35 '56.

PACKING FOR SHIPMENT
A steel-band strapping gadget for packing boxes. A. K. Bogorodskii. Stan. i instr. 27 no. 7:44-45 Jl '56.

PACKING HOUSE WORKERS—DISEASES AND PESTS
Industrial epidemic of tularemia among workers of a meat canning combine. S. M. Smirnov. Zhur. mikrobiol. epid. i immun. 27 no. 9:37-43 S '56.

PACKING HOUSES—AIR CONDITIONING
How to use the radiator for air cooling in industrial plants. I. Skokan, V. TSibanov. Mias. ind. SSSR 27 no. 4:52-53 S '56.

PAINT
Suggestions for greater efficiency. Sel'. stroi. 11 no. 8 28 Ag '56.

PAINTING see subdivision under Lvov

PAINTING, DECORATIVE see Art, Decorative; Decoration and ornament

PAINTING, INDUSTRIAL
Vasil'ev, L. P., and V. A. Loilanov. [Mechanization of painting and drying in machine building] Mekhanizatsiia okrashivaniia i sushki v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 277 p.

PAINTING, SPRAY see Spray painting

PAINTINGS—EXHIBITIONS see subdivision under Tennessee

PAINTINGS, CHINESE
[Modern Chinese art] Iskusstvo sovremennogo Kitaia. [Moskva, Izogiz, 1956] [4] p., 10 post cards (in portfolio)

PAINTINGS, INDIAN
[Fine arts of India] Izobrazitel'noe iskusstvo Indii. [Moskva, Izogiz, 1956] [4] p., 12 post cards (in portfolio)

PAINTINGS, UKRAINIAN
Across the seas and oceans; creative journey of the painter P. Sulymenko. H. Portnov. Ukraina no. 17:16b-16c S '56.

PAKHTUSOV, PETR KUZ'MICH, 1799-1835
[Diaries of K. P. Pakhtusov and S. A. Moiseev] Dnevnye zapiski P. K. Pakhtusova i S. A. Moiseeva. Moskva, Gos. izd-vo geogr. lit-ry, 1956.

PAKISTAN—COMMERCE—RUSSIA
Trade agreement between the government of the U. S. S. R. and the government of the Islamic Republic of Pakistan. Vnesh. torg. 36 no. 6:23-25 Ag '56.

PALEOBOTANY see subdivision under Altai Mountain region; Dnepropetrovsk; India; Kama Valley; Soviet Central Asia; Turgay Gates; Volga Delta

PALEOGEOGRAPHY
Pidoplichenko, I. G., and P. S. Makeev. [Climates and landscapes of past ages] O klimatakh i landshaftakh proshlogo. Kiev, Izd-vo Akademii nauk USSR. No. 2. 1956. 172 p.

PALEONTOLOGY
(see also subdivision under Binagadaly; Dnepropetrovsk District; Dniester Valley)
Levites, IA.M. [Historical geology and the principles of paleontology] Istoricheskaia geologiia s osnovami paleontologii. Moskva, Gos. nauchno-tekhn. izd-vo, lit-ry po geol. i okhrane nedr, 1956. 314 p.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Azerbaijan; Inta Valley; Kara-Chatyr Mountains; Kuruil Valley

PALLADIUM COMPOUNDS
Some new data on the exchange of acid residues in compounds of the $K_2[PdX_4]$ type. A. A. Grinberg, L. I. Nikol'skaia, N. V. Kiselova. Zhur. neorg. khim. 1 no. 2:220-224 F '56.

PALLADIUM-COPPER-COBALT ALLOYS
Study of the system: palladium — copper — cobalt. A. T. Grigor'ev and others. Zhur. neorg. khim. 1 no. 5:1067-1073 My '56.

PALLADIUM-GOLD-COBALT ALLOYS
Study of the system: palladium — gold — cobalt. A. T. Grigor'ev and others. Zhur. neorg. khim. 1 no. 5:1052-1063 My '56.

PALPITATION OF THE HEART see Heart—Palpitation

PAMIR LANGUAGES
Pamir-Tajik linguistic relations. A. Z. Rozenfel'd. Trudy Inst. iaz. 6:273-280 '56.

PAMIRS
The interrelation of the Pamirs and southern Tien Shan. R. B. Baratov, S. A. Zakharov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:3-11 '56.

PAMIRS—ALPINE FLORA
Dependence of the population age among mountain subshrubs on absolute altitude. K. V. Staniukovich. Dokl. AN Tadzh. SSR no. 1:39-42 '56.
Formation of undershrub growth forms in the high Pamirs. A. P. Steshenko. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:143-148 '55.

PAMIRS—BIRDS
Pamir ornithofauna. R. L. Potapov. Dokl. AN Tadzh. SSR no. 15:57-62 '56.

PAMIRS—CATALASE
Thermal coefficients of catalase in Pamirs plants. O. A. Samikhatova. Izv. Otd. est. nauk AN Tadzh. SSR no. 1: 9-19 '52.

PAMIRS—DIPTERA
Diptera of the southwestern Pamirs. I. D. Belanovskii. Nauk. zap. Kiev. un. 9 no. 6:133-143 '50.

PAMIRS—FLEAS
Study of fleas of rodents in the eastern Pamirs. L. N. Klassovskii, E. L. Berendineva. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:185-192 '55.

PAMIRS—GEOPHYSICS
Physical nature of the gravitational field in the Pamirs and Tien Shan. P. IA. Galushko. Nauk. zap. Kiev. un. 12 no. 4:93-96 '53.

PAMIRS—GRASSES
Composition and nutritive value of grasses of the Eastern Pamirs. M. I. Pokhachek. Trudy AN Tadz. SSR 3:5-77 '52.

PAMIRS—MULBERRY
Effects of the seeds' origin on the development of one-year mulberry tree seedlings in the Pamirs botanical garden. L. F. Ostapovich. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:77-79 '52.

PAMIRS—PLANTS, EFFECT OF TEMPERATURE ON
Studying frost-resisting properties of alpine Pamirs plants in connection with the contents of nonfreezing water. M. M. Tiurina. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:33-40 '52.

PAMIRS—ROCKS, IGNEOUS
Petrology of lower Paleozoic greenstone in the northwestern Pamirs. M. Kh. Khamidov. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:21-30 '55.
Petrology of Mesozoic intrusions of basic rock in the western Pamirs. M. Kh. Khamidov. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:31-41 '55.

PAMIRS—STIPA
Biology and longevity of stipa ginreosa in high-mountain parts of the Pamirs. A. P. Steshenko. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:41-49 '52.

PAMIRS—TROPICAL PLANTS
Ludwigia parviflora Roxb. -a new plant in the U. S. S. R. K. S. Afonas'ev. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:81-82 '52.

PAMIRS—ZOOGEOGRAPHY
Materials on the zoogeography of the Pamirs. A. B. Kistiakovskii. Nauk. zap. Kiev. un. 9 no. 6:5-58 '50.

PANAMA CANAL
Controversy over the Panama Canal. G. Tavrov. Mezhdunar. zhizn' no. 9:132-134 S '56.
How Professor Guernier tried to assist Dulles. V. Durdenevskii. Nov. vrem. 14 no. 40:14-16 S '56.

PANAMA CONFERENCE, 1956
Conference in Panama. Mezhdunar. zhizn' no. 9:112-114 S '56.

PANCHANKA, PIMEN EMEL'IANAVICH, 1917-
Lyric verse of Pimen Panchanka. N. Blarozkin. Polymia 34 no. 8:132-152 Ag '56.

PANCREAS
Results of lipocaine therapy in some diseases of the liver. Z. A. Bondar', E. L. Nazaretian, I. S. Priss. Probl. endok. i gorm. 2 no. 1:51-63 Ja-F '56.
Secretory role of the epithelium of pancreatic excretory ducts. G. N. Voronin. Dokl. AN SSSR 109 no. 4:862-864 Ag '56.

PANCREAS—INNERVATION
Effects of nerve stimulation of the pancreas on arterial pressure. N. P. Speranskaia. Probl. endok. i gorm. 2 no. 3:3-7 My-Je '56.

PANFILOVO (STALINGRAD PROVINCE)
Collective labor agreement in practice. A. Pavelko. Sov. profsoiuzy 4 no. 8:28-30 Ag '56.

PANFILOVO (STALINGRAD PROVINCE)—COMMUNITY CENTERS
"Red corner" for machine operators. F. Tereshchenko. Sov. profsoiuzy 4 no. 8:31-33 Ag '56.

PANFILOVO (STALINGRAD PROVINCE)—MACHINE-TRACTOR STATIONS
Active trade-union workers are the main work support. G. Novatskii. Sov. profsoiuzy 4 no. 8:36-38 Ag '56.
Each tractor operator is kept in sight. P. Kalugin. Sov. profsoiuzy 4 no. 8:33-34 Ag '56.
If you promised, you must keep your word. F. Melikhov. Sov. profsoiuzy 4 no. 8:24-26 Ag '56.
Our general meetings. I. Makarov. Sov. profsoiuzy 4 no. 8:30-31 Ag '56.

PANFILOVO (STALINGRAD PROVINCE)—MACHINE-TRACTOR STATIONS—SAFETY MEASURES
Public inspection of industrial safety. N. Miroshnichenko. Sov. profsoiuzy 4 no. 8:27-28 Ag '56.

PANFILOVO (STALINGRAD PROVINCE)—SOCIAL GROUP WORK
Cultural work in the field. A. Pankul. Sov. profsoiuzy 4 no. 8:34-35 Ag '56.

PANJ VALLEY—BOTANY
Formation of sands at Vakhan and their vegetation. O. E. Agakhanians. Izv. Otd. est. nauk AN Tadzh. SSR no. 13: 29-41 '56.

PANJ VALLEY—SAND
Formation of sands at Vakhan and their vegetation. O. E. Agakhanians. Izv. Otd. est. nauk AN Tadzh. SSR no. 13: 29-41 '56.

PANTIUSHIN, VASILII SERGEEVICH, 1906-
Professor V. S. Pantiushin. V. A. Golubtsova and others. Elektrichestvo no. 7:93 Jl '56.

PAPAVERINE
Effect of papaverine on tissue respiration. A. A. Pykhtina. Farm. i toks. 19 no. 4:27-30 Jl-Ag '56.

PAPER
Improve the quality of paper used for labels. N. V. Riukhin, E. M. Berkman. Bum. prom. 31 no. 7:15-16 Jl '56.

PAPER—TESTING
Rapid method of determining the moisture content of paper. A. G. Dibrova. Bum. prom. 31 no. 8:14-15 Ag '56.

PAPER COATINGS
Quality of chalk-coated paper. V. K. Petrushko, L. G. Sadchikova. Bum. prom. 31 no. 8:21-22 Ag '56.

PAPER INDUSTRY
(see also subdivision under India; Kaliningrad Province)
Fully satisfy the country's needs in paper, paperboard and paperpulp. Bum. prom. 31 no. 7:3-5 Jl '56.
In the Scientific and Technical Association of Paper and Woodworking Industries. Bum. prom. 31 no. 7:30 Jl '56.
Machine for gluing aluminum foil to paper. P. V. Mironov. Bum. prom. 31 no. 8:23 '56.
Method of moistening thin paper. A. E. Shaballin. Bum. prom. 31 no. 8:17-18 Ag '56.
New technological processes should be made available to industry. Bum. prom. 31 no. 8:3-4 Ag '56.

PAPER INDUSTRY—ACCOUNTING
Planning, accounting and evaluating the output of paper. A. V. Chirkov. Bum. prom. 31 no. 8:24 Ag '56.

PAPER INDUSTRY—BIBLIOGRAPHY see Bibliography—Paper industry

PAPER INDUSTRY—BOOK REVIEWS
Valuable aid for a wide group of workers in the woodpulp and paper industries. ("A paper maker's handbook." Reviewed by M. M. Kopanitsev). Bum. prom. 31 no. 7: 31-32 Jl '56.

PAPER SIZING see Sizing (Paper)

PAPERBOARD
Darovskii, B. S. [Cardboard manufacture] Proizvodstvo kartona. Moskva, Goslesbumizdat, 1956. 196 p.
Paperboard from cattail and reed. N. Golovanov. Prom. koop. no. 8:12-13 Ag '56.

PAPERMAKING MACHINERY
(see also subdivision under Poland; United States)
Classification of vibration strainers. V. M. Vanchakov. Bum. prom. 31 no. 8:13-14 Ag '56.
Mobile bar of a roll and its operation. P. N. Mikhailov. Bum. prom. 31 no. 7:13-15 Jl '56.
Productivity standards of papermaking machines. S. N. Ivanov. Bum. prom. 31 no. 7:9-12 Jl '56.
Small-scale mechanization of hard and labor consuming tasks. V. S. Smirnov. Bum. prom. 31 no. 8:22-23 Ag '56.
Some inexactitudes in methodological directives. A. L. Avdeev. Bum. prom. 31 no. 8:32 Ag '56.

PAPIER-MÂCHÉ
As our grandfathers used to do. M. Bobin. Prom. koop. no. 9:20 S '56.

PARADOKSOV, LEONID FEDOROVICH, 1890-1954
Professor Leonid Fedorovich Paradoksov; obituary. Trudy AN Tadzh. SSR 40:3-4 '55.

PARAFFINS
Differential thermal study of complexing in the system: urea - N-paraffin. A. V. Topchiev, and others. Zhur. neorg. khim. 1 no. 6:1185-1193 Je '56.
Effect of the composition of paraffins on the yield and quality of synthetic fatty acids obtained from them. N. K. Man'kovskaia, I. V. Barsegian, G. I. Moskvina. Masl.-zhir. prom. 22 no. 6:20-24 '56.
Evaporation heats, vapour pressures and boiling points of paraffins (alkanes). V. M. Tatevskii. Dokl. AN SSSR 109 no. 1:131-134 Jl-Ag '56.
Primary radical formation in the vapor-phase nitration of alkanes by nitrogen dioxide. A. V. Topchiev, N. N. Kaptsov. Izv. AN SSSR. Otd. khim. nauk no. 7:803-808 Jl '56.
Saponification of oxidized paraffin with sodium carbonate under pressure. M. P. Besplatov. Masl.-zhir. prom. 22 no. 6:24-26 '56.
Some thermal properties of paraffin hydrocarbons. A. K. Abaszade. Dokl. AN Azerb. SSR 12 no. 7:449-452 '56.
Synthesis of higher $\alpha,\beta,\omega,\omega$-tetrachloralkanes and 1, 1, 1-trichloralkanes. A. N. Nesmeianov and others. Dokl. AN SSSR 109 no. 4:791-793 Ag '56.

PARAFFINS—SPECTRA
Determination of the branching degree of paraffin hydrocarbons of the $C_{12}$ - $C_{16}$ composition by the method of infrared spectroscopy [with English summary in insert]. IU. P. Egorov, A. A. Petrov. Zhur. anal. khim. 11 no. 4: 483-488 Jl-Ag '56.

PARAGUAY—DESCRIPTION AND TRAVEL
Paraguay, the faraway country. Mol. kolkh. 23 no. 8:26 Ag '56.

PARAKHOVATAIA, ANASTASIIA NIKOLAEVNA
Midwife A. N. Parakhovataia. M. K. Aleksandrin. Fel'd. i akush. 21 no. 9:58 S '56.

PARALYSIS
Prevention of ischemic spinal paralysis by shunts; experimental research [with summary in English, p. 158-159]. V. A. Arkatov. Vest. khir. 77 no. 7:57-64 Jl '56.

PARALYSIS, INFANTILE see Poliomyelitis

PARASITES see subdivision under Dnieper River

PARASITES—AMPHIBIA
Worms parasitic on the amphibians of Tajikistan. E. F. Sosnina. Trudy AN Tadzh. SSR 5:109-117 '52.

PARASITES—BATS
(see also subdivision under Ukraine)
Occurrence of Ixodes vespertilionis Koch, 1844 (Acarina, Ixodidae) in the Armenian S. S. R. A. M. Ogandzhanian. Dokl. AN Arm. SSR 10 no. 5:219-221 '49.

PARASITES—BEARS
On the study of helminths of the Caucasian bear (Ursus arctos caucasicus Smirn., 1919) and discovery of Gongylonema pulchrum (Mol., 1860) parasite on it. R. S. Shul'ts, D. I. Kastorskii. Dokl. AN Arm. SSR 11 no. 3:99-104 '49.

PARASITES—BEAVERS
Types of helminths infesting river beavers in the White Russian S. S. R. N. I. Fomicheva. Trudy VNIO no. 10: 166-174 '56.

PARASITES—BIRDS
Feather mites parasitic on birds wintering in southern Tajikistan. V. B. Dubinin, E. F. Sosnina. Trudy AN Tadzh. SSR 5:97-108 '52.
Materials on trematodes in fish-eating birds in the Central Dnieper Valley. L. A. Smogorzhevskaia. Nauk. zap. Kiev. un. 12 no. 7:159-172 '53.
New distribution foci of the tick Ornithodorus talaje Guérin-Méneville, 1849 found in the U. S. S. R. G. S. Pervomaiskii, K. P. Chagin, S. T. Boldyrev. Dokl. AN SSSR 109 no. 1:238-249 Jl-Ag '56.

PARASITES—BLOOD see Blood—Parasites

PARASITES—DOMESTIC ANIMALS
Study of ticks species of the Ixodoidea superfamily in Kirghizia. R. V. Grebeniuk. Trudy Biol. Inst. KirFAN SSSR no. 4:119-123 '51.

PARASITES—FISHES
(see also subdivision under Ukraine; Zalolot'ye District; Zalozhitsy District)
Helminthic fauna in Dnieper fishes in the region of the city of Kanev. O. P. Markevych. Nauk. zap. Kiev. un. 8 no. 6:1-12 '49.
Parasite fauna in fishes in the Berezhany fish ponds and measures for its control. M. A. Palii. Nauk. zap. L'viv. un. 26:64-79 '54.
Parasitofauna of endemic relict fishes. A. S. Chernyshenko. Zool. zhur. 35 no. 8:1261 Ag '56.

PARASITES—MAMMALS
New nematodes (Metastrongylus taciauricus, n. sp.) parasiting in wild boars in Georgia. L. I. Kolava. Soob. AN Gruz. SSR 17 no. 6:527-530 '56.

PARASITES—REPTILES see under subdivision Kara Kum

PARASITES—RODENTIA

Fleas of Tajikistan. I. G. Ioff, E. F. Sosnina. Trudy AN Tadzh. SSR 5:87-96 '52.

Study of fleas of rodents in the eastern Pamirs. L. N. Klassovskii, E. L. Berendiaeva. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:185-192 '55.

PARASITES—RUMINANTIA

Helminthic fauna in ruminantia of the Gorno-Badakhshan Autonomous Province. E. A. Muratov. Dokl. AN Tadzh. SSR no. 5:41-44 '52.

PARASITES—SCALE INSECTS

Some hymenoptera (Chalcidoidea and Serphoidea) parasites of scale insects in the Maritime Territory. B. M Chumakova. Ent. oboz. 35 no. 1:109-119 '56.

PARASITOLOGICAL SOCIETIES see subdivision under Poland

PARASITOLOGY
(see also subdivision under Azerbaijan; Kazakhstan; Ukraine)

All-Union congress on the control of parasitic diseases. N. N. Dukhanina. Med. paraz. i paraz. bol. 25 no. 3:275-281 Jl-S '56.

Results of combatting malaria and other parasitic diseases in the R. S. F. S. R. during the period 1951-55 and tasks for 1956-60. A. S. Kovtun. Med. paraz. i paraz. bol. 25 no. 3:202-206 Jl-S '56.

Results of combatting parasitic diseases during the period 1951-55 and tasks for 1956-60. M. A. Buslaev. Med. paraz. i paraz. bol. 25 no. 3:195-202 Jl-S '56.

Scientific conference at the All-Union congress on the control of parasitic diseases of the Ministry of Public Health of the U. S. S. R. L. E. Chalaia. Med. paraz. i paraz. bol. 25 no. 3:281-286 Jl-S '56.

PARASITOLOGY—SOCIETIES see subdivision under Ukraine

PARATHION

Parathion for the disinfection of storages. N. I. Efremova, M. S. Malinina. Zashch. rast. ot vred. i bol. 1 no. 3: 28-29 Jl-Ag '56.

PARATYPHOID FEVER

Course of paratyphoid infection in animals subjected to general X-ray irradiation. V. N. Siverieva. Med. rad. 1 no. 3:52-59 My-Je '56.

Effectiveness of biomycin in paratyphoid fever in calves. N. I. Ovsianov. Veterinariia 33 no. 9:38-39 S '56.

Preliminary data on the development of bacterial carriage in the typhoid-paratyphoid diseases. G. M. Kapnik, L. I. Kapnik, IA. E. Timen. Zhur. mikrobiol. epid. i immun. 27 no. 8:77-83 Ag '56.

Rapid diagnosis of paratyphoid in calves by the precipitation reaction [in Azerbaijani with summary in Russian]. A. M. Akhmedov. Izv. AN Azerb. SSR no. 7:89-95 Jl '56.

PARATHYPHOID FEVER—PREVENTIVE INOCULATION

Bacteriophage against paratyphoid fever and colibacillosis in calves. I. F. Kvesitadze. Veterinariia 33 no. 9:32-34 S '56.

PARATHYROID GLANDS—BLOOD SUPPLY

Parathyroid arterial blood supply [with summary in English, p. 160]. V. V. Dobrelsov. Vest. khir. 77 no. 7:99-103 Jl '56.

PARCHMENT

Some peculiarities of producing imitation parchment. (From "La Papeterie" no. 2, 1955). R. R. Bum. prom. 31 no. 7:28-29 Jl '56.

PARENAGO, PAVEL PETROVICH, 1906-

Fiftieth birthday of P. P. Parenago. Astron. tsirk. no. 169:23 '56.

PARENT AND CHILD

They will have their own families. V. Mikhailova. Sem'ia i shkola 11 no. 10:7-9 O '56.

PARENTS AND TEACHER'S ASSOCIATIONS see subdivision under Gorkiy; Moscow; Moskvoretskiy District

PARIS—THEATER

A French director on his theater. Jean Wilar. Nov. vrem. 14 no. 42:25-26 O '56.

PARIS—THEATER—HISTORY

"Power of darkness" by L. Tolstoi on the Paris stage. O. V. Timofeeva. Nauk. zap. L'viv. un. 30:53-65 '55.

PARKS see subdivision under Ukraine

PARMELIN, HÉLÈNE

Difficult decisions ("Le Diplodocus; a novel" [in French]. Hélène Parmelin. Reviewed by L. Zonina). Inostr. lit. no. 8:182-185 Ag '56.

PARROTS

Parakeets. A. V. Zhukovskii. Vokrug sveta no. 8:13 Ag '56.

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

Motion of electrons in cyclic accelerators as a stochastic process. A. N. Matveev. Dokl. AN SSSR 109 no. 3:495-498 Jl '56.

On the theory of strong focusing. E. L. Burshtein, L. S. Solov'ev. Dokl. AN SSSR 109 no. 4:721-724 Ag '56.

Significance of compensation of radiative losses in cyclic accelerators. A. A. Kolomenskii, A. N. Lebedev. Zhur. eksp. i teor. fiz. 30 no. 6:1161-1162 Je '56.

Using particle accelerators for defectoscopy and radioscopy of thick-walled objects. A. A. Vorob'ev, V. A. Moskalev. Vest. mash. 36 no. 9:62-65 S '56.

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES, ELEMENTARY

Angular correlation in cascade decay of hyperons. V. B. Beresteteskii, V. P. Ignatenko. Zhur. eksp. i teor. fiz. 30 no. 6:1169-1171 Je '56.

Dispersion relation for Fermi particles. V. Fainberg, E. Fradkin. Dokl. AN SSSR 109 no. 3:507-510 Jl '56.

General theory of statistical equilibrium of a system of interacting particles. A. E. Glauberman. Zhur. eksp. i teor. fiz. 30 no. 6:1084-1091 Je '56.

Generalization of the method of auxiliary variables. D. N. Zubarev. Dokl. AN SSSR 109 no. 3:489-492 Jl '56.

Isotopic invariance and "strange" particles. L. B. Okun'. Zhur. eksp. i teor. fiz. 30 no. 6:1172-1173 Je '56.

Mechanical phase analyzers for the treatment of experimental data on scattering of particles without a spin by particles with a spin of 0 or 1/2. N. P. Klepikov. Zhur. eksp. i teor. fiz. 30 no. 6:1155-1158 Je '56.

On the S-matrix for particles with arbitrary spin. V. I. Karpman. Zhur. eksp. i teor. fiz. 30 no. 6:1104-1111 Je '56.

Possible states of a two-graviton system. V. A. Zhirnov, IU. M Shirokov. Zhur. eksp. i teor. fiz. 30 no. 6:1098-1103 Je '56.

Theory of a Fermi-liquid. L. D. Landau. Zhur. eksp. i teor. fiz. 30 no. 6:1058-1064 Je '56.

PARTRIDGES

Moulting of the black partridge (Francolinus francolinus L.) A. K. Rustamov. Zool. zhur. 35 no. 8:1202-1204 Ag '56.

What grey partridges feed on. V. Kurbatov. Okh. i okh. khoz. no. 8:26 Ag '56.

PASHKEVYCH, STEPANYDA OMELIANIVNA, 1889-1953

Stepanyda Omelianivna Pashkevych; obituary. S. I. Pasternak. Nauk. zap. L'viv. un. 28:129-130 '54.

PASSIONFLOWER

Passionflower. M. M. Žilavičius. Sad i og. no. 9:75 S '56.

PASTE

Paste made of carboxymethyl ether of cellulose. M. Z. Finkel'shtein, V. A. Pospelov, I. S. Goloshchapova. Der. prom. 5 no. 8:12-13 Ag '56.

PASTEUR, LOUIS, 1822-1895

Louis Pasteur on the possibility of the origin of life from nonliving matter. S. L. Sobol'. Vop. ist. est. i tekh. no. 1:116-123 '56.

PASTEURELLA TULARENSIS see subdivision under Poland

PASTEURIZERS

Operation of pasteurizing apparatus. G. Abolmasov. Moloch. prom. 17 no. 6:15-18 '56.

Washing of plate-type pasteurizers without disassembling. P. Dolzhanov. Moloch. prom. 17 no. 6:43-44 '56.

PASTURES AND MEADOWS
(see also subdivision under Bronnitsy District; Estonia; Glissar Range; Kirghizistan; Komi A. S. S. R.; Kovel District; Noginsk District; Sayan Mountains; Soviet Central Asia; Tajikistan; White Russia; Zabalot'ye District)

Accelerated formation of meadows and the introduction of grassland crop rotation on collective farms of the Ukrainian S. S. R. N. V. Kukain. Zemledelie 4 no. 9: 96-102 S '56.

Changes in grass stands and soil brought about by the chemical control of shrubs in pastures. V. P. Bel'kov, M. G. Zeland. Agrobiologiia no. 4:128-132 Jl-Ag '56.

Improving pastures and meadows of the non-Chernozem zone. I. Minina. Kolkh. proizv. 16 no. 9:20-22 S '56.

Makarov, A.P. [The right use of pastures] Pravil'noe ispol'zovanie pastbishch. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 28 p. (V pomoshch' rabotnikam ovtse-vodcheskikh ferm Kazakhstana) (DA)

Mechanizing fall work on pastures and meadows. A. Dalin. Kolkh. proizv. 16 no. 9:37 S '56.

One hundred and twenty-eight centners of hay to the hectare. P. Efimov. Kolkh. proizv. 16 no. 9:26-28 S '56.

Take into account zonal characteristics when improving meadows. S. Smolov, I. Minina. Moloch. i miasn. zhiv. no. 3:29-34 My '56.

Use of 2, 4-D for clearing pastures of shrubs. T. Rabotnov. Kolkh. proizv. 16 no. 9:25 S '56.

Vegetation and feed resources of the Kazalinsk State Sheep Farm in Kzyl-Orda Province. N. G. Kirichenko. Trudy Inst. bot. AN Kazakh. SSR 3:125-159 '56.

PATENT LAWS AND LEGISLATION

Legal basis for the remuneration of inventors. S. N. Landkof. Nauk. zap. Kiev. un. 13 no. 5:57-64 '54.

PATENT LAWS AND LEGISLATION—HISTORY

History of Soviet patent law. S. N. Landkof. Nauk. zap. Kiev. un. 7 no. 2:71-110 '48.

PATENTS

[Bulletin on inventions.] Biulleten' izobretenii no. 7 '56.

[Bulletin on inventions.] Biulleten' izobretenii no. 8 '56.

PATHOGENIC BACTERIA see Bacteria, Pathogenic

PATHOGENIC FUNGI see subdivision 'Fungi, Pathogenic' under Kanev District

PATHOLOGICAL PHYSIOLOGY see Physiology, Pathological

PATHOLOGICAL PSYCHOLOGY see Psychology, Pathological

PATHOLOGY, SURGICAL

Surgical pathology of specific geographical regions. N. F. Berezkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:159-167 '55.

PATTERNMAKING

Making castings using meltable nonferrous-alloy casting patterns. O. A. Gorshkov. Trudy Ural. politekh. inst. no. 60:192-198 '56.

PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1892-

Sunny word ("Tale about life." K. Paustovskii. Reviewed by B. Komanovskii). IUnost' no. 10:99-100 O '56.

PAVEMENTS

Attract a wide group of specialists to the testing and improving of a theory of calculating nonrigid pavements. Avt. dor. 19 no. 8:22 Ag '56.

Blocks and slabs for pavements made of cast slags. N. A. Kartashov. Avt. dor. 19 no. 7:11-12 Jl '56.

Making pavements with the use of processed soils. A. I. Tikhii. Avt. dor. 19 no. 7:4-6 Jl '56.

Ways of eliminating shortcomings in the calculation of pavements. A. I. Voronin. Avt. dor. 19 no. 7:25-26 Jl '56.

PAVEMENTS, ASPHALT

Preparing asphalt concrete mixtures with the use of moist materials. E. I. Rakovskii. Avt. dor. 19 no. 7: 13-14 Jl '56.

PAVEMENTS, BITUMINOUS

Asphalt concrete based on bitumen, oxidized in the Provintsev device. S. V. Koldobskii, V. B. Mikhailova. Avt. dor. 19 no. 6:12 Ag '56.

PAVEMENTS, CONCRETE

Building pavements using precast reinforced concrete slabs. N. K. Luk'ianov. Avt. dor. 19 no. 8:16 Ag '56.

Russia (1923- U. S. S. R.) Ministerstvo avtomobil'nogo transporta i shossejnykh dorog. Tekhnicheskoe upravlenie. [Technical specifications for the laying asphalt concrete pavements in the city] Tekhnicheskie pravila ustroistva dorozhnykh pokrytii iz asfal'tobetona, primeniaemogo v gorodskom sostoianii. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1955. 115 p.

Use of rubber for improving the operating qualities of asphalt concrete pavements. A. I. Lysikhina. Avt. dor. 19 no. 8:10-11 Ag '56.

Using the waste products of the asbestos industry for asphalt concrete pavements. F. A. Asinkritov. Avt. dor. 19 no. 8:13 Ag '56.

PAVLIUCHENKO, M. M.

About M. M. Pavliuchenko's answer to the criticism of his theory on the mechanism of reactions in solid substances. B. V. Erofeev. Vestsi AN BSSSR Ser. fiz.-tekh. nav. no. 1:141-145 '56.

PAVLODAR—DESCRIPTION

The first year... Elena Mikulina. Novyi mir 32 no.8:189-197 Ag '56.

PAVLODAR—FOOD SUPPLY

A better supply of potatoes, vegetables, and milk for the city of Pavlodar. T. Dzhakupov. Sel'khoz. Kazakh. no.4:47-50 Ap '56.

PAVLODAR PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Observe strictly individual selection within the party. P. Zimin. Komm. Kazakh. 26 no.9:38-40 S '56.

PAVLOGRAD—OIL INDUSTRIES

Crushing and fanning shop of the Pavlograd Oil Mill. G. D. Gryzlov. Masl.-zhir. prom. 21 no.5:31-33 '56.

PAVLOV, IVAN PETROVICH, 1849-1936

Importance of I. P. Pavlov's teachings for the development of Russian biochemistry. IE. F. Sopin. Nauk. zap. Kiev. un. 13 no.6:45-54 '54.

Why Dzhol refused to take milk. A. Popovskii. Mol. Kolkh. 23 no.8:27 Ag '56.

PAVLYCHKO, DMYTRO

The second book of a young poet ("My land;" verse. Dmytro Pavlychko. Reviewed by Oksana IAshchyshyna). Vitchyzna 24 no.9:171-173 S '56.

PAYROLL ACCOUNTING see Wages—Accounting

PAZUKHIN FAMILY

Economy of the landowning Pazukhin family in the 17th and 18th centuries. E. N. Oshanina. Vop. ist. no.7: 84-92 Jl '56.

Restoration and exposition of a large felt rug from Pazyryk. N N. Semenovich. Krat. soob. IIMK no.64: 144-148 '56.

PEACE

The defense of peace is the most important basis for the collaboration of youth. S. Romanovskii. Mol. komm. 14 no.8:8-16 S '56.

For the flourishing tree of life. R. Dneprov. Zhur. Mosk. Patr. no.6:36-39 Je '56.

Letters to the editor: Cyrus Eaton on peaceful coexistence. Nov. vrem. 14 no.37:30-31 S '56.

Peace and friendship among peoples. Metropolitan Nikolai. Zhur. Mosk. Patr. no.6:22-31 Je '56.

The possibility of averting war in the present era. N. Pukhovskii. Part. zhizn' no.16:54-63 Ag '56.

Voice of the champions of truth. N. IAkovlev. Zhur. Mosk. Patr. no.6:39-40 Je '56.

PEACE AND WOMEN see Women and peace

PEACH

(see also subdivision under Caucasus, Northern)

Late fall seeding of peach. A. P. Rodionov. Izv. AN SSSR. Ser. biol. no.4:67-73 Jl-Ag '56.

Methods of altering characteristics of peaches [in Azerbaijani with summary in Russian]. A. D. Radzhably. Dokl. AN Azerb. SSR 12 no.7:513-517 '56.

Regulating the fruiting of peach trees. S. G. Bondarenko. Sad. vin. Mold. 11 no.4:28-30 Jl-Ag '56.

PEARS see subdivision under Kanev Hills

PEASANT UPRISINGS

(see also subdivision under Azerbaijan; Galicia; Philippine Islands)

New documents on the peasant war of 1773-1775 in Russia. R. V. Ovchinnikov, L. N. Slobodskikh. Ist. arkh. no.4: 127-148 Jl-Ag '56.

Study about people's uprisings in ancient Russia ("Peasants' and townsmen's insurrections in Russia during the 11th-13th centuries," M. N. Tikhomirov. Reviewed by I. Grekov). Slaviane no.10:53-60 O '56.

PEASANTRY see subdivision under Japan; Tula Province

PEASANTRY—HISTORY see subdivision under Lithuania; Ukraine; White Russia

PEAT

(see also subdivision under Siberia, Western; White Russia)

Cyclone-rotation furnace for the burning of unprocessed milled peat. V. D. Kudrin. Tekst. prom. 16 no.8:45-46 Ag '56.

Effect of peat and peat-manure mixtures on the yield of agricultural crops. F. E. Gribanov. Zemledelie 4 no.9:114-117 S '56.

Mineralization of peat. A. F. Pechkurov. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:250-256 '56.

Principles of improving the heating qualities of peat. V. H. Harachkin, A. B. Dubau. Vestsi AN BSSR Ser. fiz.-tekh. nav. no.1:95-102 '56.

Studying the processes of cutting somewhat decomposed peat deposits. A. I. Selitrankau. Vestsi AN BSSR Ser. fiz.-tekh. nav. no.1:103-110 '56.

Using peat in organomineral fertilizer mixtures. N. M. Vishniakova, R. A. Zhukova. Kukuruza 1 no.2:59-60 My '56.

Wax from peat. V. Kuprevich. Ogonek 34 no.38:12 S '56.

Winning peat for fertilizer in summer. I. Kh. Teregulov. Len. i konop. no.4:27-29 Je '56.

PEAT—ANALYSIS

Acidity of peat. M. N. Nikonov. Torf. prom. 33 no.6: 14-17 '56.

A grinder of the State Peat Inspection Commission for reducing peat samples. I. E. Belokopytov, V. V. Beresnevich. Torf. prom. 33 no.6:29-32 '56.

Microgravimetric method for determining the degree of peat decomposition. G. S. D'iachkov. Torf. prom. 33 no.6:26-28 '56.

PEAT—DRYING

Laying out excavation raw peat in undulated strips. S. D. Fradkin. Torf. prom. 33 no.6:18-20 '56.

PEAT—TRANSPORTATION

Improve the organization of peat transportation. I. P. Krasikov, K. V. Lipiagov. Torf. prom. 33 no.6:4-5 '56.

Prepare in an exemplary manner for the winter transportation of peat. N. F. Blinov and M. G. Zuev. Torf. prom. 33 no.6:1-3 '56.

TUM-51 installation for transferring milled peat from narrow-gage to wide-gage cars. N. V. Mozhin. Torf. prom. 33 no.6:36-37 '56.

PEAT BOGS

Drainage of peat deposits fed by ground water under pressure. S. P. Raevskii, M. V. Zenkov. Torf. prom. 33 no.6:32-33 '56.

"Hilled peat bogs." N. I. P'iavchenko. Reviewed by N. IA. Kats. Biul. MOIP. Otd. biol. 61 no.3:98-101 My-Je '56.

"Hilly peat bogs." N. I. P'iavchenko. Reviewed by A. A. Nitsenko. Vest. Len. un. 11 no.15:138-141 '56.

PEAT INDUSTRY

(see also subdivision under Germany)

Brief news. Torf. prom. 33 no.6:38-39 '56.

Lower the cost of milled peat. N. N. Druzhinin. Torf. prom. 33 no.6:6-9 '56.

Results of all-Union socialist competition in the peat industry under the Ministry of Electric Power Stations during May 1956. Torf. prom. 33 no.6:40 '56.

PEAT MACHINERY

(see also subdivision under Germany)

The FPFM milling, processing, and forming machine for obtaining granulated peat. V. V. Sadovnichii, V. V. Budnik, L. D. Laguto. Vestsi AN BSSR Ser. fiz.-tekh. nav. no.1:131-133 '56.

Harvesting block peat with TUMKAR machines. D. P. Besamertnyi. Mekh. trud. rab. 10 no.9:41 S '56.

Organizing tractor groups for peat winning. M. Kulabukhov. MTS 16 no.9:19-20 S '56.

Some problems in economizing metal and improving the serviceability of FB-1, 9 peat cutters. V. I. Kuz'min. Sel'khozmashina no.8:22-23 Ag '56.

Winning hydropeat with an assembly of UKB-SKS machines. V. I. Diuzhin, A. A. Lukkanen. Mekh. turd. rab. 10 no.9:42-43 S '56.

PEAT SOILS

Controlling water and temperature conditions of peat soils. I. Z. Lapa. Trudy Ukr. NIGMI no.3:56-60 '55.

Corn on peat soils. F. B. Kozlov. Kukuruza 1 no.3:52-53 Je '56.

Effect of copper fertilizers on meadow grasses grown for seeds. M. D. Bakhulin. Agrobiologiia no.4:89-98 Jl-Ag '56.

PECHORA BASIN—ANTIQUITIES

New archaeological discoveries in the Pechora Basin. G. A. Chernov. Krat. soob. IIMK no.64:104-115 '56.

PECHORA BASIN—MINE TIMBERING

Machine for debarking timbering. N. Panasenko. Mast. ugl. 5 no.9:19-20 S '56.

PECHORA BASIN—WHITEFISHES

Coregonus autumnalis in the Pechora River. N. A. Ostroumov. Trudy Komi fil. AN SSSR no.1:48-52 '53.

PECTIN

The capacity of the producers of anaerobic retting of flax, Clostridium felsineum and Plectridium pectinovorum, to fermentate pectin in the presence of various nitrogen compounds. V. A. Alekseev. Mikrobiologiia 25 no.3:327-330 My-Je '56.

PEDOLOGY (CHILD STUDY) see Child study

PEDOLOGY (SOIL SCIENCE) see subdivision 'Soils' under Akmolinsk Province; Asia, Central; Russia, Southern; Ukraine

PEENING see Shot peening

PEGMATITES see subdivision under Kola Peninsula

PEIPING—ASTRONOMICAL OBSERVATORIES

Ancient Chinese observatory. Ogonek 34 no.38:20-21 S '56.

PEIPING—COMMUNIST PARTY—CONGRESSES

The Chinese Communist Congress. V. Kassis. Nov. vrem. 14 no.40:20-23 S '56.

PEIPING—MINING ENGINEERING—STUDY AND TEACHING

The Peking Mining Institute. B. L. Davydov. Vest. vys. shkoly 14 no.9:45-47 S '56.

PEKING see Peiping

PENICILLIN

Case of allergic reaction penicillin. N. I. Tian. Trudy AN Tadzh. SSR 40:179 '55.

Clinical aspects and treatment of erythema circinatum. A. F. Nikitina, G. M. Bol'shakova. Vest. ven. i derm. 30 no.4:56 Jl-Ag '56.

Directions for the endolumbar administration of penicillin. Antibiotiki 1 no.3:59 My-Je '56.

Effect of larval food on the bactericidal properties of penicillin. V. I. Krasikova. Pchelovodstvo 33 no.10: 30-33 O '56.

Effect of pyramidon, pentoxyl, butazolidine, and dimedrol on the therapeutic effect of penicillin in experimental staphylococcal inflammatory foci in white mice. V. N. Solov'ev. Antibiotiki 1 no.3:12-15 My-Je '56.

Experience in treating chronic gonorrhea in women by intracutaneous injection of a mixture of novocaine, penicillin, gonovaccine and methylene blue. V. A. Shatov and others. Vest. ven. i derm. 30 no.4:33-37 Jl-Ag '56.

Intraperitoneal penicillin injections for treating peritonitis. E. M. Gindin. Voen.-med. zhur. no.10:29-34 O '55.

New active strains of Penicillium ("New hybrid"). S. I. Alikhanian and others. Antibiotiki 1 no.3:3-6 My-Je '56.

Problem of the treatment of carriers of Corynobacterium diphtheriae. L. N. Deviatova. Zhur. mikrobiol., epid. i immun. 27 no.8:38-42 Ag '56.

Results of treating diphtheria with penicillin tablets and aerosols. L. N. Deviatova. Zhur. mikrobiol. epid. i immun. 27 no.9:86-90 S '56.

Three years' experience in treating acute gonorrheal urethritis in men by a single injection of penicillin. P. P. Semenov. Vest. ven. i derm. 30 no.4:37-40 Jl-Ag '56.

Treating burns with penicillin ointment. V. L. Perepelitsa. Fel'd. i akush. 21 no.8:47-48 Ag '56.

Treatment of acute epidemic conjunctivitis. B. M. Slinkayn. Sov. med. 20 no.7:61-62 Jl '56.

Treatment of syphilis with semonovocillin. M. A. Rozental and others. Sov. med. 20 no.7:24-26 Jl '56.

Using penicillin and streptomycin in the treatment of gunshot wounds of the abdominal cavity. A. A. Unegov. Voen.-med. zhur. no.10:34-35 O '56.

PENICILLIUM

Nitrogen metabolism of Penicillium chrysogenum. Part 1: Change of nitrogenous substances in Penicillium chrysogenum cultures during fermentation. A. A. Mel'nikova, E. I. Surikova. Mikrobiologiia 25 no.3:281-287 My-Je '56.

Proteolytic properties of Penicillium species. A. G. Romankova, N. L. Mattison, A. P. Sokol'skaia. Vest. Len. un. 11 no.15:136-138 '56.

PENSIONS

Beginning of a great and responsible task. Sots. obesp. 17 no.5/6:34-36 My-Je '56.

Eligibility for retirement. Rabotnitsa 34 no.9:30 S '56.

Feverish days. S. Khramova. Sots. obesp. 17 no.5/6: 29-30 My-Je '56.

Initin, G. [What the new pension law gives the workers] Chto daet trudiashchimsia novyi pensionnyi zakon. Moskva, Izd-vo "Znanie," 1956. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2. No. 41)

Preparation for the introduction of the new law. Sots. obesp. 17 no.5/6:36 My-Je '56.

They prepared for the recomputation of pensions. Z. Makarova. Sots. obesp. 17 no.5/6:26-28 My-Je '56.

PENTADIENE

Mechanism of the thermal breakdown and chlorinolysis of hexachloropropylene and octachloropentadiene-1, 3. M. G. Gonikberg. Izv. AN SSSR. Otd. khim. nauk no.7: 873-877 Jl '56.

PENTANE

Methylation of pentanes with methyl chloride. IU. L. Khmel'nitskii, A. I. Doladugin, V. V. Nesterovskii. Khim. i tekh. topl. no.9:34-39 S '56.

Study of the pentane-pentene fraction of thermal cracking. IU. G. Mamedaliev and others. Dokl. AN Azerb. SSR 12 no.9:623-628 '56.

PENTATOMIDAE

Phasiid flies (Diptera, Phasiidae), parasites of stink bugs (Pentatomidae) in Krasnodar Territory. K. V. Kamenkova. Ent. oboz. 35 no.2:324-333 '56.

PENZA—BICYCLES AND TRICYCLES

Why obligations are not fulfilled. V. Liutikov, I. Tsyganov. Sov. profsoiuzy 4 no.7:35-39 Jl '56.

PENZA PROVINCE—EFFICIENCY, INDUSTRIAL

The initiative of efficient workers is falling. A. Larkin. Sov. profsoiuzy 4 no.9:40-41 S '56.

PENZA PROVINCE—HARES

Previous discovery of Lepus timidus Lin. in Penza Province. V. M. Artobolevskii. Nauk. zap. Kiev. un. 9 no. 6:160 '50.

PENZA PROVINCE—HEMP

We are expanding the growing of hemp. I. D. Efremov. Len. i koncp. no. 3:10-12 My '56.

PEPSIN

Comparative evaluation of the determination of pepsin activity by the methods of Mett and Gross. A. I. Bokina. Lab. delo 2 no. 2:20-21 Mr-Ap '56.

PEPTIC ULCER

Angioarchitectonics of the stomach in peptic ulcer, in ulcerated cancer, and in cancer developed from an ulcer. V. I. Panov, Z. L. Fraifel'd. Khirurgiia 32 no. 6:16-18 Je '56.

Blocking cervical and paravertebral neurovegetative ganglia by erythematous doses of ultraviolet rays in the treatment of ulcers. S. S. Kircheva-Fridliand, A. T. Rainov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:48-53 Jl-S '56.

Case of recurrent perforation of a gastric ulcer. N. E. Sizykh. Sov. med. 20 no. 7:65-66 Jl '56.

Data from clinical tests of the sterilized "F" serum in the treatment of ulcers. E. A. Senchilo. Klin. med. 34 no. 5:90-91 My '56.

Relapses of peptic ulcers following gastric resection and their treatment in Yessentuki. A. L. Shafran. Klin. med. 34 no. 7:90 Jl '56.

PERCH

Why the perch did not bite. P. Stefarov. Ukraina no. 17: 32 ² '56.

PERESTIANI, IVAN NIKOLAEVICH, 1870-

Seventy years of artistic activity. Gr. Chakhir'ian. Isk. kino no. 8:95-99 Ag '56.

PERETERSKII, IVAN SERGEEVICH, 1889-1956

Ivan Sergeevich Pereterskii; obituary. Sov. gos. i pravo no. 4:136 '56.

PERFUMERY

The book of R. A. Fridman ("Perfumery," R. A. Fridman. Reviewed by S. A. Voitkevich). Masl.-zhir. prom. 22 no. 6:34-36 '56.

Review of magazine articles on the oil, fat, perfume and cosmetics industries. Masl.-zhir. prom. 22 no. 6: 36-37 '56.

Simplify the procedure for settling complaints against factories of the Perfumery Trust. I. Pyzhik. Sov. torg. no. 7:43 Jl '56.

TLM apparatus in the production of scented liquids. I. M. Tovbin. Masl.-zhir. prom. 22 no. 6:32 '56.

PERFUMES

New equipment for the perfume industry. Masl.-zhir. prom. 21 no. 5:1-4 '56.

Perfume industry. Masl.-zhir. prom. 21 no. 5:35 '56.

PERICARDITIS

Errors in the diagnosis of heart failure in patients with adhesive pericarditis. M. A. Ivanitskaia. Vest. rent. i rad. 31 no. 4:22-27 Jl-Ag '56.

PERILLA

Dynamics of the transmission of plastic matter from leaves to the axillary shoots in Perilla during various phases of its ontogenetic development. V. O. Kazarian. Dokl. AN Arm. SSR 9 no. 5:219-223 '48.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODICALS—INDEXES

Vsesoiuznaia knizhnaia palata. [Index of periodical publications in the U. S. S. R. New, renamed, and discontinued periodicals and newspapers from January 1955 to April 1956] Letopis' periodicheskikh izdanii SSSR; novye, pereimenovannye i prekrativshiesia zhurnaly i gazety s 1 ianvaria 1955 g. po 1 aprelia 1956 g. Moskva, 1956. 27 p.

ERIODICALS, JUVENILE see Children's periodicals

ERITONITIS

Intraperitoneal penicillin injections for treating peritonitis. E. M. Gindin. Voen.-med. zhur. no. 10:29-34 O '56.

Methodology of using antibiotics in acute dispersed purulent peritonitis. V. I. Popov, V. I. Filin. Voen.-med. zhur. no. 10:18-25 O '55.

Peculiarities in the clinical course of peritonitis when using antibiotics. A. G. Belousov. Voen.-med. zhur. no. 10:25-29 O '55.

ERLITE see subdivision under Azerbaijan

ERMEABILITY

Determining reservoir rock permeability on the basis of the study of water influx of wells. B. M. Listengarten, A. G. Ter-Oganesova. Azerb. neft. khoz. 36 no. 5:6-8 My '56.

Diffused permeability of some argillaceous rock. P. L. Antonov. Geokhim. met. poisk. nefti i gaza no. 2:39-55 '54.

Effect of ionizing radiation on the permeability and barrier functions of ocular vessels. N. I. Arlashchenko. Med. rad. 1 no. 3:29-35 My-Je '56.

Experimental data on the permeability of the synovial membranes. T. M. Tupikova. Med. rad. 1 no. 3:35-42 My-Je '56.

PERMITTIVITY see Dielectric constants

PEROV, NIKOLAI VASIL'EVICH

Creators of new working methods. A. K. Petrov. Nauka i pered. op. v sel'khoz. no. 9:54 S '56.

PEROV, VASILII GRIGOR'EVICH, 1834-1882

Moscow. Gosudarstvennaia Tret'iakovskaia gallereia. [Drawings and watercolors: V. G. Perov, N. I. Kremskoi, V. V. Vereshchagin] Risunok i akvarel': V. G. Perov, I. N. Kramskoi, V. V. Vereshchagin. Moskva, Iskusstvo, 1955. 131 p., 70 plates.
(CLU)

PEROXIDES

Kinetics and mechanism of polymerization initiated by redox systems. Part I. Various mechanisms for initiating polymerization in aqueous solutions with peroxide compounds. T. M. Gritsenko, S. S. Medvedev. Zhur. fiz. khim. 30 no. 6:1238-1249 Je '56.

PERSHIN, NIKOLAI FEDOROVICH

Ringing words. Sergei Vasil'ev. Ogonek 34 36:26 S '56.

PERSIA—WAR WITH GREAT BRITAIN, 1856-1857

The British military expedition to Ahwaz. P. P. Bushev. Krat. soob. Inst. vost. no. 19:65-71 '56.

PERSIAN LANGUAGE—SUFFIXES AND PREFIXES

Functions of the postpositive pa(i) in modern literary Persian. I. K. Ovchinnikova. Trudy Inst. iaz. 6:356-391 '56.

Use of the postpositive pa(i) in the works by classic Tajik and Persian authors (11th-15th centuries). I. K. Ovchinnikova. Trudy Inst. iaz. 6:392-408 '56.

PERSONALITY

All-Union conference on problems of the psychology of personality. O. I. Zhavoronko, E. Sh. Sapozhnikova. Rad. shk. 35 no. 9:58-60 S '56.

Conference on aspects of the psychology of personality. F. N. Gonobolin. Sov. pedag. 20 no. 8:123-125 Ag '56.

Conference on the psychology of personality. V. A. Krutetskii, D. B. El'konin. Vop. psikhol. 2 no. 4: 175-182 Jl-Ag '56.

The problem of necessities in the psychology of personality. G. A. Fortunatov, A. V. Petrovskii. Vop. psikhol. 2 no. 4:12-20 Jl-Ag '56.

PERSONS (INTERNATIONAL LAW)

Persons in international law. L. A. Modzhorian. Sov. gos. i pravo no. 6:92-101 '56.

PERSPECTIVE

The perspectograph. Arkhit. i bud. 4 no. 1:31 Ja-F '56.

PERSPIRATION

Case of yellow chromhidrosis. A. K. Igumnov, N. P. IUshkov. Vest. ven. i derm. 30 no. 4:57 Jl-Ag '56.

PESTOVO—LUMBER—DRYING

Reinforced concrete doors for dry kilns. K. IU. Dzbanek. Der. prom. 5 no. 9:22-23 S '56.

PETROLATUM

Time needed for drying pine and spruce boards and blocks in petrolatum. K. V. Guseva. Der. prom. 5 no. 8:13-14 Ag '56.

PETROLEUM
(see also subdivision under Baikhan; Naftalan; Tuva Autonomous Province; Ukraine)

Effect on well discharge of pressure variation in the viscosity of oils containing gas. M. Kh. Khakimov. Izv. AN Azerb. SSR no. 4:47-50 Ap '56.

Geochemical methods of prospecting for petroleum and gas. B. P. IAsenev. Neft. khoz. 34 no. 8:49-53 Ag '56.

Investigation of ceresins separated from petrolatum. I. M. Abezgayz, N. V. Mailian. Khim. i tekh. topl. no. 9:57-62 S '56.

Methods of studying the luminescence of petroleum and bitumen by means of the comparative microscopic-spectrophotometer. S. P. Maksimov, V. A. Shamburov, R. G. Pankina. Neft. khoz. 34 no. 8:58-60 Ag '56.

Viscosity of petroleum emulsions. P. P. Pavlov. Trudy Azerb. ind. inst. no. 9:76-81 '55.

PETROLEUM—ANALYSIS
(see also subdivision under Bavly; Izberbash; Kzyl-Tumshukskiy; Romashkinskiy)

Accelerated lamp method for determining sulfur in various petroleum products. N. P. Volynskii. Trudy Inst. neft. 8:84-87 '56.

Double combustion method for determining sulfur in petroleum products. N. P. Volynskii, I. K. Chudakova. Trudy Inst. neft. 9:88-91 '56.

Hydrocarbon composition of Bytkov and Radchenkovskiy petroleums. S. R. Sergienko, V. T. Skliar. Trudy Inst. neft. 8:101-108 '56.

Investigation of the 200-350° kerosene - gas-oil fraction of Romashkin Devonian petroleum. V. G. Nikolaeva, E. M. Popova. Khim. i tekh. topl. no. 8:12-18 Ag '56.

Luminescence characteristics of petroleum oil fractions isolated by the adsorption-chromatographic method. N. G. Fesenkova. Trudy Inst. neft. 8:30-34 '56.

Some data on the ratio of sulfur in sulfides and in total sulfur in fractions of Romashkinskiy and Tuymazy petroleums. V. G. Luk'ianitsa, G. D. Gal'pern. Trudy Inst. neft. 8:76-83 '56.

PETROLEUM—BIBLIOGRAPHY see Bibliography—Petroleum

PETROLEUM—CRACKING see Cracking process

PETROLEUM—DRILLING FLUIDS see Oil well drilling fluids

PETROLEUM—GEOLOGY see Petroleum geology

PETROLEUM—PIPELINES
(see also subdivision under Lebanon)

Analysis of some problems of pumping preheated viscous fluids through pipelines. V. S. IAblonskii. Trudy MNI no. 17:3-42 '56.

Displacement of petroleums in pipelines. V. I. Chernikin. Trudy MNI no. 17:93-100 '56.

Efficient plan for pumping petroleum products through main pipelines. N. N. Borisov. Neft. khoz. 34 no. 8: 66-67 Ag '56.

Experimental determination of hydraulic resistance factors in straight petroleum pipelines and in fittings. I. A. Isaev. Trudy MNI no. 17:112-128 '56.

Machine for padding ditches with fine dirt (from "Pipe line news," no. 4 '56). Strol. pred. neft. prom. 1 no. 7:30 S '56.

Nauchno-tekhnicheskoe obshchestvo neftianoi promyshlennosti. [Tank farms and petroleum pipelines (design, construction and exploitation); according to reports at the Conference for the improvement of the designing, construction and exploitation of tank farms and petroleum product pipelines] Neftebazy i nefteprovody (proektirovanie, stroitel'stvo i ekspluatatsiia); po materialam konferentsii po uluchsheniiu proektirovaniia, stroitel'stva i ekspluatatsii neftebaz i nefteproduktoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 197 p.

New petroleum pipelines. Azerb. neft. khoz. 35 no. 6: 42 Je '56.

Optimum pumping conditions and the preheating temperature of petroleum before pumping. V. I. Chernikin. Trudy MNI no. 17:71-81 '56.

Permissible pipeline spans in connection with above-ground laying. M. N. Ruchimskii. Strol. pred. neft. prom. 1 no. 7:8-11 S '56.

Pumping petroleum and water in pipelines at the same time. V. I. Chernikin. Trudy MNI no. 17:101-111 '56.

Standard plans of wells and chambers in petroleum lines, water lines, and water supply systems. L. P. Trusov. Strol. pred. neft. prom. 1 no. 7:12-14 S '56.

Study of laminar flow of fluid in a round pipe. V. S. IAblonskii. Trudy MNI no. 17:43-52 '56.

Study of the movement of hot viscous petroleum through pipelines. V. I. Chernikin. Trudy MNI no. 17:53-70 '56.

Studying some methods for increasing the delivery of "hot" petroleum products. V. I. Chernikin. Trudy MNI no. 17:82-92 '56.

Use of radioactive isotopes for controlling step-by-step pumping of petroleum products through pipelines. V. S. IAblonskii, V. A. IUfin. Neft. khoz. 33 [i. e. 34] no. 9: 56-61 S '56.

Using plywood pipes for petroleum pipelines. M. S. Arutiunov. Azerb. neft. khoz. 35 no. 8:43-44 Ag '56.

Using separators for gradual transfer of petroleum and petroleum products through pipelines. A. A. Akhromenkov. Neft. khoz. 34 no. 7:57-62 Jl '56.

PETROLEUM—REFINERIES

Effective use of heat in oil refineries. A. A. Bashilov. Neft. khoz. 33 [i. e. 34] no. 9:48-52 S '56.

Overall planning of oil refineries. N. I. Nevrev. Neft. khoz. 33 [i. e. 34] no. 9:52-56 S '56.

PETROLEUM—REFINING

Causes contributing to the delayed action of filtration of distilled oils. A. I. Gandiurina. Trudy Azerb. ind. inst. no. 8:74-78 '54.

Choosing a selective solvent for scrubbing distillate oils from Baku nonparaffin oils. A. M. Kuliev and others. Azerb. neft. khoz. 35 no. 2:23-26 F '56.

Demand and power factors of standard power equipment in oil refineries; an open discussion. P. G. Nikiforov. Energ. biul. no. 7:30-32 Jl '56.

Effectiveness of using the "Bakinskii operation" heat exchanger in petroleum refineries. I. S. Golomshtok and others. Azerb. neft. khoz. 35 no. 5:27-28 My '56.

Hydrofining of distillate fractions from Eastern petroleums without introducing hydrogen from an external source. A. D. Sulimov and others. Khim. i tekh. topl. no. 9:1-11 S '56.

Improving the installation for production of cylinder oil. D. A. Guseinov. Azerb. neft. khoz. 35 no. 2:26-28 F '56.

PETROLEUM—REFINING (Continued)

Increasing the productivity of a pressure and vacuum refining plant by means of radical rearrangement. D. V. Ivanlukov, B. I. Bondarenko, D. S. Grachev. Neft. khoz. 34 no. 7:38-46 Jl '56.

Organic peroxides from pyrolysis products of petroleum. M. M. Movsumzade. Trudy Azerb. ind. inst. no. 8:70-73 '54.

Recommendations on power supply planning for petroleum refineries; an open discussion. I. I. Tatarinov. Energ. biul. no. 7:25-30 Jl '56.

Reducing heat loss and prolonging the service period of tube furnaces. A. A. Akhmedzade. Azerb. neft. khoz. 35 no. 6:28-30 Je '56.

Tasks of the petroleum refining industry for 1956-1960. Neftianik 1 no. 4:1-2 Ap '56.

Torch lines and safety valves in petroleum and gasoline refineries. P. S. Kutiumov. Azerb. neft. khoz. 35 no. 5:25-27 My '56.

Using high viscosity masut as fuel in oil refineries. M. N. Akhmedov. Azerb. neft. khoz 35 no. 3:27-28 Mr '56.

Using spent acid for cleaning aromatic compounds. Z. A. Sultanov, G. I. Babaeva, O. V. Popova. Azerb. neft. khoz. 35 no. 8:34 Ag '56.

PETROLEUM—SECONDARY RECOVERY see Secondary recovery of oil

PETROLEUM—STORAGE

Determining the true temperature of petroleum products in tanks. K. V. Elshin. Neft. khoz. 33 [i. e. 34] no. 9: 61-65 S '56.

Device for removing "stagnant residues" from tanks. K. V. Kostrin. Neftianik 1 no. 4:31-32 Ap '56.

Nauchno-tekhnicheskoe obshchestvo neftianoi promyshlennosti. [Tank farms and petroleum pipelines (design, construction and exploitation); according to reports at the Conference for the improvement of the designing, construction and exploitation of tank farms and petroleum product pipelines] Neftebazy i nefteprovody (proektirovanie, stroitel'stva i ekspluatatsiia); po materialam konferentsii po uluchsheniiu proektirovaniia, stroitel'stva i ekspluatatsii neftebaz i nefteproduktoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 197 p.

Snuffing out fires of oil and petroleum products on free surfaces in tanks. P. P. Pavlov, A. M. Khovanova. Dokl. AN Azerb. SSR 12 no. 7:453-457 '56.

Time rates for filling and emptying vertical cylindrical tanks. N. N. Konstantinov, V. P. Saraev, N. I. Savenkov. Neft. khoz. 34 no. 7:51-56 Jl '56.

Vacuum apparatus for cleaning tanks. A. M. Smotrakov. Neft. khoz. 34 no. 8:68-72 Ag '56.

Variations of the geometric form of vertical cylindrical tanks. K. K. Ponomarev. Azerb. neft. khoz. 35 no. 8: 45-48 Ag '56.

Vertical cylindrical tanks with spherocylindrical roofs. E. N. Lessig, M. I. Ashkinazi. Strol. prod. neft. prom. 1 no. 7:3-5 S '56.

PETROLEUM—WELL BORING see Oil well drilling

PETROLEUM CRACKING see Cracking process

PETROLEUM ENGINEERING
(see also subdivision under Azerbaijan; Groznyy; Neftyanyye Kamni)

Analytical determination of dynamic bottom-hole pressures in free-flowing wells. I. T. Gladkov. Azerb. neft. khoz. 35 no. 6:16-18 Je '56.

Approximate formula for determining the hydrostatic pressure of a well. N. A. Gukasov, A. M. Pirverdian. Neft. khoz. 33 [i. e. 34] no. 9:20-21 S '56.

Conducting hydraulic fracturing operations in frequently alternating clay and sand strata. G. I. Mal'tsev. Neft. khoz. 34 no. 8:28-30 Ag '56.

Contest to develop and introduce a method for hydraulic fracturing of oil sands. Azerb. neft. khoz. 35 no. 4: 32 Ap '56.

Determining parameters of a reservoir and wells by means of an isobaric map. V. S. Orlov, I. A. Charnyi. Trudy MNI no. 16:113-124 '56.

Determining the average reservoir pressure. R. S. Andriasov. Trudy MNI no. 16:58-69 '56.

Effect of axial tension on the stability of outer casings in comparison with warping caused by external hydrostatic pressure. S. B. Guseinov, M. A. Guseinov, B. B. Dadashev. Azerb. neft. khoz. 35 no. 3:24-26 Mr '56.

Effectiveness of hydraulic fracturing of sands. S. Z. Dinkevich. Neft. khoz. 34 no. 7:19-26 Jl '56.

Estimating the output of wells arranged in a straight-line series. V. T. Mironenko. Trudy MNI no. 16:82-95 '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Petroleum industry.] Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' nos. 27-28 Jl '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Petroleum industry.] Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' nos. 30, 34-35 Jl-S '56.

Factors determining the successful ejection of sand in fissures in the case of hydraulic fracturing of oil sands. B. G. Loginova, V. A. Blazhevich. Neft. khoz. 34 no. 8: 24-28 Ag '56.

Fluids for hydraulic fracturing of oil sands. V. IA. Masumian, Sh. A. Mkhitarian. Azerb. neft. khoz. 35 no. 6:18-20 Je '56.

Generalization of a problem on the permeability of reservoir roofs and floors for the special case of fluid motion in the reservoir. M. A. Gusein-Zade. Trudy MNI no. 16:70-81 '56.

Importance of fluid used in well perforation. I. A. Nazarov. Azerb. neft. khoz. 35 no. 5:29-30 My '56.

L. S. Leibenzon, the creator of the material balance equation. R. S. Andriasov. Trudy MNI no. 16:14-22 '56.

Measuring surface tension of petroleum at an oil-water boundary. M. M. Kusakov, I. M. Kosheleva. Trudy MNI no. 16:32-38 '56.

Methods for developing effectiveness in hydraulic fracturing of oil sands. A. A. Cherfas. Azerb. neft. khoz. 35 no. 6:39-42 Je '56.

Methods of studying and calculating the profile of deflected wells. M. P. Gulizade. Azerb. neft. khoz. 35 no. 6:7-10 Je '56.

Pressure restoration in uncompleted wells containing a sand plug. S. N. Buzinov. Trudy MNI no. 16:98-112 '56.

Problem of directing the movement of the water-oil boundary. G. S. Salekhov, V. S. Sidorenko, V. D. Chugunov. Neft. khoz. 34 no. 8:30-35 Ag '56.

Productivity index in the case of solution gas drive. G. P. Guseinov. Azerb. neft. khoz. 35 no. 5:11-13 My '56.

Recovery of a damaged well. A. A. Aliev. Azerb. neft. khoz. 35 no. 5:31 My '56.

Standardization of the specific electric power consumption in deep well exploitation of petroleum. P. A. Ivankov. Azerb. neft. khoz. 35 no. 8:25-29 Ag '56.

Study of the behavior of gas-condensate and gas-oil mixture under high pressure. Kh. A. Grigorian. Azerb. neft. khoz. 35 no. 5:15-18 My '56.

Study of water flooding of wells by means of restoring hydrostatic pressure. I. D. Amelin. Neft. khoz. 33 [i. e. 34] no. 9:24-29 S '56.

Studying causes of well cave-ins. N. M. Sherstnev. Azerb. neft. khoz. 35 no. 8:6-8 Ag '56.

Technical and economic conditions for application of hydraulic fracturing of oil sands. A. A. Cherfas. Azerb. neft. khoz. 35 no. 3:29-31 Mr '56.

Technological conference of young petroleum workers. Azerb. neft. khoz. 35 no. 6:38 Je '56.

Web method for the approximate solution of a compound boundary value problem for Laplace's equation. K. A. Allakhverdiev. Trudy Azerb. ind. inst. no. 9:47-61 '55.

PETROLEUM ENGINEERING—ELECTROMECHANICAL ANALOGIES

Problems of similitudes of gas separators. K. S. Kadymova. Azerb. neft. khoz. 35 no. 8:18-19 Ag '56.

PETROLEUM GEOLOGY
(see also subdivision under Apsheron Peninsula; Emba region; India; Kaganovich (Azerbaijan); Kura Lowland; Siberia, Western; Tatar A. S. S. R.; Yakutia; Zhiguli Mountains)

Classification of salt structures. Sh. A. Panakhi. Trudy Azerb. ind. inst. no. 9:12-20 '55.

Exploitation of reef pools. G. P. Ovanesov. Neft. khoz. 34 no. 7:30-34 Jl '56.

Geochemical and geological conditions for petroleum development and pool formation. N. V. Tageeva. Geokhim. met. polsk. nefti i gaza no. 2:124-141 '54.

Primary type of oil in the period of oil field formation. O. A. Radchenko, L. S. Sheshina. Dokl. AN SSSR 109 no. 3:614-616 Jl '56.

Principles of oil pool formation. S. F. Fedorov. Dokl. AN SSSR 109 no. 5:1019-1022 Ag '56.

Stratigraphic oil pools. F. M. Bagir-Zade. Trudy Azerb. ind. ist. no. 9:5-11 '55.

Useful book ("Prospecting and exploring for oil and gas pools." M. V. Abramovich. Reviewed by S. Salaev). Azerb. neft. khoz. 35 no. 5:34-35 My '56.

PETROLEUM INDUSTRY
(see also subdivision under Azerbaijan; Fergana; Great Britain; Groznyy Province; India; Iran; Orsk; Rumania; Soviet Far East)

An aid for education of personnel in economics ("Technical economic analysis in the petroleum production industry." M. M. Brenner. Reviewed by V. Tarankov). Azerb. neft. khoz. 35 no. 5:35-36 My '56.

Appeal to participants of the geological conferences. Neft. khoz. 34 no. 8:43-44 Ag '56.

In the Technological Council of the Ministry of the Petroleum Industry of the U. S. S. R. I. Zolotnikov. Neft. khoz. 33 [i. e. 34] no. 9:70-72 S '56.

[Manual of wages in the petroleum industry] Spravochnik po zarabotnoi plate v neftianoi promyshlennosti. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 342 p.

Methods of increasing petroleum production. E. P. Airapetiants. Neftianik 1 no. 4:21-22 Ap '56.

Potentials for increasing labor productivity in oil production. M. I. Stukalov. Neft. khoz. 33 [i. e. 34] no. 9:1-3 S '56.

Problems of quality and profitableness in petroleum production and refining. I. V. Korshunov, N. K. Vanchakova. Izv. AN Azerb. SSR no. 7:123-132 Jl '56.

Results of the all-Union conference of workers in the petroleum industry. Neft. khoz. 34 no. 8:1-5 Ag '56.

Utilize all possibilities to increase petroleum production. T. M. Azarov. Neft. khoz. 34 no. 7:1-5 Jl '56.

World petroleum production and reserves. I. V. Vysotskii. Neft. khoz. 34 no. 7:65-68 Jl '56.

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

Snuffing out fires of oil and petroleum products on free surfaces in tanks. P. P. Pavlov, A. M. Khovanova. Dokl. AN Azerb. SSR 12 no. 7:453-457 '56.

PETROLEUM PRODUCTS

Effect of a stimulant, extracted from petroleum industrial waste, on the development and antibiotic activity of certain fungi [in Azerbaijani with summary in Russian]. G. S. Kasimova, T. A. Babaeva. Dokl. AN Azerb. SSR 12 no. 9:655-660 '56.

Effect of alkali additives on the action and selectivity of iron-copper catalysts. B. P. Vainshtein, E. A. Plekhinskaia, I. B. Rapoport. Khim. i tekh. topl. no. 8:31-35 Ag '56.

PETROLEUM PRODUCTS—DICTIONARIES

Chochia, A.P., comp. [English-Russian dictionary of fuels and oils] Anglo-russkii slovar' po toplivam i maslam. Moskva, Gos. izd-vo tekniko-teoret. lit-ry, 1956. 645 p.

PETROLEUM RESEARCH see subdivision under Veszprem, Hungary; Volga-Ural region

PETROLEUM STORAGE

Nauchno-tekhnicheskoe obshchestvo neftianoi promyshlennosti. [Tank farms and petroleum pipelines (design, construction and exploitation); according to reports at the Conference for the improvement of the designing, construction and exploitation of tank farms and petroleum product pipelines] Neftebazy i nefteprovody (proektirovanie, stroitel'stva i ekspluatatsiia); po materialam konferentsii po uluchsheniiu proektirovaniia, stroitel'stva i ekspluatatsii neftebaz i nefteproduktoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 197 p.

PETROLEUM WORKERS see subdivision under Zol'noye

PETROLOGY
(see also subdivision under Gissar Range; Timan Range; Tuapse)

Lapin, V. V. [Petrography of metallurgical and fuel slags] Petrografiia metallurgicheskikh i toplivnykh shlakov. Moskva, Izd-vo Akademii nauk SSSR, 1956. 323 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 2)

Reply to V. P. Petrov's review "Concerning the Fedorov method and its place in the general system of optical research on crystalline substances." V. S. Sobolev. Izv. AN SSSR, Ser. geol. 21 no. 6:116-118 Je '56.

PETROLOGY—CONGRESSES see subdivision under Nancy

PETROPAVLOVSK DISTRICT—AGRICULTURE—ECONOMIC ASPECTS

A district economic conference. G. Volodina. Part. zhizn' no. 15:31-36 Ag '56.

PETROVSKOYE DISTRICT (STAVROPOL TERRITORY)—INSURANCE, SOCIAL

In Petrovskoye District of Stavropol Territory. G. Gavrik. Sots. obesp. 17 no. 5/6:55-56 My-Je '56.

PETROZAVODSK—THEATER

The first season. I. Mochalova. Na rub. 17 no. 4:149-157 Jl-Ag '56.

PFEIFFER, IURII VASYL'OVYCH, 1872-1946

Generalization studies in the generalized theory of partial differential equations. Scientific works, pedagogical activities, and biography of IU. V. Pfeiffer, 1872-1946. I. Z. Shtokalo. Nauk. zap. Kiev. un. 9 no. 4:19-24 '49.

PHAGOCYTOSIS

Changes in the phagocytic activity of blood leucocytes in scarlet fever as affected by antireticular cytotoxic serum. V. N. Zhrzhebiovs'ka. Fiziol. zhur. [Ukr.] 2 no. 3:123-130 My-Je '56.

Phagocytic reaction in dysentery; author abstract. A. P. Egorova. Zhur. mikrobiol., epid. i immun. 27 no. 8: 101 Ag '56.

PHARMACEUTICAL CHEMISTRY see Chemistry, Medical and pharmaceutical

PHARMACOLOGY

Effect of spasmolytic and hypotensive agents on renal circulation in healthy dogs and in dogs affected by hypertension. Z. T. Samoilova. Farm. i toks. 19 no. 4:31-36 Jl-Ag '56.

Five-year plan for scientific research work on problems in pharmacology in 1956-1960. Farm. i toks. 19 no. 4: 57-62 Jl-Ag '56.

PHARMACOLOGY (Continued)

Iron-ocherous paste made from the deposit sediments of "Dzhermuk" mineral waters. E. S. Gazarian. Dokl. AN Arm. SSR 10 no. 5:229-232 '49.

Mechanism of vomiting induced by embichine. E. I. . Khomchenovskii. Farm. i toks. 19 no. 4:45-48 Jl-Ag '56.

Pharmacology of a preparation of 2, 4-dichlorophenoxy-acetic acid. E. N. Guseva. Farm. i toks. 19 no. 4:41 Jl-Ag '56.

Pharmacology of securinine, a new alkaloid. A. D. Turova, IA. A. Aleshkina. Farm. i toks. 19 no. 4:11-17 Jl-Ag '56.

Principles of pharmacotherapy of disorders in the higher nervous activity of mental patients. L. L. Rokhlin. Fiziol. zhur. [Ukr.] 2 no. 4:36-42 Jl-Ag '56.

17th scientific conference of the Ryazan (Pavlov) Medical Institute and the Ryazan branch of the All-Union Society of Physiologists, Biochemists and Pharmacologists, devoted to the problem of combined drug therapy; on N. P. Kravkov's 90th birthday. A. A. Nikulin. Farm. i toks. 19 no. 4:32-64 Jl-Ag '56.

Therapeutic and diagnostic value of galantamine in various stages of poliomyelitis. N. A. Shenk, M. B. Eldinova, I. M. Mitbreit. Farm. i toks. 19 no. 4:36-44 Jl-Ag '56.

PHARMACOLOGY—STUDY AND TEACHING

Teacher's notes. I. Vainer. Sov. kras. krest 6 no. 4:11 Jl-Ag '56.

PHASE RULE AND EQUILIBRIUM

Connection between the amount, volume, and stability of intermetallic phases. P. I. Kryp'iakevych. Nauk. zap. L'viv. un. 34:79-83 '55.

Equilibrium diagrams of systems NaCl — $H_2O$, $Na_2SO_4$— $H_2O$, $CaSO_4$ — $H_2O$ and $SiO_2$ — $H_2O$. M. A. Styrikovich, I. Kh. Khaibullin. Dokl. AN SSSR 109 no. 5:962-965 Ag '56.

Investigation of the equilibrium diagram of the system copper-aluminum-iron. V. D. Turkin, R. G. Bakhvalova. Issl. splav. tsvet. met. no. 1:98-105 '55.

Physicochemical study of the system $H_2O$ -- $SO_3$. Part 1. Vapor-liquid phase equilibrium in the system: $H_2O$ --$SO_3$. G. P. Luchinskii. Zhur. fiz. khim. 30 no. 6:1207-1222 Je '56.

Principal constitution and heat resistance diagrams of metal systems. M. V. Zakharov. Issl. splav. tsvet. met. no. 1:25-41 '55.

Rapid methods for approximate and exact calculation of equilibrium. L. P. Vladimirov. Zhur. fiz. khim. 30 no. 6:1396-1399 Je '56.

Reaction equilibrium for the formation of thio salts of tin, antimony, and arsenic in a solution. A. K. Babko, G. S. Lisetskaia. Zhur. neorg. khim. 1 no. 5:969-980 My '56.

Solubility of tin in the $MgCu_2$ intermetallic phase. M. IU. Tesliuk, IE. I. Hladyshevs'kyi. Nauk. zap. L'viv. un. 34:84-90 '55.

Structure of the equilibrium diagrams of multicomponent heterogeneous systems. L. S. Palatnik, A. I. Landau. Dokl. AN SSSR 109 no. 5:954-957 Ag '56.

Study of equilibriums in the system: $K_2SO_4$ — $Na_2SO_4$ — $MgSO_4$ — $H_2O$ at 55°. O. K. IAnat'eva, V. T. Orlova. Zhur. neorg. khim. 1 no. 5:988-994 My '56.

Study of metastable equilibriums among liquid phases. Part 5. I. L. Krupatkin. Zhur. ob. khim. 26 no. 7: 1831-1837 Jl '56.

X-ray structural analysis of copper-magnesium-zinc systems in the range of the $MgCu_2$-$MgZn_2$ dividing line. IE. I. Hladyshevs'kyi, P. I. Kryp'iakevych. Nauk. zap. L'viv. un. 34:64-71 '55.

PHEASANTS see subdivision under Ukraine

PHENACETIN

Use of pyramidon and phenacetine in the postoperative stage in thyrotoxicosis. N. O. Nikolaev. Probl. endok. i gorm. 2 no. 1:20-26 Ja-F '56.

PHENETHYLAMINE

Duration and some characteristics of the stimulating effect of Ginseng as compared with phenamine. V. I. Sokolov. Mat. k izuch. zhen'-shenia i lim. no. 2:174-177 '55.

Ergographic investigation of the stimulating effect of Ginseng and phenamine. I. K. Chernen'kii. Mat. k izuch. zhen'-shenia i lim. no. 2:171-173 '55.

PHENOLASES

Participation of oxypurines in adrenaline exchange. Part 3. Effect of oxypurines on the oxidation of pyrocatechin and adrenaline in the presence of phenolase. G. Kh. Buniatian, V. G. Mkhitarian, V. B. Eglian. Dokl. AN Arm. SSR 10 no. 4:167-171 '49.

PHENOLOGY

Phenology of the larch spinner in the Baikal region. V. O. Boldaruev. Vest. Mosk. un. 11 no. 5:83-90 My '56.

Seasonal dynamics of the Alpine "carpets" of Aragats. S. G. Narinian. Dokl. AN Arm. SSR 9 no. 4:179-182 '48.

A useful book ("Handbook on controlling and processing observations on development phases of farm crops." Reviewed by G. V. Rudnev. Meteor. i gidrol. no. 7: 53-55 Jl '56.

PHENOLS

Chemical structure of alkylphenols and their activity as depressors. P. I. Sanin, V. V. Sher. Trudy Inst. neft. 8:180-184 '56.

Effect of phenol and temperature in thermal denaturation on the purification and concentration of antitoxic sera using the method of enzymatic hydrolysis. A. I. Mikhailov, E. N. Rogozina. Zhur. mikrobiol., epid. i immun. 27 no. 8:83-87 Ag '56.

Field tests of the "PL" sulfurized phenol as a viscosity reducer of heavy drilling fluids. O. S. Zagarmistr, L. I. Balaian. Azerb. neft. khoz. 35 no. 5:18-20 My '56.

The interaction of condensed phenols, naphthols and their derivatives with various diazo components. I. V. Grinberg, G. M. Kushko. Nauch. zap. LPI no. 29:121-130 '55.

Study of the interaction of acetamide with phenols by means of physicochemical analysis. Z. K. Dzhelomanova, N. Z. Rudenko, D. E. Dionis'ev. Zhur. ob. khim. 26 no. 7:1866-1872 Jl '56.

Testing on alkyl-phenol antioxidant additive in transformers. K. I. Ivanov and others. Khim. i tekh. topl. no. 9:51-56 S '56.

Use of liquid coal phenols in the veneer industry. A. G. Zabrodkin, R. Kh. Sultanbek. Der. prom. 5 no. 8:9-11 Ag '56.

X-ray study of the system: phenol -- water. N. V. Mokhov, I. V. Kirsh. Zhur. fiz. khim. 30 no. 6:1310-1323 Je '56.

PHENOTHIAZINE

Controlling helminthiases in horses with small doses of phenothiazine. P. Velichkin, N. Molokanov. Konevodstvo 26 no. 7:20-21 Jl '56.

Effective remedy against helminthiasis in sheep. I. P. Kirsanov. Ovtsevodstvo no. 8:45-46 Ag '56.

Ridding chickens of the most important helminthous infections. A. D. Gaibov, N. Z. IAkubov. Ptitsevodstvo 6 no. 9:42-43 S '56.

PHILIPPINE ISLANDS—MILITARY BASES, AMERICAN

The American grandfather and the Philippine grandchild. Nov. vrem. 14 no. 36:22-23 Ag '56.

PHILIPPINE ISLANDS—PEASANT UPRISINGS

Peasant movement in the Philippines on the eve of the Second World War (1935-1941). G. I. Lovinson. Krat. soob. Inst. vost. no. 20:38-50 '56.

PHILOSOPHY

(see also subdivision under China; Ukraine)

Critical notes on articles published in "Uchenye zapiski of Ural University." IU. S. Meleshchenko, A. I. Novikov. Vop. filos. no. 4:197-200 '56.

In the Philosophy Institute of the Academy of Sciences of the U. S. S. R. E. V. Shorokhova. Vop. filos. no. 4: 238 '56.

There should be more research in the "Uchenye zapiski" ("Uchenye zapiski of Ural University," no. 13. Philosophy. Reviewed by S. F. Anisimov, F. G. Nikitina, V. D. Timofeev). Vop. filos. no. 4:193-197 '56.

PHILOSOPHY—PERIODICALS see subdivision under China; Czechoslovakia

PHILOSOPHY OF HISTORY see History—Philosophy

PHONORECORDS

The use of documentary materials of the Central State Archives of Cinema-Photo-Phonodocuments of the U. S. S. R. S. T. Pleshakov, V. R. Khodorkovskii. Ist. arkh. no. 4:235-238 Jl-Ag '56.

PHOSPHATASES

Alkaline phosphatase and the oxidizing activity of blood in rabbits during the healing of wounds under the effect of leucocytogenic serums. V. N. Shreder. Trudy Inst. morf. zhiv. no. 18:65-81 '56.

Alkaline phosphatase in the nucleus and cytoplasm of leucocytes. T. M. IAkovleva. Dokl. AN SSSR 109 no. 5:1035-1038 Ag '56.

Study of nucleoproteins. Connection between the activity of alkaline phosphatase and the contracting properties and structural state of deoxyribonucleoproteins [with English summary in insert]. B. S. Diskina. Biokhimiia 21 no. 4:482-490 Jl-Ag '56.

PHOSPHATE COATING

Cold phosphate coating of metals. IA. G. Gasanov. Azerb. neft. khoz. 35 no. 2:17-18 F '56.

PHOSPHATES

Comparative tests with granulated, neutralized, ammonified and ungranulated superphosphates (results of field experiments). A. V. Sokolov. [Trudy] NIUIF no. 157:74-112 '55.

Developing the technology of granulated superphosphate production. I. L. Gofman and others. [Trudy] NIUIF no. 157:7-60 '55.

Effect of impurities on the piezoeffect of the crystal of ammonium dehydrophosphate. F. M. Alemaikin. Dop. ta pov. L'viv. un. no. 5, pt. 2:73-76 '55.

Effect of phosphate fertilizers on the ability of the cotton plant to absorb other mineral elements from old irrigated Sierozem soil in the Vakhsh Valley. L. A. Zuev, N. E. Abasheeva. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:95-98 '55.

Effect of the localized placement of nitrogen and phosphorus fertilizers on the development of the root system of potatoes. V. E. Butaev. Ud. i ur. 1 no. 7:15-19 Jl '56.

Experiments with superphosphates and other phosphorus fertilizers on Sierozems. A. V. Sokolov. [Trudy] NIUIF no. 157:113-136 '55.

Growth of rhizosphere micro-organisms in direct contact with granules of superphosphate. K. P. Tulaikova. Mikrobiologiia 25 no. 3:299-304 My-Je '56.

Imides of alkylphosphoric acids. Trialkyl-*N*-phenylimidophosphates. M. I. Kabachnik, V. A. Gilfarov. Izv. AN SSSR. Otd. khim. nauk no. 7:790-797 Jl '56.

Improving the drillability of granulated superphosphate having granules of 1-4 and 2-4 millimeters. D. G. Grachev. [Trudy] NIUIF no. 157:61-73 '55.

Kuznetsov, S. V. [Automatization of superphosphate production] Avtomatizatsiia proizvodstva superfosfata. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 99 p.

Phosphatic substance of phosphorites. D. M. Mastsankov, F. A. Kavitskaia. Dokl. AN SSSR 109 no. 5:990-992 Ag '56.

Solubility of uranyl and thorium phosphates. V. G. Chukhlantsev, S. I. Stepanov. Zhur. neorg. khim. 1 no. 3: 478-484 Mr '56.

Testing the effectiveness of granulated superphosphate having granules of various sizes (results of field experiments). A. V. Sokolov. [Trudy] NIUIF no. 157:137-144 '55.

Using granulated superphosphate in plant growing tests. T. D. Koritskaia. [Trudy] NIUIF no. 157:145-161 '55.

Using ordinary (acid), ammonified and neutralized granulated and powder-type superphosphates in plant growing tests. N. V. Babenko. [Trudy] NIUIF no. 157:162-184 '55.

PHOSPHATIDES

Effect of added phosphatide concentrates on the technological process of wheat bread manufacture. L. I. Puchkova, V. S. Chistova. Trudy MTIPP 4:96-104 '56.

Utilization of phosphatide concentrated in stock raising. V. M. Kulikov. Masl.-zhir. prom. 22 no. 9:1-2 '56.

PHOSPHINIC ACID

Acyl derivatives of esters of $\alpha$-oxyalkylphosphinic acids. P. I. Alimov, I. V. Cheplanova. Izv. AN SSSR. Otd. khim. nauk no. 8:939-942 Ag '56.

Research in the field of unsaturated phosphinic acids. Part 19. Esters of (3-chlorobutene-2)-4-phosphinic and (butadiene-2, 3)-4-phosphinic acids. K. N. Anisimov, N. E. Kolobova. Izv. AN SSSR. Otd. khim. nauk no. 8:923-926 Ag '56.

Research in the field of unsaturated phosphinic acids. Part 20. Esters of (3-chloro-2-methylbutene-2)-4-phosphinic and (2-methyl-butadiene-2, 3)-4-phosphinic acids. K. N. Anisimov, N. E. Kolobova. Izv. AN SSSR. Otd. khim. nauk no. 8:927-931 Ag '56.

Synthesis and properties of some esters of the chloralkylphosphinic and chloralkyldithiophosphinic acids. E. S. Shepeleva, P. I. Sanin. Dokl. AN SSSR 109 no. 3: 555-557 Jl '56.

PHOSPHITES

Mechanism of the Arbuzov rearrangement. Part 3. Interaction of the nitrile and methyl ester of $\alpha$, $\beta$-dibromo- and $\alpha$ $\beta$-dichloropropionic acid with phosphites. V. S. Abramov, N. A. Il'ina. Zhur. ob. khim. 26 no. 7:2014-2019 Jl '56.

Reaction of trialkylphosphite addition to certain unsaturated acids. Gil'm. Kamal, V. A. Kukhtin. Dokl. AN SSSR 109 no. 1:91-93 Jl-Ag '56.

PHOSPHOLIPIDS

Metabolism of phospholipids and choline in Botkin's disease. Z. N. Popova. Vop. med. khim. 2 no. 3:178-181 My-Je '56.

PHOSPHOMOLYBDIC ACIDS

Amperometric determination of phosphoric acid in the form of o-hydroxyquinoline compounds of phosphomolybdic acid. O. K. Serdiukova. Nauch. zap. LPI no. 29:95-99 '55.

PHOSPHONIC ACID

Result of using chlorophos and of diazinone in controlling flies resistant to chlorinated hydrocarbons. V. A. Nabokov, M. A. Lartiukhin, A. V. Nikiforova. Med. paraz. i paraz. bol. 25 no. 3:256-258 Jl-S '56.

Testing chlorophos in parascariasis in horses. I. S. Ivashkov. Veterinariia 33 no. 10:51-52 O '56.

PHOSPHORAMIDE

Cancerocidal activity of some new phosphoramides. V. A. Chernov, S. I. Sergievskaia, A. A. Kropacheva. Farm. i toks. 19 no. 4:30-31 Jl-Ag '56.

PHOSPHORESCENCE

Phosphorescence spectra of some aromatic acids at liquid air temperature. B. A. Plaksin-skii. Dokl. AN SSSR 109 no. 3:503-506 Jl '56.

PHOSPHORIC ACID

Amperometric determination of phosphoric acid in the form of o-hydroxyquinoline compounds of phosphomolybdic acid. O. K. Serdiukova. Nauch. zap. LPI no. 29:95-99 '55.

Consumption of phosphoric acid by Str. lactis grown on milk. O. IA. Rashba, S. I. Novikova. Mikrobiol. zhur. 18 no. 3:37-39 '56.

Function of acidity in aqueous HCl solutions and in the system $P_2O_5$ - $H_2O$ at various temperatures. A. I. Gel'bshtein, G. G. Shcheglova, M. I. Temkin. Zhur. neorg. khim. 1 no. 2:282-297 F '56.

Hydrogen exchange reactions of 1-methylcyclohexanol-1 with phosphoric acid. V. N. Setkina, D. N. Kursanov. Dokl. AN SSSR 109 no. 3:552-554 Jl '56.

Interaction of nepheline with phosphoric acid. V. N. Sveshnikova, M. N. Liashenko. Zhur. neorg. khim. 1 no. 3:532-535 Mr '56.

Using thiourea in the colorimetric analysis of phosphoric acid. A. M. Meshcheriakov. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:17-28 '56.

PHOSPHORITES

(see also subdivision under Sakhalin)

Phosphatic substance of phosphorites. B. M. Maslennikov, F. A. Kavitskaia. Dokl. AN SSSR 109 no. 5:990-992 Ag '56.

PHOSPHORUS

Assimilation of $P^{32}$ from inorganic phosphate in milk casein. A. I. Solntsev, G. V. Filatov. Izv. TSKhA no. 1:227-228 '56.

Improve the work of the chemical mining industry. Khim. prom. no. 4:253-254 Je '56.

Mass use of phosphorobacterin for winter wheat on collective farms of Rostov Province. Z. F. Volchkova. Ud. i ur. 1 no. 7:24-27 Jl '56.

On phosphorus assimilation by seedlings of arboreal and herbaceous plants. A. D. Tarabrin. Dokl. AN SSSR 108 no. 5:965-967 Je '56.

Phosphorus supply from lateral roots to the branches in a grafted apple tree and in an apple tree growing on its own root. IU. A. Belavin. Dokl. AN SSSR 108 no. 5:955-957 Je '56.

Polymorphic transformation of phosphorus at superhigh pressure. V. P. Butuzov, S. S. Bokshа, M. G. Gonikberg. Dokl. AN SSSR 108 no. 5:837-840 Je '56.

Role of rhizosphere micro-organisms in transmitting phosphorus to wheat germs. V. T. Smalii. Mikrobiol. zhur. 18 no. 3:6-11 '56.

Use of oxin in the volumetric method for determining phosphorus in mineral fertilizers. V. M. Litvinchuk, IA. P. Berkman. Nauch. zap. LPI no. 29:81-93 '55.

PHOSPHORUS—ISOTOPES

Treatment of uterine cervical erosion with radioactive phosphorus. L. D. Prokof'eva. Vest. rent. i rad. 31 no. 4:45-48 Jl-Ag '56.

Valence states of $P^{32}$ which is formed in the reaction $S(n,p)P$. V. V. Fomin, R. N. Maslova. Zhur. neorg. khim. 1 no. 2:337-341 F '56.

PHOSPHORUS ACIDS

Alkylamides of organic derivatives of phosphorus acids. B. A. Arbuzov, P. I. Alimov, O. N. Fedorova. Izv. AN SSSR. Otd. khim. nauk no. 8:932-938 Ag '56.

PHOSPHORUS COMPOUNDS

Chemistry of phosphorus oxygenous compounds in view of the structural theory. IU. V. Khodakov. Zhur. neorg. khim. 1 no. 3:368-384 Mr '56.

Transformations of phosphorus compounds in ripening flaxseed. A. A. Prokof'ev, A. M. Sobolev. Dokl. AN SSSR 109 no. 4:817-820 Ag '56.

Trichlorophosphazotrichloroacetyl and N-phosphoryl chloride of trichloroiminoacetyl. A. V. Kirsanov, G. I. Derkach. Zhur. ob. khim. 26 no. 7:2009-2014 Jl '56.

PHOSPHORUS IN THE BODY

Effect of ether narcosis on the distribution of radioactive phosphorus in the liver, kidneys, and blood of rats. K. F. Sorvachev. Vop. med. khim. 2 no. 4:299-304 Jl-Ag '56.

PHOSPHORUS METABOLISM

Absorption of phosphorus in the digestive tract and its utilization in the body in experimental hepatitis of various origins. K. S. Zamychkina and others. Med. rad. 1 no. 3:63-71 My-Je '56.

Distribution of phosphorus compounds in acid-soluble fractions and protein fractions of different tumors [with summary in English]. I. A. Aksamitnaia. Vop. onk. 2 no. 3:315-319 '56.

The effect of castration on some biochemical processes in animals. L. M. Makarevich-Gal'perin, S. N. Ushenko. Probl. endok. i gorm. 2 no. 2:96-102 Mr-Ap '56.

Effect of lutidine on phosphorus metabolism in animals. E. F. Sopin. Nauk. zap. Kiev. un. 12 no. 7:157-168 '53.

Influence of growth promoting substances on phosphorous metabolism in tomatoes. N. I. IAkushkina. Dokl. AN SSSR 109 no. 3:635-637 Jl '56.

Nucleic acids and phosphorus compounds in the mycelium of Actinomyces aureofaciens at various stages of development. M. A. Guberniev, N. A. Ugoleva, L. I. Torbokhina. Antibiotiki 1 no. 3:8-11 My-Je '56.

Restoration of phosphorus compounds in tumor tissue under the influence of roentgen rays [with summary in English]. N. V. El'tsina. Vop. onk. 2 no. 3:312-315 '56.

Stimulation of phosphorous metabolism in animals by tissue implants. V. K. Zakharova. Vop. med. khim. 2 no. 4:262-268 Jl-Ag '56.

PHOSPHORYL CHLORIDE

Compounds of zirconium tetrachloride with phosphorus oxychloride. I. A. Sheka, D. A. Voitovich. Zhur. neorg. khim. 1 no. 5:964-968 My '56.

PHOSPHORYLASES

Phosphorylase of the skin [with German summary in insert]. M. G. Smirnova. Biokhimiia 21 no. 4:441-443 Jl-Ag '56.

PHOSPHORYLATION

Effect of phosphorylated carbohydrates on heart muscle. T. M. Turpaev, L. N. Bobrova, B. N. Stepanenko. Dokl. AN SSSR 109 no. 5:1077-1080 Ag '56.

Role of the respiratory phosphorylation process in the function of the heart muscle. V. S. Shapot, G. M. Pruss. Dokl. AN SSSR 108 no. 5:899-902 Je '56.

PHOTOCHEMISTRY

Photodesorption and photodissociation of molecules adsorbed by metals. P. E. Val'nev. Zhur. fiz. khim. 30 no. 6:1306-1315 Je '56.

Photographic reversion phenomena. Photographic reversion when long and short light waves are acting simultaneously on the photographic layer. E. A. Galashin, V. M. Tatevskii. Dokl. AN SSSR 109 no. 2:347-350 Jl '56.

PHOTOELASTICITY

Investigation of plane contact problems for soils by means of photoelasticity. A. IA. Aleksandrov and others. Trudy NIIZHT no. 11:89-101 '55.

PHOTOELECTRIC CELLS

Automatic photoelectric apparatus for controlling outdoor lighting. V. A. Sidorov, G. E. Shmukler. Energetik 4 no. 9:34-36 S '56.

Photoresistance unit used as a light cutout in navigational equipment. M. Mamedov. Mor. flot 16 no. 8:27 Ag '56.

Relation between the photocurrent and the exposure of photocells with a barrier layer. G. Sh. Lifshits. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:227-231 '55.

PHOTOELECTRICITY

Photoelectric properties of silver halides and thallium halides when colored with organic coloring agents. IA. Akimov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:264-265 Jl-Ag '56.

PHOTOGRAMMETRY

Photogrammetric condensation of altitudes by means of an undistorted model. A. A. Domina, V. P. Cholnokov. Geod. i kart. no. 4:9-15 Je '56.

PHOTOGRAPHIC CHEMISTRY

Bases used in formulas for the rapid processing of photographic materials. K. I. Markhilevich. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:63-66 Ja-F '56.

Molecular yield in the reduction of silver bromide by hydroquinone. V. I. Shaberstov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:42-44 Ja-F '56.

"Principles of the theory of photographic processes." 2. ed. IA. M. Kautskiy and V. I. Shaberstov. Reviewed by K. Chibisov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:77-78 Ja-F '56.

PHOTOGRAPHIC EMULSIONS

Absorption spectra of dibenzothiocarbocyanine dyes in aqueous gelatin solutions. A. V. Borin. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:111-117 Mr-Ap '56.

Breakdown of color centers in a fine-grain silver-bromide emulsion subjected to various temperatures and illumination. E. A. Nesterovskaia. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:81-83 Mr-Ap '56.

Conference on the chemistry of photographic emulsions. K. V. Ch. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:152 Mr-Ap '56.

Critical frequency of intermittent illumination of photographic films and relaxation processes in emulsion crystals. A. L. Kartuzhanskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:10-18 Ja-F '56.

Crystallization of silver halides in photographic emulsions. Part 2. Electron microscopic study of nonammoniacal silver bromide emulsions. V. N. Zharkov, K. P. Dobroserdova. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:250-253 Jl-Ag '56.

Heat treatment of silver bromide crystals in the gelatin and in a vacuum. V. A. Grokhotov, P. V. Meiklar. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:89-97 Mr-Ap '56.

Quantitative analysis of the photographic action of electrons with varying energy. Part 3. Study of the quantum yield of developed grains due to soft X rays. K. S. Bogomolov and others. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:241-249 Jl-Ag '56.

Spectrophotometric analysis of the chemical sensitivity of photographic emulsions. Zh. L. Broun, E. A. Kirillov, K. V. Chibisov. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:98-110 Mr-Ap '56.

Study of the continuous sedimentation process of photographic emulsions. N. I. Kirillov, IU. G. Chikishev, V. L. Zelikman. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:266-271 Jl-Ag '56.

PHOTOGRAPHIC OPTICS

"Photographic optics." A. A. Lapauri. Reviewed by V. G. Pell'. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:160 Mr-Ap '56.

PHOTOGRAPHIC SENSITOMETRY

Quantitative investigation of the photographic action of electrons with varying energy. Part 1. Experimental study of electron sensitivity in emulsions digested to a varying degree. K. S. Bogomolov, E. P. Dobroserdova, V. N. Zharkov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:19-22 Ja-F '56.

Quantitative investigation of the photographic action of electrons with varying energy. 2. Dependence of the electron sensitivity of photographic emulsions on the size of the emulsions' micro-crystals. K. S. Bogomolov, E. P. Dobroserdova, V. N. Zharkov. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:84-88 Mr-Ap '56.

PHOTOGRAPHS—CONSERVATION AND RESTORATION

The use of documentary materials of the Central State Archives of Cinema-Photo-Phonodocuments of the U. S. S. R. S. T. Pleshakov, V. R. Khodorkovskii. Ist. arkh. no. 4:235-238 Jl-Ag '56.

PHOTOGRAPHY

(see also subdivision under China)

From the editor. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:3-5 Ja-F '56.

History of the method of obtaining an image by means of diffusion transfer. K. I. Markhilevich. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:139-141 Mr-Ap '56.

Iofis, E. A. [Photography for students] Fotografiia dlia shkol'nika. Moskva, Gos. izd-vo "Iskusstvo," 1956. 191 p.

"Photographic materials and processes; developments reflected in foreign periodical literature." Reviewed by V. S. Chel'tsov. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:159-160 Mr-Ap '56.

"Photography, its materials and processes [in English]." 5. ed. C. B. Neblette. Reviewed by V. I. Shaberstov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:79-80 Ja-F '56.

The Second International Congress on High-Speed Photography and Cinematography. V. G. P. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:71-73 Ja-F '56.

PHOTOGRAPHY—APPARATUS AND SUPPLIES

Automatic photographic booth. D. Buntmovich. Znan. sila 31 no. 8:31-32 Ag '56.

Buntmovich, D.Z. [Photographic laboratories for Pioneers] Pionerskaia fotolaboratoriia. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 85 p.

Fifty-second annual exhibition of a French physics society. V. G. P. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:74 Ja-F '56.

Photoelectric densitometer and its use in evaluating the results of paper electrophoresis. A. A. Sokolov, V. I. Vlasenko, A. E. Gurvich. Vop. med. khim. 2 no. 3:222-228 My-Je '56.

Photographic booth. I. Aizenshtein. Nov. torg. tekh. no. 3:6-7 '56.

PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Photography

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

General principles of the rapid processing of photographic materials. K. I. Markhilevich. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:60-62 Ja-F '56.

Increasing the practically usable photosensitivity in the processing of exposed photographic films. V. I. Shaberstov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:295-299 Jl-Ag '56.

The photoenlarger. Biarozka 32 no. 10:26 O '56.

Rapid processing methods applied to ordinary photographic work. K. I. Markhilevich. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:141-143 Mr-Ap '56.

Simultaneous development and fixing. K. I. Markhilevich. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:299-301 Jl-Ag '56.

Study of temperature coefficients in photographic developing. Part 1. Temperature coefficients in developing with substances differing sharply in the degree of selective activity. V. I. Shaberstov, M. S. Borodkina. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:118-121 Mr-Ap '56.

PHOTOGRAPHY—FILMS

"Properties of photographic materials on a transparent base; sensitometric manual edited by IU. N. Gorokhovskii and S. S. Gilev." Reviewed by G. A. Istomin. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:158-159 Mr-Ap '56.

PHOTOGRAPHY—HISTORY

"Documents on the history of the invention of photography; correspondence of J. N. Niepce, J. M. Daguerre, and others" ("Trudy" of the Archives of the Academy of Sciences of the U. S. S. R., no. 7). Reviewed by K. V. Chibisov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:317-318 Jl-Ag '56.

PHOTOGRAPHY—LATENT IMAGE

Identity of two stages in latent image formation affected by charged particles and visible light. K. S. Bogomolov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:6-9 Ja-F '56.

Theory of the latent image. K. S. Lialikov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:56-59 Ja-F '56.

PHOTOGRAPHY—LIGHTING

Critical frequency of intermittent illumination of photographic films and relaxation processes in emulsion crystals. A. L. Kartuzhanskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:10-18 Ja-F '56.

PHOTOGRAPHY—MOTION PICTURES see Cinematography

PHOTOGRAPHY—REPRODUCTION OF PLANS, DRAWINGS, ETC.

Photoprinting machine. Arkhit. i bud. 4 no. 2:28 Mr-Ap '56.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS
(see also subdivision under Cologne)

"Advances in scientific photography." Vol. 3. Reviewed by G. A. Istomin. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:78-79 Ja-F '56.

"Advances in scientific photography." Vol. 4. Reviewed by T. G. Tkachenko. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:158 Mr-Ap '56.

"Science and applications of photography; proceedings of the international conference held on the occasion of the centenary of the Royal Photographic Society of Great Britain, London, September 19-25, 1953" [in English]. Reviewed by V. I. Sheberstov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:319-320 Jl-Ag '56.

PHOTOGRAPHY—STUDIOS AND DARK ROOMS see subdivision under Moscow

PHOTOGRAPHY, AERIAL

Light flashes in aerial photographs. O. A. Gerasimova. Geod. i kart. no. 4:71-75 Je '56.

TSyganov, M. N. [Principles of color photography and aerial photography] Osnovy tsvetnoi fotografii i aerofotografii. Moskva, Izd-vo geodez. lit-ry, 1956. 175 p.

"Using aerial photography in surveying for transportation routes." Reviewed by B. K. Maliavskii, A. T. Skobelev. Transp. stroi. 6 no. 8:31-32 Ag '56.

Working area of aerial photographs. L. A. Kashin. Geod. i kart. no. 3:20-22 My '56.

PHOTOGTAPHY, ASTRONOMICAL see Astronomical photography

PHOTOGRAPHY, COLOR see Color photography

PHOTOGRAPHY, FLASH-LIGHT

Brighter than the sun. M. IAkovlev. Znan. sila 31 no. 8: 29-31 Ag '56.

PHOTOGRAPHY, PARTICLE TRACK

Latent image regrouping due to the photographic action of ionizing particles. A. L. Kartuzhanskii. Dokl. AN SSSR 109 no. 2:285-288 Jl '56.

PHOTOGRAPHY, SUBMARINE

Submarine television camera. Azerb. neft. khoz. 35 no. 2:7 F '56.

PHOTOMETER

FT-2 universal photometer. V. S. Khazanov, S. G. IUrov, L. I. Belen'kii. Svetotekhnika 2 no. 4:19-22 Jl '56.

PHOTOMETRY

Cytophotometry; quantitative cytochemical methods. V. IA. Brodskii. Usp. sovr. biol. 42 no. 1:87-107 Jl-Ag '56.

Flame photometry method for determining potassium in rocks and minerals. I. G. Gurvich, E. I. Khanaev. Izv. AN SSSR. Ser. geol. 21 no. 6:101-109 Je '56.

Luminiscent heterochromous photometry in the ultraviolet spectrum. I. Kondilenko, B. N. Stetsenko. Nauk. zap. Kiev. un. 14 no. 8:137-140 '55.

Photometric determination of the degree of oxygen saturation of the blood. I. S. Balakhovskii. Vop. med. khim. 2 no. 4:316-317 Jl-Ag '56.

PHOTOMETRY, ASTRONOMICAL

Absolute photometry of selected sections of the Milky Way. D. A. Rozhkovskii. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:25-55 '55.

Relation of readings on the objective microphotometer to the width of the slit and the magnitude of the sky background. Errors in the photographic process. V. I. Ivanikov. Biul. Stal. astron. obser. no. 15:20-23 '56.

Using the photometric connection of meteor trails with daily star trails for building up the characteristics curve. V. I. Ivanikov. Biul. Stal. astron. obser. no. 15: 14-19 '56.

PHOTONS—SCATTERING

Scattering of photons by nucleons. R. N. Gurzhi. Zhur. eksp. i teor. fiz. 30 no. 6:1079-1083 Je '56.

Scattering of photons by nucleons and nucleon isobars. V. I. Ritus. Zhur. eksp. i teor. fiz. 30 no. 6:1070-1078 Je '56.

PHOTOPERIODISM

Changes in the photoperiod and the productivity of plants. V. O. Kazarian, A. M. Eglazarian, N. V. Balagezian. Dokl. AN Arm. SSR 9 no. 3:123-127 '48.

Photoperiodical adaptation and geographical origin of plants. F. F. Matskov. Nauk. zap. Kiev. un. 8 no. 5:13-33 '49.

Relationship between photoperiodism and basic physiological processes in plants. M. Kh. Chailakhian. Dokl. AN Arm. SSR 16 no. 4:109-115 '53.

PHOTOSYNTHESIS

Absorption of light by the leaves of field crops. A. V. Kostin. Izv. TSKhA no. 1:79-94 '56.

Assimilation of organic compounds by purple bacteria in the presence of light [with English summary in insert]. E. N. Kondrat'eva. Mikrobiologiia 25 no. 4:393-400 Jl-Ag '56.

Light and dark reactions inphotosynthesis V. A. Brilliant. Nauk. zap. Kiev. un. 8 no. 5:45-50 '49.

Temperature and light limits of photosynthesis in Laminaria digitata. E. R. Glubbenet. Nauk. zap. Kiev. un. 8 no. 5:51-57 '49.

PHOTOTELEGRAPHY

Noise resistance and the efficiency of telephoto-radio communication in the presence of fluctuation noise. A. G. Ziuko. Radiotekhnika 11 no. 8:14-24 Ag '56.

PHTHALAZINE

Apressin therapy for hypertension. G. N. Teregulov, A. I. Kopylova, A. G. Khairullina. Klin. med. 34 no. 5:74-77 My '56.

PHTHALIMIDE

Research in the field of compounds labeled with $C^{14}$ and $N^{15}$. Part 4. Synthesis of "key" compounds. V. I. Maimind and others. Zhur. ob. khim. 26 no. 7:1962-1967 Jl '56.

PHYLLOXERA

New hybrid forms of phylloxera-resistant vine stocks. A. G. Gavaketashvili. Soob. AN Gruz. SSR 17 no. 6:503-507 '56.

PHYLOGENY

Significance of the soil in the origin and evolution of insects [with summary in English]. M. S. Gilarov. Ent. oboz. 35 no. 3:487-494 '56.

Worthless work on plant phylogeny. S. IU. Lipshits. Bot. zhur. 41 no. 7:1050-1053 Jl '56.

PHYSICAL CHEMISTRY see Chemistry, Physical and theoretical

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Ukraine; White Russia)

Active rest. I. Sarkisov-Serazini. Sov. kras. kreat 6 no. 4:16-17 Jl-Ag '56.

All-Russian conference on physical training in the school. Sov. pedag. 20 no. 10:126-128 O '56.

Bring about methodical and scientific practice in physical education departments. E. S. Makhova. Vest. vys. shkoly 14 no. 8:38-39 S '56.

Early athletic specialization abroad. E. N. Kaltmazova. Teor. i prak. fiz. -kul'. 19 no. 8:632-635 '56.

Education methodology conference of physical culture and sports. Teor. i prak. fiz. -kul'. 19 no. 8:637-638 '56.

Festival of youth. L. Borodina. Sov. zhen. 12 no. 9: 46 S '56.

For a new powerful expansion of the physical-culture movement among the masses. A. Shevchenko. Sov. profsoiuzy 4 no. 9:8-13 S '56.

Improving the quality of dissertations on physical culture and sports. Teor. i prak. fiz. -kul'. 19 no. 8: 639-640 '56.

Napukh, Z. IA. [With the "Torpedo" emblem] S emblemoi "Torpedo." [Moskva] Izd-vo VTsSPS, 1956. 73 p.

"Outline of the biochemistry of sports." N. N. IAkovlev. Reviewed by E. V. Lukhno. Ukr. biokhim. zhur. 28 no. 3:369-371 '56.

Physical culture and sports should reach all youth. I. Zubkov. Mol. komm. 14 no. 8:18-24 Ag '56.

Physical education for the people. Sots. Uz. 15 no. 8: 2-3 Ag '56.

Physical exercise is a friend of the strong and a helper of the weak. N. Gordeev. Sov. kras. kreat 6 no. 4:18-19 Jl-Ag '56.

The physical training of students is the general responsibility of the entire educational staff. V. G. IAkovlev. Sov. pedag. 20 no. 10:3-11 O '56.

Plenum of the Scientific and Methodological Council on problems of physiology. K. V. Popova. Teor. i prak. fiz. -kul'. 19 no. 8:636-637 '56.

Visual aids in teaching motions to pupils. M. A. Cherevkov. Sov. pedag. 20 no. 10:12-23 O '56.

Work of the best rural physical culture groups. Teor. i prak. fiz. -kul'. 19 no. 8:614-615 '56.

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY see Bibliography—Physical education and training

PHYSICAL EDUCATION FOR CHILDREN
(see also subdivision under Bucharest; Poland)

For improvement in the physical training of school children. Teor. i prak. fiz. -kul'. 19 no. 8:561-567 '56.

For the further development of physical culture and sports among students. A. Arsen'ev. Nar. obr. no. 9:17-25 S '56.

Physical culture and children's health. V. M. Volkov. Zdorov'e 2 no. 9:1-3 S '56.

Physical training in our kindergarten. V. M. TSinman. Doshk. vosp. 20 no. 9:21-24 S '56.

Raising teachers' qualifications in the field of physical education. M. V. Leikina, M. M. Shoshina. Doshk. vosp. 20 no. 9:28-30 S '56.

Russia(1917- R. S. F. S. R.) Komitet po fizicheskoi kul'ture i sportu. [Physical education in the schools; the practice of seven-year and secondary schools of the R. S. F. S. R.] Fizicheskoe vospitanie v shkole; iz opyta raboty semiletnikh i srednikh shkol RSFSR. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 62 p.

Teaching basic movements to preschool children." A. I. Bykova. Reviewed by E. A. Lebedeva. Doshk. vosp. 29 no. 9:46-48 S '56.

PHYSICAL FITNESS

Some physiological mechanisms of hardening. F. D. Marchuk. Fiziol. zhur. [Ukr.] 2 no. 3:131-136 My-Je '56.

PHYSICAL GEOGRAPHY
(see also subdivision under Africa; Antarctic regions; Asia; Australia; Azov Sea region; Carpathian Mountain region; Carpathian Mountains; Caucasus; China; Lvov Province; Oceanics; Rovno Province; Stanislav Province; Styr' Valley; Tatra; Tien Shan; Ural Mountains; Uzh Valley)

Classification of salt structures. Sh. A. Panakhi. Trudy Azerb. ind. inst. no. 9:12-20 '55.

Conference on geomorphological mapping. S. V. Epshtein. Izv. AN SSSR. Ser. geog. no. 4:163-167 Jl-Ag '56.

Interrelation and interdependence of components of a geographic environment and the role of interchange of matter and energy in them. A. A. Grigor'ev. Izv. AN SSSR. Ser. geog. no. 4:38-45 Jl-Ag '56.

Morphological structure of a geographical landscape. K. I. Geronchuk. Izv. Vses. geog. ob-va 88 no. 4:370-376 Jl-Ag '56.

"Selected readings in physical geography: Africa, America, Australia, and Antarctica." N. A. Gvozdetskii, G. M. Ignat'ev, L. A. Mikhailova. Reviewed by P. Terekhov. Geog. v shkole 19 no. 4:70-71 Jl-Ag '56.

PHYSICAL GEOGRAPHY—PERIODICALS see subdivision under France

PHYSICAL GEOGRAPHY—STUDY AND TEACHING

Program and contents of a course in the physical geography of the U. S. S. R. in pedagogical institutes. T. K. Tolokonnikova. Izv. Vses. geog. ob-va 88 no. 4:378-379 Jl-Ag '56.

Studying relief by means of contour lines in the seventh class. N. M. Borozdinov. Geog. v shkole 19 no. 4: 47-51 Jl-Ag '56.

PHYSICAL INSTRUMENTS

Photo-recording device. Z. I. Vasilevska. Prykl. mekh. 2 no. 3:347-348 '56.

PHYSICAL INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Physical instruments

PHYSICAL METALLOGRAPHY

The breakdown process in thin plate samples of a solid solution. M. I. Zakharova, I. N. Soboleva. Dokl. AN SSSR 108 no. 5:841-842 Je '56.

PHYSICAL METALLURGY

Characteristics of elastic hysteresis and internal friction. A. G. Rakhshtadt. [Trudy] MVTU no. 41:192-203 '55.

The influence of cold treatment of the characteristic Debye temperature of carbon steel. V. I. Korotkov, B. N. Finkel'shtein. Dokl. AN SSSR 108 no. 5:846-847 Je '56.

Pogodin-Alekseev, G. I., IU. A. Geller, and A. G. Rakhshtadt. [Physical metallurgy; methods of analysis, laboratory work and problems] Metallovedenie; metody analiza, laboratornye raboty i zadachi. Izd. 2-oe, perer. Moskva, Gos. izd-vo obor. promyshl., 1956. 427 p.

PHYSICAL METALLURGY—HISTORY see subdivision under Moscow

PHYSICAL THERAPY

"Physical therapy." A. I. Abrikosov and others. Reviewed by B. M. Brozerzon. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:83-86 Jl-S '56.

Scientific session of the Sverdlovsk Scientific Research Institute of Physical Therapy. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:88-94 Jl-S '56.

PHYSICS

Richmann, Georg Wilhelm. [Works on physics] Trudy po fizike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 710 p.

PHYSICS—ABSTRACTS

[Physics; abstracts 27651-30600] Referativnyi zhurnal: Fizika no. 10 O '56.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—EXPERIMENTS

Pokrovskii, A.A., and B.S.Zvorykin. [Demonstration laboratory experiments in secondary school physics; manual for secondary school teachers] Frontal'nye laboratornye zaniatiia po fizike v srednei shkole; rukovodstvo dlia uchitelei srednei shkoly. Izd. 5-oe, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 199 p.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Pokrovskii, A.A., and others. [Practical work in physics for senior classes of secondary schools; a manual for teachers] Praktikum po fizike v starshikh klassakh srednei shkoly; posobie dlia uchitelia. Pod red. A.A. Pokrovskogo. Izd. 3-e, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 288 p.

PHYSICS—RESEARCH

In the Department of Physics. R.V. Khokhlov. Vest. Mosk. un. 11 no. 5:147-149 My '56.

PHYSICS—STUDY AND TEACHING
(see also subdivision under Yugoslavia)

Analysis of physics experiments and apparatus. V.N. Bakushinskii. Izv. Akad. ped. nauk RSFSR no. 56:103-154 '54.

The relationship between the teaching of physics and chemistry in school. L.A. TSvetkov. Izv. Akad. ped. nauk RSFSR no. 56:99-102 '54.

PHYSICS, ASTRONOMICAL see Astrophysics

PHYSICS, NUCLEAR see Nuclear physics

PHYSIOLOGICAL APPARATUS

Attachment for the KP-14 oxygen apparatus for giving oxygen to sick. IA.M. Trodler. Voen.-med. zhur. no. 10:82-83 O '55.

Registration of curves on tracing paper by eosin. P.I. Belousov. Klin. med. 34 no. 7:85-86 Jl '56.

PHYSIOLOGICAL CHEMISTRY

Knowledge of chemistry in a course on human anatomy and physiology. I.D. Zverev. Est. v shkole no. 5:60-62 S-O '56.

"Outline of the biochemistry of sports." N.N. IAkovlev. Reviewed by E.V. Lakhno. Ukr. biokhim. zhur. 28 no. 3:369-371 '56.

Regularities in the secretion of inorganic substances in the saliva of dogs. A.I. Emchenko. Nauk. zap. Kiev. un. 8 no. 7:171-211 '50 [1. c. '49].

PHYSIOLOGICAL OPTICS see Optics, Physiological

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGICAL PSYCHOLOGY see Psychology, Physiological

PHYSIOLOGICAL THERAPEUTICS see Therapeutics, Physiological

PHYSIOLOGY

Chernogorov, I.A. [The Vvedenskii-Ukhtomskii's doctrine in the clinical treatment of internal diseases] Uchenie Vvedenskogo-Ukhtomskogo v klinike vnutrennikh boleznei. Moskva, Gos. izd-vo med. lit-ry, 1956. 95 p. DAFM

PHYSIOLOGY—BIBLIOGRAPHY see Bibliography—Physiology

PHYSIOLOGY—CONGRESSES

Notes on the Eighth All-Union Congress of Physiologists, Biochemists, and Pharmacologists. O.G. Lorents, IA.A. Epshtein, G.L. Mednik. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:171-182 '56.

PHYSIOLOGY—STUDY AND TEACHING see subdivision under Kiev

PHYSIOLOGY, PATHOLOGICAL

Bogomolets, A.A. [Selected works; in three volumes] Izbrannye trudy; v trekh tomakh. Kiev, Izd-vo Akademii nauk USSR.
Vol. 1. 1956. 282 p.

Outstanding scientist Academician Aleksandr Aleksandrovich Bogomolets; on the 75th anniversary of his birth. A. Solun. Konevodstvo 26 no. 7:10-13 Jl '56.

PHYTOGEOGRAPHY
(see also subdivision under Asia, Central; Kara Kum; Mugodzhar Hills)

Photoperiodical adaptation and geographical origin of plants. F.F. Matskov. Nauk. zap. Kiev. un. 8 no. 5:13-33 '49.

PHYTONCIDES

Action of phytoncides of Alnus incana, of Juniperus, and of Iceland moss on Protozoa. E.V. Sorochenko. Antibiotiki 1 no. 3:50-53 My-Je '56.

PHYTOPLANKTON see subdivision under Murman Coast

PICNOMETER see Pycnometer

PICTURE WRITING

Dispute about ancient inscriptions. IU. Knorozov. Nov. vrem. 14 no. 41:25-29 O '56.

PIECEWORK

Legal regulation of progressive piece rates in Soviet industry. S.I. Shkurko. Sov. gos. i pravo no. 6:22-31 '56.

Simplifying computation of wages. L. Shifel'man, I. Kaplan. Prom. koop. no. 9-10 S '56.

PIEZOELECTRICITY

Effect of impurities on the piezoeffect of the crystal of ammonium dehydrophosphate. F.M. Alemaikin. Dop. ta pov. L'viv. un. no. 5, pt. 2:73-76 '55.

Plonskii, A.F. [Piezoelectricity] P'ezoelektrichestvo. Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 55 p. (Nauchno-populiarnaia biblioteka, no. 30)

PIEZOMETER

Piezoelectric indicator of slow-changing pressure. A.S. Pizio. Dop. ta pov. L'viv. un. no. 5, pt. 2:87-88 '55.

PIGEONS

Raise pigeons. V. Larionov. Okh. i okh. khoz. no. 9:29-30 S '56.

PIGS see Swine

PIKE FISHING

Water "wolf." P. Stefarov. Zmina no. 8:24 Ag '56.

PILE BRIDGES see Bridges, Pile

PILE DRIVING
(see also subdivision under Caspian Sea)

Driving reinforced concrete piles by the wash method using compressed air. P.V. Denisov. Gidr. stroi. 25 no. 7:25-28 Ag '56.

PILING (CIVIL ENGINEERING)

Calculating wooden pile foundations (pile framework) for horizontal loading. M.M. Arkhangel'skii. Trudy NIIZHT no. 11:102-129 '55.

Directive on testing piles and soils. Transp. stroi. 6 no. 8:15 Ag '56.

Method for serial calculation of tall frame-type pile grating. A.A. TSar'kov. Trudy MIIT no. 65/66:114-118 '56.

New design for standard test piles having rubber chambers P.V. Mal'tsev, V.O. Osipov, S.A. Popov. Trudy MIIT no. 65/66:28-41 '56.

Screw piles in hydraulic engineering. M.A. Ordelli. Gidr. stroi. 25 no. 8:18-20 S '56.

Wash method of pile driving with additional introduction of compressed air. E.I. Zavadskii, G.M. Zhidenko. Avt. dor. 19 no. 7:29-30 Jl '56.

PILOCARPINE—PHYSIOLOGICAL EFFECT

Effect of vegetative poisons on the secretion of bile during the postembryonal period of the organism. I.A. Medianik. Dop. ta pov. L'viv. un. no. 5, pt. 2:36-39 '55.

PILOTS AND PILOTAGE see subdivision under Suez Canal

PINCHERIA, ALBERTO, 1907-

Three masters of Italian literature. Juliette Bertran. V zashch. mira no. 64:81-88 S '56.

PINE
(see also subdivision under Komi A.S.S.R.; Przheval'sk District)

Abietic acid, the primary resin acid from the exudation of Pinus silvestris. I.I. Bardyshev, L.I. Ukhova. Dokl. AN SSSR 109 no. 1:89-90 Jl-Ag '56.

Effect of soil conditions on the reproduction of pine-sphagnum forests in cut-over areas. L.A. Verkholantseva. Trudy Komi fil. AN SSSR no. 3:59-69 '55.

PINE—DISEASES AND PESTS

Long-range study of insects in pine plantations of the southeast sandy areas [with English summary in insert]. A.I. Vorontsov. Zool. zhur. 35 no. 6:847-862 Je '56.

Some data on the spreading of hyphae of different species of wood-staining fungi in the wood of the pine. S.A. Tumanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 8:37-45 Ag '56.

PINEAL BODY—ABNORMITIES AND DEFORMITIES

A case of microcephaly with absence of the pineal gland and underdeveloped genital organs. N.S. Sysak. Probl. endok. i gorm. 2 no. 2:121-124 Mr-Ap '56.

PING-PONG see Table tennis

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Erivan; White Russia)

A healthful and interesting vacation for Soviet children. E. Glebov. Sov. profsoiuzy 4 no. 7:60-62 Jl '56.

Kel', O.S., and others. [The council of the Pioneer group group is the organizer of Pioneer work at school] Sovet druzhiny - organizator pionerskoi raboty v shkole. Pod red. V.G. IAkovleva. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 85 p. (Pionerskaia i komsomol'skaia rabota v shkole)

"Leaders on their work." Reviewed by R. Deianikova. Mol. komm. 14 no. 8:124-126 Ag '56.

A needed series. M.I. Khoikhin. Sov. pedag. 20 no. 8:109-112 Ag '56.

Planned and carried out. IU. Novikova. Pioner no. 9:27-28 S '56.

Promote independent activity among Pioneers. D. Nesterov. Nar. obr. no. 9:48-50 S '56.

Zubritskii, N.P. [Our Pioneer camp] Nash pionerskii lager'. [Moskva] Izd-vo VTaSPS Profizdat, 1956. 74 p.

PIPE

All-Union conference of pipe industry workers. A.G. Kamershtein, K.E. Ivanova. Stroi. pred. neft. prom. 1 no. 7:26-27 S '56.

Conveyer for pipe factories. A.N. IAnishevskii. Vod. i san. tekh. no. 9:1-4 S '56.

Type of pipes in refrigerating equipment. Mias. ind. SSSR 27 no. 4:58-59 '56.

PIPE—HYDRODYNAMICS

Equilibrium of an elastic thin-walled pipe subjected to internal pressure applied to a 2c. length section. V.N. Ionov. Vest. Mosk. un. 11 no. 5:13-24 My '56.

PIPE, CAST-IRON

Continuous casting of pipes. A.D. Popov. Lit. proizv. no. 8:7-8 Ag '56.

PIPE, STEEL

"Interfactory exchange of progressive practices in the pipe rolling industry" A.I. Ezrets, D.E. Rokhman, M.P. Glikin. Metallurg no. 8:3 of cover Ag '56.

Variations in pipe walls rolled on a three-high mill. P.K. Teterin, F.A. Danilov, E.S. Trifonov. Stal' 16 no. 8:721-727 Ag '56.

PIPE, STEEL—WELDING
(see also subdivision under United States)

Efforts to avoid rejects in the production of welded pipes. IU.A. Mednikov. Metallurg no. 8:23-26 Ag '56.

PIPE BENDING

Machine for bending pipes of a diameter from 102 to 219 millimeters without sand filling and without heating. F.M. Molchanov. Vod. i san. tekh. no. 7:32-33 Jl '56.

PIPE FITTING

Approximate calculation of expanded boiler-tube joints. N.I. Glagolev. Inzh. sbor. 23:111-120 '56.

Factory produced elbows and couplings. A.G. Kamershtein. Vod. i san. tekh. no. 9:4-7 S '56.

Individual pipe closer. S.V. Bogoslovskii. Energetik 4 no. 9:13 S '56.

PIPE FITTING, MARINE see Marine pipe fitting

PIPELINES
(see also subdivision under Israel)

Device for determining the path and depth of placement of pipelines. G.M. Borun, Z.S. Lutsel. Vod. i san. tekh. no. 9:8-12 S '56.

Economic indicators for the evaluation of work production methods in underground pipe laying. S.P. Zaltsev. Biul. stroi. tekh. 13 no. 8:16-18 Ag '56.

Investigation of water hammer in a branching system of pipelines by the operational method. IU.V. Krylov. [Trudy] MVTU no. 57:5-34 '55.

New techniques for outdoor pipeline installation. M.Z. Sdobnov. Stroi. pred. neft. prom. 1 no. 7:27-28 S '56.

Precast reinforced-concrete structures for overhead pipelines. A.A. Skvortsov. Elek. sta. 27 no. 8:28-29 Ag '56.

PIPERIDINE

Effect of promedol on excitation and inhibition processes of the cerebral cortex. Hsüeh Ping. Farm. i toks. 19 no. 4:3-11 Jl-Ag '56.

Synthesis of 3-vinylpiperidine. L.N. IAkhontov, M.V. Rubtsov. Zhur. ob. khim. 26 no. 7:2040-2042 Jl '56.

Use of a new analgesic, anadol, in internal diseases. I.V. Sokolov. Sov. med. 20 no. 8:62-65 Ag '56.

PIPERYLENE

Hypochlorination of piperylene. A.N. Pudovik, B.E. Ivanov. Zhur. ob. khim. 26 no. 7:1910-1914 Jl '56.

Research in the field of conjugate systems. Part 64. Effect of benzosulfobromamide on piperylene solutions in methyl and ethyl alcohols. T.A. Zyrianova, A.A. Petrov. Zhur. ob. khim. 26 no. 7:1918-1926 Jl '56.

PIPETTES

Device for working with pipettes. P.A. Korolev. Gig. i san. 21 no. 9:80 S '56.

A pipette for recovering fragments and complexes of cancerous cells in hemorrhagic exudations. N.G. Alekseev. Lab. delo 2 no. 4:28 Jl-Ag '56.

PIRNA-COPITZ, GERMANY—EDUCATION

The system of future prospects in the educational practice of the J. H. Pestalozzi School. Ch. Stanelle. Sov. pedag. 20 no. 9:108-117 S '56.

PIROGOV, NIKOLAI IVANOVICH, 1810-1881

Minutes of sessions of the N. I. Pirogov Surgical Society. Vest. khir. 77 no. 8:155-157 Ag '56.

On the history of the sorting of casualties introduced by N. I. Pirogov. N. A. Oborin. Voen.-med. zhur. no. 10: 84-87 O '55.

PIS'MENNYI, ALEKSANDR GRIGOR'EVICH

The large in the small ("In a small town." A. Pis'mennyi. Reviewed by Lev Slavin). Novyi mir 32 no. 8: 250-253 Ag '56.

PISTACHIO—DISEASES AND PESTS

Biology of pistachio aphids and their forms with incomplete metamorphosis in Tajikistan. M. N. Narzikulov. Trudy AN Tadzh. SSR 5:67-75 '52.

The pistachio coddling moth, a pest of pistachio in Central Asia. A. M. Gerasimov, V. E. Kreitsberg. Ent. oboz. 35 no. 1:85-88 '56.

PITUITARY BODY

Effect of cortisone on the ACTH content in the pituitary in rats. N. V. Mikhailova. Probl. endok. i gorm. 2 no. 1: 79-81 Ja-F '56.

Hypophysis - adrenal cortex. E. I. Tarakanov. Klin. med. 34 no. 7:93-95 Jl '56.

PITUITARY BODY—DISEASES

Psychic disorders in cerebro-hypophysial cachexia. M. G. Malkina, A. V. Arkhangel'skii. Probl. endok. i gorm. 2 no. 1:3-7 Ja-F '56.

PITUITARY EXTRACT

Effects of a pituitary preparation on some aspects of fat metabolism. S. M. Leites, A. A. Molchanova, T. S. IAkusheva. Probl. endok. i gorm. 2 no. 3:49-53 My-Je '56.

PITUITARY GLAND

Changes in the pituitary and in the sex glands in goiter cases in Bucovina. A. A. Dikshtein. Probl. endok. i gorm. 2 no. 1:32-34 Ja-F '56.

PLACENTA

Vital staining of allantois and yolk placentas in Rodentia. M. IA. Subbotin. Dokl. AN SSSR 109 no. 2: 384-386 Jl '56.

PLAGUE

Lobanov, V. N. [Pathological anatomy and pathogenesis of plague in man] Patologicheskaia anatomiia i patogenez chumy u cheloveka. Moskva, Gos. izd-vo med. lit-ry, 1956. 175 p.

V. IA. Kokosov, a pioneer in the investigation of marmot plague. V. I. Dmitrieva. Zhur. mikrobiol. epid. i immun. 27 no. 9:103-105 S '56.

PLAGUE—PREVENTIVE INOCULATION

Case of allergic reaction to living dry antiplague vaccine. M. P. Kozlov, D. Norov. Zhur. mikrobiol. epid. i immun. 27 no. 9:77-78 S '56.

Results of using polyvalent embryovaccine and experience in preparing dry vaccine for preventing plague in carnivores. E. S. Cherkasskii. Trudy VNIO no. 16:188-189 '56.

PLANETS

Baev, K. L. [The earth and the planets] Zemlia i planety. Izd. 2-oe, perer. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 46 p. (Nauchno-prosvetitel'naia biblioteka, no. 12)

PLANETS, MINOR

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. [The ephemerides of minor planets for 1957] Efemeridy malykh planet na 1957 god. Moskva, Vol. II. 1956. 170 p.

PLANING MACHINES

Cutting surfaced veneer with planer saws. M. I. Gorshkov and others. Der. prom. 5 no. 8:3-4 Ag '56.

PLANKTON see subdivision under Pacific Ocean

PLANNING, REGIONAL see Regional planning

PLANT BREEDING

Breeding for higher protein content. A. M. Konstantinova. Nauka i pered. op. v sel'khoz. no. 9:4-6 S '56.

Seed-testing plots of the All-Union Institute of Plant Breeding. T. N. Shevchuk. Nauka i pered. op. v sel'khoz. no. 8:25-27 Ag '56.

PLANT CELLS AND TISSUES

Developing the concept of plant cell structure. V. N. Beliaeva. Est. v shkole no. 5:32-36 S-O '56.

Development of vascular tissue in wheat and onion leaves. L. P. Chel'tsova. Izv. AN SSSR. Ser. biol. no. 4:74-82 Jl-Ag '56.

Effect of ultrasonic waves on plant cells (fern prothallia). L. P. Breslavets, I. E. El'piner. Biofizika 1 no. 5:448-451 '56.

On the localization of protein synthesis in the plant cell [with English summary in insert]. B. P. Pleshkov, Sh. Ivanko. Biokhimiia 21 no. 4:496-498 Jl-Ag '56.

Practice of growing pollen tubes for cytological observations during the lifetime of plants. K. IU. Kostriukova. Nauk. zap. Kiev. un. 8 no. 5:5-12 '49.

Refractometric method for determining the percentage of crushed cells in meats. G. I. Baglai. Masl.-zhir. prom. 22 no. 6:7-9 '56.

PLANT CUTTINGS

Importance of different quality of grapevine shoots in preparing cuttings. O. I. Matveeva. Sad i og. no. 8:69 Ag '56.

PLANT DISEASES—BIBLIOGRAPHY see Bibliography—Plant diseases

PLANT LICE

(see also subdivision under Kanev District; Tajikistan)

Comparative study of the embryonic development of Aphididae (Aphidius and Ephedrus) [with summary in German]. O. M. Ivanova-Kazas. Ent. oboz. 35 no. 2: 245-261 '56.

Jumping plant lice of the genus Caillardia Bergevin (Homoptera, Psyllidae) harmful to saksaul [with summary in English]. M. M. Loginova-Dudykina, V. IA. Parfent'ev. Ent. oboz. 35 no. 2:377-396 '56.

Plant lice (Homoptera, Aphidoidea) harmful to Tamarix. O. I. Ivanovskaia. Ent. oboz. 35 no. 2:371-376 '56.

Temperature conditions of the woolly aphids. I. N. Stepantsev. Izv. Otd. est. nauk AN Tadzh. SSR no. 13: 139-143 '56.

Ties of plant lice to plants that feed them in the process of development. M. N. Narzikulov. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:57-67 '52.

PLANT PROPAGATION

Vegetative propagation of perennial grasses from filiform roots. S. A. Kott. Biul. MOIP. Otd. biol. 61 no. 3:92-93 My-Je '56.

PLANT QUARANTINE

Our experience in the quarantine of imported plants and products. A. D. Sokolov. Zashch. rast. ot vred. i bol. 1 no. 3:44-48 Jl-Ag '56.

Tasks of the plant quarantine inspection at customhouses. V. V. Abramenko. Zashch. rast. ot vred. i bol. 1 no. 3: 42-44 Jl-Ag '56.

Twenty-fifth year of the plant quarantine service. A. K. Markin, V. N. Obolenskii. Zashch. rast. ot vred. i bol. 1 no. 3:37-42 Jl-Ag '56.

PLANT REGULATORS see Growth promoting substances

PLANTAIN

Alkaloids from the plantain Plantago ramosa, syn. P. indica. Part 2. A. V. Danilova. Zhur. ob. khim. 26 no. 7:2069-2071 Jl '56.

PLANTERS (AGRICULTURAL MACHINERY)

Evaluating the performance of new checkrow potato planters. O. A. Safrazbekian, M. G. Vasilievich, L. A. Shcherbakova. Sel'khozmashina no. 8:18-22 Ag '56.

PLANTING see Afforestation

PLANTS—ANATOMY see Botany—Anatomy

PLANTS—ASSIMILATION

On phosphorus assimilation of seedlings of arboreal and herbaceous plants. A. D. Tarabrin. Dokl. AN SSSR 108 no. 5:965 Je '56.

PLANTS—CHEMICAL ANALYSIS

Colorimetric ninhydrin method of determining amino nitrogen in plants. Kh. M. Pochynok, B. I. Borshtein. Ukr. biokhim. zhur. 28 no. 3:354-363 '56.

Dynamics of chlorophyll in leaves of Buxus sempervirens L. in the open and under cover. L. K. Polishchuk. Nauk. zap. Kiev. un. 8 no. 5:147-152 '49.

Particular aspects of chemical structure and biochemical processes depending on the size of plants. A. S. Okanenko. Nauk. zap. Kiev. un. 7 no. 6:225-230 '48.

Selection of food plants according to their dietetic qualities. L. O. Tokar'. Nauk. zap. Kiev. un. 8 no. 5:195-211 '49.

Spectrophotometeric determination of dehydrogenase activity in green suspensions [with English summary in insert]. E. S. Mikhailova, G. P. Brain. Biokhimiia 21 no. 4:444-447 Jl-Ag '56.

PLANTS—CLASSIFICATION see Botany—Classification

PLANTS—COLLECTION AND PRESERVATION

Drying plants to retain their shape. N. I. Matveev. Est. v shkole no. 5:80-81 S-O '56.

PLANTS—ECOLOGY see Botany—Ecology

PLANTS—ELECTROPHYSIOLOGY see Electrophysiology of plants

PLANTS—FROST RESISTANCE

Effect of growing conditions on the frost-resistance of winter crops. D. F. Protsenko, G. M. Dubinskaia, E. F. IAdrintseva. Nauk. zap. Kiev. un. 8 no. 5:91-116 '49.

Effect of the growing conditions of alfalfa on its frost resistance and winter hardiness. M. IA. Tregubenko. Nauk. zap. Kiev. un. 8 no. 5:117-133 '49.

Frost-resisting properties of the root system in grasses. S. IA. Minnberh. Nauk. zap. Kiev. un. 7 no. 6:111-131 '48.

Intensity of regeneration in different varieties of grasses according to frost-resistance. S. IA. Minnberg. Nauk. zap. Kiev. un. 8 no. 5:101-104 '49.

Winter hardiness of the tea plant. V. A. Evstaf'eva. Agrobiologiia no. 4:50-61 Jl-Ag '56.

PLANTS—IRRITABILITY AND MOVEMENTS

Adenosinetriphosphatase activity and mobility in plasma. B. F. Poglazov. Dokl. AN SSSR 109 no. 3:597-599 N '56.

PLANTS—METABOLISM

Effect of low nighttime temperatures on the growth and metabolism of barley plants in the early phases of their development. M. G. Zaitseva. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:27-32 '52.

PLANTS—NOMENCLATURE see Botany—Nomenclature

PLANTS—NUTRITION

Determining mineral requirements of plants. K. P. Magnitskii. Nauka i pered. op. v sel'khoz. no. 7:33-35 Jl '56.

Improving the method of "isolated temperatures." V. M. Dadykin, G. S. Gorbunova. Bot. zhur. 41 no. 6:853-857 Je '56.

Some problems of the foliar nutrition of plants. V. V. Pinevich. Vest. Len. un. 11 no. 15:96-100 '56.

Sulfur intake of plants in root and foliar nutrition. I. V. Mosolov, L. P. Volloidt. Ud. i ur. 1 no. 6:13-17 Ag '56.

PLANTS—REPRODUCTION

Intensity of regeneration in different varieties of grasses according to frost-resistance. S. IA. Minnberg. Nauk. zap. Kiev. un. 8 no. 5:101-104 '49.

Origin and types of reproductive processes in aquatic plants. O. V. Topacheva'kyi. Nauk. zap. Kiev. un. 13 no. 6:65-73 '54.

PLANTS—RESPIRATION

Determining the energy and coefficient of respiration. I. M. Kurbatov. Est. v shkole no. 5:78-79 S-O '56.

PLANTS—TRANSPIRATION

(see also subdivision under Tajikistan)

Field experiment in determining losses of water by plants through transpiration. G. A. Evtushenko. Trudy Pochv. inst. KirFAN SSSR no. 1:46-53 '51.

Group discussion based on experiments in class. P. A. Tan'kov. Est. v shkole no. 5:37-40 S-O '56.

The regulating role of anthocyans (pigments of cell sap) in connection with the opening of plant-leaf stomata. S. A. Stanko. Vest. AN Kazakh. SSR 12 no. 9:102-104 S '56.

PLANTS—WATER REQUIREMENTS

Water content of different leaves of the same plant. I. P. Belokon'. Nauk. zap. Kiev. un. 7 no. 6:203-211 '48.

PLANTS, EFFECT OF BORON ON

Effect of boron on cereals observed in the case of water deficiency in soil at crucial periods of their development. F. D. Skazkin, V. G. Rozhkova. Dokl. AN SSSR 108 no. 5:962-964 Je '56.

PLANTS, EFFECT OF CALCIUM ON

Intake of calcium by plants. I. V. Mosolov, L. I. Lapshina, A. V. Panova. Ud. i ur. 1 no. 7:34-38 Jl '56.

PLANTS, EFFECT OF COPPER ON

Effect of copper fertilizers on meadow grasses grown for seeds. M. D. Bakhulin. Agrobiologiia no. 5:92-98 Jl-Ag '56.

PLANTS, EFFECT OF MAGNESIUM ON

Symptoms of magnesium deficiency in plants. K. P. Magnitskii. Nauka i pered. op. v sel'khoz. no. 9: 17-18 S '56.

PLANTS, EFFECT OF NITROGEN ON

Effect of large doses of nitrogen on the growth and accumulation of rubber in kok-saghyz. D. F. Protsenko. Nauk. zap. Kiev. un. 8 no. 5:59-70 '49.

Role of mineral and biological nitrogen in the agriculture of the U. S. S. R. [with French summary in insert]. F. V. Turchin. Pochvovedenie no. 8:13-23 Je '56.

PLANTS, EFFECT OF PHOSPHORUS ON

Effect of phosphorobacterin on yields and protein content of winter wheat, corn and soybeans. I. S. Kudasheva. Dokl. Akad. sel'khoz. 21 no. 8:20-23 '56.

PLANTS, EFFECT OF POTASSIUM ON

Determining mineral requirements of plants. K. P. Magnitskii. Nauka i pered. op. v sel'khoz. no. 7:41-44 Jl '56.

Determining the potassium requirements of plants [with French summary in insert]. V. V. Tserling. Pochvovedenie no. 6:59-71 Je '56.

Effect of various types of potassium fertilizers on the synthesis of rubber and chemical composition of kok-saghyz. P. A. Vlasiuk, Z. M. Klimovitskaia. Nauk. zap. Kiev. un. 8 no. 5:35-44 '49.

PLANTS, EFFECT OF RADIATION ON

Equipment for the irradiation of plants. A. F. Kleshnin. Svetotekhnika 2 no. 4:14-17 Jl '56.

PLANTS, EFFECT OF RADIOACTIVITY ON
Conference on radiostimulation of plants. N. A. Poriadkova. Biofizika 1 no. 5:498-500 '56.
Conference on radiostimulation of plants. N. V. Timofeev-Resovskii. Bot. zhur. 41 no. 6:933-934 Je '56.

PLANTS, EFFECT OF TEMPERATURE ON
(see also subdivision under Pamirs)
Cytophysiological analysis of the heat resistance of plant cells and some tasks in the field of cytoecology. V. IA. Aleksandrov. Bot. zhur. 41 no. 7:939-961 Jl '56.
Effect of low temperature on physiological processes in some greenhouse plants. D. F. Protsenko, L. K. Polishchuk. Nauk. zap. Kiev. un. 7 no. 6:147-161 '48.
Improving the method of "isolated temperatures." V. P. Dadykin, G. S. Gorbunova. Bot. zhur. 41 no. 6:858-861 Je '56.

PLANTS, FLOWERING OF
Various blossom forms of Merendera trigyna. TS. R. Tonian. Dokl. AN Arm. SSR 10 no. 4:183-188 '49.

PLANTS, ORNAMENTAL see subdivision under Atkarsk District; Frunze (Kirghizistan); Lvov

PLANTS, ORNAMENTAL—DISEASES AND PESTS see subdivision under Kishinev

PLANTS, POTTED
Potted dwarf fruit trees. I. V. TSitsygin. Priroda 45 no. 9:98-100 S '56.

PLANTS, PROTECTION OF
(see also subdivision under Germany, East)
Apply the science of plant protection in the fulfillment of tasks set by the 20th Congress of the Communist Party of the Soviet Union. Zashch. rast. ot vred. i bol. 1 no. 3:3-4 Jl-Ag '56.
Calendar for disease and pests control. Zashch. rast. ot vred. i bol. 1 no. 2:60-62 My-Je '56.
Economical effectiveness of plant protection. M. A. Glebov. Zashch. rast. ot vred. i bol. 1 no. 2:11-12 My-Je '56.
For further development of scientific research in the field of plant protection. Zashch. rast. ot vred. i bol. 1 no. 2:3-5 My-Je '56.
Interdepartment conference on aerosols. G. K. Zashch. rast. ot vred. i bol. 1 no. 2:63 My-Je '56.
Machine-tractor station agronomists working in the field of plant protection. Zashch. rast. ot vred. i bol. 1 no. 3:30 Jl-Ag '56.
Some organizational problems. S. G. Kozhevnikov. Zashch. rast. ot vred. i bol. 1 no. 2:15-16 My-Je '56.

PLANTS, PROTECTION OF—BIBLIOGRAPHY see Bibliography—Plants, Protection of

PLANTS, PROTECTION OF—CONGRESSES see subdivision under Riga

PLANTS, SEX IN
Change of sex in hemp. F. E. Rudenko. Bot. zhur. 41 no. 6:868-870 Je '56.
Formation of reproductive organs in apple trees. I. A. Kolomiets. Nauk. zap. Kiev. un. 8 no. 5:71-90 '49.
Some characteristics of the formation of generative organs in corn inflorescences. E. I. Ustinova. Bot. zhur. 41 no. 6:864-867 Je '56.

PLANTS PHYSIOLOGY see Botany—Physiology

PLASTICITY
Physicochemical theory of plasticity. S. I. Gubkin. Zhur. neorg. khim. 1 no. 8:1334-1349 Je '56.
Some problems in the theory of plasticity. K. S. Zavriev. Trudy Inst. stroi. dela AN Gruz. SSR 4:3-26 '53.

PLASTICS
(see also subdivision under United States)
"Fenolit," water- and acid-resistant electric-insulation plastic. G. S. Petrov, L. V. Pevzner. Khim. prom. no. 3:151-153 Ap-My '56.
Pressure casting of thermoplastics in the USA and Great Britain. A. N. Levin, S. M. Perlin. Khim. prom. no. 4:246-253 Je '56.
Some time will pass... I. Tuzhilkin. Znan. sila 31 no. 9:23-25 S '56.
Toys with plastic mechanism. M. Aleksandrov. Prom. koop. no. 8:20-21 Ag '56.
Universal substitutes. Znan. sila 31 no. 8:24 Ag '56.

PLASTICS—LAMINATION see Laminated plastics

PLATE GLASS
Calculating the technological process of grinding and polishing plate glass. P. IA. Bokin. Stek. i ker. 13 no. 8:6-9 Ag '56.
Some chemical processes used in the polishing of glass. A. G. Minakov, T. S. Dubrovskaia. Stek. i ker. 13 no. 9:23-25 S '56.
Stresses in plate glass and methods of measurement. V. L. Indenbom. Stek. i ker. 13 no. 9:18-23 S '56.

PLATES, IRON AND STEEL
Straightener for plates with varying cross sections. A. S. Ostrinskii, I. B. Rubinshtein. Vest. mash. 36 no. 6:21-23 Je '56.

PLATES, PRINTING see Printing plates

PLATINUM see subdivision under Colombia

PLATINUM BROMIDES
Thermal dissociation of platinum halides. Part 1. Platinum bromides. S. A. Shchukarev and others. Zhur. neorg. khim. 1 no. 1:8-16 [Jan.] '56.

PLATINUM CHLORIDES
Thermal dissociation of platinum halides. Part 2. Platinum chlorides. S. A. Shchukarev, M. A. Oranskaia, T. S. Shemiakina. Zhur. neorg. khim. 1 no. 1:17-23 [Jan.] '56.

PLATINUM COMPOUNDS
Complex compounds of bivalent platinum with tyrosine. L. M. Volshtein, N. S. Velikanova. Zhur. neorg. khim. 1 no. 1:48-52 [Jan.] '56.
Heat of solution and crystal lattice energy of bivalent-platinum tetrammines. I. I. Chernaev, V. A. Palkin. Zhur. neorg. khim. 1 no. 5:890-893 My '56.
Isomerism of platinum acidocomplex compounds. Part 2. Isomeric potassium dichlorotetranitroplatinate. A. V. Babaeva, N. I. Ushakova. Zhur. neorg. khim. 1 no. 2:212-219 F '56.
New methods for the synthesis of tetraminoplatochlorides. Kh. I. Gil'dengershel'. Zhur. neorg. khim. 1 no. 3:400-405 Mr '56.

PLAY PRODUCTION (THEATER) see Theater—Production and direction

PLAYHOUSES see Theaters

PLETHYSMOGRAPHY
Investigation of vascular tonus by means of finger plethysmography in peridural anesthesia, in surgery, and in traumatic shock. L. D. Karpilovskii. Klin. med. 34 no. 6:67-65 Je '56.
Regulation of respiration and blood circulation in somnolent states. A. V. Eremin, I. N. Chernikov. Fiziol. zhur. 42 no. 7:641-645 Jl '56.

PLIERS
Jointing pliers from side-cutting pliers. V. G. Volchkov. Energetik 4 no. 9:25-26 S '56.

PLOWING
(see also subdivision under Moldavia; Tajikistan)
Deep plowing is the basic method of preparing the soil for afforestation. V. F. Kol'tsov. Zemledelie 4 no. 9:49-53 S '56.
Deep subsoiling for corn and sunflower. V. P. Balko, M. A. Khodanovich. Zemledelie 4 no. 9:73-76 S '56.
For correct application of Mal'tsev's soil cultivation methods. G. Kirnos, N. Chuchko. Sel'khoz. Kazakh. no. 4:25-28 Ap '56.
Reliable measure for moisture accumulation and weed control. A. Timofeev. Sovkhoz. proizv. no. 9:70-71 S '56.
Subsoiling for bast plants. N. A. Krasheninnikov. Zemledelie 4 no. 9:59-62 S '56.

PLOWS
(see also subdivision under Staraya Ladoga)
Effective antierosion tillage method. I. S. Altev, V. V. IArovenko. Sovkhoz. proizv. no. 9:63-66 S '56.
New design for plows. P. P. Mazharov. Nauka i perod. op. v sel'khoz. no. 8:29-30 Ag '56.
Turning up water-retaining ridges. V. V. IArovenko, I. S. Altev. Zemledelie 4 no. 9:126-127 S '56.
V. I. Lenin and the production of electric ploughs (1920-1922). P. P. Kovalev. Ist. arkh. no. 4:3-38 Jl-Ag '56.
V. I. Lenin at an electric ploughing demonstration. V. Z. Esin. Ist. arkh. no. 4:173-175 Jl-Ag '56.

PLUM
Time for budding plum trees. V. F. Koltunov. Sad i og. no. 8:44-46 Ag '56.
Training plum seedlings in the nursery. V. G. Kuzhelenko. Sad. vin. Mold. 11 no. 4:42-44 Jl-Ag '56.

PNEUMATIC CONTROL
Force effect of an air jet on a flapper in pneumatic and hydraulic control devices of the "nozzle-flapper" type. V. N. Dmitriev, A. G. Shashkov. Avtom. i telem. 17 no. 6:559-569 Je '56.
Pneumatic automatic control device. Z. S. Poliakov. Priborostroenie no. 9:8-10 S '56.
Pneumatic data transmitter. A. A. Abdullaev. Avtom. i telem. 17 no. 8:758-759 Ag '56.
Transfer of pressure signals by means of pneumatic pipeline. B. Ganush. Avtom. i telem. 17 no. 8:699-706 Ag '56.

PNEUMATIC-TUBE TRANSPORTATION
Improving a pneumatic transportation system. IU. N. Mikol'skii, A. M. Belevitskii. TSement 22 no. 4:17-20 Jl-Ag '56.
Pneumatic transportation of used core sand. V. E. Taruntaev. Lit. proizv. no. 8:16 Ag '56.

PNEUMONIA
Cytological picture of lung punctates in acute and chronic forms of pneumonia. I. S. Mecheva. Lab. delo 2 no. 2:7-9 Mr-Ap '56.
Interaction of rickets and pneumonia in young children. A. I. Perevoshchikova, K. V. Korotkova, L. S. Miklasheva. Sov. med. 20 no. 8:30-34 Ag '56.

POACHING see subdivision under Amur Province

POCHIVALOV, LEONID VIKTOROVICH
A book about our friends ("Our friends beyond the Bug." L. Pochivalov. Reviewed by Mikhail Ignatov). Al'm. Mol. gvard. no. 16:317-319 '56.

PODOLIA—CHESTNUT
Growth of European chestnut (Castanea sativa Mill.) in the forest plantations of Podolia. V. N. Vinogradov. Bot. zhur. 41 no. 7:1035-1037 Jl '56.

PODZOL
Special problems in fertilizing corn on heavy podzolized soils. A. I. Tiutiunnikov. Ud. i ur. 1 no. 8:40-42 Ag '56.

POISONOUS PLANTS
Pasture poisoning and chemical means of controlling poisonous plants. S. G. Miuge. Zhivotnovodstvo no. 8: 75-78 Ag '56.

POISONS—PHYSIOLOGICAL EFFECT
Tasks of veterinary toxicology for the sixth five-year plan. S. V. Bazhenov. Veterinariia 33 no. 9:20-22 S '56.

POKARZHEVSKII, PETR DMITRIEVICH
Always on his way. T. Tikhomirova. Zhorov'e 2 no. 9:12 S '56.

POLAND—AGRICULTURE, COOPERATIVE
In the agricultural cooperatives of Poland. V. Chuvikov. Sots. sel'khoz. 27 no. 6:90-94 '56.

POLAND—BOOKSELLERS AND BOOKSELLING
Popularizing books in Poland. Czeslaw Ringer. Sov. knizh. torg. no. 9:18-20 S '56.

POLAND—BOUNDARIES—GERMANY, EAST
Inviolable boundary. Nov. vrem. 14 no. 36:21 Ag '56.

POLAND—COAL MINES AND MINING
Importance of the Polish-Soviet scientific and technical conference for further development of the Polish coal mining industry. F. Vanelka. Ugol' 31 no. 8:4-6 Ag '56.

POLAND—COMMERCE
Problems of foreign trade in the "Rocznik statystyczny 1955" (Statistical Yearbook 1955) of the Polish People's Republic. Vnesh. torg. 36 no. 9:28 S '56.

POLAND—DRAINAGE
Mole drainage in Poland ("Gospodarka Wodna," no. 7, 1953. Reviewed by F. I. Sakovich). Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:155-157 '56

POLAND—ENSILAGE
Ensilage of potatoes in Poland. N. Emelina. Tekhsov. MTS 17 no. 15:11-13 Ag '56.

POLAND—EXCAVATIONS (ARCHAEOLOGY)
Slavic Pompeii. IU. Kukharenko. Vokrug sveta no. 8:42 Ag '56.

POLAND—FOREIGN ECONOMIC RELATIONS—RUSSIA
On the basis of equality and friendly mutual aid. I. Dudinskii. Slaviane no. 9:28-32 S '56.

POLAND—GEOLOGY
Książkiewicz, M., and J. Samsonowicz. [A sketch of the geology of Poland. Translated from the Polish] Ocherk geologii Pol'shi. Perevod s pol'skogo V. S. Petrenko i I. M. Petrenko. Pod red. i s predisl. N. I. Nikolaeva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 239 p., 2 fold. maps.

POLAND—GLASS MANUFACTURE
Glass manufacture in Poland. K. I. Borisov. Stek. i ker. 13 no. 8:30-31 Ag '56.

POLAND—HISTORY
A discussion on the galley sheets of the first volume of "The history of Poland" prepared by the History Institute of the Polish Academy of Sciences. I. I. Kostiushko, V. D. Koroliuk, I. S. Miller. Vop. ist. no. 7:209-212 Jl '56.
From bourgeois democracy to fascist dictatorship in Poland. V. I. Kalynovych. Nauk. zap. L'viv. un. 27: 146-161 '54.
From the history of antinational political activities of the Polish emigré "government" during the early period of the Second World War. I. I. Beliakevich. Nauk. zap. L'viv. un. 36:85-115 '55.
Ivan Franko on Polish-Ukrainian relations and on Polish history. F. P. Shevchenko. Nauk. zap. Inst. ist. AN URSR 8:51-79 '56.

POLAND—LANGUAGE AND LANGUAGES
Plans of the linguistic institutes of the Polish Academy of Sciences. I. A. Ossovetskii. Vop. iaz. 5 no. 4: 151-154 Jl-Ag '56.
Polish linguistics during 1945-1955. Z. Stieber. Vop. iaz. 5 no. 4:142-151 Jl-Ag '56.

POLAND—LOCAL GOVERNMENT
Permanent committees of the people's soviets in the People's Republic of Poland. K. E. Fedoniuk. Nauk. zap. L'viv. un. 27:42-55 '54.

POLAND—PAPERMAKING MACHINERY
A new-model grinder. P. P. Losev. Bum. prom. 31 no. 8:27 Ag '56.
"Rotabelt" suction strainer; (from "Przegląd Papierniczy" no. 1, 1956). Translated by G. S. TSypkin. Bum. prom. 31 no. 8:27-28 Ag '56.

POLAND—PARASITOLOGICAL SOCIETIES
Polish Parasitological Society. Z. Kozar. Zool. zhur. 35 no. 6:947-948 Je '56.

POLAND—PASTEURELLA TULARENSIS
Characteristic of strains of tularemia bacteria isolated in Poland in 1952-1953. E. Skrodzki. Zhur. mikrobiol. epid. i immun. 27 no. 8:122 S '56.

POLAND—PHYSICAL EDUCATION FOR CHILDREN
Some aspects of physical education in the kindergartens of the Polish People's Republic. E. I. Radina. Doshk. vosp. 29 no. 9:41-45 S '56.

POLAND—POLITICS AND GOVERNMENT
"The constitutional system of the Polish People's Republic." A. Kh. Makhnenko. Reviewed by I. P. Il'inskii. Sov. gos. i pravo no. 4:146-148 '56.

POLAND—RAILROADS—TRACK
Braking tracks on Polish railroads. Zhel. dor. transp. 38 no. 9:89-90 S '56.

POLAND—RELATIONS (GENERAL) WITH RUSSIA
Shoulder to shoulder with the Russian proletariat; interview with B. Tobolski and L. Stachanczyk, veterans of the Polish revolutionary movement. Slaviane no. 9: 33-36 S '55.

POLAND—RESEARCH—PERIODICALS
New periodical of the Polish Academy of Sciences. T. G. Agrobiologiia no. 4:153 Jl-Ag '56.

POLAND—STOCK AND STOCKBREEDING
Some data on animal husbandry in the Polish People's Democracy. A. A. Solov'ev. Zhivotnovodstvo no. 8:84-91 Ag '55.

POLAND—TEXTILE INDUSTRY
Growth of the textile industry in the Polish People's Republic. M. IU. Kagan. Tekst. prom. 16 no. 8:64-66 Ag '56.

POLAND—TRANSPORTATION, AUTOMOTIVE
Automotive transport in the Polish People's Republic. Avt. transp. 34 no. 7:38-39 Jl '56.

POLAR LIGHTS see Auroras

POLAR REGIONS see Arctic regions

POLARIZATION (ELECTRICITY)
Internal fields in polar fluids. L. M. Imanov. Dokl. AN Azerb. SSR 12 no. 8:531-536 '56.

POLARIZATION (LIGHT)
Calculation, production, and examination of polarizing plates. M. P. Lisitsa, A. A. Shishlovskii. Nauk. zap. Kiev. un. 14 no. 8:141-157 '55.
Light polarization in nebulae; (summary). D. A. Rozhkovskii. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:68-70 '55.
Polarization of the radiation of stars of earlier spectral types. V. A. Dombrovskii. Dokl. AN Arm. SSR 10 no. 5:199-207 '49.

POLAROGRAPHY
Examination of the polarographic effect of blood proteins of normal and castrated animals. N. V. Novikova, I. I. Kuz'menko. Probl. endok. i gorm. 2 no. 2:103-108 Mr-Ap '56.
Once more on the polarographic determination of the composition and stability of complex ions in a solution during stepwise complexing. IA. I. Turʹian. Zhur. ob. khim. 26 no. 7:2084-2086 Jl '56.
Polarographic determination of the number of electrons taking part in the electrochemical reduction of bismuth in melts. N. G. Chovnyk, V. V. Vashchenko. Zhur. neorg. khim. 1 no. 4:710-712 Ap '56.
Polarographic determining of furfurole. IA. E. Ekster. Sad. vin. Mold. [illegible] no. 4:50-53 Jl-Ag '56.
[illegible] he kinetics of polymerization [illegible]va, A. N. Matveeva. Zhur. ob. [illegible] '56.
[illegible]minea, weasels [illegible]i, Nagaev. Review- no. 9:55 S '56.
[illegible] GEOLOGY, STRUCTURAL
On differences existing between the geological structure of the Polessk and the Dnieper-Donets depressions. I. IU. Lapkin, E. M. Liutkevich. Dokl. AN SSSR 108 no. 5:927-930 Je '56.

POLESTAR
Observations of the sun and the polestar in the fifth class. P. N. Karnitskii. Geog. v shkole 19 no. 4:40-46 Jl-Ag '56.

POLESYE—AGRICULTURE
Basic problems in the development of socialist agriculture in the Ukrainian Polesye. M. I. Hlibko. Nauk. zap. Kiev. un. 13 no. 3:91-103 '54.

POLESYE—DRAINAGE
Drainage and cultivation of swamps and swampy soils in the Polesye Lowland. I. S. Lupinovich, P. I. Shchitnikov. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:3-20 '55.

POLESYE—FEEDING AND FEEDING STUFFS
Prospects for the development of the feed supply on the collective farms of White-Russian Polesye in connection with the reclamation of swamps. B. M. Rozenblium. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:338-370 '55.

POLESYE—POTATOES
Ways of increasing the effectiveness of azotobacterin given to potatoes in the Ukrainian Polesye. Kh. H. Zinov'eva, H. M. Tyshchenko. Mikrobiol. zhur. 18 no. 3:25-29 '56.

POLESYE—RECLAMATION OF LAND
Problems of the primary cultivation of Bog soils in the White-Russian Polesye. S. G. Skoropanov. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:301-329 '55.
Prospects for the development of the feed supply on the collective farms of White-Russian Polesye in connection with the reclamation of swamps. B. M. Rozenblium. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:338-370 '55.

POLESYE—SOIL MOISTURE
Hydrophysical characteristics of soils in eastern districts of Polesye. M. H. Iovenko. Nauk. zap. Kiev. un. 13 no. 6:173-185 '54.

POLESYE—STREAM MEASUREMENTS
Calculation of the probable daily discharge of Polesye rivers in summer and autumn. E. A. Bragilevskaia. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:182-223 '55.
Probable daily discharge of Polesye rivers. I. M. Livshits. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6: 151-181 '55.
Seasonal and monthly variations in the discharge of rivers in Polesye. I. M. Livshits. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:60-150 '55.

POLESYE—SWAMPS
Drainage and cultivation of swamps and swampy soils in the Polesye Lowland. I. S. Lupinovich, P. I. Shchitnikov. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:3-20 '55.

POLESYE—WATER, UNDERGROUND
Hydrogeology of Ukrainian Polesye to the right of the Dnieper. F. A. Rudenko. Nauk. zap. Kiev. un. 12 no. 4: 59-74 '53.

POLESYE—WHEAT
Comparative study of some physiological and biochemical features of various types of winter wheat in Kievan Polesye. L. K. Polishchuk. Nauk. zap. Kiev. un. 13 no. 6:187-213 '54.

POLIOMYELITIS
Adriana Bellucci. Mol. kolkh. 23 no. 8:20-21 Ag '56.
Basic problems in the clinical aspects, therapy, and prevention of poliomyelitis. M. B. TSuker. Klin. med. 34 no. 6:24-30 Je '56.
Clinical aspects and treatment of poliomyelitis. M. IA. Tureiskii. Fel'd. i akush. 21 no. 8:11-16 Ag '56.
Nazarova-IArik, E. M. [Principal problems in the clinical aspects, differential diagnosis and medical treatment of poliomyelitis] Osnovnye voprosy kliniki differentsial'noi diagnostiki i lecheniia poliomielita. Moskva, Medgiz, 1956. 24 p. (V pomoshch' lektoru) (DAFM)
Poliomyelitis. V. Solov'ev. Krest'ianka 35 no. 8:24 S '56.
Poliomyelitis. V. D. Solov'ev. Voen.-med. zhur. no. 10:57-63 O 55.
Therapeutic and diagnostic value of galantamine in various stages of poliomyelitis. N. A. Shenk, M. B. Eidinova, I. M. Mitbreit. Farm. i toks. 19 no. 4:36-44 Jl-Ag '56.

POLIOMYELITIS—PREVENTION
Our mutual aim is to control poliomyelitis. Albert Sabin. Zdorov'e 2 no. 9:18 S '56.

POLISH ART see Art, Polish

POLISH LANGUAGE—NUMERALS
"Numeral formations of the type 'samotrzeć' in Polish with its basis in Slavic and Indo-European" [in Polish]. P. Zwoliński. Reviewed by I. A. Dzendzelevskii. Krat. soob. Inst. slav. no. 16:79-85 '56.

POLISH LANGUAGE—WORD ORDER
Word order in Polish. A. S. Posvianskaia. Krat. soob. Inst. slav. no. 16:58-67 '56.

POLISH NEWSPAPERS—HISTORY
Ivan Franko at the labor newspaper "Praca." H. D. Verves. Nauk. zap. Inst. ist. AN URSR 8:114-138 '56.

POLISHING, ELECTROLYTIC
Electropolishing of consumers' goods. V. G. Shabunin Vest. mash. 36 no. 6:60-62 '56.
Electropolishing of magnetic soft-alloy tapes using alternating current. A. G. Atanasiants, V. M. Karataev, N. T. Kudriavtsev. Vest. mash. 36 no. 8:67-68 '56.

POLITICAL BALLADS AND SONGS see subdivision under White Russia

POLITICAL SCIENCE
Acquisition of a parliamentary majority by representatives of the working masses. G. S. Gurvich. Sov. gos. i pravo no. 6:32-43 '56.

POLLACK see Codfish

POLLEN
Analysis of buckwheat pollen from the legs of bees. N. S. Davydova. Uch. zap. Kish. un. 13:167-173 '54.
Morphology of the pollen of some leguminous honey plants. E. E. Nika. Uch. zap. Kish. un. 13:103-108 '54.
Pollen grains in amaryllidaceae. K. IU. Kontriukova. Nauk. zap. Kiev. un. 7 no. 6:5-10 '48.
Pollen of certain living and fossil species of the genus Myrica L. A. N. Gladkova. Dokl. AN SSSR 109 no. 1: 213-216 Jl-Ag '56.
Practice of growing pollen tubes for cytological observations during the lifetime of plants. K. IU. Kontriukova. Nauk. zap. Kiev. un. 8 no. 5:5-12 '49.
Protracted storage of fruit bearing plant pollen. A. S. Tatarintsev. Priroda 45 no. 9:103 S '56.
Viability of the pollen of some greenhouse plants. I. V. Borzakivs'ka. Nauk. zap. Kiev. un. 7 no. 6:213-224 '48.

POLLEN, FOSSIL see subdivision under Donets Basin

POLLINATION see Fertilization of plants

POLONIUM
Colloidal properties of polonium. I. E. Starik, N. I. Alekseenko, N. G. Rozovskaia. Izv. AN SSSR. Otd. khim. nauk no. 7:755-763 Jl '56.
Sorption of polonium by glass. I. E. Starik, N. G. Rozovskaia. Zhur. neorg. khim. 1 no. 3:590-605 Mr '56.

POLONIUM COMPOUNDS
Combinations of polonium with halogens. N. G. Poltanskii. Priroda 45 no. 9:88-89 S '56.

POLTAVA DISTRICT—COLLECTIVE FARMS
Even menial work can be great. Aleksandr Mikhalevich. Ogonek 34 36:21-22 S '56.

POLTAVA DISTRICT—SPORTS
In a collective farm stadium. O. Zlodiushko, M. Matvi-chyk. Ukraina no. 16:22-23 Ag '56.

POLTAVA PROVINCE—EMBROIDERY
Sorochintsy embroideresses. A. Rakitnikov. Krest'ianka 36 no. 10:26-28 O '56.

POLTAVA PROVINCE—HISTORY
Suslyk, R. L. [Bloodstained pages from unwritten annals; Poltava Province Cossacks and farmers in the struggle against Moscow Communism] Kryvavi storinky z nepysanykh litopysiv; Kazats'ko-khutorians'ka Poltavshchyna v borot'bi proty Moskovskoho komunizmu. Anglija, [Nakl. avtora] 1956. 337 p.

POLTAVA PROVINCE—INSECTS, INJURIOUS AND BENEFICIAL
Changes in the number of blood-sucking insects attacking man during the solar eclipse of June 30, 1954. V. P. Evlakhova. Med. paraz. i paraz. bol. 26 no. 3:271 Jl-S '56.

POLTAVA PROVINCE—ROADSIDE IMPROVEMENT
How I raised fruit trees along highways. E. G. Paschenko. Avt. dor. 19 no. 8:30-31 Ag '56.

POLTAVA PROVINCE—UKRAINIAN LANGUAGE—DIALECTS
The sounds "y-i" in the western dialects of Poltava Province. I. O. Varchenko. Dial. biul. no. 5:15-30 '55.
Verb forms in modern Poltava dialects. V. S. Vashchenko. Dial. biul. no. 5:9-14 '56.

POLYMERIZATION
Effect of nonelectrolites (alcohols) on the rate of styrene polymerization in emulsion and on the dispersion of styrene latexes. T. S. IUrzhenko, A. I. IUrzhenko. Nauk. zap. L'viv. un. 34:15-25 '56.
Kinetics and mechanism of polymerization initiated by redox systems. Part 1. Various mechanisms for initiating polymerization in aqueous solutions with peroxide compounds. T. M. Gritsenko, S. S. Medvedev. Zhur. fiz. khim. 30 no. 6:1236-1240 Je '56.
New methods for the polymerization of ethylene and of other olefins. A. V. Topchiev, B. A. Krentsel'. Usp. khim. 25 no. 8:921-932 Ag '56.
Polarographic study of the kinetics of polymerization processes. M. I. Bobrova, A. N. Matveeva. Zhur. ob. khim. 26 no. 7:1857-1860 Jl '56.
Polymerization and copolymerization of alkenylalkanes under high pressure. Part 3. A. M. Poliakova and others. Izv. AN SSSR. Otd. khim. nauk no. 8:979-985 Ag '56.

POLYMERIZATION (Continued)

Study of the mechanism of emulsion polymerization. E. V. Zabolotskaia and others. Koll. zhur. 18 no. 4: 420-428 Jl-Ag '56.

Thermal polymerization of allyl phenol ethers. R. A. Ibadulin, A. A. Shamshurin. Dokl. AN Tadzh. SSR no. 1: 8-12 '51.

POLYMERS

Adhesion of high polymers. Part 2. Development of a method for determining the reciprocal adhesion of high polymers. A. I. Shapovalova, S. S. Voiutskii, A. P. Pisarenko. Koll. zhur. 18 no. 4:485-493 Jl-Ag '56.

Relation of the heat of a solution to the physical state of polymers. S. I. Meerson, S. M. Lipatov. Koll. zhur. 18 no. 4:447-455 Jl-Ag '56.

Study of the orientation of high polymers. Part 2. Crystal polymers. IU. S. Lipatov, V. A. Kargin, G. L. Slonimskii. Zhur. fiz. khim. 30 no. 6:1202-1206 Je '56.

POLYNEURITIS see Neuritis, Multiple

POLYNOMIALS

Problem of moments for a finite interval. D. L. Berman. Dokl. AN SSSR, 109 no. 5:895 Ag '56.

POLYSACCHARIDES

Cytochemical investigation of polysaccharides in the typhoid-paratyphoid group of bacteria. B. I. Rukavtsov, M. G. Shubich. Zhur. mikrobiol., epid. i immun. 27 no. 8:72-76 Ag '56.

Polysaccharides of the red seaweed Phyllophora nervosa. S. I. Lebedev, I. A. IArtseva. Dokl. AN SSSR 109 no. 1: 160-163 Jl-Ag '56.

Titration of antiplague serum with specific polysaccharides of Vibrio comma. M. N. Dzhaparidze, N. K. Sidorova. Zhur. mikrobiol. epid. i immun. 27 no. 9: 78-81 S '56.

POMEGRANATE

Ornamental pomegranates in landscaping [in Azerbaijani with summary in Russian]. A. D. Strobkova. Izv. AN Azerb. SSR no. 7:105-109 Jl '56.

POMETUN, GRIGORII KONSTANTINOVICH, 1929-

Peshkin, L.S. [Youth pave the ways; Grigorii Pometun, his teachers and comrades] Molodye prokladyvaiut puti; Grigorii Pometun, ego uchitelia i tovarishchi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 95 p.

POMMA, N.

By means of laughter ("Talak Khyzzyn"; stories [in Turkmen]. N. Pomma. Reviewed by T. Kallakina). Druzh. nar. no. 9:176-176 S '56.

POMOLOGY see Fruit culture

PONTOON BRIDGES

(see also subdivision under Angara River)

Russian pontoniers. M. Goncharenko. Voen. znan. 31 no. 6:30 Je '56.

POPLAVSKII, S. A., 1866-

On Professor S. A. Poplavskii's birthday. Vest. ven. i derm. 30 no. 4:63 Jl-Ag '56.

POPOV, IVAN FEDOROVICH, 1886-

Writer Ivan Popov's 70th birthday. VI. Pimenov. Ogonek 34 38:20 S '56.

POPOV, VASILII VASIL'EVICH, 1867-1956

Vasilii Vasil'evich Popov; obituary. Geod. i kart. no. 2: 73-75 Ap '56.

POPULAR MUSIC see Music, Popular (Songs, etc.)

PORCUPINES see subdivision under Transcaucasia

POROSITY

Correlation between the strength of porous material and the degree and nature of porousness. Z. A. Atsagortsian. Dokl. AN Arm. SSR 16 no. 5:141-147 '53.

Spatial diagram of a porous medium. V. M. Shakhovkin. Trudy MNI no. 10:23-31 '56.

PORPHYRINURIA

Fluorescence determination of porphyrins in urine in periodic medical examinations. G. F. Okeanova. Lab. delo 2 no. 4:9-11 Jl-Ag '56.

PORSHNEV, FEDOR IVANOVICH

Children's friend, Igor' Golosovskii. Sem'ia i shkola 11 no. 9:21-23 S '56.

PORTRAIT PAINTING see subdivision under Uzbekistan

POSPELIKHA DISTRICT—HARVESTING

Joining in work at the height of the harvest. Leonid Lench. Ogonek 34 no. 39:29 S '56.

POSTAGE STAMPS

Philately. Mol. mira no. 7:3 of cover. '56.

POSTAL SERVICE

Overcome backwardness in postal communication. Vest. sviazi 16 no. 8:25-27 Ag '56.

POSTERS

Achievements and tasks of Soviet poster art. A. A. Sidorov. Vop. izobr. isk. no. 2:60-72 '55.

Compare and make your conclusions. M. Novakova. Kul't.-pros. rab. 17 no. 9:52-54 S '56.

Dynamic posters. Prof.-tekh. obr. 13 no. 8:26-27 Ag '56.

POSTURE

Teaching posture to preschool children. A. A. Pod"iapol'skaia, A. V. Uvarova. Doshk. vosp. 29 no. 9:37-39 S '56.

POTASSIUM

Flame photometry method for determining potassium in rocks and minerals. I. G. Gurvich, E. I. Khanaev. Izv. AN SSSR. Ser. geol. 21 no. 6:101-109 Je '56.

Improve the work of the chemical mining industry. Khim. prom. no. 4:253-254 Je '56.

Methods for the effective use of potassium fertilizers along with organic fertilizers. V. U. Pchelkin. Ud. i ur. 1 no. 7:40-45 Jl '56.

Potassium fertilizer for onions. A. IA. Kal'ita. Sad i og. no. 8:23-24 Ag '56.

POTASSIUM BOROFLUORIDE

Interaction of potassium borofluoride with styryl magnesium and phenylacetylenyl magnesium bromides. V. A. Sazonova, N. IA. Krondor. Zhur. ob. khim. 26 no. 7: 1876-1881 Jl '56.

POTASSIUM OXALATOFERRATE (III)

Determination of instability constants for potassium trioxalatoferrate by means of displaced equilibrium. L. I. Vinogradova, B. V. Ptitsyn. Zhur. neorg. khim. 1 no. 3:427-431 Mr '56.

Determination of instability constants of potassium trioxalatoferrate from the interaction of an iron salt with silver oxalate. L. I. Vinogradova, B. V. Ptitsyn. Zhur. neorg. khim. 1 no. 3:432-437 Mr '56.

POTASSIUM PERMANGANATE

Kinetics of thermal decomposition of potassium permanganate in the presence of aluminum. E. S. Osinovik, P. I. Bel'kevich. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:127-129 '56.

POTASSIUM SALTS

Interaction of potassium and lead titanates and molybdates in melts. I. N. Belliaev, M. L. Sholokhovich, G. V. Barkova. Zhur. neorg. khim. 1 no. 5:1026-1034 My '56.

Irreversible-reciprocal system of sodium and potassium sulfates and iodides. R. N. Nlankovskaia. Zhur. neorg. khim. 1 no. 4:763-790 Ap '56.

POTASSIUM SILICOTUNGSTATES

Study of the dehydration and thermal decomposition of potassium silicotungstate. V. I. Spitsyn, I. D. Kolli. Zhur. neorg. khim. 1 no. 3:445-459 Mr '56.

POTASSIUM VANADATE

System: $K_2O - V_2O_5$ in the region of $KVO_3 - V_2O_5$. V. V. Illarionov, R. P. Ozerov, E. V. Kil'disheva. Zhur. neorg. khim. 1 no. 4:777-782 Ap '56.

POTATO BEETLE

Colorado potato beetle. N. N. Shutova, V. I. Medvedova. Sad i og. no. 9:27-28 S '56.

Conference on Colorado potato beetles. V. A. Zashch. rast. ot vred. i bol. 1 no. 3:49-50 Jl-Ag '56.

For stronger control measures against Colorado potato beetles. B. V. IAkovlev. Zashch. rast. ot vred. i bol. 1 no. 3:50-51 Jl-Ag '56.

Photoperiodic reaction in the Colorado beetle (Leptinotarsa decemlineata Say). N. I. Goryshin. Dokl. AN SSSR 109 no. 1:205-208 Jl-Ag '56.

POTATO WART

Study of the nature of wart resistance of potatoes. P. A. Khizhniak. Zashch. rast. ot vred. i bol. 1 no. 2:44 My-Je '56.

POTATOES

(see also subdivision under Germany, East; Polesye)

Carotenoid content and the fertilization process in gynoecia of different age in tomato and potato plants. L. I. Orel, G. B. Samorodova-Bianki. Dokl. AN SSSR 109 no. 2:400-402 Jl '56.

Checkrow planting of potatoes on ridges. G. A. Borisenko. Dokl. Akad. sel'khoz. 21 no. 3:12-16 '56.

Effect of the localized placement of nitrogen and phosphorus fertilizers on the development of the root system of potatoes. V. E. Bulaev. Ud. i ur. 1 no. 7:15-19 Jl '56.

Ensilage of potatoes in Poland. N. Emelina. Tekhsov. MTS 17 no. 15:11-13 Ag '56.

Investigation of acidophilic bacteria for the production of potato ensilage [with English summary in insert]. M. M. Makarova, A. S. Makhalova. Mikrobiologiia 25 no. 4:478-483 Jl-Ag '56.

Method of planting potatoes in ridge rows. V. A. Kosmortov. Trudy Komi fil. AN SSSR no. 1:81-84 '53.

Peculiar features in the conversion of sugars in potato tubers. A. N. Petrova. Dokl. AN SSSR 109 no. 5:1005-1008 Ag '56.

[The potato and vegetables.] Kartofel' i ovoshchi no. 10 O '56.

[The potato and vegetables.] Kartofel' i ovoshchi no. 11 N '56.

Potato harvesting and storage. A. Lagatskii. Kolkh. proizv. 16 no. 9:16 S '56.

Proper feeding of swine with potatoes. Stefan Aleksandrovich. Nauka i pered. op. v sel'khoz. no. 8:60 Ag '56.

Simple machines for harvesting potatoes. S. Gerasimov. Tekhsov. MTS 17 no. 15:4-7 Ag '56.

A study of enzymatic transformations of starch in potato tubers at various vegetation periods [with English summary in insert]. A. N. Petrova, T. T. Bolotina. Biokhimiia 21 no. 4:451-456 Jl-Ag '56.

POTATOES—DISEASES AND PESTS

How I got rid of potato-damaging mole rats. M. I. Petrichenko. Zashch. rast. ot vred. i bol. 1 no. 3:60 Jl-Ag '56.

Paramonov, A.A., and F.I.Briushkova. [The nematode Ditylenchus destructor in potatoes and methods of controlling it] Steblevaia nematoda kartofelia i mery bor'by s neiu. [Moskva] Izd-vo Akademii nauk SSSR, 1956. 110 p. (Nauchno-populiarnaia serila v pomoshch' sel'skomu khoziaistvu)

POTATOES—STORAGE see subdivision under Siberia

POTATOES—VARIETIES

New potato varieties. Nauka i pered. op. v sel'khoz. no. 8:43 Ag '56.

POTENTIAL, THEORY OF

Calculation of periodic currents and voltages in circuits with a nonsinusoidal electromotive force. R. A. Voronov. Elektrichestvo no. 8:11-15 Ag '56.

POTENTIOMETER

Induction linear potentiometer. IU. M. Puf'er. Avtom. i telem. 17 no. 7:629-636 Jl '56.

Recording small temperature intervals with the EPP-09 potentiometer. N. N. Kozhevnikov. Zhur. fiz. khim. 30 no. 6:1392-1395 Je '56.

Russia (1923- U.S.S.R.) Glavpribor. [Automatic electronic potentiometers and balanced bridges; a catalog and reference manual] Avtomaticheskie elektronnye potentsiometry i uravnoveshennye mosty; katalog-spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 111 p.

POTENTIOMETRIC ANALYSIS

Automatic potentiometric control in the production of indo-o-tolnidine. N. IA. Parfashkevich, I. A. Vyshodtsev, B. D. Zolotov. Khim. prom. no. 4:242-244 Je '56.

Study of the potential of steel under lacquer and paint and bituminous coatings. I. A. Mamedov. Izv. AN Azerb. SSR no. 7:23-26 Jl '56.

POTTED PLANTS see Plants, Potted

POTTERY

(see also subdivision under Transcarpathia)

In defence of decorative ceramics. M. Volkova, S. Kristi. Prom. koop. no. 9:30-31 S '56.

POTTERY, ANCIENT

Method of studying ancient ceramics. A. I. Avgustinik. Krat. soob. IIMK no. 64:149-156 '56.

POTTIER, EUGÈNE, 1816-1887

Hymn of struggle and liberty. IU. Dmitriev. Smena 33 no. 11:11 Je '56.

"International" of Eugène Pottier. A. F. Illichevskii. Nauk. zap. Kiev. un. 14 no. 1:229-242 '55.

POULTRY

(see also subdivision under Altai Territory; Kamensk Province; Kherson Province; Mirgorod; Ukraine)

Effect of keeping chicks in cages on the development of the body. P. A. Glagolev. Biul. MOIP. Otd. biol. 61 no. 3:110 My-Je '56.

Effect of the growth promoting substance of petroleum origin on the growth and development of chicks [in Azerbaijani with summary in Russian]. M. A. Akhundov. Dokl. AN Azerb. SSR 12 no. 8:575-581 '56.

Increase in every way possible the productivity of labor in poultry husbandry. Ptitsevodstvo 6 no. 9:3-8 S '56.

Irradiation of hens by PRK-2 lamps. P. A. Ostrov. Svetoteknika 2 no. 4:17-19 Jl '56.

My work on the poultry farm. O. I. Hudyma. Sots. tvar. 28 no. 9:23-25 S '56.

My work practices. E. E. Reikhert. Ptitsevodstvo 6 no. 9:16 S '56.

Nikitin, V. P. [Poultry raising] Ptitsevodstvo. Izd. 2-oe, dop. i ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 445 p. (Uchebniki i uchebnye posobiia dlia zooteknicheskikh vuzov)
(DA)

Stulova, A. F., and N. I. Shutov. [Leading poultry farmers] Peredovye ptitsevody. [Gor'kii] Gor'kovskoe kn-vo, 1954. 36 p.
(DA)

Taranovskiy State Poultry Farm. V. P. Sypkov. Ptitsevodstvo 6 no. 9:13-16 S '56.

Urgent economic problems in poultry husbandry on state farms. G. V. Pankrat'ev. Sovkhoz. proizv. no. 9:11-14 S '56.

POULTRY—DISEASES AND PESTS

Canned tomatoes in infectious colds and laryngotracheitis in chickens. N. P. Ostroukh. Veterinariia 33 no. 9:42 S '56.

Detection of the intermediary hosts of tapeworms Raillietina echinobothrida (Megnin, 1881) and R. tetragona (Molin, 1858) (Cestoda, Davaineidae), causative agents of chicken raillietiniasis. K. S. Akhumian. Dokl. AN Arm. SSR 15 no. 5:153-156 '52.

Mites causing scaly legs. K. M. Krasnitskaia. Ptitsevodstvo 6 no. 9:43-44 S '56.

Ridding chickens of the most important helminthous infections. A. D. Galbov, N. Z. IAkubov. Ptitsevodstvo 6 no. 9:42-43 S '56.

POULTRY—FEEDING AND FEEDING STUFFS

Chopping green feed for poultry. I. Radzievskii. MTS 18 no. 8:38 Ag '56.

Effect of yeast on the laying of hens and hatching quality of eggs. S. K. Karapetian. Dokl. AN Arm. SSR 9 no. 3:135-141 '48.

Efficient methods for feeding livestock and poultry. V. Ermakova. Kolkh. proizv. 16 no. 9:44-45 S '56.

Feeding caged chickens. E. V. Cheremnova. Ptitsevodstvo 6 no. 9:31-34 S '56.

Feeding forage lupine to poultry. I. S. Skuratov. Sots. tvar. 28 no. 10:34-35 O '56.

Using succulent feed for fattening fowl. D. N. Murusidze, A. I. Samoletov, M. I. Kozhukhin. Ptitsevodstvo 6 no. 9:34-36 S '56.

POULTRY BREEDS

Soviet poultry raising. A. A. Volkov, N. A. Gorlunov. Priroda 45 no. 9:49-56 S '56.

POULTRY HATCHERIES see subdivision under Kirovabad; Sumy

POULTRY HOUSES AND EQUIPMENT

Hand trucks in poultry plants with the caged system of keeping fowl. G. S. Zhuravlev. Ptitsevodstvo 6 no. 9: 39-41 S '56.

Keeping chickens on deep litter. N. V. Dakhnovskii. Ptitsevodstvo 6 no. 9:24-29 S '56.

Use of deep litter abroad. M. K. Kolosov. Ptitsevodstvo 6 no. 9:29-31 S '56.

Vetvitskii, B. V. [Stock and poultry farms; an album of model plans] Zhivotnovodcheskie i ptitsevodcheskie fermy; al'bom primernykh skhem planirovki. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 59 p.
(DA)

POULTRY PLANTS

Poultry processing industry abroad. A. Tikhomirov, E. Gorizontova. Mias. ind. SSSR 27 no. 4:60-63 '56.

Poultry processing plants in the preseasonal period. I. Mel'nik. Mias. ind. SSSR 27 no. 4:10-12 '56.

POULTRY RESEARCH

Change in the development rate effect of elevated temperatures of chicken embryos. F. F. Murtazi. Dokl. AN SSSR 108 no. 6:1197-1200 Je '56.

For the information of the readers of "Ptitsevodstvo." Ptitsevodstvo 6 no. 9:12 S '56.

POWDERED MILK see Milk, Dried

POWDERS, WASHING see Washing powders

POWER (MECHANICS)

Tazhiev, I. [Electrification and technical progress] Elektrifikatsiia i tekhnicheskii progress. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 83 p.

POWER DISTRIBUTION, ELECTRIC see Electric power distribution

POWER ENGINEERING
(see also subdivision under Armenia; Germany, West)

Bases and outlook for intensive high-temperature pyrite roasting using a power engineering system. N. A. Semenenko, L. N. Sidel'kovskii, A. P. Shurygin. Khim. prom. no. 3:128-135 Ap-My '56.

Development of power engineering in the sixth five-year plan in a number of the leading branches of the national economy. P. V. Filimonov. Prom. energ. 11 no. 7:33-34 Jl '56.

Gutsov, N. T., and M. N. Gavze. [The effect of mercury as heat conductor on steel in power installations] Vozdeistvie rtuti kak teploprovodnika na stali v energeticheskikh ustanovkakh. Moskva, Izd-vo Akademii nauk SSSR, 1956. 146 p.

Power engineering in other countries. G. V. Serbinovskii. Energetik 4 no. 8:1-4 Ag '56.

Scientific and technical conference at the Ivanovo Power Institute. S. N. Berlin. Elektrichestvo no. 8:93 Ag '56.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER ENGINEERING—CONGRESSES see subdivision under Vienna

POWER OF ATTORNEY

Limits of the power of attorney in Soviet civil procedure. S. D. IAstrubetskii. Nauk. zap. L'vov. un. 27:98-102 '54.

POWER PLANTS, ELECTRIC see Electric power plants

POWER PLANTS, STEAM see Steam power plants

POWER PRESSES

Designing embossing press mechanisms. A. T. Gazarov. Vest. mash. 36 no. 8:50-55 '56.

Equipment for the consumer goods industry. K. V. Rosaikevich. Bum. prom. 31 no. 7:24-25 Jl '56.

Forces in a power press during cold bending of steel hull plates. P. M. Sipilin. Sudostroenie 22 no. 7:23-27 Jl '56.

Improving a fagoting press. G. N. Rovinskii. Vest. mash. 36 no. 6:65-67 Je '56.

A poorly designed screw-friction press. A. G. Adamovskii. Vest. mash. 36 no. 6:46 Je '56.

Using low temperatures for joining permanent connections. S. I. Aranovich. Energomashinostroenie no. 8: 25-27 Ag '56.

POWER TRANSMISSION, ELECTRIC see Electric lines

PRAGUE—MINES AND MINERAL RESOURCES

For strengthening unity and cooperation. Vsem. prof. dvizh. no. 8:40 Ag '56.

PRAGUE—RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES

Lenin at the time of the Prague Conference. E. P. Onufriev. Slaviane no. 9:16-22 S '56.

PRAGUE—STUDENTS

Student Sunday in Prague. Peter Waterman. Vsem. stud. nov. 10 no. 8:8-9 Ag '56.

PRATOLINI, VASCO, 1913-

Three masters of Italian literature. Juliette Bertran. V zashch. mira no. 64:81-88 S '56.

PRAYERS FOR THE DEAD

Trinity Requiem Saturday. I. Potapov. Zhur. Mosk. Patr. no. 6:44-45 Je '56.

PRECAST CONCRETE
(see also subdivision under Kiev; Magnitogorsk; Stalingrad)

Arsen'ev, L. B. [The production of precast reinforced concrete structures and parts; the work practice of leading enterprises] Proizvodstvo sbornykh zhelezobetonnykh konstruktsii i detalei; iz opyta raboty peredovykh predpriiatii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 55 p.

Metal molds for making precast reinforced concrete elements. I. A. Nechaev. Nov. tekh. i pered. op. v stroi. 18 no. 9:17-19 S '56.

Precast reinforced concrete clarifying tanks. A. V. Nakhoroshev. Biul. stroi. tekh. 13 no. 8:22-25 Ag '56.

Precast reinforced concrete stairs made of large elements. A. Shur, G. Marlengof. Stroi. mat., izdel. i konstr. 2 no. 7:18-19 Jl '56.

Precast reinforced-concrete structures for overhead pipelines. A. A. Skvortsov. Elek. sta. 27 no. 8:26-29 Ag '56.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for the use of coarse concrete mixtures in production of precast reinforced concrete and plain concrete structures and elements (U 110-56)] Ukazaniia po primeneniiu zhestkikh betonnykh smesei v proizvodstve sbornykh zhelezobetonnykh i betonnykh konstruktsii i detalei (U 110-56). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 16 p.

Using autoclave treatment in making precast concrete and reinforced concrete products. A. V. Volzhenskii, IU. S. Burov. Bet. i zhel.-bet. no. 8:277-280 Ag '56.

Welding with flux of T-connections of inserted parts in precast reinforced concrete elements. A. IA. Brodskii. Nov. tekh. i pered. op. v stroi. 18 no. 9:14-16 S '56.

PRECAST CONCRETE CONSTRUCTION
(see also subdivision under Dnieper Valley)

Assembling steel and reinforced concrete elements for the large sports arena of the Central Stadium in Moscow. N. U. Senichev. Nov. tekh. i pered. op. v stroi. 18 no. 8:18-22 Ag '56.

Constructing precast ceilings for multistory industrial buildings. V. I. Safonov. Bet. i zhel.-bet. no. 8:293-296 Ag '56.

Erecting the Palace of Sports in the Central Stadiums in Moscow. I. N. Demin. Nov. tekh. i pered. op. v stroi. 18 no. 8:22-25 Ag '56.

Hundred meter span roofing for an industrial building made of precast reinforced concrete. A. P. Morozov, V. F. Minin. Nov. tekh. i pered. op. v stroi. 18 no. 8: 16-18 Ag '56.

Improve the quality of plain and reinforced concrete construction elements. Bet. i zhel.-bet. no. 9:305-307 S '56.

Means of lowering the cost of precast reinforced concrete. A. B. Zhukovskii. Bet. i zhel.-bet. no. 9:307-310 S '56.

Precast foundations for 3 to 5- story buildings. S. K. Kapskii. Biul. stroi. tekh. 13 no. 8:19-20 Ag '56.

Precast reinforced concrete in the experimental demonstration construction work of a large-panel apartment house in Leningrad. B. S. Eidel'shtein. Bet. i zhel.-bet. no. 8:271-276 Ag '56.

Precast reinforced concrete in underground construction. S. N. Bobrovskii. Nov. tekh. i pered. op. v stroi. 18 no. 9:5-8 S '56.

Results of competition in constructing precast reinforced concrete roofs for industrial buildings. M. G. Kostiukovskii, L. D. Poverennyi. Stroi. prom. 34 no. 8:22-26 Ag '56.

Sectional ceilings with monolithic construction of joints. V. Safonov. Khol. tekh. 33 no. 3:29-32 Jl-S '56.

PRECIOUS METALS

Principal stages in the history of the metallurgy of noble metals. I. N. Plaksin. Vop. ist. est. i tekh. no. 1:179-191 '56.

PRECIOUS STONES see subdivision under Moscow

PRECIPITATION (CHEMISTRY)

Coprecipitation with certain complex compounds obtained by the action of organic precipitants. I. M. Korenman and others. Zhur. neorg. khim. 1 no. 4:803-873 Ap '56.

Precipitation of particles from a flow on circumvented objects. A. G. Amelin, M. I. Beliukov. Koll. zhur. 18 no. 4:385-394 Jl-Ag '56.

Separation of traces of various metals by means of coprecipitation. K. V. Troitskii. Zhur. neorg. khim. 1 no. 5: 1104-1116 My '56.

Use of organic coprecipitants in studying the flow of reactions in highly diluted solutions. V. I. Kuznetsov, G. V. Miasoedova. Zhur. neorg. khim. 1 no. 3:573-585 Mr '56.

PRECIPITATION (METEOROLOGY)
(see also subdivision under Talas Valley; Ukraine)

Fall-out conditions of steady precipitation. T. I. Akimovich. Trudy Ukr. NIGMI no. 3:79-86 '55.

Role of the chemical composition of atmospheric precipitation on the formation of natural water. E. S. Burkser, N. E. Fedorova. Nauk. zap. Kiev. un. 13 no. 4:155-159. '54.

PRECISION CASTING

On the possibility of changing over to pattern casting of large size parts. V. I. Krylov, G. F. Fokin. Stroi. i dor. mashinostr. no. 7:25-29 Jl '56.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNANCY

Creatinuria in nonpregnant and pregnant rats following ionizing irradiation. Z. N. Zhakhova, A. D. Braun. Med. rad. 1 no. 3:80-85 My-Je '56.

The effect of pregnancy and lactation on the evacuation and secretion of the stomach in dogs. S. G. Gerus, N. G. Losnoi. Probl. endok. i gorm. 2 no. 2:60-64 Mr-Ap '56.

PREGNANCY, COMPLICATIONS OF

Treatment of patients with toxic goiter in pregnancy. F. E. Bykhovskaia. Probl. endok. i gorm. 2 no. 2:38-43 Mr-Ap '56.

PREGNANCY, EXTRAUTERINE

Acute and extrauterine pregnancy; differential diagnosis. I. S. Breido, S. S. TSivin. Vest. khir. 77 no. 8:90-95 Ag '56.

What is cervical pregnancy? O. M. Berezovskaia. Fel'd. i akush. 21 no. 9:50-53 S '56.

PREGNANCY, MOLAR

Case of a hydatid mole. N. IA. Gil'debrandt. Fel'd. i akush. 21 no. 8:60 Ag '56.

PREHISTORIC ANTIQUITIES see Archaeology

PRESCHOOL EDUCATION see Education, Preschool

PRESERVING see Canning and preserving

PRESS
(see also subdivision under Czechoslovakia; Vietnam, North)

Brief news. Sov. pech. no. 9:63 S '56.

PRESS—BIBLIOGRAPHY see Bibliography—Press

PRESSES, HYDRAULIC see Hydraulic presses

PRESSES, POWER see Power presses

PRESSES, PRINTING see Printing press

PRESSING MACHINERY

Screw press for ironing. P. Ornal'do. Prom. koop. no. 9:16 S '56.

PRESSING OF GARMENTS

On the way toward over-all mechanization. A. A. Lebedev. Leg. prom. 16 no. 7:44-49 Jl '56.

PRESSURE (PHYSICS)

Extension of Bachinskii's viscosity formula into the high pressure range. A. M. Mamedov. Trudy Azerb. ind. inst. no. 9:62-75 '55.

Melting temperature of zinc, cadmium, thallium and antimony at pressures of up to 30,000 k/cm$^2$. V. P. Butuzov, E. G. Poniatovskii, G. P. Shakhovskoi. Dokl. AN SSSR 109 no. 3:519-520 Jl '56.

PRESSURE, ATMOSPHERIC see Atmospheric pressure

PRESSURE GAUGES
Instrument for recording small pressure changes. A. N. Makeev. Ryb. khoz. 32 no. 8:14-19 Ag '56.
Prevention of mercury poisoning while checking water gauging equipment. A. I. Zykin, A. D. Shapiro. Gig. i san. 21 no. 9:91 S '56.
Studying the process of escape of mercury fumes from differential pressure gauges during their graduation and use. V. P. Maevskaia, I. S. Naumova, E. I. Lysenko. Gig. i san. 21 no. 9:91 S '56.

PRESSURE REGULATORS
Pressure control for laboratory high-pressure apparatus. S. M. Lokiev, A. A. Konstantinov, I. A. Antoshchuk. Trudy Inst. neft. 8:185-190 '56.

PRESSURE VESSELS—SAFETY MEASURES
Chirkin, S. I. [Safety engineering in the exploitation of industrial steam boilers, vessels operating under pressure, compressors, and pipe lines] Tekhnika bezopasnosti pri ekspluatatsii promyshlennykh parovykh kotlov, sosudov, rabotaiushchikh pod davleniem, kompressorov i truboprovodov. Moskva, Gos. izd-vo obor. promyshl., 1955. 136 p.

PRESTRESSED CONCRETE
Akhverdov, I. N., I. M. Ovadovskii, and V. A. Tumanishvili. [Prestressed reinforced concrete floor slabs in the building industry; manufacture and use] Napriazhenno armirovannyo plity-nastily v stroitel'stve; izgotovlenie i primenenie. Moskva, Gos. izdvo lit-ry po stroit. i arkhitekture, 1956. 96 p.
Conference on prestressed reinforced concrete. V. I. Idashkin. Bet. i zhel.-bet. no. 9:336-337 S '56.
New methods for manufacturing precast prestressed concrete elements. A. K. Shanshiev. Dokl. AN Arm. SSR 9 no. 1:17-22 '48.
Prestressed bridge spans made of blocks prepared in machines. A. IA. Zhuravlev. Avt. dor. 19 no. 7:18-20 Jl '56.
Prestressed concrete latticed poles for contact systems. I. M. Kanukov, I. L. Nozdrin. Transp. stroi. 6 no. 7:11-13 Jl '56.
Prestressed reinforced concrete girders for arched roofs of industrial buildings. N. V. Nikitin, R. G. Shishkin. Stroi. prom. 34 no. 9:19-23 S '56.

PRESTRESSED CONCRETE CONSTRUCTION
Constructing prestressed reinforced concrete dams. Nov. tekh. i pered. op. v stroi. 18 no. 8:29-30 Ag '56.
Tapered anchor bolts with iron rings for prestressed reinforced construction. L. I. Iostlevskii, M. N. Mal'ko. Bet. i zhel.-bet. no. 9:330-334 S '56.

PRESUMPTIONS (LAW)
Legal presumptions in Soviet civil procedure. IA. L. Shiutin. Nauk. zap. Kiev. un. 13 no. 5:117-130 '54.

PRICE POLICY
Eliminating defects in the pricing of local products. A. Kuznetsov. Sov. torg. no. 7:10-14 Jl '56.

PRICES see subdivision under Korea, North

PRIME NUMBERS see Numbers, Prime

PRIMROSES
(see also subdivision under Netkachevo District)
Daily rhythm of carbohydrate accumulation in leaves of Primula Moorkroftiana (Wall.) in relation to the developmental phase. R. M. Reinus. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:143-147 '55.

PRINTED CIRCUITS
Calculating parasitic capacitances in mounting printed radio apparatus. L. M. Kononovich. Radiotekhnika 11 no. 8:64-70 Ag '56.

PRINTING
(see also subdivision under Lvov)
New issues of printing periodicals. Poligr. proizv. no. 4: 32 Jl-Ag '56.
"Printing technical works without using galley proofs." A. I. Kontorovich. Reviewed by V. A. Markus. Poligr. proizv. no. 4:31-32 Jl-Ag '56.

PRINTING—STUDY AND TEACHING
Future printing experts. Prof.-tekh. obr. 13 no. 8:18 Ag '56.
School of printers. M. IUrov, A. Simakov. Prof.-tekh. obr. 13 no. 8:17 Ag '56.
Technical training and utilization of printing industry workers. N. D. Fomin. Poligr. proizv. no. 4:10-11 Jl-Ag '56.

PRINTING, OFFSET see Offset printing

PRINTING, TEXTILE see Textile printing

PRINTING INDUSTRY
(see also subdivision under Budapest; Ukraine)
Be conscious of time, economize materials, and increase work productivity. I. D. Moshchuk, IA. M. Serebrianyi. Poligr. proizv. no. 4:8-10 Jl-Ag '56.
Most important tasks of publishing houses and printing industry. Poligr. proizv. no. 4:2-8 Jl-Ag '56.
New book on the technology in the printing industry ("Technology of producing popular illustrated magazines." B. A. Fel'dman. Reviewed by V. V. Popov.). Poligr. proizv. no. 4:30-31 Jl-Ag '56.
[The printing industry abroad.] Poligraficheskoe proizvodstvo za rubezhom no. 2 '56. 42 p.
A review of printing literature. Poligr. proizv. no. 4:25-28 Jl-Ag '56.

PRINTING INK
Study of elastic-viscoplastic properties of black printing inks. T. N. Matova. Koll. zhur. 18 no. 4:438-442 Jl-Ag '56.

PRINTING MACHINERY AND SUPPLIES
Main tasks of equipping the printing industry with modern machinery; on the 25th anniversary of Russian printing machinery industry. A. N. Chernyshev. Poligr. proizv. no. 4:21-24 Jl-Ag '56.
A review of printing literature. Poligr. proizv. no. 4:25-28 Jl-Ag '56.

PRINTING PLATES
The use of stereotype plates without beveled edges. V. Lapsakov, M. Orinichev. Sov. pech. no. 9:53 S '56.

PRINTING PRESS
Automatic stopping device for preventing paper tearing in the web press. A. L. Bereslavskii. Poligr. proizv. no. 4:19-20 Jl-Ag '56.
Devices for controlling technical processes. Poligr. proizv. no. 4:16 Jl-Ag '56.
Printing book cover backs on flatbed printing presses. I. N. Rybkin. Poligr. proizv. no. 4:20-21 Jl-Ag '56.

PROBABILITIES
Application of canonical expansions of random functions to the problem of determining optimum linear systems. V. S. Pugachev. Avtom. i telem. 17 no. 6:489-499 Je '56.
Improvement of the law of large numbers. I. I. Gikhman. Nauk. zap. Kiev. un. 11 no. 7:59-65 '52.
Markov's chains in analytical arithmetics of quaternions and matrices. IU. V. Linnik. Vest. Len. un. 11 no. 13: 63-68 '56.
Poisson's problem for two events and its application. G. A. Ambartsumian. Dokl. AN Arm. SSR 9 no. 2:49-52 '48.

PROBLEM OF THREE BODIES
Form of the development of functions characterizing motion in the generalized three-body problem in the neighborhood of a singular point. IU. D. Sokolov. Nauk. zap. Kiev. un. 8 no. 4:47-67 '49.
Integration in elliptic functions of equations for the rectilinear motion of three equal masses interacting with forces directly proportional to the cubes of their distances. IU. D. Sokolov. Nauk. zap. Kiev. un. 9 no. 9:41-49 '50.
Study of the qualitative and analytical theory of differential equations in dynamics. IU. D. Sokolov. Nauk. zap. Kiev. un. 9 no. 9:29-40 '50.
Symmetrical case in the three body problem with reciprocal attraction inversely proportional to the cubes of distances. IU. D. Sokolov. Nauk. zap. Kiev. un. 8 no. 4: 25-46 '49.

PROBLEM OF TWO BODIES
Singular trajectories infinitely removed in the generalized theory of two bodies. B. N. Fradlin. Nauk. zap. Kiev. un. 12 no. 7:105-110 '52.

PROCEDURE see Civil procedure; Criminal procedure

PRODUCTION CONTROL
Statistical control of production operations. L. P. Vladimirov. Vest. mash. 36 no. 9:87-89 S '56.

PRODUCTION STANDARDS
(see also subdivision under Zaporozh'ye Province)
From the editor's mail. Sots. trud. no. 8:106-108 Ag '56.
Gol'din, IA. A., and M. E. Fidel'man. [Technical standardization in the production of refractory materials] Tekhnicheskoe normirovanie v ogneupornom proizvodstve. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 122 p.
In ministries and bureaus. Sots. trud. no. 8:96-101 Ag '56.
Regulate the organization of work on labor and wage standardization without delay. V. Shurcev. Sov. profsoiuzy 4 no. 8:8-15 Ag '56.
Rely on the experience of the masses. Sots. trud. no. 8: 3-7 Ag '56.
Standard computations on keyboard calculating machines. F. Starodubtsev. Bukhg. uchet 16 no. 8:35-42 Ag '56.

PRODUCTS, ANIMAL see Animal products

PRODUCTS, COAL-TAR see Coal-tar products

PRODUCTS, COMMERCIAL see Commercial products

PRODUCTS, DAIRY see Dairy products

PRODUCTS, WASTE see Waste products

PROFESSORS see Teachers

PROFIT SHARING see subdivision under Germany, West

PROJECTORS, MOTION-PICTURE see Motion-picture projectors

PROLETARSKAYA RESERVOIR—FISHES
The Proletarskaya Reservoir from the fishery point of view. I. G. Fridland. Ryb. khoz. 32 no. 8:58-61 Ag '56.

PROPAGANDA IN RADIO see Radio in propaganda

PROPAGATION OF PLANTS see Plant propagation

PROPANE
Chemical mechanism of propane oxidation in the gas phase. V. M. Byr'ko, K. E. Kruglikova, A. F. Lukovnikov. Dokl. AN SSSR 106 no. 6:1003-1005 Je '56.
Influence of pressure on the formation of intermediate products in the oxidation of propane. A. S. Badrikian, M. S. Furman. Dokl. AN SSSR 108 no. 5:861-863 Je '56.

PROPANOL
Catalytic alkylation of chlorobenzene with propyl alcohols. M. B. Turova-Poliak, N. V. Donilova, N. V. Kuklina. Zhur. ob. khim. 26 no. 7:1936-1940 Jl '56.

PROPELLERS, AERIAL
Direct determination of dynamic rigidity of aerial propellers. A. F. Gurov. Trudy MAI no. 55:63-92 '56.
Preventing splits in propeller shafts. I. Kostoglodov, V. Smirnov. Grazhd. av. 13 no. 8:28-29 Ag '56.

PROPENE
Addition of halogen derivatives to olefins under high pressure. Reaction of carbon tetrachloride with isobutylene. N. F. Bogomolova, O. K. Dubroval. Trudy Inst. neft. 8:176-179 '56.
Catalytic bromination of propane. IU. G. Mamedaliov, M. Guseinov. Dokl. AN SSSR 109 no. 4:781-784 Ag '56.
Elastoviscous properties of polyisobutylene solutions. L. V. Ivanova-Chumakova, P. A. Rebinder. Koll. zhur. 18 no. 4:429-437 Jl-Ag '56.
Formation of benzene homologues and the special role of the surface in thermocatalytic transformations of isobutylene in the presence of boron fluoride. IA. M. Paushkin, A. G. Kil'zenrat. Dokl. AN SSSR 109 no. 5: 958-961 Ag '56.
Mechanism of the thermal breakdown and chlorinolysis of hexachloropropylene and octachloropentadiene-1, 3. M. G. Gonikberg. Izv. AN SSSR. Otd. khim. nauk no. 7: 873-877 Jl '56.

PROPERTY
Defending the law of state socialist property. A. V. Venediktov. Uch. zap. Len. un. no. 166:173-225 '48.

PROPIONIC ACID
Mechanism of the Arbuzov rearrangement. Part 3. Interaction of the nitrile and methyl ester of $\alpha$, $\beta$-dibromo- and $\alpha$, $\beta$-dichloropropionic acid with phosphites. V. S. Abramov, N. A. Il'ina. Zhur. ob. khim. 26 no. 7:2014-2019 Jl '56.
Production of $\alpha$-phenyl-$\beta$, $\beta$-diaryl-$\beta$-[N-benzoyl]-aminopropionic acids from N-benzoyl-benzohydrylidenimines and $\alpha$-chloromagnesium-phenyl-acetate of sodium. Kh. Ivanov. Dokl. AN SSSR 109 no. 3:537-540 Jl '56.
Production of propionic acid. I. F. Chistov, A. I. Zarakovskaia, A. G. Turasova. Gidroliz. i lesokhim. prom. 9 no. 5:13-15 '56.

PROPIONIC-1-$C^{14}$ ACID
Synthesis of 1-$C^{14}$-propionic acid via lithium organic compounds. N. F. Novotorov, I. A. Korshunov. Zhur. ob. khim. 26 no. 7:1950-1951 Jl '56.

PROPYL NITRATE
Investigation of the kinetics of a homogeneous decomposition of propyl nitrate and butyl nitrate. M. F. Naglev, Z. G. Petrova, A. I. Sultanova. Dokl. AN SSSR 109 no. 3:573-575 Jl '56.

PROSBRANCHIATA see subdivision under Ayger-Lich Lake

PROSECUTORS, PUBLIC see Public prosecutors

PROSPECTING
(see also subdivision under Azerbaijan)
Tasks of geology and its practice. F. Antropov. Kommunist 33 no. 13:46-56 S '56.
Useful book ("Prospecting and exploring for oil and gas pools." M. V. Abramovich. Reviewed by S. Salaev). Azerb. neft. khoz. 35 no. 5:34-35 My '56.

PROSPECTING—GEOPHYSICAL METHODS
Determining the location and dimensions of some parabolic bodies by measurements of the Z component of the magnetic field. A. A. IUn'kov, N. A. Fedorova. Nauk. zap. Kiev. un. 9 no. 10:123-130 '50.
Possibilities of electric prospecting for the solution of some hydrogeological problems in Karst regions of the Kakhovka Hydraulic Construction. V. N. Golovisyn. Nauk. zap. Kiev. un. 12 no. 4:83-85 '53.

PROSPECTING—GEOPHYSICAL METHODS (Continued)

Sokolov, K.P. [Geological interpretation of magnetic prospecting data] Geologicheskoe istolkovanie magnitorazvedochnykh dannykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 126 p.

PROSTHESIS

A close contact is needed. A. Kulikova. Sots. obesp. 17 no. 4:46-48 Ap '56.

History of an invention. P. Semidetova. Sots. obesp. 17 no. 5/6:70-72 My-Je '56.

In the Ministry. Sots. obesp. 17 no. 4:62 Ap '56.

In the Ministry. Sots. obesp. 17 no. 8:62 Ag '56.

Our scientific research plans. L. Kapichnikova. Sots. obesp. 17 no. 8:33-35 Ag '56.

Prosthetic devices are not mittens; they require careful adjustment. IA. Svetukhin. Sots. obesp. 17 no. 5/6: 68-69 My-Je '56.

Suspensory support for the prosthesis of thigh and shin. S. Gelasimov. Sots. obesp. 17 no. 4:49-50 Ap '56.

PROTECTION OF BIRDS see Birds, Protection of

PROTECTION OF GAME see Game protection

PROTECTION OF PLANTS see Plants, Protection of

PROTECTIVE ATMOSPHERES

Installation for producing protective atmospheres by burning hydrogen. G.K. Chernov. Stal' 16 no. 8:755 Ag '56.

PROTEIN METABOLISM

Effect of cortisone and desoxycorticosterone on protein metabolism. M.B. Lebedeva. Vop. med. khim. 2 no. 4:278-286 Jl-Ag '56.

Protein metabolism in experimental hypothyroidism in rats [with English summary in insert]. S.E. Epelbaum, E.S. Dergousova. Biokhimiia 21 no. 4:491-495 Jl-Ag '56.

PROTEINASES

Some theoretical problems of the action of proteinases. M.P. Chernikov. Usp. sovr. biol. 42 no. 1:3-18 Jl-Ag '56.

PROTEINS

A.G. Pasynskii's and V.A. Belitser's concepts of the structure of protein molecules. N.I. Gavrilov. Vest. Mosk. un. 11 no. 5:121-136 My '56.

Breeding for higher protein content. A.M. Konstantinova. Nauka i pered. op. v sel'khoz. no. 9:4-6 S '56.

Changes in protein complex of soya during its processing for oil extraction. I.F. Belikov. Masl.-zhir. prom. 21 no. 5:14-17 '56.

Changes in the correlation of muscle protein fractions in capons. V.I. Voronians'kyi. Ukr. biokhim. zhur. 28 no. 3:255-259 '56.

Contractile proteins of the myometrium. A.D. Braun, N.I. Mirovich. Vop. med. khim. 2 no. 3:188-197 My-Je '56.

Distribution of phosphorus compounds in acid-soluble fractions and protein fractions of different tumors [with summary in English]. I.A. Aksamitnaia. Vop. onk. 2 no. 3:315-319 '56.

Effect of cooling on the emulsification of proteins. V.M. Martynov. Koll. zhur. 18 no. 4:443-446 Jl-Ag '56.

An electrophoretic study of liver proteins [with English summary in insert]. S.IA. Kaplanskii, O.B. Kusovleva, V.D. Uspenskaia. Biokhimiia 21 no. 4:469-477 Jl-Ag '56.

For more livestock products and the problem of protein. Nauka i pered. op. v sel'khoz. no. 9:2-3 S '56.

Hay as a source of protein. V.A. Borinevich. Nauka i pered. op. v sel'khoz. no. 9:7-9 S '56.

Increasing the protein content in green feeds. I.A. Dranenko. Nauka i pered. op. v sel'khoz. no. 9:19-20 S '56.

Initial analytic methods for studying animal proteins. S.S. Perov. Dokl. Akad. sel'khoz. 21 no. 9:7-10 '56.

Interaction between isolated proteins and their structural units. A.S. Konikova, M.G. Kritsman, O.P. Samarina. Dokl. AN SSSR 109 no. 3:593-596 Jl '56.

Interaction of sugar and protein substances of oilseeds during processing. V.P. Rzhekhin. Masl.-zhir. prom. 22 no. 6:3-6 '56.

Investigating the proteins of various parts of the nervous system with the aid of electrophoresis on paper. N.M. Poliakova. Ukr. biokhim. zhur. 28 no. 3:286-295 '56.

Mechanism of protein denaturation. Report no. 8: Materials on the characteristics of protein denaturation and the transformations connected with it. O.S. TSyperovych, A.L. Losieva. Ukr. biokhim. zhur. 28 no. 3:265-277 '56.

Mechanism of secretion of proteins with gastric juice. V.M. Rubel'. Vop. med. khim. 2 no. 3:163-166 My-Je '56.

Mechanism of the denaturation of proteins; effect of formaldehyde and ether on the resistance to denaturation of globular proteins. A.S. TSyperovich. Vop. med. khim. 2 no. 3:169-174 My-Je '56.

On the localization of protein synthesis in the plant cell [with English summary in insert]. B.P. Pleshkov, Sh. Ivanko. Biokhimiia 21 no. 4:496-498 Jl-Ag '56.

Protein nutrition of pregnant cows. V.M. Dziubanov. Sots. tvar. 28 no. 9:33-34 S '56.

Proteins in the grain of different rye varieties. V.G. Klimenko, E. Levshenkova. Uch. zap. Kish. un. 13:145-153 '54.

Proteolytic properties of Penicillium species. A.G. Romankova, N.L. Mattison, A.P. Sokol'skaia. Vest. Len. un. 11 no. 15:136-138 '56.

Stable "turbidity standard" for nephelometric determination of serum proteins and their fractions. IU.A. Kechek. Lab. delo 2 no. 3:5-7 My-Je '56.

Synthesis of proteins. I.N. Maiskii. Nauka i zhizn' no. 9:63 S '56.

Utilization of ion-exchanging resins in the preparation of therapeutic protein hydrolysates. V.A. IUr'ev, Z.A. Chaplygina. Vop. med. khim. 2 no. 3:175-178 My-Je '56.

PROTEINS—ANALYSIS

Diffusion of radioactive methionine (S35) in proteins of various organs and tissues of cattle and rabbits. N.G. Belen'kii and others. Dokl. Akad. sel'khoz. 21 no. 8: 3-6 '56.

PROTHROMBOKINASE

Comparative study of thermostability of prothrombokinase and thrombokinase. B.A. Kudriashov, T.M. Kalishevskaia, IU.A. Sharova. Dokl. AN SSSR 109 no. 1:156-159 Jl-Ag '56.

PROTONS

Angular distribution of protons. N.M. Kocharian and others. Dokl. AN SSR 16 no. 2:39-43 '53.

New foreign titles; antiprotons. O. Chamberlain and others. [Translated from Nature, vol. 177 no. 4497, 7/1/56 p. 11-12, by E.P. Strotinaia]. Usp. khim. 25 no. 7:915-916 Jl '56.

Nonionization losses of high-energy protons. N.M. Kocharian, G.S. Saakian. Dokl. AN Arm. SSR 15 no. 3: 65-70 '52.

Proton stoppage of extremely relativistic electrons. G.S. Saakian. Dokl. AN Arm. SSR 15 no. 1:3-10 '52.

PROTONS—SCATTERING

Elastic scattering of protons by protons at 460, 560 and 660 Mev energies in a small angle region. N.P. Bogachev. Dokl. AN SSSR 108 no. 5:806-808 Je '56.

PROTOPOPOV, VIKTOR PAVLOVICH, 1880-

On the 75th birthday and 50th anniversary of the medical, scientific, pedagogical and social activities of Academician V.P. Protopopov of the Academy of Sciences of the Ukrainian S.S.R. A. Khil'chenko, S. Rasin. Fiziol. zhur. [Ukr.] 2 no. 4:3-8 Jl-Ag '56.

PROTOZOA

Action of phytoncides of Alnus incana, of Juniperus, and of Iceland moss on Protozoa. E.V. Sorochenko. Antibiotiki 1 no. 3:59-63 My-Je '56.

Intraspecific ecological categories in pathogenic protozoa [with English summary in insert]. S.A. Hoare. Zool. zhur. 35 no. 8:1113-1117 Ag '56.

Periodicity in the excretion of intestinal protozoa. A.L. TSetlin, K.I. Usova. Dokl. AN Tadzh. SSR no. 6:31-34 '52.

PRUNING

Multipurpose electric machine for pruning and shaping mulberry trees. N.P. Lebedev. Sel'khoz mashina no. 8:11-13 Ag '56.

PRUT RIVER—FLOODS

Torrential floods in the Prut River basin. P.S. Kurilov. Dop. ta pov. L'viv. un. no. 5, pt. 2:58-60 '55.

PRYZHOV, IVAN GAVRILOVICH, 1827-1885

Forgotten pages; I.G. Pryzhov on Ukrainian literature. Aleksandr Mazurkevich. Sov. Ukr. 6 no. 8:170-181 Ag '56.

PRZHEVAL'SK DISTRICT—PINE

Acclimatization of Scotch pine (Pinus silvestris L.) in Kirghizia. D.I. Prutenskii. Trudy Biol. inst. KirFAN SSSR no. 4:135-145 '51.

PSKOV—TEXTILE INDUSTRY

Progressive women workers of an artel in Pskov. Prom. koop. no. 9:33 S '56.

PSKOV PROVINCE—DRAFT HORSES

Economical effectiveness of draft horses on small plots of land. A. IAkovlev. Konevodstvo 26 no. 7:1-5 Jl '56.

PSORIASIS

Treatment of psoriasis by antipsoriaticum ointment. V.A. Laptev. Vest. ven. i derm. 30 no. 4:11-12 Jl-Ag '56.

PSYCHIATRIC NURSING

Section feldshers as organizers of neuropsychiatric assistance in their section. G.V. Zenevich. Fel'd. i akush. 21 no. 9:15-20 S '56.

PSYCHIATRY

Principles of pharmacotherapy of disorders in the higher nervous activity of mental patients. L.L. Rokhlin. Fiziol. zhur. [Ukr.] 2 no. 4:36-42 Jl-Ag '56.

PSYCHOLOGICAL WARFARE

Problems in the theory of psychological warfare [with summaries in English, German, and French, p. 135]. K. Krylov. Issl. i mat. Inst. po izuch. SSSR Ser. 2 no. 49:3-44 '56.

Propaganda as a weapon of political struggle and the methods of anti-Communist propaganda [with summaries in English, German, and French, p. 154]. A. Kazantsev. Issl. i mat. Inst. po izuch. SSSR Ser. 2 no. 49:46-124 '56.

PSYCHOLOGY

The concept of readiness ("ustanovka"). E.K. Abashidze. Vop. psikhol. 2 no. 4:21-33 Jl-Ag '56.

Fifth conference on the problems of speech perception. V.A. Artemov. Vop. psikhol. 2 no. 4:168-170 Jl-Ag '56.

"Psychology"; a textbook for pedagogical schools. Reviewed by M.M. Makliak, F.K. Zhezhera, T.I. IEvtushek. Rad. shk. 35 no. 9:52-55 S '56.

PSYCHOLOGY—BIBLIOGRAPHY see Bibliography—Psychology

PSYCHOLOGY—HISTORY

Development of psychology into an independent branch of study. M.G. IAroshevskii. Vop. psikhol. 2 no. 4: 34-45 Jl-Ag '56.

PSYCHOLOGY—STUDY AND TEACHING

Factual data to support a psychology course. V.E. Syrkina. Vop. psikhol. 2 no. 4:144-153 Jl-Ag '56.

Fortunatov, G.A. [Teaching psychology in pedagogical schools] O prepodavanii psikhologii v pedagogicheskikh uchilishchakh. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1951. 41 p.

Russia (1917- R.S.F.S.R.) Glavnoe upravlenie vysshikh i srednikh pedagogicheskikh uchebnykh zavedenii. [Programs of pedagogical schools psychology] Programmy pedagogicheskikh uchilishch; psikhologiia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 12 p.

PSYCHOLOGY, CHILD see Child study

PSYCHOLOGY, EDUCATIONAL see Educational psychology

PSYCHOLOGY, FORENSIC

Ambulatory forensic psychiatric examinations in a consolidated psychoneurological hospital. A.L. Loshchinskii. Fiziol. zhur. [Ukr.] 2 no. 4:51-55 Jl-Ag '56.

PSYCHOLOGY, INDUSTRIAL

Studying the psychology of work. S.IA. Rubinshtein. Vop. psikhol. 2 no. 4:46-53 Jl-Ag '56.

PSYCHOLOGY, PATHOLOGICAL

Current problems in the physiology and psychology of work and medical psychology. Vop. psikhol. 2 no. 4: 171-176 Jl-Ag '56.

Druzhinin, A.M. [Prevention of neuropsychic diseases] Profilaktika nevropsikhicheskikh zabolevanii. [Moskva] Ivanovskoe knizhnoe izd-vo, 1955. 55 p. (DAFM)

Pathogenesis of some somatogenic psychic disorders in in the light of I.P. Pavlov's teaching on the higher nervous activity. IE.V. Maslov. Fiziol. zhur. [Ukr.] 2 no. 4:91-96 Jl-Ag '56.

Psychic disorders in cerebro-hypophysial cachexia. M.G. Malkina, A.V. Arkhangel'skii. Probl. endok. i gorm. 2 no. 1:3-7 Ja-F '56.

PSYCHOLOGY, PHYSIOLOGICAL

Controversial methodological problems in the study of the higher nervous activity in man. K.S. Ratner. Fiziol. zhur. [Ukr.] 2 no. 4:140-143 Jl-Ag '56.

PSYCHOLOGY AND WEATHER see Weather—Mental and physiological effect

PSYCHONEUROSES see Neuroses

PSYCHOSES

Antibiotics in the system of complex therapy for mental diseases. A.S. Shmar'ian. Fiziol. zhur. [Ukr.] 2 no. 4:26-35 Jl-Ag '56.

Limits to the use of electroconvulsive therapy in psychiatric practice; new method of combined narcoselectroconvulsive therapy of psychoses. M.IA. Sereiskii. Fiziol. zhur. [Ukr.] 2 no. 4:21-25 Jl-Ag '56.

PSYCHOTHERAPY

Some theoretical problems of somnopsychotherapy. M.M. Perel'muter. Fiziol. zhur. [Ukr.] 2 no. 4:62-70 Jl-Ag '56.

PUBLIC BUILDINGS see subdivision under Moscow

PUBLIC HEALTH
(see also subdivision under Shcherbakov)

Brief news. Gig. i san. 21 no. 9:63-64 S '56.

Conference of future and graduate feldshers. L.S. Rozanov. Fel'd. i akush. 21 no. 8:58-60 Ag '56.

For the health of man. V.M. Zhdanov. Nauka i zhizn' 23 no. 9:1-3 S '56.

More attention to the training of public health units. Sov. kras. kreat 6 no. 4:1-2 Jl-Ag '56.

PUBLIC HEALTH—ABSTRACTS

[Abstracts of Soviet medical literature: Public health, hygiene and sanitation, history of medicine.] Sovetskoe meditsinskoe referativnoe obozrenie: Zdravookhranenie, gigiena i sanitariia, istoriia meditsiny no.19 '56.

[Abstracts of Soviet medical literature: Public health, hygiene and sanitation, history of medicine.] Sovetskoe meditsinskoe referativnoe obozrenie: Zdravookhranenie, gigiena i sanitariia, istoriia meditsiny no.20 '56.

PUBLIC HEALTH—CONGRESSES

On the results of the 13th All-Union Congress of Hygienists, Epidemiologists, Microbiologists and Specialists in Infectious Diseases. Gig. i san. 21 no.9:3-6 S '56.

PUBLIC HEALTH—HISTORY

Hygiene concepts in the works of Russian 18th-century physicians (I. V. Vel'tsin, I. I. Enegol'm, A. A. Shpir), V. A. Nevskii. Gig. i san. 21 no.9:44-50 S '56.

PUBLIC HEALTH, RURAL

Health education in the home. P. V. Borisov. Fel'd. i akush. 21 no.7:49-52 Jl '56.

How we conduct our health education work in villages. I. A. Zemchenko. Fel'd. i akush. 21 no.7:47-48 Jl '56.

Taking prophylactic measures in sanitation and epidemic control during the spring and summer at a state farm on reclaimed land. V. I. Ivanov. Fel'd. i akush. 21 no.9:42-44 S '56.

PUBLIC LAUNDRIES see subdivision 'Laundries, Public' under Moscow

PUBLIC PROSECUTORS
(see also subdivision under China)

Procedural status and functions of Soviet public prosecutors at the indictment stage. I. V. Tyrichev. Nauk. zap. L'viv. un. 27:79-88 '54.

[The Soviet public prosecutor; in the most important documents] Sovetskaia prokuratura; v vazhneishikh dokumentakh. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 507 p.

PUBLIC WELFARE

Train workers in the right way. V. Rachinskii. Sots. obesp. 17 no.5/6:21 My-Je '56.

PUBLISHERS AND PUBLISHING

Charter of the All-Union Publishing and Printing Association "Vneshtorgizdat." Vnesh. torg. 26 no.9:30 S '56.

Most important tasks of publishing houses and printing industry. Poligr. proizv. no.4:2-8 Jl-Ag '56.

Publishing afds. A. Kontorovich. Sov. pech. no.9: 31 S '56.

The situation and tasks in art publications. E. S. Meltkadze. Vop. izobr. isk. no.2:73-92 '55.

Tricks of publishing houses. A. Cherniakov. Sov. knizh. torg. no.9:24-25 S '56.

PUJŎN PLATEAU, KOREA—DESCRIPTION AND TRAVEL

Pujŏn Plateau. Han Cha-sŏn. Nov. Kor. no.8:40-42 Ag '56.

PULLEYS

Crane trolleys with a reduced number of pulley-block branches. A. B. Vernik. Vest. mash. 36 no.9:3-11 S '56.

Pulley block for joining conveyer belts. G. M. Prokof'ev. Der. prom. 5 no.8:23 Ag '56.

PULMONARY EDEMA

Effect of ACTH and of cortisone on the development of experimental toxic edema of the lung in rats. N. P. Smirnov. Probl. endok. i gorm. 2 no.1:75-78 Ja-F '56.

Mechanism of acute pulmonary edema in mitral stenosis [with summary in English, p. 157]. V. Marinescu, Ionescu-Ruajor-Carus. Vest. khir. 77 no.7:23-26 Jl '56.

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULSE TECHNIQUES (ELECTRONICS)

Decreasing distortions of pulse fronts in video amplifiers having flat triodes. T. M. Agakhanian. Radiotekhnika 11 no.9:54-58 S '56.

Detecting pulses of complex form. E. L. Gerenrot. Radiotekh. i electron. 1 no.4:436-442 Ap '56.

Utilizing harmonics for calculating envelope curves. A. A. Kulikovskii. Radiotekhnika 11 no.9:72-74 S '56.

PULVERIZED COAL see Coal, Pulverized

PULVERIZERS

Burning Transcarpathian lignite in furnaces with shaft-type impact mills. N. M. Platyshkin, G. I. Savvakin. Energetik 4 no.9:29-31 S '56.

Using shaft-type impact mills with metal collectors. A. V. Bazhenov, N. B. Shalaev. Energetik 4 no.8:11-12 Ag '56.

PUMICE
(see also subdivision under Elar region)

Correlation between the strength of porous material and the degree and nature of porousness. Z. A. Aisagortsian. Dokl. AN Arm. SSR 16 no.5:141-147 '53.

PUMPING MACHINERY

Automatic starting of turbo-feed pumps. S. N. Nezlobin. Energetik 4 no.8:14-15 Ag '56.

"High-pressure hydraulic pumps and pump storage stations." V. A. Mikheev. Reviewed by A. IA. Shapiro, M. A. Makheeva. Vest. mash. 36 no.6:89-91 Je '56.

Improved series of pumps of the artesian turbine pump type. D. M. Khokhlovkin. Vod. i san. tekh. no.8:16-19 Ag '56.

OVPT - 270 feed turbopump. G. I. Dembo. Energomashinostroenie no.9:25 S '56.

Pump for liquid manure. A. A. IAvors'kyi. Sots. tvar. 28 no.10:52 O '56.

Remote control of water intake wells under river beds. L. B. Kublanovskii. Vod. i san. tekh. no.8:11-16 Ag '56.

Simplified method for selecting the power of a diesel drive of pumps in turbodrilling. A. G. Vasil'ev. Azerb. neft. khoz. 35 no.2:14 F '56.

Valve knocking in piston pumps. V. I. Zaitsev. Trudy MNI no.16:183-194 '56.

PUMPING MACHINERY—TESTING

Testing data on direct-acting steam feed pumps. V. Ermilov. Mor. flot 16 no.8:21-23 Ag '56.

PUMPING STATIONS

Power supply for water-pumping compressor stations in oil fields. V. A. Ruvinskii. Energ. biul. no.7:5-11 Jl '56.

PUMPS, CENTRIFUGAL see Centrifugal pumps

PUNCH PRESS PRACTICE see Sheet-metal work

PUNCHED CARD SYSTEMS

Studying the psychology of work. S. IA. Rubinshtein. Vop. psikhol. 2 no.4:46-53 Jl-Ag '56.

PUNCHES

Steel and plastic aluminum-alloy bimetal rolled strips for stamping bearing bushes. A. PSemenov. Vest. mash. 36 no.6:40-45 Je '56.

PUNCHING MACHINERY

Mechanical punching and drilling in electric installation work. G. E. Khromchenko, L. A. Komissarov. Prom. energ. 11 no.7:1-4 Jl '56.

Progressive work practices of the punch die operator. N. V. Vilonov, N. S. Khitryi. Metallurg no.9:33-34 S '56.

PUNJAB—DANCING—FOLK AND NATIONAL DANCES

Dances of Punjab peasants. Balvant Gargi. Smena 33 no.11:16 Je '56.

PUPPETS AND PUPPET PLAYS see subdivision under Moscow

PURIFICATION OF WATER see Water—Purification

PURINES

Participation of oxypurines in adrenaline exchange. Part 3. Effect of oxypurines on the oxidation of pyrocatechin and adrenaline in the presence of phenolase. G. Kh. Buniatian, V. G. Mkhitarian, V. B. Egiian. Dokl. AN Arm. SSR 10 no.4:167-171 '49.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Akademiia nauk SSSR. Institut iazykoznaniia. [A dictionary of Pushkin's language; in four volumes] Slovar' iazyka Pushkina; v chetyrekh tomakh. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei.
Vol. 1. A - Zh. 1956. 806 p.

_____ [Appendix] Prilozhenie. 1956. 51 p.

Heroic Russian past in A. S. Pushkin's works. M. Halavanau. Polymia 34 no.9:143-151 S '56.

Mérimée as the translator of Pushkin (The queen of spades). O. V. Timofeeva. Nauk. zap. L'viv. un. 24: 121-132 '53.

Mickiewicz and Pushkin. D. D. Blagoi. Izv. AN SSSR. Otd. lit. i iaz. 15 no.4:297-314 Jl-Ag '56.

Pushkin and folklore. V. K. Sokolova. Trudy inst. etn. 30 no.1:211-220 '56.

Pushkin's plans to write a novel in prose. A. V. Chicherin. Nauk. zap. L'viv. un. 24:70-100 '53.

PUTORANA MOUNTAINS

Book shelf. Reviewed by V. Raush. Geog. v shkole 19 no.4:78-79 Jl-Ag '56.

PYATAYA IVANOVKA—GABBRO

Gabbro-norite rocks at Pyataya Ivanovka in Kirovograd Province. F. A. Rudenko, V. T. Latysh. Nauk. zap. Kiev. un. 13 no.4:175-182 '54.

PYATIGORSK—VETERINARY MEDICINE

The work of a veterinary section. S. K. IAkovlev. Veterinariia 33 no.10:24-26 O '56.

PYCNOMETER

Correcting densimeter readings. S. K. Zaleskii. Sel'khozmashina no.8:24-26 Ag '56.

PYONGYANG, KOREA—EXHIBITIONS

Industrial and agricultural exhibition devoted to the 11th anniversary of the liberation of Korea. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. 1 prop. KNDR 4 no.33:7 Ag '56.

PYONGYANG, KOREA—HOLIDAYS

Festive Pyongyang. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. 1 prop. KNDR 4 no.33:5 Ag '56.

Laying wreaths at the monument of liberation in Pyongyang. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. 1 prop. KNDR 4 no.33:2 Ag '56.

Military parade and workers' demonstration in the central square of Pyongyang. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. 1 prop. KNDR 4 no.33:3-4 Ag '56.

Solemn conference of Pyongyang workers devoted to the 11th anniversary of the liberation of Korea. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. 1 prop. KNDR 4 no.33:2-3 Ag '56.

PYONGYANG, KOREA—MUSIC FESTIVALS

All-Korean art festival of youth and students. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. 1 prop. KNDR 4 no.32:5-6 Ag '56.

PYONGYANG, KOREA—ORPHANS AND ORPHANAGES

All-Korean conference of personnel working with children. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. 1 prop. KNDR 4 no.29:5-6 Jl '56.

PYONGYANG, KOREA—SPORTS

All-Korean sports festival of youth and students in honor of the 11th anniversary of the liberation of Korea. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. 1 prop. KNDR 4 no.33:7-8 Ag '56.

PYONGYANG, KOREA—TEXTILE INDUSTRY

In the Pyongyan textile plant. N. Sunkin. Nov. Kor. no.8:10-20 Ag '56.

PYONGYANG, KOREA—WOMEN—CONGRESSES

In Korea; a sketch. L. Shovandina. Lit. Stat. 10:104 '55.

PYPIN, ALEKSANDR NIKOLAEVICH, 1833-1904

A. N. Pypin's letter to Ivan Franko. Mykola Hudzii. Zhovten' 6 no.9:50-51 S '56.

PYRAMIDONE

Use of pyramidon and phenacetine in the postoperative stage in thyrotoxicosis. N. O. Nikolaev. Probl. endok. i gorm. 2 no.1:20-26 Ja-F '56.

PYRANONE

Cyanoethylated ketones in the synthesis of unsaturated δ-lactones. A new method of α-pyrone synthesis. N. P. Shusherina, M. IU. Lur'e, R. IA. Levina. Dokl. AN SSSR 109 no.1:117-119 Jl-Ag '56.

PYRAZOLIDINEDIONE

Butadione therapy in rheumatic and nonspecific and rheumatoid polyarthritis. A. P. TSareva. Terap. arkh. 28 no.5:14-23 '56.

Use of butadion in nonspecific infectious polyarthritis. G. K. Alekseev. Sov. med. 20 no.7:43-46 Jl '56.

PYREXIA see Fever

PYRIDINE

Certain β-chloroethyl and ethylenimine derivatives of pyridine. B. M. Mikhailov, T. K. Kozminskaia. Zhur. ob. khim. 26 no.7:2042-2046 Jl '56.

Complex compounds of boron hydrides with nitrogen-containing organic bases. Part 1. Compounds of diborane with pyridine and quinoline. V. I. Mikheeva, E. M. Fedneva. Zhur. neorg. khim. 1 no.5:894-902 My '56.

Compounds of beryllium oxyacetates with pyridine and dioxane. A. V. Novoselova and others. Zhur. neorg. khim. 1 no.4:696-702 Ap '56.

Experimental proof of the Baker-Nathan effect. M. I. Batuev. Zhur. ob. khim. 26 no.7:1888-1896 Jl '56.

Pyridine nucleotides in the liver and muscles of rabbits and their enzymatic decomposition in alloxan diabetes. E. L. Rozenfel'd, A. A. Kobzeva. Probl. endok. i gorm. 2 no.3:88-93 My-Je '56.

Tautomerism of α-pyridone and carboxypyrii. M. I. Kabachnik, S. T. Ioffe, IU. N. Sheinker. Zhur. ob. khim. 26 no.7:2025-2029 Jl '56.

PYRITES
(see also subdivision under Ural Mountains)

Bases and outlook for intensive high-temperature pyrite roasting using a power engineering system. N. A. Semenenko, L. N. Sidel'kovskii, A. P. Shurygin. Khim. prom. no.3:129-135 Ap-My '56.

Separating pyrite and arsenopyrite by flotation. N. P. Tabakopulo, IU. A. Tarasov. TSvet. met. 29 no.8:4-9 Ag '56.

Synthesis of pyrite labeled with the isotope $S^{35}$. V. F. Oreshko, L. D. Khatchatrian, M. D. Kozlova. Zhur. neorg. khim. 1 no.4:838-840 Ap '56.

PYROCATECHOL

Participation of oxypurines in adrenaline exchange. Part 3. Effect of oxypurines on the oxidation of pyrocatechin and adrenaline in the presence of phenolase. G. Kh. Buniatian, V. G. Mkhitarian, V. B. Egiian. Dokl. AN Arm. SSR 10 no.4:167-171 '49.

PYROCHLORE

Using radioisotopes to investigate the dephosphorization process of pyrochloric concentrates. P. A. Sakharuk and others. TSvet. met. 29 no.7:7-9 Jl '56.

PYROLYSIS

Organic peroxides from pyrolysis products of petroleum. M. M. Movsumzade. Trudy Azerb. ind. inst. no. 8:70-73 '54.

Selecting stock for obtaining thermal cracked gasoline enriched with ethylene. R. G. Ismailov, Z. A. Sultanov, T. M. Ivanova. Azerb. neft. khoz. 35 no. 4:22-26 Ap '56.

PYROMETRY

Recent methods and electronic systems in radiation pyrometry. D. IA. Svet. Priborostroenie no. 8:15-17 Ag '56.

Thermographic analysis of clay minerals saturated with ions of aluminum and trivalent iron. S. N. Aleshin, A. N. Ivanov. Izv. TSKhA no. 1:217-226 '56.

PYROPHOSPHATES

The effect of sodium fluoride on the formation of pyrophosphates by yeasts during fermentation [with English summary in insert]. A. M. Malkov, L. A. Bogdanova. Mikrobiologiia 25 no. 4:406-414 Jl-Ag '56.

PYRRHUS, King of Epirus, B. C. 318-272

The first year of the Pyrrhic war. I. I. Veitskivs'kyi. Nauk. zap. L'viv. un. 25:177-191 '53.

History of the Pyrrhic war. I. I. Veitskivs'kyi. Nauk. zap. L'viv. un. 36:173-190 '55.

Q FEVER see subdivision under Tajikistan

QUACK GRASS

Effect of cultivation practices on the decrease of wireworms. B. G. Shurovenkov. Zashch. rast ot vred. i bol. 1 no. 2:35-36 My-Je '56.

Problem of the chemical control of quack grass. V. S. Birlukova. Zemledelie 4 no. 9:92-95 S '56.

QUADRATIC FORMS see Forms, Quadratic

QUANTUM THEORY

Analytic continuation of generalized functions. N. N. Bogoliubov, O. S. Parasiuk. Dokl. AN SSSR 100 no. 4:717-719 Ag '56.

Determination of characteristic values of physical quantities by means of quantum distribution functions. IU. L. Klimontovich. Dokl. AN SSSR 108 no. 6:1033-1036 Je '56.

Dispersion relation for Fermi particles. V. Fainberg, E. Fradkin. Dokl. AN SSSR 109 no. 3:507-510 Jl '56.

Generalization of the method of auxiliary variables. D. N. Zubarev. Dokl. AN SSSR 109 no. 3:488-492 Jl '56.

Nonrelativistic regularization of S-matrices. B. M. Stepanov. Dokl. AN SSSR 108 no. 6:1045-1047 Je '56.

Omel'ianovskii, M. A. [Philosophical problems of quantum mechanics] Filosovskie voprosy kvantovoi mekhaniki. Moskva, Izd-vo Akademii nauk SSSR, 1956. 267 p.

On a certain model in the quantum field theory. V. G. Solov'ev. Dokl. AN SSSR 108 no. 6:1041-1044 Je '56.

Perturbation theory for the transition from discrete spectrum to continuous spectrum. V. P. Maslov. Dokl. AN SSSR 109 no. 2:267-270 Jl '56.

Possible interpretation of perturbation series in quantum field theory. V. I. Ogievetskii. Dokl. AN SSSR 109 no. 5:918-922 Ag '56.

Retardation in the interaction of neutral atoms. I. E. Dzialoshinskii. Zhur. eksp. i teor. fiz. 30 no. 6:1152-1154 Je '56.

QUARANTINE, PLANT see Plant quarantine

QUARRIES AND QUARRYING

Interrelation of collective farms and quarries of the Union blasting industry for obtaining stone by the boring and blasting system. Sel'. stroi. 11 no. 8:29-30 Ag '56.

QUARTZ

Andesite basalts of Arzni (Armenia) containing quartz. L. A. Vardaniants. Dokl. AN Arm. SSR 11 no. 1:25-28 '49.

Crystal-bearing quartz veins. E. M. Laz'ko. Dokl. AN SSSR 108 no. 6:1157-1159 Je '56.

Elastic properties of high-temperature $\beta$-quartz. V. G. Zubov, M. M. Firsova. Dokl. AN SSSR 109 no. 3:493-494 Jl '56.

Equilibrium diagrams of systems NaCl — $H_2O$, $Na_2SO_4$ — $H_2O$, $CaSO_4$ — $H_2O$ and $SiO_2$ — $H_2O$. M. A. Styrikovich, I. Kh. Khaibullin. Dokl. AN SSSR 109 no. 5:963-965 Ag '56.

Replacement of quartz by gibbsite. N. A. Lisitsyna. Dokl. AN SSSR 109 no. 5:1023-1025 Ag '56.

Use of pulverized quartz in the manufacture of glass. A. I. Zhilin. Stek. i ker. 13 no. 9:26-27 S '56.

QUEEN BEES see Bee culture—Queen rearing

QUICKSILVER see Mercury

QUINALDINE

Research in the field of tautomeric compounds. Part 22. Mobility of the hydrogen atoms of the methyl group in quinaldine. A. E. Porai-Koshits, I. I. Chizhevskaia. Zhur. ob. khim. 26 no. 7:1950-1958 Jl '56.

QUINCE

Japanese quince. I. M. Sakharov. Sad i og. no. 8:71-72 Ag '56.

QUININE—TOXICOLOGY

Affection of the eyes in quinine poisoning. IU. Z. Rozenblium. Trudy AN Tadzh. SSR 40:153-157 '55.

QUINOLINE

Complex compounds of boron hydrides with nitrogen-containing organic bases. Part 1. Compounds of diborane with pyridine and quinoline. V. I. Mikheeva, E. M. Fedneva. Zhur. neorg. khim. 1 no. 5:994-902 My '56.

Investigations of methods of radical chemoprophylaxis and of complete cure of tertian malaria with short and long incubation periods. Report no. 7: Results of using quinocide in the treatment of tertian malaria with various possibilities of reinfection. F. I. Fastovskaia, A. IA. Lysenko, F. N. Shchelkunova. Med. paraz. i paraz. bol. 25 no. 3:222-226 Jl-S '56.

New derivatives of 2-methyl-4-oxyquinoline [in Armenian with summary in Russian]. L. V. Giul'budagian. Nauch. trudy Erev. un. no. 53:57-64 '56.

Resochin in the treatment of lupus erythematosus. V. A. Rakhmanov, P. I. Ksanfopulo. Vest. ven. i derm. 30 no. 4:8-10 Jl-Ag '56.

Study of metastable equilibriums among liquid phases. Part 5. I. L. Krupatkin. Zhur. ob. khim. 26 no. 7:1831-1837 Jl '56.

QUINOLINOL

Use of oxin in the volumetric method for determining phosphorus in mineral fertilizers. V. M. Litvinchuk, IA. P. Berkman. Nauch. zap. LPI no. 20:81-93 '55.

RABBITS—DISEASE

Trichophytosis of the claws in a rabbit. Z. G. Stepanishcheva. Veterinariia 33 no. 10:59-60 O '56.

RABINOVICH, ISAAK MOISEEVICH, 1886-

Isaak Moiseevich Rabinovich. Prykl. mekh. 2 no. 2:230-234 '56.

RACCOON DOG see subdivision under Ukraine

RACCOONS

Some data on the propagation and growth of raccoons (Procyon lotor L.). F. F. Aliev. Dokl. AN Azerb. SSR 12 no. 8:583-592 '56.

RACE QUESTION see subdivision under United States

RACES OF MAN see Ethnology

RACING see Horse racing

RADAR

Calculating the effective area of surface target reflection in the centimeter wave band. G. I. Perov. Radiotekhnika 11 no. 7:57-59 Jl '56.

RADAR IN AERONAUTICS

Radar sets on commercial airplanes. E. Veresotskii. Grazhd. av. 13 no. 8:26-28 Ag '56.

RADAR IN NAVIGATION

Graphic plotting is a reliable method for radar observation of approaching vessels. N. Averbakh. Mor. flot 16 no. 9:10-11 S '56.

RADIATION—CONGRESSES see subdivision under Geneva

RADIATION—PHYSIOLOGICAL EFFECT

Biological effect of nuclear radiation and methods for protection against it. O. O. Horodets'kyi. Visnyk AN URSR 27 no. 7:12-18 Jl '56.

Specific characteristics of the biologic action of ionizing radiations. I. F. Kovalev. Vest. rent. i rad. 31 no. 4:54-63 Jl-Ag '56.

RADIATION—TOXICOLOGY

Characteristic features of the course and outcome of acute radiation syndrome produced by general external and internal ionizing irradiation. O. O. Horodets'kyi. Fiziol. zhur. [Ukr.] 2 no. 3:137-143 My-Je '56.

RADIATION, OIL WELL LOGGING see Oil well logging, Radiation

RADIATION, SOLAR see Solar radiation

RADIATION, STELLAR see Stars—Radiation

RADIATION SICKNESS

Changes in the electrical activity of the heart and brain of animals in acute radiation sickness. M. A. Movsesian, A. A. Oganisian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 8:13-20 Ag '56.

The course of radiation sickness in mice in lowered atmospheric pressure. I. B. Bychkovskaia, G. S. Strelin, I. V. Shiffer. Med. rad. 1 no. 3:88-92 My-Je '56.

Effect of ionizing radiations on the reactivity of the skin in relation to pyogenic infection and some external irritants. V. I. Samisov. Vest. ven. i derm. 30 no. 4:3-7 Jl-Ag '56.

"The physician in atomic defense." Thad. P. Sears. Reviewed by B. M. Khromov. Khirurgiia 32 no. 8:90-91 Je '56.

Some results and possible prospects in research on blood changes in radiation sickness. N. A. Kraevskii. Med. rad. 1 no. 3:6-11 My-Je '56.

Specific characteristics of the biologic action of ionizing radiations. I. F. Kovalev. Vest. rent. i rad. 31 no. 4:54-63 Jl-Ag '56.

Treating radiation sickness with BK-0 protein blood substitute, vitamin $B_{12}$, and streptomycin. IE. IU. Chebotar'ov. Fiziol. zhur. [Ukr.] 2 no. 3:157-163 My-Je '56.

RADIATORS

Flushing heating systems using compressed air. M. A. Aksenov. Vod. i san. tekh. no. 9:33-34 S '56.

Some causes of unsatisfactory performance of ventilation system air heaters. B. I. Genkin. Vod. i san. tekh. no. 7:24-27 Jl '56.

Using steam radiators in heating systems. L. S. Kondrat'ev. Vod. i san. tekh. no. 8:34-36 Ag '56.

RADICALS (CHEMISTRY)

Primary radical formation in the vapor-phase nitration of alkanes by nitrogen dioxide. A. V. Topchiev, N. N. Neptsov. Izv. AN SSSR. Otd. khim. nauk no. 7:803-808 Jl '56.

RADIO

(see also subdivision under Leningrad)

All-Union scientific session devoted to Radio Day. Radiotekhnika 11 no. 8:71-73 Ag '56.

All-Union scientific session devoted to Radio Day. Radiotekhnika 11 no. 9:75-79 S '56.

Assembling radio equipment. N. Zykov. Radio no. 8:41-44 '56.

Bonch-Bruevich, M. A. [A collection of works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR, 1956. 526 p.

Evening devoted to Radio Day. Radiotekhnika 11 no. 8:78 Ag '56.

Increase the role of SMUR's (Office for Building and Installing Radio Systems) in bringing radio to the village. Vest. sviazi 16 no. 8:20-22 Ag '56.

Lovinzon-Aleksandrov, F. L., S. L. Davydov, and I. P. Zherebtsov. [Radio engineering; a manual for sergeants in the signal corps] Radiotekhnika; uchebnoe posobie dlia serzhantov voisk sviazi. Izd. 2-oe, ispr. i dop. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 370 p.

Technical advice. Radio no. 8:62-63 Ag '56.

RADIO—AMATEURS' MANUALS

Smetanin, B. M. - [The young radio builder] IUnyi radiokonstruktor. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 280 p.

RADIO—ANTENNAS

Effect of precipitation (ice) on the electric properties of wire mesh surfaces. V. K. Paramonov. Radiotekhnika 11 no. 9:12-20 S '56.

Receiving antennas and industrial radio noise. V. V. Roditi, M. S. Gertsenshtein. Radiotekhnika 11 no. 9:21-27 S '56.

Using moving wave receiving antennas. N. P. Arkamenkov. Vest. sviazi 16 no. 8:8-10 Ag '56.

Ways of increasing the efficiency of simple multiple-tuned antennas. S. I. Nadenenko. Radiotekhnika 11 no. 8:25-30 Ag '56.

RADIO—APPARATUS AND SUPPLIES

(see also subdivision under Moscow)

Control cabinet for power feeders. Vest. sviazi 16 no. 8:31 Ag '56.

Efficiency proposals in the field of radio communication and radio installation. Vest. sviazi 16 no. 8:27-29 Ag '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Radio equipment industry.] Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' no. 26 Je '56.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—CONGRESSES see subdivision under Kiev; Leningrad

RADIO—INSTALLATION IN AUTOMOBILES

No. 1 automobile radio station. A. Sinel'nikov. Zdorov'e 2 no. 9:29 S '56.

RADIO—INTERFERENCE

Eliminating noise coming through the circuit. V. Potapeiko. Radio no. 8:45 Ag '56.

Experimental investigation of the law of fluctuation pip distribution according to duration. V. I. Tikhonov. Radiotekhnika 11 no. 8:31-35 Ag '56.

Noise resistance and the efficiency of telephone-radio communication in the presence of fluctuation noise. A. G. Ziuko. Radiotekhnika 11 no. 8:14-24 Ag '56.

RADIO—JUVENILE LITERATURE

Niamtsov, V. [Invisible paths] Nidimyia shliakhi. Pereklad z belarus. i dap. vyd. Minsk, Dziarzh. vyd-va BSSR, 1956. 261 p.

RADIO—RECEIVERS AND RECEPTION
(see also subdivision under Germany)

Effectiveness of doubled reception during the presence of noise from radio stations on adjacent frequencies. V. M. Rozov. Radiotekhnika 11 no. 7:14-25 Jl '56.

The 420-425 megacycle radio set. V. Lomanovich. Radio no. 8:22-26 Ag '56.

Metal box and chassis assemblies (From: "Wireless World" Ap '56). Radio no. 8:56-57 Ag '56.

New radio and television equipment. F. Tormazov. Radio no. 8:16-18 Ag '56.

A receiver which can use battery or electric line power is needed. I. Tarnovskii. Radio no. 8:26 Ag '56.

Transient processes in detecting weak signals. L. S. Gutkin. Radiotekh. i electron. 1 no. 4:433-437 Ap '56.

Troitskii, L. V. [The first receiving set] Pervyi radiopriemnik. Moskva, Izd-vo DOSAAF, 1956. 14 p. (V pomoshch' nachinaiushchemu radiolubiteliu)

RADIO—REPAIRING

Arutiunov, K. G., I. I. Bordzilovskii, and N. R. Peresun'ko. [Repair of radio apparatus; a manual for radio engineers] Remont radiotekhnicheskikh sredstv; uchebnoe posobie dlia radiomasterov. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 409 p.

RADIO—STUDY AND TEACHING see subdivision under Astrakhan Province

RADIO, MILITARY

Military radio operators in training. V. Grigor'ev. Radio no. 8:10 Ag '56.

RADIO, SHORTWAVE

List of conventional call letters for the countries of the world. Radio no. 8:21 Ag '56.

RADIO AMPLIFIERS see Amplifiers, Electron-tube

RADIO ASTRONOMY

Non-ionospheric intensity fluctuations of nebular radio emissions. V. L. Ginzburg. Dokl. AN SSSR 109 no. 1: 61-63 Jl-Ag '56.

Observations of radio emission from source Taurus A during lunar occultation. V. V. Vitkevich, V. A. Udal'tsov. Astron. tsirk. no. 169:5-6 '56.

RADIO CIRCUITS

Feedback in circuits having crystal triodes. IA. K. Trokhimenko. Radiotekhnika 11 no. 9:46-53 S '56.

Rizkin, I. Kh. [Frequency division] Delenie chastoty. Moskva, Gos. energ. izd-vo, 1956. 37 p. (Massovaia radiobiblioteka, no. 246)

RADIO CLUBS
(see also subdivision under Kharkov)

The club council and its active members. M. Zozulia, IA. Reidler. Radio no. 8:11-12 Ag '56.

What letters to the editors say. Radio no. 8:3 Ag '56.

RADIO FILTERS

Basic properties and characteristics of synchronous filters. N. K. Ignat'ev. Radiotekhnika 11 no. 9:59-71 S '56.

Mutual correlation of fluctuation noise on the output of frequency filters. M. V. Maksimov. Radiotekhnika 11 no. 9:28-38 S '56.

RADIO FREQUENCY MODULATION

Simplified limiter-discriminator for FM receivers (From: "Wireless World" Ap '56). Radio no. 8:57 Ag '56.

RADIO IN AGRICULTURE

Radio dispatcher system. A. S. Babenko. Nauka i pered. op. v sel'khoz. no. 9:34-36 S '56.

Radio dispatcher system in machine-tractor stations. E. Bezbozhnaia. MTS 16 no. 8:20-22 Ag '56.

RADIO IN PROPAGANDA

The role of the speaker in broadcasting [with summaries in English, German, and French, p. 164]. L. Rzhevskii. Issl. i mat. Inst. po izuch. SSSR Ser. 2 no. 40:125-133 '56.

RADIO OPERATORS

High-speed radio receiving with manual transcription. Irzhi Mrazek. Radio no. 8:14-15 Ag '56.

Military radio operators in training. V. Grigor'ev. Radio no. 8:10 Ag '56.

RADIO OPERATORS—COMPETITIONS

It is time to prepare for the shortwave radio competitions. M. Tikhonov. Radio no. 8:40 Ag '56.

RADIO RELAY SYSTEMS

Beyond the line of eternal snow. N. Koroteev. Radio no. 8:4 Ag '56.

Effect of small fluctuations on electronic relays. V. I. Tikhonov. Vest. Mosk. un. 11 no. 5:31-41 My '56.

RADIO WAVES

Frequency multiplication and division in unmodulated and modulated oscillations. I. T. Turbovich. Radiotekhnika 11 no. 8:3-13 Ag '56.

Possible transmission band in long-range tropospheric propagation. V. N. Troitskii. Radiotekhnika 11 no. 9: 3-7 S '56.

RADIOACTIVE SUBSTANCES

Aerial prospectors of the earth's interior. A. Sinel'nikov. Znan. sila 31 no. 8:14-16 Ag '56.

Truth and fiction about the transmutation of substances. L. B. Dashkevich. Nauka i zhizn' 23 no. 9:36-39, 41 S '56.

RADIOACTIVE TRACERS

Atomic energy in agriculture. S. S. Rzhishchev, V. S. Aleshin. Nauka i pered. op. v sel'khoz. no. 8:68-72 Ag '56.

Conference on the use of tracers in the chemistry of compounds. Z. A. Sheka. Zhur. neorg. khim. 1 no. 3:345-348 F '56.

Determining the extracellular "sulfate" space in rabbits with the aid of radioactive sulfur. M. A. Khvolnyts'ka. Ukr. biokhim. zhur. 28 no. 3:364-368 '56.

Migration of radioactive phosphorus absorbed by the leaves of tillering oat plants. G. V. Zabluda, M. I. Prosteva. Dokl. AN SSSR 109 no. 2:397-399 Jl '56.

Research in the field of compounds labeled with $C^{14}$ and $N^{15}$. Part 4. Synthesis of "key" compounds. V. I. Maimind and others. Zhur. ob. khim. 26 no. 7:1962-1967 Jl '56.

Studying the action of chlorophyll in the animal organisms by means of tagged atoms. F. V. Zakharova. Zhivotnovodstvo no. 8:61-65 Ag '56.

Use of tracers in physicochemical analysis. A. V. Nikolaev. Zhur. neorg. khim. 1 no. 8:1328-1333 Je '56.

Use of tracers in the study of the structure of certain aquopoly and heteropoly compounds. V. I. Spitsyn. Zhur. neorg. khim. 1 no. 3:552-564 Mr '56.

Using radioactive isotopes for research work on functional biology of brain. O. V. Palladin. Visnyk AN URSR 27 no. 7:3-11 Jl '56.

RADIOACTIVE TRACERS—INDUSTRIAL APPLICATIONS

Automatic measurement and regulation of liquid levels by using radioactive tracers. S. I. Rempel', A. M. Samoilov. TSvet. met. 29 no. 7:83-94 Jl '56.

New methods for fluid level measuring using radioactive isotopes. S. V. Medvedev, V. K. Latyshev. Priborostroenie no. 9:6-9 Ag '56.

Studying the kinetics of evaporation and temperature zones in the condensation of zinc in various gas atmospheres. E. A. Vetrenko, R. A. Sidorenko. Trudy Ural. politekh. inst. no. 60:199-205 '56.

RADIOACTIVITY

Constant decay of radioactive elements used for determining geological age. I. K. Zadorozhnyi, S. I. Zykov. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:67-78 '55.

Emanation of minerals and determination of the absolute geological age. N. D. Kosov, V. V. Cherdyntsev. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:22-26 '55.

Influence of external conditions on radioactive decay. V. I. Baranov. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:77-79 '55.

Radioactivity and its medical use. V. IU. Barkovskaia. Fel'd. i akush. 21 no. 8:38-43 Ag '56.

Some problems in the sanitary protection of waters from radioactive contamination. A. N. Marei. Gig. i san. 21 no. 9:7-11 S '56.

RADIOACTIVITY—EFFECT ON PLANTS see Plants, Effect of radioactivity on

RADIOACTIVITY—MEASUREMENT

The DP-1-A roentgenmeter. R. Svoren'. Voen. znan. 31 no. 6:16-17 Je '56.

Recording radioactivity. R. Svoren'. Radio no. 8:52-55 Ag '56.

Simulated military dosimeters. I. Shkradiuk. Voen. vest. 36 no. 9:61-65 S '56.

Spectral signal narrowing in telemetering radioactive radiation. V. N. Mikhailovskii, A. N. Svenson. Avtom. i telem. 17 no. 8:722-727 Ag '56.

RADIOACTIVITY—PHYSIOLOGICAL EFFECT

Pollution of water sources by radioactive matter and hygienic problems of the water supply. M. K. Markarian. Voen.-med. zhur. no. 10:43-49 O '55.

RADIOACTIVITY—SAFETY MEASURES

A device for ridding pipettes, syringes and test tubes of radioactive contamination. N. N. Vasilevskii. Vest. rent. i rad. 31 no. 4:64-65 Jl-Ag '56.

Prevention of radiation injuries to the eyes in radiotherapy. A. I. Morozov, A. Z. Nagrodskaia. Vest. rent. i rad. 31 no. 4:48-51 Jl-Ag '56.

Sanitary, hygienic and technical requirements in planning and equipping laboratories for radioactive substances. V. P. Granil'shchikov, G. M. Perkhomenko. Med. rad. 1 no. 3:42-52 My-Je '56.

Session of the International Committee on Protection from Ionizing Radiation. M. N. Pobedinskii. Med. rad. 1 no. 3:99-100 My-Je '56.

RADIOARGON DATING

Age relationships of granite intrusions of the Ukraine on the basis of argon method data. E. K. Gerling. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:1-8 '55.

RADIOBIOLOGY

"Radiobiology; symposium." Z. Bacq, P. Alexander. Reviewed by IA. L. Shekhtman. Biofizika 1 no. 5:493-494 '56.

RADIOBROADCASTING

Eliminate backwardness in the technology of radio and television broadcasting. K. Sergeichuk. Radio no. 8:1-3 Ag '56.

RADIOCALCIUM see Calcium—Isotopes

RADIOCHEMISTRY

Dropping-desorption express method of isolation and identification of short-lived radioelements [with English summary in insert]. K. V. Troitskii. Zhur. anal. khim. 11 no. 4:383-388 Jl-Ag '56.

RADIOGRAPHY

Pseudophotographic effect occurring following the radiography of tissues. L. V. Funshtein. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:122-126 Mr-Ap '56.

RADIOISOTOPES

Autoradiographic method in studying the distribution of flotation reagents on the surface of mineral particles. I. N. Plaksin, R. Sh. Shafeev, S. P. Zaitseva. Dokl. AN SSSR 108 no. 5:905-906 Je '56.

Distribution of radioactive elements in different parts of uraninite. I. E. Starik, O. S. Melikova, E. V. Sobotovich. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:38-44 '55.

Measurement of the pressure of saturated vapors of solid alloys by means of radioactive indicators. A. N. Nesmeianov and others. Zhur. fiz. khim. 30 no. 6: 1250-1257 Je '56.

Methods for the separation of radioactive isotopes with the aid of complexing. N. P. Rudenko. Zhur. neorg. khim. 1 no. 5:1091-1103 My '56.

Relation of emanating characteristics of uraninite to temperature on the basis of radon, thoron, and actinon. I. E. Starik and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:33-38 '55.

Sorption of radioactive isotopes by iron hydroxide. V. V. Pushkarev. Zhur. neorg. khim. 1 no. 1:170-178 [Jan.] '56.

Study of regularities in the distribution of isomorphic components during the crystallization from aqueous solutions with the aid of radioactive indicators. Part 1. Study of the equilibrium in the system copper ammonium sulfate -- zinc ammonium sulfate -- water at 20° and with the use of radioactive isotopes $Zn^{65}$ and $Cu^{64}$. G. I. Gorshtein, N. I. Silant'eva. Zhur. ob. khim. 26 no. 7:1821-1828 Jl '56.

Study of the extraction of certain chelate compounds by means of radioactive indicators. I. M. Korenman, F. R. Sheianova. Zhur. neorg. khim. 1 no. 4:852-862 Ap '56.

Use of radioactive isotopes in engineering research. A. N. Glazov. Gidr. i mel. 6 no. 9:13-10 S '56.

Using isotopes in catalysis. V. S. Chesalova. Khim. prom. no. 3:185-186 Ap-My '56.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Determining the coefficient of transfer of elements in the welding process with the aid of radioactive isotopes. B. I. Bruk. Svar. proizv. no. 8:1-7 Ag '56.

Investigating impurities in castings by means of radioactive isotopes. B. B. Gulinev and others. Lit. proizv. no. 8:26-27 Ag '56.

Markovskii, E. A., B. A. Movchan, and V. I. Sletsenko. [Radioisotopes in metal research] Radioaktivnye izotopy pri issledovanii metallov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 87 p.

Radioactive prospecting of petroleum. V. M. Zaporozhets. Nauka i zhizn' 23 no. 9:13-16 S '56.

Use of radioactive isotopes for controlling step-by-step pumping of petroleum products through pipelines. V. S. IAblonskii, V. A. IUfin. Neft. khoz. 33 [i. e. 34] no. 9: 56-61 S '56.

Using radioisotopes to investigate the dephosphorization process of pyrochloric concentrates. P. A. Sakharuk and others. TSvet. met. 29 no. 7:7-9 Jl '56.

RADIOLOGY, INDUSTRIAL

Using particle accelerators for defectoscopy and radioscopy of thick-walled objects. A. A. Vorob'ev, V. A. Moskalev. Vest. mash. 36 no. 9:62-65 S '56.

RADIOLOGY, MEDICAL

Radioactivity and its medical use. V. IU. Barkovskaia. Fel'd. i akush. 21 no. 8:38-43 Ag '56.

RADIOLOGY, MEDICAL—PERIODICALS

About the magazine "Vestnik rentgenologii i radiologii." Vest. rent. i rad. 31 no. 4:89-92 Jl-Ag '56.

RADIOLOGY, MEDICAL—SOCIETIES see subdivision under Leningrad; Moscow

RADIOSCOPIC DIAGNOSIS see Diagnosis, Radioscopic

RADIOTHERAPY
Discussion of Prof. S. A. Reinberg's article "Criticism of certain basic aspects in radiobiology." N. D. Perumova. Vest. rent. i rad. 31 no. 4:51-54 Jl-Ag '56.
Effective radiotherapy for cervical cancer and means of adapting it to the individual [with summary in English]. V. P. Tobilevich. Vop. onk. 2 no. 3:338-346 '56.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802
The philosophical, social, and political views of A. N. Radishchev. M. M. Savykova. Pratsi Od. un. 145:277-293 '55.
Political views of A. N. Radishchev in the last years of his career. P. K. Bontash. Nauk. zap. Kiev. un. 13 no. 5:141-161 '54.
Radishchev's place in the history of Russian revolutionary thought. S. A. Pokrovskii. Vop. filos. no. 4: 174-178 '56.

RADIUM see subdivision under Kiyuchevskaya Sopka

RADIUM—ISOTOPES
Comparative leaching of uranium and radium isotopes from uraninite. I. E. Starik, F. E. Starik, E. P. Petriaev. Biul. Kom. po opr. abs. vozr. geol. form. no. 1: 29-32 '55.

RADON
Bathing program and the activity of gases dissolved in TSkhaltubo waters. V. R. Kalamadze. Klin. med. 34 no. 7:86-89 Jl '56.
Neutron emission by a short-lived active deposit of radon. A. V. Kogan. Dokl. AN SSSR 108 no. 5:817-819 Je '56.

RAILROAD BRIDGES
Efficient type of bridge support under ice flow conditions of Siberian rivers. K. N. Korzhavin. Trudy NIIZHT no. 7:15-34 '49.

RAILROAD ENGINEERING
Survey of foreign railroad journals. Zhel. dor. transp. 38 no. 9:90-93 S '56.

RAILROAD MOTORCARS
Parameters for railroad motorcars used on urban lines. N. I. Beshcheva. Zhel. dor. transp. 38 no. 9:18-23 S '56.

RAILROADS
(see also subdivision under Kuznetsk Basin; Moscow; Moscow Province; Siberia)
Increase material rewards for raising labor productivity. V. Peretrutov. Sots. trud. no. 8:57-59 Ag '56.
Mart'ianov, M.M., and others. [Manual for workers in chemical and technological railroad and locomotive depot laboratories] Rukovodstvo rabotnikam dorozhnykh i depovskikh khimiko-tekhnicheskikh laboratorii. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 282 p.
Nauchno-tekhnicheskoe obshchestvo zheleznodorozhnogo transporta. [Railroad handbook] Spravochnaia knizhka zheleznodorozhnika. Izd. 3-e, ispr. i dop. Pod obshchei red. V. A. Garnyka. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 1103 p.
Results of a general study of a railroad. E. F. Karakovskaia. Geog. v shkole 19 no. 4:52-53 Jl-Ag '56.
Robel', R. I. [Railroad transportation in the sixth five-year plan] Zheleznodorozhnyi transport v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 26)
Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Price list no. 28-10 (handbook) of wholesale prices on products manufactured by the industrial enterprises of the Ministry of Railroad Transportation and which ...n established in price lists of other ...urant (No. 28-10, spravochnik) opto-...ktsiiu, vyrabatyvaemuiu promyshlen-...i Ministerstva putei soobshcheniia, ...tverzhdeny v preiskurantakh drugikh ...va, Gos. transp. zhel-dor. izd-vo,
...ad. V. Kutsenko. Voen. vest. 36
...
...JNTS, BOOKKEEPING, ETC.
...oad transportation. Bukhg. uchet ...8.
...[A collection of problems in the calcu...s of the cost of railroad transportation] ...o kal'kuliatsii i analizu sebestoimosti ...kh perevozok. Moskva, Gos. transp. 1956. 287 p.
...OGRAPHY see Bibliography—Rail-
...ES
...alic brake. A. V. Shishliakov and ...transp. 38 no. 8:18-23 Ag '56.
...DING AND STRUCTURES
...ting coal towers and silo-type 4-7 ...Gorelik. Strol. prom. 34 no. 9:4-7

RAILROADS—CARS
On the efficient utilization of railroad car fleet. I. A. Bogdanov. Zhel. dor. transp. 38 no. 8:32-36 Ag '56.

RAILROADS—CARS—CONSTRUCTION
Improving local planning in the railroad car industry. N. I. Kol'tsov. Zhel. dor. transp. 38 no. 9:81-82 S '56.

RAILROADS—CARS—MAINTENANCE AND REPAIR
Advanced technology of car repair and improved cost accounting. V. I. Kalashnikov, I. M. Shamis, L. D. Solobaenko. Zhel. dor. transp. 38 no. 8:54-57 Ag '56.
Annual repair of railroad cars by combined work teams. I. M. Arshinov. Zhel. dor. transp. 38 no. 9:28-32 S '56.
Write a satisfactory textbook on organizing the care of railroad cars ("Organizing and planning the care of railroad cars." N. Z. Krivoruchko. Reviewed by S. N. L'vov). Sred. spets. obr. no. 9:59 S '56.

RAILROADS—COLD WEATHER OPERATION
Complete preparations in time for excellent winter-time work in the transport industry. Zhel. dor. transp. 38 no. 9:3-7 S '56.

RAILROADS—COMMUNICATION SYSTEMS
Shuplov, V. I., and others. [Automatic telephone communication in railroad transport] Avtomaticheskaia telefonnaia sviaz' na zheleznodorozhnom transporte. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 173 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 118)

RAILROADS—CONSTRUCTION
(see also subdivision under Karelia)
Second track. A. Gorlainov. Ogonek 34 no. 39:16 S '56.

RAILROADS—COST OF CONSTRUCTION
On lowering construction costs. B. N. Mozes. Transp. stroi. 6 no. 8:5-7 Ag '56.

RAILROADS—CURVES AND TURNOUTS
Laying shortened rails in curves. A. I. Lebedev. Trudy NIIZHT no. 7:52-75 '49.
Maintaining frog curves according to depth of curvature. A. M. L'vitsyn. Zhel. dor. transp. 38 no. 8:79-80 Ag '56.

RAILROADS—EARTHWORK
[Advanced engineering method in excavation work in connection with railroad construction] Peredovaia tekhnologiia proizvodstva zemlianykh rabot pri stroitel'stve zheleznykh dorog. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 150 p.
Evaluation of the effectiveness of electric rolling as a means of solidifying the basic area of railroad roadbeds. V. A. Komissarova. Trudy TSNIIS no. 16:111-126 '56.
On elastic deformations in railroad fills. G. G. Saatchian. Trudy TSNIIS no. 18:5-13 '56.
Reinforcing the slopes of railroad earth roadbeds by planting grass. S. S. Shain. Trudy TSNIIS no. 18:85-110 '56.

RAILROADS—EARTHWORK—COLD WEATHER CONDITIONS
Packing embankments under winter conditions. S. M. Fleishman, N. A. TSukanov. Trudy TSNIIS no. 18:14-31 '56.

RAILROADS—ELECTRIC EQUIPMENT
Device for taking off three-phase current from a contact system. L. K. Shangina. Zhel. dor. transp. 38 no. 9:82-83 S '56.

RAILROADS—ELECTRIFICATION
(see also subdivision under Czechoslovakia)
Electrification is the most important link in the technical modernization of railroad transport. Transp. stroi. 6 no. 7:1-3 Jl '56.
Improve the planning of railroad electrification. L. O. Gruber. Transp. stroi. 6 no. 7:8-10 Jl '56.
New technology in railroad electrification. A. V. Voronin. Transp. stroi. 6 no. 7:4-8 Jl '56.
Single-phase electrification of railroads. I. I. Ivanov. Zhel. dor. transp. 38 no. 8:82-86 Ag '56.
Using high-frequency technology on electrified track sections. K. G. Kuchma. Zhel. dor. transp. 38 no. 8:78 Ag '56.

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING
How we are carrying out the decisions of the 20th Congress of the Communist Party of the Soviet Union. F. IA Sivkov. Sred. spets. obr. no. 9:7-12 S '56.
Russia (1923- U.S.S.R.) Glavnoe upravlenie uchebnymi zavedeniiami. [Manual for students entering railroad transportation institutes] Spravochnik dlia postupaiushchikh v tekhnikumy zheleznodorozhnogo transporta. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 51 p.

RAILROADS—EQUIPMENT AND SUPPLIES
Potentialities in economizing on material and equipment. IA. B. Smolianskii. Zhel. dor. transp. 38 no. 9:39-45

RAILROADS—FINANCE
The role of capital in the railroad construction of Russia on the eve of the First World War. A. M. Solov'eva. Ist. zap. no. 55:173-209 '56.

RAILROADS—FREIGHT
(see also subdivision under Czechoslovakia)
Abramov, A. P., and M. D. Erlikh. [The economics of container transportation] Ekonomika kontseinernykh perevozok. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 95 p.
Compact loading of prefabricated house elements. N. N. Kulikov. Zhel. dor. transp. 38 no. 9:85 S '56.
Determining unloading norms by engineering plan. G. I Mamasakhlisov. Zhel. dor. transp. 38 no. 9:79-80 S '56.
Problem of determining the distance between freight container platforms in spacing them. V. F. Gorshkolepov, B. del Rio, V. V. Shatilov. Trudy RIIZHT no. 20:60-70 '56.
Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Rules for loading and securing the load on open freight cars; supplement no. 6 to article 8 of SMGS. In force since January 1, 1956. Tariff manual no. 11-ZH] Pravila pogruzki i kreplenia gruzov na otkrytom podvizhnom sostave; prilozhenie no. 6 k stat'e 8 SMGS. Deistvuiut s 1 ianvaria 1956 g. Tarifnoe rukovodstvo no. 11-ZH. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 146 p.

RAILROADS—FREIGHT CARS
How a collective farm can obtain cars for the transportation of loads by rail. E. Nivinskii. Kolkh. proizv. 16 no. 9:47 S '56.
Panels for chalk markings on freight cars. V. Z. Merzliakov. Zhel. dor. transp. 38 no. 8:76-77 Ag '56.

RAILROADS—GRADES
Operational and economic efficiency of railroads having very sloping ruling grades. I. I. Kantor. Trudy NIIZHT no. 20:36-59 '56.

RAILROADS—HUMP YARDS see subdivision under United States

RAILROADS—MAKING UP TRAINS
Establishing through-destination trains. B del Rio. Trudy RIIZHT no. 20:5-12 '56.
Technology of making up "built-up" trains. B. A. Kaleri. Trudy RIIZHT no. 20:27-36 '56.

RAILROADS—MANAGEMENT
Determining the length of locomotive runs in using electric and diesel traction. P. A. Lugovoi, N. V. Galkin, L. G. TSypin. Zhel. dor. transp. 38 no. 8:8-15 Ag '56.
For better operation of the railroads. Zhel. dor. transp. 38 no. 8:3-7 Ag '56.
The great significance of increasing the speed of train movements. K. N. Tverskoi. Zhel. dor. transp. 38 no. 8:49-53 Ag '56.
Methods of decreasing the idle time of railroad cars in freight stations. P. M. Sergeev. Zhel. dor. transp. 38 no. 9:54-57 S '56.
New equipment and raising labor productivity on railroads. IA. P. Kirpichenkov. Zhel. dor. transp. 38 no. 9:49-53 S '56.
On the effectiveness of increasing traffic capacity on two-track sections during periods of track work. A. I. Bogachev. Trudy RIIZHT no. 20:71-84 '56.
On the possibility of eliminating circular hauls on the road. N. K. Orlov, A. E. Cherepenko. Zhel. dor. transp. 38 no. 8:45-48 Ag '56.
Problems of planning operations in train management. B. del Rio, M. S. Nosenko. Trudy RIIZHT no. 20:13-26 '56.
Qualities and defects of a manual on transportation economics ("Technical manual for railroad engineers." Volume 11, "Planning and accounting in railroad transportation." Reviewed by T. M. Tuchkevich and others. Zhel. dor. transp. 38 no. 8:91-93 Ag '56.
Speeding up railroad car turnover. Zhel. dor. transp. 38 no. 9:77-78 S '56.
Textbook on the organization of train movements for technical school students ("Organization of train movements in railroad transportation." I. I. Zubkov, A. K. Ugriumov. Reviewed by A. A. Milokhov.) Zhel. dor. transp. 38 no. 8:94-96 Ag '56.

RAILROADS—RAILS—FASTENINGS
Grooving and rolling fishplates covering the joints on R-43 rails. A. I. Solov'ev. Metallurg no. 8:22-23 Ag '56.

RAILROADS—RATES
Ways of improving the system of freight rates. A. S. Arkhangel'skii, A. V. Kreinin. Zhel. dor. transp. 38 no. 9:33-39 S '56.

RAILROADS—REPAIR SHOPS
Specialized forge work in repair plants. B. D. Podshivalov. Zhel. dor. transp. 38 no. 8:27-31 Ag '56.

RAILROADS—SAFETY MEASURES

Pashkova, E. G. [A manual of safety techniques for the railroad line man] Pamiatka po tekhnike bezopasnosti putevomu obkhodchiku. Izd. 3-e, perer. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 23 p.

RAILROADS—SIGNALING

Gluzman, L.S., ed. [Signaling central control and block systems of foreign railroads; a collection of articles] Ustroistva STsB zarubezhnykh zheleznykh dorog; sbornik statei. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 131 p.

On the effective use and rate of construction of automatic control and telemechanical systems. G. I. Koliada. Zhel. dor. transp. 38 no. 9:72-76 S '56.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

Experience in servicing relay interlocking systems. B. F. Temerov. Zhel. dor. transp. 38 no. 8:69-74 Ag '56.

Shortcomings in the use of electric interlocking systems. V. M. Dergletskii. Zhel. dor. transp. 38 no. 9:57-61 S '56.

RAILROADS—SNOW PROTECTION AND REMOVAL
(see also subdivision under Chelyabinsk)

Forest shelterbelts on the Volga Valley railroad. G. I. Selivanov. Zhel. dor. transp. 38 no. 9:63-65 S '56.

RAILROADS—STATIONS
(see also subdivision under Great Britain)

Designing water drainage facilities for railroad station areas. P. S. Krutenkov. Transp. strol. 6 no. 8:18-19 Ag '56.

Determining the number of receiving and departure tracks for stations. I. E. Savchenko. Zhel. dor. transp. 38 no. 9:61-65 S '56.

Lengthening the receiving and departure tracks is an important element in station reconstruction. N. P. Belen'kii, N. P. Vasil'ev. Zhel. dor. transp. 38 no. 8:37-41 Ag '56.

Some measures for improving station operations during the period of track work. A. S. Pisanko. Trudy RIIZHT no. 20:85-88 '56.

RAILROADS—SURVEYING

Measuring angles in projecting railroad lines by tape and laying out curves without the use of tables. A. F. Liutts. Trudy NIIZHT no. 7:35-51 '49.

"Using aerial photography in surveying for transportation routes." Reviewed by B. K. Maliavskii, A. T. Skobelev. Transp. strol. 6 no. 8:31-32 Ag '56.

RAILROADS—TIES

First experience with mass production and laying of railroad ties. A. N. Sokolov. Zhel. dor. transp. 38 no. 8:58-63 Ag '56.

Making metal stripe for bracing the ends of ties. A. A. Strochkov, M. D. Troitskii. Zhel. dor. transp. 38 no. 8:80-81 Ag '56.

Prolonging the life of railroad ties. G. N. Savintsev. Zhel. dor. transp. 38 no. 8:66-69 Ag '56.

RAILROADS—TIES, CONCRETE

Introducing the use of reinforced concrete ties. Zhel. dor. transp. 38 no. 9:78 S '56.

RAILROADS—TIME-TABLES

Russia (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Official passenger railroad schedules; summer of 1956] Ofitsial'nyi ukazatel' passazhirskikh soobshchenii; leto 1956 goda. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 699 p.

Vsesoiuznoe aktsionernoe obshchestvo po inostrannomu turizmu v SSSR "Inturist." [Brief timetable for domestic and foreign passenger travel in the U.S.S.R. during 1956] Kratkii ukazatel' vnutrennikh i mezhdunarodnykh passazhirskikh soobshchenii SSSR, 1956 g. Moskva [n.d.] 91 p.

[MICROFILM]

RAILROADS—TRACK
(see also subdivision under Poland)

High speed train movement and the calculation of tracks for strength. V. I. Angoleiko. Zhel. dor. transp. 38 no. 9:66-68 S '56.

Model gauge for deciphering railroad car track measuring tapes. G. S. Pokrovskii. Zhel. dor. transp. 38 no. 8:81 Ag '56.

Shortcominga in designing crushed-rock road beds. L. K. Gromov. Zhel. dor. transp. 38 no. 8:63-66 Ag '56.

RAILROADS—TRAINS—RADIO EQUIPMENT

Dvorkovskii, B. B. [Radio units on trains] Poezdnye radiopunkty. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 106 p.

RAILROADS, INDUSTRIAL

Train for preliminary and auxiliary operations on log-hauling railroads. Kh. Kh. Stundlukov, V. P. Trusov. Les. prom. 34 no. 9:8-11 S '56.

RAILROADS, MINE see Mine railroads

RAILROADS, NARROW-GAUGE

Norms for designing the profile and plan of narrow-gauge railroads. L. A. Zhabotinskaia. Transp. strol. 6 no. 8:24 Ag '56.

RAKITNY, MIKOLA

Conflicts of life ("Evening stars"; stories. Mikola Rakitny. Reviewed by S. Aleksandrovich). Polymia 34 no. 8:153-155 Ag '56.

RANGE FINDING

DD-2 differential range finder. I. A. Greim, G. G. Nikiforov, B. N. Korneev. Geod. i kart. no. 4:24-31 Je '56.

RAPE (PLANT) see subdivision under Tajikistan

RARE EARTHS see Earths, Rare

RARE GASES see Gases, Rare

RASKOLNIKS

Social status of the first Russian Raskolniks. L. E. Ankudinova. Vest. Len. un. 11 no. 14:54-68 '56.

RASPBERRIES

Effect of fertilizing on the growth and fruiting of raspberries. L. T. Pekhoto. Sad i og. no. 9:50-58 S '56.

RATS—EXTERMINATION

Controlling rats in swine houses. K. A. Ostapenko. Svinovodstvo no. 5:37-39 Je '56.

RATS AS CARRIERS OF DISEASE

Carriage of Leptospira of the Moniakov type (DV-B) by gray rats in Estonia. N. I. Slavnin, G. M. Medinskii. Zhur. mikrobiol. epid. i immun. 27 no. 9:57-60 S '56.

RAW MATERIALS

Improving the quality of raw materials is an important factor in augmenting alcohol production. I. M. Grinshtein. Gidroliz. i lesokhim. prom. 9 no. 6:6-7 '56.

Production of polyatomic alcohols from nonedible vegetable raw materials. S. V. Chepige, N. A. Vasiunina. Gidroliz. i lesokhim. prom. 9 no. 6:3-6 '56.

RAYCHIKHINSK—LIGNITE

Producing iron-coke briquets made of Far-Eastern ores and coals. L. A. Lur'e, B. M. Ravich. Metallurg no. 8:4-6 Ag '56.

RAYON see subdivision under Kiev

RAYON—TESTING

Cohesion in staple fibers. A. I. Meos and others. Tekst. prom. 16 no. 9:14-15 Ag '56.

RAYS, INFRARED see Infrared rays

RAYS, ULTRAVIOLET see Ultraviolet rays

RAZDORSKII, VLADIMIR FEDOROVICH, 1883-1955

In memory of Vladimir Fedorovich Razdorskii (1883-1955). I. S. Vinogradov. Bot. zhur. 41 no. 6:915-924 Je '56.

REACTION-TIME

Time of a primary motor reaction and its components in athletes. M. F. Ponomarev. Teor. i prak. fiz.-kul't. 19 no. 8:607-613 '56.

READING

Russia (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Programs for schools and other institutions; reading contests for school children. A methodological letter] Programmy vneshkol'nykh uchrezhdenii i shkol; smotry khudozhestvennogo chteniia shkol'nikov, metodicheskoe pis'mo. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 30 p.

REALISM IN LITERATURE

Pisarev, D. I. [Realists] Realisty. Moskva, Goslitizdat, 1956. 189 p.
(CLU)

REALITY

The aesthetic elements of reality. L. N. Stolovich. Vop. filos. no. 4:73-82 '56.

REAMERS

Adjustable reamers with hard alloy tips. N. M. Fedorov. Stan. i instr. 27 no. 7:31-33 Jl '56.

REARRANGEMENTS (CHEMISTRY)

Mechanism of the Arbuzov rearrangement. Part 3. Interaction of the nitrile and methyl ester of $\alpha$, $\beta$-dibromo- and $\alpha$, $\beta$-dichloropropionic acid with phosphites. V. S. Abramov, N. A. Il'ina. Zhur. ob. khim. 26 no. 7:2014-2019 Jl '56.

Molecular rearrangements and intramolecular oxidation-reduction. Isomerization of aldehydes and ketones. S. N. Danilov. Reakts. org. soed. 4:159-319 '56.

RECLAIMED RUBBER see Rubber, Reclaimed

RECLAMATION OF LAND
(see also subdivision under Akmolinsk Province; Bet-Pak-Dala; Kazakhstan; Khakass Autonomous Province; Kustanay Province; Kuybyshev District (Tajikistan); Polesye; Tara District; Ukraine)

The duty of scientists. P. Lobanov. Ogonek 34 no. 39: 16 S '56.

The power of the virgin lands. V. V. Matskevich. Ogonek 34 no. 39:2-3 S '56.

RECLAMATION OF LAND—BIBLIOGRAPHY see Bibliography—Reclamation of land

RECLAMATION OF OIL see Oil reclamation

RECOGNITION (INTERNATIONAL LAW)

Recognition of the Soviet state in international law. R. L. Bobrov. Uch. zap. Len. un. no. 196:51-104 '48.

RECONSTRUCTION see subdivision under Korea, North

RECORDING INSTRUMENTS

Method of graphic registration of the secretion of gastrointestinal glands and of urination. B. E. Esipenko. Fiziol. zhur. 42 no. 7:607-609 Jl '56.

RECTUM—SURGERY

Late results of rectocolopexy according to the author's method. A. I. Ermolenko. Khirurgiia 32 no. 6:38-40 Je '56.

Primum - non nocere. A. M. Aminev. Sov. med. 20 no. 7:57-60 Jl '56.

RED CROSS
(see also subdivision under Geneva; Great Britain; Tallinn)

Interesting pamphlet ("Great force." N. A. Shibaev. Reviewed by L. Kanevskii). Sov. kras. krest 6 no. 4:31 Jl-Ag '56.

The practice of progressive workers should be made known to all district committees. Sov. kras. kreat 6 no. 4:4-6 Jl-Ag '56.

Return visit of friendship. Sov. kras. krest 6 no. 4:25 Jl-Ag '56.

"We got to know each other better." Sov. kras. kreat 6 no. 4:26-29 Jl-Ag '56.

RED SPIDER
(see also subdivision under Armenia; Erivan; Kazakhstan)

Chaetological characteristics of the postembryonal development of spider mites. A. T. Bagdasarian. Dokl. AN Arm. SSR 15 no. 2:47-56 '52.

REDSTARTS see subdivision under Ukraine

REDUCING (BODY-WEIGHT CONTROL) see Corpulence

REDUCING AGENTS

Analysis and calculation of the consumption of sugar containing materials for the reduction of chrome liquor. F. B. Blanshei. Leg. prom. 16 no. 7:33-34 Jl '56.

REDUCTION, CHEMICAL

Reduction of cerium trichloride by hydrogen. S. A. Shchukarev, G. I. Novikov. Zhur. neorg. khim. 1 no. 3:362-365 Mr '56.

Reduction of niobium and tantalum pentoxides with hydrogen. A. V. Lapitskii, IU. P. Simanov, E. P. Artamonova. Zhur. neorg. khim. 1 no. 4:841-849 Ap '56.

Role of hydrogen sulfide in the appearance of a reduction potential in experiments. D. V. Lipsits. Vop. med. khim. 2 no. 3:182-187 My-Je '56.

REED (BOTANY) see subdivision under Guryev Province

REFLECTION (OPTICS)

Multiple diffusion of light in the presence of fluorescence. Report no. 1. A. K. Tovmasian. Dokl. AN Arm. SSR 9 no. 4:145-150 '48.

Multiple diffusion of light in the presence of fluorescence. Report no. 2. A. K. Tovmasian. Dokl. AN Arm. SSR 11 no. 1:9-16 '49.

REFLECTIONS

Determining the earth's albedo. V. M. Kazachevskii. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:56-64 '55.

REFLECTOMETER

Photoelectric reflectometer. V. M. Domidov. Svetotekhnika 2 no. 4:27 Jl '56.

REFLEXES

Characteristics of the higher nervous activity of Russian trotters. I. Sorokina. Konevodstvo 26 no. 7:18-20 Jl '56.

Effect of a permanent magnetic field on the phenomenon of Sechenov's inhibition. E. V. Selivanova, G. M. Erdman. Biofizika 1 no. 5:412-416 '56.

Effect of dibazole on conditional reflexes in dogs. I. A. Medianik, A. K. Starostiuk. Nauk. zap. L'viv. un. 26:18-36 '54.

Effect of ephedrine on conditional reflexes in dogs. I. A. Medianik, A. K. Starostiuk. Nauk. zap. L'viv. un. 26:40-57 '54.

Interoceptive reactions from lymph nodes under the effect of ionizing radiation on the organism. IU. M. Zaretskaia. Med. rad. 1 no. 3:20-29 My-Je '56.

Investigation of unconditioned reflexes and its clinical importance. N. P. Tatarenko. Fiziol. zhur. [Ukr.] 2 no. 4:76-81 Jl-Ag '56.

Mechanism and location of Sechenov's inhibition of spinal reflexes. E. V. Sokolova. Vest. Len. un. 11 no. 15:117-125 '56.

REFLEXES (Continued)

New scientific work ("Mechanisms of the effects of afferent stimulations." M. G. Durmish'ian. Reviewed by L. S. Gambarian, G. E. Grigorian). Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 8:101-103 Ag '56.

Time factor in interoceptor reactions. O. G. Lorents. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:109-115 '55.

Variation in interoceptive salt reflexes accompanying additional salt supply to the organism. I. P. Nikitina. Dokl. AN SSSR 109 no. 3:661-664 Jl '56.

REFORESTATION

Effect of soil conditions on the reproduction of pine-sphagnum forests in cut-over areas. L. A. Verkholantseva. Trudy Komi fil. AN SSSR no. 3:59-69 '55.

Pine plantations on sandy soils in Syktyvdinskiy District of the Komi A. S. S. R. V. N. Starkova. Trudy Komi fil. AN SSSR no. 3:70-82 '55.

Role of natural reproduction in areas of concentrated cutting. N. A. Lazarev. Trudy Komi fil. AN SSSR no. 3:48-58 '55.

REFRACTION, TERRESTRIAL

Principles of the theory of the fixed field of lateral refraction. N. A. Urmaev. Geod. i kart. no. 2:8-13 Ap '56.

REFRACTIVE INDEX

Physicochemical study of molecular compounds in solutions based on their refractive indexes. N. F. Ermolenko, Kh. IA. Levitman. Zhur. neorg. khim. 1 no. 6:1162-1172 Je '56.

REFRACTOMETRY

Refractographic study of diffusion and its use in the study of diffusive solution of $CuSO_4$. S. V. Gorbachev, E. I. Grabova. Zhur. fiz. khim. 30 no. 6:1228-1237 Je '56.

Refractometric method for determining the percentage of crushed cells in meats. G. I. Baglai. Masl.-zhir. prom. 22 no. 6:7-9 '56.

REFRACTORY MATERIALS
(see also subdivision under China; United States; Yugoslavia)

Feasibility of using magnesite neckless steel-pouring nozzles. K. V. Belobrov. Ogneupory 21 no. 5:227-228 '56.

Gol'din, IA. A., and M. E. Fidel'man. [Technical standardization in the production of refractory materials] Tekhnicheskoe normirovanie v ogneupornom proizvodstve. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 122 p.

Manufacture and industrial testing of "bakor." Stek. i ker. 13 no. 9:9-14 S '56.

Refractory materials in modern practices of the United States copper smelting industry. (From foreign journals) Ogneupory 21 no. 5:238-239 '56.

Using alumina hydrate for the production of highly aluminous refractories. V. A. Rybnikov. Ogneupory 21 no. 5:233-234 '56.

REFRACTORY MATERIALS—BIBLIOGRAPHY see Bibliography—Refractory materials

REFRACTORY MATERIALS—TESTING

Correlation between the elasticity modulus determined by the sound method and certain other properties of refractory materials. Z. I. Veselova, P. V. Nevredimova. Ogneupory 21 no. 5:221-226 '56.

REFRIGERANTS

Thermodynamic properties of freon-142. B. Ve inberg. Khol. tekh. 33 no. 3:55-61 Jl-S '56.

REFRIGERATION AND REFRIGERATING MACHINERY

Cream refrigerator. S. Medvedev. Moloch. prom. 17 no. 6:38 '56.

More widespread automatization of refrigerating plants. Khol. tekh. 33 no. 3:1-4 Jl-S '56.

New refrigerating machines. V. Martynovskii, V. Alekseev. Khol. tekh. 33 no. 3:39-43 Jl-S '56.

Refrigerating machinery for self-service stores. G. Volosov. Nov. torg. tekh. no. 3:8-10 '56.

Refrigeration of milk and cream by water during the accumulation of ice. S. G. Arf. Moloch. prom. 17 no. 6:25-27 '56.

Rotary compressors for refrigeration plants. V. L. Pokrovskii. Ryb. khoz. 32 no. 6:75-78 Ag '56.

Scientific and technical conference of the All-Union Refrigeration Research Institute. Khol. tekh. 33 no. 3:71 Jl-S '56.

Thermoelectric cooling in the refrigerating industry. A. Ioffe and others. Khol. tekh. 33 no. 3:5-16 Jl-S '56.

Type of pipes in refrigerating equipment. Mias. ind. SSSR 27 no. 4:58-59 '56.

Use of cold in the preservation of foodstuffs ("Refrigerating machines and their installation in agriculture." A. Z. Mel'tser, V. F. Chalkova'kyi. Reviewed by V. M. Udalov). Sots. tvar. 28 no. 10:64 O '56.

We are increasing the capacity of freezers. B. Gutin. Mias. ind. SSSR 27 no. 4:54-55 '56.

REFRIGERATION AND REFRIGERATING MACHINERY—REPAIRING

Repair of the TRB-2 temperature control valve. V. Kantorovich, B. IAvnel'. Khol. tekh. 33 no. 3:67-70 Jl-S '56.

REFUELING OF AIRPLANES see Airplanes—Refueling

REFUGEES see subdivision under Germany, West

REFUGEES, ARAB see subdivision under Egypt

REFUGEES, RUSSIAN

[Organized efforts against the emigrants] Organizovannoe pokushenie na emigrantsiiu. Miunkhen, [Soiuz bor'by za osvobozhdenie narodov Rossii]. 1956. 16 p.

REGENERATION (BIOLOGY)

Effect of substances of the tricarbon cycle on oxidation in regenerating tissues. L. I. Palladina, A. M. Hudina. Ukr. biokhim. zhur. 28 no. 3:329-337 '56.

Effect of vitamins $B_{12}$ on the regeneration of the peripheral nerves in rats. A. A. Znachkova. Dokl. AN SSSR 109 no. 4:789-881 Ag '56.

REGIONAL PLANNING

Regional planning and its significance for the national economy. V. Akhutin. Arkhit. SSSR no. 7:3-6 '56.

REHABILITATION OF WAR DISABLED see Disabled—Rehabilitation, etc.

REINDEER—DISEASES

Etiology of "fall" necrobacillosis in reindeer. V. G. Popov. Veterinariia 33 no. 9:40-41 S '56.

REINFORCED CONCRETE
(see also subdivision under Georgia)

Conference on the theory applied to the calculation and design of reinforced concrete structures. IA. D. Lyvshits. Prykl. mekh. 2 no. 3:351-352 '56.

Fittings for reinforced concrete. L. Hubanov. Arkhit. i bud. 4 no. 2:19-21 Mr-Ap '56.

Industrial production of concrete reinforcements. I. S. Kitashev. Mekh. stroi. 13 no. 8:7-15 Ag '56.

Moscow. Gosudarstvennyi institut po vnedreniiu peredovykh metodov rabot i truda v stroitel'stve. [Reinforced concrete worker's handbook; spot welding of reinforcement for concrete] Pamiatka armaturshchiku; tochechnaia svarka armatury zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 95 p. (V pomoshch' molodym stroiteliam)

Placing of concrete. G. S. Luk'ianov. Biul. stroi. tekh. 13 no. 8:27 Ag '56.

Progressive method of welding reinforcements during erection. V. IA. Dul'kin. Mekh. stroi. 13 no. 8:16-20 Ag '56.

Screened crushed-stone concrete for reinforced concrete products plants. V. I. Soroker, A. I. Dain, V. G. Dovzhik. Bet. i zhel.-bet. no. 9:320-323 S '56.

Some problems of heat supply in enterprises manufacturing reinforced concrete products. P. M. Rozenfel'd. Stroi. prom. 34 no. 8:20-22 Ag '56.

Spun reinforced-concrete towers for transmission lines. M. M. Berestetskii, G. N. Sakovnin. Elek. sta. 27 no. 8:45-47 Ag '56.

Training in industrial building methods. V. Egorov. Prof.-tekh. obr. 13 no. 7:31 Jl '56.

Using autoclave treatment in making precast concrete and reinforced concrete products. A. V. Volzhenskii, IU. S. Burov. Bet. i zhel.-bet. no. 8:277-280 Ag '56.

Using the strength of concrete in bent reinforced concrete elements [in Georgian with summary in Russian]. N. V. Akhvlediani. Trudy Inst. stroi. dela AN Gruz. SSR 4:251-255 '53.

REINFORCED CONCRETE—FORMWORK

Electromagnetic method of attaching the forms for reinforced concrete products to vibration machines. N. A. Komissarchik. Stroi. i dor. mashinostr. no. 7:21-23 Jl '56.

REINFORCED CONCRETE—TABLES, CALCULATIONS, ETC.

Calculation tables for collars in bent reinforced concrete construction elements (according to Scientific Research Engineering Instructions 123-55). Bet. i zhel.-bet. no. 9:338-344 S '56.

REINFORCED CONCRETE—TESTING

Using wire resistance gauges for measuring stresses in the reinforcements of concrete elements. L. I. Iosilevskii. Trudy MIIT no. 35/36:174-197 '56.

REINFORCED CONCRETE CONSTRUCTION
(see also subdivision under Moscow)

Five-year plan of reinforced concrete construction. D. L'vov. Prof.-tekh. obr. 13 no. 9:10-12 S '56.

An important aspect of the economics of building. A. Ferberg. Fin. SSSR 17 no. 9:18-26 S '56.

Problem of developing structural designs for multistory reinforced concrete buildings [in Georgian with summary in Russian]. V. D. Topuridze. Trudy Inst. stroi. dela AN Gruz. SSR 4:165-171 '53.

Reinforced concrete doors for dry kilns. K. IU. Dabanek. Der. prom. 5 no. 9:22-23 S '56.

Using reinforced concrete blocks for the construction of blooming mill soaking pits. V. V. Shalaev. Metallurg no. 8:28-29 Ag '56.

REINFORCED CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

Warming reinforced concrete construction with electric heaters during winter concreting. M. K. Minkov. Stroi. pred. neft. prom. 1 no. 7:17-19 S '56.

RELATIVITY (PHYSICS)

Experimental verification of the general theory of relativity and the artificial earth satellites. V. L. Ginzburg. Priroda 45 no. 9:30-39 S '56.

RELAYS, ELECTRIC see Electric relays

RELIEF MAPS

Some disadvantages of representing erosion relief on maps with a scale of 1:10,000. V. M. Lozinova. Geod. i kart. no. 4:54-57 Je '56.

Survey of methods for producing relief maps. G. N. Petrov. Geod. i kart. no. 3:40-47 My '56.

RELIGION

Constant attention to scientific and atheistic propaganda. Komm. Bel. 26 no. 8:9-15 Ag '54.

Prokof'ev, V. I. [The origin of religion and belief in God; printed by the jury of the contest for the best popular atheistic and natural science work, conducted by the all-Union Society] Vozniknovenie religii i very v Boga; pechataetsia po resheniiu zhiuri konkursa na luchshuiu populiarnuiu nauchno-ateisticheskuiu i estestvennonauchnuiu broshiuru, provedennogo Vsesoiuznym obshchestvom. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 28)

RELIGION AND SCIENCE

The Catholic Church "supports" science. M. I. Zaitseva. Vop. filos. no. 4:226-228 '56.

RELIGIOUS LIBERTY

A young Christian tells us about his ideas. D. Stone. Mol. mira no. 8:7 '56.

REMARQUE, ERICH MARIA, 1898-

Brief notes on authors. Inostr. lit. no. 8:288 Ag '56.

REMODELING OF BUILDINGS see Building—Repair and reconstruction

REMOTE CONTROL

Remote control of gas sampling along the radius of the shaft top. L. IA. Shparber. Metallurg no. 9:35-36 S '56.

RENIN

The proteolytic action of renin preparations [with English summary in insert]. IA. A. Sorebrovskaia. Biokhimiia 21 no. 4:461-464 Jl-Ag '56.

RENT

Kozodoev, I. I. [Land rent under capitalism] Zemel'naia renta pri kapitalizme. Moskva, Gos. izd-vo polit. lit-ry, 1956. 142 p.

Machine accounting of payments from tenants. F. Shipchenko, S. Kanterman. Bukhg. uchet 15 no. 8:42-45 Ag '56.

REPATRIATION
(see also subdivision under Ukraine; White Russia)

Our motherland calls us. Sov. Soiuz no. 10:18-19 O '56.

[Repatriation from Argentina; based on material furnished by the Argentina section of the Union for Struggle for the Liberation of the Peoples of Russia (SBONR)] Argentinskaia repatriatsiia; po materialam Argentinskogo Otdela SBONRa. Miunkhen, 1956. 27 p.

REPORTERS AND REPORTING

For interesting and vivid reporting. V. Kitain, A. Starodub. Sov. pech. no. 9:22-24 S '56.

REPRESENTATIVE GOVERNMENT AND REPRESENTATION

Shugaev, A. S. [The significance of the democratization of the electoral system for gaining a working class majority in Parliament] Znachenie demokratizatsii izbiratel'noi sistemy dlia zavoevaniia rabochim klassom bol'shinstva v parlamente, Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 38)

REPRODUCTION

Studying the absorption of oxygen by ovicells and zygotes in rabbits. M. V. Sytina. Dokl. Akad. sel'khoz. 21 no. 9:11-13 '56.

REPTILES
(see also subdivision under Kara-Su Valley)

Changes in the intramural nervous system of the esophagus in amphibians and reptiles during hibernation. V. P. Babmindra. Vest. Len. un. 11 no. 15:91-95 '56.

Gerd, S. V. [Terrariums in the schools; our amphibians and reptiles] Terrarium v shkole; nashi zemnovodnye i presmykaiushchiesia. Posobie dlia uchitelei srednei shkoly. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 134 p.

RESCUE WORK see subdivision under Atlantic Ocean

RESEARCH
Motion pictures as a tool of scientific research. I. K. Smirnov. Vest. AN Kazakh. SSR 12 no. 9:60-64 S '56.

RESEARCH, INDUSTRIAL
The factory laboratory and technological progress. I. Liubarskii. Druzh. nar. no. 9:121-127 S '56.
In the Ukrainian scientific research institute. M. D. Daniletskii. Poligr. proizv. no. 4:12-13 Jl-Ag '56.

RESERVOIRS
"Construction of reservoirs and the problem of malaria." IA. A. Mogilevskii. Gig. i san. 21 no. 9:57-59 S '56.
Controlling aqueous vegetation hampering the normal use of reservoirs. B. A. Shimanskii. Elek. sta. 27 no. 7:18-21 Jl '56.

RESHETNIAK, P.
Outstanding truck driver P. Reshetniak. M. Amchislavskii. Avt. transp. 34 no. 7:36 Jl '56.

RESHETNIKOV, FEDOR MIKHAILOVICH, 1841-1871
F. M. Reshetnikov; on the 115th anniversary of his birth. I. Asmalouski. Belarus' 13 no. 9:30 S '56.

RESINS see Gums and resins

RESISTANCE, ELECTRIC see Electric resistance

RESISTANCE OF SHIPS see Ship resistance

RESONATORS
Formula for calculating the frequency of toroidal-cavity resonators. V. A. Teplikov, B. K. Shembel'. Radiotekh. i electron. 1 no. 4:443-446 Ap '56.

RESPIRATION
Effect of papaverine on tissue respiration. A. A. Pykhtina. Farm. i toks. 19 no. 4:27-30 Jl-Ag '56.
Effect of substances of the tricarbon cycle on oxidation in regenerating tissues. L. I. Palladina, A. M. Hudina. Ukr. biokhim. zhur. 28 no. 3:320-337 '56.
Method of recording the volume of inspired air. N. F. Sopikov. Fiziol. zhur. 42 no. 7:604-606 Jl '56.
Regulation of respiration and blood circulation in somnolent states. A. V. Eremin, I. N. Chernikov. Fiziol. zhur. 42 no. 7:541-545 Jl '56.

RESPIRATION, ARTIFICIAL
There should be no more victims from drowning. G. Dormidontov. Sov. kras. krest 6 no. 4:22-23 Jl-Ag '56.

RESPIRATION OF PLANTS see Plants—Respiration

RESPIRATORY ORGANS
Cytological diagnosis of malignant neoplasm in respiratory organs. T. V. Khitrovo-Gorova. Lab. delo 2 no. 1:9-12 Ja-F '56.

RESPIRATORY ORGANS—BACTERIOLOGY
Problem of the vection of Staphylococcus and of Streptococcus hemolyticus in the nasopharynx in normal subjects and in patients with anginas and catarrhs of the upper respiratory tract. A. S. Labinskaia. Zhur. mikrobiol., epid. i immun. 27 no. 8:21-25 Ag '56.

RESPIRATORY ORGANS—DISEASES
Garlic preparations in the prophylaxis and treatment of influenza and acute catarrhs of the upper respiratory tract. V. M. Korotkov. Fel'd. i akush. 21 no. 9:5-7 S '56.
New aspects in the etiology of influenza and of other respiratory infections. V. D. Solov'ev. Zhur. mikrobiol., epid. i immun. 27 no. 8:3-8 Ag '56.

REST
Active rest. I. Sarkisov-Serazini. Sov. kras. krest 6 no. 4:16-17 Jl-Ag '56.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Dnepropetrovsk; Moscow)
Commercial automats for lunchrooms. O. Volkov, G. Rastiger. Nov. torg. tekh. no. 3:1-5 '56.
Food cooked for the home. N. Georgievskii, A. Shemiakinskii. Sov. torg. no. 7:18-21 Jl '56.
Improve planning and building of restaurants. V. Semenov, A. Dozorov. Sov. torg. no. 8:11-13 Ag '56.
Kraev, E. E., and V. A. Veber. [Specialized restaurants selling milk products, pancakes, pies and puffs] Molochnaia, blinnaia, pirozhkovaia, pyshechnaia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 21 p.
A manual that needs to be improved ("Organization of public eating establishments." V. D. Korostyshevskii and others. Reviewed by V. Semenov). Sov. torg. no. 7:36-39 Jl '56.
Self-service in enterprises abroad. R. Nechaeva. Nov. torg. tekh. no. 3:34-41 '56.

RESTAURANTS, LUNCHROOMS, ETC.—HYGIENIC ASPECTS
Moreinis, I. IA. [Hygiene in public eating establishments] Gigiena v predpriiatiiakh obshchestvennogo pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 339 p.

RESTORATION OF BOOKS see Books—Conservation and restoration

RESTORATION OF PHOTOGRAPHS see Photographs—Conservation and restoration

RETAIL TRADE
(see also subdivision under Kuybyshev Province)
Guarantee fulfillment of the retail trade plan. S. Titov. Sov. torg. no. 8:1-6 Ag '56.
Naumov, P.S. [Store selling the latest goods] Magazin novinok. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 33 p.
[Trade abroad; technical and economic information (abstracts and translations).] Torgovlia za rubezhom; tekhniko-ekonomicheskaia informatsiia no. 10 '56.
Turnover of merchandise in the sixth five-year plan. V. Tiukov. Sov. torg. no. 7:1-9 Jl '56.

RETAINING WALLS
Determining the filling pressure on steep bulkheads. Z. N. Buts'ko. Inzh. sbor. 23:132-137 '56.
New-type retaining wall [in Georgian with summary in Russian]. D. I. Kadzhaia. Trudy Inst. stroi. dela AN Gruz. SSR 3:25-42 '51.
Simplified formula for calculating massive retaining walls. G. M. Mukhadze. Trudy Inst. stroi. dela AN Gruz. SSR 3:11-24 '51.

RETICULO-ENDOTHELIAL SYSTEM
Foundation of the independent role of the reticulo-endothelial system in the organism. M. M. Antichkov. Fiziol. zhur. [Ukr.] 2 no. 3:14-22 My-Je '56.

RETICULO-ENDOTHELIAL SYSTEM—DISEASES
Chronic reticuloendotheliosis. N. D. Mikhailova. Klin. med. 34 no. 7:64-67 Jl '56.

RETINA
Experimental investigation of the conditions determining the development of the pigment layer and the retina in mammals. O. G. Streeva. Dokl. AN SSSR 109 no. 3: 657-660 Jl '56.
Light sensitivity of the visual analyser under conditions of cortical inhibition. G. G. Demirchoglian, M. A. Allakhverdian. Dokl. AN SSSR 109 no. 1:225-228 Jl-Ag '56.
Some results and prospects in electroretinographic research. B. N. Melik-Mus'ian, G. G. Demirchoglian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki. 9 no. 8:3-12 Ag '56.

RETIREMENT
Flowers of friendship. I. Minaev. Sots. obesp. 17 no. 5/6:59-61 My-Je '56.
Royal send-offs. N. Kareseva. Sots. obesp. 17 no. 5/6: 16-17 My-Je '56.

RETIREMENT PENSIONS see Old age pensions

RETTING
New developments in the warm water retting of fiber plants. K. M. Mironov. Len. i konop. no. 3:46-48 My '56.
Retting hemp bast using a bacterial starter. L. P. Krutikova, B. V. Lesik. Dokl. Akad. sel'khoz. 21 no. 7:30-35 '56.
Types of retting plants. S. I. Derbenev. Tekst. prom. 16 no. 8:7-8 Ag '56.
Use of chemical accelerants in retting hemp. B. V. Lesik. Len. i konop. no. 4:45-47 Je '56.

REVOLUTIONS
(see also subdivision 'Revolution of 1905' under Azerbaijan; Chernigov Province; Chuvashia; Daghestan; Kiev; Kiev Province; Minsk; Russia; Siberia, Eastern; Ukraine; 'Revolution, 1917-1921' under Irkutsk; Kronstadt; Russia; Tatar A.S.S.R.; Tula Province; Turkestan; Ukraine; Vitebsk Province; 'Revolution, 1918-1919' under Hungary)
V. I. Lenin on democratic and social revolutions as two stages of a single revolutionary process. A. D. Koptseva. Uch. zap. Akad. obshchestv. nauk no. 21:92-121 '56.

REWARDS (PRIZES, ETC.)
Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. "On establishing the honorary titles of Honored Master of Vocational-Technical Education of the R.S.F.S.R., and Honored Teacher of Vocational-Technical Education of the R.S.F.S.R." Prof.-tekh. obr. 13 no. 7:1 Jl '56.
In the Ministry of Agriculture of the U.S.S.R. Gidr. i mel. 8 no. 10:61-63 O '56.

RHENATES
Effect of liquid amalgams on perrhenates. A. I. Lazarev. Zhur. neorg. khim. 1 no. 3:385-391 Mr '56.

RHEUMATIC FEVER
Activity of hyaluronidase (spreading factor) in blood serum in rheumatism. E. P. Stepanian, O. E. Perchikova. Terap. arkh. 28 no. 5:5-8 '56.
Condition of mucopolysaccharides (hyaluronic acid) in rheumatism. E. I. Chazov. Terap. arkh. 28 no. 5:8-14 '56.
Effectiveness of tonsillectomy in chronic tonsillitis and rheumatism in children. N. P. Konstantinova. Sov. med. 20 no. 8:45-50 Ag '56.
Plenum of the All-Union Committee for the Control of Rheumatic Fever and Diseases of the Joints and the scientific conference on the control of rheumatic fever. Z. E. Bykhovskii. Sov. med. 20 no. 7:85-91 Jl '56.
Present-day concepts of acute rheumatism. S. Leff. Klin. med. 34 no. 5:27-35 My '56.

RHEUMATIC FEVER—PREVENTION
Application of antirheumatic drugs in prevention of exacerbations of rheumatism. M. A. Lasinovskii and others. Klin. med. 34 no. 6:31-40 Je '56.

RHEUMATIC HEART DISEASE
Cardiohemodynamographic observations in valvular lesions of the heart. N. V. IAnkevskii. Terap. arkh. 28 no. 5:29-37 '56.
Significance of electrocardiography in the differential diagnosis of rheumatic and atherosclerotic lesions of the heart in cardiac fibrillation. E. A. Ozol. Terap. arkh. 28 no. 5:37-42 '56.
Utilization of modifications of plasma proteins in a differential diagnosis of rheumatism and subacute septic endocarditis. A. A. Nizov. Terap. arkh. 28 no. 5: 23-29 '56.

RHINOCEROS, FOSSIL see subdivision under Siberia

RHIZOSPHERE MICROBIOLOGY
Activeness of urease in the rhizosphere of agricultural plants. P. A. Vlasiuk, K. M. Dobrotvorskaia, S. A. Gordienko. Dokl. Akad. sel'khoz. 21 no. 8:28-31 '56.
Effect of organomineral fertilizers on soil microbiology. P. A. Vlasiuk, K. M. Dobrotvorskaia, R. N. Oleinik. Mikrobiologiia 25 no. 3:293-298 My-Je '56.
Fungi on spring wheat roots. M. I. Homolinko. Mikrobiol. zhur. 18 no. 3:12-24 '56.
Growth of rhizosphere micro-organisms in direct contact with granules of superphosphate. K. P. Tutnikova. Mikrobiologiia 25 no. 3:299-304 My-Je '56.
Increasing the effect of fertilizers when applying certain rhizosphere bacteries. G. S. Nalivaiko, I. N. Romelko. Dokl. Akad. sel'khoz. 21 no. 9:43-47 '56.
Role of rhizosphere micro-organisms in transmitting phosphorus to wheat germs. V. T. Smalii. Mikrobiol. zhur. 18 no. 3:6-11 '56.

RHODESIA, SOUTHERN—WAGES
What "equal pay for equal work" means in Southern Rhodesia. Vsem. prof. dvizh. no. 7:40 Jl '56.

RHODOPE MOUNTAINS—IRON MINES AND MINING
"Treasures of Erin-Baba." Vokrug sveta no. 8:24 Ag '56.

RICKETS
Interaction of rickets and pneumonia in young children. A. I. Perevoshchikova, K. V. Korotkova, L. S. Miakisheva. Sov. med. 20 no. 8:30-34 Ag '56.

RICKETTSIA see subdivision under Alma-Ata Province

RICKETTSIAL DISEASES
Clinical characteristics of Siberian tick-bite typhus of northern Asia. R. IA. Kireeva. Zhur. mikrobiol. epid. i immun. 27 no. 9:73-77 S '56.

RIDDLES
In leisure hours. Sem'ia i shkola 11 no. 10:36 O '56.

RIFLES
Durability of guns ("Durability of sporting guns." V. E. Markevich. Reviewed by V. Kholostov). Okh. i okh. khoz. no. 9:55 S '56.

RIFLES—EXHIBITIONS
Guns at the exhibition. Okh. i okh. khoz. no. 9:42 S '56.

RIGA—PLANTS, PROTECTION OF—CONGRESSES
Conference on plant protection in Riga. B. V. Dobrovol'skii. Zool. zhur. 35 no. 8:1278-1279 Ag '56.

RIGHT- AND LEFT-HANDEDNESS see Left- and right-handedness

RIMSKII-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1908
Encounter in Nice. B. TSaisko. Ogonek 34 36:26 S '56.
Shumskaia, N. A. [N. A. Rimskii-Korsakov's Sadko] Sadko N. A. Rimskogo-Korsakova. Moskva, Gos. muzykal'noe izd-vo, 1956. 77 p. (Putevoditeli po russkoi muzyke)

RINGWORM
(see also subdivision under Lomonosov)
Cultural peculiarities of the red Epidermophyton fungus (Rubrophyton). I. I. Umnova. Lab. delo 2 no. 3:18-20 My-Je '56.
From practice in controlling ringworm. Sots. tvar. 26 no. 9:61-62 S '56.

RIVANOL
Determination of nitrogen peroxide in the air by means of 2-ethoxy-6, 9-diaminoacridinelactate; quick method. V. P. Fedotov. Gig. i san. 21 no. 9:85-86 S '56.

RIVERS
(see also subdivision under Tajikistan)
Aerial photographic study of the meandering process of river curves. I. V. Popov. Trudy Ukr. NIGMI no. 3: 151-155 '55.
Estimating fluctuations of the water supply capacity of rivers. A. V. Agupov. Meteor. i gidrol. no. 7:28-31 Jl '56.

RIVERS—REGULATION
Using river defense works in the regulation of rivers. A. F. Pechkurov. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:21-59 '55.

RIVERS, FREEZING AND OPENING OF see Ice on rivers, lakes, etc.

RIVETS
Expansion of rivets utilizing frictional heat. I. N. Petrov, B. I. Dashevskii. Vest. mash. 36 no. 8:68-70 '56.
Rychin, S. A. [Riveting, cutting and fullering] Klepka, rubka i chekanka. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 147 p.

ROACH (FISH) see subdivision under Tajikistan

ROAD CONSTRUCTION
(see also subdivision under Germany, West; Kotovka District)
A basic work on the planning of automobile highways ("Planning automobile highways." A. K. Birulia. Reviewed by A. A. Milashechkin.) Avt. dor. 19 no. 8:25-26 Ag '56.
Concerning the first part of the textbook "Construction of automobile roads." A. A. Arsen'ev, V. A. Bochin, N. N. Ivanov. Reviewed by V. N. Avt. dor. 19 no. 7:31-32 Jl '56.
Construction of concrete roads in the city. L. N. Smirnov, V. E. Knorre. Gor. khoz. Mosk. 30 no. 8:22-27 Ag '56.
Formation of the Main Administration of Road Construction of the U. S. S. R. Avt. dor. 19 no. 7:3 Jl '56.
In the Academic Council of the All-Union Scientific Research Institute of Road Construction. E. V. Tumas. Avt. dor. 19 no. 7:3 of cover Jl '56.
Increase the role of the republic road organizations in building, repairing and maintaining roads. Avt. dor. 19 no. 7:2-3 Jl '56.
New technical specifications for planning automobile roads in industrial enterprises. Biul. stroi. tekh. 13 no. 8:28-30 Ag '56.
Tasks of the Main Administration of Road Construction of the U. S. S. R. V. T. Fedorov. Avt. dor. 19 no. 8:2-3 Ag '56.
Valuable manual for road foremen. V. A. Uvarov. Avt. dor. 19 no. 8:26-27 Ag '56.

ROAD MACHINERY
(see also subdivision under Europe, Western; Ukraine)
Building and road construction machinery manufacture in the sixth five-year plan. E. S. Novoselov. Mekh. trud. rab. 10 no. 8:28-31 Ag '56.
Contest for the best efficiency proposals. Avt. dor. 19 no. 8:32 Ag '56.
Efficient method of loading mixers. T. T. Shkurikhin. Avt. dor. 19 no. 7:31 Jl '56.
Improve the organizational structure of road machinery stations. A. F. Solomin. Avt. dor. 19 no. 8:27-28 Ag '56.
Kuvaitsev, I.F., and S.M. Asheko. [Lubricating materials and lubricants of roadbuilding machinery] Smazochnye materialy i smazka dorozhnostroitel'nykh mashin. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 62 p.
Unused resources for increasing the labor productivity in constructing roadbeds. M. N. Ivanova, I. A. Sazykin, V. P. Chernavskii. Transp. stroi. 6 no. 8:1-5 Ag '56.

ROAD MATERIALS
Bitumen spreader. E. I. Rakovskii. Avt. dor. 19 no. 8: 3 of cover Ag '56.
Mechanical enrichment of limestone rubble. E. M. Dobroliubov, Z. E. Meilikhov. Avt. dor. 19 no. 7:9-10 Jl '56.

ROAD MATERIALS—TESTING
Testing road materials with the aid of supersonics. N. V. Kharitonenko. Avt. dor. 19 no. 7:33 Jl '56.

ROAD TRAFFIC see Traffic engineering

ROADS
(see also subdivision under Nizhnyaya Tunguska Valley)
Determining the most economic road routes depending on the transportation service plan. K. I. Andronikashvili. Avt. dor. 19 no. 8:19-20 Ag '56.
Laying automobile roads near populated places. A. V. Sigaev. Avt. dor. 19 no. 7:24-25 Jl '56.
Technical norms for planning agricultural roads. M. F. Smirnov. Avt. dor. 19 no. 8:29 Ag '56.

ROADS—MAINTENANCE AND REPAIR see subdivision under Moscow

ROADS—STANDARDS
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standards and technical specifications for the planning of automobile roads (NiTU 128-55)] Normy i tekhnicheskie uslovtiia proektirovaniia avtomobil'nykh dorog (NiTU 128-55). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 107 p.

ROADS—SURVEYING
Trigonometric leveling by the percentage method. E. V. Milevskii. Avt. dor. 19 no. 8:20-21 Ag '56.

ROADS, FOREST see Forest roads

ROADS, ICE
Hauling logs by truck trailer on ice roads. M. I. Kishinskii. Les. prom. 34 no. 9:4-7 S '56.

ROADSIDE IMPROVEMENT see subdivision under Ossetia; Poltava Province

ROBBER FLIES see subdivision under Soviet Central Asia

ROCK DRILLS
Some observations relative to the selection of the speed of impact by the striker on the drill steel of a hammer drill for purpose of increasing impact efficiency. Sh. S. Mazitov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:63-67 '56.

ROCK WOOL see Mineral wool

ROCKETS (AERONAUTICS)
Karagodin, V. M. [Some problems in the mechanics of bodies with variable mass] Nekotorye voprosy mekhaniki tela peremennoi massy. Moskva, Gos. izd-vo obor. promyshl., 1956. 30 p. (Moscow. Aviatsionnyi institut. Trudy, no. 63)
Problem of flame front position in the combustion chamber of a liquid-fuel rocket engine. A. P. Vasil'ev. [Trudy] MVTU no. 67:115-120 '55.
[Problems of rocket engineering; translations and surveys of foreign periodical literature] Voprosy raketnoi tekhniki 6 no. 5 '56. 166 p.

ROCKETS (ORDNANCE)
Guided rocket shells in the navy. I. Chernyshev. Voen. znan. 31 no. 6:12-13 Je '56.

ROCKS
(see also subdivision under Aragats, Mount; Donets Basin; Kazakhstan; Kazbek, Mount)
Diffused permeability of some argillaceous rock. P. L. Antonov. Geokhim. met. poisk. nefti i gaza no. 2:39-55 '54.

ROCKS—CLEAVAGE see subdivision under Mogov Valley

ROCKS—SPECTRA see subdivision under Azerbaijan

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Ingulets Valley; Ukraine; White Russia

ROCKS, IGNEOUS
(see also subdivision under Azerbaijan; Caucasus, Northern; Krivoy Rog; Maritime Territory; Pamirs; Transbaikalia; Varzob-Boto Valley; Zeravshan Range)
Beryllium content in acid rocks of the U. S. S. R. A. A. Beus, L. I. Sazhina. Dokl. AN SSSR 109 no. 4:807-810 Ag '56.
Unusual instance of columnar structure in trap. S. I. Suslova. Izv. AN SSSR. Ser. geol. 21 no. 7:107-110 Jl '56.

ROCKS, SEDIMENTARY
Methods of studying colors of sedimentary rocks. V. I Danchev. Izv. AN SSSR. Ser. geol. 21 no. 7:49-60 Jl '56.

ROCKY MOUNTAINS—STONE
It is interesting to know. Pionerila 33 no. 9:32 S '56.

RODENT CONTROL
"Methods of controlling rodents in cities." V. G. Polezhaev, L. A. Kirin. Reviewed by A. P. Kuzlakin. Zhur. mikrobiol. epid. i immun. 27 no. 9:108-109 S '56.
Using an adhesive paste for trapping rodents in buildings. T. N. Baranovskaia. Gig. i san. 21 no. 9:89-90 S '56.

RODENTIA
(see also subdivision under Komi A. S. S. R.; Tajikistan)
Influence of a reduction in the murine rodent population on the feeding of larvae and nyphms of the tick Ixodes persulcatus P. Sch. in centers of tick-borne encephalitis [with summary in English]. S. A. Shilova and others. Biul. MOIP, Otd. biol. 61 no. 3:27-34 My-Je '56.

RODENTIA—PARASITES see Parasites—Rodentia

RODENTS AS CARRIERS OF DISEASE
The water vole Arvicola terrestris as a natural reservoir of pathogenic Leptospirae. T. A. Krepkogorskaia. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:77-79 '56.

ROE DEER
Methods for determining the age of roe deer (Capreolus capreolus L.) [with English summary in insert]. I. I. Sokolov. Zool. zhur. 35 no. 8:1238-1249 Ag '56.

ROLLAND, ROMAIN, 1866-1944
Romain Rolland, fighter against reaction, imperialism, and imperialistic wars. G. S. Andrianian. Uch. zap. Erev. gos. russ. ped. inst. 4:209-225 '55.

ROLLER BEARINGS
Evaluation of the effect of roller precision on play in radial roller bearings. M. IA. Popereka. Dokl. AN Tadzh. SSR no. 15:51-55 '56.
"Handbook on the replacement of foreign-made rolling bearings by Russian ones." V. K. Petrichenko, I. M. Nikberg, A. I. Neveduiushchii. Reviewed by V. A. Roshet. Vest. mash. 36 no. 8:85-86 '56.
Strength and rigidity calculations for freewheeling mechanisms. V. F. Mal'tsev. Vest. mash. 36 no. 6: 12-17 Je '56.

ROLLERS (EARTHWORK)
Determining the packing capacity of pneumatic tires rollers. N. A. Ul'ianov. Avt. dor. 19 no. 7:14-16 Jl '56.

ROLLING (METALWORK)
Efforts to avoid rejects in the production of welded pipes. IU. A. Mednikov. Metallurg no. 8:25-26 Ag '56.
Grooving and rolling fishplates covering the joints on R-43 rails. A. I. Sotov'ev. Metallurg no. 8:22-23 Ag '56.
"Interfactory exchange of progressive practices in the pipe rolling industry" A. I. Ezrets, D. E. Rokhman, M. P. Glikin. Metallurg no. 8:3 of cover Ag '56.
Production of new types of streetcar rails. I. I. Kuchko, M. G. Serkin, I. B. Rapoport. Stal' 16 no. 8:708-716 Ag '56.
"Progressive methods of rolling" B. P. Bel'gol'skii, A. L. Staroselskii. Metallurg no. 8:40 Ag '56.
Progressive work practices of the punch die operator. N. V. Vilonov, N. S. Khitryi. Metallurg no. 9:33-34 S '56.
Tafel's law of "natural lengths." L. Gellebrand. Stal' 16 no. 8:742-743 Ag '56.
Variations in pipe walls rolled on a three-high mill. P. K. Teterin, F. A. Danilov, E. S. Trifonov. Stal' 16 no. 8: 721-727 Ag '56.
Work method of V. I. Kravets senior universal mill operator. P. I. Madzhar. Metallurg no. 8:30-31 Ag '56.

ROLLING MILLS
Experience in unifying buildings of rolling and tube-rolling mills. A. Lubnin, N. Ushakov. Arkhit. SSSR no. 9:11-15 '56.
Improving the fittings of large section and rail rolling mills. V. E. Stefanov, L. I. Boldyrev. Metallurg no. 8:26-28 Ag '56.
Litovchenko, N.V. [Intensive cogging in blooming mills] Primenenie vysokikh obzhatii na blumingakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 67 p.
Shum, B.M. [The fittings of rail and structural steel large shape mills] Armatura rel'sobalochnykh i krupnosortnykh stanov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 218 p.
Straightener for plates with varying cross sections. A. S. Ostrinskii, I. B. Rubinshtein. Vest. mash. 36 no. 6:21-23 Je '56.
Transverse ball-rolling mill and building up of working roller grooves. A. V. Rimshan, K. N. Kiselev, V. I. Efanov. Vest. mash. 36 no. 9:23-27 S '56.
Using reinforced concrete blocks for the construction of blooming mill soaking pits. V. V. Shalaev. Metallurg no. 8:28-29 Ag '56.

ROLLS (IRON MILLS)
Efficient grooving on the 330 rolling mill. V. P. Suzonenko, V. V. Ostaponko. Stal' 16 no. 8:716-721 Ag '56.
Profasov, A.A., and P.P. Zuev. [Grooving of rollers for high-speed steel rolling] Kalibrovka valkov dlia prokatki bystrorezhushchei stali. Moscow, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 176 p.

ROMAN CATHOLIC CHURCH see Catholic Church

ROMANOVSKII, GEORGII DANILOVICH, 1830-1906
G. D. Romanovskii; on the 50th anniversary of his death. IU. A. Anisimov. Visnyk AN URSR 27 no. 7:72-74 '56.

ROMASHKINSKIY—PETROLEUM—ANALYSIS
Composition and properties of petroleum high molecular weight compounds. Article 4: Study of the composition and properties of the tarry portion of Romashkinskiy (Devonian) petroleum. S. R. Sergienko and others. Trudy Inst. neft. 8:42-46 '56.

ROME—FENCING
Results of the world championship matches in fencing in 1955. A. P. Gollanitskii. Teor. i prak. fiz.-kul'. 19 no. 8:573-580 '56.

ROME—GEOPHYSICS—CONGRESSES
Work of the International Volcanological Association at the Tenth General Assembly of the International Union of Geodesy and Geophysics. V. I. Vlodavets. Biul. Vulk. sta. no. 24:3-13 '56.

ROME—HISTORY
The character and role of the "Colonia Romana" in the extension of Roman power over the Apennine peninsula. I. L. Maiak. Vest. drev. ist. no. 2:145-153 '56.
The first year of the Pyrrhic war. I. I. Veitskivs'kyi. Nauk. zap. L'viv. un. 25:177-191 '53.
History of the Pyrrhic war. I. I. Veitskivs'kyi. Nauk. zap. L'viv. un. 36:173-190 '55.
In the Institute of History of the Academy of Sciences of the U. S. S. R. G. D. Vest. drev. ist. no. 2:178-181 '56.
The question of dating the beginning of the uprising of Spartacus. S. I. Kovalev. Vest. drev. ist. no. 2: 12-17 '56.
Selected Latin inscriptions on the social and economic history of the early Roman Empire. E. M. Shtaerman. Vest. drev. ist. no. 2:185-234 '56.

ROME—HISTORY—CONGRESSES
Problems of the history of the U. S. S. R. at the Tenth International Congress of Historians at Rome. N. M. Druzhinin. Ist. zap. no. 55:3-26 '56.

ROME—VOLCANOES—CONGRESSES
Work of the International Volcanological Association at the Tenth General Assembly of the International Union of Geodesy and Geophysics. V. I. Vlodavets. Biul. Vulk. stn. no. 24:3-13 '56.

ROOFING
Corrugated slag cement roofing. V. Nikolenko. Prom. koop. no. 9:20 S '56.
Gribov, E.I. [Roofing paper] Krovel'nyi karton, Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956, 207 p.

ROOFING—STANDARDS
The All-Union State Standards for roofing paper. Biul. stroi. tekh. 13 no. 8:34-35 Ag '56.
Changes in the All-Union State Standards. Biul. stroi. tekh. 13 no. 8:36-37 Ag '56.

ROOFING, CONCRETE
Prestressed reinforced concrete girders for arched roofs of industrial buildings. N. V. Nikitin, R. G. Shishkin. Stroi. prom. 34 no. 9:19-23 S '56.

ROOFS
Causes for the formation of ice on roofs and its effect on the durability of buildings. V. Shevchenko. Arkhit. i bud. 4 no. 3:19-20 My-Je '56.
Hundred meter span roofing for an industrial building made of precast reinforced concrete. A. P. Morozov, V. F. Minin. Nov. tekh. i pered. op. v stroi. 18 no. 8: 16-18 Ag '56.
Results of competition in constructing precast reinforced concrete roofs for industrial buildings. M. G. Kostiukovskii, L. D. Poverennyi. Stroi. prom. 34 no. 8:22-28 Ag '56.
Roofs made of slabs and girders. I. L. Zhodzishskii, M. M. Shindnes. Bet. i zhel.-bet. no. 8:296-300 Ag '56.

ROOFS, SHELL
Resistance of thin-walled three-dimensional structures to the action of horizontal forces [in Georgian with summary in Russian]. O. D. Ontiashvili, A. A. Dzhabua. Trudy Inst. stroi. dela AN Gruz. SSR 4:45-67 '53.

ROOT CROPS
(see also subdivision under Siberia, Western)
Separating stones from root crops at the time of washing. B. I. Zhivotko. Sel'khozmashina no. 8:23 Ag '56.

ROOT ROT
Weeds as sources of infection of cultivated plants with root rot caused by the fungus Rhizoctonia Aderholdii (Rant) L. Koloshina. L. M. Koloshina. Uch. zap. Kish. un. 13:219-226 '54.

ROOTS (BOTANY)
Disposition of fruit-tree roots. E. V. Kolesnikov. Sad i og. no. 9:40-42 S '56.
Frost-resisting properties of the root system in grapes. S. IA. Mininberh. Nauk. zap. Kiev. un. 7 no. 6:163-171 '48.
Growth and absorption capacity of wheat root systems in connection with the developmental phase of the plants. S. S. Andreenko. Vest. Mosk. un. 11 no. 5:75-81 My '56.
Introgression of oak roots in plantations of the Kamyshin Forest Conservation Branch Station. M. M. Beskaravainyi. Agrobiologiia no. 4:119-122 Jl-Ag '56.
Vegetative propagation of perennial grasses from filiform roots. S. A. Kott. Biul. MOIP, Otd. biol. 61 no. 3:92-93 My-Je '56.

ROSES
How to bud roses best. I. L. Sokolov. Sad i og. no. 9: 75 S '56.

ROSTOV-ON-DON—CIRCUS
New circus in Rostov-on-Don. M. Amshinskii. Ogonek 34 38:25 S '56.

ROSTOV-ON-DON—HOUSING
Postwar housing construction in Rostov-on-Don. I. I. Borokhovich, L. I. Dyzhina. Gig. i san. 21 no. 9:65-66 S '56.

ROSTOV-ON-DON PROVINCE—BOULDERS
Unusual find. V. P. Anan'ev. Priroda 45 no. 9:117 S '56.

ROSTOV PROVINCE—IRRIGATION FARMING
Make a wider use of the progressive workers' practice in irrigation. M. M. Vidineev. Zemledelie 4 no. 9: 124-126 S '56.

ROSTOV PROVINCE—ONIONS
Growing and storing bulb onions. F. N. Denisenko. Sad i og. no. 8:26-27 Ag '56.

ROSTOV PROVINCE—SHEEP—DISEASES
Pulmonary diseases of lambs in the Sal'sk Steppe zone. V. K. Parakin. Ovtsevodstvo no. 8:41-45 Ag '56.

ROSTOV PROVINCE—SOIL INOCULATION
Mass use of phosphorobacterin for winter wheat on collective farms of Rostov Province. Z. F. Velchkova. Ud. i ur. 1 no. 7:24-27 Jl '56.

ROSTOV PROVINCE—VETERANS
From Germany to the Don. Sov. Souiz no. 9:34-35 S '56.

ROTARY KILNS see Kilns, Rotary

ROTATING AMPLIFIERS
Two-stage self-excited rotating amplifier with in-phase field. F. A. Gorlainov, B. IA. Gusev. Elektrichestvo no. 8:18-22 Ag '56.

ROTATION OF CROPS
(see also subdivision under Ukraine)
Effectiveness of crop rotations including clean and green fallows in the central non-Chernozem zone. I. A. TSIvenko. Zemledelie 4 no. 9:42-45 S '56.
Formation of meadows on peat soils on collective farms of the U. S. S. R. N. A. Tikhenev. Zemledelie 4 no. 8: 103-106 S '56.
Introducing and mastering crop rotations. A. Panfilov. Kolkh. proizv. 16 no. 9:8-10 S '56.
Perennial grass strips in crop rotations in steppe area. S. S. Shain. Nauka i pered. op. v sel'khoz. no. 9:11-14 S '56.
Principles of cultivation practices for planning sugar beet crop rotations in the forest-steppe zone of the U. S. S. R. M. A. Grekov. Zemledelie 4 no. 9:26-41 S '56.
Using grass in crop rotations on deep clayey Chernozems. S. S. Sdobnikov. Izv. TSKhA no. 1:33-42 '56.

ROTORS
Determining the critical angular speed of multidisk rotors by means of the tabular method. K. A. Krukov. Trudy MAI no. 55:5-62 '56.

ROUTES OF TRAVEL see Air travel

ROVNO PROVINCE—PHYSICAL GEOGRAPHY
The sandy lands of the Goryn' and lower Sluch' watershed. S. L. Lutskii. Dop. to pov. L'viv. un. no. 5, pt. 2:55-56 '55.

ROVNO PROVINCE—SAND
Sands in Rovno Province. S. L. Lutskii. Nauk. zap. L'viv. un. 28:125-126 '54.

ROWING
Analyzing classic rowing technique. V. F. Sorokin. Teor. i prak. fiz.-kul't. 19 no. 8:581-587 '56.
[Rowing in the U.S.S.R.] Grebnoi sport v SSSR. [Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956] 1 v. (unpaged, chiefly illus.)

RÓŻEWICZ, TADEUSZ, 1921-
Brief notes on authors. Inostr. lit. no. 8:239 Ag '56.

ROZOV, V.
New play, new problems, new tasks ("Good luck!" V. Rozov. Reviewed by E. Kalmanovskii). Mol. Len.; al'm. 284-271 '55.
Nothing is eternal. Teatr 17 no. 8:134 Ag '56.

RUBBER
Role of the diffusion of polymer chains in the adhesion and tackiness of rubber. B. V. Deriagin, S. K. Zherebkov, A. M. Medvedeva. Koll. zhur. 18 no. 4:404-412 Jl-Ag '56.
Study of the dynamic properties of rubber by the method of spontaneous contractions. G. M. Bartenev, M. M. Reznikovskii, M. K. Khromov. Koll. zhur. 18 no. 4:395-403 Jl-Ag '56.
Use of an optical modulation-interference method in measuring the dynamic modulus of rubber for very small deformation amplitudes. N. M. Borovitskaia. Dokl. AN SSSR 109 no. 5:923-925 Ag '56.
The work of the Scientific-Research Institute of the Rubber Industry. I. M. Pumpianskii. Khim. prom. no. 3:186-187 Ap-My '56.

RUBBER—ANALYSIS
Methods for determining the industrial properties of carbon black rubber mixes. P. N. Orlovskii, A. I. Lukomskaia, S. K. Bogatova. Khim. prom. no. 4:217-224 Je '56.

RUBBER, RECLAIMED
Thermomechanical regeneration of colored rubbers. G. V. Livyi, V. A. Zhurko, I. M. Landa. Leg. prom. 16 no. 7:30-33 Jl '56.

RUBBER, SYNTHETIC
Investigation of the elastic-viscous properties of synthetic rubber solutions. A. I. IUrzhenko, IU. E. Martyniuk-Lototskii. Nauk. zap. L'viv. un. 34:30-36 '55.
Manufacture of footwear with microporous soles made by hot vulcanization under pressure. S. V. Slutskii and others. Leg. prom. 16 no. 7:19-23 Jl '56.

RUBBER INDUSTRY
Work practice of efficiency promoters at the "Kauchuk" Plant. I. Pumpianskii. Khim. prom. no. 4:254-255 Je '56.

RUBBER INDUSTRY—HYGIENIC ASPECTS
Prevention of dermatitis in workers of a Moscow tire plant. S. IA. Nudel'. Gig. i san. 21 no. 9:74-75 S '56.

RUBINSHTEIN, ABRAM MIKHAILOVICH, 1909-1955
Abram Mikhailovich Rubinshtein; obituary. O. E. Zvyaginisev, A. V. Nikolaev. Zhur. neorg. khim. 1 no. 4: 609-614 Ap '56.

RUBTSOV, NIKOLAI IVANOVICH
Professor N. I. Rubtsov; on the 25th anniversary of his scientific activities. Z. V. Kubanskaia. Trudy Inst. bot. AN Kazakh. SSR 3:229-236 '56.

RUDAKOV, KIRILL IVANOVICH, 1903-1956
Kirill Ivanovich Rudakov; obituary. Mikrobiologiia 25 no. 3:391-393 My-Je '56.
Kyrylo Ivanovych Rudakov; obituary. IA. P. Khudinkov. Mikrobiol. zhur. 18 no. 3:70-71 '56.

RUDDER see Steering gear

RUGOEV, IA.
Epic and lyric ("Drifting ice." IA. Rugoev. Reviewed by T. Summanen). Na rub. 17 no. 4: 170-173 Jl-Ag '56.

RUMANIA—AGRICULTURAL RESEARCH
Research of the Rumanian Agricultural Institute. Priroda 45 no. 9:73 S '56.

RUMANIA—AGRICULTURE, COOPERATIVE
Socialist transformation of agriculture in Rumania. Kommunist 33 no. 13:91-93 S '56.

RUMANIA—COMMERCE
Economic relations of Rumania and its second five-year plan [with summary in English, p. 31]. E. Kosarev, K. Muretova. Vnesh. torg. 26 no. 8:1-6 Ag '56.

RUMANIA—COOPERATIVE SOCIETIES
Clever fingers. Prom. koop. no. 8:37 Ag '56.

RUMANIA—ECONOMIC POLICY
Economic relations of Rumania and its second five-year plan [with summary in English, p. 31]. E. Kosarev, K. Muretova. Vnesh. torg. 26 no. 8:1-6 Ag '56.

RUMANIA—ELECTRIC LINES—POLES
In the Rumanian People's Republic. N. E. Titorenko. Transp. stroi. 6 no. 7:27-28 Jl '56.

RUMANIA—HUNTING
Hunting in Rumania. A. Vitruk. Okh. i okh. khoz. no. 9: 56-58 S '56.

RUMANIA—MANUFACTURES
Steep increase in the production of light industry in the Rumanian People's Republic. M. Moraru. Leg. prom. 16 no. 7:52 Jl '56.

RUMANIA—MOTION PICTURES—PERIODICALS
Rumanian periodical "Film." Isk. kino no. 8:113 Ag '56.

RUMANIA—PETROLEUM INDUSTRY
Past and present of Rumanian oil ("The history of Rumanian oil." Ch. Ravas. Reviewed by N. Lebedev). Mezhdunar. zhizn' no. 9:142-146 S '56.

RUMANIA—RELATIONS (GENERAL) WITH RUSSIA
Fruitful cooperation; 12th anniversary of the liberation of Rumania from the Fascist yoke. Sov. Souiz no. 9: 37 S '56.
Guests of "Ogonek." Ogonek 34 38:25 S '56.

RUMANIA—TELECOMMUNICATION
Let's follow the experience of Soviet communications workers; interview with leaders of the delegation of communication workers of the Rumanian People's Republic. Vest. sviazi 16 no. 8:34-35 Ag '56.

RUMANIA—TILES
Unit for manufacturing cement-sand tiles. P. Krutov. Stroi. mat., izdel. i konstr. 2 no. 7:35-36 Jl '56.

RUMANIA—TRADE UNIONS
It is time to end dissidence and internal struggle. Ion Mirescu. Vsem. prof. dvizh. no. 8:43-3 of cover Ag '56.

RUMANIAN COSTUME see Costume, Rumanian

RUMANIAN JOURNALISTS see Journalists, Rumanian

RUMINANTIA—PARASITES see Parasites—Ruminantia

RUNNING
Birth of a world record. G. Dolgopiatov. Fizk. i sport 26 no. 9:8 '56.
National relay race. N. Shvyiov. Fizk. i sport 26 no. 9:13 '56.

RUNOFF
(see also subdivision under Ukraine)
Some problems in studying heavy shower runoff. S. P. Kavetskii. Trudy KazNIGMI no. 5:31-36 '55.

RUPTURE see Hernia

RURAL ELECTRIFICATION
(see also subdivision under Komi A.S.S.R.)
The influence of agricultural credit on the electrification of collective farms. L. Braginskii. Vop. ekon. no. 9:63-72 S '56.

RURAL HYGIENE see Public health, Rural

RURAL LIBRARIES see Libraries, Rural

RURAL MEDICAL SERVICE see Medicine, Rural

RURAL WATER SUPPLY see Water supply, Rural

RUSAM, SULEIMAN, 1906-
Baku. Azerbaidzhanskaia respublikanskaia publichnaia biblioteka. Spravochno-bibliograficheskii otdel. [Suleiman Rustam; on the 50th anniversary of his birth] Süleiman Rüstäm; anadan olmasynyn 50 illiii münasibätilä (1906), taddash. Suleiman Rustam; k 50 letiiu so dnia rozhdeniia (1906), pamiatka. Baky, 1956. 12 p. [Parallel texts in Azerbaijani and Russian.]

RUSH WORK
Machine for making reed panels. D. Sobolev. Sel'. strof. 11 no. 8:20-21 Ag '56.

RUSSIA
News from the republics; items from newspapers. Druzh. nar. no. 9:128-132 S '56.

RUSSIA—AIR FORCE
Soviet aviation. A. Ivanskii. Voen. znan. 31 no. 6:4-5 Je '56.

RUSSIA—ARMED FORCES
Discipline is the soul of the army. V. Zmitrenko. Voen. znan. 31 no. 6:8-9 Je '56.

RUSSIA—ARMED FORCES—BIBLIOGRAPHY see Bibliography—Russia—Armed forces

RUSSIA—ARMED FORCES—OFFICERS
Technical training of officers. Voen. vest. 36 no. 8:2-5 Ag '56.

RUSSIA—ARMY
The soldier in defense. F. Gavrikov. Voen. znan. 31 no. 6:10-11 Je '56.

RUSSIA—ARMY—DEMOBILIZATION
A soldier has come home; feature story. V. Tarasevich. Sov. zhen. 12 no. 9:6-10 S '56.

RUSSIA—ARMY—EDUCATION, NONMILITARY
Gladkikh, G. F. [How the platoon agitator should conduct discussions with soldiers] Kak vzvodnomu agitatoru provodit' besedy s soldatami. Moskva, Voen. izd-vo Voennogo Ministerstva SSSR, 1950. 38 p. [MICROFILM]

RUSSIA—ARMY—EQUIPMENT
[Brief description of a commanding officer's locker; model 1946 (Kla-46)] Kratkoe opisanie komandirskogo iashchika; obr. 1946 g. (Kla-46). [n. p., n. d.] 8 p. [MICROFILM]

RUSSIA—ARMY—SUPPLIES AND STORES
Equipment maintenance day. S. Skachok. Voen. vest. 36 no. 9:25-27 S '56.

RUSSIA—ARMY—TARGET PRACTICE
What kind of shooting equipment do we need; discussion of an article by Lieutenant Colonel F. Bondarenko in "Voennyi vestnik," no. 5, 1956. A. Grechikhin, V. Romanets, V. Poliakov. Voen. vest. 36 no. 9:27-32 S '56.

RUSSIA—ARMY—TRANSPORTATION OF SICK AND WOUNDED
Signs for designating temporary shelters for wounded and disabled. V. I. Zemitan. Voen.-med. zhur. no. 10:76 O '55.

Sling on rubber springs for transporting wounded with skull and brain injuries. L. S. Zhuravskii, E. A. Mukhina. Voen.-med. zhur. no. 10:80-81 O '55.

RUSSIA—ARMY—UNIFORMS
Military uniforms regulations. Voen. vest. 36 no. 9: 88-89 S '56.

RUSSIA—BOARDING SCHOOLS
Start has been made. Rabotnitsa 34 no. 9:1-2 S '56.

RUSSIA—CLIMATE
Systematic development of the subject "General climate characteristics of the U. S. S. R." A. A. TSvetaev. Uch. zap. Bash. gos. ped. inst. no. 6:79-101 '55.

RUSSIA—COMMERCE
The development of Soviet trade is an important index of the greater prosperity of the people. N. S. Nazarova. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 9:147-156 '56.

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Soviet commerce; a statistical compendium] Sovetskaia torgovlia; statisticheskii sbornik. Moskva, Gos. statisticheskoe izd-vo, 1956. 351 p.

Russia's eastern trade in the 1830's and 1840's and the role played in it by Armenian merchants. A. IUkht. Izv. AN Arm. SSR. Obshchestv. nauki no. 8:43-62 Ag '56.

Use wage funds in trade correctly. N. Minkov. Fin. SSSR 17 no. 9:74-77 S '56.

RUSSIA—COMMERCE—ACCOUNTING
Collection of the turnover tax and accounting for goods sold. A. Shevedskii. Bukhg. uchet 15 no. 8:51-56 Ag '56.

RUSSIA—COMMERCE—FINANCE
"Finance and credit in Soviet commerce." A. D. Makarov. Reviewed by G. Tochil'nikov. Sov. torg. no. 8:36-39 Ag '56.

RUSSIA—COMMERCE—GERMANY, WEST
Interview of I. G. Kabanov, minister of foreign trade of the U. S. S. R. by the newspaper "Die Welt." Vnesh. torg. 26 no. 9:1-2 S '56.

RUSSIA—COMMERCE—GREAT BRITAIN
Broadening the ties between Soviet and British cooperatives. Kooperator. Sov. torg. no. 7:22-24 Jl '56.

RUSSIA—COMMERCE—PAKISTAN
Trade agreement between the government of the U. S. S. R. and the government of the Islamic Republic of Pakistan. Vnesh. torg. 26 no. 8:23-25 Ag '56.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CULTURE
Follow-up of material published in the magazine. Kul't.-pros. rab. 17 no. 9:43 S '56.
We should promote the cultural development of villages. Kul't.-pros. rab. 17 no. 9:37-42 S '56.

RUSSIA—DESCRIPTION AND TRAVEL
First time in the U. S. S. R. VI. Vesely. Slaviane no. 9: 46-49 S '56.
Through an American farmer's eyes (conclusion). J. Jacobs. Ogonek 34 no. 35:22-24 Ag '56.

RUSSIA—ECONOMIC CONDITIONS
According to the sixth five-year plan. Geog. v shkole 19 no. 4:60-65 Jl-Ag '56.
Mel'nikov, P. L. [Saving billions] Sberezhem milliardy. Moskva, Gos. izd-vo polit. lit-ry, 1956. 44 p.
"Oxford regional economic atlas: The U. S. S. R. and Eastern Europe." Reviewed by P. M. Alamptev, L. M. Blushgens, E. L. Gurari. Izv. AN SSSR, Ser. geog. no. 4:128-135 Jl-Ag '56.
Rakau, IA. H. [The steady growth in the prosperity of the Soviet people] Niaukhil'ny rost dobrabytu savetskaha naroda. Minsk, Dziarzh. vyd-va BSSR, 1956. 61 p.
Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Results of fulfilling the State plan for the development of the national economy of the U.S.S.R. in 1955] Ob itogakh vypolneniia gosudarstvennogo plana razvitiia narodnogo khoziaistva SSSR v 1955 godu. Moskva, Gos. izd-vo polit. lit-ry, 1956. 29 p.
Socialist distribution of productive forces in the U. S. S. R.; place of the Ukraine in the national economy of the Soviet Union. K. P. Piartli. Nauk. zap. Kiev. un. 13 no. 3:5-42 '54.

RUSSIA—ECONOMIC CONDITIONS—HISTORY
"The U. S. S. R. during the reconstruction of the national economy (1921-1925). Historical studies." Reviewed by I. B. Berkhin. Vop. ist. no. 7:150-157 Jl '56.

RUSSIA—ECONOMIC CONDITIONS—STATISTICS
Concise figures showing the growth of the Soviet national economy ("The national economy of the U. S. S. R." Reviewed by L. Khorunzhii). Vop. ekon. no. 9:125-131 S '56.

For the welfare of the people; facts and figures. Mol. komm. 14 no. 8:101-105 Ag '56.
The language of numbers; on the statistical collection "National economy of the U. S. S. R." A. Motylev. Mol. komm. 14 no. 8:95-100 Ag '56.
Results of the fulfillment of the state plan for the development of the U. S. S. R. national economy in the first half of 1956. Vest. stat. no. 4:3-18 Jl-Ag '56.
Statistics on the great socialist victories. Vest. stat. no. 4:19-25 Jl-Ag '56.

RUSSIA—ECONOMIC POLICY
Changes in location of industrial forces of the U. S. S. R. in the sixth five-year plan. O. A. Konstantinov. Izv. Vses. geog. ob-va 88 no. 4:351-363 Jl-Ag '56.
Decisions of the plenary session of the Central Committee of the Communist Party of the Soviet Union of September, 1953 reflecting the requirements of the objective economic laws of socialism. M. I. Petrova'kyi. Nauk. zap. L'viv. un. 27:23-32 '54.
Distribution of productive forces of the U. S. S. R. in the sixth five-year plan and tasks of economic geography. V. F. Vasiutin. Izv. AN SSSR, Ser. geog. no. 4:60-75 Jl-Ag '56.
Great economic development of the eastern parts of the country. N. I. Troshev. Mosk. prop. 13 no. 8:27-35 Ag '56.
How the national economy of our country is planned. V. Kol'tsov. Mol. komm. 14 no. 8:87-94 Ag '56.
Rattarovskii, M. O. [Socialist capital replacement in the U. S. S. R.] Sotsialisticheskoe vosproizvodstvo v SSSR. Leningrad, Vses. ob-vo po rasprostraneniiu polit. i nauchn. znanii, Leningradskoe otd-nie, 1956. 38 p.
The sixth five-year plan in a museum exposition. I. Lavrynenko, L. Shramko. Sots. kul't. 10 no. 9:7-9 S '56.
The sixth five-year plan is a giant step in solving the basic economic problem of the U. S. S. R. M. Strankevich. Mosk. prop. 13 no. 8:18-26 Ag '56.
Vasiutin, V. F. [Distribution of the productive forces of the U. S. S. R. in the sixth five-year plan] Razmeshchenie proizvoditel'nykh sil SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe ob-shchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 43)

RUSSIA—EXECUTIVE DEPARTMENTS
The decision of the government on the survey of standard staffs is not being carried out. A. Korovkin. Fin. SSSR 17 no. 9:27-31 S '56.
Organizational excesses. P. Sidorov. Fin. SSSR 17 no. 9:32-33 S '56.

RUSSIA—FOREIGN ECONOMIC RELATIONS—ASIA
Hearts are open for friendship. Smena 33 no. 11:9-10 Je '56.

RUSSIA—FOREIGN ECONOMIC RELATIONS—EUROPE, EASTERN
Economic cooperation among socialist countries. B. Odinokov. Slaviane no. 10:8-10 O '56.

RUSSIA—FOREIGN ECONOMIC RELATIONS—KOREA, NORTH
Aid from the great Soviet people. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 20:2-3 Jl '56.

RUSSIA—FOREIGN ECONOMIC RELATIONS—POLAND
On the basis of equality and friendly mutual aid. I. Dudinskii. Slaviane no. 9:28-32 S '56.

RUSSIA—FOREIGN RELATIONS
Mediterranean problems in Russia's foreign policy at the beginning of the 19th century. A. L. Shapiro. Ist. zap. no. 55:253-298 '56.
Principles of the foreign policy of the Communist Party of the Soviet Union. Kh. M. Chakhmakhchian. Uch. zap. Erev. gos. russ. ped. inst. 4:135-144 '55.
Recognition of the Soviet state in international law. R. L. Bobrov. Uch. zap. Len. un. no. 166:51-104 '48.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN
An Afghan mission in Kazakhstan. S. S. Golubtsinskov, V. S. Poznanskii. Ist. arkh. no. 4:240-251 Jl-Ag '56.

RUSSIA—FOREIGN RELATIONS—BURMA
Relations between Russia and Burma in the 19th century [with English summary in insert]. O. F. Solov'ev. Sov. vostokoved. no. 4:126-134 '56.

RUSSIA—FOREIGN RELATIONS—FINLAND
In friendly Finland. Sov. Soiuz no. 10:8-9 O '56.
K. E. Voroshilov in Finland. Ogonek 34 no. 36:2-3 S '56.
Results of K. E. Voroshilov's trip to Finland. Sovremennik. Nov. vrem. 14 no. 37:3-4 S '56.

RUSSIA—FOREIGN RELATIONS—GREAT BRITAIN
Nakashidze, N. T. [Russian-English relations during the second half of the 16th century] Russko-angliiskie otnoshenila vo vtoroi polovine XVI v. Tbilisi, Izd-vo Tbilisskogo gos. univ. im. Stalina, 1955. 154 p.

RUSSIA—FOREIGN RELATIONS—INDONESIA

Documents; Joint Soviet-Indonesian statement. Nov. vrem. 14 no.38:insert S '56.

A durable and indissoluble friendship. Krest'ianka 35 no.10:11 O '56.

Indissoluble friendship of the peoples of the Soviet Union and Indonesia. Sov.Soiuz no.10:1 O 56.

Indonesian people in the struggle for peace and strengthening of national independence. T.Ershov. Mezhdunar. zhizn' no.9:19-26 S '56.

President Sukarno in the Soviet Union. Ogonek 34 no.38:2-3 S '56.

The Soviet Union and Indonesia. Nov.vrem. 14 no.38: 1-3 S '56.

RUSSIA—FOREIGN RELATIONS—IRAN

Guests from Iran. Sots.Uz. 15 no.8:14 Ag '56.

RUSSIA—FOREIGN RELATIONS—JAPAN

The present status of Soviet-Japanese negotiations. Nov.vrem. 14 no.36:1-2 Ag '56.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

The establishment of diplomatic relations between the U.S.S.R. and the U.S.A. in 1933. V.L.Israelian, V.I. Popov. Ist.zap. no.55:65-88 '56.

The role of the U.S.A. in counterrevolutionary intervention of western imperialists in Transcaucasia in 1917. G.Galoian. Izv.AN Arm.SSR.Obshchestv.nauki no.8:9-18 Ag '56.

RUSSIA—FOREIGN RELATIONS—YUGOSLAVIA

For the good of peace and socialism. Sots.Uz. 15 no.7: 5 Jl '56.

RUSSIA—HISTORY

A description of A.V.Suvorov's documents. Reviewed by N.S.Orlova, E.P.Pod"iapol'skaia. Ist.arkh. no.4: 281-283 Jl-Ag '56.

Economic and cultural relations of the western Ukraine with Russia in the 17th century. I.I.Svarychevs'kyi. Nauk.zap.L'viv.un. 28:111-116 '54.

Heroic Russian past in A.S.Pushkin's works. M.Halavanau. Polymia 34 no.9:143-151 S '56.

Historical significance of the Pereyaslavl' Council, January 8 (18), 1654. V.A.Diadichenko. Trudy Ukr.NIGMI no.3:5-13 '55.

Influence of the revolutionary movement at the end of the 19th and the beginning of the 20th centuries in Russia on the revolutionary liberation struggle of Galician workers. V.K.Osechyns'kyi. Nauk.zap.L'viv.un. 25:27-46 '53.

Materials on the history of the U.S.S.R., vol.2. Documents on the history of the 15-17th centuries. Reviewed by IA.S.Lur'e. Ist.arkh. no.4:277-281 Jl-Ag '56.

A new volume ("Collection of documents," vol.4. M.I. Kutuzov. Reviewed by V.I.Vialikov). Ist.arkh. no. 4:272-277 Jl-Ag '56.

Problems of the history of the U.S.S.R. at the Tenth International Congress of Historians at Rome. N.M. Druzhinin. Ist.zap. no.56:3-26 '56.

Significance of the Pereyaslav assembly in international law. V.I.Lisovskii. Nauk.zap.Kiev.un. 13 no.5:5-15 '54.

Study about people's uprisings in ancient Russia ("Peasants' and townsmen's insurrections in Russia during the 11th-13th centuries," M.N.Tikhomirov. Reviewed by I.Grekov). Slaviane no.10:53-56 O '56.

RUSSIA—HISTORY—SOURCES

"Problems of source research," vol.4. Reviewed by V.P.Danilov, R.M.Savitskaia, A.TS.Merzon. Ist. arkh. no.4:281-272 Jl-Ag '56.

RUSSIA—HISTORY, MILITARY

History of military reforms in the 1550's. A.A.Zimin. Ist.zap. no.56:344-369 '56.

Military calendar. Voen.znan. 31 no.6:32 Je '56.

RUSSIA—INDUSTRIALIZATION

The development of modern industry in Russia in the 18th century. R.Portal. Ist.zap. no.55:360-365 '56.

RUSSIA—INDUSTRIES

Comprehensive study of productive forces for 1915-1955 made by the Academy of Sciences. L.V.Pustovalov, V.V.Obruchev. Izv.AN SSSR.Ser.geog. no.4: 85-93 Jl-Ag '56.

Letter to the editor. I.Broide. Fin.SSSR 17 no.9:91-93 S '56.

RUSSIA—INVASION OF, 1812

Ukrainian Cossack regiments and Ukrainian militia in the battles of the Patriotic War of 1812. H.IU.Herbil's'kyi. Nauk.zap.L'viv.un. 25:99-111 '53.

RUSSIA—MANUFACTURES

Labor productivity in the sixth five-year plan. Leg. prom. 16 no.7:1-3 Jl '56.

RUSSIA—MANUFACTURES—EQUIPMENT AND SUPPLIES

Equipment for the consumer goods industry. K.V.Rosatkevich. Bum.prom. 31 no.7:24-25 Jl '56.

RUSSIA—OFFICIALS AND EMPLOYEES

Second Plenum of the Central Committee of the Government Workers' Trade Union. Fin.SSSR 17 no.9:94-95 S '56.

RUSSIA—POLITICS AND GOVERNMENT

The Council of Ministers based on the decree of October 19, 1905. K.N.Mironenko. Uch.zap.Len.un. no.166: 348-370 '48.

Khrushchev, N.S. [Khrushchev's speech at a closed session of the 20th Congress of the Communist Party of the Soviet Union; February 24-25, 1956] Rech' Khrushcheva na zakrytom zasedanii XX s"ezda KPSS; 24-25 Fevralia 1956 g. Mlunkhen, 1956, 50 p.

Legality in the acts of Soviet governmental offices. I.N. Pakhomov. Nauk.zap.L'viv.un. 27:33-41 '54.

The significance of the Great October Socialist Revolution for the peoples of our country. S.Pokrovskii. Komm.Kazakh. 26 no.10:11-16 O '56.

RUSSIA—RELATIONS (GENERAL) WITH AUSTRALIA

Australian workers meet Soviet delegates enthusiastically. Tom Wright. Sov.profsoiuzy 4 no.8:84 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

In the name of Khristo Botev. A.Sorbin. Ogonek 34 no. 39:8 S '56.

There are many roads to friendship. Liliana Stefanova. Sov.zhen. 12 no.9:34 S '56.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

Friendly visit of Soviet ships. Kitai no.7:4-5 Jl '56.

Soviet ships in Shanghai. Kitai no.7:37 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH EUROPE

Along the world's pathways. N.Mikhailov. Sov.Soiuz no.9:21-25 S '56.

Meetings. V.Sokolova. Krest'ianka 35 no.9:26-28 S '56.

Shake hands, distant friend! I.Kazanskii. Smena 33 no.10:14-15 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH FINLAND

Finland is our good neighbor. L.Borozdina. Krest'ianka 35 no.9:7-8 S '56.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Foreign tourists in the U.S.S.R. Sov.Soiuz no.10:30 O '56

Foreign visitors. Sots.obesp. 17 no.5/6:94 My-Je '56.

A Soviet scientist's mail. I. Glushchenko. Ogonek 34 38:14 S '56.

To the other end of the world; diary from the trip on the ship "Pobeda." Boris Polevoi. IUnost' no.10: 61 O '56.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

A visitor from France on virgin lands. Ogonek 34 no.38:7 S '56.

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

English workers want to establish relations with Soviet workers. Vsem.prof.dvizh. no.7:30 Jl '56.

For restoration of the international unity of trade unions. Brian Roberts. Sov.profsoiuzy 4 no.9:83-85 S '56.

Guests of the English; a sketch. V.Maslinev. Lit.Stal. 10:164-171 '55.

Stalingrad - Coventry; a sketch. V.Ershov. Lit.Stal. 10:164 '55.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

Friendship in the name of peace. Gafur Abdurashidov. Zvezda Vost. 24 no.7:102-106 Jl '56.

Meeting of friends. Sots.Uz. 15 no.9:16 S '56.

RUSSIA—RELATIONS (GENERAL) WITH JAPAN

Joint communiqué issued by representatives of the Presidium of the All-Union Central Council of Soviet Trade Unions and the General Council of Japanese Trade Unions. Vsem.prof.dvizh. no.7:16 Jl '56.

RUSSIA—RELATIONS (GENERAL) WITH KOREA, NORTH

Telegram to the Central Committee of the Communist Party of the Soviet Union. Inform.biul.Dep.kul't.sv. s zagr.Min.kul't. 1 prop. KNDR 4 no.33:1 Ag '56.

Telegram to the leaders of the government of the U.S.S.R. Inform.biul.Dep.kul't.sv. s zagr.Min.kul't. 1 prop. KNDR 4 no.33:1-2 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH POLAND

Shoulder to shoulder with the Russian proletariat; interview with B.Tobolski and L.Stachanczyk, veterans of the Polish revolutionary movement. Slaviane no.9: 33-36 S '56.

RUSSIA—RELATIONS (GENERAL) WITH RUMANIA

Fruitful cooperation; 12th anniversary of the liberation of Rumania from the Fascist yoke. Sov.Soiuz no.9: 37 S '56.

Guests of "Ogonek." Ogonek 34 36:25 S '56.

RUSSIA—RELATIONS (GENERAL) WITH SCOTLAND

Auld lang syne. Peter Stone. Vsem.prof.dvizh. no.8: 18-20 Ag '56.

On a return visit. B.Aver'ianov. Sov.profsoiuzy 4 no.8:85-87 Ag '56.

RUSSIA—RELATIONS (GENERAL) WITH SYRIA

"Soviet-Arab friendship is as strong as Damascus steel." I.S.Senin. Nov.vrem. 14 no.40:23-25 S '56.

RUSSIA—RELATIONS (GENERAL) WITH UNITED STATES

One view of the interrelation of American and Russian culture in the 19th century. M.P.Baskin, M.S.Ivanov. Vop.filos. no.4:56-64 '56.

RUSSIA—RELATIONS (GENERAL) WITH VIETNAM, NORTH

Vietnamese impressions; travel notes. Lkhasaran Linkhovoin. Svet nad Baik. no.4:112-121 Jl-Ag '56.

RUSSIA—REVOLUTION, 1917-1921

"Communist Youth League members went to fight the Civil War..." A.Bezymenskii. IUnost' no.10:101-103 O '56.

Exciting meeting. V.Mikhailovskii. Mol.komm. 14 no.8:77 Ag '56.

The history of the rout of Denikin's White Guard military forces. N.F.Kuz'min. Vop.ist. no.7: 18-32 Jl '56.

Kuz'min, N.F. [The Communist Party organized the defeat of the White Guard forces under Denikin] Kommunisticheskaia partiia - organizator razgroma belogvardeiskikh voisk Denikina. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no.30)

Preparations for the 40th anniversary of the Great October Socialist Revolution. Vop.ist. no.7:182-184 Jl '56.

S.M.Kirov at the battle fronts of the civil war (1918-1920). A.P.Kladt. Ist.arkh. no.4:39-81 Jl-Ag '56.

The significance of the Great October Socialist Revolution for the peoples of our country. S.Pokrovskii. Komm.Kazakh. 26 no.10:11-16 O '56.

RUSSIA—REVOLUTION OF 1905

Archive documents and materials on the influence of the first Russian revolution on Germany. A.I.Grinberg. Nauk.zap.Kiev.un. 14 no.8:111-119 '55.

Bodrov, M.P. [Military newspapers of the Bolsheviks during the first Russian revolution] Bol'shevistskie voennye gazety v gody pervoi russkoi revoliutsii. Moskva, Voen.izd-vo Ministerstva obor.SSSR, 1956. 172 p.

Bogutskaia, L.V. [Historical sketches of armed uprisings during the revolution of 1905-1907] Ocherki po istorii vooruzhennykh vosstanii v revoliutsii 1905-1907 gg. Pod red.A.M.Pankratovoi. Moskva, Gos.izd-vo polit. lit-ry, 1956. 213 p.

The first Russian revolution and democratic Iranian literature. M.Mubariz Ali-Zade. Uch.zap.AGU no.10:119-171 '55.

First Russian revolution and rise of the national liberation movement in Iran [in Azerbaijani with summary in Russian]. A.Dadashly. Uch.zap.AGU no.10:57-77 '55.

The first Russian revolution of 1905-1907 and the rise of the revolutionary movement in Europe. N.I.Pavlitskaia. Vest.Len.un. 11 no.14:5-21 '56.

Moscow. Institut marksizma-leninizma. [Leaflets of Bolshevik organizations issued during the first Russian revolution of 1905-1907; a collection in three parts] Listovki bol'shevistskikh organizatsii v pervoi russkoi revoliutsii 1905-1907 gg.; sbornik v trekh chastiakh. Moskva, Gos.izd-vo polit.lit-ry.
Pt. 2. [August-December 1905] Avgust-dekabr' 1956. 600 p.

Moscow. Muzei revoliutsii SSSR. [Exhibition on the fiftieth anniversary of the first Russian revolution; guidebook and catalog] Vystavka pial'desiat let pervoi russkoi revoliutsii; putevoditel' i katalog. Moskva, 1956. 124 p., illus.

The proletariat was the leader and principal motive force of the first Russian revolution. IU.IA.Bilan. Nauk. zap.Kiev.un. 14 no.6:5-18 '55.

The Russian Revolution of 1905-1907 was a model of revolutionary activity on the part of the masses. N.P. Nesterova. Izv.Otd.obshchestv.nauk AN Tadzh.SSR no.9:3-19 '56.

RUSSIA—RURAL CONDITIONS

Social and economic relations in Soviet rural areas on the eve of collectivization. V.P.Danilov. Ist.zap. no.56:89-138 '56.

RUSSIA—SOCIAL CONDITIONS

Thirty-eighth anniversary of the Great October Revolution. Voen.-med.zhur. no.10:3-9 O '55.

RUSSIA—SOCIAL LIFE AND CUSTOMS

Problems of ethnography and folk poetry in the Russian periodicals of the 1850's and 1860's (based on materials from "Sovremennik" and "Otechestvennye zapiski"). V.E.Gusev. Trudy Inst.etn. 30 no.1:235-261 '56.

Problems of ethnography and folklore in the last third of the 19th century. V.K.Sokolova. Trudy Inst.etn. 30 no.1:136-171 '56.

RUSSIA, NORTHERN—AMPHIBIA

Data on the amphibia and reptiles of northern European Russia. IU. I. Pashchenko. Nauk. zap. Kiev. un. 12 no. 3:91-94 '53.

RUSSIA, NORTHERN—CABBAGE

Effect of organomineral granules on cabbage yields in northern districts. E. M. TSvetaeva. Dokl. Akad. sel'-khoz. 21 no. 8:24-27 '56.

RUSSIA, NORTHERN—DRAGONFLIES

Data on the distribution of dragonflies in the North. K. B. Gorodkov. Ent. oboz. 35 no. 1:120-123 '56.

RUSSIA, NORTHERN—GEOGRAPHY, ECONOMIC

Tsarists "organizers" and interests in developing the North. D. M. Pinkhenson. Izv. Vses. geog. ob-va 88 no. 4:382-384 Jl-Ag '56.

RUSSIA, NORTHERN—MOSSES

Tetraphis trachypoda Kindb. in Europe in relation to the origin of boreal flora. A. S. Lazarenko. Nauk. zap. Kiev. un. 7 no. 6:41-46 '48.

RUSSIA, NORTHERN—NATIONALITIES

Revival and the development of the small nations in the Far North. S. L. Lutskii. Nauk. zap. L'viv. un. 28:117-121 '54.

RUSSIA, NORTHERN—REPTILES

Data on the amphibia and reptiles of northern European Russia. IU. I. Pashchenko. Nauk. zap. Kiev. un. 12 no. 3:91-94 '53.

RUSSIA, SOUTHERN—DESCRIPTION AND TRAVEL

Sokolov-Mikitov, I. S. [The green land] Zelenyi krai. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 157 p.

RUSSIA, SOUTHERN—FERTILIZERS AND MANURES

Effectiveness of fertilizers in southeastern districts. A. V. Peterburgskii and others. Izv. TSKhA no. 1:95-116 '56.

RUSSIA, SOUTHERN—SOILS

Some classification problems and characteristics of soils of the southeastern Chestnut subzone. N. P. Panov. Izv. TSKhA no. 1:135-142 '56.

RUSSIAN DRAMA

Young Leningrad dramatists. Teatr 17 no. 9:178 S '56.

RUSSIAN DRAMA—HISTORY AND CRITICISM

History of the struggle for a national Russian theater and drama in the 18th century. A. D. Orishin. Nauk. zap. L'viv. un. 24:101-120 '53.

Our play. K. Rudnitskii. Teatr 17 no. 8:70-78 Ag '56.

RUSSIAN LANGUAGE

"Aspects of the study of the Russian language; collection of linguistic articles." Reviewed by T. P. Lomtev. Vop. iaz. 5 no. 4:111-115 Jl-Ag '56.

Studies by W. K. Matthews on Russian and Old Church Slavic. T. V. Bulygina, D. N. Shmelev. Vop. iaz. 5 no. 4:115-118 Jl-Ag '56.

Unconjugated verb forms in Armenian and Russian. T. Danielian. Stud. nauch. sbor. ERPI no. 4:74-95 '56.

RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

Remizova, O.M., and M.L.Kaganova. [A reader for the second grade in auxiliary schools] Kniga dlia chtenila; dlia vtorogo klassa vspomogatel'nykh shkol, Izd. 3-e, Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 262 p.

RUSSIAN LANGUAGE—DIALECTS

Dialects of Russian migrants in the Armenian S. S. R.; phonetic system of the dialects of the Molokan settlers in Stepanavan District. S. B. Tosh'ian. Uch. zap. Erev. gos. russ. ped. inst. 4:227-258 '55.

Syntactical phenomena in the dialects of the southwestern and central provinces west of Moscow. I. B. Kuz'mina, E. V. Nemchenko. Dokl. i soob. Inst. iaz. no. 10:107-129 '56

RUSSIAN LANGUAGE—DICTIONARIES—FRENCH

Pototskaia, V. V. [Russian-French [and French-Russian] dictionary] Russko-frantsuzskii [frantsuzsko-russkii] slovar', Izd. 6-oe. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei,

Vol. 1. [Russian-French dictionary] Russko-frantsuzskii slovar'. 1955.

Vol. 2. [French-Fussian dictionary] Frantsuzsko-russkii slovar'. 1955.

(CLU)

RUSSIAN LANGUAGE—DICTIONARIES—POLISH

Consideration of a Russian-Polish dictionary. Vop. iaz. 5 no. 4:154-157 Jl-Ag '56.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES—DICTIONARIES

"Dictionary of foreign words." Reviewed by B. Kazanskii. Vop. iaz. 5 no. 4:118-122 Jl-Ag '56.

RUSSIAN LANGUAGE—GENDER

Category of gender in modern Russian. R. L. Melkumian. Uch. zap. Eriv. gos. russ. ped. inst. 5:119-135 '55.

RUSSIAN LANGUAGE—GLOSSARIES, VOCABULARIES, ETC.

[French-Russian phrase book] Guide parlé français-russe. 2me edition. Moscou, Éditions en langues étrangères, 1956. 170 p.

L'perin, A. A. [Why we speak as we do] Pochemu my tak govorim. Barnaul, Altaiskoe kn-vo, 1956. 46 p.

RUSSIAN LANGUAGE—GRAMMAR

Bedniakov, A.S. [Russian language; a textbook for students in the second grade of Korean schools] Russkii iazyk; uchebnik dlia uchashchikhsia 2-go klassa koreiskikh shkol. Izd. 2-oe, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 271 p.

Category of being in the modern Russian language. T. P. Malyna. Nauk. zap. Kiev. un. 14 no. 2:137-144 '55.

RUSSIAN LANGUAGE—HISTORY

Compound coordinated sentences in Old Russian documents. V. I. Borkovskii. Dokl. i soob. Inst. iaz. no. 10:84-106 '56.

Verb formations by means of prefixes in documents of Russian literature in the second half of the 17th century. E. N. Khlebnikova-Prokopovich. Dokl. i soob. Inst. iaz. no. 10:130-155 '56.

RUSSIAN LANGUAGE—ORTHOGRAPHY AND SPELLING

New rules for uniform orthography. K. Bylinskii. Sov. pech. no. 9:37 S '56.

The role of semantic comprehension of language in mastering orthography. D. N. Bogoiavlenskii, V. N. Odintsova. Izv. Akad. ped. nauk RSFSR no. 78:101-140 '56.

RUSSIAN LANGUAGE—PHONETICS

I. I. TSukerman's article "Teaching Russian phonetics to Lithuanians." V. A. Vaitkevicliute. Vop. iaz. 5 no. 4:96-98 Jl-Ag '56.

Krishtopa, V.M., and Kim Yon-Bok. [Grammar of the Russian language; a textbook for classes 5 and 6 of Korean schools] Grammatika russkogo iazyka; uchebnik dlia 5 i 6 klassov koreiskikh shkol. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR.

Pt. 1. (Phonetics and morphology] Fonetika i morphologila. 1956. 291 p.

RUSSIAN LANGUAGE—PRONUNCIATION

Brasol, B. L. [Russian pronunciation; a phonological study] O russkom proiznoshenil; fonologicheskaia spravka. N'iu-fork, Izd. Ob-va im. A. S. Pushkina v Amerike, 1956. 12 p.

(MH)

RUSSIAN LANGUAGE—PUNCTUATION

New rules for uniform orthography. K. Bylinskii. Sov. pech. no. 9:37 S '56.

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Armenia; Kirghizistan)

Development of the written language in students of classes 3-7. N. I. Zhinkin. Izv. Akad. ped. nauk RSFSR no. 78:141-250 '56.

Improve the teaching of Russian in non-Russian schools. Sov. pedag. 20 no. 8:118-120 Ag '56.

Nikanorova, E. I. [Method of conducting dictionary work in a course on the history of the ancient world] Metodika slovarnoi raboty v kurse istorii drevnego mira; iz opyta raboty. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 38 p.

Ushakov, M. V. [Study of mistakes as a means of improving students' writing; a practical method] Rabota nad oshibkami kak sredstvo podniatila gramotnosti uchashchikhsia; metodicheskoe pis'mo. Izd. 2-oe, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 28 p.

RUSSIAN LANGUAGE—SYNTAX

Bokarev, E.A., N.V.Bokareva, and Ch'oe Yon-Se. [Grammar of the Russian language; a textbook for students in the seventh grade of the Korean schools of the R.S.F.S.R. Grammatika russkogo iazyka; uchebnik dlia uchashchikhsia VII klassa koreiskikh shkol RSFSR. Izd. 2-oe, Moskva Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR.

Pt. 2. [Syntax] Sintaksis. 1956. 186 p.

Psychological principles of the differentiation by students of the main types of a simple sentence. A. M. Orlova. Izv. Akad. ped. nauk RSFSR no. 76:7-62 '56.

RUSSIAN LANGUAGE—VERB

Psychology of mastering the concept of the mood of verbs. N. P. Forster. Izv. Akad. ped. nauk RSFSR no. 78:63-82 '56.

Some distinctions in the use of verbal aspects. I. A. Kalinin. Uch. zap. GGPI 10:188-201 '55.

RUSSIAN LANGUAGE—WORD FORMATION

The limits between word formation and affixation. V. P. Grigor'ev. Vop. iaz. 6 no. 4:36-52 Jl-Ag '56.

RUSSIAN LANGUAGE—WORDS—HISTORY

Some more material on "zegzitsa" in Old Russian. S. I. Kotkov. Dokl. i soob. Inst. iaz. no. 10:81-83 '56.

Where words come from. I. Urazov. Ogonek 34 30:32 S '56.

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—COLLECTIONS

[Stories by writers from the Volga region] Rasskazy pisatelei-volzhan. [Kuibyshev] Kuibyshevskoe kn-vo, 1955. 264 p.

RUSSIAN LITERATURE—COMPOSITION AND EXERCISES

Tekuchev, A.V. [A collection of Russian dictations for classes 8-10 in non-Russian schools; a manual for teachers of Russian] Sbornik diktantov po russkomu iazyku v VIII-X klassakh natsional'nykh shkol; posobie dlia prepodavatelei russkogo iazyka. Izd. 3-e, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 183 p.

RUSSIAN LITERATURE—HISTORY AND CRITICISM
(see also subdivision under Kazakhstan)

Basic composition features of Soviet military tales dating from the Great Patriotic War. A. N. Orfanova. Uch. zap. GGPI 10:103-125 '55.

Creative ties between Bulgarian and Soviet literary criticism. Khristo Dudevski. Slaviane no. 9:39-42 S '56.

Entrance into life. V. Soifer. Mol. Len.; al'm. 255-261 '56.

General assembly of the Section of Literature and Language of the Academy of Sciences of the U. S. S. R. dedicated to the 50th anniversary of the Pushkin House. I. Z. Serman. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4: 384-387 Jl-Ag '56.

Juliusz Słowacki and Russian literature. S. I. Lovinskaia. Nauk. zap. Kiev. un. 14 no. 1:273-287 '55.

Literary language and writers. V. Petushkov. Zvezda no. 10:162-171 O '56.

Mikhail Ivanovich Kalinin and some problems in literature. M. P. Konyshanchenko. Nauk. zap. Kiev. un. 14 no. 1:23-35 '55.

More about the typical. A. Iezuitov. Zvezda no. 10:156-161 O '56.

Problem of the relationship between the older and the younger generations in the 17th century Russian tales. S. Tonian. Stud. nauch. sbor. ERPI no. 4:60-73 '56.

Some aspects of the development of realism in 19th century Russian literature. B. I. Aleksandrov. Uch. zap. GGPI 16:3-33 '56.

The Soviet epic; questions concerning a genre. L. IAkimenko. Zvezda no. 8:140-155 Ag '56.

RUSSIAN LITERATURE—STUDY AND TEACHING

Akademila pedagogicheskikh nauk RSFSR, Moscow. Institut khudozhestvennogo vospitanila. [Literature in the elementary schools; experience with outside reading] Khudozhestvennaia literatura v nachal'noi shkole; opyt vneklassnoi raboty. Pod red. E. G. Savchenko. Moskva, 1956. 241 p.

Overcome the effects of the cult of the individual in the teaching of history and literature in the school. A. T. Klnkul'kin, N. D. Moldavskaia, N. I. Prokof'ev. Sov. pedag. 20 no. 9:19-30 S '56.

RUSSIAN NEWSPAPERS

Bodrov, M. P. [Military newspapers of the Bolsheviks during the first Russian revolution] Bol'shevistskie voennye gazety v gody pervoi russkoi revoliutsii. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 172 p.

The editorial plan. P. Zhukov. Sov. pech. no. 9:24-25 S '56.

The Leninist "Iskra" and its role in the struggle to create a Marxist party. D. N. Shcherbakov. Pratsi Od. un. 145:5-20 '56.

Letters to the editor. Sov. pech. no. 9:55-56 S '56.

RUSSIAN NEWSPAPERS (Continued)
Remember the main thing! Sov. pech. no. 9:1-3 S '56.
A review of newspapers. Sov. pech. no. 9:12-19 S '56.
"Steps have been taken..." Part. zhizn' no. 14:42-44 Jl '56.

RUSSIAN NEWSPAPERS—INDEXES
[Chronicle of newspaper articles.] Letopis' gazetnykh statei nos. 45, 47 '56.
[Chronicle of newspaper articles.] Letopis' gazetnykh statei nos. 46, 48 '56; Index, Jl-S '56.

RUSSIAN PERIODICALS
V. G. Korolenko on the editorial board of "Severnyi Vestnik" and "Russkaia Mysl'." B. D. Letov. Vest. Len. un. 11 no. 14:111-117 '56.

RUSSIAN PERIODICALS—INDEXES
[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos. 45-48 '56.

RUSSIAN PLATFORM—CARBONATE (MINERALOGY)
Study of the oldest carbonate rocks of the Russian Platform (according to date of deep-hole drilling). M. M. Veselovskaia. Dokl. AN SSSR 109 no. 3:604-606 Jl '56.

RUSSIAN PLATFORM—COAL GEOLOGY
New coal-bearing regions in the eastern part of the Russian Platform. N. I. Markovskii. Dokl. AN SSSR 108 no. 6:1148-1151 Je '56.

RUSSIAN PLATFORM—DIABASE
Some new data on the rocks of the diabasic formation in the east of the Russian Platform. A. M. Dymkin, L. F. Solontsov, S. S. Eltern. Dokl. AN SSSR 109 no. 1:173-175 Jl-Ag '56.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC
New data on the Pashiisk Series. V. A. Balaev, N. P. Egorova. Dokl. AN SSSR 108 no. 5:910-912 Je '56.

RUSSIAN PLATFORM—MEERSCHAUM
New finds of α-sepiolites in the Carboniferous of the Russian Platform. M. A. Rateev, D. D. Kotel'nikov. Dokl. AN SSSR 109 no. 1:191-194 Jl-Ag '56.

RUSSIAN POETRY—HISTORY AND CRITICISM
Artistic design and poetical detail; notes on craftsmanship. K. Chistov. Na rub. 17 no. 4:104-160 Jl-Ag '56.
First meeting with a critic. A. Iezuitov. Mol. Len.; al'm. 284-287 '56.
Genre of the "Tale of Igor's expedition." A. A. Nazarevskii. Nauk. zap. Kiev. un. 14 no. 1:113-144 '55.
Poetry and realism. Ark. El'tashevich. Zvezda no. 6: 156-168 Ag '56.
Why is it bad? An article. Vladimir Liubovisev. Al'm. Mol. gvard. no. 16:295-316 '56.

RUSSIAN POETRY—TRANSLATIONS
[From European poets of the 16-19th centuries. Translations by V. Levik] Iz evropeiskikh poetov XVI-XIX v.v. Perevody V. Levika. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 464 p.

RUSSIAN POETRY—TRANSLATIONS INTO UKRAINIAN
Franko as the translator of Russian poets. Andrii Kulinich. Vitchyzna 24 no. 9:124-130 S '56.

RUSSIAN REFUGEES see Refugees, Russian

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Odessa)
History of the Bolsheviks' struggle against international opportunism at the time of preparations for the Third Congress of the Russian Social Democratic Party. A. S. Zashkil'niak. Nauk. zap. L'viv. un. 36:5-11 '56.
The Leninist "Iskra" and its role in the struggle to create a Marxist party. D. N. Shcherbakov. Pratsi Od. un. 145:5-20 '56.
The Moscow military-technical bureau of the Russian Social Democratic Workers Party (1906-1907). O. A. Ivanova. Ist. zap. no. 55:210-252 '56.

RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES
(see also subdivision under Prague)
Second Congress of the Russian Social Democratic Party. IA. M. Shternshtein. Pratsi Od. un. 145:21-39 '56.

RUSSIAN WOLFHOUNDS
Long-haired borzois of the central zone. V. Kazanskii. Okh. i okh. khoz. no. 9:36-37 S '56.

RUSSIANS—HISTORY see subdivision under Hawaiian Islands

RUST see Corrosion and anticorrosives; Steel—Corrosion

RUST (BOTANY) see Uredineae

RUSTAM, SULEIMAN
On Suleiman Rustam's 50th birthday. Lit. Azerb. 14 no. 10:7 O '56.

RUZHICHNA DISTRICT—MACHINE-TRACTOR STATIONS
The first children's machine-tractor station in the Ukraine. I. Anokhin. Zmina no. 8:19 Ag '56.

RYBNOYE LAKE—ALGAE
Algae in Rybnoye Lake and in waters near to Maloye Rybnoye Lake in the vicinity of the city of Brovary. I. A. Frolova-Rauvskaia. Nauk. zap. Kiev. un. 12 no. 7:127-152 '53.

RYE
(see also subdivision under Tien Shan)
Baking quality of bread and bolted rye flour and methods for determining it. V. A. Mys'kov, L. IA. Auerman. Trudy MTIPP 4:22-33 '56.
Determining the baking quality of purified whole rye flour by the electroconductivity of the water-flour suspension. L. IA. Auerman, G. D. Maslikhova, IA. G. Ostrovskii. Trudy MTIPP 4:19-21 '56.
Effect of different methods of fertilization on the percentage of set seed and the viability of hybrid progeny of winter rye. K. P. Garina. Izv. AN SSSR. Ser. biol. no. 4:58-66 Jl-Ag '56.
Improving the baking quality of germinated rye by drying. I. I. Liushinskaia, L. IA. Auerman. Trudy MTIPP 4: 34-43 '56.
Kashirina, A.V. - [Winter rye is a valuable feed for sheep.] Ozimaia rozh' - tsennyi korm dlia ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

RYE—DISEASES AND PESTS
Presowing treatment of rye against stem smut. Z. S. Kasperovich, G. M. Shkurenko. Zashch. rast. ot vred. i bol. 1 no. 3:29-31 Jl-Ag '56.

RYE—VARIETIES see subdivision under Moldavia

RYE GRASS
Study of the biological heterogeneity of French rye grass populations. A. P. Shennikov. Vest. Len. un. 11 no. 15: 5-17 '56.

SABLES
(see also subdivision under Siberia)
How sables multiply and what they feed on under natural conditions. V. Zaleker. Okh. i okh. khoz. no. 8:25-26 Ag '56.
Materials on the reproduction and age of sables under natural conditions. V. L. Zaleker. Trudy VNIO no. 10:122-144 '50.

SACROCOCCYGEAL REGION—TUMORS
A case of cancer of the retrorectal region [with summary in English]. T. A. Kadoshchuk. Vop. onk. 2 no. 3:360-361 '56.

SAFETY, INDUSTRIAL see Industrial safety

SAINFOIN see subdivision under Kuban

SAKHALIN—BORING
Boreholes of large diameter. B. Katanov. Mast. ugl. 5 no. 9:14 S '56.

SAKHALIN—DESCRIPTION AND TRAVEL
Osipov, I. Z. [Sakhalin notes] Sakhalinskie zapisi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 285 p.

SAKHALIN—LEPTOSPIROSIS
Leptospirosis in cattle on Sakhalin. I. S. Bezdenezhnykh, N. I. Kashanova. Zhur. mikrobiol. epid. i immun. 27 no. 9:60-63 S '56.

SAKHALIN—PHOSPHORITES
Phosphorites in the Tertiary deposits of Sakhalin. N. G. Bradskaia, A. V. Solov'ev. Dokl. AN SSSR 109 no. 4:838-841 Ag '56.

SAKHALIN PROVINCE—SYRPHUS FLIES
New species of syrphus flies (Diptera, Syrphidae) from Sakhalin Province [with summary in German]. N. A. Violovich. Ent. oboz. 35 no. 2:462-472 '56.

SAKSAGAN VALLEY—IRON ORES
Oxidation zone in the northern section of the Saksagan region of the Krivoy Rog Basin. N. P. Grechishnikov. Izv. AN SSSR. Ser. geol. 21 no. 7:85-89 Jl '56.

SALAMANDERS see subdivision under Carpathian Mountains

SALARY ADVANCES see Wages—Advances

SALES, CONDITIONAL
Rental centers require assistance. M. Moro. Prom. koop. no. 9:24-25 S '56.

SALES TAX
Collection of the turnover tax and accounting for goods sold. A. Shevedskii. Bukhg. uchet 16 no. 8:51-56 Ag '56.

SALICYLATES
Complex salicylates of certain metals. Part 2. O. E. Zviagintsev, B. N. Sudarikov. Zhur. neorg. khim. 1 no. 1:69-75 [Jan.] '56.

SALICYLIC ACID
Study of the reaction of salicylic acid in presence of sodium nitrate with salts of certain metals. L. M. Kul'berg, A. G. Kovaleva. Zhur. neorg. khim. 1 no. 5:958-963 My '56.

SALINE INJECTIONS see Injections, Saline

SALINE SOILS see Alkali lands

SALINE WATERS
Thermal differentiation in salt water lakes. V. V. Egorov. Priroda 45 no. 9:114-115 S '56.

SALIVA
Regularities in the secretion of inorganic substances in the saliva of dogs. A. I. Emchenko. Nauk. zap. Kiev. un. 8 no. 7:171-211 '50 [i.e. '49].

SALMON
Role of deep-sea organisms in the nutrition of Oncorhynchus. L. D. Andrievskaia, B. M. Mednikov. Dokl. AN SSSR 109 no. 2:387-388 Jl '56.

SALMONELLA
Activity of respiration and fermentation in cultures regenerating from filtrates of Bacterium Breslau. O. IA. Rashba. Mikrobiol. zhur. 18 no. 3:30-36 '56.

SALMONELLA PARATYPHI
Cytochemical investigation of polysaccharides in the typhoid-paratyphoid group of bacteria. B. I. Rukavtsov, M. G. Shubich. Zhur. mikrobiol., epid. i immun. 27 no. 8:72-76 Ag '56.

SALMONELLA TYPHOSA
Effect of ultraviolet radiation on the longevity of the typhoid bacillus in reservoir water. S. A. Dreizin. Gig. i san. 21 no. 9:95 S '56.
Longevity of the typhoid fever bacillus in tap water. S. A. Dreizin. Gig. i san. 21 no. 9:95 S '56.

SALOL
Effect of aspirin and salol on the secretion of a healthy gastro-intestinal tract and in experimental fever. V. B. Isachenko. Farm. i toks. 19 no. 4:24-26 Jl-Ag '56.

SALONIKA—FAIRS
At the international Fair in Salonika. D. V. Pavlov. Nov. vrem. 14 no. 41:24-26 O '56.

SALT
A study of the physiological properties of plasmolysed yeast upon storage [with English summary in insert]. V. D. Roshchina. Mikrobiologiia 25 no. 4:489-496 Jl-Ag '56.

SALT—PHYSIOLOGICAL EFFECT
Measures for preventing salt poisoning. S. I. Vishniakov. Svinovodstvo no. 5:40-41 Jl '56.
Variation in interoceptive salt reflexes accompanying additional salt supply to the organism. I. P. Nikitina. Dokl. AN SSSR 109 no. 3:661-664 Jl '56.

SALTPETER
Practical use of nitrifying bacteria in the 17th century. A. A. Imshenetskii. Mikrobiologiia 25 no. 3:370-378 My-Je '56.

SALTS
Determination of eutectic temperatures for water - salt systems by means of contact fusion. V. B. Chernogorenko. Zhur. neorg. khim. 1 no. 2:317-322 F '56.
Equilibrium diagrams of systems NaCl — $H_2O$, $Na_2SO_4$ — $H_2O$, $CaSO_4$ — $H_2O$ and $SiO_2$ — $H_2O$. M. A. Styrikovich, I. Kh. Khalbullin. Dokl. AN SSSR 109 no. 5:982-985 Ag '56.
Intensity of the adsorption-interference evaporation of ionized salts. M. M. Tymoshyk. Dop. ta pov. L'viv. un. no. 5, pt. 2:80-82 '55.
Reaction equilibrium for the formation of thio salts of tin, antimony, and arsenic in a solution. A. K. Babko, G. S. Lisetskaia. Zhur. neorg. khim. 1 no. 5:969-980 My '56.
Technical methods in the production of mineral salts. B. D. Mel'nik. Khim. prom. no. 4:103-106 Je '56.

SALTS—PHYSIOLOGICAL EFFECT
Effect of NaCl, KCl, $CaCl_2$ salts on the electromotive properties of nerves. P. D. Kharchenko. Nauk. zap. Kiev. un. 8 no. 7:213-216 '50 [i.e. '49].

SALTS, DOUBLE
Dissociation of double salts: $KCl \cdot ZnSO_4$, $KBr \cdot ZnSO_4$, $PbF_2 PbCl_2$, and $KCl \cdot MgCl_2$ during fusion. V. IA. Anosov, N. N. Patsukova. Zhur. neorg. khim. 1 no. 6:1223-1237 Je '56.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889
The problem of the people's revolution in M. E. Saltykov-Shchedrin's tales of the second half of the 1880's. S. P. Solov'ev. Uch. zap. Ped. inst. Gerts. 120:71-91 '55.

SALVARSAN
Condition of the neurovascular system during syphilis with salvarsan complications. T. V. Vasil'ev. Vest. ven. i derm. 30 no. 4:25-29 Jl-Ag '56.

SAMARKAND PROVINCE—MALARIA
Liquidation of a permanent focus of gustidian malaria in rice-growing zones of Samarkand Province region. Med. paraz. i paraz. bol. 25 no. 3:263-266 Jl-S '56.

SAMARKAND PROVINCE—SHEEP—DISEASES
Infectious vaginitis in sheep. A. A. Pokudin, N. G. Shakhotin. Veterinariia 33 no. 10:57-59 O '56.

SAMOILOV, IVAN IVANOVICH, 1888-
"Rank and file of the proletarian order." A. L. Dymshits. Uch. zap. Ped. inst. Gertsa. 120:243-247 '55.

SAMOYEDS
The Nentsi of European Russia at the end of the 17th and beginning of the 18th century. E. I. Kolycheva. Sov. etn. no. 2:76-88 '56.

SAMPLING
Mechanical sampling device. N. S. Lysenko. TSvet. met. 29 no. 8:78 Ag '56.

Remote control of gas sampling along the radius of the shaft top. L. IA. Shparber. Metallurg no. 9:35-36 S '56.

SAMPLING OF ORES see Ores—Sampling and estimation

SAN DOMINGO—REVOLUTION, 1791-1804
The revolution of Negro slaves on the island of San Domingo, Haiti in 1791-1803. L. IU. Slezkin. Uch. zap. po nov. i noeish. ist. no. 2:134-206 '56.

SAN JOSÉ SCALE
Mercaptophos against the San Jose scale. A. V. Ivanchenko. Zashch. rast. ot vred. i bol. 1 no. 2:56 My-Je '56.

SAN MARINO—DESCRIPTION AND TRAVEL
The smallest and the oldest. A. Al'chevskii. Vokrug sveta no. 8:40-42 Ag '56.

SANATORIUMS
By the permits of the producers' cooperative insurance council. P. Karas'. Prom. koop. no. 8:37 Ag '56.

The practice of standard designing of sanatoriums. G. Vinogradov. Arkhit. SSSR no. 8:13-16 '56.

Ways of reducing the cost of building sanatoriums and rest homes. G. Kalinina, Z. Estrov. Arkhit. SSSR no. 8:10-12 '56.

SAND
(see also subdivision under Kara Kum; Panj Valley; Rovn Province)

Laboratory investigations of the characteristics of resistance of sand to shear. N. N. Sidorov. Trudy TSNIIS no. 18:53-84 '56.

Using a hydraulic ore concentrator for washing and grading gravel and sand. A. A. Zagriazhskii. Gidr. stroi. 25 no. 8:10-14 S '56.

SAND, FOUNDRY
Effect of the compactness of mold packing on sand scale formation on steel castings. D. I. Los'kov. Trudy Ural. politekh. inst. no. 60:125-134 '56.

SAND, GEORGE, 1804-1876
From George Sand's social and political writings in the 1840's. E. Shvartsman. Nauk. zap. L'viv. un. 30:66-75

SANDSTONE
Mechanization in a sandstone pit. Strot. mat., izdel. i konstr. 2 no. 8:10 Ag '56.

SANITARY ENGINEERING
Against propaganda of technical backwardness in city sanitary engineering ("Sanitary engineering for populated places." D. B. Piguta. Reviewed by N. F. Gulisev). Gor. khoz. Mosk. 30 no. 7:36-37 Jl '56.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

ĭGINEERING—STANDARDS
dards. Vod. i san. tekh. no. 9:29-31 S '56.

OOKSELLERS AND BOOKSELLING
ıe 10th grade of book-trade schools should bookselling. T. Pchelintseva, K. Ovchinnikniżh. torg. no. 8:7 S '56.

JILDING TRADES—STUDY AND TEACH-
the experience of advanced builders. v. Prof. tekh. obr. 13 no. 7:12-14 Jl '56.

BROIDERY
work embroidery. B. Purkin. Prom. koop. '56.

RNITURE INDUSTRY
liture with color lacquer. N. E. Sorokina. 5 no. 9:20 S '56.

W—STUDY AND TEACHING
ference at the Saratov Law Institute. A. F. Sov. gos. i pravo no. 4:134 '56.

SARATOV—MOTION-PICTURE PROJECTION—STUDY AND TEACHING
Teaching aids in the Saratov School for Motion-Picture Operators. A. Sidorov. Kinomekhanik no. 9:33-36 S '56.

SARATOV—MOTION-PICTURE PROJECTORS
Answer of the Saratov factory. Kinomekhanik no. 9:32 S '56.

SARATOV PROVINCE—MOSQUITOES
New data on bloodsucking mosquitoes (Diptera, Culicidae) of Saratov Province. E. V. Potulova. Ent. obozr. 35 no. 1:130-131 '56.

SARATOV PROVINCE—SPORTS
In the Volga region steppes. Boris Turov. Mol. kolkh. 23 no. 8:18 Ag '56.

SARCOMA see Tumors

SAR'IAN, MARTIROS SERGEEVICH, 1881-
Martiros Sar'ian's paintings. K. Sitnik. Iskusstvo 19 no. 5:24-30 '56.

SARIWON, KOREA—TRACTORS—REPAIRING
Building a tractor repair plant. Inform. biul. Dep. kul't sv. s zagr. Min. kul't. 1 prop. KNDR 4 no. 32:5 Ag '56.

SATELLITES—JUPITER
Orbit of the small planet 1036 Ganymede. Part 2. I. I. Putilin. Nauk. zap. Kiev. un. 8 no. 4:111-138 '49.
Orbit of the small planet 1036 Ganymede. Part 3. Secular disturbances from Saturn. I. I. Putilin. Nauk. zap. Kiev. un. 9 no. 9:79-81 '50.

SATIE, ERIK, 1866-1925
Should Erik Satie be taken seriously? Teddy Shemla. V zashch. mira no. 64:31-35 S '56.

SATIRE
"Border incident." P. Karpenko. Sov. pech. no. 9:27-28 S '56.

Comrade laughter. Dm. Moldavskii. Zvezda no. 8:169-179 Ag '56.
Help young satirists. P. Buturlakin. Sov. pech. no. 9: 26-27 S '56.
Militant weapon. P. Gerasimenko. Sov. pech. no. 9: 26 S '56.
Reading satirical verse; from a diary. A. Bezymenskii. Zvezda. no. 10:144-155 O '56.

SATIRE, UKRAINIAN—HISTORY AND CRITICISM
Artistry of satirists and humorists. Ivan Doroshenko. Zhovten' 6 no. 10:93-104 O '56.

SATIRE, WHITE RUSSIAN
White Russian satiric literature during the Great Patriotic War. D. Bahrova. Polymia 34 no. 9:128-137 S '56.

SATURN
Orbit of the small planet 1036 Ganymede. Part 3. Secular disturbances from Saturn. I. I. Putilin. Nauk. zap. Kiev. un. 9 no. 9:79-81 '50.

SAUDI ARABIA—MILITARY BASES, AMERICAN
Saudi Arabia and the American base. Mezhdunar. zhizn' no. 9:117-119 S '56.

SAUMA, RABBON, d. 1293
The history of Mar Yahb-alaha and Sauma. N. V. Pigulevskaia. Palest. sbor. no. 2:97-108 '56.

SAUSAGES
Duration of salting period in production of boiled sausages. L. Lavrova and others. Mias. ind. SSSR 27 no. 4:24-29 '56.
Rapid method for determining moisture content in sausages. B. Krasil'shchikov. Mias. ind. SSSR 27 no. 4:50-51 '56.

SAVINGS BANKS
With the help of an activist group. M. Sorokin. Fin. SSSR 17 no. 9:77-78 S '56.

SAVITSKII, VL.
People in military work ("People of the main line of resistance." Vl. Savitskii. Reviewed by T. Il'ina). Voen. znan. 31 no. 6:31 Je '56.

SAW FILING
Apparatus for studying the efforts of filers. O. D. Kuznetsov, A. M. Volkov. Gig. i san. 21 no. 9:71-73 '56.

New supports for fattening. V. F. Fonkin, I. V. Koziov. Der. prom. 5 no. 9:23 S '56.

SAWFLIES see subdivision under Kiev

SAWS
Increasing the productivity of circular rip saws. A. L. Bershadskii, K. F. Gusev. Der. prom. 5 no. 9:6-8 S '56.

Peening circular saws. S. M. Khasdan. Der. prom. 5 no. 9:15-17 S '56.

Suggestions for greater efficiency. Sel'. strol. 11 no. 9: 26 Ag '56.

Two-cutter saw for veneer cutting. V. M. Roitman, G. A. Il'iashenko. Der. prom. 5 no. 8:15 Ag '56.

Using stationary units for bucking tree-length logs. S. I. Rakhmanov. Les. prom. 34 no. 9:13-14 S '56.

SAWS—SAFETY APPLIANCES
Safety guards for swing saws. V. I. Zarnitsyn. Der. pr 5 no. 8:21 Ag '56.

SAYAN MOUNTAINS—GROUSE
Cedar nuts as food of hazel-grouses. G. I. Konev. Prir da 45 no. 9:115-116 S '56.

SAYAN MOUNTAINS—PASTURES AND MEADOWS
Alpine meadows in the Sayan Mountains. S. I. Gluzdakov. Vest. Mosk. un. 11 no. 5:103-113 My '56.

SCAB DISEASE IN SHEEP
Orlov, N.P. [Let us get rid of sheep scab] Likvidiruem chesotku ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)

SCAFFOLDING
Movable telescopic scaffolds for painting. P. Vladimirov Arkhit. i bud. 4 no. 4:8 Jl-Ag '56.

SCALDS see Burns and scalds

SCALE INSECTS
(see also subdivision under Abkhazia; Georgia; Korea)
Combined method for combating the soft pseudo scale Coccus hesperidum L. R. A. Bethutov. Dokl. AN Azerb. SSR 12 no. 9:601-604 '56.
Hyperaspis campestris Herbst (Coleoptera, Coccinellidae) predator of the elongated scale insect Chloropulvinaria flocciferа Westw. (Homoptera, Coccoidea). N. L. Bogdanova. Ent. oboz. 35 no. 2:311-323 '56.
Survey of Palaearctic scale insects of the genus Eriopeltis Sign. (Homoptera, Coccoidea) [with summary in English]. N. S. Borkhsenius. Ent. oboz. 35 no. 2:397-420 '56.

SCALE INSECTS—PARASITES see Parasites—Scale insects

SCALES (WEIGHING INSTRUMENTS)
AP-10 truck scales. G. Klimov. MTS 16 no. 9:36 S '56.

SCALP—DISEASES
Boric acid solutions for treating seborrhea of the scalp. M. I. Polilov, G. L. Mezentseva, A. A. Votrova. Vest. ven. i derm. 30 no. 4:66 Jl-Ag '56.
Modified postepilatory treatment in fungus diseases. B. D. Pletnev, T. A. Butareva. Vest. ven. i derm. 30 no. 4:53 Jl-Ag '56.
Treating mycoses of the scalp with "Lesovaia" liquids nos. 1 and 2 without using X rays. Report no. 2. M. I. Mel'nik and others. Vest. ven. i derm. 30 no. 4:52-53 Jl-Ag '56.

SCANDINAVIA—FOREIGN RELATIONS—GERMANY, WEST
The plagiarism of Herr Seebohm. Nov. vrem. 14 no. 37: 17-18 S '56.

SCANDINAVIA—SLAVIC STUDIES
Slavic studies in Denmark and the Scandinavian countries. A. Stender-Petersen. Slaviane no. 10:12-13 O '56.

SCARABAEIDAE
(see also subdivision under Kunaker)
Description of two species of scarabaeid larvae (Coleoptera, Scarabaeidae). S. I. Medvedev. Ent. oboz. 35 no. 1:148-151 '56.
Migration method of scarabaeid larvae (Coleoptera, Scarabaeidae) in the soil. V. I. Gusev, S. I. Antoniuk. Ent. oboz. 35 no. 1:56-60 '56.

SCARLET FEVER
Changes in the phagocytic activity of blood leucocytes in scarlet fever as affected by antireticular cytotoxic serum. V. N. Zhrzhoblova'ka. Fiziol. zhur. [Ukr.] 2 no. 3:123-130 My-Je '56.

Use of combined antibiotics in scarlet fever; experimental and clinical investigations. V. O. Koroleva. Antibiotiki 1 no. 3:28-31 My-Je '56.

SCENERY (STAGE) see Motion pictures—Setting and scenery

SCHEDULES, SCHOOL
Prolonged schedule groups. A. Anikin. Sem'ia i shkola 11 no. 9:14-15 S '56.

SCHIFF BASES
Research in the field of azomethine dyes derived from oxindole derivatives. Part 2. M. S. Kisteneva. Zhur. ob. khim. 26 no. 7:2019-2025 Jl '56.

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON, 1759-1805
"Schiller; the greatness and tragedy of a German genius" [in German]. Alexander Abusch. Reviewed by R. M. Samarin. Iav. AN SSSR. Otd. lit. i iaz. 15 no. 4:378-383 Jl-Ag '56.

Schiller's dramas. S. A. Sogomonian. Uch. zap. Erlv. gos. russ. ped. inst. 5:83-117 '55.

SCHISANDRA

Chemical investigation of the essential oil of Schisandra. F. T. Zapotyl'ko. Mat. k izuch. zhen'-shenia i lim. no. 2:97-99 '55.

Comparative strength of stimulation of conditioned reflex food leucocytosis by Ginseng, Schisandra, and pantocrin. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:120-123 '55.

Following I. P. Pavlov's teaching in the scientific study of the effect of Ginseng and Schisandra. I. I. Brekhman. Mat. k izuch. zhen'-shenia i lim. no. 2:7-12 '55.

Pharmacology of Schisandra. A. A. Lebedev. Mat. k. izuch. zhen'-shenia i lim. no. 2:178-188 '55.

Stimulating and tonic effect of Chinese magnoliavine and ginseng. A. A. Konstantinov. Vop. med. khim. 2 no. 4:287-293 Jl-Ag '56.

SCHISTOSOMIASIS see subdivision under Yangtze Valley

SCHIZOMYCETES

Case of water supply pollution by filamentous bacteria. L. S. Gurvich. Gig. i san. 21 no. 9:68 S '56.

SCHIZOPHRENIA

Cholinesterase activity and cholinergic reaction of blood in schizophrenia. D. O. Al'pern. Fiziol. zhur. [Ukr.] 2 no. 4:87-90 Jl-Ag '56.

Pathology of optic perception in schizophreniacs. M. S. Lebedinskii. Fiziol. zhur. [Ukr.] 2 no. 4:134-139 Jl-Ag '56.

SCHOLARSHIPS
(see also subdivision under Great Britain)

New system of awarding scholarships to students. Vest. vys. shkoly 14 no. 9:44 S '56.

SCHOOL CHILDREN

Regimen for students in connection with new study plans and programs. V. N. Ivanov. Gig. i san. 21 no. 9: 40-44 S '56.

SCHOOL DISCIPLINE

In a new school. E. G. Nikkel'. Zdorov'e 2 no. 9:9 S '56.

SCHOOL EXCURSIONS

Excursion to a machine calculating department. I. I. Zhuk. Mat. v shkole no. 5:51-52 S-O '56.

Experience in conducting an agricultural excursion. S. G. Litiuk. Mat. v shkole no. 5:52-54 S-O '56.

Industrial excursion experience. V. P. Lebedev. Mat. v shkole no. 5:49-51 S-O '56.

Industrial excursions for students of grades eight to ten. A. K. Artemov. Mat. v shkole no. 5:37-42 S-O '56.

Industrial excursions in the eighth class. E. P. Sakhno. Geog. v shkole 19 no. 4:53-56 Jl-Ag '56.

Regional study activity during the student's out-of-school time. E. V. Nachinkina. Geog. v shkole 19 no. 4:57-59 Jl-Ag '56.

Technical tours for mathematics classes. E. V. Kniazeva. Mat. v shkole no. 5:43-49 S-O '56.

SCHOOL GARDENS

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 9:72-73 S '56.

SCHOOL HYGIENE
(see also subdivision under Zelenchukskaya District)

The physiological basis for standardizing the schoolwork of students. IU. M. Pratusevich. Sov. pedag. 20 no. 9: 75-79 S '56.

Prophylactic disinfection of dishes in children's institutions. V. E. Pravo, L. I. Agafonova. Gig. i san. 21 no. 9:75-78 S '56.

SCHOOL HYGIENE—STUDY AND TEACHING

Practical studies in school hygiene in a pedagogical institute. D. G. Deviatka. Gig. i san. 21 no. 9:54-56 S '56.

SCHOOL MANAGEMENT AND ORGANIZATION

"Aspects of school administration." Reviewed by G. P. Dmitriev. Sov. pedag. 20 no. 8:106-108 Ag '56.

In a pedagogical seminar. A. Syroegin. Prof.-tekh. obr. 13 no. 9:27 S '56.

SCHOOL SCHEDULES see Schedules, School

SCHOOL SUPERVISION

The director and the teacher. A. Trofimov. Nar. obr. no. 9:53-57 S '56.

SCHOOLHOUSES
(see also subdivision under IUkhnov District; Moscow)

Designs for boarding schools. I. Padezhnov. Arkhit. SSSR no. 8:3-4 '56.

Experimental construction of a school from large slag-concrete blocks. B. Vedernikov, V. Popov. Arkhit. i bud. 4 no. 2:21-22 Mr-Ap '56.

A great and important business. V. Golovanov. Prof.-tekh. obr. 13 no. 8:25 Ag '56.

SCHOOLHOUSES—LIGHTING see subdivison under Smolensk

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

An attempt to provide study rooms. A. Shepelov. Nar. obr. no. 9:36-41 S '56.

SCIATIC NERVE

Investigating the proteins of various parts of the nervous system with the aid of electrophoresis on paper. N. M. Poliakova. Ukr. biokhim. zhur. 28 no. 3:286-295 '56.

SCIENCE
(see also subdivision under China; Turkmenistan)

Akademiia nauk SSSR. [General meeting of the Academy of sciences of the U.S.S.R. devoted to the observance of the thirtieth anniversary of the Great Socialist revolution] Obshchee sobranie Akademii nauk SSSR posviashchennoe tridtsatiletiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; doklady, 23 ottiabria - 2 noiabria 1947 goda. Moskva, 1948. 718 p.

Orlov, Vladimir. [Daring thought] O smeloi mysli. Izd. 3-e, dop. Moskva, Detgiz, 1954. 160 p. (Shkol'naia biblioteka)
(NN)

SCIENCE—ADDRESSES, ESSAYS, LECTURES

Seminars on scientific abstracts. Trudy Komi fil. AN SSSR no. 1:128 '53.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES see subdivision under Tiflis

SCIENCE—DICTIONARIES

Callaham, L. I. Russian-English technical and chemical dictionary. New York, John Wiley & Sons, Inc. [1956, 4th printing] 794 p.

SCIENCE—HISTORY

A Czechoslovak collection on the history of science and technology ("A collection of works on the history of the natural sciences and technology" [in Czech]. Reviewed by S. V. Shukhardin). Vop. ist. est. i tekh. no. 1:297-299 '56.

Zubov, V. P. [Historiography of the natural sciences in Russia; from the 18th to the middle of the 19th century] Istoriografiia estestvennykh nauk v Rossii; XVIII v. - pervaia polovina XIX v. Moskva, Izd-vo Akademii nauk SSSR, 1956. 576 p.

SCIENCE—PERIODICALS see subdivision under Ukraine

SCIENCE—STUDY AND TEACHING

Kuybyshevskaya oblast'. Institut usovershenstvovaniia uchitelei. [Experience in applied science instruction in the schools] Iz opyta politekhnicheskogo obuchenila v shkole. [Kuibyshev] Kuibyshevskoe kn-vo, 1954. 113 p.

SCIENCE—TERMINOLOGY

Problem of scientific and political terminology in the Komi language. M. A. Sakharova. Trudy Komi fil. AN SSSR no. 1:105-108 '53.

SCIENCE, POLITICAL see Political science

SCIENCE, SOCIAL see Sociology

SCIENCE AND RELIGION see Religion and science

SCIENCE AND STATE

Legal problems in the organization of scientific work in the U. S. S. R. G. I. Fed'kin. Sov. gos. i pravo no. 4:50-60 '56.

SCIENCES, SOCIAL see Social sciences

SCIENTIFIC EXCHANGES see Exchanges, Literary and scientific

SCIENTIFIC EXPEDITIONS
(see also subdivision under Meshchera)

Scientific expeditions of Moscow University. S. Moiseev. Vest. vys. shkoly 14 no. 9:27-33 S '56.

SCIENTIFIC RESEARCH see Research

SCLERODERMA

"Scleroderma." V. F. Saenko-Liubarskaia. Reviewed by P. Kozhevnikov. Vest. ven. i derm. 30 no. 4:91-92 Jl Ag '56.

SCORPIONFLIES see subdivision under Kiev

SCOTLAND—DAMS

Constructing prestressed reinforced concrete dams. Nov. tekh. i pered. op. v stroi. 16 no. 8:29-30 Ag '56.

SCOTLAND—RELATIONS (GENERAL) WITH RUSSIA

Auld lang syne. Peter Stone. Vsem. prof. dvizh. no. 8: 18-20 Ag '56.

On a return visit. B. Aver'ianov. Sov. profsoiuzy 4 no. 8:85-87 Ag '56.

SCOTLAND—TRADE UNIONS

Auld lang syne. Peter Stone. Vsem. prof. dvizh. no. 8: 18-20 Ag '56.

SCOTT, WALTER, 1771-1832

Realism in Walter Scott's novels. S. A. Orlov. Uch. zap. GGPI 16:126-167 '55.

SCOTTISH MUSIC see Music, Scottish

SCRAPERS

Increasing the annual output of scrapers. M. N. Ivanova, M. N. Rilov. Transp. stroi. 6 no. 7:20-24 Jl '56.

Mounted equipment for the D-222 scraper used in levelling. S. G. Gotsdiner. Biul. stroi. tekh. 13 no. 8: 25-26 Ag '56.

SCREENS

Production and installation of large-panel screens. I. Malboroda. Arkhit. i bud. 4 no. 2:16-18 Mr-Ap '56.

Soundproof panel screens from various building materials. V. Miakshyn. Arkhit. i bud. 4 no. 1:24-25 Ja-F '56.

SCREENS, MOTION-PICTURE see Motion-picture screens

SCREW CUTTING

Cutting lock threads. E. L. Markhasin, V. I. Biriukov. Trudy MNI no. 17:197-206 '56.

Damping the vibration in the vertical cutting of long threads. S. A. Suslov. Sel'khozmashina no. 8:29-31 Ag '56.

SCREW CUTTING—MEASUREMENT

Some errors in the three-wire technique used for the automatic control of screw cutting. G. G. Maksimovich. Nauch. zap. IMA AN URSR, Ser. avtom. i izm. tekh. 5:247-255 '55.

SCREW DRIVERS

A screw driver for spots hard to reach. B. G. Platetskii. Stan. i instr. 27 no. 7:44 Jl '56.

SCREW THREADS

Allowances for taper threads. M. K. Kovalev. Vest. mash. 36 no. 8:30-33 '56.

SCRUBBER (CHEMICAL TECHNOLOGY)

Installation and use of scrubbers. V. D. Dubinets. Elek. sta. 27 no. 7:49 Jl '56.

SCULPTURE, GREEK

"Attic sculpture from the seventh to the fifth century B. C." M. M. Kobylina. Reviewed by Jiří Frel. Vest. drev. ist. no. 2:74-82 '56.

SEA see Ocean

SEA BOTTOM see subdivision under Caspian Sea

SEA TRAVEL see Ocean travel

SEA WATER

Thermal analysis of sea water. V. M. Lavchenko. Zhur. neorg. khim. 1 no. 3:528-531 Mr '56.

SEA WATER—ANALYSIS

Correlations between ion concentrations in the water of open estuaries. A. M. Almazov. Dokl. AN SSSR 108 no. 6:833-835 Je '56.

SEALING (TECHNOLOGY)

Composition of "Penika" sealing compound. N. P. Katsinskii. Energetik 4 no. 8:30 Ag '56.

Use and repair of stuffing box gaskets. V. I. Nikolaev. Sudostroenie 22 no. 8:26-27 Ag '56.

SEALS (LAW)

The seal of Msitslav's charter. V. L. IAnin. Krat. soob. IIMK no. 65:42-48 '56.

SEAMANSHIP

New manual on seamanship. ("Seamanship" part 1, ed. I. I. Kirdan and others. Reviewed by M. Dorosinskii, A. IAskevich). Mor. flot 16 no. 9:30-32 S '56.

SEASHORE

Using "marked" sands for studying bottom drifting. V. S. Medvedev, N. A. Aibulatov. Izv. AN SSSR, Ser. geog. no. 4:99-102 Jl-Ag '56.

SEBACEOUS GLANDS—DISEASES

Boric acid solutions for treating seborrhea of the scalp. M. I. Polilov, G. L. Mezentseva, A. A. Votrova. Vest. ven. i derm. 30 no. 4:56 Jl-Ag '56.

SECHENOV, IVAN MIKHAILOVICH, 1829-1905

I. M. Sechenov and his ideas on the structure of the nervous system; on the 50th anniversary of his death. T. A. Grigor'eva. Arkh. anat., gist. i embr. 33 no. 2: 7-13 Ap-Je '56.

I. M. Sechenov in the Petersburg Academy of Medicine and Surgery. A. V. Lebedinskii. Vop. ist. est. i tekh. no. 1:82-97 '56.

SECONDARY EDUCATION see Education, Secondary

SECONDARY RECOVERY OF OIL

Methods for determining the economic effectiveness of secondary methods of oil recovery. M. M. Umanskii. Neft. khoz. 33 [i. e. 34] no. 8:4-7 S '56.

SECURITY, INTERNATIONAL

Biriukov, N. S. [For European security] Za evropeiskuiu bezopasnost', Moskva, Izd-vo "Znanie," 1956. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, no. 24)

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION AND DEPOSITION

Direct measuring methods for thickness of alluvial layers and sedimentation. A. S. Devdariani. Izv. AN SSSR, Ser. geog. no. 4:103-113 Jl-Ag '56.

Generalized formula for the speed of particle sedimentation in a non-moving liquid. N. P. Zrelov. Trudy gidrav. lab. VODGEO no. 4:119-163 '55.

SEED INDUSTRY
Every collective farm should have its own high-quality certified seeds. K. Nazarenko. Kolkh. proizv. 16 no.9:1-2 S '56.
Organize the production of meadow grass seeds. A. Sustov. Kolkh. proizv. 16 no. 9:23-24 S '56.
Plots for growing hemp seed. A. P. Demkin. Len. i konop. no. 4:30-33 Je '56.

SEEDLINGS
Effect of fossil organic matter of petroleum origin on the growth and development of tree seedlings. B. Z. Guseinov. Dokl. AN Azerb. SSR 12 no. 7:519-523 '56.

SEEDS—DISINFECTION
Effect of disinfectants on nodule bacteria in connection with the treatment of seeds with nitfying bacteria. P. K. Lampovshchikov. Ud. i ur. 1 no. 8:18-26 Ag '56.
Field test results of the effectiveness of treating cabbage seeds with "Bacterol A" preparation. K. H. Bel'tiukova, M. D. Kulikova'ka. Mikrobiol. zhur. 18 no. 3: 45-47 '56.

SEEDS—GERMINATION see Germination

SEEDS—STORAGE
Storing fruit seeds and preparing them for seeding. V. F. Efimov. Sad i og. no. 9:42-45 S '56.

SEGEZHA—WOODPULP INDUSTRY
The production of high-yield woodpulp. B. I. Rogachevskii, A. P. Matiushkina. Bum. prom. 31 no. 7:17-23 Jl '56.

SEGREGATION IN EDUCATION see subdivision under United States

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMOLOGY
(see also subdivision under Gissar Valley)
Remarks on the problem of overturning bodies during earthquakes (a review of P. M. Drachuk's article). M.IA. Popereka. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:167-170 '56.

SEISMOMETRY
Applicability of Golitsyn's parallelepipeds for measuring seismic velocities. M. IA. Popereka. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:57-62 '55.

SELENIUM
Electronographic study of the structure of rectifying contacts of selenium rectifiers. G. B. Abdullaev. Izv. AN Azerb. SSR no. 4:15-24 Ap '56.

SELENIUM CELLS
Effect of gamma and X rays on selenium rectifiers. G. B. Abdullaev, M. A. Talibi. Dokl. AN Azerb. SSR 12 no. 7:435-439 '56.

SELENIUM OXIDES
Reduction of selenium dioxide from sulphuric acid solutions by means of sulphurous anhydride. A. G. Amelin, E. V. IAshke. Dokl. AN SSSR 108 no. 5:849-852 Je '56.

SELENOCYANATES
Study of selenocyanate complex compounds of certain metals. V. F. Toropova, Zhur. neorg. khim. 1 no. 2: 243-250 F '56.

SELEVIN, VIKTOR ALEKSEEVICH
A book about an explorer of Kazakh deserts ("The end of uncharted areas." Maksim Dmitrievich Zverev. Reviewed by E. Elanchik). Sov. Kazakh. 22 no. 7:121-123 Jl '56.

SELF-SERVICE STORES
(see also subdivision under Moscow)
Bakery without salesmen. D. Kadenko. Nov. torg. tekh. no. 3:24a-d '56.
Organizing self-service food stores. G. Evergetov, I. Ivanov. Sov. torg. no. 8:7-11 Ag '56.

SELIBOVSKAIA, ELIZAVETA IUR'EVNA, 1883-
Fifty years on her job. Fedorova. Fel'd. i akush. 21 no. 9:59 S '56.

SELIGER, LAKE
Golubkina, I., and N. Fedorova. [Lake Seliger; itineraries for tours and excursions] Ozero Seliger; marshruty turistskikh puteshestvii i ekskursii. [Moskva] Izd-vo VTsSPS Profizdat, 1951. 61 p.

SEMANTICS
History of lexicology. V. V. Vinogradov. Dokl. i soob. Inst. laz. no. 10:3-28 '56.

SEMEIKIN, ALEKSANDR VASIL'EVICH, 1907-1956
Aleksandr Vasil'evich Semeikin; obituary. Svetotekhnika 2 no. 4:29 Jl '56.

SEMEN
Improved medium for the semen of farm animals. I. I. Sokolovskaia and others. Dokl. Akad. sel'khoz. 21 no. 7:17-24 '56.
Improved synthetic medium for the semen of bulls and rams. I. I. Sokolovskaia and others. Zhivotnovodstvo no. 8:22-32 Ag '56.

SEMENOV-TIAN-SHANSKII, PETR PETROVICH, 1827-1914
"P. P. Semenov-Tian-Shanskii and his works on geography." V. I. Cherniavskii. Reviewed by N. G. Fradkin. Izv. AN SSSR, Ser. geog. no. 4:143-145 Jl-Ag '56.

SEMICONDUCTORS
All-Union Conference on Semiconductors. K. S. L. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:157 Mr-Ap '56.
Application of semiconductor diodes for nonlinear units of electric analog devices. G. M. Petrov. Avtom. i telem. 17 no. 6:707-716 Ag '56.
Gubanov, A. I. [A theory of the rectifying activity of semiconductors] Teoriia vypriamliaiushchego deistviia poluprovodnikov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 348 p.
Intercollege conference on the present-day technology of dielectrics and semiconductors. N. P. Bogoroditskii. Vest. vys. shkoly 14 no. 9:33-35 S '56.
Semiconductors in medicine. I. A. Abrikosov, N. P. Krylov. Zdorov'e 2 no. 9:7-8 S '56.
Studying the secondary emission in some metals and semiconductors in relation to their thickness. N. G. Nakhodkin. Nauk. zap. Kiev. un. 14 no. 8:209-221 '55.

SEMICONDUCTORS—MAGNETIC PROPERTIES
Theory of spontaneous magnetization of ferromagnetic semi-conductors in the low temperature range. E. I. Kondorskii, A. S. Pakhomov, T. Shikiosh. Dokl. AN SSSR 109 no. 5:931-934 Ag '56.

SEMIRECH'YE see Dzhety-Su

SEMITIC LANGUAGES—SEMANTICS
From the realm of Semitic lexicography. I. N. Vinnikov. Palest. sbor. no. 2:87-96 '56.

SEMLEVSK DISTRICT—HARVESTING
In spite of difficulties. N. Filippova. Kresť ianka 35 no. 10:23-24 O '56.

SENSES AND SENSATION
Musabaeva, N. A. The physiological basis of sensory perception in the light of I. P. Pavlov's teaching regarding the higher nervous activity] O fiziologicheskoi osnove chuvstvennogo poznaniia v svete uchenila I. P. Pavlova o vysshei nervnoi deiatel'nosti. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 80 p.

SENSITOMETRY, PHOTOGRAPHIC see Photographic sensitometry

SEPARATORS (MACHINES)
Design of separator rotors based on allowable stresses and safe loads. V. I. Sokolov. Vest. mash. 36 no. 6: 17-20 Je '56.
Marine separators for cleaning ballast and bilage water from oil products. B. Sushkov. Mor. flot 16 no. 8: 28-29 Ag '56.
Replacement of filtration screens on filter presses by wooden strips. N. S. Lysenko. TSvet. met. 29 no. 8: 78 Ag '56.
Screw separators on 210 liter dredges. P. S. Kinzhalov. TSvet. met. 29 no. 9:18-21 S '56.
Solomin, K. V. [Spiral concentrators] Vintovye separatory. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 103 p.
Whirling purifier in place of settling tanks. A. A. Andreev. Gidroliz. i lesokhim. prom. 9 no. 6:20-21 '56.

SEPARATORS (MACHINES)—ATTACHMENTS
Hydraulic method of dust removal from multicyclone hoppers. A. V. Sheleketin, N. S. Karpushinskii. Metallurg no. 8:9-10 Ag '56.

SERAFIMOVICH, ALEKSANDR SERAFIMOVICH, 1863-1949
New documents on A. S. Serafimovich. A. Airumian, V. Gafurov. Lit. Stal. 10:206-211 '55.

SERBO-CROATIAN LANGAUGE—BIBLIOGRAPHY see Bibliography—Serbo-Croation language

SERIES
Generalization of the second Abelian theorem in the theory of power series. V. A. Zmorovych. Nauk. zap. Kiev. un. 9 no. 9:129-133 '50.

SERIES, FOURIER'S see Fourier's series

SERIES, ORTHOGONAL
Representation of analytical functions by series in orthogonal polynomials. P. K. Suetin. Dokl. AN SSSR 109 no. 1:36-39 Jl-Ag '56.

SERKOV FAMILY
Serkov family. E. Sakharova. Rabotnitsa 34 no. 9: 15 S '56.

SEROV, VALENTIN ALEKSANDROVICH
Valentin Aleksandrovich Serov. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. 56 p. (chiefly illus.) (Mastera russkogo iskusstva)

SERPENTINITES see subdivision under Markopidzh Massif

SERPENTS see subdivision under Kanev District; Turkmenistan; Ukraine

SERUM
Activity of blood lipase in rabbits during the healing of wounds under the effect of leucocytogenic serums. A. A. Shutova. Trudy Inst. morf. zhiv. no. 16:97-106 '56.
Alkaline phosphatase and the oxidizing activity of blood in rabbits during the healing of wounds under the effect of leucocytogenic serums. V. N. Shreder. Trudy Inst. morf. zhiv. no. 16:65-81 '56.
Calcium content in blood serum in connection with endemic urinary calculus. Z. Kh. Ikramov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:147-153 '55.
Changes in the phagocytic activity of blood leucocytes in scarlet fever as affected by antireticular cytotoxic serum. V. N. Zhrzhebiova'ka. Fiziol. zhur. [Ukr.] 2 no. 3:123-130 My-Je '56.
Cholinesterase activity and acetylcholine-like action of tissues during the healing of wounds following the introduction of leucocytogenic serums. L. B. Utevskaia Trudy Inst. morf. zhiv. no. 16:107-127 '56.
Effect of phenol and temperature in thermal denaturation on the purification and concentration of antitoxic sera using the method of enzymatic hydrolysis. A. I. Mikhailov, E. N. Rogozina. Zhur. mikrobiol., epid. i immun. 27 no. 8:83-87 Ag '56.
General reactivity of the organism to the introduction of leucocytogenic serums. N. V. Popova. Trudy Inst. morf. zhiv. no. 16:5-44 '56.
Healing rate of wounds and biochemical indexes of the stimulation of organism by leucocytogenic serums. V. N. Shreder. Trudy Inst. morf. zhiv. no. 16:45-64 '56.
Influence of specific sera on the origin and course of mammary cancer in mice [with summary in English]. R. P. Maiynova. Vop. onk. 2 no. 3:295-302 '56.
Possibilities for improving the quality of immune anti-Rh serums. R. M. Urinson. Lab. delo 2 no. 1:20-22 Ja-F '56.
Proteolytic activity of tissues and blood in rabbits during the healing of wounds under the effect of leucocytogenic serums. G. P. Ramenskaia. Trudy Inst. morf. zhiv. no. 16:82-96 '56.
Role of the nervous system in the mechanism of the action of antireticular cytotoxic serum on cutaneous and vascular absorption capacity. I. V. Savyts'kyi, I. I. Adamova'ka. Fiziol. zhur. [Ukr.] 2 no. 3:115-122 My-Je '56.
Stable "turbidity standard" for nephelometric determination of serum proteins and their fractions. IU. A. Kechek. Lab. delo 2 no. 3:6-7 My-Je '56.
Titration of antiplague serum with specific polysaccharides of Vibrio comma. M. N. Dzhaparidze, N. K. Sidorova. Zhur. mikrobiol. epid. i immun. 27 no. 8: 78-81 S '56.

SERUM THERAPY
Data from clinical tests of the sterilized "I" serum in the treatment of ulcers. E. A. Senchilo. Klin. med. 34 no. 5:90-91 My '56.
Effect of parental protein injections on the healing of wounds. L. E. Kaplan, M. A. Fel'dshtein. Dokl. Akad. sel'khoz. 21 no. 9:14-20 '56.

SERVEEV-TSENSKII, SERGEI NIKOLAEVICH, 1870-
Popovkin, E. E. [S. N. Sergeev-TSenskii; a literary portrait] S. N. Sergeev-TSenskii; literaturnyi portret. Moskva, Izd-vo "Pravda," 1956. 31 p. (Biblioteka "Ogonek," no. 41)

SERVOMECHANISMS
Determination of initial parameters and characteristic dimensions for designing two-phase miniature machines. G. M. Kasprzhak, E. I. Slepushkin. Avtom. i telem. 17 no. 7:637-647 Jl '56.
Industrial testing of magnetic drives with alternating-current motors. O. G. Ivakhnenko, I. K. Parra, E. M. Shukallo. Avtomatyka no. 2:44-50 '56.
Natural vibrations in servosystems with nonlinear members displaying nonsymmetrical characteristics. B. O. Rishov. Avtomatyka no. 2:3-14 '56.
Selection of optimum characteristics of linear servosystems. Part 2. K. I. Kurakin. Avtom. i telem. 17 no. 7:648-613 Jl '56.
Three-phase asynchronous premagnetized motor system used in servomechanisms. V. P. Milovzorov. Trudy MAI no. 57:5-20 '56.

SETS, THEORY OF see Aggregates

SETTERS (DOGS)
Gordon setters. V. Petrov, A. Ezhov. Okh. i okh. khoz. no. 8:30-32 Ag '56.

SEVAN REGION—BIRDS—MIGRATION
Birds of the Far North, new to the Armenian S.S.R., and the origin of their migration route over Sevan. S. K. Dal'. Dokl. AN Arm. SSR 16 no. 1:27-32 '53.

SEVAN REGION—COPEPODA
Diaptomus anahitae sp. nov., a new copepod species in Armenia. T. M. Meshkova. Dokl. AN Arm. SSR 9 no. 1:45-48 '48.

SEWAGE—PURIFICATION
Investigation of the process of using oxygen for liquid waste mixtures having active slime. V. V. Bezenov, I. S. Postnikov, A. N. Fikhman. Vod. i san. tekh. no. 8:22-26 Ag '56.

SEWAGE IRRIGATION
(see also subdivision under Moscow Province)
Sewage is a powerful means for raising vegetable yields. L. Shesterov. Kolkh. proizv. 16 no. 8:20-21 Ag '56.

SEWER PIPE
On the water impermeability of sewage pipes placed below the ground water level. G. M. Bass. Vod. i san. tekh. no. 7:29-31 Jl '56.

SEWERAGE
Results of the discussion at the all-Union conference planning the Norms and Engineering Instructions for designing sewage systems of populated places. Vod. i san. tekh. no. 9:37-38 S '56.

SEWING
How we teach sewing. I. Bodrov. Sots. obesp. 17 no. 5/6:53-54 My-Je '56.

SEX (BIOLOGY)
Role of the metabolism of parents on the formation of sex in the progeny. V. N. Shreder. Usp. sovr. biol. 42 no. 1:33-50 Jl-Ag '56.

SEX IN PLANTS see Plants, Sex in

SHAFT SINKING
(see also subdivision under Donets Basin)
Accelerating the sinking of vertical shafts in the sixth five-year plan. E. P. Kalmykov. Mekh. trud. rab. 10 no. 9:10-12 S '56.
Special shaft sinking methods used abroad. N. G. Trupak. Gor. zhur. no. 8:35-43 Ag '56.

SHAFTS AND SHAFTING
Dynamic rigidity of rotating shafts. A. N. Ogurechnikov. Trudy MAI no. 55:03-136 '56.
Improving the flexibility of the ship's shafting. V. IAtsenko. Mor. flot 16 no. 8:19-21 Ag '56.
Integral equations for the steady motion of rotating variable cross-section shafts accounting for displacement and gyroscopic moment. P. F. Ovchynnykov. Prykl. mekh. 2 no. 3:284-296 '56.
Method of repairing defects in bronze facings. A. D. Kharin. Sudostroenie 22 no. 8:27-28 Ag '56.
Piercing a ray of light for adjusting shafting. O. Zhidiaev. Mor. flot 16 no. 9:12-14 S '56.
Verete, A.G. [Repair of ships' lines] Remont sudovykh valoprovodov. Leningrad, Izd-vo "Morskoi transport," 1955. 124 p.

SHAFTS AND SHAFTING—WELDING
Welding the electric motor shaft of a Pilger mill. I. V. Lisitskii. Proizv. opyt v obl. svar. no. 1:110-111 '56.

SHAGINIAN, MARIETTA SERGEEVNA, 1888-
The novel "Hydroelectric Power Center" by Marietta Shaginian. A. E. Margarian. Uch. zap. Erivan. gos. russ. ped. inst. 5:73-82 '56.

SHAKESPEARE, WILLIAM, 1564-1616
Shakespeare or Marlowe? Osila Trilling. V zashch. mira no. 64:89-93 S '56.

SHAKESPEARE, WILLIAM, 1564-1616—TRANSLATIONS, UKRAINIAN
For the full-blooded Shakespeare. M. I. Rudnyts'kyi. Nauk. zap. L'viv. un. 30:5-19 '55.

SHAKHOVSKAYA DISTRICT—FLAX—DISEASES AND PESTS
Flax protection. L. IA. Pukk. Zashch. rast. ot vred. i bol. 1 no. 2:33-34 My-Je '56.

SHALE
Origin of graptolite shales. L. D. Miroshnikov. Izv. AN SSSR. Ser. geol. 21 no. 7:25-32 Jl '56.

SHAMRAEV, AFANASII TERENT'EVICH, 1879-
Deserved reward. V. G. Plianskii. Sad i og. no. 8:55 Ag '56.

SHAN'KO, IURII DMITRIEVICH
A veracious story about fishermen of the North Atlantic ("In the North Atlantic," IU. D. Shan'ko. Reviewed by R. Miroliubova). Na rub. 17 no. 4:175-177 Jl-Ag '56.

SHARIPOV, BAKI
Motion-picture operator Baki Sharipov. Sh. Muminov. Kinomekhanik no. 8:7 Ag '56.

SHARKS, FOSSIL
Phylogenetic development of the genus Anacorax. L. S. Glikman. Dokl. AN SSSR 109 no. 5:1049-1052 Ag '56.

SHAUMIAN, STEPAN GEORGIEVICH, 1878-1918
Khachikian, IA. I. [Stepan Shaumian's struggle for the Marxist-Leninist interpretation of the role of the masses in history] Bor'ba S. G. Shaumiana za marksistsko-leninskoe ponimanie roli narodnykh mass v istorii. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 152 p.

SHAW, GEORGE BERNARD, 1856-1950
Bernard Shaw. Sots. Uz. 15 no. 7:15 Jl '56.
Bernard Shaw; on the 100th anniversary of his birth. E. Rubinova. Sov. Kazakh. 22 no. 7:110-114 Jl '56.
The dramaturgical method of Bernard Shaw. A. S. Romm. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:315-329 Jl-Ag '56.
Outstanding English writer; on the 100th anniversary of Bernard Shaw's birth. G. Usova. Na rub. 17 no. 4: 158-163 Jl-Ag '56.

SHAWLS see subdivision under Chkalov Province

SHCHELYKOVO—HISTORIC HOUSES, ETC.
Three days in Shchelykovo. Teatr 17 no. 9:183-186 S '56.

SHCHERBAKOV, NIKOLAI
"Difficult class." N. Zaitsev. Fizk. i sport 26 no. 9: 12 '56.

SHCHERBAKOV—PUBLIC HEALTH
They introduce cleanliness. E. Petrova. Sov. kras. kreat 6 no. 4:8 Jl-Ag '56.

SHCHUROVO—KILNS, ROTARY
Effective way to avoid corrosion of rotary kilns cooled by spraying. I. Tabakman. TSement 22 no. 4:24-25 Jl-Ag '56.

SHEARS (MACHINE TOOLS)
Flying shears for continous billet mills. E. A. Zhukevich-Stosha, O. P. Solov'ev. Vest. mash. 36 no. 9: 11-17 S '56.

SHEEP
(see also subdivision under Australia; Caucasus; Dzhetu-Gutiai Pole District; Kazakhstan; Kirghizistan; Ukraine)
Elemanov, Abdrakhim. [What we get from sheep] Chto daet ovtsa. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 21 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Epidemiological significance of sheep in tularemia. M. P. Tereshchenko and others. Zhur. mikrobiol. epid. i immun. 27 no. 9:34-37 S '56.
Growth and development of skeletal muscles during the post-embryonal period in sheep. R. P. Zhenevskaia. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:109-123 '56.
Increasing the wool productivity of sheep is an important task of veterinary workers. I. A. Troitskii. Veterinariia 33 no. 10:78-80 O '56.
One hundred and sixty-five lambs from one hundred ewes. L. K. Kytytsia. Sots. tvar. 28 no. 10:28 O '56.
Ovary development in Soviet merino ewes in the intrauterine period. E. F. Polikarpova. Dokl. AN SSSR 109 no. 4:865-868 Ag '56.
Tasks of science in the field of sheep raising. Ovtsevodstvo no. 8:1-2 Ag '56.
Tusipbekov, Ibraim. [Keeping sheep in folds during the winter] Opyt zimnego stoilovogo sodorzhaniia ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
What we have gained from the new system of keeping sheep. S. I. Pounkov. Ovtsevodstvo no. 8:33-34 Ag '56.

SHEEP—ANATOMY
Embryogenesis of abomasum glands in sheep. L. V. Davletova. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:120-135 '56.
Histogenesis of the absorptive and glandular apparatus in sheep intestines. L. V. Davletova. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:119-127 '55.
Skin structure of Gissar sheep in relation to their wool productivity. V. A. TSvileneva. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:147-171 '55.

SHEEP—DISEASES
(see also subdivision under Kura Lowland; Rostov Provil; Samarkand Province; Suvorovskaya District)
Alimentary ketonuria in pregnant ewes. A. M. Kolesov, R. V. Gorbelik, I. L. Dement'ev. Veterinariia 33 no. 10:68-71 O '56.
Article on "Crowfoot poisoning showing clinical aspects of a bradsot-type disease." Reviewed by M. D. Polykovskii. Veterinariia 33 no. 9:85-86 S '56.
Boev, S.N. [Control of helminthiasis in sheep] Gel'mintozy ovets i bor'ba s nimi. Izd. 2-oe, perer. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 38 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Prevention of pulmonary diseases in sheep. V. I. Leganteeva, A. A. Tronin, S. I. Silin. Veterinariia 33 no. 10: 71-73 O '56.
Testing lead arsenite for the treatment of monieziosis in sheep. B. L. Garkavi. Veterinariia 33 no. 9:41-42 S '56.

SHEEP—DISEASES AND PESTS
Calcium arsenate in the monieziasis of lambs. M. N Akramovskii, IU. G. Egorov, E. V. Bashkirtseva. Ovtsevodstvo no. 8:46 Ag '56.

SHEEP—EXHIBITIONS
National school of progressive work practices. Ovtsevodstvo no. 8:47 Ag '56.

SHEEP—FEEDING AND FEEDING STUFFS
(see also subdivision under Ukraine)
Bankov, A.IA. [Organizing the feeding of sheep on reclaimed lands] Organizatsiia kormleniia ovets v raionakh osvoeniia tselinnykh zemel'. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Effect of keratin on the wool productivity of sheep. V. G. IAkovlev and others. Trudy Biol. inst. KirFAN SSSR no. 4:103-111 '51.
Kashirina, A.V. [Winter rye is a valuable feed for sheep] Ozimaia rozh' - tsennyi korm dlia ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Postharvest crops are an additional source of green and succulent feeds. M. A. Alekseev. Ovtsevodstvo no. 8: 35-36 Ag '56.

SHEEP BREEDING
(see also subdivision under Arai region; Gorkiy Province; Kirghizistan; Latvia)
Akilbekov, Il'ias. [Produce 142 lambs from every 100 ewes] 142 iagnenka ot kazhdykh 100 ovtsematok. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 15 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Amangosov, Sultan. [Meat - tallow sheep raising as a source of revenue] Miaso - sal'noe ovtsevodstvo - dokhodnaia otrasl'". Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 16 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Barlykpaev, Isembai. [A shepherd for twenty years] 20 let raboty chabanom. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 15 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Esenbekov, Sal'bek, and Dosbol Turadilov. [Experience in increasing the fertility of sheep; the use of pregnant mare's serum] Opyt uvelichenila mnogoplodiia ovets; primenenie SZhK. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Makarov, A.P. [The right use of pastures] Pravil'noe ispol'zovanie pastbishch. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 28 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Nugmanov, Agadym, Suleiman Khasenov, and Arya Kozhakhmatov. [Winter lambing on our state farm] Zimnil okot ovets v nashom sovkhoze. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 22 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Pozdniakov, P.M. [Artificial insemination of sheep] Iskusstvennoe osemenenie ovets. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 30 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana)
(DA)
Tasks in the development of sheep breeding in the principle natural economic zones of the U. S. S. R. P. A. Esaulov. Zhivotnovodstvo no. 8:5-13 Ag '56.

SHEEP BREEDING—CONGRESSES
Vsesoiuznoe soveshchanie po ovtsevodstvu, Moscow, 1955. [For highly productive sheep breeding; materials of the All-Union Conference on Sheep Breeding held in the Great Kremlin Palace in Moscow, November 14-18, 1955] Za vysokoproduktivnoe ovtsevodstvo; materialy Vsesoiuznogo soveshchaniia po ovtsevodstvu, proiskhodivshego v Moskve, v Bol'shom Kremlevskom dvortse 14-18 noiabria 1955 g. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 416 p.
(DA)

SHEEP BREEDS see subdivision under Baikal region

SHEET-METAL WORK
Establishing conditions for annealing and deformation of nickel silver strips. V. M. Mizonov. TSvet. met. 29 no. 9:71-74 S '56.
Forces in a power press during cold bending of steel hull plates. P. M. Siplikin. Sudostroenie 22 no. 7:23-27 Jl '56.
Mechanical collection of waste in cold stamping large-sized automobile parts. G. N. Rovinskii, K. A. Kalachev. Avt. i trakt. prom. no. 7:38-40 Jl '56.
Review of a book by A. N. Malov and V. F. Preis "Mechanization and automatic processes in metal stamping." G. D. Skvortsov. Avt. i trakt. prom. no. 8:47 Ag '56.
Treskunov, P. I. [Cutter and punch-press operator] Reznchik-pressovshchik. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 109 p. (Posobie po podgotovke rabochikh)
Waste products in metal pressing; recovery and utilization. D. G. Ginzburg. Avt. i trakt. prom. no. 8:29-33 Ag '56.

SHEET STEEL—HARDENING

Effect of peening on the drawing of sheet metal. A. V. Altykis, L. A. Shofman. Metalloved. i obr. met. no. 8: 37-42 Ag '56.

SHEFNER, VADIM

Original poetic voice ("Along the sea." V. Shefner. Reviewed by N. Koroleva). Mol. Len. ; al'm. 275-281 '56.

SHELL MOLDING (FOUNDING)

Semiautomatic machine for manufacturing shell cores. M. I. Rotenberg, V. I. Soldatenko. Lit. proizv. no. 8: 19-21 Ag '56.

SHELL ROOFS see Roofs, Shell

SHELLAC

"One hundred thousand." Vokrug sveta no. 9:58 S '56.

SHELTERBELTS see Windbreaks, shelterbelts, etc.

SHEMAKHA—EARTHQUAKES

A characteristic of Shemakha earthquake foci causing disagreement in determining coordinates of epicenters. V. P. Kuznetsov. Dokl. AN Azerb. SSR 12 no. 9:611-616 '56.

SHEMAKHA DISTRICT—OSTRACODA, FOSSIL

Ostracod fauna from the Pontian stage in Shemakha District, Azerbaijan. Kh. M. Sheidaeva. Izv. AN Azerb. SSR no. 4:51-57 Ap '56.

SHEVCHENKO, TARAS, 1814-1861

Annals of a great life ("Life and work of T. H. Shevchenko." D. M. Kosaryk. Reviewed by Mykola Tkachenko). Zhovten' 6 no. 10:110-113 O '56.

Ethel Voynich and Shevchenko. Ukraina no. 19:23 O '56.

Franko's publication of "The bard." Ivan Pil'huk. Zhovten' 6 no. 9:80-86 S '56.

Ivan Franko, outstanding student of Shevchenko's legacy. Mykola Tkachenko. Dnipro 30 no. 9:117-121 S '56.

Taras Shevchenko and the Russian revolutionary democrats. B. Golub. Stud. nauch. sbor. ERPI no. 4:25-40 '56.

SHEVCHENKO IN LITERATURE AND ART

Bas-reliefs of Shevchenko and Franko. V. Dmytrlienko. Ukraina no. 16:10-11 Ag '56.

SHIELD BUGS see Eurygasters

SHIGELLA PARADYSENTERIAE

Formation of carotenoid pigments by dysenteric bacilli in a leucocyte culture. A. M. Bezbrodov, V. F. Kondrat'eva. Dokl. AN SSSR 109 no. 3:631-633 Jl '56.

SHILLING, PAVEL L'VOVICH, 1786-1837

A description of P. L. Shilling's electromagnetic telegraph apparatus. B. S. Sotin. Vop. ist. est. i tekh. no. 1:246-250 '56.

SHIP MODELS

What's new on model ship building. K. Kurdenkov, A. Preobrazhenskii. Voen. znan. 31 no. 6:26 Je '56.

SHIP PROPULSION—TABLES, CALCULATIONS, ETC.

Determining the power needed for towing freighters. F. M. Katsman. Sudostroenie 22 no. 8:3-4 Ag '56.

SHIP RESISTANCE

Determining tugboat resistance and capacity of the main engines in small vessels. (From "Schiffbautechnik" no. 1, no. 10, no. 12, 1955). G. M. Kudrevatyi. Sudostroenie 22 no. 7:38-41 Jl '56.

SHIPBUILDING

(see also subdivision under Budapest; Great Britain)

Additions to plans for foundations layed on two intersecting planes. N. F. Frolov. Sudostroenie 22 no. 7:33 Jl '56.

Brief data on foreign shipbuilding in 1955 (from foreign journal). Iu. S. Kriuchkov. Sudostroenie 22 no. 8: 36-38 Ag '56.

Buzik, V. F. [Intershop operational planning and production accounting in shipbuilding plants] Mezhtsekhovoe operativnoe planirovanie i uchet proizvodstva na sudostroitel'nykh zavodakh. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1955. 86 p.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Shipbuilding industry.] Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' nos. 28, 35-36, Jl-S '56.

Gantvarger, R. B. [Outfitting in shipbuilding] Del'nye veshchi v sudostroenii. Leningrad, Gos. soiuz. izd-vo sudostroit. promyshl., 1956. 190 p.

In the Scientific and Technical Association of the Shipbuilding Industry: Sudostroenie 22 no. 8:43 Ag '56.

Information from abroad on shipping and shipbuilding. Mor. flot 16 no. 9:28-29 S '56.

Using special electromagnets in assembling and welding marine structures. N. Pomykanov. Mor. flot 16 no. 6:31 Ag '56.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—WELDING

Conference on the reduction of welding deformations of ship structures. Sudostroenie 22 no. 8:43 Ag '56.

SHIPFITTING

Hull assembling operations. N. I. Alekseev. Sudostroenie 22 no. 7:36-37 Jl '56.

SHIPPING

Early completion of the year's transportation plan. Mor. flot 16 no. 9:1-3 S '56.

Information from abroad on shipping and shipbuilding. Mor. flot 16 no. 9:28-29 S '56.

Steadfastly improve the transportation of goods. Mor. flot 16 no. 8:1-3 Ag '56.

SHIPS

Striving for speed on water. B. G. Grebnev, S. M. Grebnev. Znan. sila 31 no. 8:21-24 Ag '56.

SHIPS—DISPLACEMENT see Displacement (Ships)

SHIPS—EQUIPMENT AND SUPPLIES

Improving the flexibility of the ship's shafting. V. IAtsenko. Mor. flot 16 no. 8:19-21 Ag '56.

Marine separators for cleaning ballast and bilage water from oil products. B. Sushkov. Mor. flot 16 no. 8: 28-29 Ag '56.

Some remarks on "Regulations on the electrical equipment of seagoing vessels ("Regulations on the electrical equipment of seagoing vessels entered into the Sea Register of the U. S. S. R." Reviewed by D. Pervukhin). Mor. flot 16 no. 8:32 Ag '56.

Testing data on direct-acting steam feed pumps. V. Ermilov. Mor. flot 16 no. 8:21-23 Ag '56.

SHIPS—LAUNCHING

Use of crushable packing in fore-and-aft launching of vessels. A. G. Arkhangorodskii, A. B. Litvin. Sudostroenie 22 no. 7:1-5 Jl '56.

SHIPS—MAINTENANCE AND REPAIR

Industrial organization and planning. M. Filonov. Mor. flot 16 no. 9:15-16 S '56.

Practice in protecting hulls from corrosion. G. Finkel'. Mor. flot 16 no. 8:14-15 Ag '56.

Progressive techniques and the mechanization of hull maintenance and dockyard repairs (conclusion). A. Teshchuk, S. Kozlovskii. Mor. flot 16 no. 8:23-25 Ag '56.

Verete, A. G. [Repair of ships' shaft lines] Remont sudovykh valoprovodov. Leningrad, Izd-vo "Morskoi transport," 1955. 124 p.

SHIPS—PAINTING

Mechanization of ship painting. L. M. Vidutskii. Sudostroenie 22 no. 7:35-36 Jl '56.

SHIPS—PIPE FITTING see Marine pipe fitting

SHIPS—WELDING

Industrial practices of semiautomatic spot welding of corner joints. I. I. Dzhivaga. Sudostroenie 22 no. 7: 34 Jl '56.

SHIPS, ELECTRICITY ON see Electricity on ships

SHIPS, IRON AND STEEL—WELDING

Changes in the structural elements of welded seams. A. I. Safonov. Sudostroenie 22 no. 8:19-22 Ag '56.

SHIPS, STABILITY OF see Stability of ships

SHIPS' LIGHTS

Photoresistance unit used as a light cutout in navigational equipment. M. Mamedov. Mor. flot 16 no. 8:27 Ag '56.

SHIPYARDS see subdivision under Nikolayov

SHIRIAVETS, ALEKSANDR VASIL'EVICH, pseud. see Abramov, Aleksandr Vasil'evich, 1887-1924

SHIRVAN STEPPE—GEOLOGY, STRUCTURAL

Geomorphology of the eastern part of Shirvan Steppe. M. R. Abduev. Izv. AN Azerb. SSR no. 4:59-66 Ap '56.

SHISHKIN, BORIS KONSTANTINOVICH, 1886-

Boris Konstantinovich Shishkin; on his 70th birthday. E. G. Bobrov. Bot. zhur. 41 no. 6:925-930 Je '56.

SHIVELUCH SOPKA

Fumaroles of Shiveluch Sopka during September-December, 1953. L. A. Basharina. Biul. Vulk. sta. no. 24:21-27 '56.

SHKURO, A. G.

Eliseev, Fedor. [Partisan Shkuro] Partizan Shkuro. N'iu-York, 1956. 2 v. (CLU)

SHOCK

Experimental data on the course and prevention of pleuropulmonary shock [with summary in English, p. 160]. M. G. Shraiber. Vest. khir. 77 no. 7:92-96 Jl '56.

Investigation of vascular tonus by means of finger plethysmography in peridural anesthesia, in surgery, and in traumatic shock. L. D. Karpilovskii. Klin. med. 34 no. 6:57-65 Je '56.

SHOCK ABSORBERS

Evaluating the efficiency of hydraulic shock absorbers. I. B. Skinder. Avt. i trakt. prom. no. 8:16-21 Ag '56.

SHOCK WAVES

Detached shock waves. I. A. Panichkin. [Trudy] MVTU no. 67:35-76 '55.

Interaction of shock waves and simple waves. V. IA. Arsenin, N. N. IAnenko. Dokl. AN SSSR 109 no. 4:713-716 Ag '56.

A problem on strong point explosion in a gas when the temperature gradient is zero. V. P. Korobeinikov. Dokl. AN SSSR 109 no. 2:271-274 Jl '56.

Shock waves in a plastic compressible medium. A. S. Kompaneets. Dokl. AN SSSR 109 no. 1:49-52 Jl-Ag '56.

Sublimation of crystal lattices under the action of strong shock waves. IU. N. Riabinin. Dokl. AN SSSR 109 no. 2:289-291 Jl '56.

SHOE INDUSTRY

(see also subdivision under Lvov; Minsk)

Automatization in the manufacture of vulcanized footwear. I. A. Veinberg. Leg. prom. 16 no. 7:4-6 Jl '56.

Continuous flow production of special cardboard counters and inner soles. A. S. Rovenskii. Leg. prom. 16 no. 7:6-8 Jl '56.

Cutting into strips and standardizing the consumption of tubular fabrics for edge trimming the upper parts of footwear. N. M. Khanin. Leg. prom. 16 no. 7:34-35 Jl '56.

Effect of relaxation in chrome leather on its useful properties. N. I. Egorkin. Leg. prom. 16 no. 7:23-25 Jl '56.

Manufacture of footwear with microporous soles made by hot vulcanization under pressure. S. V. Shutskii and others. Leg. prom. 16 no. 7:10-13 Jl '56.

New adhesive materials for the footwear industry. B. IA. Kazanovich. Leg. prom. 16 no. 7:50-51 Jl '56.

Organization of the work of adolescents in a shortened workday. I. Govzman, R. Belina. Sots. trud. no. 8: 76-78 Ag '56.

Pisarenko, A. P., and B. A. Safrai. [Technology of the production of footwear rubber parts] Tekhnologiia proizvodstva obuvnykh rezinovykh detalei. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 182 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

Thickness gauge for footwear parts. A. A. Afanas'ev, N. G. Potashin. Leg. prom. 16 no. 7:40-42 Jl '56.

SHOE MACHINERY

Kapustin, I. I. [Calculations and designs for shoe machinery] Raschet i konstruirovanie obuvnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 506 p.

SHOE REPAIRING see Boots and shoes—Repairing

SHOES see Boots and shoes

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

Leningrad. Universitet. [Mikhail Sholokhov; a collection of articles] Mikhail Sholokhov; sbornik statei. [Leningrad] Izd-vo Leningradskogo univ. 1956. 273 p.

SHOOTING

Five hundred and forty-nine out of a possible 600. N. Kopytlovich. Smena 33 no. 15:8 Ag '56.

Prokopenko, I. S. [Marksmanship in the "Ready for Labor and Defense Organization"] Strelkovyi sport v komplekse GTO. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 55 p.

Why are our marksmen losing out? M. Konoplev, V. Korol'kov. Voen. znan. 31 no. 6:23 Je '56.

SHOOTING, MILITARY

Perfecting skill in the fire control of rifle units on the offensive. A. Aleksandrov, A. Grechikhin. Voen. vest. 36 no. 8:14-22 Ag '56.

Shooting at night. V. Chulitskii. Voen. znan. 31 no. 6:14 Je '56.

Training in firing on the move. M. Korobeinikov. Voen. vest. 36 no. 8:30-34 Ag '56.

SHOOTING CONTESTS see subdivision under Moscow

SHOP PRACTICE see Machine-shop practice

SHORE PROTECTION

Making concrete slabs for stabilizing embankment slopes. V. N. Kutsenko. Transp. stroi. 6 no. 8:16-17 Ag '56.

Wave investigation for the water area of ports. A. S. Ofitserov. Trudy gidrav. lab. VODGEO no. 4:4-26 '55.

SHORT CIRCUITS

Locating a turn-to-turn fault in the rotor winding of an electric motor. L. G. Rubo. Prom. energ. 11 no. 7:36-37 Jl '56.

SHORTWAVE RADIO see Radio, Shortwave

SHOSHONITE see subdivision under Borgoyskaya Depression

SHOT PEENING
Peening circular saws. S. M. Khasdan. Der. prom. 5 no. 9:15-17 S '56.

SHOTGUNS
Durability of guns ("Durability of sporting guns." V. E. Markevich. Reviewed by V. Kholostov). Okh. i okh. khoz. no. 9:55 S '56.
Sporting gun of a new design. N. Tokarev. Okh. i okh. khoz. no. 9:40-42 S '56.

SHOTGUNS—EXHIBITIONS
Guns at the exhibition. Okh. i okh. khoz. no. 9:42 S '56.

SHOW WINDOWS
(see also subdivision under France; Germany)
Show windows. V. Gerasimov. Nov. torg. tekh. no. 3: 46-49 '56.

SHREWS
Ecology of the shrew Sorex bucharicnsis Ogn. V. I. Chernyshev. Izv. Otd. est. nauk AN Tadzh. SSR no. 14: 123-138 '56.

SHRUBS
Changes in grass stands and soil brought about by the chemical control of shrubs in pastures. V. P. Bel'kov, M. G. Zeland. Agrobiologiia no. 4:128-132 Jl-Ag '56.
Vanin, A.L. [A guide to trees and shrubs] Opredelitel' derev i kustarnikov. Moskva, Goslesbumizdat, 1956, 211 p.
Use of 2, 4-D for clearing pastures of shrubs. T. Rabotnov. Kolkh. proizv. 16 no. 9:25 S '56.

SHTEIN, ALEKSANDR PETROVICH
Your new play? Teatr 17 no. 8:174-175 Ag '56.

SHUD'IAKAR—SILVERSMITHING—HISTORY
A Sassanid silver dish from the village of Shud'iakar. V. A. Oborin. Vest. drev. ist. no. 2:174-177 '56.

SHUNDRIK, N.
Camp fire in the taiga. IU. Ral'f. Ogonek 34 no. 36:24 S '56.

SHUSHA DISTRICT—EROSION
Nutrient resources and their waste due to erosion in some soils of Shusha District soils. T. G. Dzhavadian. Izv. AN Azerb. SSR no. 4:69-74 Ap '56.

SHUSHA DISTRICT—MINERAL WATERS
Some pharmacological qualities of Shirlan mineral waters [in Azerbaijani with summary in Russian]. A. I. Karaev and others. Izv. AN Azerb. SSR no. 5:95-100 My '56.

SHUSHENSKOE DISTRICT—HARVESTING
In spite of "recommendations." I. Litvintsev. Ogonek 34 no. 39:22 S '56.

SIBERIA—AGRICULTURE
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Siberia" pavilion; a guidebook] Pavil'on "Sibir'"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 31 p.
Shunkov, V. I. [Outline history of agriculture in Siberia during the 17th century] Ocherki po istorii zemledeliia Sibiri (XVII vek). Moskva, Izd-vo Akademii nauk SSSR, 1956. 430 p.
Sibirskii nauchno-issledovatel'skii institut zernovogo khoziaistva. [Problems of Siberian agriculture] Voprosy zemledeliia v Sibiri. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 249 p.
(DA)
Vital tasks of Siberian agriculture. I. V. Smirnov. Nauka i pered. op. v sel'khoz. no. 7:12-15 Jl '56.
What we got from the utilization of virgin lands. IU. E. Medvedev. Nauka i pered. op. v sel'khoz. no. 7:83-84 Jl '56.

SIBERIA—BRONZE AGE
Cultures of the late Bronze Age in Siberia. M. P. Griaznov. Krat. soob. IIMK no. 64:27-42 '56.

SIBERIA—ECONOMIC CONDITIONS
Siberia is the factory and granary of the state. L. Davydov. Kul't.-pros. rab. 17 no. 9:2-12 S '56.
Treasures of Siberia and the Far East. Semlia i shkola 11 no. 10:17-18 O '56.

SIBERIA—ECONOMIC GEOGRAPHY
Location of the most important new construction projects of the sixth five-year plan in the eastern regions of the Soviet Union. V. Udovenko. Vop. ekon. no. 9:155-159 S '56.

SIBERIA—ELK
Economic utilization of elks. A. I. Likhachev. Priroda 45 no. 9:108-109 S '56.

SIBERIA—FRUIT CULTURE
"Fruit culture in Siberia." D. Andreichenko, A. Khristo, A. Chepikov. Reviewed by IU. S. Bolotskii, A. V. Polov. Sad i og. no. 8:79-80 Ag '56.

SIBERIA—HUNTING
Present state and prospective development of commercial hunting on collective farms. A. K. Okolovich. Trudy VNIO no. 16:108-121 '56.

SIBERIA—INDUSTRIES, LOCATION OF
Great economic development of the eastern parts of the country. N. I. Troshev. Mosk. prop. 13 no. 8: 27-35 Ag '56.

SIBERIA—INSECTS, FOSSIL
Paleozoic insects of southern Siberia [with summary in French]. B. B. Rodendorf. Ent. oboz. 35 no. 3:611-619 '56.

SIBERIA—IRON ORES
Use of complex ferromanganese ores from deposits in the eastern regions of the U. S. S. R. for the production of iron alloys. O. A. Deminova, S. D. Toporkov. Gor. zhur. no. 8:11-14 Ag '56.

SIBERIA—IRRIGATION
Irrigation in Siberia. G. G. Lorkh. Gidr. i mel. 8 no. 9:46-49 S '56.

SIBERIA—LABOR SUPPLY
Happy journey. Grazhd. av. 13 no. 8:16 Ag '56.

SIBERIA—MAMMOTH
Finds of fossil animals in frozen ground. IU. N. Popov. Priroda 45 no. 9:40-48 S '56.

SIBERIA—POTATOES—STORAGE
In Siberia potatoes may be stored in surface silos. L. V. Katin-IArtsev, A. M. Ionova. Nauka i pered. op. v sel'-khoz. no. 7:39-41 Jl '56.

SIBERIA—RHINOCEROS, FOSSIL
Finds of fossil animals in frozen ground. IU. N. Popov. Priroda 45 no. 9:40-48 S '56.

SIBERIA—SABLES
Pearl of the taiga. N. Vlasov. Ogonek 34 no. 35:32 Ag '56.

SIBERIA—TRILOBITES
A new Trilobite genus of Monorakeidae from Ordovician strata of the Siberian Platform. N. N. Kramarenko. Dokl. AN SSSR 100 no. 5:1030-1031 Ag '56.

SIBERIA—WATER SUPPLY ENGINEERING
Conference on problems of operating water pipeline installations in cities and industrial enterprises of Siberia. Vod. i san. tekh. no. 8:40 Ag '56.

SIBERIA, EASTERN—ECONOMIC POLICY
Development and distribution of productive forces of Eastern Siberia in the sixth five-year plan and some problems of geographical research. V. A. Krotov. Izv. AN SSSR, Ser. geog. no. 4:76-84 Jl-Ag '56.

SIBERIA, EASTERN—HUNTING
Ways of increasing the productivity of hunting grounds in the forest zone of Eastern Siberia. D. N. Danilov. Trudy VNIO no. 16:42-71 '56.

SIBERIA, EASTERN—REVOLUTION OF 1905
The year 1905 in Eastern Siberia. V. I. Dulov. Nov. Sib. 32:308-323 '56.

SIBERIA, WESTERN—COMBINES (AGRICULTURAL MACHINERY)
Bashkirtsev, A.A. [Combine operators in Western Siberia] Kombainery Zapadnoi Sibiri. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 24 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

SIBERIA, WESTERN—CRABS
Stocking crabs in West Siberian waters. A. N. Petkevich. Ryb. khoz. 32 no. 8:78 Ag '56.

SIBERIA, WESTERN—NATURAL RESOURCES
Problems of geography at the tenth scientific meeting of the Western Siberian Branch of the Academy of Sciences of the U. S. S. R. M. I. Pomus. Izv. AN SSSR. Ser. geog. no. 4:158-160 Jl-Ag '56.

SIBERIA, WESTERN—PEAT
Peat resources of Western Siberia and the outlook for utilizing them. A. S. Olenin. Torf. prom. 33 no. 6: 10-12 '56.

SIBERIA, WESTERN—PETROLEUM GEOLOGY
Some evidence of petroleum-bearing potential of the West Siberian Lowland. V. F. Nikonov. Neft. khoz. 34 no. 8:44-49 Ag '56.

SIBERIA, WESTERN—RAILROADS
Map lags behind life. A. S. Korshunov. Mol. kolkh. 23 no. 8:5 Ag '56.

SIBERIA, WESTERN—ROOT CROPS
Kozlovskii, A. I. [Forage root crops in Western Siberia] Kormovye korneplody v Zapadnoi Sibiri. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 102 p.
(DA)

SIBERIAN PLATFORM—GEOLOGY, STRATIGRAPHIC
Intervals in sedimentary deposits in Cambrian and Silurian variegated series of the southern Siberian Platform. V. P. Maslov. Izv. AN SSSR, Ser. geol. 21 no. 6:31-46 Je '56.

Stratigraphy of Cambrian deposits along the western edge of the Siberian Platform. V. N. Grigor'ev, L. N. Repina. Izv. AN SSSR. Ser. geol. 21 no. 7:17-24 Jl '56.

SIEROZEM SOILS
(see also subdivision under Tajikistan)
Possible methods for artificially improving the structure of Sierozem soils in irrigated areas. L. P. Beliakova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:37-45 '55.

SIEVES
Vibration screen on a conveyer. A. I. Gil'. Avt. dor. 19 no. 7:30-31 Jl '56.

SIGHT
Ability to see the field. V. Vasil'eva. Sp. igry 2 no. 6: 23-24 Je '56.
Conditioned response to rhythmical sound and light stimuli. A. I. IEmchenko. Fiziol. zhur. [Ukr.] 2 no. 4:116-126 Jl-Ag '56.
Effect of training visual recognition of the shape of objects on the absolute thresholds of sight. L. A. Shvarts. Vop. psikhol. 2 no. 4:74-82 Jl-Ag '56.
Pathology of optic perception in schizophreniacs. M. S. Lebedinskii. Fiziol. zhur. [Ukr.] 2 no. 4:134-139 Jl-Ag '56.
Perception of a fixed retinal image. A. L. IArbus. Biofizika 1 no. 5:435-437 '56.

SIGNALS AND SIGNALING
Equip tractors with signals. A. Romanenko. MTS 16 no. 8:42 Ag '56.

SIGNALS AND SIGNALING, SUBMARINE
Submarine signals. N. Pavlov. Vokrug sveta no. 8:47-48 Ag '56.

SILAGE see Ensilage

SILANE
Inquiries into the synthesis and transformations of silicon vinyl compounds. The synthesis of vinylalkyldichlorosilanes by the interaction of alkyldichlorosilanes with acetylene. M. F. Shostakovskii, D. A. Kochkin. Dokl. AN SSSR 109 no. 1:113-116 Jl-Ag '56.
Polymerization and copolymerization of alkenylsilanes under high pressure. Part 3. A. M. Poliakova and others. Izv. AN SSSR. Otd. khim. nauk no. 8:979-985 Ag '56.
Reaction of trialkylsilanes with iodine and hydrogen iodide. M. G. Voronkov, IU. I. Khudobin. Izv. AN SSSR. Otd. khim. nauk no. 7:805-810 Jl '56.

SILANEDIOL
Research in the synthesis and conversions of oxygen containing silicon organic compounds. Part 5. Synthesis and conversions of silanediols of the aliphatic-aromatic series. M. F. Shostakovskii, Kh. I. Kondrat'ev. Izv. AN SSSR. Otd. khim. nauk no. 8:967-973 Ag '56.

SILICA
Drying plants to retain their shape. N. I. Matveev. Est. v shkole no. 5:80-81 S-O '56.
Influence of the nature of the surface on the sorption properties of silica gels. I. E. Neimark, R. IU. Sheinfain, L. G. Svintsova. Dokl. AN SSSR 108 no. 6:871-874 Je '56.

SILICA—SPECTRA
Interaction of absorbed organic molecules with the acid centers of the silicagel and alumosilicagel surface as observed in the infrared spectrum. V. N. Filimonov, A. N. Terenin. Dokl. AN SSSR 100 no. 5:962-965 Ag '56.

SILICATES
Matveev, M. A., and K. A. Smirnova. [Porous silicate products] Poristye silikatnye izdeliia. Moskva, Gos. izd-vo lit-ry stroit. materialam, 1956. 106 p.
New large silicate and steel reinforced silicate structures. I. M. Krasnyi. Strol. prom. 34 no. 8:36-38 Ag '56.
Sokolova, E. L., L. P. Listova, and A. Z. Vainshtein. [Equilibrium systems of ferri- and ferrosilicate sulfates and chlorides] Ferrisilikatnye i ferrosilikatnye sul'fatnye i khloridnye sistemy ravnovesiia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 65 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 3)

SILICIC ACID
Solubility of silicic acid. IU. V. Morachevskii, M. M. Piriutko. Izv. AN SSSR. Otd. khim. nauk no. 8:894-901 Ag '56.

SILICON ORGANIC COMPOUNDS
Hydrophobing fluid and some other silicon organic fluids. K. A. Andrianov, V. M. Romanov, S. A. Golubtsov. Khim. prom. no. 3:142-143 Ap-My '56.
Inquiries into the synthesis and transformations of unsaturated organosilicon compounds. The synthesis of organosilicon glycols of the diacetylene series. M. F. Shostakovskii, I. A. Shikhiev, N. V. Komarov. Dokl. AN SSSR 109 no. 2:344-346 Jl '56.
Research in the synthesis and conversion of unsaturated silicon organic compounds. Part 1. Synthesis of silicon organic glycols of the diacetylenic series. I. A. Shikhiev, M. F. Shostakovskii, N. V. Komarov. Dokl. AN Azerb. SSR 12 no. 8:553-556 '56.

SILICON ORGANIC COMPOUNDS (Continued)

Synthesis of compounds with silasine links. N. S. Nametkin and others. Dokl. AN SSSR 109 no. 4:787-790 Ag '56.

Synthesis of organosilicon compounds of the bis(tetraalkyldistilanomethane) cyclodioxide type. A. V. Topchiev, N. S. Nametkin, L. S. Povarov. Dokl. AN SSSR 109 no. 2:332-335 Jl '56.

SILK MANUFACTURE
(see also subdivision under Georgia)

Basic trends in the development of silk spinning machinery. N. N. Arsen'ev. Tekst. prom. 16 no. 8:28-32 Ag '56.

Redesign of the drawerhead on a roving machine for silk. V. M. Kan. Tekst. prom. 16 no. 8:48-50 Ag '56.

SILKWORMS see subdivision under Ararat Province; Lvov Province

SILOS

Blocks made of local clay used in silo construction. E. Siderman. Stroi. mat., izdel. i konstr. 2 no. 8:24-25 Ag '56.

Experience in erecting coal towers and silo-type 4-7 structures. M. G. Gorelik. Stroi. prom. 34 no. 9:4-7 S '56.

Pits and trench silos built of precast reinforced concrete elements. L. A. Shleinoi. Biul. stroi. tekh. 13 no. 8:43-46 Ag '56.

Trench silos built of concrete slabs. N. Fomin. Sel'. stroi. 11 no. 8:17 Ag '56.

SILOXANES

Determination of small acid and water amounts in polyorganosiloxane compounds [with English summary in insert]. S. V. Siavtsillo and others. Zhur. anal. khim. 11 no. 4:463-465 Jl-Ag '56.

Polyorganic tin siloxanes and polyorganic titanium siloxanes. K. A. Andrianov, T. N. Ganina, E. N. Khrusta-leva. Izv. AN SSSR. Otd. khim. nauk no. 7:798-804 Jl '56.

SILVER

Potentiometric investigations of barbiturates. Communication 2. Effect of pH on the complexing of barbiturates with silver ions [with English summary in insert]. IA. M. Perel'man. Zhur. anal. khim. 11 no. 4:466-469 Jl-Ag '56.

Study of the structure of silver sols. I. M. Ratner, T. A. Koretskaia, V. A. Kargin. Koll. zhur. 18 no. 4:468-469 Jl-Ag '56.

SILVER BROMIDE

Heat treatment of silver bromide crystals in the gelatin and in a vacuum. V. A. Grokhotov, P. V. Meiklar. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:88-97 Mr-Ap '56.

Molecular yield in the reduction of silver bromide by hydroquinone. V. I. Sheberstov. Zhur. nauch. i prikl. fot. i kin. 1 no. 1:42-44 Ja-F '56.

SILVER FOX see subdivision under Kiev

SILVER HALIDES—ELECTRIC PROPERTIES

Photoelectric properties of silver halides and thallium halides when colored with organic coloring agents. IA. Akimov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4:254-265 Jl-Ag '56.

SILVER SALTS

Study of the interaction of lithium and silver sulfates and molybdates in melts. I. N. Beliaev, S. S. Doroshenko. Zhur. ob. khim. 26 no. 7:1818-1820 Jl '56.

SILVER THIOCYANATE

Physicochemical study of silver rhodanide complexes. A. M. Golub. Zhur. ob. khim. 26 no. 7:1837-1843 Jl '56.

SILVERSMITHING—EXHIBITIONS

Leningrad. Ermitazh. [Artistic silverware from the 16th to the beginning of the 20th century. Guidebook to an exhibition] Khudozhestvennoe serebro XVI-nach. XX vv. Moskva, Gos. izd-vo "Iskusstvo," 1956. 29 p., illus. (Putevoditeli po vystavkam)

SILVERSMITHING—HISTORY see subdivision under Shud'lakar

IMFEROPOL—MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Automatic can-production line of the Simferopol Plant. V. Ochkin. Mias. ind SSSR 27 no. 4:18-20 '56.

SIMULIIDAE

Effect produced by DDT and hexachlorane upon Simuliidae gnats in laboratory and natural conditions. Z. V. Usova. Dokl. AN SSSR 109 no. 2:417-420 Jl '56.

SIMUSHIR ISLAND—VOLCANOES

Volcanoes of Simushir Island. G. V. Korsunskaia. Biul. Vulk. sta. no. 24:61-64 '56.

SINERVO, ELVI

"Comrade, don't betray." Elvi Sinervo. Reviewed by V. Ivanov. Na rub. 17 no. 4:173-175 Jl-Ag '56.

SINGING—COMPETITIONS

A review of youth's work. Teatr 17 no. 9:176 S '56.

SINKHOLES see subdivision under Ural Mountains

SINKIANG—ETHNIC TYPES

Ethnic composition and distribution of the population in the Sinkiang Uigur Autonomous District of the Chinese People's Republic. S. I. Bruk. Sov. etn. no. 2:89-94 '56.

Ethnic groups in the Sinkiang Uigur Autonomous District of the Chinese People's Republic. I. B. Shevel'. Sov. etn. no. 2:95-105 '56.

SINKIANG-UIGUR AUTONOMOUS REGION

Kotov, K. [The new Sinkiang] Novyi Sin'tszian. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 103 p.

SINKING FUNDS

Obsolescence of industrial equipment. A. Omarov. Mol. komm. 14 no. 9:102-105 S '56.

SINTERING see subdivision under Krivoy Rog

SIZING (PAPER)

Some problems of theory and practice of paper sizing. S. A. Puzyrev, S. N. Sin'kova. Bum. prom. 31 no. 8:5-9 Ag '56.

SIZING (TEXTILE)

Calculating the draft during sizing by special devices. N. A. Naumov. Tekst. prom. 16 no. 8:32-34 Ag '56.

SKIN

Investigation of hydrophil properties of the skin by using radioactive sodium; mechanism of the blister test. A. L. Syrkin. Terap. arkh. 28 no. 5:59-63 '56.

Phosphorylase of the skin [with German summary in insert]. M. G. Smirnova. Biokhimiia 21 no. 4:441-443 Jl-Ag '56.

Role of the nervous system in the mechanism of the action of antireticular cytotoxic serum on cutaneous and vascular absorption capacity. I. V. Savyts'kyi, I. I. Adamovs'ka. Fiziol. zhur. [Ukr.] 2 no. 3:115-122 My-Je '56.

SKIN—BLOOD SUPPLY

Observations of the resistance of cutaneous capillaries in certain internal diseases. V. V. Silakova. Terap. arkh. 28 no. 5:64-66 '56.

SKIN—BLOOD VESSELS

Functional condition of skin capillaries in certain diseases of the nervous system. I. L. Vaisfel'd, G. N. Kassil'. Dokl. AN SSSR 109 no. 5:1057-1060 Ag '56.

SKIN—DISEASES
(see also subdivision under Moscow)

Chloromycetin emulsion for treating streptoderma. V. M. Pobedailo, B. T. Glukhen'kii, S. A. Kunis. Vest. ven. i derm. 30 no. 4:52 Jl-Ag '56.

Clinical aspects of skin lesions in Paltauf-Sternberg lymphogranulomatosis. G. B. Belen'kii, A. S. Rabon. Vest. ven. i derm. 30 no. 4:57-58 Jl-Ag '56.

Current problems in the treatment of skin and venereal diseases. B. M. Pashkov. Sov. med. 20 no. 7:3-9 Jl '56.

Dermatological symptoms in syringomyelia. T. M. IUrinov. Vest. ven. i derm. 30 no. 4:56-57 Jl-Ag '56.

Discovery of the skin mite Dermatophagoides Scheremetowskyi Bogdanov, 1864 in some human skin diseases [with summary in English]. V. B. Dubinin, M. I. Gusel'nikova, I. M. Raznatovskii. Biul. MOIP. Otd. biol. 61 no. 3:43-50 My-Je '56.

Effect of ionizing radiations on the reactivity of the skin in relation to pyogenic infection and some external irritants. V. I. Samtsov. Vest. ven. i derm. 30 no. 4:3-7 Jl-Ag '56.

Effects of the adrenocorticotropic hormone (ACTH) and cortisone in some skin diseases. N. S. Smetov and others. Sov. med. 20 no. 7:19-24 Jl '56.

Levin, L.A. [Pustular and fungous skin deseases] Gnoinichkovye i gribkovye kozhi. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1952. 41 p.
(DAFM)

Mechanism of the development of high-altitude subcutaneous emphysema. I. S. Balakhovskii. Biofizika 1 no. 5:431-434 '56.

Neurodermatitis and its treatment. G. I. Rogailin. Fel'd. i akush. 21 no. 7:7-10 Jl '56.

Physical and chemical characteristics of gas from the bubbles of high-altitude subcutaneous emphysema. I. S. Balakhovskii, M. M. Fomenko. Biofizika 1 no. 5:425-430 '56.

Treatment of some skin diseases with novocaine and conditioned reflex sleep therapy. T. V. Vasil'ev. Sov. med. 20 no. 7:28-32 Jl '56.

SKIN—INNERVATION

Comparative characteristics of the cutaneous nerve endings in tuberculoid and lepromatous leprosy. I. I. Pototskaia. Vest. ven. i derm. 30 no. 4:58-59 Jl-Ag '56.

SKIN—TUMORS

A case of multiple superficial flat basaloma of the skin. A. A. Kalamkarian, B. G. Stoianov. Sov. med. 20 no. 7:66-68 Jl '56.

SKODA, JOSEF, 1805-1881

Life and activities of Josef Škoda, 1805-1881. A. N. Rubakin. Klin. med. 34 no. 6:81-88 Je '56.

SKOLOZDRA, VOLODYMYR IVANOVYCH

In a sculptor's atelier. D. Dorech. Ukraina no. 17:26 S '56.

SKOVORODA, GRIGORII SAVVICH, 1722-1794

Notes on the poetic works of Hryhorii Skovoroda. T. I. Pachovs'kyi. Nauk. zap. L'viv. un. 19:9-19 '54.

SKRYHAN, IANKA

The test of time ("Stories." IAnka Skryhan. Reviewed by L. Salavei). Belarus' 13 no. 9:30 S '56.

Truthful book ("Stories." IAnka Skryhan. Reviewed by S. Aliaksandrau). Polymia 34 no. 9:156-156 S '56.

SKULL

Sexual dimorphism of the skull in ermines (Mustela erminea L.). O. V. Petrov. Vest. Len. un. 11 no. 15:41-56 '56.

SKULL—TUMORS

A case of malignant thyrotoxic adenoma with metastases to bones. V. D. Sokolovskii. Probl. endok. i gorm. 2 no. 3:113-115 My-Je '56.

SKULL—WOUNDS AND INJURIES

Early ophtalmological picture of the fundus oculi in gunshot wounds of the skull. S. K. Karanov. Trudy AN Tadzh. SSR 40:71-74 '55.

Psychopathology of acute nonpenetrating injuries of the skull and brain. A. L. Abashev-Konstantynova'kyi. Fiziol. zhur. [Ukr.] 2 no. 4:43-50 Jl-Ag '56.

SLAG

Blocks and slabs for pavements made of coal slags. N. A. Kartashov. Avt. dor. 19 no. 7:11-12 Jl '56.

Composition of anosovite and titanium sesquioxide in high titanium slags. V. V. Lapin, N. N. Kurtseva, O. P. Ostrogorskaia. Dokl. AN SSSR 109 no. 4:824-827 Ag '56.

Lapin, V. V. [Petrography of metallurgical and fuel slags] Petrografiia metallurgicheskikh i toplivnykh shlakov. Moskva, Izd-vo Akademii nauk SSSR, 1956. 323 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 2)

Role of cupola furnace slags. IU. P. Poruchikov. Trudy Ural. politekh. inst. no. 60:82-88 '56.

Slag impoverishment in nickel smelting. A. A. TSeidler. TSvet. met. 29 no. 8:36-40 Ag '56.

Use of open-hearth slag in building. S. Epshtein. Arkhit. i bud. 4 no. 1:25-26 Ja-F '56.

Utilization of slags in secondary aluminum plants. V. M. Bazilevskii and others. TSvet. met. 29 no. 7:59-67 Jl '56.

SLAG CEMENT

Corrugated slag cement roofing. V. Nikolenko. Prom. koop. no. 9:20 S '56.

Using slag portland cement in hydraulic engineering. I. L. Znachko-IAvorskii. Gidr. stroi. 25 no. 8:25-27 S '56.

SLAG WOOL see Mineral wool

SLAUGHTERING AND SLAUGHTERHOUSES see subdivision under Moscow; Orel

SLAVERY

Partisans of slavery. Nov. vrem. 14 no. 37:17 S '56.

SLAVIC LANGUAGES—ACCENTS AND ACCENTUATION

Outline of eastern Slavic accents. L. A. Bulakhovskii. Nauk. zap. Kiev. un. 14 no. 2:39-58 '55.

SLAVIC LANGUAGES—ETYMOLOGY

From lexicological research. A. S. L'vov. Dokl. i soob. Inst. iaz. no. 10:45-60 '56.

SLAVIC LANGUAGES—GRAMMAR, COMPARATIVE

Outline of the comparative grammar of Slavic languages; prospectus. S. B. Bernshtein. Krat. soob. Inst. slav. no. 18:3-20 '56.

SLAVIC LANGUAGES—NOUN

Grammatical induction in the Slavic declension. L. A. Bulakhovskii. Vop. iaz. 5 no. 4:14-30 Jl-Ag '56.

SLAVIC LANGUAGES—PHONETICS

Comparative phonetics of Armenian and the Slavic languages. A. S. Garibian. Uch. zap. Eriv. gos. russ. ped. inst. 5:1-15 '55.

SLAVIC LITERATURE—HISTORY AND CRITICISM

Ivan Franko and Slavic literature. M. D. Yerves. Visnyk AN URSR 27 no. 8:31-44 Ag '56.

SLAVIC LITERATURE—TRANSLATIONS INTO UKRAINIAN

Literature of fraternal unity. Oksana Zakharchenko. Ukraina no. 19:14 O '56.

SLAVIC POETRY—COLLECTIONS
[Poetry of the Western and Southern Slavs: Polish, Czech, Slovak, Bulgarian, Serbian, Croatian and Slovenian] Poezia zapadnykh i iuzhnykh slavian: pol'skaia, cheshskaia, slovatskaia, bolgarskaia, serbskaia, khorvatskaia, slovinskaia. Leningrad, Detgiz, 1955. 501 p. (NN)

SLAVIC STUDIES
(see also subdivision under Scandinavia; Ukraine; Vienna)
Meeting of the International Committee of Slavicists in Moscow. O. N. Trubachev. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:388-392 Jl-Ag '56.

SLAVIC STUDIES—PERIODICALS see subdivision under Czechoslovakia

SLAVS see subdivision under Argentina

SLEEP
Disorders of sleep. T. Simeon. Sem'ia i shkola 11 no. 9:4-5 S '56.
Effect of drug-induced sleep on immunological reactivity and the course of infection in an experiment. N. M. Shumyts'ka. Fiziol. zhur. [Ukr.] 2 no. 3:108-114 My-Je '56.
Effect of prolonged drug-induced sleep and ascorbic acid on the ammonia and glutamine contents of the blood. L. IA. Tiukhepyl'd. Vop. med. khim. 2 no. 4:305-308 Jl-Ag '56.
Narcoleptic syndrome following diphtherial polyneuritis. S. L. Levin. Klin. med. 34 no. 7:77-78 Jl '56.
Physiological mechanism of sleep. V. A. Bukov. Fiziol. zhur. 42 no. 7:597-603 Jl '56.
Study of sleep dynamics in the chimpanzee. F. P. Maiorov, L. A. Firsov. Dokl. AN SSSR 109 no. 1:229-232 Jl-Ag '56.

SLEEP—THERAPEUTIC USE
Effectiveness of prolonged drug-induced sleep for treating hypertension. E. I. Bunin, G. L. Kats. Klin. med. 34 no. 5:91 My '56.
Limits to the use of electroconvulsive therapy in psychiatric practice; new method of combined narcoelectroconvulsive therapy of psychoses. M. IA. Sereiskii. Fiziol. zhur. [Ukr.] 2 no. 4:21-25 Jl-Ag '56.
Some theoretical problems of somnopsychotherapy. M. M. Perel'muter. Fiziol. zhur. [Ukr.] 2 no. 4:62-70 Jl-Ag '56.
Treatment of some skin diseases with novocaine and conditioned reflex sleep therapy. T. V. Vasil'ev. Sov. med. 20 no. 7:28-32 Jl '56.

SLEIGHS AND SLEDGES
We need new designs for the elements of carts and sleighs. N. Zverev. Konevodstvo 26 no. 8:42-43 Ag '56.

SLEIGHS AND SLEDGES—EXHIBITIONS
Carts and sledges at the All-Union Agricultural Exhibition of 1956. A. Selikhov. Konevodstvo 26 no. 8:34-36 Ag '56.

SLENZAK, IGOR' EVGEN'EVICH, 1910-1950
In memory of I. E. Slenzak. S. P. Rodionov, B. A. Gavrusevich, V. IA. Klimenko. Nauk. zap. Kiev. un. 9 no. 10: 153-155 '50.

SLIDE RULE
Kozlenko, G.M. [The use of the slide rule in timber and lumber calculations] Primenenie logarifmicheskoi lineiki pri taksatsionnykh i lesokhozialstvennykh vychisleniiakh. Moskva, Goslesbumizdat, 1955. 45 p.

SLIDEFILMS see Filmstrips

SLOVAK LANGUAGE—DIALECTS—BIBLIOGRAPHY see Bibliography—Slovak language—Dialects

SLOVAK LITERATURE—HISTORY AND CRITICISM
Some problems of modern Slovak prose. Vladimir Minač. Inostr. lit. no. 8:195-201 Ag '56.

SŁOWACKI, JULIUSZ, 1809-1849
Juliusz Słowacki and Russian literature. S. I. Levinskaia. Nauk. zap. Kiev. un. 14 no. 1:273-287 '55.

SLUCKIS, MYKOLAS, 1926-
A writer and his heroes ("Good home"; a tale. Mykolas Sluckis. Reviewed by V. L'vov). Druzh. nar. no. 9:174-176 S '56.

SLUICES
Some results of testing the operation of sluices in drainage systems. M. G. Krasnik. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:257-265 '55.

SLUTSK—GALLERIES AND MUSEUMS
New regional study museum. H. Vasil'eu. Belarus' 13 no. 9:13 S '56.

SMELL see Olfactory nerve

SMELTING
(see also subdivision under Stalinsk)
Production of rimmed steel with addition of ferromanganese in the ladle. I. S. Marakhovskii, V. F. Mazov. Stal' 16 no. 8:697-699 Ag '56.
Self-fluxing agglomerate. I. I. Daikhes. Nauka i zhizn' no. 9:50 S '55.

SMELTING—EQUIPMENT AND SUPPLIES
(see also subdivision under Magnitogorsk)
Sprayer for the mechanical lubrication of molds. L. IA. Sukhman. Metallurg no. 8:32-33 Ag '56.

SMELTING FURNACES
The advantages of using preliminary muffles in reverberatory copper smelters. A. V. Tonkonogii. Vest. AN Kazakh. SSR 12 no. 9:65-78 S '56.
Vacuum in metallurgy. A. A. Vertman, L. M. Novik. Priroda 45 no. 9:81-86 S '56.

SMIRNOV, PAVEL ALEKSANDROVICH, 1896-
Pavel Aleksandrovich Smirnov; on his 60th birthday. S. IU. Lipshits, A. A. IUnatov. Bot. zhur. 41 no. 7:1072-1079 Jl '56.

SMOKESTACKS see Chimneys

SMOLENSK—GLASS MANUFACTURE
Water cooling of a rotary fritting furnace. A. A. Fatoev. Stek. i ker. 13 no. 9:30 S '56.

SMOLENSK—SCHOOLHOUSES—LIGHTING
State of artificial lighting in Smolensk schools. V. G. Beletskii, N. N. Belgorodskaia, L. IA. Liakhova. Gig. i san. 21 no. 9:84 S '56.

SMOLENSK PROVINCE—FRUIT TREES
Improve the state of orchards. M. S. Vol'skii. Sad i og. no. 8:34-36 Ag '56.

SMOLUCHOWSKI, MARIAN, 1872-1917
Marian Smoluchowski's struggle for scientific atomism. Wladyslaw Krajewski. Vop. filos. no. 4:104-117 '56.

SMUTS
Presowing treatment of rye against stem smut. Z. S. Kasperovich, G. M. Shkuronko. Zashch. rast. ot vred. i bol. 1 no. 3:28-31 Jl-Ag '56.
Some peculiarities of the pathogenesis of corn smut. M. S. Dunin. Izv. TSKhA no. 1:43-60 '56.
Timely control of corn smut. V. I. Kozlova. Kukuruza 1 no. 3:45-46 Je '56.

SNAILS see subdivision under Hawaiian Islands

SNOUT BEETLES
Survey of species of the genus Curculio L. (Coleoptera, Curculionidae) of the U. S. S. R. and adjacent countries [with summary in German]. M. E. Ter-Minasian. Ent. obozr. 35 no. 2:421-446 '55.

SNOW
(see also subdivision under Carpathian Mountains; Ufa)
Bialobzheskii, G. V., and R. A. Ambros. [Increasing the efficiency and economy of snow retaining structures] Povyshenie effektivnosti i ekonomichnosti snegozaderzhivaiushchikh ustroistv. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 102 p.
Interdepartmental conference on the study of snow and snow cover. V. M. Kotliakov. Izv. AN SSSR. Ser. geog. no. 4:160-162 Jl-Ag '56.
Role of shelterbelts in increasing soil moisture due to snow accumulation. A. L. Molchanov. Trudy Ukr. NIGMI no. 3:33-39 '55.
Tushinskii, G. K., E. F. Gus'kova, and V. D. Gubareva. [Snow recrystallization and the formation of avalanches] Perekristallizatsiia snega i vozniknovenie lavin. [Moskva] Izd-vo Moskovskogo univ., 1953. 114 p. (NN)

SOAP
Production of toilet soaps with 80% of fatty acids. L. A. Klepikov. Masl.-zhir. prom. 22 no. 8:17-18 '56.

SOCCER
(see also subdivision under Brazil; Czechoslovakia; Hanover, Germany; Hungary)
Apukhtin, B. T. [Soccer technique] Tekhnika futbola. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956.
Arkad'ev, B.A. [The halfbacks' game] Igra poluzashchitnikov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 38 p.
Be more daring and energetic. K. Fomin. Sp. igry 2 no. 7:10 Jl '56.
Beskov, K. L. [The forwards' game] Igra napadaiushchikh. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 106 p.
Fokin, E. V. [The goalkeeper's game] Igra vrataria. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 67 p.
For an effective attack; first round results of the U. S. S. R. soccer championship. G. Kachalin. Sp. igry 2 no. 6: 13-14 Je '56.
General test. V. Antipenok. Sp. igry 2 no. 7:11-12 Jl '56.
The importance of the ball in play. A. Frenkin. Sp. igry 2 no. 6:24 Je '56.
International meets. Sp. igry 2 no. 7:32 Jl '56.
Italian specialists on modern soccer tactics. N. Borisova. Teor. i prak. fiz.-kul'. 19 no. 8:630-632 '56.
Kalinin, A. P. [The guards' game] Igra zashchitnikov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 67 p.
Let us talk about soccer. Nik. Starostin. Pioner no. 10:77-79 O '56.
New stage in the development of soccer. Play with four defenders. Gabriel' Anneau. Sp. igry 2 no. 7:21-23 Jl '56.
Olympic soccer. Ogonek 34 36:24 S '56.
Preventing injuries occurring in soccer. E. N. Klobukov. Fel'd. i akush. 21 no. 9:12-14 S '56.
Soccer championships of European countries. Sp. igry 2 no. 7:29-31 Jl '56.
Soccer championships of European countries. V. Vladimirov. Sp. igry 2 no. 8:29-31 Je '56.
Score 6-1. Sp. igry 2 no. 6:32 Je '56.
Soccer starts in the stands. Nik. Bibikov. Sp. igry 2 no. 6:8-10 Je '56.
Who will contend for the victory in Melbourne. Sp. igry 2 no. 6:28 Je '56.

SOCCER—HISTORY
Genealogy of the ball. Sots. Uz. 16 no. 9:10 S '56.

SOCIAL GROUP WORK see subdivision under Panfilovo (Stalingrad Province)

SOCIAL HYGIENE see Public health

SOCIAL INSURANCE see Insurance, Social

SOCIAL LIFE AND CUSTOMS see subdivision under Bashkiria; Europe, Western; Near East; Yaroslavl District

SOCIAL SCIENCE RESEARCH see subdivision under Ukraine

SOCIAL SCIENCES
Akademiia nauk SSSR. [General meeting of the Academy of sciences of the U.S.S.R. devoted to the observance of the thirtieth anniversary of the Great Socialist revolution] Obshchee sobranie Akademii nauk SSSR posviashchennoe tridtsatiletiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; doklady, 23 oktiabria - 2 noiabria 1947 goda. Moskva, 1948. 718 p.

SOCIAL SCIENCES—STUDY AND TEACHING see subdivision under Kazakhstan

SOCIAL SERVICE
Active helpers. I. Mozherov. Sots. obesp. 17 no. 8: 42-43 Ag '56.
A noble undertaking. N. Khabarov. Sots. obesp. 17 no. 8:40-41 Ag '56
A reprimand instead of gratitude. I. Goreva. Sots. obesp. 17 no. 8:63 Ag '56.
What a supernumerary inspector can do. M. Kashirina. Sots. obesp. 17 no. 8:44 Ag '56.

SOCIAL WELFARE see Public welfare; Social service

SOCIAL WORK see Social service

SOCIALISM
"Anti-Marxist misadventures." E. E. Korolev. Vop. filos. no. 4:230-232 '56.
Economic views of I. IA. Franko. IE. A. Holubova'ka. Visnyk AN URSR 27 no. 8:45-55 Ag '56.
The transition to socialist economic forms. D. M. Ugrimovich. Vop. filos. no. 4:233-237 '56.

SOCIALIST COMPETITION
(see also subdivision under Dneprodzerzhinsk)
Administer industrial competitions better. M. Evstratov. Sov. profsoiuzy 4 no. 7:20-24 Jl '56.
Creative friendship. I. Proletov. Sov. profsoiuzy 4 no. 7:31-34 Jl '56.
In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 4 no. 7:93 Jl '56.
Leaders in socialist competition. Vest. sviazi 16 no. 8: 2 Ag '56.
Mutual aid in the struggle for technological progress. G. Sofonov. Sov. profsoiuzy 4 no. 7:25-27 Jl '56.
Sapukhin, A. [Socialist competition of agricultural workers in two districts; experience in the organization and supervision of socialist competition between Kiev-Sviatoshino District, Kiev Province, and Ramenskoye District, Moscow Province] Sotsialisticheskoe sorevnovanie trudzhenikov sel'skogo khoziaistva dvukh raionov; iz opyta organizatsii i rukovodstva sotsialisticheskim sorevnovaniem mezhdu Kievo-Sviatoshinskim raionom, Kievskoi oblasti, i Ramenskim raionom, Moskovskoi oblasti. Kiev, Gos. izd-vo polit. lit-ry USSR, 1956. 110 p.
What a formal administration of competitions leads to. V. Berezovskii. Sov. profsoiuzy 4 no. 7:47-49 Jl '56.
What we learned from the Muscovites. M. Maksimov. Sov. profsoiuzy 4 no. 7:28-30 Jl '56.

SOCIALIST PARTY see subdivision under Italy

SOCIALIST PARTY—HISTORY see subdivision under Italy

SOCIOLOGY
Tugarinov, V. P. [The laws of nature and of society] Zakony prirody i obshchestva. Moskva, Gos. izd-vo polit. lit-ry, 1956. 62 p. (Populiarnaia bibliotechka po marksizmu-leninizmu)

SODIUM—ISOTOPES

Correlation of polarization and directional emission of gamma quanta from $Co^{60}$ and $Na^{24}$. I. V. Estulin, V. S. Popov, F. E. Chukreev. Zhur. eksp. i teor. fiz. 30 no. 6:1052-1057 Je '56.

Determination of blood flow rate with radioactive sodium. V. I. Bobkova, G. M. Rzaev, V. V. Solov'ev. Sov. med. 20 no. 8:66-70 Ag '56.

Investigation of hydrophil properties of the skin by using radioactive sodium; mechanism of the blister test. A. L. Syrkin. Terap. arkh. 28 no. 5:59-63 '56.

SODIUM CARBONATES

Saponification of oxidized paraffin with sodium carbonate under pressure. M. P. Bespiatov. Masl.-zhir. prom. 22 no. 6:24-26 '56.

SODIUM CHLORIDE see Salt

SODIUM CITRATE

Physicochemical study of the system: cobaltous chloride-sodium citrate in aqueous medium. P. K. Migal', A. IA. Sychev. Zhur. neorg. khim. 1 no. 4:726-732 Ap '56.

Physicochemical study of the system: $NiSO_4 - C_6H_5O_7Na_3$ in an aqueous solution. P. K. Migal', A. IA. Sychev. Zhur. neorg. khim. 1 no. 5:1008-1012 My '56.

Use of acid sodium citrate for determining the rate of sedimentation of erythrocytes (annotation). M. P. Bolotov. Lab. delo 2 no. 2:30-31 Mr-Ap '56.

SODIUM FLUORIDE

The effect of sodium fluoride on the formation of pyrophosphates by yeasts during fermentation [with English summary in insert]. A. M. Malkov, L. A. Bogdanova. Mikrobiologiia 25 no. 4:408-414 Jl-Ag '56.

Production of sodium fluoride at the Odessa Superphosphate Plant. G. IA. Elagin, B. S. Kavnatskaia. Khim. prom. no. 3:166-167 Ap-My '56.

SODIUM SALICYLATE

Acidimetric determination of beryllium using sodium salicylates. V. K. Zolotukhin. Nauk. zap. L'viv. un. 34:115-117 '55.

SODIUM SALTS

Irreversible-reciprocal system of lithium and sodium acetates and nitrates. G. G. Diogenov. Zhur. neorg. khim. 1 no. 4:798-805 Ap '56.

Irreversible-reciprocal system of sodium and potassium sulfates and iodides. R. N. Nlankovskaia. Zhur. neorg. khim. 1 no. 4:783-790 Ap '56.

SODIUM SULFATES

Study of the interaction of dolomite with sodium sulfate solutions. O. K. IAnat'eva. Zhur. neorg. khim. 1 no. 4: 751-757 Ap '56.

SODIUM TUNGSTATES

Dehydration of sodium metatungstate. I. D. Kolli, G. N. Pirogova, V. I. Spitsyn. Zhur. neorg. khim. 1 no. 3: 470-477 Mr '56.

Dehydration of sodium paratungstate. I. D. Kolli, G. N. Pirogova, V. I. Spitsyn. Zhur. neorg. khim. 1 no. 3: 460-469 Mr '56.

Use of tracers in the study of the structure of certain aquopoly and heteropoly compounds. V. I. Spitsyn. Zhur. neorg. khim. 1 no. 3:552-564 Mr '56.

SOFIA—INFLUENZA

Study of the influenza epidemic of 1954. L. Shindarov, N. Manolova, N. Ivanov. Zhur. mikrobiol., epid. i immun. 27 no. 8:119 Ag '56.

SOFIA—WORLD FEDERATION OF TRADE UNIONS—CONGRESSES

Session in Sofia. S. Men'shikov. Nov. vrem. 14 no. 42: 8-10 O '56.

SOGDIAN LANGUAGE—HISTORY

Some aspects of the history of the Sogdian language. K. V. Kaufman. Trudy Inst. iaz. 6:459-498 '56.

SOIL ABSORPTION

Water absorbing characteristics of tilled and fallow Chernozem soils used for forest plantations. A. L. Molchanov. Trudy KazNIGMI no. 5:8-15 '55.

SOIL BINDING

Reinforcing the slopes of railroad earth roadbeds by planting grass. S. S. Shain. Trudy TSNIIS no. 18:85-110 '56.

SOIL BIOLOGY—BIBLIOGRAPHY see Bibliography—Soil biology

SOIL CHEMISTRY

The degree of salinity of upper soil strata as a function of the depth of ground waters. V. V. Egorov, G. V. Zakhar'ian. Dokl. AN SSSR 109 no. 4:851-853 Ag '56.

Role of soil conditions in iodine and endemic goiter in Ont and other districts of the Georgian S. S. R. V. I. Kalishevskaia. Probl. endok. i gorm. 2 no. 2:56-62 Mr-Ap '56.

Soil reaction in the rhizosphere of herbaceous plants. A. A. Chasovennaia, G. F. Petrova. Vest. Len. un. 11 no. 15:18-27 '56.

SOIL CHEMISTRY—BIBLIOGRAPHY see Bibliography—Soil chemistry

SOIL COLLOIDS

Effect of the composition of colloidal minerals on the hydrophysical properties of cohesive soils. I. D. Sidleta'kyi, A. K. Larionov. Nauk. zap. Kiev. un. 13 no. 4:55-61 '54.

SOIL CONSERVATION

Erosion control on virgin lands. S. P. IArkov. Nauka i pered. op. v sel'khoz. no. 7:19-22 Jl '56.

Save the soil! G. Rudenko. Nauka i pered. op. v sel'khoz. no. 7:23-24 Jl '56.

Turning up water-retaining ridges. V. V. IArovenko, I. S. Aliev. Zemledelie 4 no. 9:126-127 S '56.

SOIL CONSERVATION—BIBLIOGRAPHY see Bibliography—Soil conservation

SOIL CULTIVATION see Tillage

SOIL EROSION see Erosion

SOIL FERTILITY—BIBLIOGRAPHY see Bibliography—Soil fertility

SOIL FREEZING

Calculating the depth of soil freezing. I. I. Prokhorov. Trudy KazNIGMI no. 5:101-115 '55.

Electric controlling of the freezing process in sinking foundation pits. F. E. Are. Nov. tekh. i pered. op. v stroi. 18 no. 9:21-23 S '56.

SOIL HEATING

(see also subdivision under France)

New method for the electric heating of hotbeds. M. I. Oranskii, B. A. Deev. Nauka i pered. op. v sel'khoz. no. 7:49-50 Jl '56.

Use of infrared rays to heat the ground in digging trenches in winter. IA. V. TSyrul'nik. Elek. sta. 27 no. 8:47 Ag '56.

SOIL INOCULATION

(see also subdivision under Rostov Province)

Effect of phosphorobacterin on yields and protein content of winter wheat, corn and soybeans. I. S. Kudashev. Dokl. Akad. sel'khoz. 21 no. 8:20-23 '56.

Our experience in using bacterial fertilizers. G. P. Kiselev, V. S. Golubykh. Ud. i ur. 1 no. 8:56-57 Ag '56.

SOIL MECHANICS

Allowing for horizontal stresses in calculating subsidences. I. Z. Lobanov. Gidr. stroi. 26 no. 8:51-54 S '56.

Calculating the stability of sandy slopes by the methods of the theory of limit of equilibrium. V. G. Berezantsev. Trudy TSNIIS no. 18:32-52 '56.

Contour shapes of uniformly stable slopes. I. S. Mukhin, A. I. Spagovich. Inzh. sbor. 23:121-131 '56.

Determining the filling pressure on steep bulkheads. Z. N. Buts'ko. Inzh. sbor. 23:132-137 '56.

Investigation of plane contact problems for soils by means of photoelasticity. A. IA. Aleksandrov and others. Trudy NIIZHT no. 11:89-101 '55.

Laboratory investigations of the characteristics of resistance of sand to shear. N. N. Sidorov. Trudy TSNIIS no. 18:53-64 '56.

Problems on the bending of plates supported by an elastic semispace. A. G. Ishkova, A. N. Tulaikov. Inzh. sbor. 23:47-62 '56.

Rizaev, Sh. R. [Theory of soil resistance to displacement] K teorii soprotivleniia gruntov sdvigu. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR, 1956. 48 p.

Seepage in loess rocks in canals and subsidence phenomena on irrigated fields. I. G. Glukhov. Gidr. i mel. 8 no. 10:9-16 O '56.

Using experimental data of laboratory and field soil investigations for calculating the settling of buildings. A. N. Safarian. Trudy Inst. stroi. dela AN Gruz. SSR 4:239-250 '53.

SOIL MICRO-ORGANISMS

(see also subdivision under Irpen Valley; Tajikistan)

Direct observation of soil microflora for the prevention of the oxidation of beer in the acetone-butyl industry. M. N. Chernobyl'skaia. Nauk. zap. Kiev. un. 8 no. 3:33-39 '49.

Origin of soil algae. V. V. Mel'nikova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:73-81 '55.

Results of comparative analyses of soil mixtures with and without changing sterilized pipettes. A. F. Zakharchenko. Izv. Otd. est. nauk AN Tadzh. SSR no. 12: 69-77 '55.

SOIL MICRO-ORGANISMS—BIBLIOGRAPHY see Bibliography—Soil micro-organisms

SOIL MOISTURE

(see also subdivision under Polesye; Tajikistan; Ukraine)

All-purpose moisture meter. P. P. Teterin. Gidr. i mel. 8 no. 9:56-57 S '56.

Effect of saturation irrigation on the displacement of phase development of fruit crops. E. G. Mukhina. Trudy Ukr. NIGMI no. 3:61-63 '55.

Effect of the composition of colloidal minerals on the hydrophysical properties of cohesive soils. I. D. Sidleta'kyi, A. K. Larionov. Nauk. zap. Kiev. un. 13 no. 4:55-61 '54.

Rapid method for determining the moisture content of soils used in earthworks. A. S. TSeitlin, L. M. Bulgakova. Gidr. i mel. 8 no. 9:58-60 S '56.

Role of shelterbelts in increasing soil moisture due to snow accumulation. A. L. Molchanov. Trudy Ukr. NIGMI no. 3:33-39 '55.

Soil moisture cycle of some plant associations in the deserts of the southern Balkhash region. E. N. Blagoveshchenskii. Trudy Inst. bot. AN Kazakh. SSR 3:203-211 '56.

Soil moisture measurement on the basis of ohmic resistance of carbon electrodes in glass wool placed in the soil. A. I. Danilin. Meteor. i gidrol. no. 7:40-44 Jl '56.

Some data on evaporation and temperature in cultivated and virgin swamplands. V. F. Shchebka. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:224-240 '55.

Water conditions of soil under cover of forest plantations. A. S. Skorodumov. Trudy Ukr. NIGMI no. 3:40-46 '55.

Water-retention capacity of creeping slopes. I. M. Konovalov, A. K. Giul'. Dokl. AN Azerb. SSR 12 no. 9:675-681 '56.

SOIL PERCOLATION

Calculating steady inflow in wells following a drop in the level of underground water. Inzh. sbor. 23:147-157 '56.

Comparing some methods used for the determination of the water-permeability of soils. S. A. Vladychenskii, E. D. Batrova. Vest. Mosk. un. 11 no. 5:91-95 My '56.

Druzhinin, N. I. [Electrohydrodynamic analogy and its use in filtration research] Metod elektrogidrodinamicheskikh analogii i ego primenenie pri issledovanii fil'tratsii. Pod red. V. I. Aravina. Moskva, Gos. energ. izd-vo, 1956. 346 p.

IPM the electrointegrator for natural modeling. P. Fil'chakov. Nauk. zap. Kiev. un. 11 no. 7:95-104 '52.

Method for calculating the steady inflow of underground water in wells following a drop in the water level. I. A. Charnyi. Izh. sbor. 23:158-163 '56.

Seepage in loess rocks in canals and subsidence phenomena on irrigated fields. I. G. Glukhov. Gidr. i mel. 8 no. 10:9-16 O '56.

Taking the permeability of sheet piling into consideration in calculating water seepage through concrete dam foundations. S. N. Numerov. Inzh. sbor. 23:164-173 '56.

Unsteady seepage through slanting impervious rocks. V. M. Sheshtakov. Dokl. AN SSSR 109 no. 5:781-784 Je '56.

SOIL PHYSICS

Correcting densimeter readings. S. K. Zaleskii. Sel'khozmashina no. 8:24-26 Ag '56.

Fertilizers developing soil structure. P. V. Verakinis. Ud. i ur. 1 no. 8:7-12 Ag '56.

SOIL PHYSICS—BIBLIOGRAPHY see Bibliography—Soil physics

SOIL POLLUTION

"Micro-organisms and self-sterilization of the soil." E. N. Mishustin, M. I. Portnovskaia. (Reviewed by L. B. Dolivo-Dobrovol'skii.) Mikrobiologiia 25 no. 4:514-516 Jl-Ag '56.

SOIL RESEARCH

Unite the efforts of soil scientists. I. V. Tiurin. Nauka i pered. op. v sel'khoz. no. 8:6-7 Ag '56.

Use of radioactive isotopes in engineering research. A. N. Glazov. Gidr. i mel. 8 no. 9:13-19 S '56.

SOIL STABILIZATION

Electrochemical stabilization of ribbon clay. D. I. Solntsev. Transp. stroi. 6 no. 8:20-21 Ag '56.

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva. Tekhnicheskoe upravlenie. [Instructions for surface compaction of soils for building and structure foundations by means of heavy tamping machines] Ukazaniia po poverkhnostnomu uplotneniiu gruntov v osnovanii zdanii i sooruzhenii tiazhelymi trambovkami. U136-55/ Minstroi, Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 16 p.

Selecting basic parameters for the working parts of tamping machines for soil consolidation. N. P. Voshchinin. Stroi. i dor. mashinostr. no. 7:10-13 Jl '56.

SOILS

(see also subdivision under Akmolinsk Province; Asia Central; Russia, Southern; Ukraine)

Deepening the top layer of irrigated Chestnut and Light Chestnut soils. N. I. Dal'skii. Zemledelie 4 no. 9: 77-82 S '56.

Organic matter of Chestnut and basin soils in arid regions of southeastern Russia [with French summary in insert]. T. V. Glotova. Pochvovedenie no. 6:45-58 Je '56.

Seasonal dynamics of some soil formation processes [with French summary in insert]. S. P. IArkov. Pochvovedenie no. 6:30-44 Je '56.

Significance of the soil in the origin and evolution of insects [with summary in English]. M. S. Gilarov. Ent. oboz. 35 no. 3:487-494 '56.

SOILS (Continued)
Study the soil. M. N. Malyshkin. Nauka i pered. op. v sel'khoz. no. 8:80-81 Ag '56.

SOILS—ANALYSIS
Making the mechanical analysis of soil more precise and classifying soils according to their mechanical composition [with French summary in insert]. N. A. Kachinskii. Pochvovedenie no. 6:1-14 Je '56.
A new soil sampler. K. I. Mosolov. Nauka i pered. op. v sel'khoz. no. 8:64 Ag '56.

SOILS—BACTERIOLOGY
The All-Union Conference on Bacterial Fertilizers. O. I. Bershova. Mikrobiologiia 25 no. 4:517-520 Jl-Ag '56.
"Micro-organisms and self-sterilization of the soil." E. N. Mishustin, M. I. Pertsovskaia. (Reviewed by L. B. Dolivo-Dobrovol'skii.) Mikrobiologiia 25 no. 4:514-516 Jl-Ag '56.
Results of the discussion on tasks in the field of soil microbiology. A. A. Imshenetskii. Mikrobiologiia 25 no. 3:331-341 My-Je '56.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CLASSIFICATION
General classification of soils [with French summary in insert]. E. N. Ivanova. Pochvovedenie no. 6:82-102 Je '56.
Genetic classification of soils. K Kiritsa. Pochvovedenie no. 6:103-109 Je '56.
Making the mechanical analysis of soil more precise and classifying soils according to their mechanical composition [with French summary in insert]. N. A. Kachinskii. Pochvovedenie no. 6:1-14 Je '56.
Principles of establishing a genetic soil classification system [with German summary in insert]. N. N. Rozov. Pochvovedenie no. 6:76-81 Je '56.
Study of soil insects as a method for classifying soils [with summary in English]. M. S. Gilliarov. Ent. oboz. 35 no. 3:495-502 '56.

SOILS, PODZOLIC see Podzol

SOIMONOV, FEDOR IVANOVICH, 1682-1780
"F. I. Soimonov, the first Russian hydrographer." V. G. Goncharov. Reviewed by K. I. Shafranovskii, E. A. Kniazhetskaia. Izv. Vsos. geog. ob-va 88 no. 4:403-404 Jl-Ag '56.

SOLAR CORONA see Sun—Corona

SOLAR ENERGY
The first in the world. Sov. Soiuz no. 10:32 O '56.
Solar electric power station. K. B. Ukraina no. 17:11 S '56.
Solar energy (From: "Electrical Supervisor" no. 3, '50). A. I. Bukshtab. Prom. energ. 11 no. 7:32 Jl '56.

SOLAR PHYSICS see Sun

SOLAR RADIATION
(see also subdivision under Kiev; Odessa)
Calculating atmospheric absorption in connection with photographing heavenly objects in panchromatic photolayers. V. I. Ivanikov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:53-61 '50.
Determination of the stellar magnitude of the sun. Z. V. Kariagina. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:85-105 '55.

SOLAR SPECTRUM see Spectrum, Solar

SOLAR SYSTEM
Some regularities in the correlation of comets, meteors and asteroids. L. A. Katasev. Biul. Stal. astron. obser. no. 14:5-11 '55.

SOLDER AND SOLDERING
Brittle breaking of IKhIZ steel during soldering. I. A. Zaks and others. Energomashinostroenie no. 9:15-19 S '56.

SOLDIERS—EDUCATION, NONMILITARY
Lukanin, V. M. [The strength of the Soviet soldier lies in his political consciousness] V politicheskoi soznatel'nosti - sila sovetskogo voina. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 54 p.

SOLDIERS—HYGIENE see Military hygiene

SOLDIERS' MONUMENTS see subdivision under Kiev

SOLID SOLUTIONS see Solutions, Solid

SOLIDS
Dilatometry of solids and some of its applications. P. G. Strelkov. Zhur. neorg. khim. 1 no. 6:1350-1357 Je '56.

SOLONETZ SOILS
Quality of published works ("Improvement of Solonetz soils" and "Soils of the Ukrainian S. S. R." Reviewed by B. I. Laktionov). Pochvovedenie no. 6:125-127 Je '56.

SOLOVODCHIKOV, DMITRII DMITRIEVICH, 1893-1956
Dmitrii Dmitrievich Slobodchikov. Zemledelie 4 no. 9: 128 S '56.

SOLUBILITY
Investigating the solubility of metaniobates of some bivalent metals. A. V. Lapitskii, V. A. Pchelkin. Vest. Mosk. un. 11 no. 5:69-74 My '56.
Kinetic determination of solubility. A. B. Zhdanovskii. Zhur. neorg. khim. 1 no. 6:1270-1283 Je '56.
Solubility isotherm analysis of the $NiSO_4$-$CoSo_4$-$H_2O$ (20°) system for comparing the characteristics of equilibrium study techniques. Nauk. zap. L'viv. un. 34:56-63 '55.
Solubility of not readily soluble complex compounds of certain cations formed under the influence of Reinecke salt. I. L. Bagbanly. Dokl. AN Azerb. SSR 12 no. 7: 459-462 '56.
Solubility of zinc oxide in an aqueous solution of caustic soda. G. G. Urazov, B. M. Lifshits, V. S. Lovchikov. TSvet. met. 29 no. 7:37-42 Jl '56.
Study of solubility in the system: $K_2SO_4$ — $MgSO_4$ — $CaSO_4$ — $H_2O$ at 55°. N. V. Bodaleva, I. N. Lepeshkov. Zhur. neorg. khim. 1 no. 5:995-1007 My '56.
Study of the dissolving action of water and of mineral acids on niobium and tantalum pentoxides. A. V. Lapitskii, L. A. Pospelova, E. P. Artamonova. Zhur. neorg. khim. 1 no. 4:850-859 Ap '56.

SOLUTION (CHEMISTRY)
Basic problems in the contemporary theory of solutions. V. K. Semenchenko. Zhur. neorg. khim. 1 no. 6:1131-1140 Je '56.
Conductance in aqueous solutions of acid-salt systems. I. D. Muzyka. Zhur. neorg. khim. 1 no. 4:713-719 Ap '56.
Kinetics of the solution of solid particles in an apparatus with a mixer. G. A. Aksel'rud. Nauch. zap. LPI no. 20: 63-80 '55.
Optical properties of humate solutions and sols of humic acids. E. M. Aleksandrova, N. G. Lidina. Khim. i tekh. topl. no. 8:36-46 Ag '56.
Physicochemical study of molecular compounds in solutions based on their refractive indexes. N. F. Ermolenko, Kh. IA. Levitman. Zhur. neorg. khim. 1 no. 6:1162-1172 Je '56.
Spectrophotometric modification in the physicochemical analysis of solutions. N. P. Komar'. Zhur. neorg. khim. 1 no. 6:1243-1251 Je '56.
Structure of solutions. M. I. Shakhparonov. Zhur. neorg. khim. 1 no. 6:1194-1201 Je '56.
Use of organic coprecipitants in studying the flow of reactions in highly diluted solutions. V. I. Kuznetsov, G. V. Miasoedova. Zhur. neorg. khim. 1 no. 3:579-585 Mr '56.

SOLUTION, HEAT OF see Heat of solution

SOLUTIONS—OPTICAL PROPERTIES
Theory of light absorption and dispersion in solutions. Pt. 2. A. S. Davydov. Nauk. zap. Kiev. un. 14 no. 6:5-13 '55.

SOLUTIONS, SOLID
Seignettoelectric phase transitions in solid solutions of the perovskite type which form in certain binary systems. G. A. Smolenskii. Zhur. neorg. khim. 1 no. 8: 1402-1412 Je '56.
Solid solutions based on metal compounds. E. I. Gladyshevskii, E. E. Cherkashin. Zhur. neorg. khim. 1 no. 6:1394-1401 Je '56.

SOLUTIONS, SUPERSATURATED
Supercooling of two-component saturated solutions. E. I. Akhumov, E. V. Pylkova. Dokl. AN SSSR 108 no. 5: 857-860 Je '56.

SOLVENTS
Extraction of mercuric chloride with the aid of solvent mixtures. V. I. Kuznetsov, E. V. Mitrofanova. Zhur. neorg. khim. 1 no. 5:1117-1121 My '56.

SONGS
[Historic songs] Istoricheskie pesni. Leningrad, Sovetskii pisatel', 1956. 408 p. (Biblioteka poeta osnovana M. Gor'kim. Malaia seriia, 3. izd.)

SONGS, UKRAINIAN
His songs are still alive. Hruhorii Nud'ha. Zhovten' 6 no. 9:107-112 S '56.

SOPHORA
Study of alkaloids from the $C_{15}$ series. Part 1. Sophocarpinols. A. S. Sadykov, O. S. Otroshchenko, IU. K. Kushmuradov. Zhur. ob. khim. 26 no. 7:2066-2068 Jl '56.

SORGHUM
(see also subdivision under Tajikistan; United States)
Sorghum is an important source for increased feed production. B. Solov'ev. Moloch. i mias. zhiv. no. 3:34-41 My '56.

SORIA, GEORGES
In the struggle for Frank Harding; a new play by Georges Soria on the Paris stage. A. Braginskii. Teatr 17 no. 8:163-164 Ag '56.

SORPTION
Study of the exchange sorption of organic ions. A. T. Davydov, R. F. Skoblionok. Zhur. ob. khim. 26 no. 7: 1860-1862 Jl '56.

SOUND—MEASUREMENT
Decade generator for measuring infrasonic and sonic frequencies. M. P. Khottaintsev. Avtomatyka no. 2: 91-93 '56.
Sonometric technique for locating borings near mine drifts. G. T. Nesterenko. Gor. zhur. no. 9:49-51 S '56.

SOUND WAVES
Distortion and interaction of acoustic waves of finite amplitude in a viscous medium. G. D. Mikhailov. Dokl. AN SSSR 109 no. 1:68-71 Jl-Ag '56.

SOUNDING AND SOUNDINGS
Underground echo. N. Dolgopolov. Znan. sila 31 no. 9: 33 S '56.

SOUTH AFRICA, UNION OF—WOMEN—EMPLOYMENT
South African women in industry. E. R. Braverman. Vsem. prof. dvizh. no. 8:31-34 Ag '56.

SOUTH AMERICA—CANALS
Canal connecting three great rivers. V. Samokhin. Vokrug sveta no. 9:20-22 S '56.

SOUTH KOREA see Korea, South

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY
"An alliance without Asia." Nov. vrem. 14 no. 38:18 S '56.

SOVETSKAYA GAVAN'—THEATER
Sovetskaya Gavan'. Teatr 17 no. 8:125-126 Ag '56.

SOVIET
(see also subdivision under Moscow; White Russia)
Increase the activity of deputies of local soviets. D. Bakhrakh. Sov. gos. i pravo no. 6:120 '56.
The principle of socialist legality and practice promulgated in binding decrees of executive committee of local soviets; based on material of Kharkov Province. O. M. IAkuba. Sov. gos. i pravo no. 6:110-115 '56.

SOVIET CENTRAL ASIA—AFGHANS
The "Afgon," linguistically Indo-Aryan ethnographic group in Central Asia. I. M. Oranskii. Sov. etn. no. 3:117-124 '56.

SOVIET CENTRAL ASIA—ARCHIVES
At the conference of archivists of Central Asia and Kazakhstan. B. P. Tikhomirov. Ist. arkh. no. 4:236-237 Jl-Ag '56.

SOVIET CENTRAL ASIA—BEES
New and little-known bees (Hymenoptera, Apoidea) from Central Asia. V. V. Popov. Ent. oboz. 35 no. 1:159-171 '56.

SOVIET CENTRAL ASIA—CATS
Sand dune cat (Felis margarita Loche). E. V. Rotshil'd. Priroda 45 no. 9:117 S '56.

SOVIET CENTRAL ASIA—CODDLING MOTHS
The pistachio coddling moth, a pest of pistachio in Central Asia. A. M. Gerasimov, V. E. Kreitsberg. Ent. oboz. 35 no. 1:85-88 '56.

SOVIET CENTRAL ASIA—CRANE FLIES
Three new species of crane flies (Diptera, Tipulidae) in Soviet Central Asia. E. N. Savchenko. Nauk. zap. Kiev. un. 12 no. 3:101-109 '53.

SOVIET CENTRAL ASIA—CYCLONES
Frequency of southern cyclones over Central Asia and Kazakhstan. L. N. Komissarova. Trudy KazNIGMI no. 5:116-121 '55.

SOVIET CENTRAL ASIA—DATOLITE
Discovery of datolite in Central Asia. M. Z. Kantor. Dokl. AN Tadzh. SSR no. 15:25-26 '56.

SOVIET CENTRAL ASIA—DESCRIPTION AND TRAVEL
Through ancient Sogdiana. N. I. Leonov. Zvezda Vost. 24 no. 7:94-101 Jl '56.

SOVIET CENTRAL ASIA—FIELDS CROPS
Role of fertilizers in obtaining high yields of tobacco and other crops on sierozems of Central Asia. M. M. Vitovetskii. Ud. i ur. 1 no. 6:35-39 Ag '56.

SOVIET CENTRAL ASIA—FORESTS AND FORESTRY
Sredneaziatskii nauchno-issledovatel'skii institut lesnogo khoziaistva. [Advanced experience in silviculture in Central Asia] Peredovoi opyt lesorazvedeniia v Srednei Azii. Tashkent, Gos. izd-vo UzSSR.
No. 2. 1955. 69 p.
DA

SOVIET CENTRAL ASIA—GEOLOGY, STRATIGRAPHIC
Akademiia nauk Uzbekskoi SSR, Tashkent, Institut geologii. [Transactions of the all-Union working congress on the results of the study of the Quaternary Period, in Tashkent in 1948] Trudy vsesoiuznogo rabochego soveshchaniia po itogam izucheniia chetvertichnogo perioda v gor. Tashkente v 1948 g. Tashkent, 1953. 263 p.

SOVIET CENTRAL ASIA—INDO-ARYAN LANGUAGES, MODERN

Preliminary information about a dialect of India discovere in Central Asia [with English summary in insert]. I. M. Oranskii. Sov. vostokoved. no. 4:144-151 '56.

SOVIET CENTRAL ASIA—LEPIDOPTERA

Distribution and biology of celerio centralasiae Sigr. IU. L. Shchetkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:89-92 '52.

SOVIET CENTRAL ASIA—MOTHS

Two new species of geometrid moths from Central Asia. IU. L. Shchetkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:161-169 '56.

SOVIET CENTRAL ASIA—PALEOBOTANY

A new Tertiary representative of the family Ebenaceae in Central Asia. E. P. Korovin. Bot. zhur. 41 no. 6:830 835 Je '56.

SOVIET CENTRAL ASIA—PASTURES AND MEADOWS

Changes caused by grazing in the vegetation of sheep pastures in the clayey deserts and piedmont semideserts of Central Asia. L. S. Gaevskaia, E. S. Krasnopolin. Bot. zhur. 41 no. 7:962-975 Jl '56.

SOVIET CENTRAL ASIA—ROBBER FLIES

New genus of robber flies (Diptera, Asilidae) from Kazakhstan and Central Asia. L. A. Zinov'eva. Ent. oboz. 35 no. 1:196-200 '56.

SOVIET CENTRAL ASIA—WEEVILS

New weevils (Coleoptera, Curculionidae) from Central Asia [with summary in English]. L. V. Arnol'di. Ent. oboz. 35 no. 3:680-695 '56.

SOVIET FAR EAST—ACTINIDIA

Actinidia. A. Nechaev. Znan. sila 31 no. 8:34 Ag '56.

SOVIET FAR EAST—AGRICULTURE

The Far East must provide its own food and raw materials. A. G. Novak. Nauka i pered. op. v sel'khoz. no. 8:16-17 Ag '56.

SOVIET FAR EAST—FOREST ECOLOGY

Decisive ecological factor in the ontogenic development of arborescent plants on the Far Eastern bottom lands. A. P. Nechaev. Bot. zhur. 41 no. 7:1028-1035 Jl '56.

SOVIET FAR EAST—INVERTEBRATES

"Atlas of invertebrates of the Far Eastern waters of the U.S.S.R." Reviewed by V. G. Bogorov. Zool. zhur. 35 no. 8:1266-1267 Ag '56.

SOVIET FAR EAST—MARINE FAUNA

"Atlas of invertebrates of the Far Eastern waters of the U.S.S.R." Reviewed by V. G. Bogorov. Zool. zhur. 35 no. 8:1266-1267 Ag '56.

SOVIET FAR EAST—PETROLEUM INDUSTRY

Industrial practices in petroleum preparation and gas processing in the East. N. D. Gritsev, A. N. Vereshchagin. Gaz. prom. no. 10:30-34 O '56.

SOVIET UNION see Russia

SOYBEAN

Changes in protein complex of soya during its processing for oil extraction. I. F. Belikov. Masl.-zhir. prom. 21 no. 5:14-17 '56.

SPACE STATIONS

Artificial earth satellite. V. Dobronravov. Mosk. prop. 13 no. 8:68-72 Ag '56.

Experimental verification of the general theory of relativity and the artificial earth satellites. V. L. Ginzburg. Priroda 45 no. 9:30-39 S '56.

SPAIN—WATER SUPPLY

Water supply and utilization in Spain. S. M. Perekhrest. Gidr. i mel. 8 no. 10:50-60 O '56.

SPANISH LANGUAGE—DICTIONARIES—RUSSIAN

"Spanish-Russian dictionary." Reviewed by N. D. Arutiunova. Vop. iaz. 5 no. 4:134-138 Jl-Ag '56.

SPANISH LANGUAGE—NOUN

Compound nouns of the type "el guardabosque" in modern Spanish. N. D. Arutiunova. Dokl. i soob. Inst. iaz. no. 10:156-179 '56.

SPARK, ELECTRIC see Electric spark

SPARK PLUGS

Increasing the spark gap of spark plugs and the requirements for automobile ignition systems. A. I. Vanеev, A. S. Skoblikov. Avt. i trakt. prom. no. 8:26-28 Ag '56.

SPARROWS see subdivision under Kazakhstan

SPECIAL LIBRARIES see Libraries, Special

SPECIES, ORIGIN OF

Biological species and species formation. T. D. Lysenko. Agrobiologiia no. 4:3-30 Jl-Ag '56.

Elucidation of the problem of species and the formation of species in the periodical "Estestvoznanie v shkole." V. I. Polianskii. Bot. zhur. 41 no. 7:1046-1050 Jl '56.

SPECTROPHOTOMETRY

Methods of studying the luminescence of petroleum and bitumen by means of the comparative microscopic-spectrophotometer. S. P. Maksimov, V. A. Shamburov, R. G. Pankina. Neft. khoz. 34 no. 8:58-60 Ag '56.

Spectrophotometric analysis of the chemical sensitivity of photographic emulsions. Zh. L. Broun, E. A. Kirillov, K. V. Chibisov. Zhur. nauch. i prikl. fot. i kin. 1 no. 2: 98-110 Mr-Ap '56.

Spectrophotometeric determination of dehydrogenase activity in green suspensions [with English summary in insert]. E. S. Mikhailova, G. P. Brain. Biokhimiia 21 no. 4:444-447 Jl-Ag '56.

Spectrophotometric modification in the physicochemical analysis of solutions. N. P. Komar'. Zhur. neorg. khim. 1 no. 6:1243-1251 Je '56.

Spectrophotometry of faculae in active areas in 1955. O. A. Mel'nikov, S. S. Zhuravlev. Vest. Len. un. 11 no. 13:124-133 '56.

Stellar scintillation and its compensation during the photoelectric registration of stellar spectra. N. F. Kuprevich. Astron. zhur. 33 no. 3:348-367 My-Je '56.

SPECTRUM, ATOMIC

Systematizing atomic spectra. I. G. Grinman, S. K. Kalinin, V. L. Marzuvanov. Vest. AN Kazakh. SSR 12 no. 9:85-89 S '56.

SPECTRUM, INFRARED

Calculation, production, and examination of polarizing plates. M. P. Lisitsa, A. A. Shishlovskii. Nauk. zap. Kiev. un. 14 no. 8:141-157 '55.

SPECTRUM, MOLECULAR

Absorption and luminescence spectra of polyatomic molecules. V. M. Agranovich, A. S. Davydov. Nauk. zap. Kiev. un. 14 no. 8:15-20 '55.

Investigating emission spectra of molecules with the aid of electrodeless discharges. L. K. Klimovskaia, R. A. Kravchenko-Berezhnoi. Dop. ta pov. L'viv. un. no. 5, pt. 2:76-77 '55.

SPECTRUM, SOLAR

Photoelectric recording of the $\lambda$5303 Å emission line of the solar corona by means of a spectrometer and a coronograph in the absence of eclipse. M. G. Karimov, V. I. Moroz. Dokl. AN SSSR 109 no. 3:469-471 Jl '56.

SPECTRUM, ULTRAVIOLET

Luminiscent heterochromous photometry in the ultraviolet spectrum. K. Kondilenko, B. N. Stetsenko. Nauk. zap. Kiev. un. 14 no. 8:137-140 '55.

SPECTRUM ANALYSIS

Conference on the spectroscopy of dispersion systems. K. S. Lialikov. Zhur. nauch. i prikl. fot. i kin. 1 no. 4: 312-313 Jl-Ag '56.

SPECTRUM OF THE STARS see Stars—Spectra

SPEECH

Fifth conference on the problems of speech perception. V. A. Artemov. Vop. psikhol. 2 no. 4:168-170 Jl-Ag '56.

Rozental', D. E. [Speech cultivation for the speaker] Kul'tura rechi lektora. Moskva, Gos. izd-vo Kul'turno-prosvetitel'noi lit-ry, 1956. 39 p. (Bibliotechka v pomoshch' lektoru, no. 19)

SPEECH-READING see Deaf—Means of communication

SPEED

Liapunov, B. V. [The struggle for speed] Bor'ba za skorost'. Perer. izd. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 207 p.

SPERMATOZOA

Mechanism of detachment of spermatozoa and their release from the seminal vesicle. L. B. Vagner. Trudy endok. i gorm. 2 no. 2:81-87 Mr-Ap '56.

SPIES see subdivision under Germany, West

SPIKES see Nails and spikes

SPILLWAYS

Agasieva, S. I. [Secondary spillways and trench spillways] Bokovye vodosbrosy i transheinye vodosbrosy. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitektуre, 1956. 83 p.

Effect of ejection on a hydroelectric power station combined with a spillway dam. A. S. Ottsenov, V. M. Sokolov. Trudy gidrav. lab. VODGEO no. 4:164-175 '55.

Hydraulic calculation of spillways on pent foundations. S. A. Adzherikho. Trudy Inst. mat., vod. i tep., Otd. AN BSSR 6:266-280 '55.

SPINAL ANESTHESIA

Investigation of vascular tonus by means of finger plethysmography in peridural anesthesia, in surgery, and in traumatic shock. L. D. Karpilovskii. Klin. med. 24 no. 6:57-66 Je '56.

Peridural anesthesia [with summary in English, p. 156] M. IA. Chkheidze. Vest. khir. 77 no. 7:66-69 Jl '56.

SPINAL CORD

Accomodation capacity of the cardiovascular system during blood loss in dogs following high total transection of the spinal cord. N. S. Dzhavadian. Fiziol. zhur. 42 no. 7:563-568 Jl '56.

Action currents of the spinal cord in frogs. Report 3. D. S. Vorontsov. Nauk. zap. Kiev. un. 8 no. 7:5-40 '49 [1. e. '49].

Electric potentials of the spinal cord in frogs during stimulation of the skin. I. Derkov, A. Bulliuk. Nauk. zap. Kiev. un. 8 no. 7:241-247 '50 [1. e. '49].

Formation and embryonic histogenesis of the spinal cord in the rabbit and their relation to the development of motor functions. E. I. Kalinina. Arkh. anat., gist. i embr. 33 no. 2:22-29 Ap-Je '56.

Histochemical investigation of developing motor cells of the spinal cord in the white mouse. L. B. Levinson, P. A. Tokhtamysova. Dokl. AN SSSR 109 no. 3:631-634 Jl '56.

Mechanism and location of Sechenov's inhibition of spinal reflexes. E. V. Sokolova. Vest. Len. un. 14 no. 15:117-125 '56.

New scientific work ("Mechanisms of the effects of afferent stimulations," M. G. Durmishi'ian. Reviewed by L. S. Gambarian, G. E. Grigorian). Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 8:101-103 Ag '56.

Nucleic acids in motor cells of the spinal cord and in sensory cells of the spinal ganglion at certain developmental stages of chicken embryos. L. B. Levinson, E. V. Annova. Dokl. AN SSSR 109 no. 2:361-363 Jl '56.

SPINAL CORD—INFLAMMATION

Clinical aspects and treatment of arachnitis. M. IA. Turetskii. Fel'd. i akush. 21 no. 7:3-6 Jl '56.

SPINAL CORD—WOUNDS AND INJURIES

Spinal shock resulting from traumas of the posterior spinal column. L. S. Gambarian. Dokl. AN SSSR 109 no. 1:221-224 Jl-Ag '56.

SPINE—ABNORMITIES AND DEFORMITIES

Prevention of curvature of the spine in children. N. P. Kizimova. Fel'd. i akush. 21 no. 7:38-39 Jl '56.

SPINE—DISEASES

"Exercise therapy in posture disorders and scoliosis in school children." A. D. Rubtsova. Reviewed by V. Garinevskaia. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:86-87 Jl-S '56.

SPINE—TUBERCULOSIS

Surgical treatment of hypostatic abscesses in tuberculous spondylitis. M. L. Shulutko, N. P. Elokhina. Khirurgiia 32 no. 6:62-65 Je '56.

SPINELS

Interaction of chromospinelide with magnesioferrite on heating. L. I. Kariakin, P. D. Piatikop, B. IA. Sukharevskii. Dokl. AN SSSR 109 no. 5:1009-1011 Ag '56.

SPINNING

Effect of the movement in length of yarn on tension in spinning. E. D. Mizonov. Tekst. prom. 16 no. 8:27 Ag '56.

New method of spinning. V. V. Kokorin. Tekst. prom. 16 no. 8:66 Ag '56.

SPINNING MACHINERY

Basic trends in the development of silk spinning machinery. N. N. Arsen'ev. Tekst. prom. 16 no. 8:28-32 Ag '56.

Glushchenko, E. I. [The lapping of spinning rings; efficient procedures] Dovodka priadil'nykh kolets; ratsional'nye metody. Tashkent, Gos. izd-vo UzSSR, 1954. 32 p.

Redesign of the drawerhead on a roving machine for silk. V. M. Kan. Tekst. prom. 16 no. 8:48-50 Ag '56.

SPLEEN
Growth promoting substances of the liver and spleen. G. P. Mushegian. Dokl. AN Arm. SSR 9 no. 2:91-92 '48.

SPONTANEOUS GENERATION
Louis Pasteur on the possibility of the origin of life from nonliving matter. S. L. Sobol'. Vop. ist. est. i tekh. no. 1:116-123 '56.

SPORTS
(see also subdivision under Ashkhabad; China; Dinskaya; Fergana; Japan; Kazakhstan; Kirghizistan; Koren, North; Latvia; Moscow; Poltava District; Pyongyang, Korea; Saratov Province; Uzbekistan; White Russia)
After the flag has been dropped. F. Rozina, L. Libkind. Rabotnitsa 34 no. 9:13-14 S '56.
Athletes celebrate their victory; photos. A. Bochinin and others. Ogonek 34 no. 35:26-27 Ag '56.
Festival of strength and youth; interview with K. A. Andrianov. Smena 33 no. 15:1 Ag '56.
Festival of the strong and bold. Smena 33 no. 16:12-13 Ag '56.
The greatest sports event of our time. Sp. igry 2 no. 7:1 Jl '56.
In the All-Union Committee. Sp. igry 2 no. 6:32 Je '56.
In the All-Union Committee. Sp. igry 2 no. 7:32 Jl '56.
In the large family of Soviet sportsmen. A. Basmanov. Sots. obesp. 17 no. 5/6:56-58 My-Je '56.
Motylianskaia, R.E. [Sports and age] Sport i vozrast. Moskva, Medgiz, 1956. 301 p. (DAFM)
Preparing for the Spartakiada. Prof.-tekh. obr. 13 no. 7:24-25 Jl '56.
The road to Melbourne. Martyn Merzhanov. IUnost' no. 10:108-111 O '56.
Spartakiada of the peoples of the U. S. S. R. Krest'ianka 35 no. 9:29 S '56.
Spartakiada of the peoples of the U. S. S. R. M. Polotelov. Sots. kul't. 10 no. 8:30-31 S '56.
Spartakiada trophies. Smena 33 no. 15:23 Ag '56.
Sports. Sov. Soiuz no. 10:40 O '56.
Sports festival of the peoples of the U. S. S. R. E. Rubin. Sov. Soiuz no. 9:2-3 S '56.
Sports made us friends. Nigmat Tukhtaev. Smena 33 no. 15:7 Ag '56.
Sudak, A.G. [With the strength of youth] Silami molodezhi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 55 p. (Bibliotechka komsomol'skogo aktivista)
There won't be any wind. M. Sinitsyn. Smena 33 no. 15: 24 Ag '56.
They represent millions. Smena 33 no. 15:16 Ag '56.
This is youth. Prof.-tekh. obr. 13 no. 7:23 Jl '56.
Toward the Spartakiada. Discussion with N. N. Romanov, chairman of the Committee on Phyical Culture and Sports of the Council of Ministers of the U. S. S. R. Voen. znan. 31 no. 6:1 Je '56.
Under the banner of the Spartakiada. M. Martynov. Smena 33 no. 15:4-5 Ag '56.
Winter tournament of athletes of the "Neftianik" Volunteer Sport Society. E. F. Slatkina. Neftianik 1 no. 4: 34-35 Ap '56.
Youth is the winner and friendship is the first prize. Mol. mira no. 8:10 '56.

SPORTS—ACCIDENTS AND INJURIES
Preventing injuries occurring in soccer. E. N. Klobukov. Fel'd. i akush. 21 no. 9:12-14 S '56.

SPOT TESTS (CHEMISTRY)
Drop test with copper sulfate for carboxyhemoglobin. G. A. Stepanskii. Lab. delo 2 no. 3:13-14 My-Je '56.

SPRATS
Mechanized cannery for processing sprat. I. Sh. Tliktiaev. Ryb. khoz. 32 no. 8:29-33 Ag '56.

SPRAY IRRIGATION see Sprinkler irrigation

SPRAY PAINTING
Mechanization of ship painting. L. M. Vidutskii. Sudostroenie 22 no. 7:35-36 Jl '56.

SPRAYING AND DUSTING
(see also subdivision under Kuban)
Develop aerosol methods. G. I. Korotkikh. Zashch. rast. ot vred. i bol. 1 no. 3:16-18 Jl-Ag '56.
For a high quality of airplane dusting. I. V. Sazonov. Zashch. rast. ot vred. i bol. 1 no. 2:13-14 My-Je '56.
Protect crops against shield bugs. A. A. Trofimova, V. P. Viazovets, I. T. Grigorenko. Zashch. rast. ot vred. i bol. 1 no. 2:36-40 My-Je '56.

SPRAYING AND DUSTING EQUIPMENT
Exhaust dusters. D. M. Palkin, V. F. Dunskii. Zashch. rast. ot vred. i bol. 1 no. 2:19-21 My-Je '56.
Machines for orchard spraying. G. I. Bragin. Zashch. rast. ot vred. i bol. 1 no. 2:22-23 My-Je '56.
Mast spraying of fruit trees. IA. A. Meisakhovich. Dokl. Akad. sel'khoz. 21 no. 8:41-44 '56.
Organize efficiently the work with tractor-mounted dusting and spraying equipment. N. A. Glushenkov. Zashch. rast. ot vred. i bol. 1 no. 3:5-7 Jl-Ag '56.
Selecting sugar beet sprayers. IA. A. Meisakhovich. Zashch. rast. ot vred. i bol. 1 no. 3:18-22 Jl-Ag '56.
Spray gun for lubricating molds in the manufacture of glass containers. K. P. Kurdiumov. Stek. i ker. 13 no. 9:29 S '56.
Testing the ONK sprayer-duster. S. F. Prokopenko. Zashch. rast. ot vred. i bol. 1 no. 2:17-18 My-Je '56.
Using the SUZ tractor-mounted fertilizer spreader for scattering bait. I. K. Tardzhemanov. Zashch. rast. ot vred. i bol. 1 no. 2:23-24 My-Je '56.

SPRINGS see subdivision under Karymshchina Valley Kunashir Island; Tuva Autonomous Province

SPRINGS (MECHANISM)
"Dry" hardening of leaf springs. M. S. Khvalov. Vest. mash. 36 no. 6:56 Je '56.

SPRINKLER IRRIGATION
Efficient method of watering orchards of workers and employees. G. N. Gusev. Sad i og. no. 8:59-60 Ag '56.

SPRINKLERS
Performance of the DDP-30 sprinkler with a delivery conduit. V. V. Beliaev. Sad. vin. Mold. 11 no. 4:82-83 Jl-Ag '56.

SPRUCE see subdivision under Ala-Atau

SQUARES, LEAST see Least squares

SQUIRRELS
(see also subdivision under Caucasus)
Migration of squirrels in the U. S. S. R. I. D. Kiris. Trudy VNIO no. 16:3-41 '56.

SSU-MA, CH'IEN, c. 145-c 80 B. C.
The life and work of Sau-ma Ch'ien [with English summary in insert]. L. I. Duman. Sov. vostokoved. no. 4:90-100 '56.

STABILITY
Theory of Lapunov's second method in studying the steadiness of motion. N. N. Krasovskii. Dokl. AN SSSR 109 no. 3:460-463 Jl '56.

STABILITY OF AUTOMOBILES
Determining side reactions acting on automobile axles during turning. IU. G. Stefanovich. Avt. i trakt. prom. no. 8:7-9 Ag '56.

STABILITY OF SHIPS
Methods of heeling a vessel at large angles. G. P. Zlobin. Sudostroenie 22 no. 7:32 Jl. '56.
Ship stabilizers. Mor. flot 16 no. 8:31 Ag '56.

STABLES
Don't commit errors in the construction of livestock buildings. K. O. Bakhmet. Sots. tvar. 28 no. 9:44-47 S '56.

STADIA TABLES
Plan of new stadia tables. A. S. Nikulin. Geod. i kart. no. 2:47-52 Ap '56.

STADIUMS see subdivision under Moscow

STAGE see Actors; Acting; Drama

STAINS AND STAINING (MICROSCOPY)
Vital staining of allantois and yolk placentas in Rodentia. M. IA. Subbotin. Dokl. AN SSSR 109 no. 2:384-386 Jl '56.

STAIR BUILDING
Precast reinforced concrete stairs made of large elements. A. Shur, G. Marlengof. Strol. mat., izdel. i konstr. 2 no. 7:18-19 Jl '56.

STALIN, IOSIF VISSARIONOVICH, 1879-1953
Khrushchev, N. S. [Khrushchev's speech at a closed session of the 20th Congress of the Communist Party of the Soviet Union; February 24-25, 1956] Rech' Khrushcheva na zakrytom zasedanii XX s"ezda KPSS; 24-25 Fevralia 1956 g. Miunkhen, 1956. 56 p.

STALINABAD—DESCRIPTION
Capital of the brotherly Tajikistan. Sots. Uz. 15 no. 9: 17 S '56.

STALINABAD PROVINCE—WORMS, INTESTINAL AND PARASITIC
Worms parasitic on the amphibians of Tajikistan. E. F. Sosnina. Trudy AN Tadzh. SSR 5:109-117 '52.

STALINGRAD—PRECAST CONCRETE
A Stalingrad plant for reinforced concrete elements. Strol. mat., izdel. i konstr. 2 no. 8:6 Ag '56.

STALINGRAD—THEATER
"Forever," Teatr 17 no. 8:128 Ag '56.
Stalingrad. Teatr 17 no. 8:123-124 Ag '56.

STALINO PROVINCE—CITIES AND TOWNS
Young Donets Basin city. Mast. ugl. 5 no. 9:29 S '56.

STALINO PROVINCE—SWINE—FEEDING AND FEEDING STUFFS
Advantages of over-all mechanization in animal husbandy. I. Kolos. Sovkhoz. proizv. no. 9:60-63 S '56.

STALINSK—METALLURGY
Research carried on at the Kuznetsk Metallurgical Combine. P. S. Plekhanov. Stal' 16 no. 8:744-746 Ag '56.

STALINSK—MOTION-PICTURE THEATERS
A reconstructed motion-picture theater. IU. Filanovskii. Kinomekhanik no. 9:12 S '56.

STALINSK—SMELTING
Kuznetsk steel smelters are lowering the consumption of ferroalloys. A. I. Borodulin, N. S. Mikhailets. Metallurg no. 8:20-21 Ag '56.

STALLIONS
Labrador, the champion at the All-Union Agricultural Exhibition of 1956. A. Kuchenev. Konevodstvo 26 no. 8:47 Ag '56.

STAMPS, POSTAGE see Postage stamps

STANDARD OF LIVING see Cost and standard of living

STANDARDS, ENGINEERING
Changes in standards. Vod. i san. tekh. no. 7:31 Jl '56.
Changes in the standards. Vod. i san. tekh. no. 9:34 Ag '56.
Departmental norms and specifications. Vod. i san. tekh. no. 9:20 S '56.
[Information index of standards.] Informatsionnyi ukazatel' standartov 17 no. 9 '56.
Results of the discussion at the all-Union conference planning the Norms and Engineering Instructions for designing sewage systems of populated places. Vod. i san. tekh. no. 9:37-38 S '56.

STANISLAV PROVINCE—CHEESE
Development of cheese making in Stanislav Province. A. Beliaev. Moloch. prom. 17 no. 8:19-22 '56.

STANISLAV PROVINCE—GOITER
Pathomorphology of endemic goiter in the Stanislav area. E. N. Isakova. Probl. endok. i gorm. 2 no. 3:22-28 My-Je '56.

STANISLAV PROVINCE—PHYSICAL GEOGRAPHY
Physico-geographical division of Stanislav Province into regions. M. M. Koinov. Nauk. zap. L'viv. un. 28:80-83 '54.

STANISLAV PROVINCE—TUBERCULOSIS
Organizing measures for controlling tuberculosis in feldsher stations. N. S. Strakhov. Fel'd. i akush. 21 no. 8:25-31 Ag '56.

STAPHYLOCOCCUS
(see also subdivision under Alma-Ata)
Case of staphylococcus poisoning from eating freshly salted herring. A. B. Gol'dberg. Gig. i san. 21 no. 9: 79-80 S '56.
Effect of pyramidon, pentoxyl, butazolidine, and dimedrol on the therapeutic effect of penicillin in experimental staphylococcal inflammatory foci in white mice. V. N. Solov'ev. Antibiotiki 1 no. 3:12-15 My-Je '56.

STARAYA LADOGA—PLOWS
Ancient tillage in Staraya Ladoga. S. N. Orlov. Krat. soob. IIMK no. 65:142-144 '56.

STARAYA LADOGA—TOMBS
A newly opened early-Slavic earthen tomb at Staraya Ladoga. S. N. Orlov. Krat. soob. IIMK no. 65:94-98 '56.

STARCH
Amylographic investigation of bread staling. N. G. Enikeeva, L. IA. Auerman. Trudy MTIPP 4:105-117 '56.
A study of enzymatic transformations of starch in potato tubers at various vegetation periods [with English summary in insert]. A. N. Petrova, T. T. Bolotina. Biokhimiia 21 no. 4:451-456 Jl-Ag '56.
Use of electric contact heating for preparing scalded wheat flour mash and for investigating the saccharification of mash. L. IA. Auerman, and others. Trudy MTIPP 4:62-70 '56.

STARS
On the origin of stars. V. G. Fesenkov. Izv. Astrofiz. Inst. An Kazakh. SSR 3 no. 4:53-67 '56.

STARS—CATALOGS
The necessity for taking into account the $\Delta\alpha_\delta$-type corrections of the FK3 in the time service [in Russian and English]. A. A. Nemiro, N. N. Pavlov. Astron. zhur. 33 no. 3:404-409 My-Je '56.

STARS—CLASSIFICATION
Physical characteristics of white dwarfs and the possibility of dividing them into two groups. P. P. Parenago. Astron. zhur. 33 no. 3:340-347 My-Je '56.
Problem of the origin and evolution of hot giants; (summary). G. M. Idlis. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:71-72 '56.
Subgiants and their relation to main sequence stars. A. G. Masevich. Astron. zhur. 33 no. 3:330-339 My-Je '56.

STARS—CLUSTERS

New star association in Cassiopeia. G.S. Badalian. Dokl. AN Arm. SSR 11 no. 2:49-52 '49.

Order of the formation of stars in associations. G.A. Gurzadian. Dokl. AN Arm. SSR 10 no. 4:153-159 '49.

The Orion association. P.P. Parenago. Astron. zhur. 33 no. 3:444-445 My-Je '56.

Potential gravitational energies of certain open star clusters [in Armenian with summary in Russian]. B.E. Tumanian. Dokl. AN Arm. SSR 9 no. 1:7-9 '48.

Protostars. V.A. Ambartsumian. Dokl. AN Arm. SSR 16 no. 4:97-102 '53.

Revised list of the O-type star associations. B.E. Markarian. Dokl. AN Arm. SSR 15 no. 1:11-15 '52.

Star association in Cepheus. V.A. Ambartsumian. Dokl. AN Arm. SSR 10 no. 5:205-207 '49.

STARS—CONSTITUTION

Calculations for a star model with center convection for different laws of absorption and its adaptation to main sequence stars. A.G. Masevich, V.P. Matveeva, L.N. Tulenkova. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:143-171 '55.

STARS—RADIATION

Conference on problems of stellar scintillation. O.A. Mel'nikov, I.G. Kolchinskii. Astron. zhur. 33 no. 3: 450-453 My-Je '56.

Field of $L_\beta$-radiation in a medium of interstellar hydrogen around a moving star. G.A. Gurzadian. Dokl. AN Arm. SSR 11 no. 2:53-57 '49.

$L_\alpha$-radiation in interstellar space. G.A. Gurzadian. Dokl. AN Arm. SSR 9 no. 4:151-155 '48.

Polarization of the radiation of stars of earlier spectral types. V.A. Dombrovskii. Dokl. AN Arm. SSR 10 no. 5:199-207 '49.

STARS—SPECTRA

One parameter of a continuous star spectrum. L.V. Mirzoian. Dokl. AN Arm. SSR 16 no. 5:129-136 '53.

Stellar scintillation and its compensation during the photoelectric registration of stellar spectra. N.F. Kuprevich. Astron. zhur. 33 no. 3:348-367 My-Je '56.

Using two-color diagrams for the study of the law of interstellar light absorption. A.S. Sharov. Astron. zhur. 33 no. 3:445-446 My-Je '56.

Variation in the intensity of bright bands in the spectrum of Novo Herculis 1934. M.A. Bazhenov. Astron. zhur. 33 no. 3:368-376 My-Je '56.

STARS, DOUBLE

CE Cassiopeiae. V. Zonn. Astron. tsirk. no. 169:9 '56.

Statistics of double stars of the Wolf-Rayet type. L.V. Mirzoian. Dokl. AN Arm. SSR 10 no. 5:193-197 '49.

STARS, NEW

Correction to V.L. Ginzburg, S.B. Pikel'ner, and I.S. Shklovskii's article "The mechanism of particles acceleration in envelopes of novae and supernovae." (Astronomicheskii zhurnal 32; 503 '55). Astron. zhur. 33 no. 3:447 My-Je '56.

Variation in the intensity of bright bands in the spectrum of Nova Herculis 1934. M.A. Bazhenov. Astron. zhur. 33 no. 3:368-376 My-Je '56.

STARS, VARIABLE

CE Cassiopeiae. V. Zonn. Astron. tsirk. no. 169:9 '56.

Cepheid SS Canis Majoris. G.E. Erieksova. Biul. Stal. astron. obser. no. 14:32-34 '55.

Cepheids VW and VZ Puppis. N.M. Shakhovskoi. Biul. Stal. astron. obser. no. 14:14-21 '55.

An eclipsing variable in Perseus. V.P. TSesevich. Astron. tsirk. no. 170:12 '56.

Five RR Lyrae stars. V.P. TSesevich. Astron. tsirk. no. 170:13 '56.

Long-period Cepheid RV Scorpionis. G.E. Erieksova. Biul. Stal. astron. obser. no. 16:24-28 '56.

Maxima of Mira Ceti stars. A.V. Solov'ev. Astron. tsirk. no. 170:18-20 '56.

New long-period Cepheid KZP 4952. G.E. Erieksova Astron. tsirk. no. 170:18 '56.

New variable SPZ 1226 Cephei. Kh. Albó. Astron. tsirk. no. 170:9-10 '56.

New variable star SPZ 1225 Draconis. T.P. Antropova. Astron. tsirk. no. 169:9-10 '56.

Period of the Cepheid XV Persei. A.V. Solov'ev. Dokl. AN Tadzh. SSR no. 15:39-40 '56.

Period of the eclipsing variable BD+31° 4090. V.P. TSesevich. Astron. tsirk. no. 170:12 '56.

Period of the V 338 Herculis. V.P. TSesevich. Astron. tsirk. no. 170:16 '56.

Period of the variable S 4747 = KZP 1220. V.P. TSesevich. Astron. tsirk. no. 170:16 '56.

Photographic study of RX Capricorni. A.V. Solov'ev. Biul. Stal. astron. obser. no. 14:22-27 '55.

Photometric investigation of the variable AG Draconis (BD+ 67°922) A.D. Beriev. Biul. Stal. astron. obser. no. 16:29-32 '56.

Sixteen uninvestigated variable stars. V.P. TSesevich. Astron. tsirk. no. 170:14-16 '56.

Study of AC Andromedae. T.A. Azarnova. Astron. tsirk. no. 170:10-11 '56.

Uninvestigated variable KZP 4357. O.P. Vasil'ianovskaia. Astron. tsirk. no. 170:18 '56.

An uninvestigated variable star. N.M. Shakhovskoi. Biul. Stal. astron. obser. no. 14:35-38 '55.

Variable star BD+46°281. V.M. Grigorevskii. Astron. tsirk. no. 170:17-18 '56.

Variable star in Perseus. V.P. TSesevich. Astron. tsirk. no. 169:10 '56.

Variable TV Capricorni. A.V. Solov'ev. Biul. Stal. astron. obser. no. 14:28-31 '55.

STATE AND AGRICULTURE see Agriculture and state

STATE AND ART see Art and state

STATE AND SCIENCE see Science and state

STATE FARMS

(see also subdivision under Kazakhstan; Krasnoyarsk Territory; Kuban; Kuybyshev Province; Vorontsovskii District)

Eriepesov, M.N. [The "Pakhta-Aral" State Farm] Sovkhoz "Pakhta-Aral." Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 101 p. Illus. (DS)

General discussions instead of an economic analysis ("For highly productive and profitable work on state farms. I.E. Kantyshev. Reviewed by F.A. Zubarev). Nauka i pered. op. v sel'khoz. no. 7:93-95 Jl '56.

Nazarov, M.D. [The "Liubomirovka" state farm] Sovkhoz "Liubomirovka." Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 119 p. (DA)

Party direction of state farms. Part. zhizn' no. 16:26-27 Ag '56.

Subject and tasks of the discipline "Organization of socialist agricultural enterprises." N. Vlasov. Sots. sel'khoz. 27 no. 6:76-89 '56.

Taking prophylactic measures in sanitation and epidemic control during the spring and summer at a state farm on reclaimed land. V.I. Ivanov. Fel'd. i akush. 21 no. 9:42-44 S '56.

Third summer. V. Soloukhin. Ogonek 34 no. 39:26-28 S '56.

Two methods of party work; party organizations of two collective farms during the harvest. G. Kopylov. Komm. Kazakh. 26 no. 9:33-37 S '56.

Urgent economic problems in poultry husbandry on state farms. G.V. Pankrat'ev. Sovkhoz. proizv. no. 9:11-14 S '56.

Work practice of the "Komintern" State Farm. Kastyrin. Zemledelie 4 no. 9:121-122 S '56.

STATE FARMS—ACCOUNTING

Calculating the cost of production in agriculture on state farms. D.G. Vasil'ev. Sovkhoz. proizv. no. 9: 19-24 S '56.

Readers' response to the article "Methods for calculating labor productivity on state farms." Sovkhoz. proizv. no. 9:24-27 S '56.

STATICS

Some phases of teaching statics. G.M. Itskovich, L.M. Kuz'min. Sred. spets. obr. no. 9:31-43 S '56.

STATIONS, RAILROAD see Railroads—Stations

STATISTICS

The objective nature of statistical laws. O.O. Akhot. Vop. filos. no. 4:33-44 '56.

STATISTICS—STUDY AND TEACHING

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. Otdel uchebnykh zavedenii. [Manual for students enrolling in Statistical Correspondence School and correspondence sections of statistical institutes of the Central Statistical Administration of the U.S.S.R. in 1956] Spravochnik dlia postupaiushchikh v Zaochnyi statisticheskii tekhnikum i zaochnye otdeleniia statisticheskikh tekhnikumov TsSU SSSR v 1956. g. Moskva, Gosstatizdat, 1956. 35 p.

STAVISHCHE DISTRICT—UKRAINIAN LANGUAGE—DIALECTS

Lexical features of the dialects of Stavishche District, Kiev Province. P.S. Lysenko. Dial. biul. no. 5:31-45 '55.

STAVROPOL—BIOLOGICAL PRODUCTS

Efficiency experts of the Stavropol Biological Products Plant. A. Geideko. Veterinariia 33 no. 9:30-31 S '56.

STAVROPOL TERRITORY—AGRICULTURAL RESEARCH

Institute follows a new course. V.M. Dokuchaev. Nauka i pered. op. v sel'khoz. no. 9:25-26 S '56.

STAVROPOL TERRITORY—APPLE

High crop yields five years in a row. I.L. Sokolov. Sad i og. no. 8:33-34 Ag '56.

STAVROPOL TERRITORY—BRUCELLOSIS IN SHEEP—PREVENTIVE INOCULATION

Large-scale vaccination of sheep with dry brucellosis vaccine from strain no. 19. B.M. Savich, A.G. Morozov. Veterinariia 33 no. 10:44-48 O '56.

Mass vaccination of sheep against brucellosis with dry brucellosis vaccine from strain no. 19. B.V. [illegible], S.V. Abakin. Veterinariia 33 no. 10:38-39 O '56.

STAVROPOL TERRITORY—CORN (MAIZE)

Care of corn plantings in Stavropol. A.K. Mirzoev, G.G. Korolev. Kukuruza 1 no. 2:33-37 My '56.

STAVROPOL TERRITORY—WOOL

Stavropol collective farms are increasing the production of wool. Ovtsevodstvo no. 8:25 Ag '56.

STEALING see Larceny

STEAM

Calculated standards of quality for boiler water and steam. Teploenergetika 3 no. 8:59-62 Ag '56.

Determining the consumption of injected steam in glycerin distillation. E.E. Fainberg. Masl.-zhir. prom. 22 no. 6:18 '56.

Method for taking a representative sample of wet steam. S.I. Alenchikov, F.N. Evzerova, M.N. Kemel'man. Elek. sta. 27 no. 7:14-17 Jl '56.

Tables of the thermodynamic properties of water and water vapor at pressures up to 400 atm. and temperatures up to 750° C. S.L. Rivkin, A.M. Strela. Teploenergetika 3 no. 8:52-54 Ag '56.

Washing steam of high-pressure and superpressure boilers. A.A. Kot. Teploenergetika 3 no. 8:14-17 Ag '56.

STEAM—TABLES, CALCULATIONS, ETC.

More accurate I-d diagram devised by Professor L.K. Ramzin. S.M. Korenevskii. Ved. i nauch. tekh. inf. no. 20-32 Ag '56.

STEAM BOILER INSPECTION see Boilers—Inspection

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM BOILERS, WATERTUBE see Boilers, Watertube

STEAM ENGINES

Cleaning the fire tubes of a steam engine. A.A. [illegible]. Energetik 4 no. 9:38 S '56.

STEAM ENGINES—MAINTENANCE AND REPAIR

Removal of valve liners from LM steam engines. G.B. Viranovskii. Energetik 4 no. 9:14 S '56.

STEAM ENGINES, MARINE see Marine engines

STEAM FITTING see Pipe fitting

STEAM HEATING

Vacuum steam heating. M. Rai'chuk, O. Peklov. Arkh. i bud. 4 no. 1:21-22 Ja-F '56.

STEAM MEASUREMENTS see subdivision under [illegible]

STEAM POWER PLANTS

(see also subdivision under United States)

Construction of thermal power plants in the sixth five-year plan. A.I. Drobyshev. Elek. sta. 27 no. 8:1-4 Ag '56.

STEAM TURBINES

(see also subdivision under Czechoslovakia; Kaluga; Leningrad; Switzerland)

Calculated back pressure for large steam turbines. L.D. Berman. Elek. sta. 27 no. 9:59-60 Ag '56.

Characteristics of damper lashing wire action in case of tangential vibrations of moving blade sections of steam turbines. G.G. Butyrskii, R.I. Veitsman. Energomashinostroenie no. 8:11-13 Ag '56.

Making drawings of steam-turbine diaphragms. M.D. Bystritskii. Energetik 4 no. 8:34-37 Ag '56.

Maximum reduction of vacuum in a turbine. V.I. Buzkin. Energetik 4 no. 9:36 S '56.

Operating high-pressure steam turbines of the Leningrad Metal Plant. I.M. Stepanov. Energomashinostroenie no. 8:1-5 Ag '56.

Thermal testing of the first model of the SVK-150-1 turbine. V.P. Lobanov, M.N. Gribkov. Teploenergetika 3 no. 8:18-25 Ag '56.

STEAM TURBINES—BLADES

Determining the ranges of transition from cylindrical to twisted blading in the stages of steam and gas turbines. A.M. Zavadovskii. Energomashinostroenie no. 8:1-5 Ag '56.

STEAM TURBINES—CYLINDERS see subdivision under Leningrad

STEAM TURBINES—TESTING

Some results of the experimental investigation of turbine stages. N.S. Variamov, N.M. Markov. Sudostroenie 22 no. 8:7-10 Ag '56.

STEAMBOATS—TIME-TABLES

Vsesoiuznoe aktsionernoe obshchestvo po inostrannomu turizmu v SSSR "Inturist." [Brief timetable for domestic and foreign passenger travel in the U.S.S.R. during 1956] Kratkii ukazatel' vnutrennikh i mezhdunarodnykh passazhirskikh soobshchenii SSSR. 1956 g. Moskva, [n.d.] 91 p.


[MICROFILM]

STEAMPIPES—WELDING

Welding boiler coils with an MSM-150 butt welding machine. V. M. Korsunov. Proizv. opyt v obl. svarki no. 1:101-106 '56.

STEARATES

Synaeresis of greases; effect of temperature on the synaeresis of gels of lithium stearate in instrument oil. V. M. Martynov. Khim. i tekh. topl. no. 9:63-66 S '56.

STEEL

Use of austenitic steel in a boiler installation having supercritical steam parameters (600° C and 300 atm.) in the heating and power plant of the All-Union Heat-Engineering Institute. I. N. Laguntsov. Teploenergetika 3 no. 8:39-43 Ag '56.

STEEL—BRITTLENESS

Brittle breaking of IKhIZ steel during soldering. I. A. Zaks and others. Energomashinostroenie no. 9:15-19 S '56.

Effect of heat treatment on the blue brittleness of structural steel. G. I. Pogodin-Alekseev, M. M. Fetisova. Metalloved. i obr. met. no. 8:31-37 Ag '56.

Effect of temper brittleness on the dynamic and static properties of 45G2 steel subjected to tension and bending. G. I. Pogodin-Alekseev, T. V. Sergievskaia. [Trudy] MVTU no. 41:42-55 '55.

Mikhailov-Mikheev, P. B. [Thermal brittleness of steel] Teplovaia khrupkost' stali. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 114 p.

STEEL—COLD WORKING

Effect of cold straightening on the dynamic strength of parts welded by the resistance process. V. B. Shilapin. Svar. proizv. no. 8:7-10 Ag '56.

STEEL—CORROSION

"Effect of corrosive media on the strength of steel" (Sbornik trudov TSNIITMASH, no. 77). Reviewed by F. B. Slomianskaia. Metalloved. i obr. met. no. 8:57-59. Ag '56.

Influence of certain element organic compounds on the rate of solution of carbon steel in inorganic acids. S. A. Balezin, M. A. Ignat'eva. Dokl. AN SSSR 109 no. 4:771-773 Ag '56.

Linear selective corrosion of nitrogenized steel by sulfuric acid containing admixtures. S. A. Balezin, V. B. Ratinov. Dokl. AN SSSR 108 no. 6:903-904 Je '56.

Mechanics of corrosion cracking of austenitic steels. A. V. Riabchenkov, V. M. Nikiforova. Metalloved. i obr met. no. 8:2-11 Ag '56.

Study of the potential of steel under lacquer and paint and bituminous coatings. I. A. Mamedov. Izv. AN Azerb. SSR no. 7:23-26 Jl '56.

STEEL—DEFECTS

Mechanics of flake formation in steel. V. S. Mes'kin. Stal' 16 no. 8:727-734 Ag '56.

Mechanics of flake occurrence. V. F. Loshkarev. Stal' 16 no. 8:734-737 Ag '56.

STEEL—ELECTRICAL PROPERTIES

Ratio of hysteresis and eddy current losses in steel for electric equipment. V. V. Druzhinin, IU. P. Burdakova. Elektrichestvo no. 8:50-54 Ag '56.

STEEL—ELECTROMETALLURGY

Pouring steel with electric arc heating of the riser head. B. N. Popov. Metallurg no. 9:19-22 S '56.

Rapid heavy smelting of steel in electric arc furnaces. I. I. Zhelikov. Stroi. i dor. mashinostr. no. 7:33-34 Jl '56.

Smelting carbon steel in acid electric furnaces by the silica reduction process with grog slags. V. S. Rozentsveig. Lit. proizv. no. 8:32 Ag '56.

STEEL—FATIGUE

Effect of various types of treatment on the fatigue strength of EI434 steel. B. I. Aleksandrov, A. P. Shishkova. Metalloved. i obr. met. no. 8:20-27 Ag '56.

STEEL—HARDENING

"Dry" hardening of leaf springs. M. S. Khvalov. Vest. mash. 36 no. 8:50 Je '56.

Experimental 22k steel hardening in Turbine-Boiler Plant. V. I. Reznik. Energomashinostroenie no. 8:31 Ag '56.

Hardenability and the distribution of hardness in the cross section of tempered steel specimens. M. E. Blanter, A. A. Gol'denberg. Metalloved. i obr. met. no. 8:12-20 Ag '56.

STEEL—HEAT TREATMENT

Growth of austenite grains in the "45" steel subjected to annealing by high-frequency current. E. N. Druzhinina. [Trudy] MVTU no. 41:109-116 '55.

Heat treatment of welded structures of alloyed steels. (Translation of an article "Heat treatment of welded alloy steels" presented in a report of the 10th Committee of the International Institute of Welding, and published in the British Welding Journal, no. 2, 1956). Svar. proizv. no. 8:25-26 Ag '56.

Investigating mechanical properties of heat-treated high-speed steel. V. I. Makarova. [Trudy] MVTU no. 41: 124-130 '55.

Investigating mechanical properties of Ul2 tool steel hardened by high-frequency currents. V. I. Makarova. [Trudy] MVTU no. 41:131-135 '55.

Investigation of hot media used for the isothermal treatment of steel. I. I. Sidorin, B. N. Arzamasov. [Trudy] MVTU no. 41:6-19 '55.

STEEL—METALLOGRAPHY

Investigating the effect of residual austenite on properties of the surface layer of cyanided structural steel. V. S. Loshkovtseva. [Trudy] MVTU no. 41:67-83 '55.

Investigating the process of low-temperature gas cyaniding. E. N. Druzhinina. [Trudy] MVTU no. 41:94-108 '55.

STEEL—METALLURGY

Experience in the vacuum processing of metals. V. G. Speranskii. Metallurg no. 8:12-15 Ag '56.

Vacuum in metallurgy. A. A. Vertman, L. M. Novik. Priroda 45 no. 9:81-86 S '56.

Vacuum treatment of molten metal. A. M. Samarin and others. Stal' 16 no. 8:700-707 Ag '56.

STEEL—TESTING

Changes in the ductility of metals in the process of transition to brittle failure due to a decrease in temperature. G. I. Pogodin-Alekseev, S. V. Zhuravlev. [Trudy] MVTU no. 41:56-66 '55.

Laboratory evaluation of the wear resistance of steel subjected to sandpaper tests. M. M. Tenenbaum. Vest. mash. 36 no. 8:25-30 '56.

STEEL—WELDING

Weldability of arsenical steel. B. I. Kotov, L. D. Kovesh. Proizv. opyt v obl. svarki no. 1:79-94 '56.

STEEL, STRUCTURAL

Assembling steel and reinforced concrete elements for the large sports arena of the Central Stadium in Moscow. N. U. Senichev. Nov. tekh. i pered. op. v stroi. 16 no. 8:18-22 Ag '56.

Properties and use of low-alloy steels. I. M. Leikin. Metallurg no. 8:1-4 Ag '56.

STEEL, STRUCTURAL—TESTING

Effect of heat treatment on the blue brittleness of structural steel. G. I. Pogodin-Alekseev, M. M. Fetisova. Metalloved. i obr. met. no. 8:31-37 Ag '56.

STEEL ALLOYS

Metal resistance to minor plastic deformations. A. G. Rakhshtadt. [Trudy] MVTU no. 41:213-218 '55.

Properties and use of low-alloy steels. I. M. Leikin. Metallurg no. 8:1-4 Ag '56.

STEEL ALLOYS—HEAT TREATMENT

Effect of annealing on the mechanical properties and structure of the 30KhGSA cast steel. P. P. Shishkov. [Trudy] MVTU no. 41:84-93 '55.

Investigating the heat treatment of fuel-pump plunger pairs made of KhVG steel. I. I. Sidorin, V. I. Makarova. [Trudy] MVTU no. 41:117-123 '55.

STEEL ALLOYS—METALLOGRAPHY

The influence of cold treatment of the characteristic Debye temperature of carbon steel. V. I. Korotkov, B. N. Finkel'shtein. Dokl. AN SSSR 108 no. 5:846-847 Je '56.

STEEL ALLOYS—TESTING

Creep and endurance limit (from "Iron and Steel" no. 6, 1955). O. E. Zil'berberg. Metalloved. i obr. met. no. 8: 46-56 Ag '56.

STEEL ALLOYS—WELDING

Heat treatment of welded structures of alloyed steels. (Translation of an article "Heat treatment of welded alloy steels" presented in a report of the 10th Committee of the International Institute of Welding, and published in the British Welding Journal no. 2, 1956). Svar. proizv. no. 8:25-26 Ag '56.

STEEL AND IRON BRIDGES see Bridges, Iron and steel

STEEL AND IRON PLATES see Plates, Iron and steel

STEEL CASTINGS see subdivision under Kramatorsk; Novosibirsk

STEEL CASTINGS—METALLOGRAPHY

Structural characteristics of high-carbon cast steel. D. K. Butakov. Trudy Ural. politekh. inst. no. 60:117-124 '56.

STEEL CASTINGS—TESTING

Causes for the occurrence of stony fracture and cold cracks in 35KhNL steel castings. P. I. Ianshanov, T. A. Tiuleneva. Trudy Ural. politekh. inst. no. 60: 140-143 '56.

STEEL CASTINGS—WELDING

Automatic submerged arc welding of large steel castings. T. A. Vozyka. Proizv. opyt v obl. svar. no. 1:72-76 '56.

STEEL INDUSTRY

(see also subdivision under Ural Mountain region)

On the Indian market of ferrous metals [with summary in English]. IU. Kislenko. Vnesh. torg. 20 no. 9:13-15 S '56.

STEEL INDUSTRY—PRODUCTION STANDARDS

More attention to norm research laboratories. F. Krechek. Sots. trud. no. 8:104-105 Ag '56.

New wage system for steel workers. P. IUshkin. Sots. trud. no. 8:85-88 Ag '56.

STEEL PIPE see Pipe, Steel

STEERING GEAR

Active rudder. P. Kogan. Mor. flot 16 no. 9:26-27 S '56.

STEPANAVAN DISTRICT—MOLOKANS

Dialects of Russian migrants in the Armenian S. S. R.; phonetic system of the dialects of the Molokan settlers in Stepanavan District. S. B. Tosh'ian. Uch. zap. Erev. gos. russ. ped. inst. 4:227-258 '55.

STERCOBILIN

Stercobilin excretion in children. T. V. Fokina. Vop. med. khim. 2 no. 4:269-271 Jl-Ag '56.

STEREOCHEMISTRY

Research in the stereochemistry of cyclic compounds. Part 11. Stereochemistry of $\Delta^9$-octalin-1, 2-dicarboxylic acids. I. N. Nazarov, V. F. Kucherov, V. M. Andreev. Izv. AN SSSR. Otd. khim. nauk no. 7:817-826 Jl '56.

Research in the stereochemistry of cyclic compounds. Part 12. Stereochemistry of lactones of $\Delta^9$-octalin-1, 2-dicarboxylic acids. I. N. Nazarov, V. F. Kucherov, V. M. Andreev. Izv. AN SSSR. Otd. khim. nauk no. 8: 951-959 Ag '56.

STEREOTYPING

Improving the process of making galvanostereotypes. D. E. Eidel'zon. Poligr. proizv. no. 4:17 Jl-Ag '56.

STERIC HINDRANCE

Quantitative study of steric hindrances. Ch. K. Ingol'd. Izv. AN SSSR. Otd. khim. nauk no. 8:1016-1028 Ag '56.

STERILITY

The role of vitamin C deficiency in sterility. A. P. Kolesov. Sov. med. 20 no. 8:77-79 Ag '56.

STERILITY IN ANIMALS

Unfounded recommendations ("Controlling sterile copulation and sterility in farm animals." A. P. Studentsov. Reviewed by A. Beskhlebnov). Moloch. i mias. zhiv. no. 3:61-63 My '56.

STEROIDS

Corticosteroid content in the suprarenal glands in cattle of various age groups. N. A. IUdaev, K. V. Druzhinina. Vop. med. khim. 2 no. 4:255-261 Jl-Ag '56.

Method for determining corticosteroids in the adrenal glands and in blood leaving them. N. A. IUdaev, IU. A. Pankov, K. V. Druzhinina. Probl. endok. i gorm. 2 no. 3:100-109 My-Je '56.

New active corticosteroid derivatives (meticorten, meticortelon and halold-derived steroids). N. A. IUdaev. Probl. endok. i gorm. 2 no. 3:116-120 My-Je '56.

Separation of neutral 17-ketosteroids (androgens) from urine by sedimentation. O. M. Uvarovskaia. Probl. endok. i gorm. 2 no. 3:110-112 My-Je '56.

STEROLS

L. A. Chugaev's reaction for determining sterols. V. P. Vendt. Vop. med. khim. 2 no. 3:210-213 My-Je '56.

STIMULANTS

Effect of some pharmacological substances and their combinations on conditioned reflex food leucocytosis in man. E. E. Belen'kii. Mat. k izuch. zhen'-shenia i lim. no. 2:114-119 '55.

STIPA see subdivision under Pamirs

STOCK AND STOCKBREEDING

(see also subdivision under Dragobych Province; Germany, East; Kazakhstan; Liuban' District; Poland; Vinnitsa District;

[Agriculture abroad; translations and surveys of foreign periodical literature] Sel'skoe khoziaistvo za rubezhom 2 no. 5 '56. 176 p.

Excellent method for the rapid improvement of the herd. V. K. Milovanov. Nauka i pered. op. v. sel'khoz. no. 8: 21 Ag '56.

For more livestock products and the problem of protein. Nauka i pered. op. v sel'khoz. no. 9:2-3 S '56.

Let's fulfill the tasks of the sixth five-year plan ahead of time. Moloch. i mias. zhiv. no. 3:1-5 My '56.

Make exemplary preparations and carry out the wintering of livestock in an organized manner. Sots. tvar. 28 no. 10:3-6 O '56.

Make wide use of over-all mechanization in animal husbandry. Sovkhoz. proizv. no. 9:3-6 S '56.

More profound studies of the history of Soviet zootechny. P. D. Pshenichnyi. Vop. ist. est. i tekh. no. 1:308-310 '56.

STOCK AND STOCKBREEDING (Continued)
Negligence in stockbreeding should not be tolerated. N. D. Patemkin. Nauka i pered. op. v sel'khoz. no. 8: 19-20 Ag '56.
One more inscription. V. Al'tov. Pioner no. 10:50-51 O '56.
Our assumed obligation is being fulfilled. F. F. Zaboriushchyi. Sots. tvar. 28 no. 9:16 S '56.
Pankov, V.N. [The party organization and the rise in stockbreeding] Partiinaia organizatsiia i pod"em zhivotnovodstva. Moskva, Gospolitizdat, 1956. 77 p.
Planning the production of meat on the collective farm. I. Semenov. Kolkh. proizv. 18 no. 9:11-12 S '56.
Praiseworthy example. M. Zhokhov. Mol. kolkh. 23 no. 8:18 Ag '56.
Some results of investigations of the effectiveness of interbreeding animals. Kh. F. Kushner. Izv. AN SSSR. Ser. biol. no. 4:83-101 Jl-Ag '56.
Some 17th and 18th century manuscript works on zootechny. I. I. Nazarenko. Vop. ist. est. i tekh. no. 1:235-241 '56.
Veivitskii, B. V. [Stock and poultry farms; an album of model plans] Zhivotnovodcheskie i ptitsevodcheskie fermy; al'bom primernykh skhem planirovki. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 59 p.
(DA)
We are lowering the expenditure of labor per centner of animal products. S. M. Solfer. Sots. tvar. 28 no. 10: 12-15 O '56.
What do 100 hectares of land mean? N. V. Ermakov. Nauka i pered. op. v Sel'khoz. no. 8:56-58 Ag '56.

STOCK AND STOCKBREEDING—PERIODICALS
Conference of readers of "Zhivotnovodstvo." V. I. Orlov. Zhivotnovodstvo no. 8:83 Ag '56.

STOCK AND STOCKBREEDING—SOCIETIES
Activities of the Section of Biological Principles of Animal Husbandry of the Moscow Naturalists' Society for the period 1954-1955. Biul. MOIP. Otd. biol. 61 no. 3:103-105 My-Je '56.

STOCK YARDS see subdivision under Khmel'nitskiy

STOCKINGS see Hosiery industry

STOIANOV, LIUDMIL, 1888-
A tale of the present ("Cholera." Liudmil Stoianov. Translated into Estonian from the Bulgarian. Reviewed by Laesson). Slavianе no. 10:59-60 O '56.

STOKERS, MECHANICAL
Adjusting nonsifting chain grates. N. P. Maistat, V. V. Platonov. Energetik 4 no. 8:12-13 Ag '56.

STOMACH
The effect of pregnancy and lactation on the evacuation and secretion of the stomach in dogs. S. G. Genes, N. G. Losnol. Probl. endok. i gorm. 2 no. 2:88-94 Mr-Ap '56.
Embryogenesis of abomasum glands in sheep. L. V. Davletova. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:129-135 '55.

STOMACH—CANCER
Angioarchitectonics of the stomach in peptic ulcer, in ulcerated cancer, and in cancer developed from an ulcer. V. I. Panov, Z. L. Fraifel'd. Khirurgiia 32 no. 6:16-18 Je '56.
Prevention of gastric cancer. E. A. Chakharina. Med. sestra 15 no. 8:8-11 Ag '56.

STOMACH—SECRETIONS
Biochemical factors in gastric secretion and its regulation; diphasic action of methylene blue. Kh. Lind. Fiziol. zhur. 42 no. 7:593-596 Jl '56.
Electrophysiological investigation of the initial stage of excitation of the glandular apparatus of the stomach. I. A. Aleshin. Khirurgiia 32 no. 7:581-588 Jl '56.
Modifications in the gastric secretory function of dogs during the formation of conditioned reflexes. V. M. Frolov. Fiziol. zhur. 42 no. 7:547-552 Jl '56.

STOMACH—SURGERY
Changes in the motor and evacuatory functions of the stomach immediately after. V. I. Solov'ev. Khirurgiia 32 no. 6:30-33 Je '56.
Errors in forming a gastroenterocanastomosis with an interintestinal communication. S. T. Bagdasar'ian. Khirurgiia 32 no. 6:69-71 Je '56.
Inadequacy of the duodenal stump after ligation of the gastroduodenal artery in gastric resection [with summary in English, p.159]. S. D. Popov. Vest. khir. 77 no. 8:46-53 Ag '56.
Relapses of peptic ulcers following gastric resection and their treatment in Yessentuki. A. L. Shafran. Klin. med. 34 no. 7:90 Jl '56.

STOMACH—TUMORS
Primary sarcoma of the stomach. Z. I. Beslamil'naia, T. A. Seledevkina. Khirurgiia 32 no. 6:13-16 Je '56.

STONE see subdivision under Rocky Mountains

STONE AGE see subdivision under Don Valley; Fastov; Kiev; Ob Valley

STONE FLIES see subdivision under Caucasus

STONECUTTING see subdivision under Kungur

STONEMASONS see subdivision under Ukraine

STONES, BUILDING see Building stones

STORAGE BATTERIES
Piontkovskii, B. A. [Electric power supply installations for wire communication enterprises] Ustroistvo elektropitaiushchikh ustanovok predpriiatii provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 30 p. (Lektsii po tekhnike sviazi)

STORAGE OF FARM PRODUCE see Farm produce—Storage

STORE FIXTURES
Equipment in self-service stores. M. Denisov. Nov. torg. tekh. no. 3:31-33 '56.

STORES, DEPARTMENT see Department stores

STOVES
(see also subdivision under Suzdal)
Podgorodnikov, I. S. [Russian stoves "Teplushka-2" i "Teplushka-4"] Russkie pechi "Teplushka-2" i "Teplushka-4." Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 157 p.

STOVES, EARTHENWARE
"Teplushka-2" and "Teplushka-3" Russian stoves. I. Podgorodnikov. Sel'. stroi. 11 no. 8:16-17 Ag '56.

STRAIN GAUGES
Adjusting the amplifier scale of strain gauges. V. E. Loginov, A. V. Podzei. Sten. i instr. 27 no. 7:36-37 Jl '56.
Using wire resistance gauges for measuring stresses in the reinforcements of concrete elements. L. I. Iosilevskii. Trudy MIIT no. 85/36:174-197 '56.

STRAINS AND STRESSES
Another demonstration for a theorem of a method of given stresses. A. V. Aleksandrov. Trudy NIIZHT no. 11:331-332 '55.
Calculating model based on the web method. M. I. Diuhach. Prykl. mekh. 2 no. 3:333-341 '56.
Calculating the effect of rotational inertia and crosscut forces on transverse vibrations of finite-length bars. M. Sh. Fiekser. Inzh. sbor. 23:138-139 '56.
Calculating the strength of wheel blades in centrifugal ventilator. G. A. Raer. Energomashinostroenie no. 9: 6-11 S '56.
Calculating wooden pile foundations (pile framework) for horizontal loading. M. M. Arkhangel'skii. Trudy NIIZHT no. 11:102-129 '55.
Concentration of dynamic stresses at the contour of a circular aperture in a plate with longitudinal forces applied to its edges. Part 1. M. M. Sydiiar. Nauk. zap. Kiev. un. 9 no. 9:83-110 '50.
Concentration of dynamic stresses at the contour of a circular aperture in a plate with longitudinal forces applied to its edges. Part 2. M. M. Sydiiar. Nauk. zap. Kiev. un. 9 no. 9:111-128 '50.
Determination of point displacements in strained systems. L. N. Vorob'ev. Dokl. AN SSSR 109 no. 3:495-498 Jl '56.
Determining Young's modulus for silicate glasses. E. F. Pichugin. Stek. i ker. 13 no. 8:10-11 Ag '56.
Effect of external loading and yield point of a joint on the magnitude of residual stresses in H-shaped welded elements. G. K. Evgrafov, P. V. Mal'tsev, V. O. Osipov. Trudy MIIT no. 85/36:5-28 '56.
Effect of stresses on the formation of graphitization centers in annealing white iron. V. F. Zubarev. Lit. proizv. no. 8:21-25 Ag '56.
Effect of temper brittleness on the dynamic and static properties of 45G2 steel subjected to tension and bending. G. I. Pogodin-Alekseev, T. V. Sergievskaia. [Trudy] MVTU no. 41:42-55 '55.
Effect of the application of points of forces and moments on the stress distribution in endless anisotropic plates with elliptic hole. D. V. Grilitskii. Prykl. mekh. 2 no. 2:159-166 '56.
Effect of wire rope lapping on its internal dynamic stresses (second stage of lifting). V. V. Gergievskaia. Prykl. mekh. 2 no. 2:147-151 '56.
"Engineering methods for evaluation of stresses due to metal presswork." E. P. Unksov. Reviewed by M. V. Storozhev, I. L. Perlin. Vest. mash. 36 no. 8:83-88 S '56.
Equilibrium of an elastic thin-walled pipe subjected to internal pressure applied to a 2c length section. V. N. Ionov. Vest. Mosk. un. 11 no. 5:13-24 My '56.
Experimental testing of some basic formulas for calculating rods of drop hammers in connection with longitudinal impact. Sh. S. Mazitov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:69-76 '56.
Forces and stresses at the point of a mechanical pick in the case of longitudinal impact and formulas suggested for calculating the strength of the point. Sh. S. Mazitov. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:43-63 '56.
Formulae for the calculation of [illegible]. Vest. mash. 36 no. 6:35-39 Je '56.
Investigating stresses in concrete [illegible]. TSaritsyn, G. S. Bogdanova. [illegible] 18 S '56.
Investigation of stresses in [illegible] vitskii. Prykl. mekh. 2 no. 2:[illegible]
Machines for gathering straw [illegible]. S. I. Shevchenko and others. [illegible] khoz. no. 7:45-46 Jl '56.
Regulating stresses in jointless [illegible] crete bridges allowing for [illegible] Mitropol'skii. Trudy MIIT [illegible]
Resistance of water towers to [illegible] loading [in Georgian with summary] [illegible] Napetvaridze. Trudy Inst. [illegible] 3:71-83 '51.
Stress formulae derived from [illegible] rectangular plates clamped [illegible] to uniform loads. S. A. Savin. [illegible] '56.
Stresses in plate glass and methods [illegible] V. L. Indenbom. Stek. i ker. [illegible]
Symmetrical shape of strength [illegible] plates and shells. V. I. Korolev. [illegible] no. 5:3-12 My '56.
Thermal stresses in sheet glass [illegible] Zakharikov, S. A. Blokh. Trudy [illegible] 2:64-82 '54.
Thermal stresses in the frame [illegible] G. N. Ter-Gazarian. Elektrichestvo [illegible] '56.

STRANNOLIUBSKII, ALEKSANDR [illegible]
1839-1903
Aleksandr Nikolaevich Strannoliubskii [illegible] Gratsianskaia. Nauk. zap. Kiev [illegible] '52.

STRANNOLIUBSKII, ALEKSANDR [illegible]
1839-1903—BIBLIOGRAPHY see [illegible]
Strannoliubskii, Aleksandr Nikolaevich. [illegible]

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRAW
Automatic dumping of straw piles. [illegible] no. 8:42 Ag '56.

STRAWBERRIES
Anatomical structure of the petiole [illegible] drought-resistance of wild strawberries [illegible] ko. Nauk. zap. Kiev. un. 8 [illegible]
Fertilizing strawberries. K. A. [illegible] no. 8:52-54 Ag '56.

STREAM MEASUREMENTS
(see also subdivision under Ukraine)
Effect of utilizing the historical [illegible] calculated maximums. M. R. [illegible] gidrol. no. 7:32-34 Jl '56.
Electrolytic method for determining [illegible] N. V. Pikush. Trudy Ukr. NIIMT [illegible]
Estimating fluctuations of the water [illegible] rivers. A. V. Agupov. Meteor. i gidrol. [illegible] Jl '56.
Hydraulic calculations for canals [illegible] rate. G. A. Supoikin. Izv. Otd. est. nauk [illegible] no. 12:59-67 '55.
Method of forecasting water discharges [illegible] flowing from lakes. V. I. Korunov [illegible] no. 5:16-19 '55.

STREET LIGHTING see subdivision under [illegible]

STREET RAILWAYS
Production of new types of streetcars [illegible] M. G. Serkin, I. B. Rapoport. Stal' [illegible] Ag '56.
Proskuriakov, B. N., and M. S. Cherna[illegible] [Human engineering on streetcars] Kratkii spravochnik po [illegible] gonam. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 206 p.

STREET SIGNS see subdivision under [illegible]

STREET TRAFFIC see Traffic engineering

STREETCARS
The fruits of well-coordinated work. [illegible] profsoiuzy 4 no. 7:42-44 Jl '56.

STRELETSKII, NIKOLAI STANISLAVOVICH, [illegible]
Nikolai Stanislavovich Streletskii. Prykl. mekh. [illegible] no. 2:230-234 '56.

STRENGTH OF MATERIALS
Calculating three-panel trussed structures in the [illegible] plastic stage subjected to immovable and [illegible] loads. V. V. Trofimovich. Prykl. mekh. [illegible] 195 '56.
Correlation between the strength of porous [illegible] the degree and nature of porousness. Z. A. [illegible] tsian. Dokl. AN Arm. SSR 16 no. [illegible]
Lectures at the mechanics seminar in the Technical Sciences Section of the Academy of Sciences of the Ukrainian S.S.R. P. M. Varvak. Prykl. mekh. [illegible] 349-350 '56.

STRENGTH OF MATERIALS (Continued)

The scope and content of a course in "Strength of materials." M. M. Filonenko-Borodich. Vest. vys. shkoly 14 no. 9:6-10 S '56.

STREPTOMYCIN

Effect of streptomycin in experimental tularemia; therapeutic action of streptomycin in initial and intracutaneous inoculation; spread of germs in bodies of treated and untreated animals. E. V. Vlasova, N. P. Muzhenkova, K. I. Matveev. Zhur. mikrobiol. epid. i immun. 27 no. 9:28-34 S '56.

Elimination of the acute toxic action of streptomycin under experimental conditions. G. N. Kryzhanovskii, L. A. Pevnitskii. Antibiotiki 1 no. 3:16-21 My-Je '56.

Problem of the mechanism of action of streptomycin. N. S. Pevzner. Antibiotiki 1 no. 3:21-25 My-Je '56.

Pulmonary concentration of streptomycin following various methods of administration. M. A. Kastornaia, M. A. Chertkova. Antibiotiki 1 no. 3:26-27 My-Je '56.

Streptomycin in the treatment of gonorrhea. A. N. Mikhailov. Sov. med. 20 no. 7:32-36 Jl '56.

Streptomycin in the treatment of gonorrhea in men. S. A. Artem'ev, R. G. Gadzhiev. Sov. med. 20 no. 7:40-42 Jl '56.

Treating radiation sickness with BK-6 protein blood substitute, vitamin $B_{12}$, and streptomycin. IE. IU. Cherbotar'ov. Fiziol. zhur. [Ukr.] 2 no. 3:157-163 My-Je '56.

Using penicillin and streptomycin in the treatment of gunshot wounds of the abdominal cavity. A. A. Unegov. Voen.-med. zhur. no. 10:34-35 O '55.

STRESS (PHYSIOLOGY)

Role of hormones in the general adaptation syndrome and in adaptation disease. P. D. Gorizontov. Klin. med. 34 no. 7:20-29 Jl '56.

STRIGA

Quarantine weed of the genus Striga. R. A. Safra. Zashch. rast. ot vred. i bol. 1 no. 2:52 My-Je '56.

STRIKES AND LOCKOUTS—AUTOMOBILE WORKERS see subdivision under Great Britain

STRIKES AND LOCKOUTS—STEELWORKERS see subdivision under United States

STRIP CROPPING

Factors of the antierosive effectiveness of buffer strips. V. Trushin. Izv. TSKhA no. 1:25-32 '56.

STRIP MINING

(see also subdivision under Kuznetsk Basin; Ural Mountain)

Yearly planning and scheduling the volume of strip mining operations. V. V. Rzhevskii. Gor. zhur. no. 9:23-31 S '56.

STROEV, PAVEL MIKHAILOVICH, 1796-1876

The Decembrist A. O. Kornilovich and the archaeographer P. M. Stroev. A. G. Grum-Grzhimailo. Ist. arkh. no. 4: 255-259 Jl-Ag '56.

STROMATOPOROIDEA

Ivovskii, V. I. [Stromatoporoidea of the Soviet Union. Part I] Stromatoporoidea Sovetskogo Soiuza. Part 1. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1955. 172 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 8)

--[Plates depicting Stromatoporoidea of the Soviet Union] Tablitsy izobrazhenii Stromatoporoidea Sovetskogo Soiuza. Supplement to Part I. 89 plates.

STRONTIUM

Interaction of semiroasted dolomite with strontium ions in aqueous solutions. V. F. Bagratsov. Zhur. neorg. khim. 1 no. 1:178-187 [Jan.] '56.

STRONTIUM—ISOTOPES

Changes in the bones of rats after injection of radioactive strontium [with summary in English]. L. A. Cherkasskii. Vop. onk. 2 no. 3:276-284 '56.

Dynamics of the development of bone sarcomas originating under the influence of radioactive substances [with summary in English]. N. N. Litvinov. Vop. onk. 2 no. 3: 285-294 '56.

STRONTIUM TITANATES

Single crystals of solid solutions of barium and strontium titanates, their production and dielectrical and optical properties. A. L. Khodakov and others. Dokl. AN SSSR 108 no. 5:825-828 Je 56.

STRUCTURAL FRAMES

Calculating model based on the web method. M. I. Diubach. Pryki. mekh. 2 no. 3:333-341 '56.

More accurate specifications in calculating the strength of single-stage frames. K. K. Starshinov. Trudy NIIZHT no. 11:316-322 '55.

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL MATERIALS see Building materials

STRUCTURAL STEEL see Steel, Structural

STRYY VALLEY—GEOLOGY, STRUCTURAL

Some features of terraces of the Stryy and Opor Valleys. L. V. Skvarchevskaia. Dop. ta pov. L'viv. un. no. 5, pt. 2: 52-53 '55.

STUDENT TEACHING

Practical training of future history teachers. N. N. Marachev. Sov. pedag. 20 no. 9:100-107 S '56.

STUDENTS

(see also subdivision under Hamburg; Havana; India; Iraq; Kansas University; Oxford, England; Prague; Sudan; Sverdlovsk)

How to achieve unity? Vsem. stud. nov. 10 no. 8:11 Ag '56.

The impact of the student body on the training of individual students. T. S. Panfilova. Sov. pedag. 20 no. 10:36-43 O '56.

Improve educational work with students. IU. Ioshpa. Sov. profsoiuzy 4 no. 7:57-60 Jl '56.

Is this the road toward unity? Vsem. stud. nov. 10 no. 8:16-17 Ag '56.

The role of the student committee in enhancing students' progress and self-discipline. V. G. Nikiforova. Sov. pedag. 20 no. 10:52-57 O '56.

Unity. Vsem. stud. nov. 10 no. 8:12 Ag '56.

What's new? Peter Waterman. Vsem. stud. nov. 10 no. 8:28 Ag '56.

STUDENTS—DISEASES AND HYGIENE

Physiological and biochemical modifications in the blood of students at examination time. T. Gotsev and others. Fiziol. zhur. 42 no. 7:565-571 Jl '56.

STUDENTS, FOREIGN

Guest from India. Smena 33 no. 15:24 Ag '56.

Twelve thousand students from abroad; interview with V. I. Formashov, Head of the Section on Foreign Relations of the Ministry of Higher Education of the U. S. S. R. Slaviane no. 9:37-38 S '56.

STUDENTS, INTERCHANGE OF

A young Christian tells us about his ideas. D. Stone. Mol. mira no. 8:7 '56.

STUDENTS' PERIODICALS see College and school periodicals

STUDY, METHOD OF

Preparation of homework assignments in a boarding school. V. V. Sheiko. Sov. pedag. 20 no. 10:58-60 O '56.

STURGEONS

Obtaining campolon from sturgeon liver. A. I. Karaev and others. Dokl. AN Azerb. SSR 12 no. 8:593-596 '56.

STYR' VALLEY—PHYSICAL GEOGRAPHY

Historical outline of geological and geomorphological studies in the Styr' Valley. IU. L. Hrubrin. Nauk. zap. Kiev. un. 13 no. 3:173-185 '54.

STYRENE

Effect of nonelectrolites (alcohols) on the rate of styrene polymerization in emulsion and on the dispersion of styrene latexes. T. S. IUrzhenko, A. I. IUrzhenko. Nauk. zap. L'viv. un. 34:15-25 '55.

Study of the distribution of hydrogen peroxide in isopropylbenzene between the styrene and water phase. A. I. IUrzhenko, V. D. Enal'ev. Nauk. zap. L'viv. un. 34: 45-50 '55.

Viscosity of butadiene-styrene polymers in the solid phase. A. S. Novikov, F. S. Tolstukhina. Dokl. AN SSSR 109 no. 3:573-578 Jl '56.

SUBMARINE BLASTING see Blasting, Submarine

SUBMARINE DIVING see Diving, Submarine

SUBMARINE PHOTOGRAPHY see Photography, Submarine

SUBMARINE SIGNALING see Signals and signaling, Submarine

SUBSCRIPTION BOOK TRADE see Booksellers and bookselling—Colportage, subscription trade, etc.

SUBSTATIONS, ELECTRIC see Electric substations

SUBSTITUTION (CHEMISTRY)

Mechanism of the substitution reactions at a saturated carbon atom. O. A. Reutov. Usp. khim. 25 no. 8: 933-968 Ag '56.

SUBVERSIVE ACTIVITIES

Intensify political vigilance constantly ("Treacherous methods of subversion employed by imperialist intelligence services." I. Nikitinskii. Reviewed by A. Gorbacheva). Komm. Bel. 26 no. 10:76-80 O '54.

SUBWAYS see subdivision under Leningrad

SUCKER RODS

Heavy spiral flange. A. A. Aliev. Azerb. neft. khoz. 35 no. 6:24-26 Je '56.

SUCROSE CRYSTALS

Some new simple forms of sucrose crystals. A. Z. Vezir-Zade. Trudy Azerb. ind. inst. no. 3:5-11 '54.

SUDAN

Story of a Sudanese journalist. Nov. vrem. 14 no. 37: 19-20 S '56.

SUDAN—STUDENTS

Trip to Sudan. Ifi Pelikan. Vsem. stud. nov. 10 no. 8:23-24 Ag '56.

SUDAN—YOUTH

Sun over Sudan. P. Mitra. Mol. mira no. 7:8-9 '56.

SUDAN GRASS

Applying fertilizers to Sudan grass and Italian millet in steppes of the Ukrainian S. S. R. A. P. Girenko. Ud. i ur. 1 no. 8:43-48 Ag '56.

Ipekdzhilan, V.M. [The cultivation of Sudan grass] Vozdelyvanie sudanki. Rostov-na-Donu, Rostovskoe kn-vo, 1955. 7 p. (DA)

SUEZ CANAL

Common sense must triumph in the Suez question. Sovremennik. Nov. vrem. 14 no. 40:7-10 S '56.

Conference in London. Ogonek 34 no. 35:6 Ag '56.

Documents: Statement by D. T. Shepilov, U. S. S. R. Foreign Minister, on the results of the London Conference. Nov. vrem. 14 no. 36:insert Ag '56.

How Professor Guernier tried to assist Dulles. V. Durdenevskii. Nov. vrem. 14 no. 40:14-16 S '56.

Jokes and jokes. Nov. vrem. 14 no. 41:17 O '56.

Letters to the editor: Jamaicans support Egypt. Nov. vrem. 14 no. 38:31 S '56.

Nationalization of the Suez Canal Company. Mezhdunar. zhizn' no. 9:156-159 S '56.

Propaganda with an accent. Nov. vrem. 14 no. 40:20 S '56.

Shepilov, D. T. [The Suez problem] Sueiskii vopros. Moskva, Gos. izd-vo polit. lit-ry, 1956. 87 p.

The Suez Canal. G. L. Ignatiuk. Gidr. i mel. 8 no. 10: 39-48 O '56.

Suez Canal. V. Alekseenko. Mezhdunar. zhizn' no. 9: 91-98 S '56.

Suez Canal is Egyptian property. Ukraina no. 17:7 S '56.

The Suez Conference and its outcome. Sovremennik. Nov. vrem. 14 no. 36:4-7 Ag '56.

The Suez problem in the Security Council. Nov. vrem. 14 no. 42:1-2 O '56.

Suez question. Claude Morgan. V zashch. mira no. 64: 1-8 S '56.

Suez question. Mezhdunar. zhizn' no. 9:1-12 S '56.

The Suez question and military bases. Nov. vrem. 14 no. 37:18 S '56.

Telegram from the Central Committee of the United Trade Unions of Korea to the Congress of Egyptian Trade Unions. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 32:1 Ag '56.

Who is out of step? Nov. vrem. 14 no. 41:15 O '56.

Why the Menzies mission failed. IU. Bochkarev. Nov. vrem. 14 no. 38:10-12 S '56.

SUEZ CANAL—PILOTS AND PILOTAGE

Mr. Beale's error. Nov. vrem. 14 no. 42:15 O '56.

SUGAR BEET BREEDING

Sugar-beet breeding. A. Mazlumov. Kolkh. proizv. 16 no. 9:42-43 S '56.

SUGAR BEETS

(see also subdivision under Issuk Kul Province; Ukraine)

Artificial supplementary pollination of sugar beet transplants. K. N. Khuchua. Agrobiologiia no. 4:137 Jl-Ag '56.

Enclosure for thawing frozen loads. I. G. Volchenko, IA. G. Shveiskii, A. I. Tyrykin. Koks i khim. no. 5:16-18 '56.

A high-profit crop. Kolkh. proizv. 16 no. 8:12 Ag '56.

Particular aspects of chemical structure and biochemical processes depending on the size of plants. A. S. Okanenko. Nauk. zap. Kiev. un. 7 no. 6:225-230 '48.

Potentialities for increasing the productivity of labor in beet growing. A. Ushakov. MTS 16 no. 8:12-15 Ag '56.

Practice in cultivating fall-plowed fields for sugar beets. E. A. Mikhailenko. Dokl. Akad. sel'khoz. 21 no. 8:17-19 '56.

Principles of cultivation practices for planning sugar beet crop rotations in the forest-steppe zone of the U. S. S. R. M. A. Grekov. Zemledelie 4 no. 9:35-41 S '56.

SNT-2,1 beet loader (text for cover drawing). G. Shamaev Tekhsov. MTS 17 no. 12:16 Je '56.

Share your experience. N. Nazarenko. Krest'ianka 36 no. 9:9-10 S '56.

Treating seeds with heteroauxin and its effect on sugar beet yields. R. A. Andreeva, M. Shchetinina. Ud. i ur. 1 no. 8:27-30 Ag '56.

SUGAR BEETS—DISEASES AND PESTS

Controlling the larvae of sugar beet weevils. A. K. Ol'khovskaia-Barkova, V. E. Klok. Zashch. rast. ot vred. i bol. 1 no. 2:31-32 My-Je '56.

SUGAR BEETS—DISEASES AND PESTS (Continued)

Selecting sugar beet sprayers. IA. A. Metsakhovich. Zashch. rast. ot vred. i bol. 1 no. 3:18-22 Jl-Ag '56.

Temnorrhynus brevirostris Gyll (Coeoptera, Curculionidae), a new sugar beet weevil in Uzbekistan. IU. N. Brunner. Ent. oboz. 35 no. 1:60-64 '56.

SUGAR BEETS—HARVESTING

(see also subdivision under Lvov Province)

Harvest beets without losses. A. F. Ushakov. Nauka i pered. op. v sel'khoz. no. 8:31-34 Ag '56.

My experience in operating combine-type beet harvesters. N. Ponomarev. MTS 16 no. 8:39 Ag '56.

New harvesting equipment in beet fields. P. Petersen. Kolkh. proizv. 16 no. 9:36 S '56.

Progressive method for harvesting sugar beets. V. Boev. Kolkh. proizv. 16 no. 9:34-35 S '56.

SUGAR BEETS—TRANSPORTATION

Veber, I. R., and others. [Organizing the transportation of sugar beets by railroad] Organizatsiia perevozok sakharnoi svekly po zheleznym dorogam. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 110 p.

SUGAR CANE—DISEASES AND PESTS see subdivision under Tajikistan

SUGAR OF MILK see Lactose

SUGARS

Interaction of sugar and potein substances of oilseeds during processing. V. P. Rzhekhin. Masl.-zhir. prom. 22 no. 6:3-6 '56.

Peculiar features in the conversion of sugars in potato tubers. A. N. Petrova. Dokl. AN SSSR 109 no. 5:1005-1008 Ag '56.

SUKACHEV, VLADIMIR NIKOLAEVICH, 1880-

Vsesoiuznoe botanicheskoe obshchestvo. [To Academician V. N. Sukachev on the 75th anniversary of his birth; a collection of works on geobotany, silviculture, paleogeography and floristics] Akademiku N. V. Sukachevu k 75-letiiu so dnia rozhdeniia; sbornik rabot po geobotanike, lesovedeniiu, paleogeografii i floristike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 592 p.

SUKARNO, ACHMED, 1901-

The arrival in Moscow of Achmed Sukarno, President of Indonesia. Nov. vrem. 14 no. 36:3-4 Ag '56.

SULFANILAMIDES

Comparative rating of the therapeutic effect of sulfanilamide and of a 1% synthomycin emulsion in trachoma. V. B. Geft. Trudy AN Tadzh. SSR 40:95-107 '55.

Method for determining the stability of microbes to sulfanilamides and antibiotics. I. A. Sutin, E. S. Donchenko. Lab. delo 2 no. 3:25-28 My-Je '56.

Modified method for determining sulfanilamides adopted to studying the coenzyme A content and the acetylation capacity of tissues. O. N. Sytinskaia. Vop. med. khim. 2 no. 3:214-221 My-Je '56.

SULFANILYL CHLORIDE

Interaction of acylsulfanilyl chloride with 2-aminothiazole. Part 1. Study of the interaction of di-(carbomethoxysulfanilyl)-aminothiazole with 2-aminothiazole. B. G. IAsnitskii, E. B. Dol'berg. Zhur. ob. khim. 26 no. 7:2046-2049 Jl '56.

SULFATES

(see also subdivision under Belovod', Lake)

Complexing in aqueous solutions of sulfuric acid and of sulfates of certain metals. IA. A. Fialkov, Z. A. Sheka. Zhur. neorg. khim. 1 no. 6:1238-1242 Je '56.

Double sulphates of titanium with ammonium sulphate. IA. G. Goroshchenko. Dokl. AN SSSR 109 no. 3:532-534 Jl '56.

Physicochemical studies of binary systems: water -- sodium sulfate and water -- magnesium sulfate. G. G. Urazov, L. S. Efimenko. Zhur. neorg. khim. 1 no. 1: 100-124 [Jan.] '56.

Secondary alkyl sulfates as washing products. A. IU. Rabinovich, E. S. Skripchenko. Masl.-zhir. prom. 22 no. 6:19-20 '56.

Sokolova, E. L., L. P. Listova, and A. Z. Vainshtein. [Equilibrium systems of ferri- and ferrosilicate sulfates and chlorides] Ferrisilikatnye i ferrosilikatnye sul'fatnye i khloridnye sistemy ravnovesiia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 65 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 3)

Solubility in the quaternary reciprocal system (2KCl + $MgSO_4 \rightleftarrows K_2SO_4 + MgCl_2$) + $H_2O$ at 75°. E. I. Lukianova, V. I. Sokol, G. N. Sokolova. Zhur. neorg. khim. 1 no. 2: 298-307 F '56.

Study of equilibriums in the system: $K_2SO_4$ — $Na_2SO_4$ — $MgSO_4$ — $H_2O$ at 55°. O. K. IAnat'eva, V. T. Orlova. Zhur. neorg. khim. 1 no. 5:988-994 My '56.

Study of regularities in the distribution of isomorphic components during the crystallization from aqueous solutions with the aid of radioactive indicators. Part 1. Study of the equilibrium in the system: copper ammonium sulfate -- zinc ammonium sulfate -- water at 20° and with the use of radioactive isotopes $Zn^{65}$ and $Cu^{64}$. G. I. Gorshtein, N. I. Sliant'eva. Zhur. ob. khim. 26 no. 7:1821-1826 Jl '56.

Study of solubility in the system: $K_2SO_4$ — $MgSO_4$ — $CaSO_4$ — $H_2O$ at 55°. N. V. Bodaleva, I. N. Lepeshkov. Zhur. neorg. khim. 1 no. 5:995-1007 My '56.

Ternary system of sodium, potassium, and cadmium sulfates. E. L. Bekumskaia, A. G. Bergman. Zhur. neorg. khim. 1 no. 5:1035-1041 My '56.

SULFIDES

Colorimetric determination of sulfide ions by means of the molybdenum thiocyanate reaction [with English summary in insert]. V. A. Nazarenko, M. B. Shustova. Zhur. anal. khim. 11 no. 4:489-491 Jl-Ag '56.

Formation of sulfides during the interaction of ferrous sulfide with metal oxides. Zh. L. Vert, M. V. Kamentsev. Zhur. neorg. khim. 1 no. 3:489-498 Mr '56.

Oxidation of sulfides with hydrogen peroxide. E. N. Karaulova, G. D. Gal'pern. Khim. i tekh. topl. no. 9: 39-44 S '56.

Solubility of ore forming sulfides in water solutions. IA. I. Ol'shanskii, R. P. Rafal'skii. Dokl. AN SSSR 108 no. 5:882-884 Je '56.

Some data on the ratio of sulfur in sulfides and in total sulfur in fractions of Romashkinskiy and Tuymazy petroleums. V. G. Luk'ianitsa, G. D. Gal'pern. Trudy Inst. neft. 8:76-83 '56.

SULFIDES—METALLURGY

Ignition of metal sulfides. L. I. Penzimonzh. TSvet. met. 29 no. 9:54-62 S '56.

SULFITE LIQUOR

Adsorption of sulfite liquor in DDT emulsions. S. F. Bezuglyi. [Trudy] NIUIF no. 156:147-154 '55.

Martynenko, K. D. [Technical equipment of hydrolysis and sulfite and alcohol plants] Tekhnologicheskoe oborudovanie gidroliznykh i sul'fitno-spirtovykh zavodov. Moskva, Goslesbumizdat, 1956. 251 p.

SULFOCARBON

Thermal stability of sulfocarbon. A. P. Prevarskii. Elek. sta. 27 no. 7:54 Jl '56.

SULFONATION

Sulfonation of 2-chloronaphthalene. Part 1. Low temperature sulfonation. N. N. Vorozhtsov, N. N. Karandasheva. Zhur. ob. khim. 26 no. 7:1997-2002 Jl '56.

SULFONIC ACIDS

Sulfone sulfo acids as by-products in sulfonation. Part 2. Behavior of disulfo acids of diphenylsulfone in the alkaline fusion of m-benzenedisulfonic acid. A. P. Shostov, N. A. Osipova. Zhur. ob. khim. 26 no. 7:2005-2009 Jl '56.

SULFUR

Accelerated lamp method for determining sulfur in various petroleum products. N. P. Volynskii. Trudy Inst. neft. 8:84-87 '56.

Catalytic desulfurization of benzene under pressure. N. B. Kondukov. Koks i khim. no. 6:42-45 '56.

Comparative absorption characteristics of swampy ores of Leningrad Province, the Tukan deposits and industrial by-products of the Sterlitamak Soda Plant. IU. D. Kernos, N. I. Brodskaia, V. P. Teodorovich. Gaz. prom. no. 10:9-13 O '56.

Corrosion of arsenic-soda apparatus of desulfurating installations. I. A. Levin, A. V. Avdeeva, N. P. Kovalenko. Khim. prom. no. 4:237-239 Je '56.

Double combustion method for determining sulfur in petroleum products. N. P. Volynskii, I. K. Chudakova. Trudy Inst. neft. 8:88-91 '56.

Role of hydrogen sulfide in the appearance of a reduction potential in experiments. D. V. Lipsits. Vop. med. khim. 2 no. 3:182-187 My-Je '56.

Some data on the ratio of sulfur in sulfides and in total sulfur in fractions of Romashkinskiy and Tuymazy petroleums. V. G. Luk'ianitsa, G. D. Gal'pern. Trudy Inst. neft. 8:76-83 '56.

Sulfur intake of plants in root and foliar nutrition. I. V. Mosolov, L. P. Volleidt. Ud. i ur. 1 no. 8:13-17 Ag '56.

SULFUR—ISOTOPES

Diffusion of radioactive methionine ($S^{35}$) in proteins of various organs and tissues of cattle and rabbits. N. G. Belen'kii and others. Dokl. Akad. sel'khoz. 21 no. 8: 3-6 '56.

Synthesis of pyrite labeled with the isotope $S^{35}$. V. F. Oroshko, L. D. Khatchatrian, M. D. Kozlova. Zhur. neorg. khim. 1 no. 4:838-840 Ap '56.

SULFUR COMPOUNDS

Chromatographic adsorption analysis used for studying sulfur compounds of kerosine of Tuymazy Devonian petroleum. A. S. Sosnina. Trudy Inst. neft. 8:68-75 '56.

Isolation of sulfur compounds by means of tin chlorides. E. N. Karaulova, A. S. Nekrasov. Trudy Inst. neft. 8:80-87 '56.

SULFUR DIOXIDE

Conference on the problems relative to the production of sulfuric gas. Khim. prom. no. 3:183-184 Ap-My '56.

SULFUR HALIDES

Study of the ternary system: sulfur — bromine — iodine by the fusibility method. L. F. Denisova. Zhur. neorg. khim. 1 no. 4:758-771 Ap '56.

SULFUR IN THE BODY

Methods for the determination of sulfur in tissues. IE. F. Sopin, L. K. Dyl'. Nauk. zap. Kiev. un. 13 no. 6:215-218 '54.

SULFUR TRIOXIDE

Physicochemical study of the system $H_2O$ -- $SO_3$. Part 1. Vapor-liquid phase equilibrium in the system: $H_2O$ --$SO_3$. G. P. Luchinskii. Zhur. fiz. khim. 30 no. 6: 1207-1222 Je '56.

SULFURIC ACID

Absorption of sulfuric acid on a lead dioxide electrode. I. G. Kiseleva, B. N. Kabanov. Dokl. AN SSSR 109 no. 5:864-867 Je '56.

Acidity function for the system: $H_2SO_4$ — $H_2O$ at various temperatures. A. I. Gel'bshtein, G. G. Shchegolova, M. I. Temkin. Zhur. neorg. khim. 1 no. 3:506-515 Mr '56.

Excretion of ester-bound sulfuric acid with the urine in cancer. S. G. Kachanova. Vop. med. khim. 2 no. 4: 252-254 Jl-Ag '56.

SUMA PROVINCE—FARM MECHANIZATION—STUDY AND TEACHING

Letter from virgin lands. N. Magar. Prof.-tekh. obr. 13 no. 7:29 Jl '56.

SUMY—POULTRY HATCHERIES

Raising chicks in cages at the Sumy Hatchery. I. A. Olenik. Ptitsevodstvo 6 no. 9:19 S '56.

SUN

Earth and the sun. I. A. Khvostikov. Znan. sila 31 no. 9:8-12 S '56.

Explosion on the sun. A. A. Mikhaltov. Nauka i zhizn' no. 9:63 S '56.

Observations of the sun and the polestar in the fifth class. P. N. Karnitskii. Geog. v shkole 19 no. 4:40-40 Jl-Ag '56.

SUN—CORONA

Absolute surface photometry and colorimetry of the solar corona of June 30, 1954. N. N. Sytinskaia. Astron. tsirk. no. 170:5-7 '56.

Observations of line 6691 Å in the solar corona. M. N. Gnevyshev, R. S. Gnevysheva. Astron. tsirk. no. 169: 6-7 '56.

Photoelectric recording of the λ5303 Å emission line of the solar corona by means of a spectrometer and a coronograph in the absence of eclipse. M. G. Karimov, V. I. Moroz. Dokl. AN SSSR 109 no. 3:469-471 Jl '56.

Some results of observations of the solar corona made without an eclipse and the outlook for the development of a coronal observation station. M. G. Karimov. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:89-98 '56.

Visual determination of the integral luminosity of the solar corona of June 30, 1954. V. Sharonov. Astron. tsirk. no. 170:4-5 '56.

SUN—FACULAE

Spectrophotometry of faculae in active areas in 1956. O. A. Mel'nikov, S. S. Zhuravlev. Vest. Len. un. 11 no. 13:124-133 '56.

Sun faculae in hydrogen lines $H_\delta$ and $H_\varepsilon$. A. A. Ismailov. Izv. AN Azerb. SSR no. 7:3-7 Jl '56.

SUN—PROMINENCES

Determination of magnetic field intensity in prominences by the motion of their knots in the picture plane: (summary). G. M. Idlis. Izv. Astrofiz. Inst. AN Kazakh. SSR 3 no. 4:83-84 '56.

Excitation of helium in the solar chromosphere. V. A. Krat, V. M. Sobolev. Dokl. AN Azerb. SSR 12 no. 9: 617-621 '56.

SUN—RADIATION see Solar radiation

SUN BATHS

The concept of the cylindricality of the human body and its practical application in heliotherapy. N. E. Chukhin. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:26-33 Jl-S '56.

Dosage of sun baths in ultraviolet radiation units by an automatic dosimeter. L. A. Kuntchev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:34-37 Jl-S '56.

Regulating the length of water and air procedures. A. M. Voronov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3: 74-76 Jl-S '56.

SUNFLOWERS

Deep subsoiling for corn and sunflower. V. P. Balko, M. A. Khodanovich. Zemledelie 4 no. 9:73-76 S '56

Sunflower. I. A. Minkevich. Nauka i pered. op. v sel'khoz. no. 8:76-79 Ag '56.

Take into consideration the nectar yield when breeding sunflowers. V. Chmel'. Pchelovodstvo 33 no. 9:63 S '56.

SUNFLOWERS—VARIETIES see subdivision under Kirghizistan

SUNSPOTS

The brightness of comets and activity on the solar surface. S. V. Orlov. Astron. zhur. 33 no. 3:377-381 My-Je '56.

SUPERHEATERS
Defects of steam superheaters of TP-230-2 boilers manufactured by the Taganrog Boiler Works. T. V. Alimova. Energetik 4 no.9:8-9 S '56.

SUPERSATURATED SOLUTIONS see Solutions, Supersaturated

SUPERSONIC WAVES see Ultrasonic waves

SUPERSTITION
Omens. M. I. Krutik. Nauka i zhizn' no. 9:40-41 S '56.

SUPPLIES, MEDICAL see Medical supplies

SUPRARENAL BODIES
Corticosteroid content in the suprarenal glands in cattle of various age groups. N. A. IUdnev, K. V. Druzhinina. Vop. med. khim. 2 no. 4:255-261 Jl-Ag '56.

SURFACE-ACTIVE AGENTS
Chemical structure of surface-active substances (depressing agents) which increase the fluidity of lubricating oils at low temperatures. P. I. Sanin, A. V. Ul'ianova, V. V. Sher. Khim. i tekh. topl. no. 8:54-58 Ag '56.

SURFACE TENSION
Certain properties of surface-active metals. N. L. Pokrovskii. Zhur. neorg. khim. 1 no. 6:1383-1386 Je '56.
Measuring surface tension of petroleum at an oil-water boundary. M. M. Kusakov, I. M. Kosheleva. Trudy MNI no. 16:32-38 '56.
Study of the surface tension of alkali-metal amalgams. P. P. Pugachevich, O. A. Timofeevichova. Zhur. neorg. khim. 1 no. 6:1387-1393 Je '56.
Surface tension of simple oxide systems. S. I. Popel', O. A. Esin. Zhur. fiz. khim. 30 no. 6:1193-1201 Je '56.

SURFACES
General elliptical system of the first order and automorphous quasianalytical functions upon surfaces. I. I. Danilluk. Dokl. AN SSSR 109 no. 2:253-255 Jl '56.
K. F. Gauss's work in the geometry of surfaces. A. V. Pogorelov. Vop. ist. est. i tekh. no. 1:61-63 '56.

SURFACES (TECHNOLOGY)
Deformation of wood surfaces by the pressure exerted by measuring instruments. B. M. Buglai. Der. prom. 5 no. 8:5-6 Ag '56.

SURFACES, REPRESENTATION OF
Continuity of univalent mappings of arbitrary closed domains. G. D. Suvorov. Dokl. AN SSSR 109 no. 5: 777-779 Je '56.

SURGERY
Minutes of sessions of the Pirogov Surgical Society. Vest. khir. 77 no. 7:144-146 Jl '56.
Session of the Surgical Society of Moscow and Moscow Province held on Sept. 9, 1955. Khirurgiia 32 no. 6:92-95 Je '56.

SURGERY—ABSTRACTS
[Abstracts of Soviet medical literature: Surgery.] Sovetskoe meditsinskoe referativnoe obozrenie: Khirurgiia no. 25 '56.

SURGERY—HISTORY
On the history of Russian surgery ("V. A. Karavaev," S. S. Mikhailov. Reviewed by S. M. Bagdasar'ian). Voen.-med. zhur. no. 10:95-96 O '55.

SURGERY, ABDOMINAL see Abdomen—Surgery

SURGERY, OPERATIVE
Causes of learning foreign bodies in wounds during surgery. IU. P. Edel'. Khirurgiia 32 no. 6:76-79 Je '56.
Investigation of vascular tonus by means of finger plethysmography in peridural anesthesia, in surgery, and in traumatic shock. L. D. Karpilovskii. Klin. med. 34 no. 6:67-65 Je '56.
Slonim, I. IA. [Technics of radical surgery for cancer] Tekhnika radikal'nykh operatsii po povodu raka. Kiev, Gos. med. izd-vo, 1956. 209 p.
(DAFM)

SURGICAL INSTRUMENTS AND APPARATUS
Clamp for connecting and fixing bone splinters. K. N. Maliakin. Voen.-med. zhur. no. 10:79 O '56.

SURGICAL PATHOLOGY see Pathology, Surgical

SURKHAN-DARYA PROVINCE—COTTON GROWING
Cross cultivation is a means of lowering work expenditure in cotton growing. K. Bekmuradov. Khlopkovodstvo 6 no. 8:16-18 Ag '56.

SURKHAN-DARYA PROVINCE—TILLAGE
Cross cultivation is a means of lowering work expenditure in cotton growing. K. Bekmuradov. Khlopkovodstvo 6 no. 8:16-18 Ag '56.

SURVEYING
Establishing state triangulation and topographic surveys at scales of 1:25,000 and 1:10,000. S. G. Sudakov. Geod. i kart. no. 3:7-17 My '56.

SURVEYING—INSTRUMENTS
Errors in the interpretation of geometrical conditions of alidades. P. I. Mykhailova'kyi. Nauk. zap. Kiev. un. 13 no. 3:217-224 '54.
Modern foreign-made levels having automatically adjusting sighting lines. P. I. Durneva. Geod. i kart. no. 4: 57-67 Je '56.
New geodetic instruments used in mine surveying. N. A. Gusev. Gor. zhur. no. 9:51-58 S '56.
Optical vernier and proportional evaluator. N. A. Gusev. Geod. i kart. no. 4:37-40 Je '56.
SPR-2 stereophotogrammetric instrument. G. P. Zhukov. Geod. i kart. no. 1:49-55 Mr '56.
Short survey of some foreign stereophotogrammetric instruments. V. A. Treshcheva. Geod. i kart. no. 1: 69-78 Mr '56.
Studying the accuracy of determining heights with the KB-1 alidade. A. M. Chizhmakova. Geod. i kart. no. 1: 56-59 Mr '56.

SUSLIKS, FOSSIL see subdivision under Arzni region

SUVOROV, ALEKSANDR VASIL'EVICH, 1730-1800
A description of A. V. Suvorov's documents. Reviewed by N. S. Orlova, E. P. Pod"iapol'skaia. Ist. arkh. no. 4: 281-283 Jl-Ag '56.

SUVOROVSKAYA DISTRICT—SHEEP—DISEASES
Effective remedy against helminthiasis in sheep. I. P. Kirsanov. Ovtsevodstvo no. 8:45-46 Ag '56.

SUZDAL—STOVES
Eleventh and twelfth century cookstoves in Suzdal. A. D. Varganov. Krat. soob. IIMK no. 65:49-54 '56.

SVERDLOVSK—COOPERATIVE SOCIETIES
The regular bulletin is out; review of the press. Prom. koop. no. 9:27 S '56.

SVERDLOVSK—LAW—STUDY AND TEACHING
At the Sverdlovsk Law Institute. S. A. Sov. gos. i pravo no. 4:132-133 '56.

SVERDLOVSK PROVINCE—TECHNICAL EDUCATION
Don't lose time. P. Shmonin. Prof.-tekh. obr. 13 no. 7:20 Jl '56.

SVERDLOVSK PROVINCE—TELEPHONE—ACCOUNTING
Business accounting in the Sverdlovsk interurban telephone office. I. V. Klebanov. Vest. sviazi 16 no. 8:16-17 Ag '56.

SVOBODA, LUDMILA
Ludmila Svoboda's mail. Mol. mira no. 7:17 '56.

SWAMP FEVER
Discussion on P. F. Khoruzhenko's article "Epidemiology of swamp fever." A. A. Varfalomeeva, G. N. Koval'skii. Zhur. mikrobiol. epid. i immun. 27 no. 9:106-107 S '56.

SWAMPS
(see also subdivision under Polesye; Sysola Valley)
Some data on evaporation and temperature in cultivated and virgin swamplands. V. F. Shchoko. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:224-249 '56.
Work of the Committee of Swamp Research of the All-Union Society of Soil Scientists within the decade 1946-1955. N. IA. Kats. Pochvovedenie no. 6:129-133 Je '56.

SWEAT GLANDS
Studying the sweat glands in cattle in relation to milk production. N. A. Kravchenko, A. G. Baznosenko, M. A. Liubashenko. Nauk. zap. Kiev. un. 8 no. 7:217-239 '50 [i.e. '49].

SWEDEN—ARCHIVES
Archival work in Sweden. S. M. Mirnyi. Ist. arkh. no. 4: 201-212 Jl-Ag '56.

SWEDEN—CHLORINE INDUSTRY
Keating method for the production of chlorine dioxide. (From "Svensk Papperstidning" no. 16, 1954, "Das Papier" no. 9/10, 1952). N. A. Rozenberger. Bum. prom. 31 no. 7:27-28 Jl '56.

SWEDEN—DESCRIPTION AND TRAVEL
Trip through Sweden; a photosketch. IUr. Zaruby. Ukraina no. 16:29-31 Ag '56.

SWEDEN—ELECTRIC POWER PLANTS
Gas-turbine installation of 40 Mw capacity (From: Maschinenbau u. Wärmetechnik No. 3 '56). K. Noiman. Teploenergetika 3 no. 8:51 Ag '56.

SWEDEN—LIBRARIES
The libraries of Sweden. F. Abrikosova. Bibliotekar' no. 9:37-44 S '56.

SWEDEN—METAL DETECTORS
Metal detector of new design. Der. prom. 5 no. 8:30 Ag '56.

SWEET POTATOES
Sweet potato, a useful crop for animal and human consumption. A. IA. Mallmon. Izv. Otd. est. nauk AN Tadzh SSR no. 13:93-108 '56.

SVERDLOVSK—STUDENTS
Communist Youth League members of an institution of higher learning ("Affairs and days of Communist Youth League members of an institute." A. Dobryden', E. Kazantsev. Reviewed by A. Tarasov). Mol. komm. 14 no. 8:123-124 Ag '56.

SWIMMING
(see also subdivision under Moscow)
Children in a swimming pool and elementary swimming instruction. O. and F. Doshk. vosp. 29 no. 9:39-40 S '56.
Exercises with an additional resistance for training swimmers. Sh. N. Musastikov. Teor. i prak. fiz.-kul't. 19 no. 8:594-597 '56.
Long-distance relay swimming. G. Paniutin. Voen. znan. 31 no. 6:24 Je '56.
So-called early specialization in training adolescents in swimming. K. M. Smirnov, L. P. Simnitskaia, E. L. SklIarchik. Teor. i prak. fiz.-kul't. 19 no. 8:616-619 '56.
Some problems in defining modern crawl technique. V. A. Kislukhin. Teor. i prak. fiz.-kul't. 19 no. 8:588-593 '56.
Ulvi Voog swims. N. Nikolaev. Smena 33 no. 15:23 Ag '56.

SWIMMING POOLS see subdivision under Kiev

SWINE
(see also subdivision under Estonia; Kuban; Tatar A.S.S.R.; Ukraine; United States; Urzhum District; White Russia)
Comparative rating of surgical and biological methods of castrating pigs. O. N. Preobrazhenskii. Veterinariia 33 no. 10:76-77 O '56.
Effect of baths on the health of swine. A. M. Grebenev. Svinovodstvo no. 5:39-40 Jl '56.
Flagrant violation of zootechnical and veterinary principles on the "Nosovichi" State Farm. B. A. Nemtsov. Sovkhoz. proizv. no. 9:59 S '56.
How we raise young pigs. P. P. Zahrebel'nyi. Sots. tvar. 28 no. 9:21-23 S '56.
Increasing labor productivity in swine breeding. Svinovodstvo no. 3:1-4 My '56.
M. P. Tushnov's histolysates in swine breeding. R. N. Telishkov. Veterinariia 33 no. 10:82-83 O '56.
Make wider use of scientific achievements and progressive work practices. Svinovodstvo no. 5:1-3 Jl '56.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [Breeds of swine at the All-Union Agricultural Exhibition, 1954-1955] Porody svinei po materialam VSKhV. [Moskva] Ministerstvo sel'skogo khoziaistva SSSR, 1956-. 1 v.
(DA)
Pork production has been increased. A. R. Pron'. Sots. tvar. 28 no. 10:19 O '56.
Pork production will be doubled. M. Chukhrii. Kolkh. proizv. 16 no. 9:28-29 S '56.
Red'kin, A.P. [Swine breeding] Svinovodstvo. Izd. 2-oe, dop. i ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 447 p.
(DA)
[The swine breeding farm.] Svinovodcheskaia ferma no. 10 O '56.
Swine-breeding section of the "Krasnyi Oktiabr'" Collective Farm. A. P. Smirnov. Svinovodstvo no. 5:6-9 Jl '56.
Twenty-nine pigs per sow. A. S. Sletsenko. Svinovodstvo no. 5:4-6 Jl '56.
Ways of lowering the production cost of pork. M. P. Dormidontov, N. I. Korolaeva. Svinovodstvo no. 3:39-42 My '56.
We raise purebred pigs. H. B. Kolomiichuk. Sots. tvar. 28 no. 10:17-19 O '56.

SWINE—BIBLIOGRAPHY see Bibliography—Swine

SWINE—DISEASES
Use of antibiotics in gastrointestinal diseases in young pigs and dysentery in hogs. V. F. Grezin, A. I. Noskov. Dokl. Akad. sel'khoz. 21 no. 9:3-6 '56.

SWINE—DISEASES AND PESTS
Effectiveness of a twofold tuberculin test in swine. V. I. Rotov, V. I. Lebedev. Sots. tvar. 28 no. 10:61 O '56.
Furamon, a remedy against diarrhea in swine. B. M. Semenenko. Sots. tvar. 28 no. 10:59-61 O '56.

SWINE—EXHIBITIONS
(see also subdivision under Moscow)
Swine breeding at the All-Union Agricultural Exhibition of 1956. V. M. Tikhomirov, V. E. Gavrilova. Svinovodstvo no. 3:9-12 My '56.
Unreasonable work practice ("Swine breeding at the All-Union Agricultural Exhibition of 1954." N. A. Ermakov. Reviewed by N. I. Koniaev). Svinovodstvo no. 3:45-47 My '56.

SWINE—FEEDING AND FEEDING STUFFS
(see also subdivision under Stalino Province; Ukraine)
Combined self-feeder for swine. I. I. Krugliak, F. I. Tret'iakov. Svinovodstvo no. 5:32-36 Jl '56.

SWINE—FEEDING AND FEEDING STUFFS (Continued)
Controlled fattening is a method for upgrading swine in swine-breeding sections of collective farms. F. A. Grachev. Svinovodstvo no. 5:27-31 Jl '56.
Controlled fattening of swine. A. P. Red'kin. Svinovodstvo no. 5:24-26 Jl '56.
Effect of ear corn silage on digestion in swine. O. I. Arkhypovets'. Sots. tvar. 28 no. 10:32-34 O '56.
Effectiveness of feeding cracked corn to swine. T. M. Skyba. Sots. tvar. 28 no. 9:31-33 S '56.
Eight man-hours for each centner gain of pork. V. A. Dobrovol'skii. Sovkhoz. proizv. no. 9:14-18 S '56.
Fattening hogs for meat on silage of ear corn and potatoes. D. Novosel'tsev. Kolkh. proizv. 16 no. 8:25 Ag '56.
Fattening of hogs on the "Maslovskii" State Farm. Kolkh. proizv. 16 no. 8:26-28 Ag '56.
Feeding mixed corn silage to pregnant sows. T. V. Gorb. Svinovodstvo no. 5:42-44 Jl '56.
Feeding swine meat-making rations. L. V. Ippolitova. Svinovodstvo no. 5:10-13 Jl '56.
How we organize the fattening of swine. F. T. Tertyshnikov. Svinovodstvo no. 5:14-16 Jl '56.
Intensive fattening of swine on meat-making rations. A. S. Nerasymenko. Sots. tvar. 28 no. 10:20-24 O '56.
Let's fatten ten thousand pigs on food wastes. N. A. Kol'tsov. Svinovodstvo no. 5:17 Jl '56.
Measures for preventing salt poisoning. S. I. Vishniakov. Svinovodstvo no. 5:40-41 Jl '56.
Mixed silage in swine rations. S. T. Klitsenko. Sots. tvar. 28 no. 9:35-36 S '56.
Practices for increasing milk production in swine. V. A. Koniukhova. Svinovodstvo no. 3:43-44 My '56.
Preparation and use of mixed corn silage. S. T. Klitsenko. Svinovodstvo no. 3:19-23 My '56.
Proper feeding of swine with potatoes. Stefan Aleksandrovich. Nauka i pered. op. v sel'khoz. no. 8:90 Ag '56.
Raising meat-type swine is profitable. V. A. Sokolov. Nauka i pered. op. v sel'khoz. no. 9:41 S '56.
Raising purebred pigs on rations containing corn. H. M. Pocherniaeva. Sots. tvar. 28 no. 10:29-31 O '56.
Self-feeders for swine. V. I. Moroz. Sots. tvar. 28 no. 10:46-49 O '56.
Successes of the Zhdanov Collective Farm in pork production. P. M. Demkevych. Sots. tvar. 28 no. 9:17-19 S '56.
Swine-fattening station serving several collective farms. M. I. Kravtsov. Sots. tvar. 28 no. 9:26-27 S '56.
Using distillers' grains for fattening hogs. G. S. Unanov. Svinovodstvo no. 3:23-28 My '56.
Young people on swine farms. N. Kobtsev. Mol. komm. 14 no. 9:83-88 S '56.

SWINE BREEDING
Breeding work on the "Nikonovskoye" State Swine Farm. V. G. Kozlovskii, N. P. Smirnov. Svinovodstvo no. 3:29-32 My '56.
Conference on swine breeding. N. S. Liashenko. Svinovodstvo no. 5:45-47 Jl '56.
Culling methods in swine breeding. P. P. Honcharenko. Sots. tvar. 28 no. 9:37-41 S '56.
Improve the breeding of swine. P. P. Honcharenko. Sots. tvar. 28 no. 10:38-43 O '56.
Mass control method in swine breeding. V. Makarov. Sovkhoz. proizv. no. 9:68-70 S '56.

SWINE HOUSES AND EQUIPMENT
Automatic field feeders and waterers for swine. D. I. Chirkov. Svinovodstvo no. 3:36-38 My '56.
Increase the production of pork ten times. M. T. Merzlikin. Nauka i pered. op. v sel'khoz. no. 7:73 Jl '56.
Keeping swine in groups. N. A. Shcherbov. Svinovodstvo no. 3:33-35 My '56.
[illegible] 'ugatkainvn'sh. Sel'.

SWITCHES, ELECTRIC see Electric switchgear

SWITZERLAND—ATOMIC POWER INDUSTRY
Unequal agreement. V. Semenov. Nov. vrem. 14 no. 42: 10-12 O '56.

SWITZERLAND—STEAM TURBINES
Construction of steam turbines in Switzerland. L. A. Shubenko-Shubin. Energomashinostroenie no. 8:27-31 Ag '56.

SYLVIC ACID see Abietic acid

SYMBOLIC AND MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

SYMMETRIC FUNCTIONS
Realization of symmetric functions in the class of P-circuits. V. K. Korobkov. Dokl. AN SSSR 109 no. 2: 260-263 Jl '56.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYNERESIS
Synaeresis of greases; effect of temperature on the synaeresis of gels of lithium stearate in instrument oil. V. M. Martynov. Khim. i tekh. topl. no. 9:63-66 S '56.

SYNGAEVSKII, PETR
Horizons of a lyrical hero ("lyrics of my spring"; verse. Petr Syngaevskii. Reviewed by IUrii Barabash). Dnipro 30 no. 9:125-127 S '56.

SYNOVIAL MEMBRANES
Experimental data on the permeability of the synovial membranes. T. M. Tupikova. Med. rad. 1 no. 3:35-42 My-Je '56.

SYNTHETIC CHEMISTRY see Chemistry, Organic—Synthesis

SYNTHETIC PRODUCTS
Terylene, a new synthetic material for motion-picture films. E. F. Russkova, B. N. Korostylev. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:148-151 Mr-Ap '56.

SYPHILIS
Condition of the neurovascular system during syphilis with salvarsan complications. T. V. Vasil'ev. Vest. ven. i derm. 30 no. 4:25-29 Jl-Ag '56.
Ecmonovocillin for treating syphilis in outpatients. D. I. Khaimovskii and others. Vest. ven. i derm. 30 no. 4: 59 Jl-Ag '56.
Treatment of syphilis with ecmonovocillin. M. A. Rozentul and others. Sov. med. 20 no. 7:24-28 Jl '56.
Using human blood complement for the Wassermann reaction. N. D. Pasternak. Lab. delo 2 no. 2:29 Mr-Ap '56.

SYPHILIS—DIAGNOSIS
Significance of complement fixation at low temperature; results of comprehensive work of 11 institutes of dermatology and venerology. N. M. Ovchinnikov. Vest. ven. i derm. 30 no. 4:29-32 Jl-Ag '56.

SYPHILIS—DIAGNOSIS—WASSERMANN REACTION
Fiftieth anniversary of the Wassermann reaction. L. S. Reznikova. Lab. delo 2 no. 3:3-5 My-Je '56.

SYPHILIS, CONGENITAL, HEREDITARY, AND INFANTILE
"Late congenital syphilis." B. M. Pashkov. Reviewed by A. N. Fedorovskii. Sov. med. 20 no. 7:94-96 Jl '56.

SYR DARYA VALLEY—IRRIGATION
Taming of the Syr Darya. V. Vaniushin. Sov. Kazakh. 22 no. 7:13-23 Jl '56.

SYRIA—ECONOMIC CONDITIONS
"Soviet-Arab friendship is as strong as Damascus steel." I. S. Senin. Nov. vrem. 14 no. 40:23-25 S '56.

SYRIA—HISTORY
The birth of independence ("Evacuation" [in Arabic]. Munir Taqi ed-Din. Reviewed by D. Bashirov). Nov. vrem. 14 no. 38:29-31 S '56.

SYRIA—RELATIONS (GENERAL) WITH RUSSIA
"Soviet-Arab friendship is as strong as Damascus steel." I. S. Senin. Nov. vrem. 14 no. 40:23-25 S '56.

SYRINGOMYELIA
Dermatological symptoms in syringomyelia. T. M. IUrinov. Vest. ven. i derm. 30 no. 4:56-57 Jl-Ag '56.

SYRPHUS FLIES
(see also subdivision under Sakhalin Province)
New data on the systematics of Palaearctic species of the genus Sphegina Mg. (Diptera, Syrphidae). Part I. [with summary in German]. A. A. Shtakel'berg. Ent. oboz. 35 no. 3:706-715 '56.

SYSOLA RIVER—LUMBER—TRANSPORTATION
Water-level curve of the Sysola River. A. M. Vlatkina. Trudy Komi. fil. AN SSSR no. 3:112-120 '55.

SYSOLA VALLEY—SWAMPS
Swamp formation and swamp control in concentrated cuttings in pine-blueberry woods of the Sysola River basin. A. S. Dmitriev. Trudy Komi fil. AN SSSR no. 1: 65-69 '53.

SYSTEMS (CHEMISTRY)
Principal constitution and heat resistance diagrams of metal systems. M. V. Zakharov. Inst. splav. tsvet. met. no. 1:25-41 '55.

TABLE TENNIS
What kind of racket to use? I. Shramkov. Sp. igry 2 no. 6:25-26 Je '56.

TABLES, MATHEMATICAL see Logarithms

TABORY (DOBRYANKA DISTRICT)—ANTIQUITIES
Relics of the Rodanovo culture in the village Tabory; discoveries of the Kama archaeological expedition. V. A. Oborin. Krat. soob. IIMK no. 66:107-110 '56.

TABULATING MACHINES
Orlov, A. [Tabulating machines, models "SDU-110" and "SDU-130"] Schetno-zapisyvaiushchie mashiny SDU-110" i SDU-130." Moskva, Gosfinizdat, 1955. 130 p.

TACH'ENG ISLAND—FISHERIES
Tach'eng Island today. Kitai no. 7:10-13 Jl '56.

TACHINIDAE
Phasiid flies (Diptera, Phasiidae), parasites of stink bugs (Pentatomidae) in Krasnodar Territory. K. V. Kamenkova. Ent. oboz. 35 no. 2:324-333 '56.

TACHOMETER
Wireless tachometer used in turbodrilling. V. P. Vaytsmov. Neftianik 1 no. 4:23-25 Ap '56.

TACTICS—STUDY AND TEACHING
Against simplification and conditionalities in tactical training. Voen. vest. 36 no. 8:2-7 S '56.
Several remarks on the practice of tactical drills. A. Vinogradov. Voen. vest. 36 no. 9:15-17 S '56.

TAIGA
Let's use the taiga for commercial hunting. Okh. i okh. khoz. no. 9:3-4 S '56.

TAILORING
New methods for helping customers in fashion ateliers and workshops. D. Zamkovskii, V. Mirueva. Sov. torg. no. 8:21-24 Ag '56.

TAIMI, ADOL'F PETROVICH
Career of the Leninist revolutionary ("Pages of the past." A. Taimi. Reviewed by B. Krotkov). Mol. kommun. 14 no. 8:122-123 Ag '56.

TAIMYR PENINSULA—BIRDS
Changes in the ornithological fauna of the northern Taimyr. V. M. Sdobnikov. Priroda 45 no. 9:109-110 S '56.

TAITS, IA.
For children and adults ("Stories and tales." IA. Taits. Reviewed by IUrii IAkovlev). Novyi mir 32 no. 8: 258-259 Ag '56.

TAJIK DEPRESSION—GEOLOGY, STRUCTURAL
Conditions of the structural formation of the Tajik Depression. S. A. Zakharov. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:3-13 '55.
Relation between the Tajik Depression and the Gissar Range. S. A. Zakharov. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:15-20 '55.

TAJIK LANGUAGE—DIALECTS
Darvaza dialects of the Tajik language. A. Z. Rozenfel'd. Trudy Inst. laz. 6:100-272 '56.
Materials on the Pendzhikent dialect of the Tajik language. S. IU. Ivanova. Trudy Inst. laz. 6:281-342 '56.
Pamir-Tajik linguistic relations. A. Z. Rozenfel'd. Trudy Inst. laz. 6:273-280 '56.
Rog dialects of the Tajik language. IU. I. Bogoraz. Trudy Inst. laz. 6:133-195 '56.
Vanch dialects. A. Z. Rozenfel'd. Dokl. AN Tadzh. SSR no. 5:49-53 '52.

TAJIK LANGUAGE—LEXICOGRAPHY
History of Tajik lexicography. V. A. Kapranov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 9:95-103 '56.

TAJIK LANGUAGE—PARTICIPLES
Tajik participial determinant phrases of the type "Kitobi man khondagi." D. T. Tadzhiev. Dokl. AN Tadzh. SSR no. 5:45-48 '52.

TAJIK LANGUAGE—SUFFIXES AND PREFIXES
Use of the postpositive pa(i) in the works by classic Tajik and Persian authors (11th-15th centuries). I. K. Ovchinnikova. Trudy Inst. laz. 6:392-408 '56.

TAJIK LANGUAGE—VERB
Voices of the Tajik verb. A. Z. Rozenfel'd. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 8:105-120 '56.

TAJIK LANGUAGE—WORD FORMATION

Compound words in the modern Tajik literary language. M. Tursunov. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 9:73-84 '56.

TAJIKISTAN—ALFALFA

Some wild species of alfalfa in Tajikistan. N. G. Popov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:179-182 '56.

TAJIKISTAN—ALGAE

Algae of Sierozem soils in southern Tajikistan. V. V. Mel'nikova. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:131-141 '55.

TAJIKISTAN—ALKALI LANDS

Solonchaks of Southern Tajikistan and the possibility of their evolution towards solonets during desalinization. O. A. Grabovskaia. Dokl. AN Tadzh. SSR no. 1:19-22 '56.

TAJIKISTAN—ALPINE FLORA

Studying the flora of Alpine lakes. G. T. Sidorenko. Dokl. AN Tadzh. SSR no. 1:35-38 '56.

TAJIKISTAN—AQUATIC PLANTS

Studying the flora of Alpine lakes. G. T. Sidorenko. Dokl. AN Tadzh. SSR no. 1:35-38 '56.

TAJIKISTAN—BATS

Bats of Tajikistan. O. P. Bogdanov. Dokl. AN Tadzh. SSR no. 15:69-75 '56.

TAJIKISTAN—CALCULI, URINARY

Spreading of endemic bladder stone disease in Tajikistan. Z. Kh. Ikramov. Dokl. AN Tadzh. SSR no. 15:83-86 '56.

TAJIKISTAN—CATTLE

Fattening and meat qualities of Swiss-zebu-like crossbreeds of Tajikistan. N. G. Stepanova. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:77-92 '56.

TAJIKISTAN—CHEMISTRY

Emergence, main tasks and development of chemistry in Tajikistan. V. I. Nikitin. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:43-56 '55.

TAJIKISTAN—COLLECTIVE FARMS

Diversified collective farm in Tajikistan. M. M. Cherkasskii. Nauka i pered. op. v sel'khoz. no. 8:74-75 Ag '56.

TAJIKISTAN—COTTON GROWING

Stotskii, V. N. [In Vakhsh Valley; the high cotton yields and the growth of the economy of the N. S. Khrushchov Collective Farm, Kurgan-Tyubinsk district, Tajikistan] V doline Vakhsha; vysokii urozhai khlopka i razvitie ekonomiki kolkhoza imeni N. S. Khrushcheva, Kurgan-Tiubinskogo raiona Tadzhikistana. Stalinabad, Tadzhikgosizdat, 1955. 47 p. (Opyt uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki)

Stotskii, V. N. [New progressive methods of cotton cultivation and the development of collective farm economy in southern Tajikistan] Novyo progressivnyo priemy vozdelyvaniia khlopchatnika i razvitie ekonomiki kolkhozov IUzhnogo Tadzhikistana. Pod red. P. S. Obnosova. Stalinabad, Tadzhigosizdat, 1956. 117 p. (DA)

TAJIKISTAN—CRANE FLIES

Crane flies (Diptera, Tipulidae) of Tajikistan. E. P. Luppova. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:153-158 '56.

TAJIKISTAN—DRAINAGE

Will the drying of cotton plantations result in lowering the water-bearing level from the stratum of fine soil to gravel? I. K. Poletaev. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:93-96 '52.

TAJIKISTAN—EURYGASTERS

Ecology of the shield bug Eurygaster integricops in Tajikistan. E. P. Luppova. Trudy AN Tadzh. SSR 5: 23-41 '52.

TAJIKISTAN—EVERGREENS

Conifers in Tajikistan and their role in landscaping settled areas. A. S. Korolova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:83-94 '55.

TAJIKISTAN—EYE—DISEASES AND DEFECTS

On the problem of ophtalmomyiasis caused by the larvae of nose flies in Tajikistan. M. IA. Bobokhodzhaeva. Trudy AN Tadzh. SSR 40:147-151 '55.

TAJIKISTAN—FLEAS

Fleas of Tajikistan. I. G. Ioff, E. F. Sosnina. Trudy AN Tadzh. SSR 5:87-90 '52.

TAJIKISTAN—FRUIT CULTURE

Tillage in the orchards of the Tajik S.S.R. I. P. Shervarli. Sad i og. no. 9:38-40 S '56.

TAJIKISTAN—GLAUCOMA

Glaucoma in Tajikistan. IU. N. Rybal'skaia. Trudy AN Tadzh. SSR 40:111-114 '55.

TAJIKISTAN—GRASSES

New species of rice grass from Tajikistan. P. N. Ovchinnikov, A. P. Chukavina. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:57-58 '55.

TAJIKISTAN—HEMOSPORIDIA

Hemosporidiosis of cattle and horses in Tajikistan. B. V. Lototskii, M. P. Strotenko. Trudy AN Tadzh. SSR 5:119-141 '52.

TAJIKISTAN—INSECTS, INJURIOUS AND BENEFICIAL

Materials on the study of vegetable and vine crop pests of Tajikistan. V. N. Vinogradova. Trudy AN Tadzh. SSR 5:57-65 '52.

TAJIKISTAN—IRRIGATION

Urgent problems in the improvement of irrigated lands in Tajikistan. A. A. Akhmedov. Gidr. i mel. 8 no. 10:10-26 O '56.

TAJIKISTAN—MAGPIES

Some new data on magpies in Tajikistan. K. R. Akhmedov. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:83-84 '52.

TAJIKISTAN—MINERALOGY

Mineralogical characteristics of Neocene formations in the southern Tajikistan depression. S. IUsupova, V. D. Bosov. Dokl. AN Tadzh. SSR no. 5:3-7 '52.

TAJIKISTAN—MITES

Feather mites parasitic on birds wintering in southern Tajikistan. V. B. Dubinin, E. F. Sosnina. Trudy AN Tadzh. SSR 5:97-108 '52.

TAJIKISTAN—MOSQUITOES

Ecology of the adult stage of the most important malaria carriers in Tajikistan. E. P. Luppova. Trudy AN Tadzh. SSR 5:77-86 '52.

TAJIKISTAN—MOTHS

New geometrid moths of the genus Euphtheela Curt. (Lepidoptera, Geometridae) from Tajikistan. IU. L. Shchetkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:139-150 '56.

TAJIKISTAN—MYIASIS

Myiasis of bees in Tajikistan. V. I. Sycheveskaia. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:159-165 '56.

TAJIKISTAN—ONCOLOGY

First republic oncological conference in the Tajik S. S. R. A. V. Chaklin. Vop. onk. 2 no. 3:377-379 '56.

TAJIKISTAN—PASTURES AND MEADOWS

Materials on the efficient utilization of perennial seasonal pastures of Southern Tajikistan. O. I. Morozova. Trudy AN Tadz. SSR 3:115-137 '52.

Problem of improving natural pastures of Tajikistan. B. V. Lototskii and others. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:115-122 '56.

Station research results on the development of elements of pasture rotation in spring pastures of southern Tajikistan. L. P. Sin'kovskii. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:105-122 '55.

TAJIKISTAN—PLANT LICE

Biology of pistachio aphids and their forms with incomplete metamorphosis in Tajikistan. M. N. Narzikulov. Trudy AN Tadzh. SSR 5:67-75 '52.

Data on the morphology and biology of certain dendrophilous plant lice of Tajikistan. M. N. Narzikulov. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:109-117 '55.

The genus Yezabura Mats. among the plant lice fauna of Tajikistan. M. N. Narzikulov. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:117-130 '55.

TAJIKISTAN—PLANTS—TRANSPIRATION

Matveev, M. I. [Water cycle of some arborescent plants in the mountainous part of Tajikistan (Vodnyi rezhim nekotorykh drevesnykh rastenii gornogo Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1953. 81 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad, Trudy, vol. 10)

TAJIKISTAN—PLOWING

Experiments with deep subsoiling in Tajikistan. IA. Naglbin, A. Ponomarenko, D. Gerami. Khlopkovodstvo 6 no. 8:19-23 Ag '56.

TAJIKISTAN—Q FEVER

Natural reservoir of Q fever and possibilities of studying it in Tajikistan. Sh. M. Ostrovskaia and others. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:101-107 '55.

TAJIKISTAN—RAPE (PLANT)

Biology of winter rape in Tajikistan. IU. I. Demin. Izv. Otd. est. nauk AN Tadzh. SSR no. 11:89-99 '55.

TAJIKISTAN—RIVERS

Brief description of rivers and types of water diversion installations of Tajikistan. A. U. Umarov. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:47-56 '55.

TAJIKISTAN—ROACH (FISH)

Morphology and biology of the roach in the Farkhad reservoir. V. A. Maksunov. Dokl. AN Tadzh. SSR no. 15:63-68 '56.

TAJIKISTAN—RODENTIA

Ecology and injurious activity of red-tailed gerbils in Tajikistan. O. S. Davydov, L. P. Sin'kovskii. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:69-75 '52.

TAJIKISTAN—SIEROZEM SOILS

Algae of Sierozem soils in southern Tajikistan. V. V. Mel'nikova. Izv. Otd. est. nauk AN Tadzh. SSR no. 9:131-141 '55.

TAJIKISTAN—SOIL MICRO-ORGANISMS

Study of rock algae of central and southern Tajikistan. V. V. Mel'nikova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:95-100 '55.

TAJIKISTAN—SOIL MOISTURE

Will the drying of cotton plantations result in lowering the water-bearing level from the stratum of fine soil to gravel? I. K. Poletaev. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:93-96 '52.

TAJIKISTAN—SORGHUM

Hybrid of sorghum halepense on arable lands in piedmont areas. A. P. Saverkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:51-55 '52.

TAJIKISTAN—SUGAR CANE—DISEASES AND PESTS

Moths injurious to sugar cane in Tajikistan. IU. L. Shchetkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:85-87 '52.

TAJIKISTAN—TICKS AS CARRIERS OF DISEASE

The role of small mammals inhabiting pastures and farms in the development and distribution of tick vectors of hemosporidiosis in farm animals in Tajikistan. E. F. Sosnina. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:105-114 '56.

TAJIKISTAN—UZBEKS

"The Lokai group of Uzbeks in Southern Tajikistan." B. Kh. Karmysheva. Reviewed by IA. R. Vinnikov. Sov. etn. no. 2:182-184 '56.

TAJIKISTAN—WEEVILS

Nodule weevils of the genus Sitona Germ. in the fauna of Tajikistan. L. V. Arnol'di. Trudy AN Tadzh. SSR 5:43-55 '52.

TAJIKISTAN—WOLLASTONITE

Wollastonite rocks in Northern Tajikistan and the possibilities for their practical utilization. M. Z. Kantor. Dokl. AN Tadzh. SSR no. 15:19-24 '56.

TAJIKISTAN—WOOLLY APPLE APHID

Ecology and the woolly apple aphid and measures for its control in Tajikistan. M. N. Narzikulov. Trudy AN Tadzh. SSR 5:5-22 '52.

TALAS VALLEY—PRECIPITATION (METEOROLOGY)

Orography and precipitation in the Talas Valley. V. A. Bugaev, M. A. Petrosiants. Meteor. i gidrol. no. 7: 19-22 Jl '56.

TALAS VALLEY—TOMBS

The dating and interpretation of the Kenkol tomb. S. S. Sorokin. Krat. soob. IIMK no. 64:3-14 '56.

TALLINN—FURNITURE INDUSTRY

Mechanization of minor operations for cold gluing of shaped parts. A. G. Makar'eva, R. V. Skul'skaia. Der. prom. 5 no. 8:21 Ag '56.

TALLINN—OPERA

"Nikita Vershinin." Teatr 17 no. 9:156 S '56.

TALLINN—RED CROSS

Active group. A. Raamat. Sov. kras. krest 6 no. 4:10 Jl-Ag '56.

TALOVAYA DISTRICT—CORN (MAIZE)

Corn growing in the area served by the Talovaya Machine-Tractor Station. I. K. Anan'ev. Kukuruza 1 no. 3:23-26 Je '56.

TAMARISK—DISEASES AND PESTS

Plant lice (Homoptera, Aphidoidea) harmful to Tamarix. O. I. Ivanovskaia. Ent. oboz. 35 no. 2:371-376 '56.

TANK TRUCKS see subdivision under Andizhan

TANK VESSELS

(see also subdivision under United States)

Design of a tanker with a carrying capacity of 25000 tons. N. Mal'tsev. Mor. flot 16 no. 8:16-19 Ag '56.

Drinkov, V. D. [The hulls of inland waters oil tankers] Korpusa neftenalivnykh sudov vnutrennego plavaniia. Moskva, Izd-vo "Rechnoi transport," 1956. 233 p.

New tankers (from foreign journals). Sudostroenie 22 no. 8:39-40 Ag '56.

TANKS

Device for removing "stagnant residues" from tanks. K. V. Kostrin. Neftianik 1 no. 4:31-32 Ap '56.

"Erecting vertical steel storage tanks." V. S. Kornienko. Reviewed by K. S. Fetisov. Nov. tekh. i pered. op. v stroi. 18 no. 8:31-32 Ag '56.

Precast reinforced concrete clarifying tanks. A. V. Nakhoroshev. Biul. stroi. tekh. 13 no. 8:22-25 Ag '56.

Thermal conditions of a gas space in a gasoline storage tank. I. A. Charnyi, V. I. Chernikin. Trudy MNI no. 17:169-178 '56.

Vacuum apparatus for cleaning tanks. A. M. Smotrakov. Neft. khoz. 34 no. 8:68-72 Ag '56.

TANKS (Continued)

Variations of the geometric form of vertical cylindrical tanks. K. K. Ponomarev. Azerb. neft. khoz. 35 no. 8: 45-48 Ag '56.

Vertical cylindrical tanks with spherocylindrical roofs. E. N. Lessig, M. I. Ashkinazi. Stroi. pred. neft. prom. 1 no. 7: 3-5 S '56.

TANKS—WELDING

Technology of automatic lap-welding with flux of 2.5-6 mm. thick sheets. A. G. Mazel', N. A. Sluchanko. Stroi. pred. neft. prom. 1 no. 7: 6-8 S '56.

Vacuum method for testing welded joints of tanks. B. V. Popovskii. Stroi. pred. neft. prom. 1 no. 7: 6-8 S '56.

TANKS (MILITARY SCIENCE)

Drivers of steel fortresses. P. Zakharchuk. Ukraina no. 17: 12 S '56.

TANNING

Effect of relaxation in chrome leather on its useful properties. N. I. Egorkin. Leg. prom. 16 no. 7: 23-25 Jl '56.

Effect of tannides and nontannides (extracted by water) on the quality of vegetable-tanned leather and the importance of methods used in their determination. A. V. Pogosian. Dokl. AN Arm. SSR 10 no. 4: 161-166 '49.

New methods for tanning. IU. Khokhlov. Prom. koop. no. 8: 17 Ag '56.

TANNING MATERIALS

Analysis and calculation of the consumption of sugar containing materials for the reduction of chrome liquor. F. B. Blanshei. Leg. prom. 16 no. 7: 33-34 Jl '56.

TANNINS

Result of clinical use of a Soviet vitamin preparation from tea tannin. V. G. Smagin, D. I. Sinapol, V. V. Chechilova. Klin. med. 34 no. 6: 52-57 Je '56.

TANTALUM CARBIDES

Homogeneity limits and relation of thermodynamic and certain other properties of the tantalum carbide phases to their composition and structure. V. I. Smirnova, B. F. Ormont. Zhur. fiz. khim. 30 no. 6: 1327-1342 Je '56.

TANTALUM-NICKEL ALLOYS see Nickel-tantalum alloys

TANTALUM SULFATES

Double tantalum ammonium sulfates. IA. G. Goroshchenko. Zhur. neorg. khim. 1 no. 5: 915-920 My '56.

TAPEWORMS

(see also subdivision under Armenia)

Calcium arsenate in the monieziasis of lambs. M. N. Akramovskii, IU. G. Egorov, E. V. Bashkirtseva. Ovtsevodstvo no. 8: 46 Ag '56.

Case of combined invasion by the rat and dwarf tapeworm. I. IU. Geller. Med. paraz. i paraz. bol. 25 no. 3: 269 Jl-S '56.

Effectiveness of treating taeniasis. N. T. Koniashkin. Fel'd. i akush. 21 no. 8: 50 Ag '56.

Method for determining the vitality of dwarf tapeworm eggs. A. I. Gushchina. Lab. delo 2 no. 3: 16-17 My-Je '56.

Problem of the elimination of taeniarhynchiasis in the U. S. S. R. I. V. Orlov. Med. paraz. i paraz. bol. 25 no. 3: 219-222 Jl-S '56.

Superparasitism of the metacercaria of Tetracotyle variegata (Creplin) in Ligulidae [with English summary in insert]. M. N. Dubinina. Zool. zhur. 35 no. 8: 1139-1145 Ag '56.

Testing lead arsenite for the treatment of monieziosis in sheep. B. L. Garkavi. Veterinariia 33 no. 9: 41-42 S '56.

Treatment of diphyllobothriasis. T. S. Shellapina. Sov. med. 20 no. 8: 75-77 Ag '56.

TAR

Hydrofining distillates of tar and the products of thermal dissolution of Estonian shales. M. K. D'iakova and others. Khim. i tekh. topl. no. 9: 44-51 S '56.

New continuous tar distilling installation. D. Z. Koks i khim. no. 6: 63 '56.

TAR—ANALYSIS

Investigating the settling process of foots in tar in connection with steam injection. I. L. Liplavk, T. P. Varshavskii, N. Kh. Cherkasov. Koks i khim. no. 6: 37-42 '56.

TARA DISTRICT—RECLAMATION OF LAND

Reclamation of swampy lands. I. P. Gorbachev. Zemledelie 4 no. 9: 107-109 S '56.

TAREEV, BORIS MIKHAILOVICH, 1906-

Professor B. M. Tareev. N. V. Aleksandrov and others. Elektrichestvo no. 8: 94 Ag '56.

TARGET PRACTICE

Moving mechanisms for shooting ranges. I. Ivanov. Voen. vest. 36 no. 9: 68-71 S '56.

TARIFF see subdivision under Great Britain

TARTU UNIVERSITY

K. F. Gauss and the Derpt-Yuryev University. I. IA. Depman. Vop. ist. est. i tekh. no. 1: 241-245 '56.

TASHKENT—BOTANICAL GARDENS

Rusanov, F. N. [Trees and shrubs of the botanical garden of the Uzbek Academy of Sciences] Derev'ia i kustarniki botanicheskogo sada Akademii nauk Uzbekskoi SSR. Tashkent, izd-vo Akademii nauk UzSSR.
Pt. 1. [North American trees and shrubs] Severoamerikanskie derev'ia i kustarniki. 1955. 95 p.

TASHKENT—LANDSCAPE GARDENING

Remiskevich, I. T. [Landscaping the city of Tashkent] Ozelenenie goroda Tashkenta. Tashkent, Gos. izd-vo UzSSR, 1955. 178 p.

TASHKENT—LEATHER, ARTIFICIAL

Leather from cotton. N. Riadov. Sots. Uz. 15 no. 7: 3 Jl '56.

TASHKENT—MILITARY EDUCATION

Mass organization of workers. V. Sokhatskii. Sots. Uz. 15 no. 7: 17 Jl '56.

TASHKENT—TEXTILE MACHINERY

Levenson, L. I. [The experience of innovators in the "Tashtekstil'mash" plant] Opyt novatorov zavoda "Tashtekstil'mash." Tashkent, Gos. izd-vo Uzbek. SSR, 1954. 28 p.

TASHKENT—THEATER

Tashkent. Teatr 17 no. 9: 153-154 S '56.

TASHKENT PROVINCE—MACHINE-TRACTOR STATIONS

Consolidation of tractor groups. A. Ibragimov. Khlopkovodstvo 6 no. 8: 44-47 Ag '56.

TATAR A. S. S. R.—ARGILLITE

Characteristics of Kynov argillites from the Tatar ASSR and adjacent regions. V. N. Loginova. Dokl. AN SSSR 109 no. 2: 377-380 Jl '56.

TATAR A. S. S. R.—MYRIAPODA

Myriapods of the Tatar A. S. S. R. [with English summary in insert]. M. M. Ateinikova, T. E. Izotova. Zool. zhur. 35 no. 6: 843-846 Je '56.

TATAR A. S. S. R.—PETROLEUM ENGINEERING

Data on hydraulic fracturing of sands in the Tatar A. S. S. R. Z. TS. Gitlin. Neft. khoz. 34 no. 7: 26-29 Jl '56.

TATAR A. S. S. R.—REVOLUTION, 1917-1921

"From the history of foreign military intervention and civil war in Tartaria (1918-1920)." M. K. Mukhariamov. Reviewed by M. V. Rybakov. Vop. ist. no. 7: 157-160 Jl '56.

TATAR A. S. S. R.—SWINE

Rotermel', Z. A. [Work practice of the pig tender Anna Ivanovna Mikheeva; "Put' Lenina" collective farm of Vysokogorskii district, Tatar Republic] Opyt raboty svinarki Anny Ivanovny Mikheevoi; kolkhoz "Put' Lenina" Vysokogorskogo raiona TASSR. Kazan', Tatknigoizdat, 1956. 14 p.
(DA)

TATAR LANGUAGE—GRAMMAR

"Enmuzedzh," Tatar grammar by Kalum Nasyrov. V. N. Khangil'din. Vop. laz. 5 no. 4: 89-103 Jl-Ag '56.

TATISHCHEV, VASILII NIKITICH, 1686-1750

V. N. Tatishchev and Russian ethnography. N. N. Stepanov. Trudy inst. etn. 30 no. 1: 71-84 '56.

TATRA—PHYSICAL GEOGRAPHY

High Tatra. Stanislav Chabera. Priroda 45 no. 9: 92-93 S '56.

TAXATION see subdivision under Czechoslovakia; Turkey

TAXATION, MOHAMMEDAN see subdivision under Mesopotamia

TAXICABS

The operating characteristics of the TA-49 taximeter. V. Berezkin, I. Pilitman. Avt. transp. 34 no. 7: 20-21 Jl '56.

Some problems in the technical operation of taxicabs. D. Dneprov, V. Mizinov, P. Krisanfov. Avt. transp. 34 no. 8: 10-11 Ag '56.

TAXICABS—REPAIRING

Introducing the mechanical unit method of repairing M-20 taxicabs. A. Zagorskii. Avt. transp. 34 no. 8: 11-12 Ag '56.

TAXIDERMY

Stuffing birds and small mammals. A. A. Pentegova. Est. v shkole no. 5: 81-82 S-O '56.

TAYEN COUNTY, CHINA—METALLURGICAL PLANTS

New metallurgical center. Kitai no. 7: 14-15 Jl '56.

TBILISI see Tiflis

TEA

(see also subdivision under Asia, Central; Kazakhstan; Kirghizistan; Uzbekistan)

Geobotanical and soil characteristics of regions of experimental tea cultivation in Central Asia. G. V. Mikeshin. Trudy Glav. bot. sada 5: 71-78 '56.

Geomorphological characteristics of plots of experimental tea plantations in the Tien Shan. V. N. Oltunin. Trudy Glav. bot. sada 5: 11-24 '56.

Outline of climatic conditions in regions of experimental tea cultivation in Central Asia. A. P. Gal'tsov, V. M. Zhukov. Trudy Glav. bot. sada 5: 25-70 '56.

Result of clinical use of a Soviet vitamin preparation from tea tannin. V. G. Smagin, D. I. Sinepol, V. V. Chechilova. Klin. med. 34 no. 6: 52-57 Je '56.

Some economic geography prerequisites for the development of tea growing in the regions of Central Asia and Kazakhstan. D. A. Golovkin. Trudy Glav. bot. sada 5: 139-151 '56.

Winter hardiness of the tea plant. V. A. Evataf'eva. Agrobiologiia no. 4: 56-61 Jl-Ag '56.

TEA—DISEASES AND PESTS

Controlling the tea moth (Parametriotes theae Kusn.) P. I. Mitrofanov. Zashch. rast. ot vred. i bol. 1 no. 2: 54-55 My-Je '56.

Development of insect fauna injurious to tea plants in the U. S. S. R. [with summary in English]. L. P. Kalandadze. Ent. oboz. 35 no. 3: 637-647 '56.

TEACHERS

Decree of the Presidium of the Supreme Soviet of the R. S. F. S. R. "On establishing the honorary titles of Honored Master of Vocational-Technical Education of the R. S. F. S. R., and Honored Teacher of Vocational-Technical Education of the R. S. F. S. R." Prof.-tekh. obr. 13 no. 7: 1 Jl '56.

TEACHERS, TRAINING OF see subdivision under Moscow

TEACHING

Against dogmatism in pedagogy; a teacher's notes. E. Voronin. Na rub. 17 no. 4: 141-146 Jl-Ag '56.

The individual approach to students in school instruction and training. A. M. Kolesova. Sov. pedag. 20 no. 10: 24-35 O '56.

Make full use of the lesson time. A. M. Kirichenko. Sred. spets. obr. no. 9: 18-21 S '56.

Some aspects of shaping group opinion among students. A. N. Antipin. Sov. pedag. 20 no. 10: 44-51 O '56.

Teaching methods in the Soviet school. M. A. Danilov. Sov. pedag. 20 no. 10: 87-101 O '56.

TEACHING—AIDS AND DEVICES

"One hundred visual aids and devices for geography." A. D. Sysoev. Reviewed by F. Novomar'evskii. Geog. v shkole 19 no. 4: 73-74 Jl-Ag '56.

TEACHING—CONGRESSES see subdivision under Ulan-Ude

TECHNICAL EDUCATION

(see also subdivision under Adyge Autonomous Province; China; Germany, East; Ivanovo; Kiev; Kramatorsk; Leningrad; Sverdlovsk Province; Tula; Ukraine)

At the August pedagogical conferences. Prof.-tekh. obr. 13 no. 9: 5-6 S '56.

August pedagogical conferences. G. Zelenko. Prof.-tekh. obr. 13 no. 7: 2-7 Jl '56.

Communications. Prof.-tekh. obr. 13 no. 9: 32-33 S '56.

Communists take the lead in training students. K. Barannikov. Prof.-tekh. obr. 13 no. 9: 23-24 S '56.

Developing a feeling for new experience in the teaching process. IA. L. Portnov. Sred. spets. obr. no. 9: 13-16 S '56.

Developing polytechnical education in public schools. Mat. v shkole no. 5: 1-4 S-O '56.

Equipping a laboratory with the resources of a department. V. V. Babkov, I. I. Vaitsenfel'd, I. V. Agaev. Vest. vys. shkoly 14 no. 9: 40-41 S '56.

For a growth in cooperation in the training of engineers. N. L. Spektor. Sred. spets. obr. no. 9: 50-51 S '56.

Formation of motor habits in the process of technical education. K. S. Tochilov. Vest. Len. un. 11 no. 15: 128-135 '56.

Improve the training of specialists for the coke chemical industry. S. M. Medvedev. Koks i khim. no. 6: 55-57 '56.

Information. Prof.-tekh. obr. 13 no. 7: 32 Jl '56.

Information. Prof.-tekh. obr. 13 no. 8: 32-33 Ag '56.

More independent work. M. Shmykov. Prof.-tekh. obr. 13 no. 9: 22 S '56.

Organizing the work of a commission on specialized subjects. P. I. Stavskii. Sred. spets. obr. no. 9: 43-45 S '56.

Peshkin, L. S. [Youth pave the ways; Grigorii Pometun, his teachers and comrades] Molodye prokladyvaiut puti; Grigorii Pometun, ego uchitelia i tovarishchi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 95 p.

Potentialities for improving the training of young workers. S. Kuznetsov. Prof.-tekh. obr. 13 no. 7: 8-9 Jl '56.

TECHNICAL EDUCATION (Continued)

Priority tasks in the new academic year. Sred. spets. obr. no. 9:3-6 S '56.

Receiving students' work. I. Noskov. Prof.-tekh. obr. 13 no. 9:16 S '56.

A school's technical museum. B. Konstantinov. Nar. obr. no. 9:51-52 S '56.

Skillful popularization of the achievements of innovators. M. Chugreeva. Sots. trud. no. 8:88-90 Ag '56.

Special workers for the industry of the East. T. Staver. Prof. tekh. obr. 13 no. 7:10-11 Jl '56.

Still a word on the quality of lessons. S. Sonichev. Prof.-tekh. obr. 13 no. 8:11-13 Ag '56.

Tasks of psychology in the field of practical science instruction. M. N. Skatkin. Vop. psikhol. 2 no. 4:3-11 Jl-Ag '56.

Training dispatchers. S. Bychkov. Avt. transp. 34 no. 8:24 Ag '56.

Training teachers of drawing, mechanical drawing, and manual training for technical schools. A. V. Khlestov. Sov. pedag. 20 no. 10:109-117 O '56.

Training young students in work habits. Oleksandr Teslia. Dnipro 30 no. 9:112-116 S '56.

Urgent tasks of training technicians. N. Gribovskaia. Avt. transp. 34 no. 7:31-32 Jl '56.

Use all means to improve work in methods. I. Nakhutin. Prof.-tekh. obr. 13 no. 9:13-15 S '56.

Winners in the all-Union socialist competition for industrial schools and schools of labor reserves. Prof.-tekh. obr. 13 no. 8:10 Ag '56.

TECHNICAL EDUCATION—DIRECTORIES
(see also subdivision under Moscow Province)

Russia (1917- RSFSR) Ministerstvo prosveshchenila. [Where to acquire a specialty; a handbook for students finishing secondary schools, and entering technical, vocational, and other schools] Gde poluchit' spetsial'nost'; spravochnik dlia okonchivshikh srednie shkoly, postupaiushchikh v tekhnicheskie uchilishcha, profesional'no-tekhnicheskie i drugie postoianno deistvuiushchie shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 220 p.

TECHNICAL EDUCATION—TEXTBOOKS

How the plan for the publication of textbooks is being carried out. Sred. spets. obr. no. 9:60-64 S '56.

TECHNICAL JOURNALISM see Journalism, Technical

TECHNICAL LIBRARIES
(see also subdivision under Kostroma)

Conference of workers employed in technical libraries of the Ministry of the Chemical Industry. Khim. prom. no. 4:255 Je '56.

The promotion of technical literature. A. Kvacheva, K. Dornor. Prof.-tekh. obr. 13 no. 9:35-36 S '56.

TECHNICAL SOCIETIES

"Conference of the Department of Technical Sciences of the Academy of Sciences of the Ukrainian S. S. R." O. I. Kuiun. Prykl. mekh. 2 no. 2:231-232 '56.

TECHNOLOGY

Around the world. Znan. sila 31 no. 9:31 S '56.

We use visual aids. L. Rozina. Klub 6 no. 9:22-23 S '56.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—DICTIONARIES

Callaham, L. I. Russian-English technical and chemical dictionary. New York, John Wiley & Sons, Inc. [1956, 4th printing] 704 p.

Textile technology according to the "Brief polytechnical dictionary." R. G. Simonova. Tekst. prom. 16 no. 8: 67-68 Ag '56.

TECHNOLOGY—HISTORY
(see also subdivision under Czechoslovakia; Ukraine)

A Czechoslovak collection on the history of science and technology ("A collection of works on the history of the natural sciences and technology" [in Czech]. Reviewed by S. V. Shukhardin). Vop. ist. est. i tekh. no. 1:297-299 '56.

In the Institute of the History of Natural Sciences and Technology of the Academy of Sciences of the U. S. S. R. M. D. El'man. Vop. ist. est. i tekh. no. 1:323-324 '56.

TEETH

Teeth can grow a second time. Ukraina no. 19:32 O '56.

TELECOMMUNICATION
(see also subdivision under Rumania)

Communications workers serve the builders of the Krasnoyarsk Hydroelectric Power Station. G. N. Sharoglazov. Vest. sviazi 16 no. 8:19 Ag '56.

For more active work on the part of efficiency innovators and inventors in communications enterprises. Vest. sviazi 16 no. 8:1-2 Ag '56.

In the collegium of the Ministry of Communications of the U. S. S. R. Vest. sviazi 16 no. 8:17 Ag '56.

Piontkovskii, B. A. [Electric power supply installations for wire communication enterprises] Ustroistvo elektropitaiushchikh ustanovok predpriiatii provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 30 p. (Lektsii po tekhnike sviazi)

Put the means of communications to work for heavy industry. V. E. Barkov. Vest. sviazi 16 no. 8:18 Ag '56.

The question is one of inertness rather than space, Comrade Novikov. I. Reshetniak. Sots. trud. no. 8: 102-103 Ag 56.

Speed up and raise the quality in building communications installations. A. G. Seval'nev. Vest. sviazi 16 no. 8:14-15 Ag '56.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELECOMMUNICATION—CONGRESSES see subdivision under Moscow

TELEGRAPH

Increasing the reliability of telegraph communication operating with Baudot apparatus. V. M. Dmitriev. Vest. sviazi 16 no. 8:11 Ag '56.

Review of V. V. Novikov's book "The telegraph station supervisor." IU. A. Toporov. Vest. sviazi 16 no. 8:33 Ag '56.

TELEGRAPH, WIRELESS

Imitator of telegraph signals of the ISSh type. A. F. Shuvalov. Vest. sviazi 16 no. 8:5-6 Ag '56.

TELEMECHANICS

Purpose and tasks of the periodical. Avtomatyka no. 1: 3-4 '56.

TELEMETERING

Problems of time-pulse conversion. I. A. Zakharia, V. N. Mikhailovskii. Nauch. zap. IMA AN URSR Ser. avtom. i izm. tekh. 5:171-183 '55.

Spectral signal narrowing in telemetering radioactive radiation. V. N. Mikhailovskii, A. N. Svenson. Avtom. i telem. 17 no. 8:722-727 Ag '56.

TELEOSTEI

As it turns out to be. IUn. nat. nb. 6:29-31 S '56.

TELEPHONE

Telephone signal. N. F. Mechikov. Energetik 4 no. 9: 25 S '56.

TELEPHONE—ACCOUNTING see subdivision under Sverdlovsk Province

TELEPHONE—APPARATUS AND SUPPLIES

The "compandor" device in steel circuit compressing equipment of the VS-3 type. V. V. Shtager. Vest. sviazi 16 no. 8:3-5 Ag '56.

TELEPHONE—CURRENT SUPPLY

New system of buffer power supply for central telephone exchanges. B. A. Piontkovskii. Vest. sviazi 16 no. 8: 31-33 Ag '56.

TELEPHONE—TESTING

Device for testing connector units. Vest. sviazi 16 no. 8:31 Ag '56.

TELEPHONE, AUTOMATIC see subdivision under Latvia

TELEPHONE LINES

Transmission level indicator for VUS-12 stations. N. A. Grishko. Vest. sviazi 16 no. 8:10 Ag '56.

TELESCOPE

Adjusting the polar axis and setting the astrograph for continuous exposures of the polar sequence. Izv. Astrofiz. Inst. AN Kazakh SSR 1 no. 1/2:124-135 '55.

The D. D. Maksutov 500 mm. meniscus astrograph. D. A. Rozhkovskii. Izv. Astrofiz. Inst. AN Kazakh. SSR 1 no. 1/2:106-123 '55.

Sukhorukikh, V. S. [Microscopes and telescopes] Mikroskop i teleskop. Izd. 5-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 62 p. (Nauchno-populiarnaia biblioteka, no. 31)

TELEVISION

Interesting initiative. V. Ofitserov. Sots. kul't. 10 no. 9:17-18 S '56.

Klopov, A. IA. [Television engineering] Tekhnika televidenila. Moskva, Gos. energ. izd-vo, 1956. 78 p. (Massovaia radiobiblioteka, no. 247)

Motion pictures for television. Isk. kino no. 8:120-121 Ag '56.

New method of filming television images (From: "Wireless World" Mr. '56). Radio no. 8:57-58 Ag '56.

Television camera for observing atomic reactors (From: "Times" F '56). Radio no. 8:58 Ag '56.

TELEVISION—ANTENNAS see subdivision under Moscow

TELEVISION—APPARATUS AND SUPPLIES

Intermediate frequency amplifier for television video channel. IA. Efrussi. Radio no. 8:30-32 Ag '56.

Television epidiascope. Vest. sviazi 16 no. 8:31 Ag '56.

TELEVISION—PICTURE TUBES

Frequency characteristics of kinescopes. L. M. Sellakov. Radiotekh. i electron. 1 no. 4:525-534 Ap '56.

TELEVISION—RECEIVERS AND RECEPTION

Building the KVN-49 television set to receive the second television program. I. Malyshko, IU. Kursekov. Radio no. 8:49 Ag '56.

Improving reception of the second program on the KVN and Leningrad television sets. P. Osetrov. Radio no. 8:29 Ag '56.

New radio and television equipment. F. Tormazov. Radio no. 8:16-18 Ag '56.

Simple visual signal receiver. G. Sokolov. Radio no. 8: no. 8:27-29 Ag '56.

TELEVISION—TRANSMITTERS AND TRANSMISSION
(see also subdivision under Moscow)

Efficient output circuit for television transmitters. E. S. Glazman. Radiotekhnika 11 no. 7:3-13 Jl '56.

TELEVISION BROADCASTING
(see also subdivision under Kharkov)

Eliminate backwardness in the technology of radio and television broadcasting. K. Sergeichuk. Radio no. 8:1-3 Ag '56.

TELEVISION CAMERAS

Submarine television camera. Azerb. neft. khoz. 35 no. 2:7 F '56.

TELEVISION CIRCUITS

Television systems with static coincidence. B. B. Gurfinkel'. Radiotekh. i electron. 1 no. 4:478-495 Ap '56.

TELEVISION IN INDUSTRY see subdivision under Europe, Western

TELLURIUM—ELECTRIC PROPERTIES

Galvanomagnetic properties and hole conductivity of tellurium. S. S. Shalyt. Dokl. AN SSSR 109 no. 4:750-752 Ag '56.

TEMIR-TAU (KARAGANDA PROVINCE)—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Party organization in a large new project. N. Goncharov. Part. zhizn' no. 15:25-31 Ag '56.

TEMIR-TAU (KARAGANDA PROVINCE)—CONSTRUCTION INDUSTRY

Party organization in a large new project. N. Goncharov. Part. zhizn' no. 15:25-31 Ag '56.

TEMPERAMENT

Changeableness of temperament in children and adolescents. T. G. IAkusheva. Vop. psikhol. 2 no. 4:106-115 Jl-Ag '56.

Significance of types of higher nervous activity for understanding some postoperative complications in the surgical clinic. V. M. Shamov, L. IE. Konstantynova. Fiziol. zhur. [Ukr.] 2 no. 3:47-54 My-Je '56.

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of high and low temperature on the fermentation capacity of some species of yeast. D. F. Protsenko. Nauk. zap. Kiev. un. 7 no. 6:115-130 '48.

Effect of outer temperature on the reciprocal reactions of antagonistic muscles in frogs. I. A. Vetlukov. Nauk. zap. Kiev. un. 8 no. 7:273-279 '50 [1. e. '49].

Effect of temperature on the elastic properties of nerves. L. P. Katushin, R. G. Liudkovskaia, M. M. Mul'tanovskii. Biofizika 1 no. 5:405-411 '56.

Effect of temperature on the posttetanic intensification of the contraction of muscles. M. A. Gabbasova, I. G. Validov. Nauk. zap. Kiev. un. 8 no. 7:297-308 '50 [1. c. '49].

The "pessimal" character of the effect of high and low temperatures on the central nervous system. G. A. Nika, M. S. Kakhana. Uch. zap. Kish. un. 13:69-83 '54.

Pulmonary diseases of lambs in the Sal'sk Steppe zone. V. K. Parakin. Ovtsevodstvo no. 8:41-45 Ag '56.

Rate of development of Ascaris lumbricoides eggs at various temperatures. E. I. Gordon. Med. paraz. i paraz. bol. 25 no. 3:234-238 Jl-S '56.

TEMPERATURE, ANIMAL AND HUMAN see Body temperature

TEMPERATURE, LOW see Low temperature research

TEMPLES, BUDDHIST see subdivision under Korea, South

TENG HSIAO-P'ING, 1904-

People in the news. Nov. vrem. 14 no. 41:30-31 O '56.

TEN'GUSHEVO DISTRICT—INSURANCE, SOCIAL

In the village of Ten'gushevo. G. Galinina. Sots. obesp. 17 no. 8:18-19 Ag '56.

TENNESSEE—PAINTINGS—EXHIBITIONS

"Painting" in Tennessee. Nov. vrem. 14 no. 41:19 O '56.

TENNIS

Appreciable improvement. V. Kollegorskii. Sp. igry 2 no. 7:15 Jl '56.

Kollegorskii, V. V. [With racket in hand] S raketoi v ruke. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 37 p.

TENNIS (Continued)
On the tennis courts. V.Kuzmenko. Smena 33 no.15: 5 Ag '56.
Technique of the best players; filmstrips on tennis tactics. Sp.igry 2 no.7:24 Jl '56.
Youth is our hope. N.Tepliakova. Sp.igry 2 no.7: 19 Jl '56.
Youth shall win. K.Mass. Sp.igry 2 no.7:19-20 Jl '56.

TENTS
Tent with an awning-like extension. B.Paramonov. Okh.i okh.khoz. no.8:16 Ag '56.

TENURE OF LAND see Land tenure

TEREBYLA-RIKA HYDROELECTRIC POWER STATION
Some characteristics of design and construction of the Tereblya-Rika Hydroelectric Power Station. G.A. Vasilevskii. Gidr.stroi. 25 no.8:5-10 S '56.

TEREK KUMA DESERT—BOTANY
Some discoveries in the flora of the Terek Kuma sands [with summary in French]. I.V.Kamenetskaia. Biul. MOIP.Otd.biol. 61 no.3:73-78 My-Je '56.

TERENIN, ALEKSANDR NIKOLAEVICH, 1896-
Academician A.N.Terenin; on his 60th birthday. A.T. Vartanian. Zhur.nauch.i prikl.fot.i kin. 1 no.4: 310-312 Jl-Ag '56.

TERRAMYCIN
Intramuscular administration of biomycin and terramycin. N.I.Givental'. Antibiotiki 1 no.3:38-42 My-Je '56.
Statics and dynamics of the ion exchange of aureomycin and terramycin with hydrogen and sodium ions on cationites. G.V.Samsonov and others. Koll.zhur. 18 no.4:474-479 Jl-Ag '56.

TERRESTRIAL MAGNETISM see subdivision 'Magnetism, Terrestrial' under Arctic regions

TERRESTIAL REFRACTION see Refraction, Terrestial

TESLA, NIKOLA, 1856-1943
Great son of the Yugoslav people; on the centennial of the birth of Nikola Tesla. V.N.Glazanov. Elektrichestvo no.7:66-69 Jl '56.
The outstanding electrical engineer Nikola Tesla. B.N. Rzhonsnitskii. Vop.ist.est.i tekh. no.1:192-203 '56.
Outstanding scientist and inventor. Priroda 45 no.9:111 S '56.

TEST PAPERS, CHEMICAL see Indicators and test papers

TESTICLE
Changes in the pituitary and in the sex glands in goiter cases in Bucovina. A.A.Dikshtein. Probl.endok.i gorm 2 no.1:32-34 Ja-F '56.
Physiological changes in the system caused by X-irradiation of the gonads. L.A.Kashchenko, A.D.Pushnitsyna. Vest.rent.i rad. 31 no.4:3-11 Jl-Ag '56.

TESTICLE—TUMORS
Experience in treating seminoma of the testes and its metastases with sarcolysin [with summary in English]. L.I.Cheboiareva. Vop.onk. 2 no.3:323-328 '56.
Liomyoadenoma of the epididymis. K.A.Voroshilova. Vop.onk. 2 no.3:365-366 '56.

TESTOSTERONE
Microscopic picture of wound exudate following castration and sex hormone injection. A.I.Bukhonova. Probl.endok.i gorm. 2 no.3:81-87 My-Je '56.
Use of testosterone propionate in stenocardia. A.M.Agaletskaia, B.A.Vartapetov. Probl.endok.i gorm. 2 no. 2:109-113 Mr-Ap '56.

TETANUS
Effect of electrolytes on the rhythm of heart contractions and tetanus. A.I.IEmchenko. Nauk.zap.Kiev.un. 8 no.3:55-70 '48.
Therapy of experimental tetanus with tetanus anatoxin. L.L.Aver'ianova. Zhur.mikrobiol., epid.i immun. 27 no.8:87-91 Ag '56.

TETANUS—PREVENTIVE INOCULATION
Effect of total body irradiation with X-rays on the action of antitetanus serum. G.N.Kryzhanovskii, N.N.Lebedev. Med.rad. 1 no.3:59-62 My-Je '56

TETRACYCLINE
Comparative study of morphological changes induced in white mice by tetracyclines. S.M.Kharitonova. Antibiotiki 1 no.3:33-38 My-Je '56.
Dynamics of the binding of tetracyclines by the liver. G.IA.Kivman. Antibiotiki 1 no.3:42-46 My-Je '56.
Tetracycline, the new antibiotic. S.N.Eidel'shtein. Nauka i zhizn' 23 no.9:3 S '56.

TETROLIC ACID
Research in the field of quaternary ammonium compounds Part 2. Formation of tetrolic acid in the reaction of trimethyl-(2,2,3,3-tetrachlorobutyl)-ammonium iodide with alkali hydroxide. A.T.Babaian, A.A.Grigorian. Zhur.ob.khim. 26 no.7:1945-1948 Jl '56.

TETTIGONIIDAE see subdivision under Asia

TEXTILE FABRICS
Defense of a doctoral dissertation. Sov.torg. no.8:43 Ag '56.
Popov, L.P. [A knowledge of materials] Materialovedenie. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 159 p.

TEXTILE FABRICS, SYNTHETIC
Structure of polyamide copolymers and fusions N.V. Mikhailov, V.O.Kiesman. Koll.zhur. 18 no.4:456-460 Jl-Ag '56.

TEXTILE FIBERS, SYNTHETIC
Physical and chemical properties of synthetic fibers. A.A.Konkin, G.I.Kudriavtsev. Tekst.prom. 16 no. 8:9-14 Ag '56.
Physicomechanical properties of "chlorin"-capron equipment. V.T.Mesiachenko, E.N.Mikhailova. Ryb.khoz. 32 no.8:10-13 Ag '56.
Present problems of synthetic fibers. A.B.Pakshver. Priroda 45 no.9:57-60 S '56.

TEXTILE FINISHING
Finishing locknit fabrics on a tentering frame. A.P. Mikhailova. Leg.prom. 16 no.7:36-39 Jl '56.
New developments in finishing cotton and staple fabrics. B.A.IAkimychev. Tekst.prom. 16 no.8:54-55 Ag '56

TEXTILE INDUSTRY
(see also subdivision under Kalinin; Poland; Pskov; Pyongyang, Korea; Tiflis; United States)
Development of the raw material branches of the industry during the sixth five-year plan. Tekst.prom. 16 no. 8:1-3 Ag '56.

TEXTILE INDUSTRY—ABSTRACTS
Abstracts. Tekst.prom. 16 no.8:70-71 Ag '56.

TEXTILE INDUSTRY—ACCOUNTING
Simplifying records for finished warps. N.Drozdov. Bukhg.uchet 16 no.8:34-35 Ag '56.

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—HISTORY
Materials concerning the state of the Russian cloth industry in 1845. V.K.IAtsunskii. Ist.arkh. no.4:82-126 Jl-Ag '56.

TEXTILE INDUSTRY—TERMINOLOGY
Textile technology according to the "Brief polytechnical dictionary." R.G.Simonova. Tekst.prom. 16 no.8: 67-68 Ag '56.

TEXTILE MACHINERY
(see also subdivision under Tashkent)
Device for the smooth starting of roving machines. N.M. Kornev. Tekst.prom. 16 no.8:52-53 Ag '56.
Eremeev, B.M. [Machine performance has been doubled] Proizvoditel'nost' mashin udvoena. [Moskva, Moskovskii rabochii, 1956. 45 p. (Opyt novatorov moskovskikh predpriiatii)
Modernized fulling mill in the fulling industry. Sh.Khairov. Prom.koop. no.9:14 S '56.

TEXTILE MACHINERY—ELECTRIC DRIVING
Mil'man, IA.V., and I.A.Petrov. [Automatic electric drive for textile machinery] Avtomatika elektroprivoda tekstil'nykh mashin. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 391 p.

TEXTILE PRINTING
Maturing of printed knit fabrics. P.S.Balshev. Leg. prom. 16 no.7:49-50 Jl '56.
Multiple lens and mirror repeaters of patterns. V.A. Shamburov, N.I.Fedorov. Tekst.prom. 16 no.8:38-43 Ag '56.

TEXTILE PRINTING—HISTORY
Book about Russian fabrics ("Russian printed fabrics of the 16th-17th century." L.I.IAkunina. Reviewed by N.Bariutin). Iskusstvo 19 no.5:71-72 '56.

THAILAND—MILITARY MANEUVERS
Interesting parallel. Nov.vrem. 14 no.41:18 O '56.

THALLIUM—TOXICOLOGY
On the problem of the absorbability and excretion of thallium. G.R.Karsybekova. Izv.AN Kazakh.SSR.Ser. fiziol.i med. no.7:116-121 '56.

THALLIUM HALIDES—ELECTRIC PROPERTIES
Photoelectric properties of silver halides and thallium halides when colored with organic coloring agents. IA.Akimov. Zhur.nauch.i prikl.fot.i kin. 1 no.4: 254-265 Jl-Ag '56.

THALLIUM SALTS
Complexing and exchange decomposition in the reciprocal system of thallium and cadmium chlorides and sulfates. A.K.Sementsova, A.G.Bergman, D.S.Lesnykh. Zhur. neorg.khim. 1 no.1:163-169 [Jan.] '56.

THAWING
Enclosure for thawing frozen loads. I.G.Volchenko, IA.G.Shveiskii, A.I.Tyrykin. Koks i khim. no.5:16-18 '56.

THEATER
(see also subdivision under Akmolinsk; Archangel; Armenia; Baltic States; Cheboksary; Cheremkhovo; Dzerzhinsk; Kalinin; Karelia; Khabarovsk; Kharkov; Kysyl; Leningrad; Lvov; Ordzhonikidze; Orel; Paris; Petrozavodsk; Stalingrad; Tashkent; Ukraine)
The almanac "Theatrical Moscow." Teatr 17 no.8: 182 Ag '56.
Commemorative dates. Teatr 17 no.8:191-192 Ag '56.
Commemorative dates. Teatr 17 no.9:192 S '56.
Guest performances. Teatr 17 no.8:178-179 Ag '56.
New horizons. G.Georgievskii. Teatr 17 no.8:40-56 Ag '56.
Theaters of "experience" and "representation" Ruben Simonov. Teatr 17 no.8:57-62 Ag '56.
Theaters of the world. Teatr 17 no.8:165-169 Ag '56.
Theaters of the world. Teatr 17 no.9:170-175 S '56.

THEATER—HISTORY
History of the struggle for a national Russian theater and drama in the 18th century. A.D.Orlshin. Nauk.zap. L'viv.un. 24:101-120 '53.
Two centuries of the Russian theater. V.Vsevolodskii Gerngross. Teatr 17 no.9:180-191 S '56.

THEATER—PERIODICALS
(see also subdivision under Ukraine)
Conference of readers of "Teatr." Teatr 17 no.8:168 Ag '56.

THEATER—PRODUCTION AND DIRECTION
[The director's art; a collection of articles by Soviet stage directors] Masterstvo rezhissera; sbornik statei rezhisserov sovetskogo teatra. Moskva, Gos. izd-vo "Iskusstvo," 1956. 458 p.

THEATER CRITICISM see Dramatic criticism

THEATERS
Example! Teatr 17 no.8:134-135 Ag '56.
Our observations on the designing of motion-picture theaters. M.Sheling, A.Izotova, E.Aber. Arkhit. SSSR no.8:20-21 '56.
Under the open sky. B.Gorbatov. Ogonek 34 no.39:20-21 S '56.

THEATERS—STAGE SETTING AND SCENERY
The setting isn't good. Teatr 17 no.8:150 S '56.

THEATRICAL MAKE-UP see Make-up, Theatrical

THEATRICALS, AMATEUR see Amateur theatricals

THEFT see Larceny

THEODOLITES
Angle of refraction of micrometers used in optical theodolites. L.P.Pellinen. Geod.i kart. no.3:30-33 My '56.
Effect of shifting of the theodolite telescope in its bearings on angle measurement readings. I.IA.Zagriadskii. Geod.i kart. no.2:14-25 Ap '56.
My experience with a range-finder cap. M.S.Klanovets. Geod.i kart. no.1:65-66 Mr '56.

THEORETICAL CHEMISTRY see Chemistry, Physical and theoretical

THEORY OF GROUPS see Groups, Theory of

THERAPEUTICS see subdivision under Azerbaijan

THERAPEUTICS—SOCIETIES see subdivision under Kuybyshev Province; Leningrad; Moscow

THERAPEUTICS, PHYSIOLOGICAL
(see also subdivision under Kislovodsk)
Some principles of V.G.Prokopenko's general theory on the effect of health resort factors; discussion. B.M. Kopytin, G.S.Knibanov. Vop.kur.fizioter.i lech.fiz. kul't. 21 no.3:77-81 Jl-S '56.

THERESE, SAINT, 1873-1897
Therese, Saint. [The story of a soul; an autobiography] Povest' ob odnoi dushe, eiu samoiu napisannaia. [Perevod]. S predisl. V.N.Il'ina. [n.p.] Izdanie Sol' zemli - svet mira. [1955?] 343 p.

THERMAL ANALYSIS
Application of complex thermal analysis to physicochemical and industrial research. E.K.Keler, A.K.Kuznetsov. Zhur.neorg.khim. 1 no.5:1292-1295 Je '56.
Interpretation of the nature of thermal effects from curves of heating. I.S.Rassonskaia. Zhur.neorg.khim. 1 no.6:1284-1291 Je '56.
Study of the substitution $2AgCl + Pb \rightleftarrows PbCl_2 + 2Ag$ by thermal analysis of the ternary system: Ag — Pb — Cl. G.G.Urazov, A.S.Karnaukhov. Zhur.neorg.khim. 1 no.4:733-750 Ap '56.
Thermal analysis of sea water. V.M.Levchenko. Zhur.neorg.khim. 1 no.3:528-531 Mr '56.
Thermal analysis of the system: benzene - stannic bromide. A.F.Kapustinskii, IU.M.Kessler. Izv. AN SSSR.Otd.khim.nauk no.8:889-893 Ag '56.
Thermal stresses in sheet glass and glass tubes. N.A. Zakharikov, S.A.Blokh. Trudy Inst.fiz.gaza AN URSR 2:64-82 '54.

THERMAL ANALYSIS (Continued)

TSvetkov, A. I., and E. P. Val'iashikhina. [Materials on the thermal investigation of minerals. No. 3. Mica] Materialy po termicheskomu issledovaniiu mineralov. No. 3: Sludy. Moskva, Izd-vo Akademii nauk SSSR, 1956. 107 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 4)

THERMISTORS

Analysis of thermistor performance in thermal control systems based on the use of relay effect. G. I. Pavlova, I. T. Sheftel'. Avtom. i telem. 17 no. 6:549-558 Je '56.

Measuring instruments based on the utilization of semiconducting thermistors. M. A. Kaganov, I. V. Korobochkin, B. M. Shilmovich. Priborostroenie no. 8:10-12 Ag '56.

Thermistors. A. A. Shvets. Avt. i trakt. prom. no. 8:10-11 Ag '56.

THERMOCHEMISTRY

Conditions for the occurrence of isothermal extremum points in transfer from molecular-property isotherm to specific-property isotherms and inversely. N. L. IArym-Agaev. Zhur. neorg. khim. 1 no. 3:642-651 Mr '56.

THERMOCOUPLES

Study and selection of alloys for high-temperature thermocouples. A. A. Rudnitskii, I. I. Tiurin. Zhur. neorg. khim. 1 no. 5:1074-1090 My '56.

Theory of stationary processes in a thermoelement. V. E. D'iachenko, A. F. Mal'nev. Nauk. zap. Kiev. un. 8 no. 4:69-77 '49.

THERMODYNAMICS

Boshniakovich, F. [Engineering thermodynamics. Translated from the German] Tekhnicheskaia termodinamika. Perevod s nemetskogo i red. M. P. Vukalovicha i V. A. Kirillina. Moskva, Gos. energ. izd-vo, Pt. 2, 1956. 255 p.

More about the applicability of the second law of thermodynamics for large volumes of gravitating gas. M. I. Shakhparonov. Zhur. eksp. i teor. fiz. 30 no. 6:1144-1145 Je '56.

"Technical thermodynamics." M. P. Vukalovich, I. I. Novikov. Reviewed by G. I. Fuks. Teploenergetika 3 no. 8:64 Ag '56.

Thermodynamic properties of freon-142. B. Veinberg. Khol. tekh. 33 no. 3:55-61 Jl-S '56.

THERMOELECTRICITY

Thermoelectric cooling in the refrigerating industry. A. Ioffe and others. Khol. tekh. 33 no. 3:5-10 Jl-S '56.

Thermoelectric method for the study of transformations in metals and alloys. A. A. Rudnitskii. Zhur. neorg. khim. 1 no. 6:1305-1321 Je '56.

THERMOMETERS

Electric thermometer. Nauka i zhizn' no. 9:51 S '56.

THERMOSTAT

Thermostatic control of electric motors. G. K. Nechaev, L. S. Panasiuk. Avtomatyka no. 2:25-30 '56.

THIAMIN

New method for rapid quantitative determination of thiamin in aqueous solutions. IU. M. Ostrovskii. Lab. delo 2 no. 2:9-12 Mr-Ap '56.

On the problem of vitamin $B_1$ excretion with the urine. I. M. Lindgren. Klin. med. 34 no. 7:91 Jl '56.

THIAZOLE

Interaction of acylsulfanilyl chloride with 2-aminothiazole. Part 1. Study of the interaction of di-(carbomethoxysulfanilyl)-aminothiazole with 2-aminothiazole. B. G. IAsnitskii, E. B. Dol'berg. Zhur. ob. khim. 26 no. 7:2046-2049 Jl '56.

THIAZOLINE

Structure of thiazole disulfamides. I. IA. Postovskii, V. V. Kushkin. Zhur. ob. khim. 26 no. 7:2052-2058 Jl '56.

THINKING see Thought and thinking

THIOCYANATES

New insecticide-acaricide of the group of organic thiocyanates. G. M. Mardzhanian, G. T. Esaian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 9 no. 8:59-66 Ag '56.

Rhodanide metal complexes. A. K. Babko. Usp. khim. 25 no. 7:872-893 Jl '56.

THIONYL CHLORIDE

Reactions in carboxylic acid - thionyl chloride systems. New type of cationic catalysis. M. IA. Kraft, V. V. Katyshkina. Dokl. AN SSSR 109 no. 2:312-314 Jl '56.

THIOPHENE

Synthesis of alcohols of the aliphatic series from thiophene and from its homologs. IA. L. Gol'dfarb, P. A. Konstantinov. Izv. AN SSSR. Otd. khim. nauk no. 8:992-999 Ag '56.

THIOPHOSPHATES

Organophosphorus insecticides. O, O-diethyl-$\beta$-ethylmercaptoethyldithiophosphate (M-74) and its analogues. M. I. Kabachnik and others. Dokl. AN SSSR 109 no. 4:777-780 Ag '56.

Organophosphorus insecticides. Some analogues of O, O-diethylo-$\beta$-ethylmercaptoethyldithiophosphate. (M-74), less toxic for the warmblooded. M. I. Kabachnik and others. Dokl. AN SSSR 109 no. 5:947-949 Ag '56.

THIOPHOSPHORIC ACID

Result of using chlorophos and of diazinone in controlling flies resistant to chlorinated hydrocarbons. V. A. Nabokov, M. A. Lariukhin, A. V. Nikiforova. Med. paraz. i paraz. bol. 25 no. 3:256-258 Jl-S '56.

THIOSULFATES

Enzymatic character of the formation of thiosulfate in higher vertebrates. M. A. Ter-Karapetian. Dokl. AN Arm. SSR 10 no. 4:173-177 '49.

THISTLE see subdivision under Ukraine

THORIUM

Methods of isolation of carrier-free radioactive isotopes. Communication 1. Production of radiochemically pure ThB and ThC [with English summary in insert]. N. P. Rudenko. Zhur. anal. khim. 11 no. 4:371-375 Jl-Ag '56.

THORIUM SALTS

Determination of free acid in thorium salts. V. K. Zolotukhin. Nauk. zap. L'viv. un. 34:138-140 '55.

THOROLD, CANADA—VANILLIN

Production of vanillin at the sulfite-alcohol plant in Thorold (Canada). L. Oranskii, G. Takhtovich. Gidroliz. i lesokhim. prom. 9 no. 6:29 '56.

THOUGHT AND THINKING

Kosma, T. V. [Characteristics of the development of thought in students of the younger grades] Osoblyvosti rozvytku myslennia molodshykh klasiv. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 115 p.

Practical studies in the psychology of thinking. T. A. Korman. Vop. psikhol. 2 no. 4:153-159 Jl-Ag '56.

THRACIAN LANGUAGE—PHONETICS

Phonetic phenomena of the Thracian and Illyrian languages. B. I. Nadel'. Vop. iaz. 5 no. 4:72-81 Jl-Ag '56.

THREAD

Device for rolling up the shoemaker's thread. M. Egorov. Prom. koop. no. 8:18 Ag '56.

THRESHING

Method for evaluating the quality of threshing of grain and oil-seed crops in a system of homogenous coordinates. G. M. Gin'ko. Dokl. Akad. sel'khoz. 21 no. 7:41-47 JE '56.

THRESHING MACHINES

MLS-2, 5M thresher for threshing flax. G. A. Khilis. Len. i konop. no. 4:42-44 Je '56.

Work results with the new hemp thresher. N. Kosnikov. MTS 16 no. 9:39 S '56.

THRIPS see subdivision under Ili Valley; Kara Kum

THROAT—BACTERIOLOGY

Characteristics of faucial cocal bacteria in anginas and in normal subjects. S. V. Krakht. Zhur. mikrobiol., epid. i immun. 27 no. 8:30-31 Ag '56.

THROAT—DISEASES

Current status of the problem of the etiology, epidemiology, and prevention of anginas. V. S. Preobrazhenskii. Zhur. mikrobiol., epid. i immun. 27 no. 8:8-13 Ag '56.

Diagnosis of anginas caused by Listeria. E. I. Gudkova, T. P. Voronina. Zhur. mikrobiol., epid. i immun. 27 no. 8:31-39 Ag '56.

Etiology of anginas in children. J. Zagradnicky. Zhur. mikrobiol., epid. i immun. 27 no. 8:121-122 Ag '56.

Problem of epidemiology of anginas among industrial workers during 1933-1954. L. K. Khotsianov. Zhur. mikrobiol., epid. i immun. 27 no. 8:14-21 Ag '56.

THROMBIN

Relations between thrombotropin and thrombin. G. V. Andreenko. Dokl. AN SSSR 108 no. 5:895-898 Je '56.

THROMBOPLASTIC SUBSTANCES

Comparative study of thermostability of prothrombokinase and thrombokinase. B. A. Kudriashov, T. M. Kalishevskaia, IU. A. Sharova. Dokl. AN SSSR 109 no. 1:156-159 Jl-Ag '56.

THROMBOTROPIN

Relations between thrombotropin and thrombin. G. V. Andreenko. Dokl. AN SSSR 108 no. 5:895-898 Je '56.

THUNDERSTORMS

Chain process of charge accumulation in thunder clouds. V. M. Muchnik. Trudy Ukr. NIGMI no. 3:98-102 '56.

THYMOL

Thymol test made on blood donors with an increased content of bilirubin in blood serum. N. A. Graevskaia. Lab. delo 2 no. 2:12-14 Mr-Ap '56.

THYROID GLAND

Destruction of the thyroid gland by internal ionizing radiation (radioactive iodine) and some means of protection; experiments on birds. IA. M. Kabak, I. N. Tal'skaia. Probl. endok. i gorm. 2 no. 2:3-22 Mr-Ap '56.

Effect of the cerebral cortex on the regulation of the functions of the thyroid gland. M. S. Kakhana. Uch. zap. Kish. un. 13:57-68 '54.

Effects of cobalt on the functional condition of the thyroid gland. I. N. Sharkevich. Probl. endok. i gorm. 2 no. 3:69-73 My-Je '56.

Effects of higher nervous activity collapse on the weight and structure of the thyroid gland. M. S. Kakhana. Probl. endok. i gorm. 2 no. 2:63-66 Mr-Ap '56.

Thyroid gland in experimental neurosis. V. I. Arkhipenko. Probl. endok. i gorm. 2 no. 1:42-50 Ja-F '56.

THYROID GLAND—DISEASES

Conservative treatment of thyrotoxicosis. V. R. Kliachko. Probl. endok. i gorm. 2 no. 2:31-37 Mr-Ap '56.

Fibrillation in thyrotoxicosis; its etiology and treatment. E. S. Drachinskaia, M. P. Andreeva. Probl. endok. i gorm. 2 no. 2:50-55 Mr-Ap '56.

Functional condition of the adrenal cortex in patients with thyrotoxicosis. E. Z. Gincherman. Probl. endok. i gorm. 2 no. 2:23-30 Mr-Ap '56.

Liver function in thyrotoxicosis. S. F. Mandl'. Probl. endok. i gorm. 2 no. 1:37-41 Ja-F '56.

Radioactive iodine in the treatment of thyrotoxicosis. A. A. Atabek. Sov. med. 20 no. 8:25-30 Ag '56.

Significance of thyroid function test with the aid of radioiodine in the diagnosis of initial and obliterated forms of thyrotoxicosis. B. B. Rodnianskii, D. M. Malinskii. Probl. endok. i gorm. 2 no. 1:8-12 Ja-F '56.

Treatment with small doses of thyroxin for thyroid hypofunction complicated by coronary atherosclerosis. V. L. Baranov, V. M. Dil'man. Probl. endok. i gorm. 2 no. 1:13-19 Ja-F '56.

Use of pyramidon and phenacetine in the postoperative stage in thyrotoxicosis. N. O. Nikolaev. Probl. endok. i gorm. 2 no. 1:20-26 Ja-F '56.

THYROID GLAND—SURGERY

Preoperative preparation of patients with hyperthyroidism. P. E. Rybalkin. Probl. endok. i gorm. 2 no. 2:44-49 Mr-Ap '56.

THYROID GLAND—TUMORS

A case of malignant thyrotoxic adenoma with metastases to bones. V. D. Sokolovskii. Probl. endok. i gorm. 2 no. 3:113-115 My-Je '56.

THYROXINE

Effects of the thyroid hormone on the capacity of the organism to excrete excessive water. S. G. Genes, N. G. Lesnoi. Probl. endok. i gorm. 2 no. 3:38-48 My-Je '56.

Microscopic picture of wound exudate following castration and sex hormone injection. A. I. Bukhonova. Probl. endok. i gorm. 2 no. 3:81-87 My-Je '56.

Protein metabolism in experimental hypothyroidism in rats [with English summary in insert]. S. E. Epelbaum, E. S. Dergousova. Biokhimiia 21 no. 4:491-495 Jl-Ag '56.

Treatment with small doses of thyroxin for thyroid hypofunction complicated by coronary atherosclerosis. V. L. Baranov, V. M. Dil'man. Probl. endok. i gorm. 2 no. 1:13-19 Ja-F '56.

TIBET—SOCIAL CONDITIONS

Report from the "roof of the world" (conclusion). V. Ovchinnikov. Zvezda no. 8:130-145 Ag '56.

TICKS

(see also subdivision under Georgia; Kirghizistan; Megri District; Molotov Province)

Anomalies in the body structure of ixodidticks [with English summary in insert]. P. A. Reznik. Zool. zhur. 35 no. 6:833-838 Je '56.

Changes observed in the endothelial cells of cutaneous blood vessels due to tick bites. L. B. Berlin. Dokl. AN SSSR 109 no. 4:859-861 Ag '56.

An experiment in destroying Ixodes persulcatus, the carrier of tick-borne encephalitis in its natural environment [with summary in English]. IU. I. Gadalin and others. Biul. MOIP. Otd. biol. 61 no. 3:35-41 My-Je '56.

New distribution foci of the tick Ornithodorus talaje Guérin-Méneville, 1849 found in the U. S. S. R. G. S. Pervomaiskii, K. P. Chagin, S. T. Boldyrev. Dokl. AN SSSR 109 no. 1:238-240 Jl-Ag '56.

Reasons for the geographical distribution limit of the tick Rhipicephalus sanguineus. A. S. Subbotnik. Med. paraz. i paraz. bol. 25 no. 3:272 Jl-S '56.

Study of immature phases of ixodid ticks [with English summary in insert]. P. A. Reznik. Zool. zhur. 35 no. 8:1152-1162 Ag '56.

Western limit of distribution of the tick Haemaphysalis concinna. M. S. Davydova. Med. paraz. i paraz. bol. 25 no. 3:272 Jl-S '56.

TICKS AS CARRIERS OF DISEASE

(see also subdivision under Tajikistan)

Ecology of the tick Ixodes laguri Iagurt Ol. in connection with its role in sustaining natural reservoirs of tularemia [with English summary in insert]. V. P. Bozhenko, S. F. Shevchenko. Zool. zhur. 35 no. 6:837-842 Je '56.

TICKS AS CARRIERS OF DISEASE (Continued)

Hemosporidiosis of cattle and horses in Tajikistan. B. V. Lototskii, M. P. Sirotenko. Trudy AN Tadzh. SSR 5:119-141 '52.

Some problems of the etiology and epidemiology of rickettsiosis transmitted by mites in Alma-Ata Province. D. S. Arkhangel'skii. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:14 '56.

The tick Hyalomma scupense p. sch. as a vector of the pathogen of anaplasmosis in cattle. V. Z. Resheinlak and others. Veterinariia 33 no. 9:39-40 S '56.

Two cases of tularemia caused by the bite of the tick Rhipicephalus rossicus Jakim. et K. Jakim. V. P. Borodin and others. Zhur. mikrobiol. epid. i immun. 27 no. 9:49-51 S '56.

Vectors and reservoirs of brucellosis in nature [with summary in English]. I. G. Galuzo, M. M. Rementsova. Ent. oboz. 35 no. 3:560-569 '56.

TIDAL WAVES

"Polar tides" in the world ocean. I. V. Maksimov. Dokl. AN SSSR 108 no. 5:799-801 Je '56.

TIEN SHAN

The interrelation of the Pamirs and southern Tien Shan. R. B. Baratov, S. A. Zakharov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:3-11 '56.

TIEN SHAN—ALFALFA

Biology of alfalfa in the central Tien Shan. V. S. Sharashova. Trudy Biol. inst. KirFAN SSSR no. 4:93-101 '51.

TIEN SHAN—BOTANY

Flora of the northern Tien Shan and its geographical connections. N. I. Rubtsov. Trudy Inst. bot. AN Kazakh. SSR 3:3-25 '56.

TIEN SHAN—GEOPHYSICS

Physical nature of the gravitational field in the Pamirs and Tien Shan. P. IA. Galushko. Nauk. zap. Kiev. un. 12 no. 4:93-96 '53.

TIEN SHAN—GRASSES

Experimental seeding of grasses in Alpine meadows of Tien Shan Province, Kirghiz S.S.R. A. N. Gusarova. Trudy Biol. inst. KirFAN SSSR no. 4:21-30 '51.

TIEN SHAN—KIRGHIZ

Appearance of the Kirghiz in the Tien Shan area in the 9th and 10th centuries [with English summary in insert]. A. N. Bernshtam. Sov. vostokoved. no. 4:118-125 '56.

TIEN SHAN—MARMOTS

Data on the ecology of the Tien Shan marmot Marmota bobac centralis Thom. [with English summary in insert]. M. I. Ismagilov. Zool. zhur. 35 no. 6:908-915 Je '56.

TIEN SHAN—PHYSICAL GEOGRAPHY

Geomorphological characteristics of plots of experimental tea plantations in the Tien Shan. V. N. Olitunin. Trudy Glav. bot. sada 5:11-24 '56.

TIEN SHAN—RYE

Effect of environmental conditions on changes in the heredity of winter rye. V. N. Kovalev. Trudy Biol. inst. KirFAN SSSR no. 4:87-91 '51.

TIENTSIN, CHINA—COMMUNITY CENTERS

After work. Kitai no. 7:22-23 Jl '56.

TIES, RAILROAD see Railroads—Ties

TIFLIS—ARCHITECTURE

Dzhashi, N. U. [Soviet Georgian architecture; based on examples in Tiflis] Gruzinskaia sovetskaia arkhitektura; na primere Tbilisi. Tbilisi, Izd-vo "Zaria Vostoka," 1956. 149 p.

TIFLIS—CEMENT

Using Tbilisi lime-pozzuolana cement [in Georgian with summary in Russian]. Z. TSitsoani. Trudy Inst. stroi. dela AN Gruz. SSR 3:229-234 '51.

TIFLIS—SCIENCE—CONGRESSES

Nauchnaia konferentsiia aspirantov i molodykh nauchnykh rabotnikov, 7th, Tiflis, 1956. [Plan of proceedings and the main points of reports] Plan raboty i tezisy dokladov. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 193 p. [In Georgian and Russian.]

TIFLIS—TEXTILE INDUSTRY

Potentialities for lowering production costs. S. A. Amashukeli. Tekst. prom. 16 no. 8:57-59 Ag '56.

TILAK, BAL GANGADHAR, 1856-1920

Outstanding Indian patriot and democrat Bal Gangadhar Tilak [with English summary in insert]. I. M. Reisner. Sov. vostokoved. no. 4:73-89 '56.

TILES

(see also subdivision under Czechoslovakia; Germany, East; Rumania)

Building tiles from wood chips. L. Grobman. Prom. koop. no. 8:16-17 Ag '56.

Manufacture of multicolored decorative ceramics by single roasting without saggers. I. I. Kitaigorodskii, K. I. Rostovtseva. Stek. i ker. 13 no. 9:1-3 S '56.

Porous ceramic tiles for the aeration of drainage water. M. A. Matveev, K. A. Smirnova. Gor. khoz. Mosk. 30 no. 8:30-31 Ag '56.

Porous tiles for pneumatic conveying of pulverized materials. M. Matveev, K. Smirnova. Strol. mat., izdel. i konstr. 2 no. 8:28-29 Ag '56.

TILES, HOLLOW see Hollow tiles

TILES, ROOFING

In defense of the cement and sand tiles. G. Novikov. Sel'. stroi. 11 no. 8:19-20 Ag '56.

TILLAGE

(see also subdivision under Chelyabinsk Province; Surkhan-Darya Province)

Care of soil in bearing orchards. I. I. Kanivets. Sad i og. no. 9:33-37 S '56.

Corn as a valuable plant preceding winter crops. I. N. Elagin. Zemledelie 4 no. 9:22-24 S '56.

Crop cultivation practices in the dry-farming areas of arid regions. A. Gabbasov. Sel'khoz. Kazakh. no. 4: 28-31 Ap '56.

Deepening the top layer of irrigated Chestnut and Light Chestnut soils. N. I. Dal'skii. Zemledelie 4 no. 9: 77-82 S '56.

Depth of plowing and topsoil deepening of turf-Podzolic soils. M. G. Chizhevskii. Zemledelie 4 no. 9:54-58 S '56.

Effect of cultivation methods on the fertility of saline soils. A. V. Ustinova. Zemledelie 4 no. 9:83-86 S '56.

Effect of tillage methods on winter wheat harvest. K. V. Kobakhidze. Soob. AN Gruz. SSR 17 no. 6:509-514 '56.

For progressive cultivation practices on hybridization plots. D. S. Filev. Kukuruza 1 no. 2:29-32 My '56.

Harrowing fall-plowed fields is an aimportant measure in controlling weeds. S. A. Kott. Nauka i pered. op. v sel'khoz. no. 8:22-23 Ag '56.

New methods for soil cultivation. V. A. IUferov. Zemledelie 4 no. 9:63-69 S '56.

New state grain farms. N. V. Pakhomov. Nauka i pered. op. v sel'khoz. no. 7:16-18 Jl '56.

New tillage practices in growing mangels. G. M. Chikaliki. Nauka i pered. op. v sel'khoz. no. 9:14-15 S '56.

Practice in cultivating fall-plowed fields for sugar beets. E. A. Mikhailenko. Dokl. Akad. sel'khoz. 21 no. 8:17-19 '56.

Some methods of cultivation for winter wheat. K. I. Saichuk. Zemledelie 4 no. 9:70-72 S '56.

Taking local conditions in consideration. A. Poliakov. Nauka i pered. op. v sel'khoz. no. 8:73 Ag '56.

Tillage in the orchards of the Tajik S.S.R. I.P.Shervarli. Sad i og. no. 9:38-40 S '56.

Unfallowed land gives much additional production. Kolkh. proizv. 16 no. 8:18 Ag '56.

We need an increase in production, not in the acreage of surface tillage. Nauka i pered. op. v sel'khoz. no. 9: 31-33 S '56.

What has been gained from the use of T. S. Mal'tsev's tillage and sowing systems. V. G. Desiatov. Sovkhoz. proizv. no. 9:31-34 S '56.

What widespread testing of T. S. Mal'tsev's methods has shown. V. D. IAkimov. Nauka i pered. op. v sel'khoz. no. 9:21-23 S '56.

Work results of a collective farm experiment station. G. Kolesnik. Kolkh. proizv. 16 no. 9:43 S '56.

TILLAGE—BIBLIOGRAPHY see Bibliography—Tillage

TIMAN RANGE—PETROLOGY

Characteristics of the Timan petrographic region. V. A. Kaliuzhnyi. Dokl. AN SSSR 109 no. 2:373-376 Jl '56.

TIMAN RIDGE—GEOLOGY, STRATIGRAPHIC

Stratigraphic significance of the ostracode fauna in the Carboniferous deposits of South Timan. G. F. Shneider. Dokl. AN SSSR 108 no. 5:931-932 Je '56.

TIMBERING OF MINES see Mine timbering

TIME

Variation in methods used for determining time by the Dellin method. A. P. Kolupaev. Geod. i kart. no. 4:21-24 Je '56.

TIME, GEOLOGICAL see Geological time

TIME MEASUREMENTS

Interesting facts on important things ("Time and its measurement," F. S. Zavel'skii. Reviewed by A. I. Kitaigorodskii). Nauka i zhizn' no. 9:60 S '56.

TIME-TABLES, RAILROAD see Railroads—Time-tables

TIMIRIAZEV, KLIMENT ARKAD'EVICH, 1843-1920

K. A. Timiriazev and the Rothamsted Experimental Station. E. V. Pologatova. Agrobiologiia no. 4:147-153 Jl-Ag '56.

K. A. Timiriazev at Petersburg University. B. E. Raikov. Vop. ist. est. i tekh. no. 1:232-234 '56.

TIN

Tin distribution in granitoid rocks. V. L. Barsukov, L. I. Pavlenko. Dokl. AN SSSR 109 no. 3:589-592 Jl '56.

X-ray study of the structure of liquid tin. V. P. TSvetkov. Dop. ta pov. L'viv. un. no. 5, pt. 2:82-84 '55.

TIN—METALLURGY

Refining tin from admixtures by the method of zonal smelting. A. IU. Baimakov and others. TSvet. met. 29 no. 8:51-58 Ag '56.

TIN BROMIDE

Thermal analysis of the system: benzene - stannic bromide. A. F. Kapustinskii, IU. M. Kessler. Izv. AN SSSR. Otd. khim. nauk no. 8:889-893 Ag '56.

TIN CHLORIDES

Isolation of sulfur compounds by means of tin chlorides. E. N. Karaulova, A. S. Nekrasov. Trudy Inst. neft. 7:60-67 '56.

TIN-COBALT-MANGANESE ALLOYS see Cobalt-manganese-tin alloys

TIN-COPPER-MAGNESIUM ALLOYS see Copper-magnesium-tin alloys

TIN-NICKEL-MANGANESE ALLOYS see Nickel-manganese-tin alloys

TIN ORES

Classification of tin ore deposits. E. A. Radkovets. Izv. AN SSSR, Ser. geol. 21 no. 6:68-69 Je '56.

TISSUE EXTRACTS

M. P. Tushnov's histolysates in swine breeding. R. N. Teliakov. Veterinariia 33 no. 10:82-83 O '56.

Stimulation of phosphorous metabolism in animals by tissue implants. V. K. Zakharova. Vop. med. khim. 2 no. 4:262-268 Jl-Ag '56.

Theoretical basis of tissue therapy; study of biogenetic stimulants. V. P. Filatov. Fiziol. zhur. [Ukr.] 2 no. 3:23-28 My-Je '56.

TISSUES, VEGETABLE see Plant cells and tissues

TISZA RIVER—LUMBERING

Raftsmen. Petro Uhlarenko. Ukraina no. 16:6-9 Ag '56.

TITANIUM

(see also subdivision under Turgay Gates)

Acid-alkalimetric determination of zirconium and titanium. A. S. Moloikova, V. K. Zolotukhin. Nauk. zap. L'viv. un. 34:125-133 '55.

Certain regularities and mechanism of the oxidation of solid refractory titanium compounds. G. V. Samsonov, N. K. Golubeva. Zhur. fiz. khim. 30 no. 6:1259-1264 Je '56.

Purification of niobium and titanium with cationites. S. I. Sobov'ev, E. I. Krylov, L. P. Kononova. Zhur. neorg. khim. 1 no. 4:660-663 Ap '56.

TITANIUM ALLOYS—ANALYSIS

Conference on methods of analyzing hydrogen, nitrogen, oxygen and carbon in titanium and its alloys. IU. Ol'shin. TSvet. met. 29 no. 8:84 S '56.

TITANIUM ALLOYS—METALLURGY

Titanium and its alloys; survey of technical periodicals. P. B. Mikhailov-Mikheev. Vest. mash. 36 no. 8:70-73 S '56.

TITANIUM-ALUMINUM ALLOYS

Equilibrium diagram for the binary system: titanium -- aluminum. I. I. Kornilov, E. N. Pylaeva, M. A. Volkova. Izv. AN SSSR. Otd. khim. nauk no. 7:771-778 Jl '56.

TITANIUM CHLORIDES

Physicochemical study of the interaction of titanium tetrachloride with esters of monobasic acids. Part 10. Fusibility of the system: titanium tetrachloride -- esters of monobasic acids. IU. A. Lysenko, O. A. Ostapov, E. K. Akopov. Zhur. neorg. khim. 1 no. 3:536-541 Mr '56.

TITANIUM-IRON ALLOYS

Equilibrium diagram of the titanium-iron system. I. I. Kornilov, N. G. Boriskina. Dokl. AN SSSR 108 no. 6: 1083-1085 Je '56.

TITANIUM-NICKEL-IRON ALLOYS see Iron-nickel-titanium alloys

TITANIUM OXIDES

Composition of anosovite and titanium sesquioxide in high titanium slags. V. V. Lapin, N. N. Kurtseva, O. P. Ostrogorskaia. Dokl. AN SSSR 109 no. 4:824-827 Ag '56.

TITANIUM OXIDES—ELECTRIC PROPERTIES

New non-ferroelectric dielectrics possessing large dielectric constants and small conductivity. G. I. Skanavi, E. N. Matveeva. Zhur. eksp. i teor. fiz. 30 no. 6:1047-1050 Je '56.

TITKOV, L. V., 1906-

I. V. Titkov, A. Kozlov. Iskusstvo 19 no. 6:45-46 '56.

TITMICE

Motor activity and gas exchange in the great titmouse under changing conditions of light. A. N. Sogeli. Dokl. AN SSSR 109 no. 5:1073-1075 Ag '56.

TITRATION
Experimental amperometric titration of aldehyde by 2-4 dinitrophenylhydrazine [with English summary in insert] E. V. Zobov, IU. S. Lialikov. Zhur. anal. khim. 11 no. 4: 459-462 Jl-Ag '56.
Potentiometric investigations of barbiturates. Communication 2. Effect of pH on the complexing of barbiturates with silver ions [with English summary in insert]. IA. M. Perel'man. Zhur. anal. khim. 11 no. 4:466-469 Jl-Ag '56.
Precise determination of gamma quantities of mercury [with English summary in insert]. V. I. Kuznetsov, E. V. Mitrofanova. Zhur. anal. khim. 11 no. 4:423-429 Jl-Ag '56.
Use of thiourea solutions in volumetric analysis (thiocarbamidometry) [with English summary in insert]. K. B. IAtsimirskii, A. A. Astasheva. Zhur. anal. khim. 11 no. 4:442-446 Jl-Ag '56.

TIULIN, ALEKSANDR FEDOROVICH, 1885-1955
In memory of A. F. Tiulin; 1885-1955. E. I. Shkonde. Koll. zhur. 18 no. 4:494-495 Jl-Ag '56.

TOADS
Comparative study of inactivation temperatures of muscle adenosintriphosphotase in Bufo-bufo L. and Bufo bufo verrucosissima Pall. N. S. Panteleeva, B. P. Ushakov. Dokl. AN SSSR 109 no. 1:164-166 Jl-Ag '56.

TOBACCO
(see also subdivision under Armenia)
Fifteen centners of Ostrokonets 45 tobacco from an area of 28.5 hectares. I. Pantelidi. Nauka i pered. op. v sel'khoz. no. 7:53 Jl '56.
Rise of profits in tobacco growing. A. Dubrovin. Kolkh. proizv. 16 no. 8:12 Ag '56.

TOBACCO—DISEASES AND PESTS
New methods in controlling tobacco pests. T. M. Matveenko. Zashch. rast. ot vred. i bol. 1 no. 3:68-69 Jl-Ag '56.
Spotted wilt of tomatoes and tobacco. N. K. Nikulina. Zashch. rast. ot vred. i bol. 1 no. 2:56 My-Je '56.

TOBACCO—HISTORY see subdivision under Ukraine

TOBACCO—VARIETIES
Makhorka with few suckers. B. I. Delmontovich. Agrobiologiia no. 4:123-125 Jl-Ag '56.

TOBACCO INDUSTRY
Soviet tobaccos [with summary in English, p. 31]. E. Ermolenko, S. Mostov. Vnesh. torg. 26 no. 8:18-22 Ag '56.

TOBOL'SK—DESCRIPTION
In an old Siberian town. A. Grigor'ev. Ogonek 34 no. 38: 4-5 S '56.

TOBOL'SK DISTRICT—FLAX
Flax growing on virgin and waste lands. M. G. Isaev. Len. i konop. no. 4:17-18 Je '56.

TOKAJ-EPERJES MOUNTAINS—VITICULTURE
Golden grapes of Tokaj. Istvan Aba. Vokrug sveta no. 8:12-13 Ag '56.

TOKAREVKA DISTRICT—TRADE UNIONS
New working order of a district committee. V. Platonov. Sov. profsoiuzy 4 no. 7:46-47 Jl '56.

TOKYO—DESCRIPTION
In Tokio; traveler's notes. Ekaterina Sheveleva. IUnost' no. 9:90 S '56.

TOKYO—WAR CRIMES TRIALS, 1946-1948
Problems in international law concerning jurisdiction over the chief Japanese war criminals. M. IA. Raport. Uch. zap. Len. un. no. 166:146-172 '48.

TOLSTOI, ALEKSEEVICH NIKOLAEVICH, 1882-1945
The role of folklore in the formation of A. N. Tolstoi's realistic method. L. M. Poliak. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:362-364 Jl-Ag '56.

TOLSTOI, LEV NIKOLAEVICH, graf, 1828-1910
Chicherin, A. V. [The language and style of the novel "War and Peace"; a lecture to students] O iazyke i stile romana Voina i mir; lektsii v pomoshch' studentu. [Khar'kov] Izd-vo Khar'kovskogo gos. univ., 1953. 51 p. (MH)
L. N. Tolstoi's play "The living corpse." M. L. Semanova. Uch. zap. Ped. inst. Gerts. 120:93-110 '55.
L. N. Tolstoi's "Power of darkness" and Croatian drama at the beginning of the 20th century. J. M. Badalic. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:330-336 Jl-Ag '56.
Lev Tolstoi's work on a novel about the Decembrists. A. V. Chicherin. Nauk. zap. L'viv. un. 24:133-148 '53.
"Power of darkness" by L. Tolstoi on the Paris stage. O. V. Timofeeva. Nauk. zap. L'viv. un. 30:53-56 '55.
[Yasnaya Polyana collection; literary and critical articles and papers on the life and works of L. N. Tolstoi] IAsnopolianskii sbornik; literaturno-kriticheskie stat'i i materialy o zhizni i tvorchestve L. N. Tolstogo. [Tula] Tul'skoe kn-vo, 1955. 333 p.

TOLMACHEV VALLEY—VOLCANOES
Two unusual volcanoes of Tolmachev Valley. A. E. Sviatlovskii. Biul. Vulk. sta. no. 24:52-60 '56.

TOLUENE HYDROPEROXIDE
Liquid phase oxidation of alkylaromatic hydrocarbons by gaseous oxygen. Hydroperoxide of toluene. P. G. Sergeev, V. V. Fedorova. Dokl. AN SSSR 109 no. 4: 795-797 Ag '56.

TOLUIDINE
Automatic potentiometric control in the production of indo-o-toluidine. N. IA. Parlashkevich, I. A. Vykhodtsev, B. D. Zolotov. Khim. prom. no. 4:242-244 Je '56.

TOMATOES
(see also subdivision under Armenia)
Bioelectric potentials of tomato plants in connection with the effect of heteroauxin and α-naphthylacetic acid. V. A. Opritov. Biofizika 1 no. 5:418-424 '56.
Canned tomatoes in infectious colds and laryngotracheitis in chickens. N. P. Ostroukh. Veterinariia 33 no. 9:42 S '56.
Carotenoid content and the fertilization process in gynoecia of different age in tomato and potato plants. L. I. Orel, G. B. Samorodova-Bianki. Dokl. AN SSSR 109 no. 2:400-402 Jl '56.
Effect of the age of the maternal plant and its ovule on the development of recessive characters in the first generation of tomato hybrids. G. S. Esaian. Dokl. AN Arm. SSR 11 no. 1:45-49 '49.
Influence of growth promoting substances on phosphorous metabolism in tomatoes. N. I. IAkushkina. Dokl. AN SSSR 109 no. 3:635-637 Jl '56.
Method for the afterripening of tomatoes. A. P. Petrov. Sad i og. no. 9:26-27 S '56.

TOMATOES—DISEASES AND PESTS
Spotted wilt of tomatoes and tobacco. N. K. Nikulina. Zashch. rast. ot vred. i bol. 1 no. 2:56 My-Je '56.

TOMBERG, TAMARA
Restless people ("Man is born for happiness"; sketches. Tamara Tomberg. Book review). Druzh. nar. no. 9: 188 S '56.

TOMBS see subdivision under Eskhakon Valley; Isfara District; Kemenka-Dneprovskaya; Staraya Ladoga; Talas Valley; Urup Valley

TOMSK—TOPOGRAPHICAL SURVEYING—STUDY AND TEACHING
Tomsk Technical School of Topography during 25 years. S. P. Glinskii. Geod. i kart. no. 5:67-69 My '56.

TOMSK PROVINCE—MACHINE-TRACTOR STATIONS
Rural efficiency experts need help. Z. Khodarenko. Sov. profsoiuzy 4 no. 8:67-68 Ag '56.

TONGUE—INNERVATION
Morphological changes in the tongue following the transection of the glossopharyngeal nerves. A. M. Gratsianskaia. Dokl. AN SSSR 108 no. 6:1171-1172 Je '56.

TONKIKH, ANNA VASIL'EVNA, 1886-
Anna Vasil'evna Tonkikh; on the 45th year of her scientific activities. E. N. Speranskaia. Probl. endok. i gorm. 2 no. 1:118-120 Ja-F '56.

TONSILS—DISEASES
Prevention of tonsillitis. A. V. Korchagin. Fel'd. i akush. 21 no. 9:8-12 S '56.
Role of irradiating the tonsils with ultraviolet rays in the compound treatment of acute rheumatic polyarthritis. N. N. Plominnikova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:54-59 Jl-S '56.
Treating chronic tonsillitis in a health center. K. D. Shumskii. Fel'd. i akush. 21 no. 9:37-38 S '56.

TONSILS—INNERVATION
Neural apparatus of the lymphoid ring and its role in angina. R. A. Zasosov, I. B. Soldatov. Klin. med. 34 no. 6:40-46 Je '56.

TONSILS—SURGERY
Effectiveness of tonsillectomy in chronic tonsillitis and rheumatism in children. N. P. Konstantinova. Sov. med. 20 no. 8:45-50 Ag '56.

TOOL STEEL
"Naphthalene-like" (intercrystalline) fracture of high-speed steel. L. B. Getsov. Metalloved. i obr. met. no. 8:42-43 Ag '56.

TOOLROOM PRACTICE
Accounting for tool rooms. K. Goganov. Bukhg. uchet 15 no. 8:28-32 Ag '56.

TOPOGRAPHICAL DRAWING
Basic principles in the production of topographic maps at scales of 1:10,000, 1:25,000, 1:50,000, 1:100,000. Geod. i kart. no. 3:69-76 My '56.

TOPOGRAPHICAL MODELING see Relief maps

TOPOGRAPHICAL SURVEYING
(see also subdivision under Ukraine)
Improving work organization is one of the decisive factors in increasing the productivity of topographic and geodetic surveys. Geod. i kart. no. 2:3-7 Ap '56.
Organization of a general topographic party. V. F. Pavlov. Geod. i kart. no. 4:47-49 Je '56.

TOPOGRAPHICAL SURVEYING—STUDY AND TEACHING see subdivision under Tomsk

TOPOLOGY
Best approximations in a non-Jordian domain. A. L. Shaginian. Dokl. AN Arm. SSR 11 no. 1:3-5 '49.
Dual homological sequences. S. I. Al'ber. Dokl. AN SSSR 108 no. 5:763-766 Je '56.
Topology in the analysis and synthesis of the commutation systems of distributing devices. Report no. 1: Principles of the method. M. M. Lebedev. Dokl. AN Arm. SSR 9 no. 3:97-100 '48.

TORI—HORSES
Celebration on the Tori Stud Farm. Konevodstvo 26 no. 8:46 Ag '56.

TORNADOES
Tornado. Vokrug sveta no. 6:59 Ag '56.

TORSION
Solving the problem of the torsion of rods with polygonal cross section. N. Kh. Arutiunian. Dokl. AN Arm. SSR 9 no. 2:67-74 '48.
Torsion of a multilayer bar of a rectangular cross-section. S. G. Lekhnitskii. Inzh. sbor. 23:63-76 '56.
Torsion of an elastic bar with arc-bounded rectangular cross section. V. I. Blokh. Inzh. sbor. 23:140-146 '56.
Torsion of certain hollow prismatic bars. V. I. IAkovlieva. Prykl. mekh. 2 no. 3:325-332 '56.
Torsion of hollow prismatic rods. A. G. Ugodchikov. Prykl. mekh. 2 no. 2:217-223 '56.

TOTEMS
The language of totems. Maurice Barbo. V zashch. mira no. 64:72-80 S '56.

TOURISM
Committee on regional studies and tourism. L. P. Shubaev. Izv. Vses. geog. ob-va 88 no. 4:422-423 Jl-Ag '56.
Some problems in compiling outline tourist maps. V. K. Adamova. Geod. i kart. no. 3:51-54 My '56.

TOURMALINE see subdivision under Borshchovochnyy Range; Kedabek

TOVIIA, Archbishop of Sverdlovsk and Irbit
Prelatic activities. Zhur. Mosk. Patr. no. 8:8 Je '56.

TOWING
Determining the power needed for towing freighters. F. M. Katsman. Sudostroenie 22 no. 8:3-4 Ag '56.

TOXALBUMINS see Albumins

TOXINS AND ANTITOXINS
Investigating the toxigenicity of the diphtheria bacillus by the biological method and in vitro. L. V. Lugovaia andothers. Lab. delo 2 no. 4:23-25 Jl-Ag '56.
The present state of the problem relative to the methods for determining toxin formation in diphtherial cultures in vitro. G. IA. Svet-Moldavskii. Lab. delo 2 no. 4:21-23 Jl-Ag '56.

TOYS
Hygiene of toys. N. T. Lebedeva. Zdorov'e 2 no. 9:25-26 S '56.
Toys from nature materials. Doshk. vykh. 17 no. 9:3 of cover S '56.
Toys with plastic mechanism. M. Aleksandrov. Prom. koop. no. 8:20-21 Ag '56.

TRACE ELEMENTS
Effect of different methods of trace element nutrition on the development, yield, and food value of red clover and its trace element content. M. IA. Shkol'nik, V. P. Bozhenko. Izv. AN SSSR. Ser. biol. no. 4:39-57 Jl-Ag '56.
New types of fertilizers. IU. A. Zhdanov. Priroda 45 no. 9:86-87 S '56.
Trace element fertilizers in viticulture. O. K. Dobroliubskii, A. V. Slavvo. Nauka i pered. op. v sel'khoz. no. 9:16 S '56.
Using trace elements in foliar nutrition of eggplants. O. K. Dobroliubskii, L. I. Zhivitskaia. Sad i og. no. 8: 24-26 Ag '56.

TRACE ELEMENTS—CONGRESSES
(see also subdivision under Belgrade)
Work results of the International Congress of Trace Elements in Belgrade. J. V. Peive. Ud. i ur. 1 no. 8:58-61 Ag '56.

TRACHEA—EXPLORATION
Tracheobronchoscopy in tuberculosis of the lungs. M. Z. Borodulina. Fel'd. i akush. 21 no. 7:10-12 Jl '56.

TRACK ATHLETICS
(see also subdivision under Chernovtsy; Gorkiy; Hungary; Moscow; Vichuga)
All-Union sports review. Leg. atl. no. 8:1-4 Ag '56.

TICKS AS CARRIERS OF DISEASE (Continued)

Hemosporidiosis of cattle and horses in Tajikistan. B. V. Lotetskii, M. P. Sirotenko. Trudy AN Tadzh. SSR 5:119-141 '52.

Some problems of the etiology and epidemiology of rickettsiosis transmitted by mites in Alma-Ata Province. D. S. Arkhangel'skii. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:14 '56.

The tick Hyalomma scupense p. sch. as a vector of the pathogen of anaplasmosis in cattle. V. Z. Reshetniak and others. Veterinariia 33 no. 9:39-40 S '55.

Two cases of tularemia caused by the bite of the tick Rhipicephalus rossicus Jakim. et K. Jakim. V. P. Borodin and others. Zhur. mikrobiol. epid. i immun. 27 no. 9:49-51 S '56.

Vectors and reservoirs of brucellosis in nature [with summary in English]. I. G. Galuzo, M. M. Rementsova. Ent. obozr. 35 no. 3:560-569 '56.

TIDAL WAVES

"Polar tides" in the world ocean. I. V. Maksimov. Dokl. AN SSSR 108 no. 5:799-801 Je '56.

TIEN SHAN

The interrelation of the Pamirs and southern Tien Shan. R. B. Baratov, S. A. Zakharov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:3-11 '56.

TIEN SHAN—ALFALFA

Biology of alfalfa in the central Tien Shan. V. S. Sharashova. Trudy Biol. inst. KirFAN SSSR no. 4:93-101 '51.

TIEN SHAN—BOTANY

Flora of the northern Tien Shan and its geographical connections. N. I. Rubtsov. Trudy Inst. bot. AN Kazakh. SSR 3:3-25 '56.

TIEN SHAN—GEOPHYSICS

Physical nature of the gravitational field in the Pamirs and Tien Shan. P. IA. Galushko. Nauk. zap. Kiev. un. 12 no. 4:93-96 '53.

TIEN SHAN—GRASSES

Experimental seeding of grasses in Alpine meadows of Tien Shan Province, Kirghiz S.S.R. A. N. Gusarova. Trudy Biol. inst. KirFAN SSSR no. 4:21-30 '51.

TIEN SHAN—KIRGHIZ

Appearance of the Kirghiz in the Tien Shan area in the 9th and 10th centuries [with English summary in insert]. A. N. Bernshtam. Sov. vostokoved. no. 4:118-125 '56.

TIEN SHAN—MARMOTS

Data on the ecology of the Tien Shan marmot Marmota bobac centralis Thom. [with English summary in insert]. M. I. Ismagilov. Zool. zhur. 35 no. 6:903-915 Je '56.

TIEN SHAN—PHYSICAL GEOGRAPHY

Geomorphological characteristics of plots of experimental tea plantations in the Tien Shan. V. N. Oliunin. Trudy Glav. bot. sada 5:11-24 '56.

TIEN SHAN—RYE

Effect of environmental conditions on changes in the heredity of winter rye. V. N. Kovalev. Trudy Biol. inst. KirFAN SSSR no. 4:87-91 '51.

TIENTSIN, CHINA—COMMUNITY CENTERS

After work. Kitai no. 7:22-23 Jl '56.

TIES, RAILROAD see Railroads—Ties

TIFLIS—ARCHITECTURE

Dzhashi, N. U. [Soviet Georgian architecture; based on examples in Tiflis] Gruzinskaia sovetskaia arkhitektura; na primere Tbilisi. Tbilisi, Izd-vo "Zaria Vostoka," 1956. 149 p.

TIFLIS—CEMENT

Using Tbilisi lime-pozzuolana cement [in Georgian with summary in Russian]. Z. TSilosani. Trudy Inst. stroi. dela AN Gruz. SSR 3:229-234 '51.

TIFLIS—SCIENCE—CONGRESSES

Nauchnaia konferentsiia aspirantov i molodykh nauchnykh rabotnikov, 7th, Tiflis, 1956. [Plan of proceedings and the main points of reports] Plan raboty i tezisy dokladov. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 193 p. [In Georgian and Russian.]

TIFLIS—TEXTILE INDUSTRY

Potentialities for lowering production costs. S. A. Amashukeli. Tekst. prom. 16 no. 8:57-59 Ag '56.

TILAK, BAL GANGADHAR, 1856-1920

Outstanding Indian patriot and democrat Bal Gangadhar Tilak [with English summary in insert]. I. M. Reisner. Sov. vostokoved. no. 4:73-89 '56.

TILES

(see also subdivision under Czechoslovakia; Germany, East; Rumania)

Building tiles from wood chips. L. Grobman. Prom. koop. no. 8:16-17 Ag '56.

Manufacture of multicolored decorative ceramics by single roasting without saggers. I. I. Kitaigorodskii, K. I. Rostovtseva. Stek. i ker. 13 no. 9:1-3 S '56.

Porous ceramic tiles for the aeration of drainage water. M. A. Matveev, K. A. Smirnova. Gor. khoz. Mosk. 30 no. 8:30-31 Ag '56.

Porous tiles for pneumatic conveying of pulverized materials. M. Matveev, K. Smirnova. Strol. mat., izdel. i konstr. 2 no. 8:28-29 Ag '56.

TILES, HOLLOW see Hollow tiles

TILES, ROOFING

In defense of the cement and sand tiles. G. Novikov. Sel'. stroi. 11 no. 8:19-20 Ag '56.

TILLAGE

(see also subdivision under Chelyabinsk Province; Surkhan-Darya Province)

Care of soil in bearing orchards. I. I. Kanivets. Sad i og. no. 9:33-37 S '55.

Corn as a valuable plant preceding winter crops. I. N. Elagin. Zemledelie 4 no. 9:22-24 S '55.

Crop cultivation practices in the dry-farming areas of arid regions. A. Gabbasov. Sel'khoz. Kazakh. no. 4:28-31 Ap '55.

Deepening the top layer of irrigated Chestnut and Light Chestnut soils. N. I. Dal'skii. Zemledelie 4 no. 9:77-82 S '55.

Depth of plowing and topsoil deepening of turf-Podzolic soils. M. G. Chizhevskii. Zemledelie 4 no. 9:54-58 S '55.

Effect of cultivation methods on the fertility of saline soils. A. V. Ustinova. Zemledelie 4 no. 9:83-86 S '55.

Effect of tillage methods on winter wheat harvest. K. V. Kobakhidze. Soob. AN Gruz. SSR 17 no. 6:509-514 '56.

For progressive cultivation practices on hybridization plots. D. S. Filev. Kukuruza 1 no. 2:29-32 My '56.

Harrowing fall-plowed fields is an almportant measure in controlling weeds. S. A. Kott. Nauka i pered. op. v sel'khoz. no. 8:22-23 Ag '56.

New methods for soil cultivation. V. A. IUferov. Zemledelie 4 no. 9:63-69 S '55.

New state grain farms. N. V. Pakhomov. Nauka i perëd. op. v sel'khoz. no. 7:16-18 Jl '56.

New tillage practices in growing mangels. G. M. Chikaliki. Nauka i pered. op. v sel'khoz. no. 9:14-15 S '56.

Practice in cultivating fall-plowed fields for sugar beets. E. A. Mikhailenko. Dokl. Akad. sel'khoz. 21 no. 8:17-19 '56.

Some methods of cultivation for winter wheat. K. I. Saichuk. Zemledelie 4 no. 9:70-72 S '55.

Taking local conditions in consideration. A. Politakov. Nauka i pered. op. v sel'khoz. no. 8:73 Ag '56.

Tillage in the orchards of the Tajik S.S.R. I. P. Shervarli. Sad i og. no. 9:38-40 S '55.

Unfallowed land gives much additional production. Kolkh. proizv. 16 no. 8:18 Ag '56.

We need an increase in production, not in the acreage of surface tillage. Nauka i pered. op. v sel'khoz. no. 9:31-33 S '56.

What has been gained from the use of T. S. Mal'tsev's tillage and sowing systems. V. G. Desiatov. Sovkhoz. proizv. no. 9:31-34 S '56.

What widespread testing of T. S. Mal'tsev's methods has shown. V. D. IAkimov. Nauka i pered. op. v sel'khoz. no. 9:21-23 S '56.

Work results of a collective farm experiment station. G. Kolesnik. Kolkh. proizv. 16 no. 8:43 S '56.

TILLAGE—BIBLIOGRAPHY see Bibliography—Tillage

TIMAN RANGE—PETROLOGY

Characteristics of the Timan petrographic region. V. A. Kaliuzhnyi. Dokl. AN SSSR 109 no. 2:373-376 Jl '56.

TIMAN RIDGE—GEOLOGY, STRATIGRAPHIC

Stratigraphic significance of the ostracode fauna in the Carboniferous deposits of South Timan. G. F. Shneider. Dokl. AN SSSR 108 no. 5:931-932 Je '56.

TIMBERING OF MINES see Mine timbering

TIME

Variation in methods used for determining time by the Dellin method. A. P. Kolupaev. Geod. i kart. no. 4:21-24 Je '56.

TIME, GEOLOGICAL see Geological time

TIME MEASUREMENTS

Interesting facts on important things ("Time and its measurement," F. S. Zavel'skii. Reviewed by A. I. Kitaigorodskii). Nauka i zhizn' no. 9:80 S '56.

TIME-TABLES, RAILROAD see Railroads—Time-tables

TIMIRIAZEV, KLIMENT ARKAD'EVICH, 1843-1920

K. A. Timiriazev and the Rothamsted Experimental Station. E. V. Polosatova. Agrobiologiia no. 4:147-153 Jl-Ag '56.

K. A. Timiriazev at Petersburg University. B. E. Raikov. Vop. ist. est. i tekh. no. 1:232-234 '56.

TIN

Tin distribution in granitoid rocks. V. L. Barsukov, L. I. Pavlenko. Dokl. AN SSSR 109 no. 3:589-592 Jl '56.

X-ray study of the structure of liquid tin. Dop. ta pov. L'viv. un. no. 5, pt. 2:82-84 '55.

TIN—METALLURGY

Refining tin from admixtures by the method of electrolytic smelting. A. IU. Baimakov and others. Tsvet. met. 29 no. 8:51-56 Ag '56.

TIN BROMIDE

Thermal analysis of the system: benzene-stannic bromide. A. F. Kapustinskii, III. M. Kravtsov. Izv. AN SSSR, Otd. khim. nauk no. 8:1010-1013 Ag '56.

TIN CHLORIDES

Isolation of sulfur compounds by means of their complexes. E. N. Karaulova, A. S. Nekrasov. Trudy Kom. po anal. khim. 7:67 '56.

TIN-COBALT-MANGANESE ALLOYS see Cobalt-manganese-tin alloys

TIN-COPPER-MAGNESIUM ALLOYS see Copper-magnesium-tin alloys

TIN-NICKEL-MANGANESE ALLOYS see Nickel-manganese-tin alloys

TIN ORES

Classification of tin ore deposits. E. A. Radkevich. Izv. AN SSSR, Ser. geol. 21 no. 6:81-89 Je '56.

TISSUE EXTRACTS

M. P. Tushnov's histolysates in swine brucellosis. M. P. Tsilikov. Veterinariia 33 no. 10:32-34 O '56.

Stimulation of phosphorous metabolism in connection with tissue implants. V. K. Zakharova. Vop. onk. 2 no. 4:262-266 Jl-Ag '56.

Theoretical basis of tissue therapy; study of tissue stimulants. V. P. Filatov. Fiziol. zhur. SSSR 42 no. 3:23-28 My-Je '56.

TISSUES, VEGETABLE see Plant cells and tissues

TISZA RIVER—LUMBERING

Raftsmen. Petro Uhliarenko. Ukraina no. 15 p. 8 Ap '56.

TITANIUM

(see also subdivision under Turgay (Gates))

Acid-alkalimetric determination of phosphorus and titanium. A. S. Molotkova, V. K. Zolotukhina. Nauch. zap. L'viv. un. 34:125-133 '56.

Certain regularities and mechanism of the reduction of solid refractory titanium compounds. G. V. Samsonov, N. K. Golubeva. Zhur. fiz. khim. 30 no. 6:1374-1376 Je '56.

Purification of niobium and titanium with [illegible]. Sobov'ev, E. I. Krylov, L. P. Kononova. Zhur. prikl. khim. 1 no. 4:660-663 Ap '56.

TITANIUM ALLOYS—ANALYSIS

Conference on methods of analyzing hydrogen, nitrogen, oxygen and carbon in titanium and its alloys. Tsvet. met. 29 no. 9:94 S '56.

TITANIUM ALLOYS—METALLURGY

Titanium and its alloys; survey of technical publications. P. B. Mikhailov-Mikheev. Vest. mash. 36 no. 9:87-88 S '56.

TITANIUM-ALUMINUM ALLOYS

Equilibrium diagram for the binary system: titanium-aluminum. I. I. Kornilov, E. N. Pylaeva, M. [illegible] kova. Izv. AN SSSR. Otd. khim. nauk no. 7:811-814 '56.

TITANIUM CHLORIDES

Physicochemical study of the interaction of titanium tetrachloride with esters of monobasic acids. Fusibility of the system: titanium tetrachloride-esters of monobasic acids. IU. A. Lysenko, [illegible] pov, E. K. Akopov. Zhur. neorg. khim. 1 no. 3:539-541 Mr '56.

TITANIUM-IRON ALLOYS

Equilibrium diagram of the titanium-iron system. I. I. Kornilov, N. G. Boriskina. Dokl. AN SSSR 108 no. 6:1083-1085 Je '56.

TITANIUM-NICKEL-IRON ALLOYS see Iron-nickel-titanium alloys

TITANIUM OXIDES

Composition of anosovite and titanium sesquioxide in high titanium slags. V. V. Lapin, N. N. Kurinova, O. P. Ostrogorskaia. Dokl. AN SSSR 109 no. 4:824-826 Ag '56.

TITANIUM OXIDES—ELECTRIC PROPERTIES

New non-ferroelectric dielectrics possessing large dielectric constants and small conductivity. G. I. Skanavi, E. N. Matveeva. Zhur. eksp. i teor. fiz. 30 no. 6:1047-1050 Je '56.

TITKOV, I. V., 1906-

I. V. Titkov. A. Kozlov. Iskusstvo 19 no. 5:43-44 '56.

TITMICE

Motor activity and gas exchange in the great titmouse under changing conditions of light. A. N. Segal'. Dokl. AN SSSR 109 no. 5:1073-1076 Ag '56.

TITRATION

Experimental amperometric titration of aldehyde by 2-4 dinitrophenylhydrazine [with English summary in insert] E. V. Zobov, IU. S. Lialikov. Zhur. anal. khim. 11 no. 4: 459-462 Jl-Ag '56.

Potentiometric investigations of barbiturates. Communication 2. Effect of pH on the complexing of barbiturates with silver ions [with English summary in insert]. IA. M. Perel'man. Zhur. anal. khim. 11 no. 4:466-469 Jl-Ag '56.

Precise determination of gamma quantities of mercury [with English summary in insert]. V. I. Kuznetsov, E. V. Mitrofanova. Zhur. anal. khim. 11 no. 4:423-429 Jl-Ag '56.

Use of thiourea solutions in volumetric analysis (thiocarbamidometry) [with English summary in insert]. K. B. IAtsimirskii, A. A. Asinsheva. Zhur. anal. khim. 11 no. 4:442-446 Jl-Ag '56.

TIULIN, ALEKSANDR FEDOROVICH, 1865-1955

In memory of A. F. Tiulin; 1865-1955. E. I. Shkonde. Koll. zhur. 18 no. 4:494-495 Jl-Ag '56.

TOADS

Comparative study of inactivation temperatures of muscle adenosintriphosphotase in Bufo-bufo L. and Bufo bufo verrucosissima Pall. N. S. Panteleeva, B. P. Ushakov. Dokl. AN SSSR 109 no. 1:164-166 Jl-Ag '56.

TOBACCO

(see also subdivision under Armenia)

Fifteen centners of Ostrokonets 45 tobacco from an area of 26.5 hectares. I. Pantelidi. Nauka i pered. op. v sel'khoz. no. 7:53 Jl '56.

Rise of profits in tobacco growing. A. Dubrovin. Kolkh. proizv. 16 no. 8:12 Ag '56.

TOBACCO—DISEASES AND PESTS

New methods in controlling tobacco pests. T. M. Matveenko. Zashch. rast. ot vred. i bol. 1 no. 3:58-59 Jl-Ag '56.

Spotted wilt of tomatoes and tobacco. N. K. Nikulina. Zashch. rast. ot vred. i bol. 1 no. 2:56 My-Je '56.

TOBACCO—HISTORY see subdivision under Ukraine

TOBACCO—VARIETIES

Makhorka with few suckers. B. I. Delmontovich. Agrobiologiia no. 4:123-125 Jl-Ag '56.

TOBACCO INDUSTRY

Soviet tobaccos [with summary in English, p. 31]. E. Ermolenko, S. Mostov. Vnesh. torg. 26 no. 8:18-22 Ag '56.

TOBOL'SK—DESCRIPTION

In an old Siberian town. A. Grigor'ev. Ogonek 34 no. 36: 4-5 S '56.

TOBOL'SK DISTRICT—FLAX

Flax growing on virgin and waste lands. M. G. Isaev. Len. i konop. no. 4:17-19 Je '56.

TOKAJ-EPERJES MOUNTAINS—VITICULTURE

Golden grapes of Tokaj. Istvan Aba. Vokrug sveta no. 8:12-13 Ag '56.

TOKAREVKA DISTRICT—TRADE UNIONS

New working order of a district committee. V. Platonov. Sov. profsoiuzy 4 no. 7:45-47 Jl '56.

TOKYO—DESCRIPTION

In Tokio; traveler's notes. Ekaterina Sheveleva. IUnost' no. 9:60 S '56.

TOKYO—WAR CRIMES TRIALS, 1946-1948

Problems in international law concerning jurisdiction over the chief Japanese war criminals. M. IA. Raport. Uch. zap. Len. un. no. 166:146-172 '48.

TOLSTOI, ALEKSEEVICH NIKOLAEVICH, 1882-1945

The role of folklore in the formation of A. N. Tolstoi's realistic method. L. M. Poliak. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:352-364 Jl-Ag '56.

TOLSTOI, LEV NIKOLAEVICH, graf, 1828-1910

Chicherin, A. V. [The language and style of the novel "War and Peace"; a lecture to students] O iazyke i stile romana Voina i mir; lektsii v pomoshch' studentu. [Khar'kov] Izd-vo Khar'kovskogo gos. univ., 1953. 61 p.
(MH)

L. N. Tolstoi's play "The living corpse." M. L. Semanova. Uch. zap. Ped. inst. Gertz. 120:93-119 '56.

L. N. Tolstoi's "Power of darkness" and Croatian drama at the beginning of the 20th century. J. M. Badalic. Izv. AN SSSR. Otd. lit. i iaz. 15 no. 4:330-338 Jl-Ag '56.

Lev Tolstoi's work on a novel about the Decembrists. A. V. Chicherin. Nauk. zap. L'viv. un. 24:133-148 '53.

"Power of darkness" by L. Tolstoi, on the Paris stage. O. V. Timofeeva. Nauk. zap. L'viv. un. 30:53-66 '56.

[Yasnaya Polyana collection; literary and critical articles and papers on the life and works of L. N. Tolstoi] IAsnopolianskii sbornik; literaturno-kriticheskie stat'i i materialy o zhizni i tvorchestve L. N. Tolstogo. [Tula] Tul'skoe kn-vo, 1956. 333 p.

TOLMACHEV VALLEY—VOLCANOES

Two unusual volcanoes of Tolmachev Valley. A. E. Sviatlovskii. Biul. Vulk. sta. no. 24:52-60 '56.

TOLUENE HYDROPEROXIDE

Liquid phase oxidation of alkylaromatic hydrocarbons by gaseous oxygen. Hydroperoxide of toluene. P. G. Sergeev, V. V. Fedorova. Dokl. AN SSSR 109 no. 4: 796-797 Ag '56.

TOLUIDINE

Automatic potentiometric control in the production of indo-o-toluidine. N. IA. Parlashkevich, I. A. Vykhodtsev, B. D. Zolotov. Khim. prom. no. 4:242-244 Je '56.

TOMATOES

(see also subdivision under Armenia)

Bioelectric potentials of tomato plants in connection with the effect of heteroauxin and α-naphthylacetic acid. V. A. Opritov. Biofizika 1 no. 5:416-424 '56.

Canned tomatoes in infectious colds and laryngotracheitis in chickens. N. P. Ostroukh. Veterinariia 33 no. 9:42 S '56.

Carotenoid content and the fertilization process in gynoecia of different age in tomato and potato plants. L. I. Orel, G. B. Samorodova-Bianki. Dokl. AN SSSR 109 no. 2:400-402 Jl '56.

Effect of the age of the maternal plant and its ovule on the development of recessive characters in the first generation of tomato hybrids. G. S. Esaian. Dokl. AN Arm. SSR 11 no. 1:45-48 '48.

Influence of growth promoting substances on phosphorous metabolism in tomatoes. N. I. IAkushkina. Dokl. AN SSSR 109 no. 3:635-637 Jl '56.

Method for the afterripening of tomatoes. A. P. Petrov. Sad i og. no. 9:26-27 S '56.

TOMATOES—DISEASES AND PESTS

Spotted wilt of tomatoes and tobacco. N. K. Nikulina. Zashch. rast. ot vred. i bol. 1 no. 2:56 My-Je '56.

TOMBERG, TAMARA

Restless people ("Man is born for happiness"; sketches. Tamara Tomberg. Book review). Druzh. nar. no. 9: 188 S '56.

TOMBS see subdivision under Eskhakon Valley; Isfara District; Kemenka-Dneprovskaya; Staraya Ladoga; Talas Valley; Urup Valley

TOMSK—TOPOGRAPHICAL SURVEYING—STUDY AND TEACHING

Tomsk Technical School of Topography during 25 years. S. P. Glinskii. Geod. i kart. no. 3:87-89 My '56.

TOMSK PROVINCE—MACHINE-TRACTOR STATIONS

Rural efficiency experts need help. Z. Khodarenko. Sov. profsoiuzy 4 no. 8:67-68 Ag '56.

TONGUE—INNERVATION

Morphological changes in the tongue following the transection of the glossopharyngeal nerves. A. M. Gratsianskaia. Dokl. AN SSSR 108 no. 6:1171-1172 Je '56.

TONKIKH, ANNA VASIL'EVNA, 1886-

Anna Vasil'evna Tonkikh; on the 45th year of her scientific activities. E. N. Speranskaia. Probl. endok. i gorm. 2 no. 1:118-120 Ja-F '56.

TONSILS—DISEASES

Prevention of tonsillitis. A. V. Korchagin. Fel'd. i akush. 21 no. 9:8-12 S '56.

Role of irradiating the tonsils with ultraviolet rays in the compound treatment of acute rheumatic polyarthritis. N. N. Ptomiannikova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:54-59 Jl-S '56.

Treating chronic tonsillitis in a health center. K. D. Shumskii. Fel'd. i akush. 21 no. 9:37-38 S '56.

TONSILS—INNERVATION

Neural apparatus of the lymphoid ring and its role in anginas. R. A. Zasosov, I. B. Soldatov. Klin. med. 34 no. 8:40-45 Je '56.

TONSILS—SURGERY

Effectiveness of tonsillectomy in chronic tonsillitis and rheumatism in children. N. P. Konstantinova. Sov. med. 20 no. 8:45-50 Ag '56.

TOOL STEEL

"Naphthalene-like" (intercrystalline) fracture of high-speed steel. L. B. Getsov. Metalloved. i obr. met. no. 8:42-43 Ag '56.

TOOLROOM PRACTICE

Accounting for tool rooms. K. Gogarov. Bukhg. uchet 15 no. 6:28-32 Ag '56.

TOPOGRAPHICAL DRAWING

Basic principles in the production of topographic maps at scales of 1:10,000, 1:25,000, 1:50,000, 1:100,000. Geod. i kart. no. 3:69-76 My '56.

TOPOGRAPHICAL MODELING see Relief maps

TOPOGRAPHICAL SURVEYING

(see also subdivision under Ukraine)

Improving work organization is one of the decisive factors in increasing the productivity of topographic and geodetic surveys. Geod. i kart. no. 2:3-7 Ap '56.

Organization of a general topographic party. V. F. Pavlov. Geod. i kart. no. 4:47-49 Je '56.

TOPOGRAPHICAL SURVEYING—STUDY AND TEACHING see subdivision under Tomsk

TOPOLOGY

Best approximations in a non-Jordian domain. A. L. Shaginian. Dokl. AN Arm. SSR 11 no. 1:3-5 '49.

Dual homological sequences. S. I. Al'ber. Dokl. AN SSSR 108 no. 5:763-765 Je '56.

Topology in the analysis and synthesis of the commutation systems of distributing devices. Report no. 1: Principles of the method. M. M. Lebedev. Dokl. AN Arm. SSR 9 no. 3:97-100 '48.

TORI—HORSES

Celebration on the Tori Stud Farm. Konevodstvo 26 no. 8:46 Ag '56.

TORNADOES

Tornado. Vokrug sveta no. 8:59 Ag '56.

TORSION

Solving the problem of the torsion of rods with polygonal cross section. N. Kh. Arutiunian. Dokl. AN Arm. SSR 9 no. 2:67-74 '48.

Torsion of a multilayer bar of a rectangular cross-section. S. G. Lekhnitskii. Inzh. sbor. 23:63-76 '56.

Torsion of an elastic bar with arc-bounded rectangular cross section. V. I. Blokh. Inzh. sbor. 23:140-146 '56.

Torsion of certain hollow prismatic bars. V. I. IAkovlieva. Prykl. mekh. 2 no. 3:325-332 '56.

Torsion of hollow prismatic rods. A. G. Ugodchikov. Prykl. mekh. 2 no. 2:217-223 '56.

TOTEMS

The language of totems. Maurice Barbo. V zashch. mira no. 64:72-80 S '56.

TOURISM

Committee on regional studies and tourism. L. P. Shubaev. Izv. Vses. geog. ob-va 88 no. 4:422-423 Jl-Ag '56.

Some problems in compiling outline tourist maps. V. K. Adamova. Geod. i kart. no. 3:51-54 My '56.

TOURMALINE see subdivision under Borshchovochnyy Range; Kedabek

TOVIIA, Archbishop of Sverdlovsk and Irbit

Prelatic activities. Zhur. Mosk. Patr. no. 6:8 Je '56.

TOWING

Determining the power needed for towing freighters. F. M. Kaisman. Sudostroenie 22 no. 8:3-4 Ag '56.

TOXALBUMINS see Albumins

TOXINS AND ANTITOXINS

Investigating the toxigenicity of the diphtheria bacillus by the biological method and in vitro. L. V. Lugovaia andothers. Lab. delo 2 no. 4:23-25 Jl-Ag '56.

The present state of the problem relative to the methods for determining toxin formation in diphtherial cultures in vitro. G. IA. Svet-Moldavskii. Lab. delo 2 no. 4:21-23 Jl-Ag '56.

TOYS

Hygiene of toys. N. T. Lebedeva. Zdorov'e 2 no. 9:25-26 S '56.

Toys from nature materials. Doshk. vykh. 17 no. 9:3 of cover S '56.

Toys with plastic mechanism. M. Aleksandrov. Prom. koop. no. 8:20-21 Ag '56.

TRACE ELEMENTS

Effect of different methods of trace element nutrition on the development, yield, and food value of red clover and its trace element content. M. IA. Shkol'nik, V. P. Bozhenko. Izv. AN SSSR. Ser. biol. no. 4:39-57 Jl-Ag '56.

New types of fertilizers. IU. A. Zhdanov. Priroda 45 no. 9:86-87 S '56.

Trace element fertilizers in viticulture. O. K. Dobroliubskii, A. V. Slavvo. Nauka i pered. op. v sel'khoz. no. 9:15 S '56.

Using trace elements in foliar nutrition of eggplants. O. K. Dobroliubskii, L. I. Zhivitskaia. Sad i og. no. 8: 24-26 Ag '56.

TRACE ELEMENTS—CONGRESSES

(see also subdivision under Belgrade)

Work results of the International Congress of Trace Elements in Belgrade. J. V. Peive. Ud. i ur. 1 no. 8:58-61 Ag '56.

TRACHEA—EXPLORATION

Tracheobronchoscopy in tuberculosis of the lungs. M. Z. Borodulina. Fel'd. i akush. 21 no. 7:10-12 Jl '56.

TRACK ATHLETICS

(see also subdivision under Chernovtsy; Gorkiy; Hyngary; Moscow; Vichuga)

All-Union sports review. Leg. ath. no. 8:1-4 Ag '56.

TRACK ATHLETICS (Continued)
Athletic school of "Spartak." S. Savdunin. Leg. atl. no. 8:12-13 Ag '56.
International meets of Soviet track athletes. Leg. atl. no. 8:25-27 Ag '56.
New masters of sport. Leg. atl. no. 8:21 Ag '56.
One shouldn't forget the main problem. V. Pukirev. Leg. atl. no. 8:13-14 Ag '56.
Planning athletic training. D. Ionov. Leg. atl. no. 8: 5-9 Ag '56.

TRACKS, RAILROAD see Railroads—Track

TRACTOR STATIONS see Machine-tractor stations

TRACTORS
(see also subdivision under Great Britain)
Aleksandrov, G. IA. [Tractor brigade leader's manual] Pamiatka brigadira traktornoi brigady. [Moskva] Moskovskii rabochii, 1956. 510 p.
Dynamics and economy of operation of the KD-35 tractor on curves. A. IA. Gulans, IA. I. Kuvshinov. Avt. i trakt. prom. no. 8:24-25 Ag '56.
Efficient method for paying out, lifting and laying the cable on electric tractors. P. N. Listov, A. G. Adoian, A. F. Komiagin. Izv. TSKhA no. 1:185-200 '56.
Equip tractors with signals. A. Romanenko. MTS 16 no. 8:42 Ag '56.
Login, A.D. [The work of the tractor brigade] Rabota traktornoi brigady. Moskva, Gos. izd-vo, selkhoz. lit-ry, 1956. 47 p. (Peredovoi opyt v sel'skom khoziaistve)
Merits and defects of a teaching manual ("Practical laboratory exercises applied to tractors and automobiles." V. M. Semenov. Reviewed by D. I. Mel'nikov). Sred. spets. obr. no. 9:56-59 S '56.
Methods for studying the dynamics of tractors with mounted equipment. L. A. Kuliashou. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:117-123 '56.
The teaching of the course on tractors must be revised. G. Z. Chikviladze. Vest. vys. shkoly 14 no. 9:61-62 S '56.

TRACTORS—ELECTRIC EQUIPMENT
Zotov, B. S., and N. M. Il'in. [Electric equipment of automobiles and tractors] Elektrooborudovanie avtomobilei i traktorov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 254 p.

TRACTORS—ENGINES
Changes in the design of the 1D26/30 engine. P. Kireev. MTS 16 no. 9:31 S '56.
Dynamics of tractor engines. I. I. Krinetskii. Avt. i trakt. prom. no. 8:21-24 Ag '56.
Equipment for running-in tractor engines. L. A. Dem'ianov. Avt. i trakt. prom. no. 8:35-37 Ag '56.
Nisnevich, A. I. [New methods for determining the wear rate of tractor engine parts] Primenenie novykh metodov opredelenila velichiny iznosa detalei traktornogo dvigatelia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 43 p. (Moscow. Gosudarstvennyi soiuznyi nauchno-issledovatel'skii traktornyi institut. [Trudy], no. 14)
Repairing pinion gears of oil pumps. A. Cheremisov. MTS 16 no. 8:43 Ag '56.

TRACTORS—ENGINES—AIR FILTERS
New dry air filter for DT-54 tractors. S. Shchurov. MTS 16 no. 8:40-41 Ag '56.

TRACTORS—ENGINES—OIL FILTERS
Checking and cleaning coarse band filters. G. Astvatsaturov, A. Liubchenko. MTS 16 no. 8:35-36 Ag '56.
Improving the coarse oil filter of the D-54 engine. IU. Kosichenko, V. Chernyshev. MTS 16 no. 8:37-38 Ag '56.

TRACTORS—REPAIRING
(see also subdivision under Sariwon, Korea)
Galvoronskii, A.G., and others. [Taking apart and assembling a DT-54 tractor] Razborka i sborka traktora DT-54. Pod red. A.IA.Merilova. Moskva, Gos. izd-vo, selkhoz. lit-ry, 1956. 338 p.
Give greater support to the initiatives of efficiency workers. K. Korneichuk. MTS 16 no. 9:28-29 S '56.
Organize work shops specializing in the repair of cylinder sleeves. G. Trakhtenberg. MTS 16 no. 9: 20-22 S '56.
Reconditioning the axle of the chassis of STZ-NATI and DT-54 tractors. A. Zaretski. MTS 16 no. 8:43 Ag '56.
Repairing balance arms of DT-54 and STZ-NATI tractors. G. Morev, M. Parshin, E. Kosiakov. MTS 16 no. 9:31 S '56.
Repairing tractors according to a year-round schedule. P. Ambrosov. Sovkhoz. proizv. no. 9:66-67 S '56.

TRADE AGREEMENTS (LABOR) see Collective labor agreements

TRADE ROUTES—MAPS
The first economic transport atlas of Russia. A. I. Preobrazhenskii. Izv. Vses. geog. ob-va 88 no. 4:384-386 Jl-Ag '56.

TRADE UNIONS
(see also subdivision under Africa—French colonies; Belgium; Canada; Chile; France; Germany, West; India; Indonesia; Kuybyshev Province; Lipetsk; Moscow; Nigeria Okinawa; Rumania; Scotland; Tokarevka District; United States; Yugoslavia; Zlatoust)
Active trade-union workers are the main work support. G. Novatskii. Sov. profsoiuzy 4 no. 8:36-38 Ag '56.
The building of communism and the Soviet trade unions. Kommunist 33 no. 13:3-14 S '56.
Daily concern for workers' living conditions. Sov. profsoiuzy 4 no. 9:1-7 S '56.
Development of workers and trade-union movement in colonial and dependent countries. A. Balmashnov. Sov. profsoiuzy 4 no. 9:77-82 S '56.
Extensive possibilities for cooperation between trade unions organized along different lines. E. Cherednichenko. Sov. profsoiuzy 4 no. 7:78-82 Jl '56.
For a systematic and thorough checkup of performance. Sov. profsoiuzy 4 no. 8:1-7 Ag '56.
For restoration of the international unity of trade unions. Brian Roberts. Sov. profsoiuzy 4 no. 9:83-85 S '56.
Fulfill in militant fashion the decisions of the fifth plenum of the All-Union Central Council of Trade Unions. Sov. profsoiuzy 4 no. 7:1-7 Jl '56.
In trade-union organizations. Sov. profsoiuzy 4 no. 7: 94-95 Jl '56.
In trade-union organizations. Sov. profsoiuzy 4 no. 8: 93-95 Ag '56.
In trade-union organizations. Sov. profsoiuzy 4 no. 9: 93-95 S '56.
Instructor of the trade-union committee. B. Chusov. Sov. profsoiuzy 4 no. 9:26-30 S '56.
The law on government pensions and the tasks of trade unions. I. Kozlov. Sov. profsoiuzy 4 no. 7:8-15 Jl '56.
The legal status of trade-union organizations in the U. S. S. R. IA. L. Kisslev. Sov. gos. i pravo no. 4:61-72 '56.
Moscow. Vysshaia shkola profdvizheniia. [History of the trade union movement in foreign countries; in the first stage of the general crisis of capitalism] Istoriia profsoiuznogo dvizheniia za rubezhom; na pervom etape obshchego krizisa kapitalizma. [Moskva] Izd-vo VTsSPS Profizdat.
Pt. 2. 1955. 167 p.
Open letter to the World Federation of Trade Unions and to the International Confederation of Free Trade Unions. Vsem. prof. dvizh. no. 7:16-17 Jl '56.
Rousing welcome for Chinese and Soviet trade-union delegates in Australia. Vsem. prof. dvizh. no. 7:15 Jl '56.
Suggestion of Soviet trade unions to the British Congress of trade Unions. Vsem. prof. dvizh. no. 8:19 Ag '56.
Trade-union groups should be administered on a daily basis. B. Marasanov. Sov. profsoiuzy 4 no. 7:40-42 Jl '56.

TRADE UNIONS—CONGRESSES see subdivision under Australia; Berlin; Helsinki; India

TRADES see Building trades

TRAFFIC ACCIDENTS see subdivision under France

TRAFFIC ENGINEERING
(see also subdivision under Moscow)
Eroshevskii, M.I. [Speedways for continuous flow of traffic in cities] Skorostnye magistrali nepreryvnogo dvizhenila v gorodakh. Pod red. A.E.Stramentova. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 104 p.

TRAILERS see Automobiles—Trailers

TRAINED NURSES see Nurses and nursing

TRAINING, MANUAL see Manual training

TRAINING, PHYSICAL see Physical education and training

TRAINING OF ANIMALS see Animals, Training of

TRAINING OF CHILDREN see Children—Management

TRAMWAYS see Street railways

TRANS-ILI ALA-TAU—ALLUVIUM
Flow of suspended alluvium in rivers on the northern slope of the Trans-Ili Ala-Tau. S. P. Kavetskii, E. M Kalmynkina. Trudy KazNIGMI no. 5:20-25 '55.

TRANSBAIKALIA—GEOLOGY, STRATIGRAPHIC
The age of Carboniferous deposits in Transbaikalia ("Age diversity of continental deposits of Transbaikalia," G. G. Martinson. Reviewed by B. A. Ivanov). Izv. AN SSSR. Ser. geol. 21 no. 6:118 Je '56.

TRANSBAIKALIA—GRAZING
Range fattening of cattle on a Transbaikalia collective farm. P. Antonov. Kolkh. proizv. 18 no. 8:22-24 Ag '56.

TRANSBAIKALIA—ROCKS, IGNEOUS
Some petrogenetic features of small intrusion formations of the post-upper Jurassic period in one of the regions of eastern Transbaikalia. M. B. Borodaevskaia. Izv. AN SSSR. Ser. geol. 21 no. 6:70-91 Je '56.

TRANSCARPATHIA—CONGLOMERATE
On the Tereshul' conglomerates and the Novoselitskoye horizon of Transcarpathian tufas. G. P. Alferov, L. N. Kudrin. Dokl. AN SSSR 109 no. 4:835 Ag '56.

TRANSCARPATHIA—GEOGRAPHY
Anuchin, V. A. [Geography of Soviet Transcarpathia] Geografiia Sovetskogo Zakarpat'ia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 294 p.

TRANSCARPATHIA—LIGNITE
Burning Transcarpathian lignite in furnaces with shaft-type impact mills. N. M. Platyshkin, G. I. Savvakin. Energetik 4 no. 9:29-31 S '56.

TRANSCARPATHIA—POTTERY
History of pottery in Transcarpathia. I. F. Simonenko. Sov. etn. no. 2:33-45 '56.

TRANSCARPATHIAN PROVINCE—MIRIDAE
Distribution of Horvathia hieroglyphica Muls. (Heteroptera, Miridae) in Transcarpathian Province. K. K. Fasulati. Ent. oboz. 35 no. 1:142-143 '56.

TRANSCAUCASIA—HISTORY
The role of the U. S. A. in counterrevolutionary intervention of western imperialists in Transcaucasia in 1917. G. Galoian. Izv. AN Arm. SSR. Obshchestv. nauki no. 8:9-18 Ag '56.

TRANSCAUCASIA—LAMELLIBRANCHIATA, FOSSIL
Some Cretaceous Rudista of Transcaucasia. V. P. Rengarten. Trudy Inst. geol. nauk no. 164:120-140 '56.

TRANSCAUCASIA—LIZARDS
Systematic position of the Transcaucasian variegated desert lizard Eremias arguta (Pallas) (Reptilia, Sauria). I. S. Darevskii. Dokl. AN Arm. SSR 16 no. 4: 117-121 '53.

TRANSCAUCASIA—PORCUPINES
Occurrence of the porcupine in Transcaucasia. N. K. Vereshchagin, S. K. Dal'. Dokl. AN Arm. SSR 9 no. 2: 85-86 '48.

TRANSDUCTORS see Magnetic amplifiers

TRANSIENTS (ELECTRICITY)
Calculation of transients in complex linear circuits using Fourier's integral. O. V. Mamontov. Elektrichestvo no. 8:4-10 Ag '56.

TRANSISTORS
Application of germanium transistors in protective apparatures telemechanics and power system transmissions. G. K. Martynov, V. V. Pavlov. Avtom. i telem. 17 no. 6:570-580 Je '56.
Determining transistor parameters. IU. I. Konev. Trudy MAI no. 57:37-47 '56.
[Electric apparatusi a reference book] Elektrovakuumnye pribory; spravochnik. Moskva, Gos. energ. izd-vo, 1956. 422 p.
Feedback in circuits having crystal triodes. IA. K. Trokhimenko. Radiotekhnika 11 no. 9:46-53 S '56.

TRANSLATING MACHINES
Electronic machine translates. V. Shveigeimer. Vsem. stud. nov. 10 no. 8:18-19 Ag '56.

TRANSMISSION OF HEAT see Heat—Transmission

TRANSMUTATION OF METALS see Alchemy

TRANSPIRATION OF PLANTS see Plants—Transpiration

TRANSPLANTATION (PHYSIOLOGY)
Interrelations of tissues in grafting and transplanting in plants and animals [with English summary in insert]. D. M. Shteinberg. Zool. zhur. 35 no. 6:793-803 Je '56.

TRANSPORTATION
Moralovich, IU. A. [Conquerors of space] Pokoriteli prostranstva. Moskva, Gos. izd-vo polit. lit-ry, 1956. 99 p.

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Alekseyevka; Czechoslovakia; Ukraine; Voznesensk)
Centralize automotive transport and freight haulage in the cities, provinces and districts of the country. Avt. transp. 34 no. 7:4-6 Jl '56.
Economic efficiency of centralizing automotive transport in state farms. N. Polunin. Avt. transp. 34 no. 7:6-7 Jl '56.
Eliminate small truck fleet enterprises and build up those of medium size. N. Antipov. Avt. transp. 34 no. 8:4-5 Ag '56.
Hauling logs by truck trailer on ice roads. M. I. Kiskinskii. Les. prom. 34 no. 9:4-7 S '56.
On the pattern of movement of truck trains. I. Barashkov. Avt. transp. 34 no. 7:12-14 Jl '56.
Polunin, N. I. [Work organization of automobile transportation on an hourly basis] Organizatsiia raboty avtotransporta po chasovomu grafiku. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 42 p. (Opyt novatorov avtotransporta)

TRANSPORTATION, AUTOMOTIVE (Continued)

Through-truck transport of freight in railroad packing cases. I. Sakharov, I. Davydov. Avt. transp. 34 no. 7:11 Jl '56.

We will bring out the harvest from the virgin lands on schedule. Avt. transp. 34 no. 7:1-3 Jl '56.

Zelenchuk, E.V., S.S.Kishchinskii, and M.V.Korogodskii. [Operations of truck columns far from regular bases; experience of leading automotive units of the Ministry of Automotive Transport and Highways of the Ukrainian SSR] Rabota avtomobil'nykh kolonn v otryve ot postoiannykh baz; iz opyta peredovykh avtokhoziaistv Ministerstva avtomobil'nogo transporta i shosseinykh dorog USSR. Izd. 2-oe, perer. i dop. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 83 p. (Obmen tekhnicheskim opytom avtokhoziaistv)

TRANSPORTATION, AUTOMOTIVE—CONGRESSES

Conference of efficiency innovators and inventors. Avt. transp. 34 no. 7:35 Jl '56.

TRANSPORTATION, AUTOMOTIVE—RECORDS AND CORRESPONDENCE

Let us regulate the certification of freight in automotive transportation. A. Shchetinin. Bukhg. uchet 15 no. 8:23-28 Ag '56.

TRANSPORTATION, MILITARY

Transport by railroad. V. Kutsenko. Voen. vest. 36 no. 9:84-88 S '56.

TRAPPING

Answers to readers' questions. Okh. i okh. khoz. no. 8: 63 Ag '56.

Nagaev, N.I. [Hunting ermine, mink, and polecats] Promysel gornostaia, kolonka i khoria. Pod red. S.V. Shibanova. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1956. 35 p. (Biblioteka promyslovogo okhotnika)

TRAVELERS

Materials on the ethnography of the peoples of Western Europe provided by Russian travelers (to the middle of the 19th century). I. N. Grozdova. Trudy Inst. etn. 30 no. 1:323-342 '56.

TRAVERSES (SURVEYING)

Finding gross errors in the angular measurements of traverse surveys and transit traverses. V. G. Pirogov. Geod. i kart. no. 3:34-36 My '56.

Marking traversing stations in cities by pairs of wall centers. K. A. Losev, I. V. Matveev. Geod. i kart. no. 4:31-37 Je '56.

Some problems in altitude traversing. V. F. Pavlov. Geod. i kart. no. 2:32-40 Ap '56.

TRAWLS AND TRAWLING

Trawling for codfish in waters off South Sakhalin. A. V. Leatev. Ryb. khoz. 32 no. 8:8-9 Ag '56.

Why did the ocean seiner perish. V. Saltovskaia, N. Skornikov. Mor. flot 16 no. 9:9-10 S '56.

TREATIES

Stipulations in international treaties. V. N. Durdenevskii. Sov. gos. i pravo no. 4:97-100 '56.

TREE TAPPING

Cut faces economically. P. I. Karpov. Gidroliz. i lesokhim. prom. 9 no. 6:23 '56.

Effect of the fifteen-year tapping on the quality of butt logs. V. P. Sinitskii, M. B. Akhromovich. Gidroliz. i lesokhim. prom. 9 no. 6:16-17 '56.

Introduce multistage timber tapping. M. P. Sergeev. Gidroliz. i lesokhim. prom. 9 no. 6:22-23 '56.

Selection of weak trees for tapping. S. F. Negrutskii. Gidroliz. i lesokhim. prom. 9 no. 6:18 '56.

TREES

(see also subdivision under Alma-Ata Province; Arctic regions)

Vanin, A.I. - [A guide to trees and shrubs] Opredelitel' derev'ev i kustarnikov. Moskva, Goslesbumizdat, 1956. 211 p.

TREES—DISEASES AND PESTS

Eliminating fall webworm niduses. I. A. Churaev. Zashch. rast. ot vred. i bol. 1 no. 2:45-48 My-Je '56.

New plant pests in Europe. M. P. Umnov. Zashch. rast. ot vred. i bol. 1 no. 2:50-52 My-Je '56.

TREMATODA

(see also subdivision under Dnieper Valley)

Data on the genus Allocreadium Looss. V. P. Koval'. Nauk. zap. Kiev. un. 8 no. 3:99-103 '49.

Digenetic trematoda of the genus Palaeorchis in Dnieper fishes. V. P. Koval'. Nauk. zap. Kiev. un. 8 no. 3:105-107 '49.

Structure of the reproductive system in Coitocoecum skrjabini Iw. 1929. V. P. Koval'. Nauk. zap. Kiev. un. 8 no. 3:91-97 '49.

Superparasitism of the metacercaria of Tetracotyle variegata (Creplin) in Ligulidae [with English summary in insert]. M. N. Dubinina. Zool. zhur. 35 no. 8:1139-1145 Ag '56.

TREPKOWSKI, TADEUSZ, d. 1954

Posters which don't age. Evgenii Vorob'ev. Inostr. lit. no. 9:261-267 S '56.

TRET'IAKOV, VASILII VLADIMIROVICH, 1864-

Feldsher Vasilii Vladimirovich Tret'iakov. G. Filatov. Fel'd. i akush. 21 no. 7:60-61 Jl '56.

TRIAL PRACTICE

Presentation of the case before the court by Soviet lawyers in criminal procedure. P. S. Bondarenko. Nauk. zap. L'viv. un. 27:89-97 '54.

TRIANGULATION

Accuracy in measuring angles in 2d and 3d class triangulation. L. P. Pellinen. Geod. i kart. no. 4:67-69 Je '56.

Effect of shifting of the theodolite telescope in its bearings on angle measurement readings. I. IA. Zagriadskii. Geod. i kart. no. 2:14-25 Ap '56.

Erection of masts on trees to be used as triangulation reconnaissance points. V. K. Pankrushin. Geod. i kart. no. 3:22-26 My '56.

Establishing state triangulation and topographic surveys at scales of 1:25,000 and 1:10,000. S. G. Sudakov. Geod. i kart. no. 3:7-17 My '56.

Observations at triangulation points in mountainous regions. D. A. Drennov. Geod. i kart. no. 1:35-38 Mr '56.

Precalculation of anticipated accuracy of aerial triangulation nets plotted on mechanically operated optical instruments. V. V. Vainauskas. Geod. i kart. no. 4:16-21 Je '56.

Refinement of coefficient values in formulas used for correction equations. D. A. Larin. Geod. i kart. no. 2:30-32 Ap '56.

Resection for determining errors in the junction of ground points of control. IU. A. Aladzhalov. Geod. i kart. no. 2:26-30 Ap '56.

Variation in methods used for determining time by the Dellin method. A. P. Kolupaev. Geod. i kart. no. 4:21-24 Je '56.

TRICHOMONIASIS

Laboratory diagnosis of trichomonad diseases. M. L. Kiseleva, G. V. Voskresenskaia. Lab. delo 2 no. 3: 14-16 My-Je '56.

TRICHOPTERA see Caddis flies

TRICKS

Chinese tricks. Translated from the Chinese by A. Akimov, E. Bubentsov. Klub 6 no. 9:29-30 S '56.

TRIGONOMETRICAL FUNCTIONS

Effectiveness and accuracy of tables of natural values of trigonometrical functions. E. G. Larchenko. Geod. i kart. no. 3:36-40 My '56.

TRILOBITES see subdivision under Siberia

TRILON B

Trilonometric method for determining the hardness of water under field conditions. N. K. Golovina, N. F. Koshelev. Voen.-med. zhur. no. 10:49-52 O '55.

TRIODES

Quadratic broken-line approximation for the grid characteristics of triodes. L. IA. Miziuk. Nauch. zap. IMA AN URSR. Ser. avtom. i izm. tekh. 5:213-219 '55.

TROEPOL'SKII, GAVRIL NIKOLAEVICH

About an important subject ("By the steep bank"; stories. G. Toropol'skii. Reviewed by V. Votnov). Mol. kolkh. 23 no. 9:10 Ag '56.

TROFIMOV, V.

N. Trofimov as Fikusov. Teatr 17 no. 8:137-138 Ag '56.

TROLLEY BUSES—REPAIRING

Rusov, V.A. [Innovations in the repair of trolley buses; work practice of the Third Trolley Bus Depot in Moscow] Novoe v remonte trolleibusov; iz opyta raboty Tret'ego trolleibusnogo depo g. Moskvy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 53 p.

TROLLEY WIRES see Electric current collectors

TROPICAL PLANTS see subdivision under Pamirs

TROUT see subdivision under Issyk Kul, Lake

TRUCKS, AUTOMOBILE see Motortrucks

TRUCKS, HAND see Hand trucks

TRUDVOSKII, KONSTANTIN ALEKSANDROVICH, 1826-1893

Militareva, L. [K. O. Trutovskii; a sketch of his life and work] K. O. Trutova'kyi; narys pro zhyttia ta tvorchist'. Kyiv, Mystetstvo, 1956. 34 p. (MH)

TRUSTS, INDUSTRIAL see subdivision under United States

TSAIDAM DEPRESSION, CHINA—NATURAL RESOURCES

Future of TSaidam. Chang Wen-tso. Vokrug sveta no. 9:16 S '56.

TSINAN, CHINA—MUSEUMS

Shantung Museum of Regional Studies. Shen Su-ju. Nar. Kit. no. 15:25-29 Ag '56.

TSINGTAO, CHINA—NATURAL HISTORY MUSEUMS

Museum of marine fauna and flora. Kitai no. 7:28-29 Jl '56.

TSKHALTUBO—HYDROTHERAPY

Bathing program and the activity of gases dissolved in TSkhaltubo waters. V. R. Katamadze. Klin. med. 34 no. 7:86-89 Jl '56.

TSYPKIN, GRIGORII SEMENOVICH, 1900-1956

G. S. TSypkin; obituary. Bum. prom. 31 no. 8:32 Ag '56.

TSYURUPINSK DISTRICT—WATER, UNDERGROUND

Conditions for the formation and balance of underground water in terraced sands in the southern part of the Ukrainian S. S. R. A. IA. Bellavskii. Nauk. zap. Kiev. un. 9 no. 10:131-138 '50.

TU FU, 712-770—MUSEUMS, RELICS, ETC.

Tu Fu Museum. Nar. Kit. no. 15:20 Ag '56.

TUAPSE—PETROLOGY

New data on the petrography of Cretaceous rocks from the Tuapse region. V. A. Grossgeim, K. F. Korotkova. Dokl. AN SSSR 108 no. 5:937-940 Je '56.

TUBERCULIN

Effectiveness of a twofold tuberculin test in swine. V. I. Rotov, V. I. Lebedev. Sots. tvar. 28 no. 10:61 O '56.

TUBERCULOSIS

(see also subdivision under Stanislav Province)

IArygin, N. E. [Pathomorphology of the vegetative nervous system in tuberculosis] Patomorfologiia vegetativnoi nervnoi sistemy pri tuberkuleze. Moskva, Gos. izd-vo med. lit-ry, 1956. 234 p. DAFM

Some clinical aspects of tuberculosis in diabetes mellitus. L. I. Vil'nianskii. Probl. endok. i gorm. 2 no. 3:64-68 My-Je '56.

Tracheobronchoscopy in tuberculosis of the lungs. M. Z. Borodulina. Fel'd. i akush. 21 no. 7:10-12 Jl '56.

TUBERCULOSIS—PREVENTION

Nezlin, S. E. [Prevention of tuberculosis through sanitation; for physicians and epidemiologists] Sanitarnaia profilaktika tuberkuleza dlia sanitarnykh vrachei i epidemiologov. Moskva, Medgiz, 1956. 177 p. (DAFM)

Tasks of sanitary and epidemic control stations in the control of tuberculosis. S. S. Kagan. Gig. i san. 21 no. 9:51-54 S '56.

TUBERCULOSIS—PREVENTIVE INOCULATION

Use of a dry antituberculosis vaccine from strain 19. V. I. Ivanova. Veterinariia 33 no. 9:34-36 S '56.

TUBERCULOSIS IN ANIMALS

Elimination of tuberculosis among animals. D. I. Potapov. Veterinariia 33 no. 9:23-26 S '56.

TUBERCULOSIS IN POULTRY

Eliminating tuberculosis among chickens on poultry farms. V. S. Fedoseev. Veterinariia 33 no. 9:26-30 S '56.

Eliminating tuberculosis in poultry at the Irtyshskii State Farm. P. S. Butyrina. Veterinariia 33 no. 10:29-32 O '56.

TUGBOATS

Determining tugboat resistance and capacity of the main engines in small vessels. (From "Schiffbautechnik" no. 1, no. 10, no. 12, 1955). G. M. Kudrevatyi. Sudostroenie 22 no. 7:38-41 Jl '56.

TULA—TECHNICAL EDUCATION

Communist Youth League group. G. Markovchin. Prof.-tekh. obr. 13 no. 7:26 Jl '56.

TULA PROVINCE—FOOD INDUSTRY

For whom the laws are not written. I. Serpichev. Sov. profsoiuzy 4 no. 7:49-51 Jl '56.

TULA PROVINCE—GAME PROTECTION

In forests near Tula. S. Tamman. Okh. i okh. khoz. no. 8:13-14 Ag '56.

TULA PROVINCE—PEASANTRY

From the history of organizing committees of poor peasants in Tula Province, July-August 1918. V. S. Bronshtein. Ist. arkh. no. 4:176-187 Jl-Ag '56.

TULA PROVINCE—REVOLUTION, 1917-1921

From the history of organizing committees of poor peasants in Tula Province, July-August 1918. V. S. Bronshtein. Ist. arkh. no. 4:176-187 Jl-Ag '56.

TULAREMIA

Correlation between the chemical structure of the specific substance of Bacterium tularense and the virulence of its culture. G. K. Shipitsina, O. S. Emel'ianova. Dokl. AN SSSR 109 no. 2:365-368 Jl '56.

Ecology of the tick Ixodes laguri laguri Ol. in connection with its role in sustaining natural reservoirs of tularemia [with English summary in insert]. V. P. Bozhenko, S. F. Shevchenko. Zool. zhur. 35 no. 6:837-842 Je '56.

TULAREMIA (Continued)
Effect of environmental factors on the susceptibility of house mice to tularemia [with English summary in insert]. M. P. Tereshchenko. Zool. zhur. 35 no. 8: 1250-1253 Ag '56.
Effect of streptomycin in experimental tularemia; therapeutic action of streptomycin in initial and intracutaneous inoculation; spread of germs in bodies of treated and untreated animals. E. V. Vlasova, N. P. Muzhenkova, K. I. Matveev. Zhur. mikrobiol. epid. i immun. 27 no. 9:28-34 S '56.
Epidemiological significance of sheep in tularemia. M. P. Tereshchenko and others. Zhur. mikrobiol. epid. i immun. 27 no. 9:34-37 S '56.
Industrial epidemic of tularemia among workers of a meat canning combine. S. M. Smirnov. Zhur. mikrobiol. epid. i immun. 27 no. 9:37-43 S '56.
Tularemia in foreign countries; brief review. N. G. Olsuf'ev. Zhur. mikrobiol. epid. i immun. 27 no. 9: 13-20 S '56.
Two cases of tularemia caused by the bite of the tick Rhipicephalus rossicus Jakim. et K. Jakim. V. P. Borodin and others. Zhur. mikrobiol. epid. i immun. 27 no. 9:49-51 S '56.

TULAREMIA—DIAGNOSIS
Tularin from a vaccinal strain for epicutaneous use. N. G. Olsuf'ev and others. Zhur. mikrobiol. epid. i immun. 27 no. 9:22-28 S '56.

TULAREMIA—PREVENTIVE INOCULATION
Agglutination and allergic reactions following revaccination against tularemia. V. V. Stesarenko, S. G. Bulalo. Zhur. mikrobiol. epid. i immun. 27 no. 9:44-48 S '56.
Properties of NIIEG dry living vaccine against tularemia and their relation to length of storage. I. L. Martinevskii. Zhur. mikrobiol. epid. i immun. 27 no. 9:20-22 S '56.

TUL'CHIN DISTRICT—LIBRARIES, RURAL
Seminars need more attention. M. Anikieiev. Sots. kul't. 10 no. 9:28 S '56.

TULUM DISTRICT—LUMBERING
Lights over the taiga; a sketch. L. Lifshits. Nov. Sib. 32:300-307 '55.

TUMANIAN, OVANES, 1869-1923
Bard of friendship among nations. V. Ordzhonikidze. Pioner no. 9:68-69 S '56.
Lyric verse of Tumanian. O. T. Ganalanian. Uch. zap. Erev. gos. russ. ped. inst. 4:77-114 '55.

TUMORS
The action of 4-aminopteroylaminoadipic acid, a new antagonist of folic acid and aminopterin, on 45 and M-1 rat sarcoma [with summary in English]. V. A. Kirsanova, N. A. Vodolazskaia. Vop. onk. 2 no. 3:320-331 '56.
Adsorbability of specific components of various tumors [with summary in English]. L. A. Liudogovskaia, T. D. Morgunova. Vop. onk. 2 no. 3:302-308 '56.
Basic questions on the etiology and growth of true tumors [with summary in English]. N. N. Petrov. Vop. onk. 2 no. 3:263-274 '56.
Diagnosis by microscopic and cytological examination of tumor punctates, tumorous formations, lymphatic nodes and other material. A. IA. Al'tgauzen. Lab. delo 2 no. 2:3-6 Mr-Ap '56.
Distribution of phosphorus compounds in acid-soluble fractions and protein fractions of different tumors [with summary in English]. I. A. Aksamitnaia. Vop. onk. 2 no. 3:315-319 '56.
Oncological characteristics of mice of the Afb leukosis strain [with summary in English]. L. L. Maliugina, N. N. Medvedev. Vop. onk. 2 no. 3:308-311 '56.
Restoration of phosphorus compounds in tumor tissue under the influence of roentgen rays [with summary in English]. N. V. El'tsina. Vop. onk. 2 no. 3:312-315 '56.

TUNA FISH see subdivision under Black Sea; Mediterranean Sea

TUNGSTEN
Investigation of the isotopic exchange between heavy water and certain tungsten aquopolycompounds. V. I. Spitsyn, IU. F. Berezkina. Dokl. AN SSSR 108 no. 6: 1088-1091 Je '56.

TUNGSTEN ALLOYS—METALLURGY
Improving the technology of producing hard alloys. V. Baranova. TSvet. met. 29 no. 7:88-90 Jl '56.

TUNGSTEN CHLORIDES
Thermodynamic studies of certain tungsten chloro derivatives. Part 1. Saturated vapor tension of tungsten hexa-, penta-, and oxytetrachlorides. S. A. Shchukarev, G. I. Novikov. Zhur. neorg. khim. 1 no. 3:357-361 Mr '56.

TUNING FORKS
Simple demonstration of vibrations. IU. I. Karkhanian. Nauk. zap. Kiev. un. 14 no. 6:231-232 '55.

TUNIS
Tunis, an independent state. Geog. v shkole 19 no. 4: 67-68 Jl-Ag '56.

TUNISIA—LABOR AND LABORING CLASSES
On the eve of creating the united trade union center. Bel'khassen Kiari. Vsem. prof. dvizh. no. 8:14-17 Ag '56.

TUNNELS
Approximate method for calculating circular tunnel shapes. M. M. Arkhangel'skii. Trudy NIIZHT no. 11: 333-350 '55.
Precast reinforced concrete in underground construction. S. N. Bobrovskii. Nov. tekh. i pered. op. v. stroi. 18 no. 9:5-8 S '56.

TUR-AYGYR RANGE—BOTANY
Materials on the flora of the Tur-Aygyr Range (eastern extremity of the Trans-Ili Ala-Tau). V. P. Goloskokov. Trudy Inst. bot. AN Kazakh. SSR 3:26-58 '56.

TURBINES
Chill casting of large size OF10-1 bronze bushings. A. F. Nasankin. Lit. proizv. no. 8:29-30 Ag '56.
Improving the operation of oil coolers. O. M. Nartysh. Elek. sta. 27 no. 7:53-54 Jl '56.
Operation conditions of heating turbines and their regulation. I. I. Gal'perin. Elek. sta. 27 no. 8:18-23 Ag '56.
Preventing the contamination of oil by water and oxidation in the oil system of turbines. V. I. Elistarkhov. Energetik 4 no. 9:10 S '56.
Turbines for low temperatures (From: Technische Rundschau No. 4 '55). K. Nolman. Teploenergetika 3 no. 8:51 Ag '56.

TURBINES—BIBLIOGRAPHY see Bibliography—Turbines

TURBODRILLS
(see also subdivision under Karadag)
Determining characteristics of turbine cascades of turbodrills. L. G. Kolpakov. Trudy MNI no. 16:148-167 '56.
Effect of the amount of fluid pumped on the mechanical rate and service duration of the bit in turbodrilling. A. E. Kuliev. Izv. AN Azerb. SSR no. 7:9-15 Jl '56.
Experimental determination of the deflection angle of the plane of the deflector to the reaction moment of the turbodrill. K. B. Shakhbazhekov, IU. V. Grachev. Trudy Azerb. ind. inst. no. 9:107-122 '55.
New type of turbine and bit. Azerb. neft. khoz. 35 no. 8: 38 Ag '56.
Possibilities of using small-size turbodrills for borehole investigations of structural geology. B. G. Liubimov. Neft. khoz. 34 no. 8:6-8 Ag '56.
Potentialities of turbodrilling. I. D. Kuprianov, IU. M. Tulupov. Neftianik 1 no. 4:6-8 Ap '56.
Power losses due to friction during rotary motion of disks of the turbodrill rotor in fluid. V. G. IAsov. Azerb. neft. khoz. 35 no. 3:20-22 Mr '56.
Simplified method for selecting the power of a diesel drive of pumps in turbodrilling. A. G. Vasil'ev. Azerb. neft. khoz. 35 no. 2:14 F '56.
Turbodrilling in heavy drilling fluids. E. I. Sukurenko. Neftianik 1 no. 4:12-14 Ap '56.

TURBOMACHINES
(see also subdivision under Novosibirsk)
Heating the lubricating oil before starting turbocompressors. A. V. Savinov. Energetik 4 no. 9:10-11 S '56.
"Work of the Section of Turbomachine Mechanics in 1955." L. O. Il'in. Prykl. mekh. 2 no. 2:232-233 '56.

TURGAY GATES—PALEOBOTANY
Results of a study of the Oligocene flora of the Turgay. V. S. Kornilova. Trudy Inst. bot. AN Kazakh. SSR 3:59-101 '56.

TURGAY GATES—TITANIUM
The Turgay titanium-bearing province. V. V. Lavrov. Vest. AN Kazakh. SSR 12 no. 9:9-20 S '56.

TURGAY GATES—XENOLITHS
Carbon xenoliths in effusive rocks. E. I. Tarakanova. Dokl. AN SSSR 109 no. 1:195-196 Jl-Ag '56.

TURKESTAN—REVOLUTION, 1917-1921
Uzbek S.S.R. TSentral'nyi gosudarstvennyi arkhiv Oktiabr'skoi revoliutsii i sotsialisticheskogo stroitel'stva. [Workers' control and the nationalization of industry in Turkestan (1917-1920); a collection of documents] Rabochii kontrol' i natsionalizatsiia promyshlennosti v Turkestane (1917-1920 gg.); sbornik dokumentov. Tashkent, Gos. izd-vo UzSSR, 1955. 295 p.

TURKEY—AGRICULTURE—HISTORY
Agrarian policy and the agricultural situation in Turkey during 1923-1929. A. S. Tveritinova. Krat. soob. Inst. Vost. no. 19:41-48 '56.

TURKEY—ARMY
The German military mission of von der Goltz in Turkey in 1882-1895. A. S. Silin. Uch. zap. po nov. i noveish. ist. no. 2:318-398 '56.

TURKEY—BANKS AND BANKING
The national banks of Turkey. IU. N. Rozaliev. Krat. soob. Inst. vost. no. 19:28-40 '56.

TURKEY—FOREIGN RELATIONS—GERMANY
The German military mission of von der Goltz in Turkey in 1882-1895. A. S. Silin. Uch. zap. po nov. i noveish. ist. no. 2:318-398 '56.

TURKEY—INVESTMENTS, FOREIGN
Foreign capital in Turkey. A. M. Valuiskii. Krat. soob. Inst. vost. no. 19:72-77 '56.

TURKEY—TAXATION
Increase in taxes in Turkey during the Second World War. P. P. Moiseev. Krat. soob. Inst. vost. no. 19: 49-56 '56.

TURKEYS
High egg production of turkeys. V. A. Shlapak, A. A. Voronkina. Ptitsevodstvo 6 no. 9:17-18 S '56.

TURKIC LANGUAGES—ALPHABET
Question of unification of Turkic alphabets in the U. S. S. R. [with English summary in insert]. A. K. Borovkov. Sov. vostokoved. no. 4:101-110 '56.

TURKISH LANGUAGE—GRAMMAR
Kononov, A. N. [A grammar of the modern Turkish literary language] Grammatika sovremennogo turetskogo literaturnogo iazyka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 560 p.

TURKMENISTAN—ARTEMISIA
Biology of Artemisia badghysii and the results of its introduction into cultivation. N. T. Nechaeva, S. IA. Prikhod'ko. Bot. zhur. 41 no. 6:830-854 Je '56.

TURKMENISTAN—GEOLOGY, STRUCTURAL
Evidence of present-day movements in the landscapes of salt planes. B. V. Vinogradov, V. P. Miroshnichenko. Dokl. AN SSSR 109 no. 2:369-372 Jl '56.

TURKMENISTAN—HISTORY
Rostiakov, A. A. [Brief outline history of Turkmenistan; before its annexation to Russia] Kratkii ocherk istorii Turkmenistana; do prisoedineniia k Rossii. Ashkhabad, Turkmenskoe gos. izd-vo, 1956. 104 p.

TURKMENISTAN—HORSE BREEDS
Valuable breed. G. Nechiporenko. Konevodstvo 26 no. 8:12-21 Ag '56.

TURKMENISTAN—SCIENCE
Akademiia nauk Turkmenskoi SSR, Ashkhabad. [Transactions of the third session of the Turkmen Academy of Sciences; May 3-6, 1952] Trudy tret'ei sessii...; 3-6 maia 1952 g. Pod obshchei red. T. B. Berdyeva. Ashkhabad, 1953. 232 p.

TURKMENISTAN—SERPENTS
Tarbophis rhinopoma Blanford, a snake species recently found in the U. S. S. R. O. P. Bogdanov, V. D. Potapol'skii. Dokl. AN SSSR 109 no. 5:977-978 Ag '56.

TURKMENISTAN—WEEDS
Weeds as sources of infection of cultivated plants with root rot caused by the fungus Rhizoctonia Aderholdii (Ruhl) L. Koloschina. L. M. Koloshina. Uch. zap. Kish. un. 13:219-226 '54.

TURNING
Device for machining the packing surface in the valve body. I. I. Gubanov. Energetik 4 no. 9:14 S '56.
Interfactory school of progressive practice. N. Leonov. Mol. komm. 14 no. 8:25-27 Ag '56.
Meeting with an innovator turner. A. Asvarov. Prof.-tekh. obr. 13 no. 9:27 S '56.

TURNOVER TAX see Sales tax

TURPENTINE
Composition of turpentine in Siberian larch. L. I. Bardyshev, L. I. Ukhova, Kh. A. Cherches. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:123-126 '56.

TURPENTINE—PHYSIOLOGICAL EFFECT
Effect of Ginseng on the intensity of leucocytosis and hyperthermia in rabbits produced by subcutaneous administration of milk and turpentine. N. K. Fruentov. Mat. k izuch. zhen'-shenia i lim. no. 2:147-155 '55.

TURTLES
(see also subdivision under Ukraine)
Extracardiac nerves in turtles. B. M. Erez. Dokl. AN Tadzh. SSR no. 15:105-111 '56.
Muscular haemoglobin in Testudo horsfieldi. P. A. Korzhuev, G. V. Kruglova. Dokl. AN SSSR 108 no. 6: 1173-1175 Je '56.

TUVA AUTONOMOUS PROVINCE—GEOLOGY, STRATIGRAPHIC
New data on the age of the hatide deposits of Tuva (Devonian period). A. I. Levenko. Dokl. AN SSSR 109 no. 5:1015-1018 Ag '56.

TUVA AUTONOMOUS PROVINCE—PETROLEUM
Petroleum of Tuva. S. I. Mironov, M. N. Sokolova. Trudy Inst. neft. 8:3-7 '56.

TUVA AUTONOMOUS PROVINCE—SPRINGS
At the hot springs of Tuva. P. F. Cherkashin. Zdorov'e 2 no. 9:9 S '56.

TUYMAZY—KEROSENE
Chromatographic adsorption analysis used for studying sulfur compounds of kerosine of Tuymazy Devonian petroleum. A. S. Sosnina. Trudy Inst. neft. 8:68-75 '56.

TUYMAZY—PETROLEUM—ANALYSIS
Composition and properties of petroleum high molecular weight compounds. Article 3: Study of the composition and properties of the tarry portion of Tuymazy (Devonian) petroleum. S. R. Sergienko and others. Trudy Inst. neft. 8:35-41 '56.

2, 4-D
Changes in grass stands and soil brought about by the chemical control of shrubs in pastures. V. P. Bel'kov, M. G. Zeland. Agrobiologiia no. 4:128-132 Jl-Ag '56.
Pharmacology of a preparation of 2, 4-dichlorophenoxy-acetic acid. E. N. Guseva. Farm. i toks. 19 no. 4:41 Jl-Ag '56.
Use of 2, 4-D for clearing pastures of shrubs. T. Rabotnov. Kolkh. proizv. 16 no. 9:25 S '56.

TYCHYNA, PAVLO HRYHOROVYCH, 1891-
"Funeral of a friend"; a poem. P. H. Tychyna, IA. Kh. TSehel'nyk. Nauk. zap. L'viv. un. 19:120-139 '51.

TYPE AND TYPE FOUNDING
Standardization and mechanization in melting type alloys. Sh. M. Koganzov. Poligr. proizv. no. 4:14-15 Jl-Ag '56.

TYPHOID FEVER
Functional state of the central nervous system in typhoid fever. M. A. Zeitlenok. Klin. med. 34 no. 7:91 Jl '56.
Preliminary data on the development of bacterial carriage in the typhoid-paratyphoid diseases. G. M. Kapnik, L. I. Kapnik, IA. E. Timen. Zhur. mikrobiol. epid. i immun. 27 no. 8:77-83 Ag '56.
Role of receptive zones in immunogenesis in intestinal infections. A. S. Gromov. Zhur. mikrobiol., epid. i immun. 27 no. 8:107-108 Ag '56.
Typhoid fever. E. M. Likhacheva. Med. sestra 15 no. 7: 11-15 Jl '56.

TYPHUS FEVER
Effect of antibiotics on immunologic processes and on freeing the organism of Rickettsia in typhus. K. M. Loban, E. P. Savitskaia. Zhur. mikrobiol., epid. i immun. 27 no. 8:102-107 Ag '56.
Vidal's reaction in typhus. D. Kh. Sultanova. Lab. delo 2 no. 3:21-22 My-Je '56.

TYRAMINE
Oxidation and metabolism of adrenaline in the adrenals, and kidneys and the neural regulation of these processes. Report no. 2: Effect of urea and tyramine on the oxidation of adrenaline. A. V. TSukernyk. Ukr. biokhim. zhur. 20 no. 3:338-353 '56.

TYROSINE
Complex compounds of bivalent platinum with tyrosine. L. M. Volshtein, N. S. Velikanova. Zhur. neorg. khim. 1 no. 1:40-52 [Jan.] '56.
The proteolytic action of renin preparations [with English summary in insert]. IA. A. Serebrovskaia. Biokhimiia 21 no. 4:461-464 Jl-Ag '56.
Synthesis of phenylalanine and tyrosine peptides by chymotrypsine. N. N. Lestrovaia, S. R. Mardashev. Vop. med. khim. 2 no. 4:294-298 Jl-Ag '56.

UDDER
Conditioned reflex changes in the temperature of the udder of goats. A. D. Vladimirova. Dokl. AN SSSR 109 no. 5:1061-1064 Ag '56.

UFA—SNOW
Late spring firns and their effect on relief formation in the vicinity of Ufa. E. I. Kadil'nikova. Uch. zap. Bash. gos. ped. inst. no. 6:44-55 '55.

UFA—WEATHERING
Late spring firns and their effect on relief formation in the vicinity of Ufa. E. I. Kadil'nikova. Uch. zap. Bash. gos. ped. inst. no. 6:44-55 '55.

UGARITIC LANGUAGE—CRITICISM, TEXTUAL
Interpretation of the Ugaritic text "Birth of the gods." V. V. Struve. Palest. sbor. no. 2:3-11 '56.

UHERSKY BROD, CZECHOSLOVAKIA—MUSEUMS
In the Museum of J. A. Comenius. Sov. pedag. 20 no. 8: 128-129 Ag '56.

UKRAINE—ACCLIMATIZATION (PLANTS)
Progress and prospects in the acclimatization of trees in the Ukraine. Report no. I. A. L. Lypa. Nauk. zap. Kiev. un. 12 no. 7:77-92 '53.

UKRAINE—AERIAL PHOTOGRAMMETRY
Results of the Ukrainian Aerial Geodetic Institute of the Main Administration of Geodesy and Cartography in producing photomaps for terrain showing significant altitude differences. R. E. Venglinskii. Geod. i kart. no. 3:17-20 My '56.

UKRAINE—AERONAUTICS, COMMERCIAL
Aviation personnel of the Ukraine discover the potentialities of production. V. Zuev, A. Kazakov, E. Derbeglav. Grazhd. av. 13 no. 8:30-31 Ag '56.

UKRAINE—AGRICULTURE
Power over the soil. I. Vol'per. Pionerita 33 no. 9:7-8 S '56.
Reduce labor expenditure per unit in agriculture. I. Lukinov. Kom. Ukr. 31 no. 7:24-34 Jl '56.
System of agriculture in the Ukraine. M. Spivak. Sots. sel'khoz. 27 no. 6:3-14 '56.

UKRAINE—ALLIED INTERVENTION, 1918-1920
Struggle of the workers in the southern Ukraine against English-French-American intervention. A. I. Iliadkovskaia. Nauk. zap. L'viv. un. 25:55-69 '53.

UKRAINE—APARTMENT HOUSES
On the types of apartment houses for districts of the southern Ukraine. E. Tokareva. Arkhit. SSSR no. 8:21 '56.
Status and tasks of standard planning in the Ukraine. I. Holets'. Arkhit. i bud. 4 no. 1:3-5 Ja-F '56.

UKRAINE—ARCHITECTURE
In the local branches of the Union of Ukrainian Architects. Arkhit. i bud. 4 no. 2:31 Mr-Ap '56.
In the State Committee of the Council of Ministers of the Ukrainian S. S. R. for Problems of Building and Architecture. Arkhit. i bud. 4 no. 1:28-29 Ja-F '56.
In the Union of Ukrainian Architects. Arkhit. i bud. 4 no. 3:29 My-Je '56.

UKRAINE—ARCHITECTURE—DESIGNS AND PLANS
In the Academy of Architecture of the Ukrainian S. S. R. Arkhit. i bud. 4 no. 3:28 My-Je '56.

UKRAINE—ARCHITECTURE, DOMESTIC
Designs and real life. Z. Petrova. Arkhit. i bud. 4 no. 4:14-15 Jl-Ag '56.
New dwelling designs for Ukrainian villages. M. Kolomiiets', I. V. Pan'ko, V. Samoilovych. Arkhit. i bud. 4 no. 4:11-13 Jl-Ag '56.

UKRAINE—AZOTOBACTER
Distribution and activity of Azotobacter in the irrigated and nonirrigated districts of the southern Ukraine. P. A. Vlasiuk, K. M. Dobrotvorskaia, V. M. Gribanov. Nauk. zap. Kiev. un. 12 no. 7:13-20 '53.

UKRAINE—BATS
Bats in Transcarpathia and other western provinces of the Ukrainian S. S. R. V. I. Abelentsev. Nauk. zap. Kiev. un. 9 no. 6:69-74 '50.

UKRAINE—BEE CULTURE
Payment for the labor of beekeepers on leading collective farms. V. K. Pel'menev. Sots. tvar. 28 no. 9:14-15 S '56.

UKRAINE—BENTONITE
Pekun, IU. F. [Mineralogy of bentonite clays of the western Ukrainian provinces] Mineralogiia bentonitovykh glin zapadnykh oblastei USSR. [L'vov] Izd-vo L'vovskogo univ., 1956. 114 p.

UKRAINE—BIOCHEMISTRY
Problems of biochemistry at the Fifth Congress of the Ukrainian Society of Physiologists, Biochemists, and Pharmacologists. M. Haleyns'ka. Ukr. biokhim. zhur. 28 no. 3:372-379 '56.

UKRAINE—BIOLOGICAL RESEARCH
Approbation of the topic plan of scientific research for institutions of the Department of Biology in 1956-1960. Visnyk AN URSR 27 no. 8:74-76 Ag '56.

UKRAINE—BIRDS
Destruction of birds on the highways of the Ukrainian S. S. R. L. A. Babenko. Nauk. zap. Kiev. un. 13 no. 12: 87-91 '54.

UKRAINE—BOOKSELLERS AND BOOKSELLING
Bookselling; information notes. Sots. kul't. 10 no. 9:29 S '56.
Make wider use of young specialists. D. Tishchenko, M. Gluzman. Sov. knizh. torg. no. 9:8-9 S '56.
Ukrainian book-trade workers speak. Sov. knizh. torg. no. 9:14 S '56.

UKRAINE—BOTANICAL GARDENS
Pharmaceutical, botanical, and acclimatization gardens in the Ukraine as introduction centers. O. L. Lypa. Nauk. zap. Kiev. un. 7 no. 6:47-66 '48.

UKRAINE—BUILDING
Clay houses with walls of moist filling. V. Holosov, M. Kolomiiets', O. Cherepova. Arkhit. i bud. 4 no. 1:15-18 Ja-F '56.
In the State Committee of the Council of Ministers of the Ukrainian S. S. R. for Problems of Building and Architecture. Arkhit. i bud. 4 no. 1:28-29 Ja-F '56.

UKRAINE—BUTTERFLIES
Biology and ecology of Pieris brassicae L. K. L. Shishkin. Nauk. zap. Kiev. un. 9 no. 6:151-153 '50.

UKRAINE—CARTOGRAPHY
Improvement of precision reproductive work in the Ukrainian Aerial Geodetic Institute. R. E. Venglinskii, P. IA. Korotkov. Geod. i kart. no. 1:66-68 Mr '56.

UKRAINE—CHEMISTRY, INORGANIC
Second Ukrainian National Conference on inorganic chemistry. I. A. Sheka. Zhur. neorg. khim. 1 no. 5: 1123-1125 My '56.

UKRAINE—CITIES AND TOWNS—CIVIC IMPROVEMENT
Speed up the organization of public services and landscape gardening in Ukrainian residential settlements. O. Kas'ianov, H. Frumin. Arkhit. i bud. 4 no. 2:10-12 Mr-Ap '56.

UKRAINE—CITY PLANNING
Unification of the technical and economic basis for city planning designs. H. Frumin. Arkhit. i bud. 4 no. 4: 13-14 My-Je '56.

UKRAINE—CLAY
Clay houses with walls of moist filling. V. Holosov, M. Kolomiiets', O. Cherepova. Arkhit. i bud. 4 no. 1:15-18 Ja-F '56.

UKRAINE—CLIMATE
History of studying the climate of the Ukraine. D. P. Nezdiurov, I. K. Polovko, M. I. Shcherban'. Nauk. zap. Kiev. un. 13 no. 3:75-90 '54.
Microclimate of the Kamenskiy irrigated massif. G. P. Dubinskii. Trudy Ukr. NIGMI no. 3:47-55 '55.

UKRAINE—CLIMATOLOGY, MEDICAL
Operational characteristics of the bioclimatological service in health resorts of the Ukrainian S. S. R. K. V. Kolomiets. Trudy Ukr. NIGMI no. 3:92-97 '55.

UKRAINE—COMMERCE
From Ukraine to Moscow. K. Barykin. Ukraina no. 16:6 Ag '56.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION
Party news. Kom. Ukr. 31 no. 7:79-80 Jl '56.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES
Kommunisticheskaia Partiia Ukrainy. 19. s'ezd, Kiev, 1956. [The proceedings of the 19th Congress of the Communist Party of the Ukraine] Materialy z'izdu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1956. 239 p.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Improve guidance methods, bringing them closer to life. D. Suprun. Kom. Ukr. 31 no. 7:35-41 Jl '56.

UKRAINE—CONSTRUCTION INDUSTRY
In the State Construction Office of the Ukrainian S. S. R. Arkhit. i bud. 4 no. 2:30-31 Mr-Ap '56.
In the State Construction Office of the Ukrainian S. S. R. Arkhit. i bud. 4 no. 4:27-28 My-Je '56.
Strive constantly to improve the quality of construction work. Arkhit. i bud. 4 no. 3:1-3 My-Je '56.
Triumph of Soviet builders. Arkhit. i bud. 4 no. 4:1-2 Jl-Ag '56.

UKRAINE—CORN (MAIZE)
Corn is the key crop in providing cattle with a feed supply. I. Profatilov. Kolkh. proizv. 16 no. 8:5-6 Ag '56.
Ukrainian collective farms are striving for high corn yields. M. S. Spivak. Kukuruza 1 no. 2:5-9 My '56.

UKRAINE—CULTURE
Brief news on culture and art. Vitchyzna 24 no. 9:187-189 S '56.
Brief news of art and culture. Vitchyzna 24 no. 10:189-191 O '56.
Ukraine'kyi tekhnichno-hospodars'kyi institut. [Ukrainian culture; a course of lectures no. 84] Ukraine'ka kul'tura; kurs lektsii ch. 84. Za red. Dmytra Antonovycha. Regensburg, 1947. 399 p.

UKRAINE—DAIRYING
Lower the amount of labor expended for the production of a centner of milk on state farms. A. F. Chaikovs'kyi. Sots. tvar. 28 no. 9:7-12 S '56.

UKRAINE—DEER
Restoring the population of deer in the Ukraine. V. Krainev. Okh. i okh. khoz. no. 8:27 Ag '56.

UKRAINE—DESCRIPTION AND TRAVEL
Land where Franko used to walk. Nikolai Kostenko. Sov. Ukr. 6 no. 8:129-135 Ag '56.

UKRAINE—ECONOMIC CONDITIONS
Socialist distribution of productive forces in the U. S. S. R.; place of the Ukraine in the national economy of the Soviet Union. K. P. Piarlit. Nauk. zap. Kiev. un. 13 no. 3:5-42 '54.
Soviet Ukraine in the fraternal family of the peoples of the U. S. S. R. A. T. Vashchenko, S. L. Lutskii. Nauk. zap. L'viv. un. 28:5-23 '54.
"Ukrainian Soviet Socialist Republic." Ol. T. Dibrova. Reviewed by N. Koviazin, D. Pinkhenson. Geog. v shkole 19 no. 4:75 Jl-Ag '56.

UKRAINE—ECONOMIC GEOGRAPHY
New wall map representing the economic geography of the Ukraine and the Moldavian S. S. R. used in secondary schools. L. M. Koretskii, L. K. Marzhvinskaia. Geod. i kart. no. 3:54-57 My '56.

UKRAINE—ECONOMIC POLICY

Magnificient program for the building of communism. Arkhit. i bud. 4 no.2:1-2 Mr-Ap '56.

UKRAINE—EDUCATION

From the provincial "Pedagogical lectures." Rad. shk. 35 no.9:60-63 S '56.

Improve the guidance of national education. P. L.Myrhorods'kyi. Rad. shk. 35 no.9:3-10 S '56.

UKRAINE—EDUCATION, HIGHER

Results of the graduate student scientific conferences. Visnyk AN URSR 27 no.8:78 Ag '56.

UKRAINE—EELS

The common eel in the Dnieper near Kiev. IU. I. Pashchenko. Nauk. zap. Kiev. un. 13 no.12:135-136 '54.

UKRAINE—EUROPEAN WAR, 1914-1918

Mirchuk, Petro. [Tragic victory] Trahichna peremoha. Toronto, Liga vyzvolennia Ukrainy, 1954. 63 p.

UKRAINE—EURYGASTERS

New methods for chemical control of Eurygoster integriceps. M. D. Taranukha. Visnyk AN URSR 27 no. 7: 64-71 '56.

UKRAINE—FARM BUILDINGS

Designs and real life. Z. Petrova. Arkhit. i bud. 4 no.4:14-15 Jl-Ag '56.

New dwelling designs for Ukrainian villages. M. Kolomiiets', I. V. Pan'ko, V. Samoilovych. Arkhit. i bud. 4 no.4:11-13 Jl-Ag '56.

UKRAINE—FEEDING AND FEEDING STUFFS

Provide livestock with an abundant supply of feed. Sots. tvar. 28 no.9:3-6 S '56.

UKRAINE—FERTILIZERS AND MANURES

Applying fertilizers to Sudan grass and Italian millet in steppes of the Ukrainian S. S. R. A. P. Girenko. Ud. i ur. 1 no.8:43-49 Ag '56.

UKRAINE—FIELD HANDBALL

Most popular game; field handball with a team of seven in the Ukraine. E. Ivakhin. Sp. igry 2 no.6:21-22 Je '56.

UKRAINE—FLEA BEETLES

Description of a new species of flea beetle (Coleoptera, Chrysomelidae) from the Ukrainian S. S. R. D. S. Shapiro. Ent. oboz. 35 no.1:152-153 '56.

UKRAINE—FLEAS

Materials for studying the fleas of the Ukraine. T. I. Diatlova. Nauk. zap. Kiev. un. 9 no.6:145-149 '50.

UKRAINE—FORAGE PLANTS

Economic evaluation of forage crops. S. Kutikov. Sots. sel'khoz. 27 no.6:15-26 '56.

UKRAINE—FORESTS AND FORESTRY

In Ukrainian forests. Mykhailo Chabanivs'kyi. Ukraina no.17:8-9 S '56.

UKRAINE—FUNGI

Materials on the mycoflora in the western part of the Kiev forest-steppe region. Z. G. Lavitskaia. Nauk. zap. Kiev. un. 12 no.7:97-114 '53.

UKRAINE—FUNGI IN AGRICULTURE

A disease of corn ears. F. IE. Nemilienko. Mikrobiol. zhur. 18 no.3:48-53 '56.

Fungi on spring wheat roots. M. I. Homoliako. Mikrobiol. zhur. 18 no.3:12-24 '56.

UKRAINE—GAS, NATURAL

Petroleum and gas of the Ukraine. Azerb. neft. khoz. 35 no.8:5 Ag '56.

UKRAINE—GEODESY

Improvement of precision reproductive work in the Ukrainian Aerial Geodetic Institute. R. E. Venglinskii, P. IA. Korotkov. Geod. i kart. no.1:66-68 Mr '56.

UKRAINE—GEOGRAPHY, HISTORICAL

Geographical data about the Ukrainian territory in "The book of the great chart." V. P. Pavlova. Nauk. zap. Kiev. un. 13 no.3:187-194 '54.

UKRAINE—GEOLOGY, STRATIGRAPHIC

From materials of facial observations. O. D. Serhelov. Nauk. zap. Kiev. un. 13 no.4:107-124 '54.

Stratigraphy of shallow Paleocene depositions based on nummulite fauna in the Ukraine. M. V. IArtseva. Nauk. zap. Kiev. un. 13 no.4:21-38 '54.

UKRAINE—GRANITE

Age relationships of granite intrusions of the Ukraine on the basis of argon method data. E. K. Gerling. Biul. Kom. po opr. abs. vozr. geol. form. no.1:5-8 '55.

UKRAINE—GRAVITATION

Analysis of the effect of formation boundaries on the gravitational field in the Moldavian S. S. R. and adjacent provinces of the Ukrainian S. S. R. K. A. Hura. Nauk. zap. Kiev. un. 13 no.4:183-197 '54.

UKRAINE—HEALTH RESORTS, WATERING PLACES, ETC.

Operational characteristics of the bioclimatological service in health resorts of the Ukrainian S. S. R. K. V. Kolomiets. Trudy Ukr. NIGMI no.3:92-97 '55.

UKRAINE—HISTORY

Articles on history in the "Trudy" of Ukrainian universities and pedagogical institutes. V. E. Shutoi, A. F. Chmyga. Vop. ist. no.7:128-142 Jl '56.

Creation of the Ukrainian state during the national liberation war of 1648-1654. Ark. P. Tkach. Nauk. zap. Kiev. un. 13 no.5:17-34 '54.

Economic and cultural relations of the western Ukraine with Russia in the 17th century. I. I. Svarychevs'kyi. Nauk. zap. L'viv. un. 28:111-116 '54.

Historical significance of the Pereyaslavl' Council, January 8 (18), 1654. V. A. Diadichenko. Trudy Ukr. NIGMI no.3:5-13 '55.

Ivan Franko on Polish-Ukrainian relations and on Polish history. F. P. Shevchenko. Nauk. zap. Inst. ist. AN URSR 8:51-79 '56.

The movement of the Haydamaki for Zaporozhye at the time of the "kolivshchina" and the peasant uprising led by E. I. Pugachev. V. A. Golobutskii. Ist. zap. no. 55:310-343 '56.

Reunion of the Ukrainian people in a united Ukrainian Soviet socialist state. G. K. Matveev. Nauk. zap. Kiev. un. 13 no.5:35-55 '54.

Significance of the Pereyaslav assembly in international law. V. I. Lisovskii. Nauk. zap. Kiev. un. 13 no.5:5-15 '54.

Soviet Ukraine in the fraternal family of the peoples of the U. S. S. R. A. T. Vashchenko, S. L. Lutskii. Nauk. zap. L'viv. un. 28:5-23 '54.

Ukrainian Cossack regiments and Ukrainian militia in the battles of the Patriotic War of 1812. H. IU. Herbil's'kyi. Nauk. zap. L'viv. un. 25:90-111 '53.

UKRAINE—HYDROLOGY

Graphs of the influx of high spring waters in rivers of the Ukrainian S. S. R. I. A. Zheleznlak. Trudy Ukr. NIGMI no.3:120-135 '55.

UKRAINE—IBIS

Biology and distribution of the glossy ibis (Plegadis falcinellus L.) in the Ukraine. L. A. Smogorzhevskii. Nauk. zap. Kiev. un. 12 no.7:173-177 '53.

UKRAINE—IODINE

Iodine map of the Ukrainian S. S. R. P. S. Savchenko. Dokl. AN SSSR 108 no.5:889-891 Je '56.

UKRAINE—IRRIGATION

Microclimate of the Kamenskiy irrigated massif. G. P. Dubinskii. Trudy Ukr. NIGMI no.3:47-55 '55.

UKRAINE—LIZARDS

Distribution and ecology of the arguta lizard (Eremias arguta Pall.) in the Ukraine. IU. I. Pashchenko, V. A. Mezhzherin. Nauk. zap. Kiev. un. 13 no.12:133-134 '54.

Distribution of the Crimean lizard (Lacerta taurica Pallas, 1813) in the Ukraine. L. A. Smogorzhevskii. Nauk. zap. Kiev. un. 12 no.3:95 '53.

UKRAINE—MEAT INDUSTRY

Meat combines of the Ukraine on the eve of the slaughtering season. S. Kirik. Mias. ind. SSSR 27 no.4: 6-10 '56.

UKRAINE—METEOROLOGY

Creative cooperation of climatologists of the two sister nations. I. E. Buchinskii. Trudy Ukr. NIGMI no.3:14-20 '55.

UKRAINE—METEOROLOGY, AGRICULTURAL

Work practices of agrometeorological posts in collective farms, state farms, and machine-tractor stations of the Ukrainian S. S. R. T. K. Bogatyr'. Meteor. i gidrol. no.7:37-39 Jl '56.

UKRAINE—NATURAL RESOURCES

On the activities of the Council for Studying Production Forces of the Ukrainian S. S. R. of the Academy of Sciences of the Ukrainian S. S. R. and the plan for problems and topics for research in 1956. Visnyk AN URSR 27 no.7:75-77 '56.

UKRAINE—NUMMULITES

Stratigraphy of shallow Paleocene depositions based on nummulite fauna in the Ukraine. M. V. IArtseva. Nauk. zap. Kiev. un. 13 no.4:21-38 '54.

UKRAINE—NUTCRACKERS (BIRDS)

Migration of the slender-billed nutcrackers (Nucifraga caryocatactes macrorhynchos) Brehm in the Ukraine in recent years. V. M. Artobolevskii. Nauk. zap. Kiev. un. 9 no.6:161 '50.

UKRAINE—OAK

Memorial oak. S. I. Ivchenko. Priroda 45 no.9:115 S '56.

UKRAINE—OIL FIELDS

Petroleum and gas of the Ukraine. Azerb. neft. khoz. 35 no.8:5 Ag '56.

UKRAINE—PARASITES—BATS

Ectoparasites of chiroptera in the Ukraine. T. I. Diatlova. Nauk. zap. Kiev. un. 12 no.3:97 '53.

UKRAINE—PARASITES—FISHES

Parasites of fishes seldom found in the Ukrainian S. S. R. M. A. Palii. Dop. ta pov. L'viv. un. no.5, pt.2:17-19 '53.

UKRAINE—PARASITOLOGY

Results of combatting parasitic diseases in the Ukraine during the period 1951-55, tasks for 1956-60, and the plan for 1956. K. P. Selivanov. Med. paraz. i paraz. bol. 25 no.3:207-209 Jl-S '56.

UKRAINE—PARASITOLOGY—SOCIETIES

Foundation of the Ukrainian Republic Scientific Society of Parasitology. Visnyk AN URSR 27 no.7:77-78 '56.

UKRAINE—PARKS

Green zones in cities and settlements. V. Novikov. Arkhit. i bud. 4 no.4:16-18 Jl-Ag '56.

UKRAINE—PEASANTRY—HISTORY

Ivan Franko as a historian of the Ukrainian peasantry. I. O. Hurzhii. Nauk. zap. Inst. ist. AN URSR 8:34-50 '56.

UKRAINE—PETROLEUM

Underground power in the Ukraine. Oleksa Nosenko. Vitchyzna 24 no.9:73-86 S '56.

UKRAINE—PHEASANTS

Acclimatization of pheasants (Phasianus colchicus L.) in the Ukrainian S. S. R. A. B. Kistiakovskii, G. IA. Agafonova. Nauk. zap. Kiev. un. 13 no.12:73-80 '54.

UKRAINE—PHILOSOPHY

Scientific publications of the Institute of Philosophy of the Academy of Sciences of the Ukrainian S. S. R. A. Pavelko, V. Peroderii, V. Voitko. Kom. Ukr. 31 no.7:53-60 Jl '56.

UKRAINE—PHYSICAL EDUCATION AND TRAINING

Young, strong, and adroit. I. Hryhor. Zmina no.8:22-23 Ag '56.

UKRAINE—POULTRY

Increase the production of poultry products in the Ukraine. IA. S. Pashchenko. Pttisevodstvo 6 no.8:9-12 Ag '56.

UKRAINE—PRECIPITATION (METEOROLOGY)

Chemical composition of atmospheric precipitations in the north-eastern part of the Ukraine. P. V. Denisov, A. L. Bugaev. Dokl. AN SSSR 108 no.5:870-871 Je '56.

UKRAINE—PRINTING INDUSTRY

Personnel in the printing industry. IA. Gen. Sov. Ukr. 6 no.8:191-192 Ag '56.

UKRAINE—RACCOON DOG

The raccoon dog (Nyctereutes procyonoides) in the Ukraine. A. P. Korneev. Nauk. zap. Kiev. un. 13 no. 12:13-72 '54.

UKRAINE—RATS

Distribution of the black rat in the Ukrainian S. S. R. L. L. Girenko. Nauk. zap. Kiev. un. 9 no.6:175-95 '50.

UKRAINE—RECEIVING STOLEN GOODS

Receiving stolen goods in cases of theft of state and communal property and article 72 of the penal code of the Ukrainian S. S. R. S. M. Gofman. Nauk. zap. L'viv. un. 27:63-68 '54.

UKRAINE—RECLAMATION OF LAND

Formation of meadows on peat soils on collective farms of the U. S. S. R. N. A. Tiulenev. Zemledelie 4 no.9: 103-106 S '56.

Reclamation of new lands in western provinces of the Ukrainian S. S. R. is an important resource for the development of agriculture. A. T. Vashchenko. Dop. ta pov. L'viv. un. no.5, pt.2:46-49 '55.

UKRAINE—REDSTARTS

Spreading of the black redstart (Phoenicurus ochruros Gmel.) toward the east in the postwar period. M. A. Voinstvenskii. Nauk. zap. Kiev. un. 9 no.6:164 '50.

UKRAINE—RELIGION

Atheism of the people ("Holy bell clapper"; Ukrainian atheistic folklore. Reviewed by V. Khomenko). Sots. kul't. 10 no.9:46 S '56.

UKRAINE—REPATRIATION

Fulfilled dreams. Ivan Diak. Zhovten' 6 no.8:122-123 Ag '56.

UKRAINE—REVOLUTION, 1917-1921

American imperialists were the organizers and inspirers of the occupation of the western Ukraine by Polish landowners. O. H. TSybko. Nauk. zap. L'viv. un. 28: 47-54 '53.

Guerilla movement against Austrian and German occupiers in 1918 in the southern Ukraine (Kherson Province). A. I. Gliadkovskaia. Nauk. zap. L'viv. un. 36:12-34 '55.

UKRAINE—REVOLUTION OF 1905
Publication of documents concerning the history of the Revolution of 1905-1907 in the Ukraine. V. I. Strel's'kyi, S. A. IAkovlev. Nauk. zap. Kiev. un. 14 no. 6:95-109 '55.

UKRAINE—ROAD MACHINERY
Improve the utilization of road machinery stations in the Ukraine. B. I. Kotliarskii. Avt. dor. 19 no. 8:9 Ag '56.

UKRAINE—ROCKS, CRYSTALLINE AND METAMORPHIC
New data on water-bearing crystalline rocks in the central part of the Ukrainian crystalline massif. F. A. Rudenko. Nauk. zap. Kiev. un. 9 no. 10:145-147 '50.

UKRAINE—ROTATION OF CROPS
Accelerated formation of meadows and the introduction of grassland crop rotation on collective farms of the Ukrainian S. S. R. N. V. Kuksin. Zemledelie 4 no. 9: 96-102 S '56.

UKRAINE—RUNOFF
Spring surface flow of small rivers of the Ukraine. L. G. Onufrienko. Trudy Ukr. NIGMI no. 3:103-119 '55.

UKRAINE—SCIENCE—PERIODICALS
About the periodical "Nauka i zhyttia." O. Shcherban'. Kom. Ukr. 31 no. 7:71-78 Jl '56.

UKRAINE—SERPENTS
Biology of Coronella austriaca Laur. in the Ukraine. L. A. Babenko. Nauk. zap. Kiev. un. 12 no. 3:99 '53.
Distribution of Elaphe dione Pall. in the Ukraine. IU. I. Pashchenko. Nauk. zap. Kiev. un. 13 no. 12:136 '54.

UKRAINE—SHEEP
Organizing the production and procurement of wool on the collective farms of the Ukrainian S. S. R. D. G. Stepanov. Ovtsevodstvo no. 8:3-9 Ag '56.

UKRAINE—SHEEP—FEEDING AND FEEDING STUFFS
Green corn in feeding dual-purpose lambs. N. A. Tyrtovoi. Ovtsevodstvo no. 8:37-40 Ag '56.

UKRAINE—SLAVIC STUDIES
Literature of fraternal unity. Oksana Zakharchenko. Ukraina no. 19:14 O '56.

UKRAINE—SOCIAL SCIENCE RESEARCH
Approbation of the topic plan of scientific research for institutions of the Department of Social Sciences of the Academy of Sciences of the Ukrainian S. S. R. in 1956-1960. Visnyk AN URSR 27 no. 8:73-74 Ag '56.

UKRAINE—SOIL MOISTURE
Production significance of the agrohydrological properties of main soil types of the Ukrainian S. S. R. A. M. Kokukh. Trudy Ukr. NIGMI no. 3:21-24 '55.

UKRAINE—SOILS
Quality of published works ("Improvement of Solonetz soils" and "Soils of the Ukrainian S. S. R." Reviewed by B. I. Laktionov). Pochvovedenie no. 6:125-127 Je '56.

UKRAINE—STONEMASONS
An innovator of stone work. A. Chudnovets'. Arkhit. i bud. 4 no. 4:10 Jl-Ag '56.

UKRAINE—STREAM MEASUREMENTS
Spring surface flow of small rivers of the Ukraine. L. G. Onufrienko. Trudy Ukr. NIGMI no. 3:103-119 '55.

UKRAINE—SUGAR BEETS
Distribution of sugar beet cultivation in the western provinces of the Ukrainian S. S. R. M. M. Palamarchuk. Nauk. zap. L'viv. un. 28:24-36 '54.

UKRAINE—SWINE
Lot's make use of productive capacities to increase the production of pork. P. V. Cherchenko. Sovkhoz. proizv. no. 9:51-55 S '56.

UKRAINE—SWINE—FEEDING AND FEEDING STUFFS
Intensive fattening of hogs with corn. G. P. Chuchko, A. A. Morozova. Svinovodstvo no. 3:15-18 My '56.
Using ear corn in swine rations. F. I. Ocheret'ko. Svinovodstvo no. 6:18-23 Jl '56.

UKRAINE—TECHNICAL EDUCATION
Ukrainian republic academic conference to share experiences in the field of technical education. Sov. pedag. 20 no. 9:124-127 S '56.

UKRAINE—TECHNOLOGY—HISTORY
Investigating the history of technology in the Ukraine. IU. A. Anisimov, G. M. Dobrov. Vop. ist. est. i tekh. no. 1:319-322 '56.

UKRAINE—THEATER
Forgotten source. Teatr 17 no. 8:131-132 Ag '56.
Immortal legacy. Borys Kalsenko. Ukraina no. 16:20-21 Ag '56.

UKRAINE—THEATER—HISTORY
Born of the storm. Ambrosii Buchma. Zhovten' 6 no. 8:117-120 Ag '56.
Ivan Franko and the theater. IAkiv Bilozhtan. Zhovten' 6 no. 9:62-70 S '56.

UKRAINE—THEATER—PERIODICALS
The journal "Mystetstvo" in the theatrical life of the Ukraine. L. Borovoi. Teatr 17 no. 8:97-102 Ag '56.

UKRAINE—THISTLE
New and little known species of the genus Centaurea L. from the Ukraine. M. V. Klokov. Nauk. zap. Kiev. un. 7 no. 6:67-83 '48.

UKRAINE—TOBACCO—HISTORY
Brief sketch on the development of tobacco growing in the Ukraine. S. M. Buhai. Nauk. zap. Kiev. un. 13 no. 6:55-63 '54.

UKRAINE—TOPOGRAPHICAL SURVEYING
Organization of topographic operations in the Ukrainian Aerial Geodetic Institute. G. N. Buglov, I. F. Sirenko. Geod. i kart. no. 3:62-64 My '56.

UKRAINE—TRANSPORTATION, AUTOMOTIVE
Efficiency innovators of the Ukrainian automotive transport enterprises. I. Khablo. Avt. transp. 34 no. 8: 13-14 Ag '56.

UKRAINE—TURTLES
Biology of the pond turtle, (Emys orbicularis L.) in the Ukraine. IU. I. Pashchenko, V. A. Mezhzherin. Nauk. zap. Kiev. un. 13 no. 12:134-136 '54.

UKRAINE—VETERINARY HYGIENE
Pay more attention to the disinfection of livestock buildings. F. O. Shtun'. Sots. tvar. 28 no. 10:56-59 O '56.

UKRAINE—VITICULTURE
A useful book ("Fertilizing vineyards in the Ukraine" by V. Korneichuk and E. Piakida. Book review). Sad. vin. Mold. 11 no. 4:3 of cover Jl-Ag '56.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Ivan Franko's Guardmen; reminiscences. Stepan Makivka. Zhovten' 6 no. 9:52-61 S '56.

UKRAINIAN ALMANACS see Almanacs, Ukrainian

UKRAINIAN FOLK LITERATURE see Folk literature, Ukrainian

UKRAINIAN FOLK POETRY see Folk poetry, Ukrainian

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN LANGUAGE—ADVERB
Adverb as the expression of indication. I. K. Kucherenko. Nauk. zap. Kiev. un. 14 no. 2:145-162 '55.

UKRAINIAN LANGUAGE—DIALECTS
(see also subdivision under Dniester Valley; Poltava Province; Stavishche District)
The eighth dialectological conference of the republic. I. O. Varchenko. Dial. biul. no. 5:80-83 '55.
Program to collect the names of relationships by blood and marriage in the Ukrainian dialects. A. A. Burlachok. Dial. biul. no. 5:84-99 '55.

UKRAINIAN LANGUAGE—PHONETICS
Hard and soft consonants before "i" in Ukrainian. P. I. Prystupa. Dial. biul. no. 5:3-6 '55.

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM
For closer ties with real life ("The Soviet Carpathians"; almanac. Reviewed by Mykola Fedorchuk). Vitchyzna 24 no. 10:175-178 O '56.
Forgotten pages; I. G. Pryzhov on Ukrainian literature. Aleksandr Mazurkevich. Sov. Ukr. 6 no. 8:170-181 Ag '56.
Subject of the war of liberation of 1648-1654 and the reunion of Ukraine with Russia in Ukrainian literature. M. K. Mnlyna. Nauk. zap. Kiev. un. 14 no. 1:199-228 '55.
Works of A. I. Beletskii on the history of Ukrainian Literature. F. IA. Sholom. Nauk. zap. Kiev. un. 14 no. 1:17-22 '55.

UKRAINIAN LITERATURE—TRANSLATIONS FROM FOREIGN LITERATURE
Ivan Franko as a translator. D. M. Iofanov. Visnyk AN URSR 27 no. 8:70-72 Ag '56.

UKRAINIAN LITERATURE—TRANSLATIONS FROM THE ENGLISH
History of Ukrainian-English literary connections. Nina Rodzevych. Vitchyzna 24 no. 10:158-163 O '56.

UKRAINIAN MUSIC see Music, Ukrainian

UKRAINIAN PAINTINGS see Paintings, Ukrainian

UKRAINIAN SATIRE see Satire, Ukrainian

UKRAINIAN SONGS see Songs, Ukrainian

UKRAINIAN WIT AND HUMOR
Artistry of satirists and humorists. Ivan Doroshenko. Zhovten' 6 no. 10:93-104 O '56.

UKRAINIANS see subdivision under Canada; Winnipeg

UKRAINKA, LESIA, 1871-1913
Deliberately mutilated drama of Lesia Ukrainka. M. S. Vozniak. Nauk. zap. L'viv. un. 19:52-75 '51.
First published works of Lesia Ukrainka. M. S. Vozniak. Nauk. zap. L'viv. un. 19:20-51 '51.
Letters of Lesia Ukrainka ("Works," v. 5. Lesia Ukrainka. Reviewed by Kostiantyn Kukhalashvili). Vitchyzna 24 no. 9:180-183 S '56.

ULAN-UDE—AUTOMOBILES—REPAIRING
Public review of the technical conditions of automobiles and garage equipment. P. IAn'shin. Avt. transp. 34 no. 7:37 Jl '56.

ULAN-UDE—TEACHING—CONGRESSES
Congress of teachers of the Buryat-Mongolian A. S. S. R. Nar. obr. no. 9:77 S '56.

ULTRASONIC TESTING
Testing road materials with the aid of supersonics. N. V. Kharitonenko. Avt. dor. 19 no. 7:33 Jl '56.

ULTRASONIC WAVES
Absorption of finite-amplitude ultrasonic waves in liquids. L. K. Zarembo, V. A. Krasil'nikov, V. V. Shklovskaia-Kordi. Dokl. AN SSSR 109 no. 4:731-734 Ag '56.
Distortion ultrasonic waves of finite amplitude in liquids. L. K. Zarembo, V. A. Krasil'nikov, V. V. Shklovskaia-Kordi. Dokl. AN SSSR 109 no. 3:485-488 Jl '56.
Interaction of ultrasonic waves in liquids. G. D. Mikhailov. Zhur. eksp. i teor. fiz. 30 no. 6:1142 Je '56.
Underground echo. N. Dolgopolov. Znan. sila 31 no. 9: 33 S '56.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS
Ultrasonic control of bushings. R. A. Semenov, V. G. Bogatyrev. Vest. mash. 36 no. 9:65-67 S '56.
Ultrasonic thickness measuring instruments. I. N. Ermolov, M. F. Krakoviak. Priborostroenie no. 8:13-15 Ag '56.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT
Effect of ultrasonic waves on plant cells (fern prothallia). L. P. Breslavets, I. E. El'piner. Biofizika 1 no. 5:448-451 '56.
Studying the effect of ultrasonic waves on the coli bacillus. IU. G. Talaeva. Gig. i san. 21 no. 9:69-70 S '56.

ULTRAVIOLET RAYS
Air disinfection by means of bactericidal lamps. N. B. Gushchina, V. M. Skobelev. Svetotekhnika 2 no. 4:1-3 Jl '56.
Decontamination of water by germicidal irradiation. V. F. Sokolov. Svetotekhnika 2 no. 4:7-10 Jl '56.
Irradiation of bees by PRK-2 lamps. P. A. Ostrov. Svetotekhnika 2 no. 4:17-19 Jl '56.

ULTRAVIOLET RAYS—INDUSTRIAL APPLICATIONS
Sixteen minutes instead of eleven days. Znan. sila 31 no. 8:30 Ag '56.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT
Effect of ultraviolet radiation on the longevity of the typhoid bacillus in reservoir water. S. A. Dreizin. Gig. i san. 21 no. 9:95 S '56.

ULTRAVIOLET RAYS—THERAPEUTIC USE
Blocking cervical and paravertebral neurovegetative ganglia by erythematous doses of ultraviolet rays in the treatment of ulcers. S. S. Kircheva-Fridland, A. T. Rainov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:48-53 Jl-S '56.
Group irradiation of miners by ultraviolet rays. I. I. Belyshev. Fel'd. i akush. 21 no. 9:37 S '56.
Hygienic evaluation of erythemal lamps and the effectiveness of their use. N. M. Dantsig. Svetotekhnika 2 no. 4:11-14 Jl '56.
Role of irradiating the tonsils with ultraviolet rays in the compound treatment of acute rheumatic polyarthritis. N. N. Plemiannikova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:54-59 Jl-S '56.
Ultraviolet ray clinics in the coal industry. Z. D. Gorkin. Svetotekhnika 2 no. 4:4-7 Jl '56.

ULTRAVIOLET SPECTRUM see Spectrum, Ultraviolet

ULUG-KHEM VALLEY
Book shelf. Reviewed by V. Raush. Geog. v shkole 19 no. 4:78-79 Jl-Ag '56.

ULYANOVSK PROVINCE—ECONOMIC CONDITIONS—HISTORY
Economy of the landowning Pazukhin family in the 17th and 18th centuries. E. N. Oshanina. Vop. ist. no. 7: 84-92 Jl '56.

ULYANOVSK PROVINCE—GRAZING
Organizing the range fattening of cattle. M. Kuz'min, V. Ishmukov. Kolkh. proizv. 16 no. 8:24 Ag '56.

ULYANOVSK PROVINCE—MACHINE-TRACTOR STATIONS
We are lowering expenditures and strengthening the economy of collective farms. M. Kuz'min. MTS 16 no. 9:4-6 S '56.

UMAN—NATIONAL PARKS AND RESERVES
Sofiivka. H. Lohvyn. Ukraina no. 17:24 S '56.

UNDERGROUND COAL GASIFICATION see Coal gasification

UNDERGROUND CONSTRUCTION see subdivision under Georgia

UNDERPASSES
Erecting underpass bridge spans. A.S. Techiev. Avt. dor. 19 no.8:7-8 Ag '56.
Using one-walled reinforced concrete spans for underpasses. V. A. Chezhin. Transp. stroi. 6 no. 8:13-15 Ag '56.

UNDERWATER ACOUSTICS
Underwater acoustics [translations and surveys of foreign periodical literature] Problemy sovremennoi fiziki 8 no.8 '56. 224 p.

UNDULANT FEVER see Brucellosis

UNEMPLOYED see subdivision under Great Britain

UNION OF SOUTH AFRICA see South Africa, Union of

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNIONIDAE see subdivision under Gusinoye, Lake

UNIONS, TRADE see Trade unions

UNITED NATIONS
Seminar of journalists in Geneva. B. Shtal'. Sov. pech. no. 9:44-45 S '56.
The Suez problem in the Security Council. Nov. vrem. 14 no. 42:1-2 O '56.

UNITED NATIONS—MEMBERSHIP
Urgent matter. L. Modzhorian. Nov. vrem. 14 no. 42: 7-8 O '56.

UNITED NATIONS—PRIVILEGES AND IMMUNITIES
The immunity of employees of international organizations in present-day international law. O. V. Bogdanov. Sov. gos. i pravo no. 4:116-121 '56.

UNITED NATIONS CHARTER
Permanent neutrality, the right of self-defense, and the regional system in the light of the U. N. Charter. K. A. Baginian. Sov. gos. i pravo no. 6:102-109 '56.

UNITED STATES—AGRICULTURE—HISTORY
Farmers' movement in the U. S. in the 1870's. G. P. Kuropiatnik. Uch. zap. po nov. i noveish. ist. no. 2:248-317 '56.

UNITED STATES—AIR FORCE
Tactical air command of the United States and its use in combat of combined arms. V. Andreev. Voen. vest. 36 no. 8:83-89 Ag '56.

UNITED STATES—ATOMIC POWER INDUSTRY
American reactors for power generation to be put in service between 1956 and 1960. G. S. Samoilovich. Teploenergetika 3 no. 8:50 Ag '56.
Unequal agreement. V. Semenov. Nov. vrem. 14 no. 42: 10-12 O '56.

UNITED STATES—AUTOMOBILES
American passenger cars for 1956. K. A. Sharapov. Avt. i trakt. prom. no. 8:39-46 Ag '56.

UNITED STATES—AUTOMOBILES—ENGINES
New Chevrolet foundry in Tonawanda, U. S. A. N. T. Ramanovskii, V. A. Chernushevich. Lit. proizv. no. 8:8-14 Ag '56.

UNITED STATES—BEE CULTURE
Package bees in the United States. K. I. Pchelovodstvo 33 no. 10:50-53 O '56.

UNITED STATES—BEE CULTURE—EQUIPMENT AND SUPPLIES
Beekeeping equipment and mechanication of work in apiaries of the U. S. A. T. Gubina. Pchelovodstvo 33 no. 9:53-56 S '56.

UNITED STATES—BUILDING
In the Technical Council of the Ministry of the Construction Industry of the U. S. S. R. Nov. tekh. i pered. op. v stroi. 18 no. 9:32-3 of cover S '56.

UNITED STATES—CAPITALISM
The American fable about "people's capitalism." D. Zaslavskii. Mol. komm. 14 no. 9:50-58 S '56.
Theories of "people's capitalism." I. Dvorkin. Vop. ekon. no. 9:73-85 S '56.

UNITED STATES—CERAMICS
Increasing the assortment of sanitary ceramics in the United States (from "Ceramic Industry," September 1955). Stek. i ker. 13 no. 9:32 S '56.

UNITED STATES—CLOCKS, ELECTRIC
New electronic clock (From: "Radio Mentor" No. 5, '56). Radio no. 8:56 Ag '56.

UNITED STATES—COAL MINES AND MINING
Hydraulic transport of coal in foreign practice. V. V. Trainis, N. P. Peskova. Mekh. trud. rab. 10 no. 8: 43-45 Ag '56.

UNITED STATES—COLD STORAGE WAREHOUSES
Building two-story cold-storage warehouses in the United States; (from "Industrial Refrigeration" September 1955). I. Gindlin. Khol. tekh. 33 no. 5:72-73 Jl-S '56.

UNITED STATES—COMMUNIST PARTY
The 1954 law on the control of communist activities is an instrument for the violation of the democratic rights of the American people. B. S. Gromakov. Sov. gos. i pravo no. 4:101-109 '56.

UNITED STATES—COPPER INDUSTRY
Refractory materials in modern practices of the United States copper smelting industry. (From foreign journals). Ogneupory 21 no. 5:238-239 '56.

UNITED STATES—CORN (MAIZE)
About the trip to North America. I. E. Emel'ianov. Kukuruza 1 no. 3:55-60 Je '56.
Using lines with sterile pollen in hybrid seed production. Kukuruza 1 no. 2:62 My '56.

UNITED STATES—CORN (MAIZE)—DISEASES AND PESTS
Corn diseases and pests in the United States. A. M. Emme. Zashch. rast. ot vred. i bol. 1 no. 2:57-59 My-Je '56.

UNITED STATES—CORN PICKER (MACHINERY)
Corn harvesting machinery in the U. S. A. A. Dmitriev. MTS 16 no. 9:40-43 S '56.

UNITED STATES—DEFENSES
Conceptions of military circles in the U. S. A. A. Kononenko. Mezhdunar. zhizn' no. 9:62-71 S '56.

UNITED STATES—DESCRIPTION AND TRAVEL
Thirty-three days in America ("American diaries," Boris Polevoi. Reviewed by G. Vladimov). Novyi mir 32 no. 8:253-256 Ag '56.
Trip to Admassia ("Journey down a rainbow" [in English], J. B. Priestley. Reviewed by S. Maizel's). Inostr. lit. no. 8:259-260 Ag '56.

UNITED STATES—DIE CASTING
Mechanization and automatization of industrial processes in founding under pressure. M. L. Zaslavskii. Lit. proizv. no. 8:15-18 Ag '56.

UNITED STATES—DISARMAMENT
Three books on disarmament. Nov. vrem. 14 no. 42: 27-29 O '56.

UNITED STATES—ECONOMIC CONDITIONS
Some "theories" about the anticrisis effect of state expenditures. B. S. Kachura. Visnyk AN URSR 27 no. 7:39-50 Jl '56.

UNITED STATES—ELECTIONS
An answer to Stevenson. Nov. vrem. 14 no. 36:21-22 Ag '56.
Election campaign in the U. S. A. Mezhdunar. zhizn' no. 9:130-131 S '56.
The United States before the elections. O. Prudkov. Nov. vrem. 14 no. 36:12-15 Ag '56.

UNITED STATES—ELECTRIC CIRCUIT BREAKERS
Coordinated use of automatic circuit breakers and current-limiting fuses (From: "Power Engineering" no. 9, '55). IA. E. Vol'fkovich. Prom. energ. 11 no. 7:31-32 Jl '56.

UNITED STATES—ELECTRIC POWER PLANTS
Cliffy Creek and Kyger Creek Plants have gone into operation (From: "Power Engineering" Mr '56). G. S. Samoilovich. Teploenergetika 3 no. 8:51 Ag '56.

UNITED STATES—FERTILIZER INDUSTRY
U. S. Federal Trade Commission. [Monopoly in the fertilizer industry; report of the Federal Trade Commission on the fertilizer industry. Translated from the English] Monopolii v promyshlennosti mineral'nykh udobrenii. Perevod s angliiskogo i predisl. M. G. Dikanskogo. Red. I. A. Sokolov. Moskva, Izd-vo inostrannoi lit-ry, 1955. 249 p.

UNITED STATES—FERTILIZERS AND MANURES
Using liquid fertilizers. Kukuruza 1 no. 2:62 My '56.

UNITED STATES—FOREIGN RELATIONS
New course is needed. G. Gerasimov. Mezhdunar. zhizn' no. 9:139-142 S '56.
Sober opinion. Nov. vrem. 14 no. 42:12 O '56.
"White Book" exposes the judges of Karlsruhe. Z. Savelin. Ogonek 34 no. 36:6 S '56.

UNITED STATES—FOREIGN RELATIONS—CHINA
Urgent matter. L. Modzhorian. Nov. vrem. 14 no. 42: 7-8 O '56.

UNITED STATES—FOREIGN RELATIONS—FRANCE
The activities of American diplomacy in France in 1870-1871. M. S. Al'perovich. Vop. ist. no. 7:110-1115 Jl '56.

UNITED STATES—FOREIGN RELATIONS—NEAR EAST
The Turkish question in the U. S. Senate. B. M. Potskhverlia. Krat. soob. Inst. vost. no. 19:57-64 '56.

UNITED STATES—FOREIGN RELATIONS—RUSSIA
The establishment of diplomatic relations between the U. S. S. R. and the U. S. A. in 1933. V. L. Israelian, V. I. Popov. Ist. zap. no. 55:65-88 '56.
The role of the U. S. A. in counterrevolutionary intervention of western imperialists in Transcaucasia in 1917. G. Galoian. Izv. AN Arm. SSR. Obshchestv. nauki no. 8:9-18 Ag '56.

UNITED STATES—GLASS MANUFACTURE
Polisher for simultaneous polishing of sheet glass on both sides (from "Glass Industry," no. 8, 1955). Stek. i ker. 13 no. 9:32 S '56.

UNITED STATES—HERBICIDES
Granulated herbicides in the U. S. A. E. F. Lisnik. Nauka i pered. op. v sel'khoz. no. 9:60-61 S '56.
Use of herbicides in cotton plantings in the United States. A. Prugalov. Khlopkovodstvo 6 no. 8:57-59 Ag '56.

UNITED STATES—INFRARED RAYS—INDUSTRIAL APPLICATIONS
Using infrared lamps to heat working areas in unheated plants (From: "Electrical World" no. 8, '56). Prom. energ. 11 no. 7:31 Jl '56.

UNITED STATES—INTERNAL SECURITY
The 1954 law on the control of communist activities is an instrument for the violation of the democratic rights of the American people. B. S. Gromakov. Sov. gos. i pravo no. 4:101-109 '56.

UNITED STATES—JOURNALISTS
On a leash. M. Afonin. Sov. pech. no. 9:43 S '56.

UNITED STATES—LABOR AND LABORING CLASSES
A new type of defense of wage slavery ("The basic features of a labor economy and its confirmation in American society" [in German]. C. Clint. Reviewed by M. Okun'). Sots. trud. no. 8:123-127 Ag '56.

UNITED STATES—LUMBER—DRYING
Device for determining the degree of moisture in lumber being dried; (from "Timberman" no. 4, 1956). Der. prom. 5 no. 9:30-31 Ag '56.

UNITED STATES—MIDDLE CLASSES
Don't judge what you are not familiar with. IU. Milov. Nov. vrem. 14 no. 41:14-15 O '56.

UNITED STATES—MOTION-PICTURE INDUSTRY
Mercillon, Henri. [The motion-picture industry and monopoly in the United States. Translated from the French] Kino i monopolii v SShA. Perevod s frantsuzskogo R. I. Lontsor. Pod obshchei red. G. A. Avenariusa. Vstup. stat'ia I. A. Sokolova. Moskva, Izd-vo inostrannoi lit-ry, 1956. 206 p.

UNITED STATES—MOTORBUSES
Using translucent plastic for shaped bus panels. V. V. Osepchugov. Avt. i trakt. prom. no. 8:37-39 Ag '56.

UNITED STATES—NATIONALITIES
Fifty million unequal in rights. A. Aleksandrov. Slaviane no. 10:22-26 O '56.

UNITED STATES—NEGROES
Price of prejudice. Vsem. prof. dvizh. no. 8:41 Ag '56.

UNITED STATES—OIL WELLS
From practice abroad; a 6805-meter-deep well. S. K. Azerb. neft. khoz. 35 no. 8:29 Ag '56.

UNITED STATES—PAPERMAKING MACHINERY
Some peculiarities of producing imitation parchment. (From "La Papetorie" no. 2, 1955). R. R. Bum. prom. 31 no. 7:28-29 Jl '56.

UNITED STATES—PIPE, STEEL—WELDING
Large-diameter gas and oil pipes made by resistance fusion welding. (From foreign journals.) R. Barlin. Stal' 16 no. 8:761-763 Ag '56.

UNITED STATES—PLASTICS
Using translucent plastic for shaped bus panels. V. V. Osepchugov. Avt. i trakt. prom. no. 8:37-39 Ag '56.

UNITED STATES—POLITICS AND GOVERNMENT
Results of the session of the Congress of the United States. Mezhdunar. zhizn' no. 9:115-116 S '56.

UNITED STATES—RACE QUESTION
Fifty million unequal in rights. A. Aleksandrov. Slaviane no. 10:22-26 O '56.
Kennedy, Stetson. [Guidebook to racist America. Translated from the English] Putevoditel' po rasistskoi Amerike. Perevod s angliiskogo N. N. Kuchinskogo i V. I. Kaminskoi. Pod red. i s predisl. P. S. Romashkina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 317 p.

UNITED STATES—RAILROADS—HUMP YARDS
"Characteristics of the development of classification yards in the United States of America." Transp. stroi. 6 no. 7:32 Jl '56.
Locating classification yards. Zhel. dor. transp. 38 no. 9:88-89 S '56.

UNITED STATES—REFRACTORY MATERIALS
Production data on the refractory industry of the United States from 1948 to 1953 (in thousand tons). (From "Minerals Yearbook" 1949, 1951, 1952, 1954, 1955). Ogneupory 21 no. 5:236-237 '56.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA
One view of the interrelation of American and Russian culture in the 19th century. M. P. Baskin, M. S. Ivanov. Vop. filos. no. 4:56-64 '56.

UNITED STATES—SEGREGATION IN EDUCATION
Disgrace to humanity. Nov. vrem. 14 no. 38:17-18 S '56.

UNITED STATES—SORGHUM
Sorghum in the U. S. A. V. M. Litvin. Nauka i pered. op. v sel'khoz. no. 7:91-92 Jl '56.

UNITED STATES—STEAM POWER PLANTS
Basic indexes of the efficiency of American plants with supercritical pressures and temperatures. S. IA. Belinskii. Teploenergetika 3 no. 8:44-50 Ag '56.

UNITED STATES—STRIKES AND LOCKOUTS—STEEL-WORKERS
Steel workers' strike in the U. S. A. Mezhdunar. zhizn' no. 9:120-121 S '56.

UNITED STATES—SWINE
Breeding hogs of the meat type in the U. S. A. G. Babin. Miss. ind. SSSR 27 no. 4:63 '56.

UNITED STATES—TANK VESSELS
Steam power plants on large American tankers; from foreign journals. V. I. Kozlov. Sudostroenie 22 no. 7:41-44 Jl '56.

UNITED STATES—TEXTILE INDUSTRY
Applying progressive practices used abroad. V. V. Zubchaninov. Tekst. prom. 16 no. 8:60-62 Ag '56.

UNITED STATES—TRADE UNIONS
Discord within the A. F. L. - C. I. O. Vaem. prof. dvizh. no. 7:30-40 Jl '56.

UNITED STATES—TRUSTS, INDUSTRIAL
Labor research association. [Apologists for monopolies; a critique of current theories in defense of monopoly and of statistical attemps to prove its decline; a suggested anti-monopoly program. Translated from the English] Apologety monopolii; kritika sovremennykh teorii, zashchishchaiushchikh monopolii, i popytok statisticheskim putem dokazat' upadok monopolii - programma bor'by protiv monopolii. Perevod s angliiskogo V.S.Safronchuka. Moskva, Izd-vo inostrannoi lit-ry, 1955. 70 p.

UNITED STATES—VENEERS AND VENEERING—ABSTRACTS
Machines for repairing veneers and glued plywood; (from "Veneers and Plywood" no. 2, 1956). Der. prom. 5 no. 9:28-30 S '56.

UNITED STATES—WAGES
Price of prejudice. Vaem. prof. dvizh. no. 8:41 Ag '56.

UNITED STATES—WEAVING
Data on the operation of weaving mills in the United States. A. P. Faminskii. Tekst. prom. 16 no. 8:63-64 Ag '56.

UNITED STATES—WORLD WAR, 1939-1945—HISTORY
American historians of the "new school" on the participation of the U. S. in the Second World War. B. I. Marushkin, N. N. IAkovlev. Vop. ist. no. 7:142-149 Jl '56.

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES see subdivision under Erivan; Lvov

UNIVERSITY LIBRARIES see Libraries, University and college

UNLOADING see Loading and unloading

URACIL
Destruction of the thyroid gland by internal ionizing radiation (radioactive iodine) and some means of protection; experiments on birds. IA. M. Kabak, I. N. Tal'skaia. Probl. endok. i gorm. 2 no. 2:3-22 Mr-Ap '56.
Effects of 6-methylthiouracil on liver function in Basedow's disease. S. F. Mandl'. Probl. endok. i gorm. 2 no. 3:54-61 My-Je '56.

URAL MOUNTAIN REGION—BAUXITE
Drift mining at a speed of 302 meters per month. N. P. Kostin and others. Gor. zhur. no. 9:12-15 S '56.

URAL MOUNTAIN REGION—COPPER MINES AND MINING
Sonometric technique for locating borings near mine drifts. G. T. Nesterenko. Gor. zhur. no. 9:49-51 S '56.

URAL MOUNTAIN REGION—FRUIT CULTURE
Fruit growers from the Urals. S. Grigor'eva. Zdorov'e 2 no. 9:26 S '56.

URAL MOUNTAIN REGION—LICHENS
Lichens of the family Gladoniaceae in the Ural Mountain region. A. M. Oksner. Nauk. zap. Kiev. un. 7 no. 6:19-39 '48.

URAL MOUNTAIN REGION—NICKEL—METALLURGY
Industrial test smelting of oxidized nickel in oxygen-enriched air blast at the Southern Urals Nickel Combine. L. K. Patrov and others. TSvet. met. 29 no. 8:33-35 Ag '56.

URAL MOUNTAIN REGION—ORE DRESSING
Treatment of zinc containing copper concentrates in converters. A. A. Babadzhan. TSvet. met. 29 no. 8:45-50 Ag '56.

URAL MOUNTAIN REGION—STEEL INDUSTRY
Ferrous metallurgy of the Urals during the First World War. S. A. Zalesskii. Ist. zap. no. 55:139-172 '56.

URAL MOUNTAIN REGION—STRIP MINING
Scientific and technical conference on strip mining of mineral deposits in the Ural Mountains. Ugol' 31 no. 8:42-43 Ag '56.

URAL MOUNTAINS
Polar Urals. A. Kemmerikh. Vokrug sveta no. 8:16 Ag '56.

URAL MOUNTAINS—BAUXITE
Regular patterns in the distribution of bauxite deposits in the Urals. B. P. Krotov, T. I. Zotova. Dokl. AN SSSR 108 no. 6:1144-1147 Je '56.

URAL MOUNTAINS—CONGLOMERATE
Metamorphized pyritic pebbles in upper Silurian conglomerates of Levikha in the central Urals. V. P. Loginov. Izv. AN SSSR. Ser. geol. 21 no. 6:92-100 Je '56.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Geological explorations in the Southern Ural Mountains. O. L. Einor. Nauk. zap. Kiev. un. 12 no. 4:37-48 '53.

URAL MOUNTAINS—GRAYWACKE
Age of graywacke deposits on the western slope of the southern Urals. D. G. Ozhiganov. Uch. zap. Bash. gos. ped. inst. no. 6:3-10 '55.

URAL MOUNTAINS—PHYSICAL GEOGRAPHY
All-Ural conference on problems of dividing the Urals into physical geography districts. N. K. Dekabakh, V. I. Prokaev, E. V. IAstrebov. Izv. Vses. geog. ob-va 88 no. 4:419-422 Jl-Ag '56.

URAL MOUNTAINS—PYRITES
Metamorphized pyritic pebbles in upper Silurian conglomerates of Levikha in the central Urals. V. P. Loginov. Izv. AN SSSR. Ser. geol. 21 no. 6:92-100 Je '56.

URAL MOUNTAINS—SINKHOLES
Formation of depression funnels in sinkhole regions. D. V. Ryshkov. Dokl. AN SSSR 109 no. 1:183-186 Jl-Ag '56.

URANINITE
Comparative leaching of uranium and radium isotopes from uraninite. I. E. Starik, F. E. Starik, E. P. Petriaev. Biul. Kom. po opr. abs. vozr. geol. form no. 1:29-32 '55.
Distribution of radioactive elements in different parts of uraninite. I. E. Starik, O. S. Melikova, E. V. Sobotovich. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:39-44 '55.
Relation of emanating characteristics of uraninite to temperature on the basis of radon, thoron, and actinon. I. E. Starik and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:33-38 '55.

URANIUM
Composition of uranyl selenite. Volumetric determination of uranium [with English summary in insert]. M. K. Joshi. Zhur. anal. khim. 11 no. 4:495-497 Jl-Ag '56.
Determining the isotopic composition of uranium from the stone meteorite Staroye Pes'yanoye. L. I. Shmonin and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:64-66 '55.

URANIUM—DECAY
New method for determining the age of uranium minerals by means of the lead method. F. Begeman and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:80-85 '55.

URANIUM—ISOTOPES
Comparative leaching of uranium and radium isotopes from uraninite. I. E. Starik, F. E. Starik, E. P. Petriaev. Biul. Kom. po opr. abs. vozr. geol. form. no. 1: 29-32 '55.
Quadrupole moment of the $U^{233}$ nucleus. A. G. Zimin, N. M. IAshin. Dokl. AN SSSR 109 no. 2:283-284 Jl '56.

URANYL ARSENATES
Solubility products of uranyl arsenates. V. G. Chukhlantsev, A. K. Sharova. Zhur. neorg. khim. 1 no. 1:38-41 (Jan.) '56.

URANYL SELENITE
Composition of uranyl selenite. Volumetric determination of uranium [with English summary in insert]. M. K. Joshi. Zhur. anal. khim. 11 no. 4:495-497 Jl-Ag '56.

URARTU—HISTORY
"Materials of the ancient East on the history of the peoples of Transcaucasia. Pt. 1. Nairi-Urartu." G. A. Melikishvili. Reviewed by I. M. D'iakonov. Vest. drev. ist. no. 2:59-74 '56.

URDA DISTRICT—MYCORHIZA
Mycotrophy of tree and shrub species of the sandy lands of Urda. N. A. Borisova. Bot. zhur. 41 no. 6:876-880 Je '56.

UREA
The action of formamide in urea solutions. E. N. Vasenko. Nauch. zap. LPI no. 29:47-50 '55.
Differential thermal study of complexing in the system: urea - N-paraffin. A. V. Topchiev, and others. Zhur. neorg. khim. 1 no. 6:1185-1193 Je '56.
Effect of thiocarbamide on the fruiting and root system of field crops. S. IA. Zolotnitskaia, A. A. Avakian. Dokl. AN Arm. SSR 9 no. 1:39-44 '48.
Formation of urea in liver homogenates from citrulline and various nitrogendonors. I. V. Kluge. Dokl. AN SSSR 109 no. 5:997-1000 Ag '56.
Kinetics and mechanism of the formation of a trivalent-chromium complex compound with urea. K. B. IAtsimirskii, E. I. Jasinskiene. Zhur. neorg. khim. 1 no. 3: 438-444 Mr '56.
Oxidation and metabolism of adrenaline in the adrenals and kidneys and the neural regulation of these processes. Report no. 2: Effect of urea and tyramine on the oxidation of adrenaline. A. V. TSukernyk. Ukr. biokhim. zhur. 28 no. 3:338-353 '56.
Study of the stability of mercury thiourea complex compounds. V. F. Toropova. Zhur. neorg. khim. 1 no. 5: 930-937 My '56.
Urea complexes with cadmium chloride and bromide [in Armenian with summary in Russian]. S. N. Avakian. Nauch. trudy Erev. un. no. 53:137-144 '56.
Use of thiourea solutions in volumetric analysis (thiocarbamidometry) [with English summary in insert]. K. B. IAtsimirskii, A. A. Astasheva. Zhur. anal. khim. 11 no. 4:442-446 Jl-Ag '56.

UREASE
Activeness of urease in the rhizosphere of agricultural plants. P. A. Vlasiuk, K. M. Dobrotvorskaia, S. A. Gordienko. Dokl. Akad. sel'khoz. 21 no. 8:28-31 '56.

UREDINEAE
(see also subdivision under Armenia)
Biology of the rust fungus Puccinia Tranzscheliana Brezschnev. I. E. Brezhnev. Vest. Len. un. 11 no. 15: 38-40 '56.
Leaf rusts of wheat in Frunze and Issyk Kul Provinces, their economic harmfulness, and measures for controlling them. A. G. Pospelov. Trudy Biol. inst. KirFAN SSSR no. 4:67-79 '51.
Uredineae of Eremurus in connection with problems of ornamental floriculture. IA. I. Korbonskaia. Dokl. AN Tadzh. SSR no. 1:31-34 '56.

URETERS—CALCULI
Treatment of concrements of the ureter. M. D. Dzhavad-Zade. Sov. med. 20 no. 7:47-51 Jl '56.

URETHRA—DISEASES
Three years' experience in treating acute gonorrheal urethritis in men by a single injection of penicillin. P. P. Semenov. Vest. ven. i derm. 30 no. 4:37-40 Jl-Ag '56.

URINARY ORGANS—CALCULI see Calculi, Urinary

URINATION see Urine—Secretion

URINE
Clinical importance of color sedimentation reaction of urine in brucellosis. G. M. Imamalieva. Lab. delo 2 no. 2:14-17 Mr-Ap '56.
Color sedimentation reaction as an additional criterion for determining the state of health. I. M. Ershov. Lab. delo 2 no. 2:16-19 Mr-Ap '56.
From the editorial board. Lab. delo 2 no. 2:19 Mr-Ap '56.
Importance of control analyses in the study of diastase in urine. M. A. Torban. Lab. delo 2 no. 1:22-24 Ja-F '56.

URINE—ANALYSIS AND PATHOLOGY
Chromatography on paper and its use in the determination of uric amino acids. L. G. Smirnova, Z. S. Chulkova. Lab. delo 2 no. 1:3-7 Ja-F '56.
Determining the paraminobenzoic acid in urine. L. A. Mokhov, IU. F. Udalov. Lab. delo 2 no. 4:19-20 Jl-Ag '56.
Effect of physical exercise on creatinuria in children. A. M. Alekseeva, N. M. Timofeeva. Vop. med. khim. 2 no. 3:198-202 My-Je '56.
Excretion of ester-bound sulfuric acid with the urine in cancer. S. G. Kachanova. Vop. med. khim. 2 no. 4: 252-254 Jl-Ag '56.
Method for determining antimony in urine with methyl violet. V. G. Mikhailov. Lab. delo 2 no. 3:12-13 My-Je '56.

URINE—ANALYSIS AND PATHOLOGY (Continued)
On the problem of vitamin $B_1$ excretion with the urine. I. M. Lindgren. Klin. med. 34 no. 7:91 Jl '56.
Separation of neutral 17-ketosteroids (androgens) from urine by sedimentation. O. M. Uvarovskaia. Probl. endok. i gorm. 2 no. 3:110-112 My-Je '56.

URINE—RETENTION
First aid in acute retention of urine. V. E. Subotskii. Med. sestra 15 no. 8:12-16 Ag '56.

URINE—SECRETION
Method of graphic registration of the secretion of gastrointestinal glands and of urination. B. E. Esipenko. Fiziol. zhur. 42 no. 7:607-609 Jl '56.

URUP VALLEY—TOMBS
Tombs from the Sarmatian era in Urup Valley; based on material of the 1954 expedition. N. V. Anfimov. Krat. soob. IIMK no. 65:88-93 '56.

URZHUM DISTRICT—SWINE
Feeding bacon-making rations to swine on the collective farms of Urzhum District, Kirov Province. M. N. Lapshin. Svinovodstvo no. 3:13-14 My '56.

USPENSKII, GLEB IVANOVICH, 1843-1902
"Collected works." G. I. Uspenskii. Reviewed by N. I. Sokolov. Vest. Len. un. 11 no. 14:129-138 '56.

USSURI REGION—HARES
The hare Lepus mantschuricus Raddei in the Ussuri region [with English summary in insert]. G. D. Dul'keit. Zool. zhur. 35 no. 6:916-921 Je '56.

UST'-KAMENOGORSK—METALLURGY
Copper conversion in a lead smelting plant. V. E. Lunev. TSvet. met. 29 no. 9:48-50 S '56.

USTINOVICH, N.
In the Siberian taiga ("Tales and stories." N. Ustinovich. Reviewed by Boris Solov'ev). IUnost' no. 9: 88-89 S '56.

USYCHENKO, IU.
A journalist comes to the people ("With us in the editor's office"; tale. IU. Usychenko. Book review). Druzh. nar. no. 9:185-186 S '56.

UTERUS
Contractile proteins of the myometrium. A. D. Braun, N. I. Mirovich. Vop. med. khim. 2 no. 3:188-197 My-Je '56.
Effect of histamine and acetylcholine on the contraction of the uterus. M. S. Grigorian. Dokl. AN Arm. SSR 9 no. 4:187-191 '48.

UTERUS—CANCER
Cytological diagnosis of cervical cancer [with summary in English]. A. N. Sibiriakov. Vop. onk. 2 no. 3:346-349 '56.
Effective radiotherapy for cervical cancer and means of adapting it to the individual [with summary in English]. V. P. Tobilevich. Vop. onk. 2 no. 3:338-348 '56.

UTERUS—DISEASES
New achievements in treating post partum endometritis in cows. V. Baranov. Sovkhoz. proizv. no. 9:72-73 S '56.
Treatment of uterine cervical erosion with radioactive phosphorus. L. D. Prokof'eva. Vest. rent. i rad. 31 no. 4:45-48 Jl-Ag '56.

UTERUS—SURGERY
Late results of suturing cervical tears during labor [with summary in English]. IA. E. Krivitskii, T. N. Uzbekova. Vop. onk. 2 no. 3:351-353 '56.

UTERUS—TUMORS
Clinical and laboratory (cytological) diagnosis of cancer of the uterine body [with summary in English]. E. M. Krastina, G. I. Berkman. Vop. onk. 2 no. 3:349-351 '56.
Immediate and remote results of combined surgical treatment of cervical carcinoma and ways of lowering postoperative mortality and complications [with summary in English]. S. S. Dobrotin. Vop. onk. 2 no. 3: 331-338 '56.

UZBEK LITERATURE—COLLECTIONS
[Youth's notebook; young Uzbek writers' almanac] Tetrad' molodosti; al'manakh molodykh pisatelei Uzbekistana. Tashkent, Gos. izd-vo Uzbekskoi SSR.
Vol. 5. 1956. 132 p.

UZBEKISTAN—AGRICULTURE
Mukhitdinov, N. A. [The achievements of the agricultural year and tasks for further developing cotton growing and other branches of agriculture in the Uzbek S. S. R. during 1956; a report at a conference of leaders of agriculture in Uzbekistan, December 20, 1955] Itogi sel'skokhoziaistvennogo goda i zadachi po dal'neishemu razvitiiu khlopkovodstva i drugikh otraslei sel'skogo khoziaistva v Uzbekskoi SSR na 1956 god; doklad na soveshchanii peredovikov sel'skogo khoziaistva Uzbekistana 20 dekabria 1955 goda. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 36 p.

UZBEKISTAN—AUTOMOBILE DRIVERS
Driver education courses under machine-tractor stations. B. Narbaev. Avt. transp. 34 no. 7:36 Jl '56.

UZBEKISTAN—BOTANY
[The flora of Uzbekistan] Flora Uzbekistana. Glav. red. E. P. Korovin. Tashkent, Izd-vo Akademii nauk UzSSR.
Vol. 3. (Red. A. L Vvedenskii. Sost. A. G. Borisova i dr.). 1955. 825 p.

UZBEKISTAN—COLLECTIVE FARMS
Lupanov, A. A. ["Kzyl Uzbekistan" Collective Farm; Ordzhonikidze District, Tashkent Province] Kolkhoz "Kzyl Uzbekistan"; Ordzhonikidzevskogo raiona, Tashkentskoi oblasti. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 28 p.
Nurmatov, K. N. [Experience in organizing production and the economy of the Sverdlov Collective Farm; Verkhne-Chirchik District, Tashkent Province] Opyt organizatsii proizvodstva i ekonomika kolkhoza imeni Sverdlova; Verkhne-Chirchikskii raion, Tashkentskoi oblasti. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1954. 151 p.

UZBEKISTAN—COTTON—HARVESTING
At the collective farm meeting. M. Rakhimov. Sots. Uz. 15 no. 9:13 S '56.
For three million tons of cotton. Sots. Uz. 15 no. 9:2 S '56.

UZBEKISTAN—COTTON GROWING
New solutions for preharvest defoliation of cotton. F. Mauer, L. Abramova. Khlopkovodstvo 6 no. 8: 24-27 Ag '56.

UZBEKISTAN—EFFICIENCY, INDUSTRIAL
Life brings improvements. S. Khachiev. Sov. profsoiuzy 4 no. 9:38-40 S '56.

UZBEKISTAN—EXECUTIVE DEPARTMENTS
First results. M. Anoshkin. Fin. SSSR 17 no. 9:34-36 S '56.

UZBEKISTAN—GERBILS
Criteria for forecasting the population of the red-tailed gerbil (Meritones erythrourus) in Azerbaijan and southern Uzbekistan [with English summary in insert]. T. S. Gladkina, I. IA. Poliakov. Zool. zhur. 35 no. 6: 922-934 Je '56.

UZBEKISTAN—HARVESTING
On these summer days. D. Glinberg. Sots. Uz. 15 no. 7:9-11 Jl '56.

UZBEKISTAN—HISTORY
Musaev, M.M. [Soviet Uzbekistan in the family of Soviet nations] Sovetskii Uzbekistan v bratskoi sem'e narodov SSSR. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 94 p.

UZBEKISTAN—HOLIDAYS
Labor holiday. Sots. Uz. 15 no. 9:5 S '56.

UZBEKISTAN—HORSES
On the collective farms of Uzbekistan. M. Soldatkin, V. Zybin. Konevodstvo 26 no. 7:45-46 Jl '56.

UZBEKISTAN—HYDROELECTRIC POWER STATIONS
Electric power station served by automatic control. Sots. Uz. 15 no. 9:7 S '56.

UZBEKISTAN—HYDROLOGY
Akademiia nauk Uzbekskoi SSR, Tashkent. Institut matematiki i mekhaniki. [Meteorology and hydrology in Uzbekistan] Meteorologiia i gidrologiia v Uzbekistane. Tashkent, 1955. 326 p.

UZBEKISTAN—JUTE
High jute yields. D. A. Kim. Len. i konop. no. 3:29-31 My '56.

UZBEKISTAN—LAW—STUDY AND TEACHING
Academic conference of the Department of Law of the Central Asian University. B. A. Akhmedov, M. V. IAnovskii, I. B. Sternik. Sov. gos. i pravo no. 4:133 '56.

UZBEKISTAN—LAWS
Uzbek S.S.R. Laws, statutes, etc. [A collection of laws of the Uzbek S.S.R. and decrees of the Presidium of the Supreme Soviet of the Uzbek S.S.R. from 1938 to 1955] Sbornik zakonov Uzbekskoi SSR i ukazov Prezidiuma Verkhovnogo Soveta Uzbekskoi SSR, 1956. 341 p.

UZBEKISTAN—LIBRARIES AND READERS
The Russian word. V. Mirochnik. Sots. Uz. 15 no. 9: 7 S '56.

UZBEKISTAN—METEOROLOGY
Akademiia nauk Uzbekskoi SSR, Tashkent. Institut matematiki i mekhaniki. [Meteorology and hydrology in Uzbekistan] Meteorologiia i gidrologiia v Uzbekistane. Tashkent, 1955. 326 p.

UZBEKISTAN—MOSQUITOES
Problem of the epidemiological significance of Anopheles hyrcanus Pall. in Uzbekistan. Z. S. Shishliaeva-Matova. Med. paraz. i paraz. bol. 25 no. 3:227-229 Jl-S '56.

UZBEKISTAN—MOTION-PICTURE PLAYS
New motion pictures. Sots. Uz. 15 no. 7:10 Jl '56.

UZBEKISTAN—NATURAL HISTORY MUSEUMS
Natural Science Museum of the Academy of Sciences of the Uzbek S. S. R. Nauka i pered. op. v sel'khoz. no. 8 92 Ag '56.

UZBEKISTAN—POLITICS AND GOVERNMENT
Tom Driberg on Soviet Uzbekistan. Nov. vrem. 14 no. 40:11-12 S '56.

UZBEKISTAN—PORTRAIT PAINTING
New elements in Uzbek portrait painting. R. Takhash. Zvezda Vost. 24 no. 7:125-128 Jl '56.

UZBEKISTAN—RELATIONS (GENERAL) WITH IRAN
Iranians and Soviet Uzbekistan. A. Ustivar, Sh. Shamukhamedov. Zvezda Vost. 24 no. 7:111-116 Jl '56.

UZBEKISTAN—SPORTS
One can play everywhere. V. Pashinin. Sp. Igry 3 no. 7:8-10 Jl '56.

UZBEKISTAN—TEA
Results of and prospects for the cultivation of tea in the Uzbek S. S. R. E. P. Korovin, M. A. Khudzinskii, A. Z. Zaichikov. Trudy Glav. bot. sada 5:122-138 '56.

UZBEKISTAN—WEEVILS
Temnorrhynus brevirostris Gyll (Coleoptera, Curculionidae), a new sugar beet weevil in Uzbekistan. IU. N. Brunner. Ent. oboz. 35 no. 1:60-64 '56.

UZBEKS see subdivision under Tajikistan

UZH VALLEY—PHYSICAL GEOGRAPHY
Geomorphology of the Uzh Valley (right bank tributary of the Pripet). P. K. Zamorii, V. IA. Didkova'kyi. Nauk. zap. Kiev. un. 13 no. 3:195-205 '54.

UZHGOROD—FURNITURE INDUSTRY
Furniture for your room. Petro Uhlinenko. Ukraina no. 17:17-18 S '56.

UZHGOROD—THEATER
"Dense forest." Teatr 17 no. 9:155-160 S '56.

VACATIONS
A healthful and interesting vacation for Soviet children. E. Glebov. Sov. profsoiuzy 4 no. 7:60-62 Jl '56.

VACATIONS, EMPLOYEE
Konnov, B. [Leave for workers and employees] Otpuska rabochikh i sluzhashchikh. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 43 p.
Right to rest. Sots. Uz. 15 no. 7:2 Jl '56.

VACCINATION
Campaign against vaccination. Michel Rouzé. V zashch. mira no. 64:94-97 S '56.

VACCINES
Large-scale vaccination of sheep with dry brucellosis vaccine from strain no. 19. B. M. Savich, A. G. Morozov. Veterinariia 33 no. 10:44-48 O '56.
Optimal conditions for the preparation and use of vaccines from whole antigens. Report no. 2: Immunogenic properties of vaccines. IU. A. Potapchik. Zhur. mikrobiol., epid. i immun. 27 no. 9:60-66 Ag '56.

VACUUM
Vacuum in metallurgy. A. A. Vertman, L. M. Novik. Priroda 45 no. 9:81-86 S '56.

VACUUM APPARATUS
Vacuum apparatus for cleaning tanks. A. M. Smotrakov. Neft. khoz. 34 no. 8:68-72 Ag '56.

VACUUM-TUBE CIRCUITS see Electron-tube circuits

VAGINA—DISEASES
Infectious vaginitis in sheep. A. A. Pokudin, N. G. Shakhotin. Veterinariia 33 no. 10:57-59 O '56.

VAGINA—TUMORS
Combined therapy in primary sarcoma of the vagina. V. D. Lazurkina. Vest. rent. i rad. 31 no. 4:74-75 Jl-Ag '56.

VAGOMIMETIC SUBSTANCES
Cholinesterase activity and acetylcholine-like action of tissues during the healing of wounds following the introduction of leucocytogenic serums. L. B. Utevskaia. Trudy Inst. morf. zhiv. no. 18:107-127 '56.

VAGRANKA (THE WORD)
Origin of the word "vagranka" [cupola furnace]. A. A. Gorshkov, A. A. Boretskii. Trudy Ural. politekh. inst. no. 60:66-73 '56.

VAGUS NERVE
Total nitrogen in gastric juice before and after vagotomy. G. A. Gzirishvili. Soob. AN Gruz. SSR 17 no. 6:545-548 '56.

VAKHSH VALLEY—ANTIQUITIES
Archaeological studies in Vakhsh Valley and Isfara District (in Vorukh). B. A. Litvinskii. Krat. soob. IIMK no. 64:68-76 '56.

VAKHSH VALLEY—COTTON GROWING
Effect of phosphate fertilizers on the ability of the cotton plant to absorb other mineral elements from old irrigated Sierozem soil in the Vakhsh Valley. L. A. Zuev, N. E. Abasheeva. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:95-98 '55.

VAKHSH VALLEY—MOTHS
New species of Acidalia (Lepidoptera, Geometridae) from the Vakhsh Valley. IU. L. Shchetkin. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:151-160 '56.

VALKADAEU, P.
Sketches on builders ("Builders." P. Valkadaeu. Reviewed by B. Vasil'eu). Polymia 34 no. 8:156-158 Ag '56.

VALUE
Basic economic law of contemporary capitalism. N. A. Moiseev. Pratsi Od. un. 145:151-178 '55.

VALVES
Device for machining the packing surface in the valve body. I. I. Gubanov. Energetik 4 no. 9:14 S '56.
Hydraulic characteristics of needle valves. B. I. IAn'shin. Vod. i san. tekh. no. 7:7-11 Jl '56.
Increasing the durability of compressor valve disks. M. B. Shapir, V. A. Rumiantsev. Vest. mash. 36 no. 9:3-6 '56.
Leverless self-reseating valve designed by V. D. Sherentsis for steam boilers with pressures up to 0.7 atm. F. P. IAnutsevich. Prom. energ. 11 no. 7:7-8 Jl '56.
Repair of the TRB-2 temperature control valve. V. Kantorovich, B. IAvnel'. Khol. tekh. 33 no. 3:67-70 Jl-S '56.
Turning feed-regulating valve. N. D. Mirontsev. Elek. sta. 27 no. 7:50 Jl '56.
Using throttle valves in the main steam lines in electric power stations. M. I. Dzalaev, IU. K. Stoliarov. Elek. sta. 27 no. 7:1-3 Jl '56.
Valves without packing glands. (From foreign journals). V. Karpukhin. TSvet. met. 29 no. 8:95-96 Ag '56.

VANADIUM ALLOYS—METALLURGY
Improving the technology of producing hard alloys. V. Baranova. TSvet. met. 29 no. 7:89-90 Jl '56.

VANADIUM CHLORIDES
Saturated vapor pressure of vanadium tetrachloride. S. A. Shchukarev, and others. Zhur. neorg. khim. 1 no. 1:30-35 [Jan.] '56.

VANADIUM OXALATES
Study of vanadium complex compounds. Part 3. Oxalate complexes. V. L. Zolotavin, N. N. Kaluginn. Zhur. neorg. khim. 1 no. 4:703-709 Ap '56.

VANADIUM OXIDES
System: $K_2O$ — $V_2O_5$ in the region of $KVO_3$ — $V_2O_5$. V. V. Illarionov, R. P. Ozerov, E. V. Kil'disheva. Zhur. neorg. khim. 1 no. 4:777-782 Ap '56.

VANCH RANGE—GEOLOGY, STRATIGRAPHIC
Genesis of lower Paleozoic deposits of the Vanch Range in the Pamirs. M. Kh. Khamidov. Izv. Otd. est. nauk AN Tadzh. SSR no. 14:13-42 '56.

VANILLIN see subdivision under Thoreid, Canada

VANILLIN—TOXICOLOGY
Unusual case of food poisoning. V. S. Suvorov. Gig. i san. 21 no. 9:78 S '56.

VANIUKOV, MIKHAIL IVANOVICH, 1832-1901
M. I. Veniukov's correspondence with N. M. Przheval'skii. V. A. Esakov. Vop. ist. est. i tekh. no. 1:207-212 '56.

VAPOR CONDENSERS see Condensers (Vapors and gases)

VAPOR DENSITY
Method for determining the saturated vapor density of fluid fuels. I. P. Budarov. Khim. i tekh. topl. no. 8:65-68 Ag '56.

VAPOR PRESSURE
Measurement of the pressure of saturated vapors of solid alloys by means of radioactive indicators. A. N. Nesmeianov and others. Zhur. fiz. khim. 30 no. 6: 1250-1257 Je '56.

VARIABLE STARS see Stars, Variable

VARIATION (BIOLOGY)
Discussion on "vegetative hybridization" of bees in a British periodical. I. S. Agrobiologiia no. 4:154-156 Jl-Ag '56.

VARIATION OF LATITUDE see Latitude variation

VARIATIONS, CALCULUS OF see Calculus of variations

VARZOB-BOLO VALLEY—ROCKS, IGNEOUS
Geological and petrographic characteristics of magmatic rocks in the Varzob-Bolo River Basin. S. Babakhodzhaev. Izv. Otd. est. nauk AN Tadzh. SSR no. 12:41-58 '55.

VASIL'EV, ALEKSEI MIKHAILOVICH, 1882-1956
Alekaei Mikhailovich Vasil'ev, 1882-1956; obituary. Zhur. anal. khim. 11 no. 4:517-518 Jl-Ag '56.

VAULTS
Practical testing of vaults built without sheathing. I. Lukashenko. Arkhit. i bud. 4 no. 1:23-24 Ja-F '56.
Sedov, A. P. [Vaults made of reeds] Svodchatye pokrytiia iz kamyshovykh fashin. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 95 p. (V pomoshch' sel'skomu stroitel'iu)

VAZOV, IVAN MINCHOV, 1850-1921
Attestation to fraternal relations ("Selected works" [in Kirghiz]. Ivan Vazov. Reviewed by Kasymaly Dzhantoshev). Slaviane no. 9:60-61 S '56.

VEDI VALLEY—GEOLOGY, STRATIGRAPHIC
Upper Turonian in the Vedi River basin (Armenian S.S.R.). V. L. Egoian. Dokl. AN Arm. SSR 15 no. 5: 143-148 '52.

VEGETABLE GARDENING
(see also subdivision under Arctic regions; Kazakhstan)
Advice for vegetable growers. Zashch. rast. ot vred. i bol. 1 no. 3:01 Jl-Ag '56.
Agricultural contracts for vegetables. A. P. Larionov. Sad i og. no. 8:7-9 Ag '56.
Brief notes. Sad i og. no. 8:74-75 Ag '56.
Calendar for vegetable and fruit growers and viticulturists. Sad i og. no. 8:76 Ag '56.
Calendar for vegetable gardening, fruit culture, and viticulture. Sad i og. no. 9:71-72 S '56.
Carry out fall work on sheltered ground in an exemplary manner. N. A. Filatov. Sovkhoz. proizv. no. 9:35-39 S '56.
Sewage is a powerful means for raising vegetable yields. L. Shesterov. Kolkh. proizv. 16 no. 8:20-21 Ag '56.

VEGETABLE GARDENING—BIBLIOGRAPHY see Bibliography—Vegetable gardening

VEGETABLE GARDENING—CONGRESSES
International Conference on Vegetable Gardening. Sad i og. no. 9:76-77 S '56.

VEGETABLES
Greater efficiency in harvesting vegetables. A. Zhigunov, IU. Reisler. Tekhsov. MTS 17 no. 15:1-4 Ag '56.
More vegetables, fruit, and grapes for workers. Sad i og. no. 9:3-5 S '56.
[The potato and vegetables.] Kartofel' i ovoshchi no. 10 O '56.
[The potato and vegetables.] Kartofel' i ovoshchi no. 11 N '56.
Selection of food plants according to their dietetic qualities. L. O. Tokar'. Nauk. zap. Kiev. un. 8 no. 5:195-211 '49.

VEGETABLES—DISEASES AND PESTS
Materials on the study of vegetable and vine crop pests of Tajikistan. V. N. Vinogradova. Trudy AN Tadzh. SSR 5:57-65 '52.

VEGETABLES—HARVESTING
Mechanizing vegetable harvesting. P. I. Voitov. Sad i og. no. 8:19-21 Ag '56.

VEGETABLES—MARKETING see Farm produce—Marketing

VEGETABLES—STORAGE
Storing green vegetables. N. Saburov, T. Mezhvinskaia. Sov. torg. no. 8:18-20 Ag '56.

VEGETABLES—VARIETIES see subdivision under Kazakhstan

VELI, ORHAN
"Complete poetical works" [in Turkish]. Orhan Veli. Reviewed by Radii Fish. Novyi mir 32 no. 8:262-264 Ag '56.

VEL'IAMINOV, NIKOLAI ALEKSANDROVICH, 1855-1920
Hundredth anniversary of the birth of N. A. Vel'iaminov. N. I. Nikitina. Khirurgiia 32 no. 6:87-89 Je '56.

VELOCITY OF LIGHT see Light—Velocity

VENEERS AND VENEERING
Cutting surfaced veneer with planer saws. M. I. Gorshkov and others. Der. prom. 5 no. 8:3-4 Ag '56.
Gluing FK veneer with MFC-1 resin not processed in the vacuum. K. N. Andriunina, T. A. Lukina, A. R. Grebenkin. Der. prom. 5 no. 9:19-20 S '56.
Hydraulic glue press for hot veneering. K. N. Liubimov, V. I. Abrosimov. Der. prom. 5 no. 8:20 Ag '56.
Laminated wood plastics with improve water-resistance. L. A. Demidova. Der. prom. 5 no. 9:14-15 S '56.
Two-cutter saw for veneer cutting. V. M. Roitman, G. A. Il'inshenko. Der. prom. 5 no. 8:15 Ag '56.
Use of liquid coal phenols in the veneer industry. A. G. Zabrodkin, R. Kh. Sultanbek. Der. prom. 5 no. 8:9-11 Ag '56.

VENEERS AND VENEERING—ABSTRACTS see subdivision under United States

VENEREAL DISEASES
Current problems in the treatment of skin and venereal diseases. B. M. Pashkov. Sov. med. 20 no. 7:3-9 Jl '56.

VENEREOLOGY—STUDY AND TEACHING
Instruction method in a practical course on dermatology and venerology. M. M. Zheltakov, A. A. Studnitsin, G. Kh. Khachaturian. Vest. ven. i derm. 30 no. 4:43-46 Jl-Ag '56.
Methodology for practical work in the department of dermatology and venerology of medical stomatologic institutes and in departments of stomatology in medical institutes. B. M. Pashkov. Vest. ven. i derm. 30 no. 4:46-50 Jl-Ag '56.

VENICE—DESCRIPTION
City of marble and water; a report. V. Viktorov. Ukraina no. 19:24-25 O '56.

VENOM
Book on the importance of bees in medicine ("Medicinal properties of honey and bee poison." N. P. Ioirish. Reviewed by IU. M. Zalesskii). Pchelovodstvo 33 no. 9:57-58 S '56.

VENOM—THERAPEUTIC USE
Ioirish, N. P. [Medicinal properties of honey and bee venom] Lechebnye svoistva meda i pchelinogo iada. Izd. 3-e, dop. i perer. Moskva, Medgiz, 1956. 199 p. (Nauchno-populiarnaia meditsinskaia literatura) (DA)

VENTILATING FANS see Fans, Mechanical

VENTILATION
In the I. I. Polzunov Central Scientific Research Institute for Boilers and Turbines. Energomashinostroenie no. 9:14 S '56.

VERESHCHAGIN, VASILII VASIL'EVICH, 1842-1904
Moscow, Gosudarstvennaia Treť iakovskaia gallereia. [Drawings and watercolors: V. G. Perov, N. I. Kramskoi, V. V. Vereshchagin] Risunok i akvarel'; V. G. Perov, I. N. Kramskoi, V. V. Vereshchagin. Moskva, Iskusstvo, 1955. 131 p., 70 plates. (CLU)

VERKHNE-DNEPROVSK—FOOD INDUSTRY
There is the end of corn. S. Akhmatov. Ukraina no. 17: 18 S '56.

VERKHOYANSK RANGE—GLACIAL EPOCH
Phases of quaternary glaciation in western Verkhoyansk. V. S. Vyshemirskii, I. P. Varlamov. Dokl. AN SSSR 109 no. 1:167-168 Jl-Ag '56.

VERNALIZATION
Effect of autumnal conditions on the soluble carbohydrate contents in spring wheat transformed into winter wheat. D. S. Omarov. Dokl. AN SSSR 109 no. 1:217-220 Jl-Ag '56.
Effect of the yarovization of spring wheat on the yield and quality of seeds. Z. D. Krasikov, V. I. Chukanov. Agrobiologiia no. 4:70-77 Jl-Ag '56.
Growth and absorption capacity of wheat root systems in connection with the developmental phase of the plants. S. S. Andreenko. Vest. Mosk. un. 11 no. 5:75-81 My '56.

VERONA—AGRICULTURAL EXHIBITIONS
From the international agricultural fair in Italy. V. Votosov. Sov. torg. no. 7:30-35 Jl '56.

VERTEBRATES
(see also subdivision under Gorkiy Province)
Phylogeny of Agnatha [with English summary in insert]. P. P. Balabai. Zool. zhur. 35 no. 6:874-890 Je '56.

VERTOV, DZIGI
In the Motion-Picture Section of the Home of Scholars of the Academy of Sciences of the U. S. S. R. Isk. kino no. 7:116 Jl '56.

VESPUCCI, AMERIGO, 1451-1512
Amerigo (to be continued). Stefan Zweig. Vokrug sveta no. 8:25-31 Ag '56.
Amerigo (to be continued). Stefan Zweig. Vokrug sveta no. 9:27-32 S '56.

VESZPREM, HUNGARY—PETROLEUM RESEARCH
Institute of Petroleum and Natural Gas in Veszprem. Mihaly Freund. Priroda 45 no. 9:71-73 S '56.

VETCH
Hungarian vetch. K. D. Bolotov. Nauka i pered. op. v sel'khoz. no. 9:10 S '56.

VETERANS
(see also subdivision under Rostov Province)
The fortress of Brest. S. Smirnov. Sov. Soiuz no. 10: 6-7 O '56.

VETERANS, DISABLED see Disabled veterans

VETERINARIANS
Specialists in veterinary medicine, active members and correspondence members of the All-Union Academy of Agricultural Sciences. Veterinariia 33 no. 10:14-16 O '56.

VETERINARY COLLEGES
Higher veterinary education through correspondence courses. Veterinariia 33 no.10:22 O '56.

VETERINARY COLLEGES—HISTORY see subdivision under Kazan

VETERINARY HOSPITALS see subdivision under Khotin

VETERINARY HYGIENE
(see also subdivision under Moscow; Ukraine)
Flagrant violation of zootechnical and veterinary principles on the "Nosovichi" State Farm. B.A. Nemtsov. Sovkhoz. proizv. no.9:59 S '56.
Mechanized cleaning of the skin of cattle. I.A. Troitskii, V.M. Kharitonova. Veterinariia 33 no.9:60-65 S '56.
Prevention of noninfectious diseases in animals which are kept in stalls during the winter. V.A. Alikaev. Veterinariia 33 no.10:62 O '56.

VETERINARY INSTRUMENTS AND APPARATUS
First aid kit for emergency veterinary services. K.L. Kudinov. Veterinariia 33 no.9:49-51 S '56.
Stand for hoofs in electrotherapeutics. N.S. Fedotov. Veterinariia 33 no.10:75-76 O '56.

VETERINARY MEDICINE
(see also subdivision under Bol'shaya Vradiyevka District; Pyatigorsk)
Dalmatov, M.K. [Pathological physiology of farm animals] Patologicheskaia fiziologiia sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 349 p. (Uchebniki i uchebnye posobiia dlia vysshikh i sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)
Emel'ianov, A.N. [Prevention of disease in calves] Preduprezhdenie boleznei teliat. [Saratov] Saratovskoe kn-vo, 1955. 66 p. (DA)
In the Ministry of Agriculture of the U.S.S.R. Veterinariia 33 no.9:87-90 S '56.
In the Ministry of Agriculture of the U.S.S.R. Veterinariia 33 no.10:90-93 O '56.
In the Scientific and Technical Council of the Ministry of Agriculture of the U.S.S.R. Veterinariia 33 no.9:90-92 S '56.
In the Soviet Union. Veterinariia 33 no.9:93-96 S '56.
In the Soviet Union. Veterinariia 33 no.10:93-96 O '56.
Incidence of leptospirosis among domestic animals in the Bet-Pak-Dala desert. T.A. Krepkogorskaia. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no.7:80-81 '56.
Leptospirosis among domestic animals in West Kazakhstan Province. D.M. Shapiro. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no.7:82-84 '56.
Present-day forms of veterinary services to stockbreeding. L.N. Krasnovidov. Veterinariia 33 no.10:19-22 O '56.
Production and procurement of wool should be promoted in every possible way. Veterinariia 33 no.9:3-7 S '56.
Results of the work of the 24th session of the International Epizootical Bureau. IA.R. Kovalenko, M.K. IUskovets. Veterinariia 33 no.9:70-79 S '56.
Tasks of veterinary toxicology for the sixth five-year plan. S.V. Bazhenov. Veterinariia 33 no.9:20-22 S '56.
Veterinarians must have a knowledge of technology. P. Volikov, I. Zhilanov. Veterinariia 33 no.9:16-20 S '56.
Veterinary services to communal stockbreeding of the Russian Federative Republic should be brought up to the level of present-day tasks. V.E. Shishkov. Veterinariia 33 no.10:7-11 O '56.
Veterinary work on our collective farm. P.T. Verveka. Sots. tvar. 28 no.10:54-56 O '56.
Veterinary workers should pay more attention to the problem of feeding animals. F.M. Spiridonov. Veterinariia 33 no.10:11-13 O '56.

VETERINARY MEDICINE—EXHIBITION see subdivision under Moscow

VETERINARY RESEARCH
The level of scientific research in veterinary science should be higher. V. Chernyshev. Veterinariia 33 no.9:12-15 S '56.

VEZIR, IUSUF, 1887-
IUsuf Vezir, master of realistic prose. Akper Agaev. Lit. Azerb. 14 no.9:79-83 S '56.

VIBRATION
Approximate method of determining the amplitude of natural vibrations in condenser tubes under the effect of aerodynamic forces. M.I. Aliamovskii, K.A. Prokof'ev. Sudostroenie 22 no.7:7-12, Jl '56.
Approximation method for the investigation of vibrating systems. A.IU. Ishlinskii. Prykl. mekh. 2 no.2:153-158 '56.
Calculating the effect of intersecting forces and inertia of turning of a section on the magnitude of frequency in free vibrations [in Georgian with summary in Russian]. E. Sekhniashvili. Trudy Inst. stroi. dela AN Gruz. SSR 3:103-112 '51.
Determining the lowest (basic) frequency of free vibrations in rectangular orthotropic plates. V.S. Gumeniuk. Prykl. mekh. 2 no.2:224-226 '56.
Effect of vibration on structural and mechanical properties of asphalt concrete as a thixotropic colloidal system. S.K. Noskov, N.V. Mikhailov. Koll. zhur. 18 no.4: 461-467 Jl-Ag '56.
Energy dissipation in vibrating solids; survey. H.S. Pysarenko. Prykl. mekh. 2 no.3:237-256 '56.
Evaluating energy dissipation in elastic vibrations. A.G. Nazarov. Dokl. AN Arm. SSR 16 no.5:137-140 '53.
Graphic integration of some nonlinear equations in the theory of vibration. G.M. Ostrovskii. Vest. Mosk. un. 11 no.5:25-30 My '56.
An instance of a correct boundary problem for the equations of string vibration with the conditions given all over the boundary. S.L. Sobolev. Dokl. AN SSSR 109 no.4:707-709 Ag '56.
Numerical solution for polyharmonic nonuniform equations. Sh.E. Mikeladze. Inzh. sbor. 23:199-202 '56.
Solving a generalized problem on transverse vibrations of a semi-infinite bar. S.B. Galustian. Trudy Azerb. ind. inst. no.9:21-37 '55.
Study of longitudinal vibrations in variable-length strings accounting for internal hysteresis-type friction. G.N. Savin, V.N. Shevelo, A.I. Kuzhil. Prykl. mekh. 2 no.2:133-146 '56.
"Vibration of elastic systems accounting for energy dissipation in the material." G.S. Pisarenko. Reviewed by IA.G. Panovko. Prykl. mekh. 2 no.2:227-229 '56.

VIBRATION—MEASUREMENT
Amplifying attachment for the VR-1 (618) manual vibrograph. G.K. Survillo. Energetik 4 no.9:15-16 S '56.
Photo-recording device. Z.I. Vasilevska. Prykl. mekh. 2 no.3:347-348 '56.

VIBRATION—PHYSIOLOGICAL EFFECT
Changes in the cells of some organs of cold-blooded animals under the effect of vibration. I. Shevts, N.G. Kuz'mina. Gig. i san. 21 no.9:37-40 S '56.

VIBRATORS
(see also subdivision under Germany, West)
Electromagnetic method of attaching the forms for reinforced concrete products to vibration machines. N.A. Komissarchik. Stroi. i dor. mashinostr. no.7:21-23 Jl '56.
Recommended inventions and technical improvements. Nov. tekh. i pered. op. v stroi. 18 no.9:28-30 S '56.

VIBRIO COMMA
Titration of antiplague serum with specific polysaccharides of Vibrio comma. M.N. Dzhaparidze, N.K. Sidorova. Zhur. mikrobiol. epid. i immun. 27 no.9: 78-81 S '56.

VICHUGA—TRACK ATHLETICS
Competition between shop teams. G. Shveisov. Leg. atl. no.8:22 Ag '56.

VIENNA—MUSHROOMS
"Athletic" mushrooms. Vokrug sveta no.9:59 S '56.

VIENNA—POWER ENGINEERING—CONGRESSES
Fifth International Power Engineering Conference. Gaz. prom. no.10:35-37 O '56.
Fifth world power engineering conference. I.A. Terman. Gidr. stroi. 25 no.8:56-59 S '56.

VIENNA—SLAVIC STUDIES
Interest in the language and culture of the Slavic peoples. R. Jagoditsch. Slaviane no.10:11-12 O '56.

VIETNAM—HISTORY—STUDY AND TEACHING
Some aspects of the ancient history of Vietnam in the contemporary Vietnamese science of history. D.V. Deopik. Vest. drev. ist. no.2:95-107 '56.

VIETNAM—SOCIAL CONDITIONS
People of the South. N. Bakhtiarova. Vokrug sveta no.9:17-19 S '56.

VIETNAM, NORTH
Successes of the Vietnamese people; report on the exhibition of the Democratic Republic of Vietnam in Moscow. Nov. vrem. 14 no.37:15-16 S '56.

VIETNAM, NORTH—CONCERTS
Vietnamese impressions; travel notes. Lkhasaran Linkhovoin. Svet nad Baik. no.4:112-121 Jl-Ag '56.

VIETNAM, NORTH—CONSTITUTION
Laws of the new life [with English summary in insert]. G.F. Kim and M.A. Shafir. Sov. vostokoved. no.4:173-178 '56.

VIETNAM, NORTH—DESCRIPTION AND TRAVEL
Borovik, Genrikh. [Far, far away; Vietnam notes] Daleko-daleko; V'etnamskie zapiski. Moskva, Izd-vo "Pravda," 1956. 47 p. (Biblioteka "Ogonek," no. 45)

VIETNAM, NORTH—ECONOMIC CONDITIONS
In the family of socialist countries. Nguen Long Bang. Sov. Soiuz no.10:2 O '56.

VIETNAM, NORTH—PRESS
The Vietnam press today. Sov. pech. no.9:38-40 S '56.

VIETNAM, NORTH—RELATIONS (GENERAL) WITH RUSSIA
Vietnamese impressions; travel notes. Lkhasaran Linkhovoin. Svet nad Baik. no.4:112-121 Jl-Ag '56.

VIETNAM, NORTH—SOCIAL CONDITIONS
Buffalo or new clothes. Carlo Meana. Vsem. stud. nov. 10 no.8:3-5 Ag '56.

VIETNAM, NORTH—WOMEN
Our friends in Vietnam. V. Vavilina. Rabotnitsa 34 no.9:18-19 S '56.

VILIUY VALLEY—GEOCHEMISTRY
Some geochemical characters of lower Palaeozoic deposits of the basin of the middle reach of the Viliuy River. A.A. Arsen'ev, E.A. Nechaeva. Dokl. AN SSSR 108 no.6:1109-1112 Je '56.

VILLAR, JEAN, 1912-
Jean Villar. Elsa Triolet. Teatr 17 no.9:164-169 S '56.

VINE CROPS
Variability of heredity in vegetative melon-pumpkin hybrids [in Armenian with summary in Russian]. E.G. Kocharian. Dokl. AN Arm. SSR 9 no.5:231-234 '49.

VINNITSA DISTRICT—STOCK AND STOCKBREEDING
Useful experience. I.A. Sokolov. Nauka i pered. op. v sel'khoz. no.7:80-82 Jl '56.

VINNITSA PROVINCE—WHEAT—DISEASES AND PESTS
Virus diseases of wheat in Vinnitsa Province. V.A. Agarkov. Zashch. rast. ot vred. i bol. 1 no.3:31-34 Jl-Ag '56.

VINOGRADOV, VIKTOR VLADIMIROVICH, 1896-
Akademiia nauk SSSR. Otdelenie literatury i iazyka. [To Academician Viktor Vladimirovich Vinogradov on his sixtieth birthday; a collection of articles] Akademiku Viktoru Vladimirovichu Vinogradovu k ego shestidesiatiletiiu; sbornik statei. Moskva, 1956. 311 p.

VINOGRADOVA, NINA, 1934-
After the third attempt. L. Borodina. Fizk. i sport 26 no.9:9 '56.
Nina Vinogradova's diary. V. Nabutov. Ogonek 34 38:23 S '56.

VINOGRADSKII, SERGEI NIKOLAEVICH, 1856-1953
Serhii Mykolaiovych Vynohrads'kyi. V.T. Smaili. Mikrobiol. zhur. 18 no.3:62-64 '56.

VINYL POLYMERS
Vinyl plastic tubes for SPO fuses. E.A. Fedorov. Energetik 4 no.9:20 S '56.

VIOLIN—CONSTRUCTION
Chemistry of violins. Znan. sila 31 no.9:34 S '56.

VIRUS DISEASES
Viral etiology of leukosis. V.A. Parnes. Vop. onk. 2 no.3:367-373 '56.

VIRUS DISEASES OF PLANTS
Virus diseases of wheat in Vinnitsa Province. V.A. Agarkov. Zashch. rast. ot vred. i bol. 1 no.3:31-34 Jl-Ag '56.

VIRUSES
Electron microscope examination of Impatiens balsamina tissues for virus-like particles. M. Gol'din, V. Fedotina. Dokl. AN SSSR 108 no.5:953-954 Je '56.
Experimental observations on the reproduction of trachoma virus in the bodies of small laboratory animals and a study of their antigenic properties. B.G. Vainberg, E.I. Brutman, F.M. Kostenko. Zhur. mikrobiol. epid. i immun. 27 no.9:97-102 S '56.
The science of the smallest organisms. I.A. Sutin. Lit. Stal. 10:212-232 '55.
Studying pathogenic viruses in cultures made from tissues of an adult organism. Report no. 2: Culturing the virus of pneumotropic ectromelia in pulmonary explants from immunized mice. Kh. Zh. Zhumatov. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no.7:21-30 '56.
Virus "synthesis." B.I. Klein. Mikrobiol. zhur. 18 no.3:59-61 '56.

VISCERA
Development of some internal characteristics in terrestial vertebrates [with English summary in insert]. S.S. Shvarts. Zool. zhur. 35 no.6:804-810 Je '56.

VISCOSE
Change of the chemical heterogeneity of cellulose xanthate during the ripening of viscose. A.T. Serkov, A.B. Pakshver, E.M. Mogilevskii. Zhur. ob. khim. 26 no. 7:1978-1981 Jl '56.

VISCOSITY
Effect on well discharge of pressure variation in the viscosity of oils containing gas. M. Kh. Khakimov. Izv. AN Azerb. SSR no.4:47-50 Ap '56.

VISCOSITY (Continued)
Extension of Bachinskii's viscosity formula into the high pressure range. A. M. Mamedov. Trudy Azerb. ind. inst. no. 9:62-75 '55.
Molecular structure and viscosity of liquid metals and alloys. A. Z. Golik. Nauk. zap. Kiev. un. 14 no. 8:159-169 '55.
Slow unsteady motion of a viscous fluid in the semiplane. B. V. Rusanov. Vest. Len. un. 11 no. 13:109-118 '56.
Viscosity of petroleum emulsions. P. P. Pavlov. Trudy Azerb. ind. inst. no. 9:76-81 '55.

VISHNEVSKII, VSEVOLOD VITAL'EVICH, 1901-
War correspondence of Vsevolod Vishnevskii; June - August 1941. A. IA. Grebenshchikov. Vest. Len. un. 11 no. 14:93-110 '56.

VISIBLE SPEECH see Deaf—Means of communication

VISION see Sight

VISUAL AIDS
Visual aids in the teaching of geography. I. I. Samoilov. Izv. Akad. ped. nauk RSFSR no. 56:45-67 '54.

VISUAL EDUCATION
Aspects of the psychology of visual education in teaching and their interpretation in psychological literature. I. M. Geodakian. Uch. zap. Eriv. gos. russ. ped. inst. 5: 201-215 '55.
Electrically lighted stand illustrating the "Blood circulation in man." S. F. Mel'nik. Voen.-med. zhur. no. 10:77-78 O '55.
Hollow phantom of the uterus. V. I. Savko, A. B. Sheinberg. Fel'd. i akush. 21 no. 8:56-58 Ag '56.

VITAMINS
Need of vitamins when taken periodically. S. N. Matsko. Izv. AN SSSR. Ser. biol. no. 4:102-115 Jl-Ag '56.
Rozhkov, M. I., and N. E. Smirnov. [Plants rich in vitamins] Vitaminnye rastenila. Moskva, Pishcheprom-izdat, 1956. 196 p.
The vitamin requirement of experimentally produced thermophylic yeasts [with English summary in insert]. L. G. Loginova. Mikrobiologiia 25 no. 4:415-419 Jl-Ag '56.

VITAMINS—A
Characteristics of axerophthol accumulation in Ondatra zibethica under natural conditions. S. S. Shvarts, V. S. Smirnov, L. G. Krotova. Dokl. AN SSSR 109 no. 1:236-237 Jl-Ag '56.
Using vitamin A in eczema. E. A. Kadyseva. Vest. ven. i derm. 30 no. 4:54-56 Jl-Ag '56.

VITAMINS—B
Structure of the $B_{12}$ vitamin. V. M. Berezovskii. Usp. khim. 25 no. 8:1057-1067 Ag '56.
Treating radiation sickness with BK-3 protein blood substitute, vitamin $B_{12}$, and streptomycin. IE. IU. Cherbotar'ov. Fiziol. zhur. [Ukr.] 2 no. 3:157-163 My-Je '56.

VITAMINS—$D_1$ see Thiamine

VITAMINS—$B_{12}$
Effect of vitamin $B_{12}$ on the regeneration of the peripheral nerves in rats. A. A. Znachkova. Dokl. AN SSSR 109 no. 4:780-881 Ag '56.

VITAMINS—D
Effect of vitamin $D_2$ on certain functions of the organism. L. I. Gokinaeva. Vest. ven. i derm. 30 no. 4:19-21 Jl-Ag '56.
Vitamin $D_2$ for treating chromoblastomycosis. A. M. Arlevich, V. M. Vatolina. Vest. ven. i derm. 30 no. 4: 54 Jl-Ag '56.

VITAMINS—P
Result of clinical use of a Soviet vitamin preparation from tea tannin. V. G. Smagin, D. I. Sinopol, V. V. Chechilova. Klin. med. 34 no. 6:52-57 Je '56.

VITEBSK PROVINCE—REVOLUTION, 1917-1921
The year 1917 in Vitebsk Province. A. Smirnou. Belarus' 13 no. 9:8 S '56.

VITICULTURE
(see also subdivision under Armenia; Azerbaijan; Dniester Valley; Moldavia; Tokaj-Eperjes Mountains; Ukraine)
Achieve a sharp rise in the production of fruit, berries, and grapes. N. A. Kamshilov. Sovkhoz. proizv. no. 9: 39-45 S '56.
Alternating cordon training of grapevines. V. M. Lavrent'ev. Sad i og. no. 8:68 Ag '56.
Calendar for vegetable and fruit growers and viticulturists. Sad i og. no. 8:76 Ag '56.
Calendar for vegetable gardening, fruit culture, and viticulture. Sad i og. no. 9:71-72 S '56.
Correct selection of the shape of grapevines. A. P. Saleev. Sad i og. no. 8:67-68 Ag '56.
Deep planting of vines as a means of controlling freezing S. S. Bogun. Sad i og. no. 8:65-67 Ag '56.
Early fruit bearing of grapevines. V. I. Gus'kov. Sad i og. no. 9:70 S '56.
Effect of a sturdy root stock on the fruiting of shoots and the quality of grapes. G. M. Karadzhi. Sad. vin. Mold. 11 no. 4:36-38 Jl-Ag '56.
Effect of the pinching back of shoots and the additional pollination of grapes. G. S. Morozova. Sad. vin. Mold. 11 no. 4:11-12 Jl-Ag '56.
First Russian printed work on viticulture. M. A. Peliakh. Sad. vin. Mold. 11 no. 4:64 Jl-Ag '56.
Importance of different quality of grapevine shoots in preparing cuttings. O. I. Matveeva. Sad i og. no. 8:69 Ag '56.
Increasing the number of fruit buds on grape vines. Z. V. Kolesnik. Sad. vin. Mold. 11 no. 4:40-41 Jl-Ag '56.
Let's give the country more fruit and grapes. Sad. vin. Mold. 11 no. 4:5-6 Jl-Ag '56.
Lower the amount of labor expended on fruit - and grape-growing state farms. N. V. Kantov. Sad. vin. Mold. 11 no. 4:58-59 Jl-Ag '56.
Method for covering grapevines for winter. N. S. Lebedev Sad i og. no. 9:69-70 S '56.
Methods for planting grapevines. F. B. Bashirov. Sad i og. no. 9:64-68 S '56.
New hybrid forms of phylloxera-resistant vine stocks. A. G. Gavaketashvili. Soob. AN Gruz. SSR 17 no. 6:503-507 '56.
Once more on the quality of planting stock. F. D. Chubich. Sad i og. no. 9:74-75 S '56.
Preharvest foliar feeding of grapevines. M. P. Dobrovol'skii. Sad i og. no. 9:69 S '56.
Trace element fertilizers in viticulture. O. K. Dobrolliubskii, A. V. Slavvo. Nauka i pered. op. v sel'khoz. no. 9:16 S '56.
Use of hydraulic drills in vineyard planting. I. A. Kazas. Sad. vin. Mold. 11 no. 4:7-10 Jl-Ag '56.
Ways of obtaining and additional grape crop. S. A. Mel'nik. Sad. vin. Mold. 11 no. 4:31-36 Jl-Ag '56.

VIVARIUMS
Gerd, S. V. [Terrariums in the schools; our amphibians and reptiles] Terrarium v shkole; nashi zemnovodnye i presmykaiushchiesia. Posobie dlia uchitelei srednei shkoly. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 134 p.

VLASOV, IAKOV PETROVICH, 1881-
IAkov Petrovich Vlasov. Med. paraz. i paraz. bol. 25 no. 3:274 Jl-S '56.

VLASOV, VASILII PETROVICH
Energetic man who loves his work. I. Polonskii. Sel'. stroi. 11 no. 8:23-24 Ag '56.

VLASOV, VASILII ZAKHAROVICH, 1906-
Vasilii Zakharovich Vlasov. Prykl. mekh. 2 no. 2:330-334 '56.

VOCATIONAL EDUCATION
"Lower vocational education in the R. S. F. S. R." A. N. Veselov. Reviewed by N. Barbashev. Prof.-tekh. obr. 13 no. 9:30-31 S '56.
Russia (1917- R.S.F.S.R.) Glavnoe upravlenie shkol. [Programs for vocational training in schools for backward children] Programmy po professional'no-trudovomu obucheniiu vo vspomagatel'nykh shkolakh. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 81 p.

VOEIKOV, ALEKSANDR IVANOVICH, 1842-1916
Meeting of the Main Geophysical Observatory devoted to Voeikov, L. A. Vitel's. Izv. Vses. geog. ob-va 88 no. 4:414-419 Jl-Ag '56.
Scientific session in memory of A. I. Voeikov. T. V. Pokrovskaia. Izv. AN SSSR, Ser. geog. no. 4:154-158 Jl-Ag '56.

VOLCANIC ASH, TUFF, ETC.
(see also subdivision under Georgia)
Elastic modulus in the compression of Adzhamet spongolite. E. S. Sagatelova. Trudy Inst. stroi. dela AN Gruz. SSR 4:221-230 '53.

VOLCANOES see subdivision under Kamchatka; Pacific Ocean; Simushir Island; Tolmachev Valley

VOLCANOES—CONGRESSES see subdivision under Rome

VOLES see Field mice

VOLGA DELTA—ALKALI LANDS
Effect of cultivation methods on the fertility of saline soils. A. V. Ustinova. Zemledelie 4 no. 9:83-86 S '56.

VOLGA DELTA—PALEOBOTANY
Pleistocene flora of the lower Volga and Akhtuba. P. I. Dorofeev. Bot. zhur. 41 no. 6:810-820 Je '56.

VOLGA RIVER—CALCIUM CARBONATE
Saturation of Volga water with calcium carbonate. O. A. Alekin, N. P. Moricheva. Dokl. AN SSSR 109 no. 4: 803-806 Ag '56.

VOLGA RIVER—DAMS
Some special features in damming the Volga River at the city of Uglich. O. V. Viazemskii, D. F. Ershov. Gidr. stroi. 25 no. 7:21-24 Ag '56.

VOLGA RIVER—ESCHERICHIA COLI
Changeableness of the coli bacillus in the water of the Volga River and its role as a health indicator. G. A. Abramovich. Gig. i san. 21 no. 9:95-96 S '56.

VOLGA RIVER—WORLD WAR, 1939-1945—NAVAL OPERATIONS
Russia (1923- U. S. S. R.) Armiia. Upravlenie Morskikh Sil. Politicheskoe upravlenie. [The Volga flotilla in the Great Patriotic War] Volzhskaia voennaia flotiliia v Velikoi Otechestvennoi voine. Moskva, Voen. izd-vo Ministerstva vooruzhennykh sil SSSR, 1947. 39 p. (V pomoshch' rukovoditeliu politicheskikh zaniatii)
[MICROFILM]

VOLGA-URAL REGION—PETROLEUM RESEARCH
Some data on hydrocarbons in the scattered organic matter of rocks. IU. N. Petrova, I. P. Karpova, IU. A. Mandrykina. Dokl. AN SSSR 108 no. 5:885-888 Je '56.

VOLGA VALLEY—BITUMEN
Luminescence study of the bituminosity of producing horizons in certain areas of the middle Volga Valley. S. IA. Vainbaum, N. A. Koprova. Geokhim. met. poisk. nefti i gaza no. 2:33-39 '54.

VOLGA VALLEY—GEOCHEMICAL PROSPECTING
Anomalies of bituminosity in strata of the middle Volga Valley. S. IA. Vainbaum, N. A. Koprova. Geokhim. met. poisk. nefti i gaza no. 2:89-92 '54.

VOLGA VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy of the Khozar deposits of the Lower Volga region. V. A. Nikolaev. Dokl. AN SSSR 109 no. 1: 180-182 Jl-Ag '56.

VOLLEYBALL
(see also subdivision under Azerbaijan; Moscow
Ball in play. N. Razin. Smena 33 no. 15:13 Ag '56.
New tactics of the Ukrainian all-star volleyball team. IU. Bagon. Sp. igry 2 no. 7:18 Jl '56.
Volleyball. Smena 33 no. 11:22 Je '56.

VOLLEYBALL—HISTORY
Beginning of the development of volleyball. A. Potashnik. Sp. igry 2 no. 7:17-18 Jl '56.

VOLOGDA—GEOGRAPHY, ECONOMIC
Possibilities of industrial development in Vologda. G. N. Zaplatina. Uch. zap. Bash. gos. ped. inst. no. 6: 67-76 '55.

VOLOGDA PROVINCE—FOLKLORE
"Fairy tales and songs of Vologda Province." Reviewed by IU. Sidorova. Sov. etn. no. 2:161-162 '56.

VOLOGDA PROVINCE—MARTENS
Materials on the breeding of pine martens in Vologda Province. Z. A. Gribova. Trudy VNIO no. 16:181-187 '56.

VOLSK—CEMENT INDUSTRIES
In the cement workers' city. Stroi. mat., izdel. i konstr. 2 no. 8:37 Ag '56.

VOLTAGE REGULATORS
Alternating current compensator with separate balancing and one compensating element. A. M. Melik-Shakhnazarov. Trudy Azerb. ind. inst. no. 8:114-118 '54.
Automatic voltage regulator for small high-speed generators. IU. V. Gaintsev. Energetik 4 no. 8:7-9 Ag '56.
Control of the voltage in electrolytic cells. V. I. Gusarov. TSvet. met. 29 no. 9:67-70 S '56.
Effect of synchronous compensators at the receiving end on the stability of long transmission lines. N. A. Kachanova. Sbor. trud. Inst. elektrotekh. AN URSR no. 13: 67-83 '56.
KTS-1 compounding equipment for low-capacity synchronous generators. I. N. Sulkhanishvili. Energ. biul. no. 7:11-15 Jl '56.
Voltage stabilizer with combined control. Avtomatyka no. 1:94-95 '56.
Voltage stabilizer with control auto-transformer and forcing device. Avtomatyka no. 1:96-98 '56.

VOLTMETER
Turning a standard voltmeter into a synchronizing voltmeter. G. P. Minin. Energetik 4 no. 9:38 S '56.

VOLYN-PODOLIAN UPLAND—GEOLOGY, STRUCTURAL
Some problems in the origin of the relief of western Volyn-Podolia. P. N. TSys'. Dop. ta pov. L'viv. un. no. 5, pt. 2:42-44 '55.

VOLYNSKIY DISTRICT—BIRCH
Biology of the flowering of some birches. G. D. Frolova. Bot. zhur. 41 no. 6:885-889 Je '56.

VORONEZH—CLEANING AND DYEING INDUSTRY
Following the course of a complaint. L. Davydov. Prom. koop. no. 8:26-27 Ag '56.

VORONEZH PROVINCE—CORN (MAIZE)
"Corn in Voronezh Province"; collected articles. Book review. Kukuruza 1 no. 3:62 Je '56.

VORONEZH VALLEY—BIRDS, PROTECTION OF
Spring without shooting. S. Veselovskii. Okh. i okh. khoz no. 8:59 Ag '56.

VORONKOVA, B.
B. Voronkova as Nastia Kovshova. Teatr 17 no. 8: 136-137 Ag '56.

VORONTSOVSKII DISTRICT—STATE FARMS
The "Red October" State Farm is a profitable enterprise. A. Puchkov. Klub 6 no. 9:24 S '56.

VOROSHILOV—HISTORY
About our town. N. Sorokolad. Klub 6 no. 9:8 S '56.

VOSKREKASENKO, SERGHII, 1906-
Poet and citizen; on Serhii Voskrekasenko's 50th birthday. Viktor Kostiuchenko. Vitchyzna 24 no. 10:154-157 O '56.

VOSKRESENSK DISTRICT—DAIRYING—COSTS
Production cost of milk. M. TSynkov. Moloch. i mias. zhiv. no. 3:50-55 My '56.

VOSKRESENSKII, VLADIMIR MIKHAILOVICH, 1902-1951
In memory of Vladimir Mikhailovich Voskresenskii. I. L. Bregadze. Vest. khir. 77 no. 7:151-152 Jl '56.

VOVCHOK, MARKO, pseud. see Markovych, Mariia Oleksandrivna (Vilinskaia), 1834-1907

VOYAGES, IMAGINARY
Vairasse, Denis. [The history of the Sevarambians, Translated from the French] Istoriia Sevarambov. Perevod s frantsuzskogo E. Dmitrievoi. Kommentarii F. B. Shuvaevoi. Vstup. stat'ia V. P. Volgina. Moskva, Izd-vo Akademii nauk SSSR, 1956. 314 p. (Predshestvenniki nauchnogo sotsializma)

VOYAGES AND TRAVELS
(see also subdivision under Europe)
Across the seas and oceans; creative journey of the painter P. Sulymenko. H. Portnov. Ukraina no. 17:16b-16c S '56.

VOYAGES AND TRAVELS—BIBLIOGRAPHY see Bibliography—Voyages and travels

VOYAGES AROUND THE WORLD
Ethnographic studies in the Russian expeditions around the world in the first half of the 19th century. B. A. Lipshits. Trudy Inst. etn. 30 no. 1:299-322 '56.
Forgotten source ("A new voyage around the world in the years 1823, 1824, 1825, and 1826" [in German]. O. Kotzebue. Reviewed by D. D. Tumarkin). Sov. etn. no. 2: 130-131 '56.

VOYNICH, ETHEL LILLIAN (BOOLE), 1864-
Ethel Voynich and Shevchenko. Ukraina no. 19:23 O '56.

VOZEKH, KORI RAKHMATULLO, 1808-1894
"Gift by the beloved," anthology by Vozekh. R. Khadi-Zade. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 9: 43-53 '56.

VOZNESENSK—TRANSPORTATION, AUTOMOTIVE
Work of the Voznesensk truck fleet in transporting sugar beets. A. Nemisev. Avt. transp. 34 no. 8:29 Ag '56.

VULCANIZATION
Automatization in the manufacture of vulcanized footwear. I. A. Veinberg. Leg. prom. 16 no. 7:4-6 Jl '56.
Mold used for vulcanizing the ends of an electric cable. V. V. Glebov. Torf. prom. 33 no. 6:37 '56.
Theory of rubber reinforcement; interaction of carbon black with sulfur and rubber. B. Dogadkin and others. Koll. zhur. 18 no. 4:413-419 Jl-Ag '56.

VURGUN, SAMED, 1906-1956
Samed Vurgun Yekilov; obituary. I. K. Abdullaev and others. Izv. AN Azerb. SSR no. 5:3-5 My '56.

VYATKA VALLEY—GEOLOGY, STRATIGRAPHIC
Characteristics of the Devonian on the Vyatka River, near Sovetsk. E. N. Larionova. Dokl. AN SSSR 109 no. 1:175-179 Jl-Ag '56.

VYCHEGDA RIVER—FRESH-WATER BIOLOGY
Hydrobiological characteristics of waters connected with the Vychegda near the village of Sloboda. O. S. Zvereva. Trudy Komi fil. AN SSSR no. 1:37-44 '53.

VYCHEGDA VALLEY—FOREST ROADS
Physical and geographical conditions for building forest roads in the upper Vychegda Basin. G. I. Varlamov. Trudy Komi fil. AN SSSR no. 3:121-130 '55.

VYSHNIA, OSTAP, 1889-1956
Ostap Vyshnia; obituary. Zhovten' 6 no. 10:127 O '56.
The people's humorist. F. Makivchuk. Ukraina no. 17: 22 S '56.
Rigorous master of words ("Works in two volumes." Ostap Vyshnia. Reviewed by Dmytro. Hryn'ko). Vitchyzna 24 no. 10:179-182 O '56.

WAGES
(see also subdivision under Australia; Korea, North; Rhodesia, Southern; United States)
Additional wages are in effect. N. Gurtsiev, E. Dautseva. Kolkh. proizv. 16 no. 8:7-8 Ag '56.
Bank control over disbursements from wage funds. L. Galimar. Den. i kred. 14 no. 9:24-31 S '56.
From the editor's mail. Sots. trud. no. 8:105-108 Ag '56.
How we increase material interest of collective farmers in the development of communal farming. M. Kovalenko. Kolkh. proizv. 16 no. 8:8-10 Ag '56.
Improve bank control. S. Gurovich, S. Shevchenko. Den. i kred. 14 no. 9:46 S '56.
[Manual of wages in the petroleum industry] Spravochnik po zarabotnoi plate v neftianoi promyshlennosti. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. izd-v neftianoi i gorno-toplivnoi lit-ry, 1956. 342 p.
Material incentive. E. A. Riabova. Nauka i pered. op. v sel'khoz. no. 7:76 Jl '56.
Monthly advance payments on collective flax-growing farms. K. A. Okhapkin, L. S. Abakumov. Len. i konop. no. 3:4-6 My '56.
New wage system for steel workers. P. IUshkin. Sots. trud. no. 8:85-88 Ag '56.
Payment for the labor of beekeepers on leading collective farms. V. K. Pel'menev. Sots. tvar. 28 no. 9:14-15 S '56.
Problems in the system of labor and wages on collective farms. M. Kolosov. Sots. sel'khoz. 27 no. 6:42-46 '56.
Public control over the operation of the wage system. I. Zhdanov. Sots. trud. no. 8:73-76 Ag '56.
Regulate the organization of work on labor and wage standardization without delay. V. Shuruev. Sov. profsoiuzy 4 no. 8:8-15 Ag '56.
Russia (1923- U.S.S.R.) Ministrestvo elektrostantsii. Otdel truda i zarabotnoi platy. [Manual on work and wages in electric power stations, networks, and plants of the Ministry of Electric Power Stations of the U.S.S.R.] Spravochnik po trudu i zarabotnoi plate na elektrostantsiiakh, v setiiakh i na zavodakh Ministerstva elektrostantsii SSSR. Moskva, Gos. energ. izd-vo, 1946. 267 p.
Set in order the system of wages in the chemical industry. S. Z. Pogostin. Khim. prom. no. 4:240-242 Je '56.
System of wages based on the expenditures per unit of production. A. Khludenev. Sots. sel'khoz. 27 no. 6: 47-50 '56.
Their wages will increase. I. Lemberik. Ogonek 34 no. 38:7 S '56.
Use wage funds in trade correctly. N. Miakov. Fin. SSSR 17 no. 9:74-77 S '56.

WAGES—ACCOUNTING
The organization of wage payments to workers and employees. A. Fedorets. Bukhg. uchet 15 no. 8:32-33 Ag '56.

WAGES—ADVANCES
Special advance payments. N. D. Ladygin. Nauka i pered. op. v sel'khoz. no. 7:61-63 Jl '56.

WAGES—TABLES AND READY-RECKONERS
Salabanov, M. D. [Tables for the calculation of wages paid by the hour, day, and week] Tablitsy rascheta zarabotnoi platy; pri povremennoi sisteme oplaty truda. Izd. 7-e, perer. Moskva, 1956. 30 p.

WALKING
Joint victory. B. Kosvintsev. Fizk. i sport 26 no. 9:10 '56.

WALL NEWSPAPERS
A group wall newspaper. Prof.-tekh. obr. 13 no. 8:20 Ag '56.
IAkovlev, I. IA. [The wall newspaper] Stennaia gazeta. [Leningrad] Leningradskoe gazetno-zhurnal'noe i kn-vo, 1955. 98 p.

WALL PAINTING see Mural painting and decoration

WALLS
Broader use of panels for wall construction. A. Velichkin. Arkhit. SSSR no. 9:27-29 '56.
El'sinovskii, V. B. [Making large panels for walls] Proizvodstvo krupnykh stenovykh blokov. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 157 p.
Rotar', N. F. [Laying and facing the walls of buildings] Kladka i oblitsovka sten zdanii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 21 p. (Novatory stroitel'noi industrii)
Tables for selecting building walls according to heat engineering requirements (for industrial, public and subsidiary buildings and apartment houses). A. M. Shimanovich. Vod. i san. tekh. no. 9:21-28 S '56.
Using bent metal braces in major repairs to walls of brick buildings. A. L. Churaian. Trudy Inst. stroi. dela AN Gruz. SSR 3:151-170 '51.

WALNUT
Physiological characteristics of walnuts during the stratification period. L. K. Polishchuk. Nauk. zap. Kiev. un. 12 no. 7:71-75 '53.
Walnuts in shelterbelt zones of Moldavia. M. M. Tymko. Dokl. Akad. sel'khoz. 21 no. 9:32-35 '56.

WAR
The possibility of doing away with war in the present era. P. Presniakov. Komm. Kazakh. 26 no. 9:8-14 S '56.

WAR—RELIEF OF SICK AND WOUNDED—HISTORY
On the history of the sorting of casualties introduced by N. I. Pirogov. N. A. Oborin. Voen.-med. zhur. no. 10: 84-87 O '55.

WAR (INTERNATIONAL LAW)
Orlova, E. N. [Prohibition of war propaganda in modern international law; abstract of a dissertation submitted for the degree of candidate of the juridical sciences] Zapret propagandy voiny v sovremennom mezhdunarodnom prave; avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Moskovskii gos. univ. im. M. V. Lomonosova, 1956. 14 p.

WAR CRIMES TRIALS see subdivision under China; Tokyo

WAR MEMORIALS see subdivision under Kiev

WARBLE FLIES
Warble flies (Diptera, Hypodermatidae) of the goitered gazelle (Gazella subgutturosa Gueld.) [with summary in German]. K. IA. Grunin. Ent. oboz. 35 no. 3:716-723 '56.

WARBLES see subdivision under Chernigov Province

WARSAW—FASHION
Fashion contest in Warsaw. Sov. Soiuz no. 10:36 O '56.

WARSAW—THEATER
A poem about the fate of a people. V. Sechin. Teatr 17 no. 8:152-162 Ag '56.

WARYNSKI, LUDWIK, 1856-1889
Ludwik Waryński, founder of the first workers' party in Poland. M. Misko. Slaviane no. 9:55-57 S '56.

WASHING POWDERS
Creative cooperation of science and industry. IA. Kozlov. Prom. koop. no. 9:35 S '56.
Secondary alkyl sulfates as washing products. A. IU. Rabinovich, E. S. Skripchenko. Masl.-zhir. prom. 22 no. 6:19-20 '56.

WASHINGTON—ANTIBIOTICS—CONGRESSES
Conference on the use of antibiotics in agriculture (U. S. A.). E. N. Mishustin. Mikrobiologiia 25 no. 3: 386-389 My-Je '56.

WASPS
(see also subdivision under Maritime Territory)
Development of Telenomus gracilis Mayr (Hymenoptera, Scelionidae) and Oencyrtus pinicola (Mats.) (Hymenoptera, Encyrtidae), ovivourous parasites of the larch spinner. V. O. Boldaruev. Ent. oboz. 35 no. 1:101-109 '56.

WASSERMANN REACTION see Syphilis—Diagnosis—Wassermann reaction

WASTE, DISPOSAL OF see Factory and trade waste

WASTE HEAT
Enclosure for thawing frozen loads. I. G. Volchenko, IA. G. Shveiskii, A. I. Tyrykin. Koks i khim. no. 5:16-18 '56.
Utilization of condensate from engines and boilers in plants under the Ministry of Electric boilers in plants under the Ministry of Electric Power Stations. V. I. Zhukovskaia. Prom. energ. 11 no. 7:35 Jl '56.

WASTE LANDS
(see also subdivision under Ishknashim)
Vegetation dynamics on lands lying idle for various periods. B. G. Shurovenkov. Bot. zhur. 41 no. 6:880-883 Je '56.

WASTE PRODUCTS
Waste products in metal pressing; recovery and utilization. D. G. Ginzburg. Avt. i trakt. prom. no. 8:29-33 Ag '56.

WATCHES see Clocks and watches

WATCHMAKING see Clockmaking and watchmaking

WATER
Tables of the thermodynamic properties of water and water vapor at pressures up to 400 atm. and temperatures up to 750° C. S. L. Rivkin, A. M. Sirota. Teploenergetika 3 no. 8:52-54 Ag '56.
Water is a wonderful substance. Arthur M. Buswell, Worth Rodebush. Nauka i zhizn' 23 no. 9:17-20 S '56.

WATER—AERATION
Investigation of aeration in the flow of water in a model spillway hydroelectric power station. V. G. Sokolov. Trudy gidrav. lab. VODGEO no. 3:87-97 '52.

WATER—ANALYSIS
(see also subdivision under Balkhash, Lake; Kazakhstan)

Determination of zinc in water. N. F. Dobrovol'skii, V. I. Koroleva, P. M. Kozarenko. Gig. i san. 21 no. 9:83-84 S '56.

Determining indices of precipitability of a suspension in a cylinder with a conical bottom. G. D. Pavlov. Vod. i san. tekh. no. 7:28-29 Jl '56.

Difficulties in water sanitary-bacteriological analysis by the method of membrane filters and the investigation of Kichenko's rapid method. T. L. Natanson. Lab. delo 2 no. 1:25-28 Ja-F '56.

Method for lumineacence analysis of water. I. G. Popov. Lab. delo 2 no. 4:7-9 Jl-Ag '56.

Role of the chemical compositiom of atmospheric precipitation on the formation of natural water. E. S. Barkser, N. E. Fedorova. Nauk. zap. Kiev. un. 13 no. 4:155-159, '54.

Trilonometric method for determining the hardness of water under field conditions. N. K. Golovina, N. F. Koshelev. Voen.-med. zhur. no. 10:49-52 O '55.

WATER—BACTERIOLOGY
(see also subdivision under Kiev)

Effect of ultraviolet radiation on the longevity of the typhoid bacillus in reservoir water. S. A. Dreizin. Gig. i san. 21 no. 9:95 S '56.

Longevity of the typhoid fever bacillus in tap water. S. A. Dreizin. Gig. i san. 21 no. 9:95 S '56.

Utilization of biological research methods in foci of leptospirosis. L. V. Zarubina. Zhur. mikrobiol. epid. i immun. 27 no. 9:65-67 S '56.

WATER—PHYSIOLOGICAL EFFECT

Effect of baths on the health of swine. A. M. Grebenev. Svinovodstvo no. 5:39-40 Jl '56.

WATER—POLLUTION
(see also subdivision under Krasnoyarsk Territory; Moscow Province)

Case of water supply pollution by chromium. A. V. Basalaev, Z. M. Shneiderman. Gig. i san. 21 no. 9:68-69 S '56.

Health risks resulting from vacuums which form in water supply lines. A. G. Malienko-Podvysotskii. Gig. i san. 21 no. 9:66-67 S '56.

Pollution of water sources by radioactive matter and hygienic problems of the water supply. M. K. Markarian. Voen.-med. zhur. no. 10:43-49 O '55.

Some problems in the sanitary protection of waters from radioactive contamination. A. N. Marei. Gig. i san. 21 no. 9:7-11 S '56.

WATER—PURIFICATION
(see also subdivision under Corpus Christi; Czechoslovakia)

Controlling biological growths on heat exchange and water purification apparatus. G. S. Rodionov. Gidrolizn. i lesokhim. prom. 9 no. 6:28 '56.

Decontamination of water by germicidal irradiation. V. F. Sokolov. Sviotokhnika 2 no. 4:7-10 Jl '56.

The effect of industrial waste on water basins located in marine tide zones. A. V. Kanygina, M. P. Lebedeva, I. D. Rodziller. Vod. i san. tekh. no. 8:20-21 Ag '56.

Method of calculating devices for removing hydrogen sulfide from water. A. A. Knatal'skii. Vod. i san. tekh. no. 9:13-17 S '56.

New designs for water purification stations. A. M. Konlushkov. Vod. i san. tekh. no. 7:1-3 Jl '56.

Selecting a method of removing iron from artesian well water. V. A. Kliachko. Vod. i san. tekh. no. 8:8-11 Ag '56.

Using congulants for the clarification of sludge waters. V. IA. Toporkov. Koks i khim. no. 6:13-16 '56.

Using radioactive isotopes for water-purifying structures. Arkhit. i bud. 4 no. 2:28 Mr-Ap '56.

WATER, DISTILLED

Using the heat from compressed air to produce distilled water. Suggestion by L. A. Kossel'. Prom. energ. 11 no. 7:17-18 Jl '56.

WATER, HEAVY see Deuterium oxide

WATER, UNDERGROUND
(see also subdivision under Asht District; Ingulets Valley Kazakhstan; Kirovograd Province; Leninabad Province; Polesye; TSyurupinsk District)

Calculating steady inflow in wells following a drop in the level of underground water. Inzh. sbor. 23:147-157 '56.

The degree of salinity of upper soil strata as a function of the depth of ground waters. V. V. Egorov, G. V. Zakhar'ina. Dokl. AN SSSR 109 no. 4:851-853 Ag '56.

Determining the calculated radius of a depression and the flow of water for circular water lowering installations. V. V. Kotul'skii. Gidr. stroi. 25 no. 7:33-35 Ag '56.

Immediate tasks in the study of underground water used for city water supply. T. N. Elfimov. Vod. i san. tekh. no. 9:17-18 S '56.

Irrigation by underground water. I. G. Glukhov. Gidr. i mel. 8 no. 9:30-30 S '56.

Method for calculating the steady inflow of underground water in wells following a drop in the water level. I. A. Charnyi. Inzh. sbor. 23:158-163 '56.

Method of forecasting average monthly level of underground waters. S. P. Kavetskii, F. V. Shkalikov. Trudy KazNIGMI no. 5:3-7 '55.

WATER BIRDS

Harm done by fish eating birds. L. A. Portenko. Priroda 45 no. 9:127 S '56.

Practice in developing methods for the homogeneous transplantation of sexual glands in domesticated water fowl. P. A. Khranova's'kyi. Nauk. zap. Kiev. un. 13 no. 6:111-122 '54.

WATER CRESS

Poisonous properties of hay containing Nasturtium brachycarpum. P. G. Sidorov. Veterinariia 33 no. 10: 83-84 O '56.

WATER CYCLES

Water bicycle. A. F. Evdokimov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:73-74 Jl-S '56.

WATER FLIES see Flies

WATER HAMMER

Hydraulic impact in elastic-viscous pipes. I. P. Ginzburg. Vest. Len. un. 11 no. 13:99-108 '56.

Investigation of water hammer in a branching system of pipelines by the operational method. IU. V. Krylov. [Trudy] MVTU no. 67:5-34 '55.

WATER HEATERS

Anticorrosion protective device against gas combustion products in gas water heaters. K. K. Knapp, B. A. Epshtein. Gor. khoz. Mosk. 30 no. 7:11-13 Jl '56.

WATER IN THE BODY

Changes in some indexes of water-salt metabolism in the body under the influence of the adrenocorticotropic hormone (ACTH). V. R. Slobodskoi, R. L. Kovarskaia. Probl. endok. i gorm. 2 no. 2:67-71 Mr-Ap '56.

Effects of the thyroid hormone on the capacity of the organism to excrete excessive water. S. G. Genes, N. G. Lesnoi. Probl. endok. i gorm. 2 no. 3:38-48 My-Je '56.

WATER-JET

Calculating hydraulic jet amplifiers. B. D. Kosharskii. Avtom. i telem. 17 no. 7:611-619 Jl '56.

WATER METERS

Floating water level controller without stuffing box. F. P. IAnutsevich. Priborostroenie no. 8:32 Ag '56.

Pressure losses in standard water meters and water inlet pipes of buildings. V. A. Gladkov, N. E. Fomkin. Vod. i san. tekh. no. 7:16-17 Jl '56.

WATER PIPES

Determining places of damage in underground pipelines. V. P. Popov. Vod. i san. tekh. no. 7:14-15 Jl '56.

Pressure losses in standard water meters and water inlet pipes of buildings. V. A. Gladkov, N. E. Fomkin. Vod. i san. tekh. no. 7:16-17 Jl '56.

Standard plans of wells and chambers in petroleum lines, water lines, and water supply systems. L. P. Trusov. Strol. pred. neft. prom. 1 no. 7:12-14 S '56.

WATER PIPES—CORROSION see subdivision under Georgia

WATER PLANTS see Aquatic plants

WATER POLO

Friends and companions. Georgii Chernov. Sp. igry 2 no. 7:20 Jl '56.

The most important thing. N. Korolev. Sp. igry 2 no. 7:14 Jl '56.

WATER REQUIREMENTS OF PLANTS see Plants—Water requirements

WATER RESOURCES DEVELOPMENT

Chaplygin, A. V. [Problems of interbasin water systems] Voprosy mezhbasseinovykh vodokhoziaistvennykh svinzei. Moskva, Izd-vo Akademii nauk SSSR, 1956. 136 p.

WATER SOFTENING

Experience with operating a lime-cation water softening unit. A. A. Kazanskii. Vod. i san. tekh. no. 7:11-14 Jl '56.

WATER SUPPLY
(see also subdivision under Moscow; Spain)

Health risks resulting from vacuums which form in water supply lines. A. G. Malienko-Podvysotskii. Gig. i san. 21 no. 9:66-67 S '56.

Water supply of workers during mining operations. L. F. Sidorov. Gig. i san. 21 no. 9:92 S '56.

WATER SUPPLY, RURAL

Textbook on agricultural water supply and land improvement work for land use institutes and faculties ("Agricultural water supply and improvement." A. IA. Kalabugin, S. I. Murashev. Reviewed by I. I. Kobzikov, G. A. Kuznetsov). Gidr. i mel. 8 no. 9:61-62 S '56.

Water supply on virgin lands. K. S. Kornev. Nauka i pered. op. v sel'khoz. no. 8:53-55 Ag '56.

WATER SUPPLY, RURAL—STANDARDS

On the quality of water for animal husbandry farms. Vod. i san. tekh. no. 9:31 S '56.

WATER SUPPLY ENGINEERING
(see also subdivision under Moscow; Siberia)

Attaching pumps to city water supply systems to increase pressure. Vod. i san. tekh. no. 9:31 S '56.

Immediate tasks in the study of underground water used for city water supply. T. N. Elfimov. Vod. i san. tekh. no. 9:17-18 S '56.

Some problems in the efficient calculation of water supply systems [in Georgian with summary in Russian]. O. Sh. Kokochashvili. Trudy Inst. stroi. dela AN Gruz. SSR 4:149-163 '53.

WATER SUPPLY ENGINEERING—BIBLIOGRAPHY see Bibliography—Water supply engineering

WATER TOWERS

Resistance of water towers to the action of horizontal loading [in Georgian with summary in Russian]. Sh. G. Napetvaridze. Trudy Inst. stroi. dela AN Gruz. SSR 3:71-83 '51.

Water tower combined with a pumping station. A. Savinov. MTS 16 no. 9:30 S '56.

Water tower of a new design. A. A. IAvors'kyi. Sots. tvar. 28 no. 10:53 O '56.

WATER VOLES

Geographic distribution and the landscape-ecological structure of areas populated by Arvicola terrestris L. A. A. Maksimov. Dokl. AN SSSR 109 no. 2:389-392 Jl '56.

WATERS, MINERAL see Mineral waters

WAVE FILTERS, ELECTRIC see Electric filters

WAVE GUIDES

One method of calculating propagation constants in wave guides having nonideal conducting walls. L. N. Loshakov. Radiotekhnika 11 no. 9:8-11 S '56.

WAVE-MOTION, THEORY OF

Theory of stationary capillary waves of finite amplitude. IA. I. Sekerzh-Zen'kovich. Dokl. AN SSSR 109 no. 5: 913-915 Ag '56.

WAVES

Calculating the repeated rebound of waves in hydrostation feeder channels. I. A. Vaisfel'd. Trudy gidrav. lab. VODGEO no. 3:35-48 '52.

Erratic waves and the wave system in ports. A. S. Ofitserov. Trudy gidrav. lab. VODGEO no. 3:49-61 '52.

Measuring waves in three-dimensional models. A. S. Ofitserov. Trudy gidrav. lab. VODGEO no. 3:98-103 '52.

Nekrasov's equation in the theory of waves at the surface of heavy fluid. M. A. Krasnosel'skii. Dokl. AN SSSR 109 no. 3:456-459 Jl '56.

Tangential force of the wind as a factor in the energy increment of waves. V. V. Shuleikin. Dokl. AN SSSR 109 no. 4:761-763 Ag '56.

WAVES, CALMING OF

Bubble screen. S. Zhak. Znan. sila 31 no. 9:32 S '56.

WAXES

Wax from peat. V. Kuprevich. Ogonek 34 no. 38:12 S '56.

WEAPONS, ATOMIC see Atomic weapons

WEAR, MECHANICAL see Mechanical wear

WEASELS

A book for young hunters ("Hunting ermines, weasels [Mustela sibirica], and polecats." N. Nagaev. Reviewed by P. Osipov). Okh. i okh. khoz. no. 9:55 S '56.

Characteristics and causes of the continuous decrease in the ermine population of forest-steppe and steppe zones of the U. S. S. R. N. P. Lavrov. Trudy VNIO no. 16:89-107 '56.

Sexual dimorphism of the skull in ermines (Mustela erminea L.). O. V. Petrov. Vest. Len. un. 11 no. 15:41-56 '56.

WEATHER—MENTAL AND PHYSIOLOGICAL EFFECT

Medical rating of weather. G. P. Fedorov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 3:23-27 Jl-S '56.

WEATHER FORECASTING

Weather in the stadium. M. Sinitsin. Leg. atl. no. 8: 24 Ag '56.

WEATHERING see subdivision under Kazbek, Mount; Ufa

WEAVING see subdivision under United States

WEED CONTROL

Chemical control of the Egyptian broomrape. D. T. Kabulov, S. IU. IUnusov. Sad i og. no. 8:28 Ag '56.

Harrowing fall-plowed fields is an important measure in controlling weeds. S. A. Kott. Nauka i pered. op. v sel'khoz. no. 8:22-23 Ag '56.

WEED CONTROL (Continued)

Prevent weeds from growing on new lands. N. S. Sokolov, S. P. Gorbunova. Nauka i pered. op. v sel'khoz. no. 7: 32-34 Jl '56.

Problem of the chemical control of quack grass. V. S. Birlukova. Zemledelie 4 no. 9:92-95 S '56.

Tooth harrow and weeder for cultivating potatoes. S. Gnedin. MTS 16 no. 8:29-30 Ag '56.

Use of herbicides in cotton plantings in the United States. A. Prugalov. Khlopkovodstvo 6 no. 8:57-59 Ag '56.

WEEDS
(see also subdivision under Moldavia; Turkmenistan)

Quarantine weed of the genus Striga. R. A. Safra. Zashch. rast. ot vred. i bol. 1 no. 2:52 My-Je '56.

Some of the more imprtant pasture weeds on southern slopes of the Gissar Range and their control. L. P. Sin'kovskii. Trudy AN Tadz. SSR 3:79-114 '52.

WEEVILS
(see also subdivision under Far East; Soviet Central Asia; Tajikistan; Uzbekistan)

Working out electrotechnical methods for controlling sugar beet weevils. A. A. Peredel'skii, L. S. Osipova, V. N. Efimov. Bioftizika 1 no. 5:472-479 '56.

WEIGHING-MACHINES

Continuous automatic batching of moist concentrates. I. A. Burovoi, I. M. Bernshtein. TSvet. met. 29 no. 7: 47-53 Jl '56.

Russia (1923- U.S.S.R.) Glavnoe kommercheskoe upravlenie. [Instructions for weigh masters (freight agents)] Instruktsiia vesovshchiku (kommercheskomu agentu). Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 139 p.

WEIGHT LIFTING

Arkadii Vorob'ev at the weight bar. B. Isaev. Smena 33 no. 15:4 Ag '56.

Borisov, I. B. [The strong and the skilful] O sil'nykh i umelykh. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 84 p.

They established world records. V. Petrusenko. Fizk. i sport 26 no. 9:6-7 '56.

WEIGHT THROWING

What the motion-picture records tell us. L. Plaksenko. Leg. atl. no. 8:9-12 Ag '56.

WEIGHTS AND MEASURES

Plonskii, A. F. [Measurements and measures] Izmerenila i mery. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 61 p. (Nauchno-populiarnaia biblioteka, no. 37)

WEINERT, ERICH, 1890-1953

Story of a restless life ("Erich Weinert narrates" [in German]. Reviewed by V. Devekin. Inostr. lit. no. 8: 255-256 Ag '56.

WELDING
(see also subdivision under Frankfurt am Main)

Frumin, I. I., and V. K. Petrichenko. [Automatic welding in hard facing steel rolled girders; a practical manual] Avtomaticheskaia naplavka stal'nykh prokatnykh valkov; prakticheskoe rukovodstvo. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 114 p.

Progressive method of welding reinforcements during erection. V. IA. Dul'kin. Mekh. stroi. 13 no. 8:16-20 Ag '56.

WELDING, ELECTRIC see Electric welding

WELDING, GAS see Gas welding and cutting

WELFARE WORK see Public welfare

WELLS

Designing and building high-discharge wells. F. S. Botarintsev. Reviewed by P. A. Pandratov. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:97-100 '52.

In the Scientific and Technical Council of the Ministry of Agriculture of the U. S. S. R. K. M. Lapidovskii. Gidr. i mel. 8 no. 10:63-64 O '56.

Standard plans of wells and chambers in petroleum lines, water lines, and water supply systems. L. P. Trusov. Stroi. pred. neft. prom. 1 no. 7:12-14 S '56.

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—LEPTOSPIROSIS

Leptospirosis among domestic animals in West Kazakhstan Province. D. M. Shapiro. Izv. AN Kazakh. SSR. Ser. fiziol. i med. no. 7:82-84 '56.

WESTERN DVINA RIVER—WATER POWER

Quantitative characteristics of the Western Dvina River basin as represented by graphs. M. N. Murashka, P. D. Hatsila. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:25-37 '56.

WESTERN EUROPE see Europe, Western

WETTING, HEAT OF see Heat of wetting

WHALERS

Whale processing ship. Sudostroenie 22 no. 7:6 Jl '56.

WHALES

"Pat the whale." Vokrug sveta no. 9:59 S '56.

WHALING
(see also subdivision under Antarctic regions)

Hunting the largest game. L. Nere. Mol. mira no. 8:14-15 '56.

WHEAT
(see also subdivision under Kazakhstan; Kuban; Kurgan Province; Omsk Province; Poleasye)

Controlling the loss of winter wheat. A. G. IAkovlev. Zemledelie 4 no. 9:123-124 S '56.

Development of vascular tissue in wheat and onion leaves. L. P. Chel'tsova. Izv. AN SSSR. Ser. biol. no. 4:74-82 Jl-Ag '56.

Effect of autumnal conditions on the soluble carbohydrate contents in spring wheat transformed into winter wheat. D. S. Omarov. Dokl. AN SSSR 109 no. 1:217-220 Jl-Ag '56.

Effect of growing conditions on the frost-resistance of winter crops. D. F. Protsenko, G. M. Dubinskaia, E. F. IAdrintseva. Nauk. zap. Kiev. un. 8 no. 5:91-116 '49.

Effect of mineral fertilizers on yields of winter wheat in fields under saturation irrigation. N. V. Popov. Ud. i ur. 1 no. 7:20-23 Jl '56.

Effect of organomineral fertilizers on soil microbiology. P. A. Vlasiuk, K. M. Dobrotvorskaia, R. N. Oleinik. Mikrobiologiia 25 no. 3:293-298 My-Je '56.

Effect of the yarovization of spring wheat on the yield and quality of seeds. Z. D. Krasikov, V. I. Chukanov. Agrobiologiia no. 4:70-77 Jl-Ag '56.

Effect of tillage methods on winter wheat harvest. K. V. Kobakhidze. Soob. AN Gruz. SSR 17 no. 6:509-514 '56.

Fungi on spring wheat roots. M. I. Homoliako. Mikrobiol. zhur. 18 no. 3:12-24 '56.

Growth and absorption capacity of wheat root systems in connection with the developmentat phase of the plants. S. S. Andreenko. Vest. Mosk. un. 11 no. 5:75-81 My '56.

H. Stubbe's new data on the "conversion" of winter wheat to spring wheat. D. V. Lebedev. Bot. zhur. 41 no. 6: 897-899 Je '56.

Hereditary transformation of the Markiz spring wheat into winter wheat. N. P. Glinianyi. Agrobiologiia no. 4: 46-55 Jl-Ag '56.

Influence of heteroauxin treatment of wheat seeds on their bioelectric potentials. V. A. Opritov. Dokl. AN SSSR 109 no. 4:765-767 Ag '56.

Method of predicting the state of winter wheat during its winter dormancy. V. M. Lichikaki. Trudy Ukr. NIGMI no. 3:25-32 '55.

Nature of the splitting of wheat hybrids obtained by zonal pollination. V. O. Gulkanian, S. G. Oganesian. Dokl. AN Arm. SSR 9 no. 5:225-230 '48.

Physiological characteristics of Lutescence 17 winter wheat following various times of sowing. L. K. Polishchuk. Nauk. zap. Kiev. un. 12 no. 7:47-62 '53.

Practice of Chelyabinsk School Number 1 in explaining the best times to sow spring wheat. P. I. Kralin. Est. v shkole no. 5:71-76 S-O '56.

Role of rhizosphere micro-organisms in transmitting phosphorus to wheat germs. V. T. Smalii. Mikrobiol. zhur. 18 no. 3:6-11 '56.

Shapoval, A. G. [Progressive method of raising winter wheat] Peredovoi opyt vozdelyvaniia ozimoi pshenitsy. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 111 p. (Peredovoi opyt v sel'skom khoziaistve) (DA)

Should spring or winter wheat be sown on clean fallows? I. G. Troitskii, O. A. Dmitrochenko. Zemledelie 4 no. 9:14-21 S '56.

Some methods of cultivation for winter wheat. K. I. Saichuk. Zemledelie 4 no. 9:70-72 S '56.

Variability of branched wheat under the effect of chemical fertilizers. G. S. Davtian, I. R. IUzbashian. Dokl. AN Arm. SSR 11 no. 3:105-110 '53.

WHEAT—DISEASES AND PESTS see subdivision under Kirghizistan; Vinnitsa Province

WHEAT—HARVESTING see subdivision under China

WHEELS

Selecting steel for pairs of car wheels. V. A. Kislik, A. I. Karmazin. Zhel. dor. transp. 38 no. 8:24-26 Ag '56.

WHITE, CHARLES, 1918-

Monograph about a Negro artist ("An American artist." Charles White. Reviewed by A. Sidorov). Iskusstvo 19 no. 5:89-70 '56.

WHITE RUSSIA—AGRICULTURE

Increase the activities of Communist Youth League organizations in their struggle for the development of the republic's agriculture. G. Kriulin. Komm. Bel. 26 no. 8:29-38 Ag '54.

Scientific achievements and work practice of foremost workers in agriculture. P. Levitskii. Komm. Bel. 26 no. 10:57-67 O '54.

Skoropanov, S. G., B. M. Rozenblium, and A. P. Van'kevich. [New and waste lands of White Russia and their reclamation] TSelinnye i zalezhnye zemli BSSR i ikh osvoenie. Minsk, Gos. izd-vo BSSR, 1956. 122 p.

WHITE RUSSIA—ALLIED INTERVENTION, 1918-1920

Book that unmasks American aggressors ("Failure of American and English plans of aggression in White Russia in 1917-1920." S. M. Isachenko. Reviewed by L. Sterin). Komm. Bel. 26 no. 8:74-80 Ag '54.

WHITE RUSSIA—AUTUMN

Golden days. V. Ramanenka. Biarozka 32 no. 9:30 S '56.

WHITE RUSSIA—CITY PLANNING

Builders. M. Maliukevich. Belarus' 13 no. 9:10-11 S '56.

WHITE RUSSIA—COLLECTIVE FARMS

The "Rassvet" Collective Farm and its chairman. Jiří Brunner. Translated from the Czech. Slaviane no. 10:35-39 O '56.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

Strictly observe the principles of collective leadership. V. Bykovskii. Komm. Bel. 26 no. 8:39-47 Ag '54.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Improvement of political work among the rural population is an urgent task for party organizations. Komm. Bel. 26 no. 8:1-8 Ag '54.

WHITE RUSSIA—COMMUNIST YOUTH LEAGUE

Increase the activities of Communist Youth League organizations in their struggle for the development of the republic's agriculture. G. Kriulin. Komm. Bel. 26 no. 8:29-38 Ag '54.

WHITE RUSSIA—CULTURE

Brief news. Polymia 34 no. 8:159-160 Ag '56.

Brief news. Polymia 34 no. 9:159-160 S '56.

Ivan Franko and White Russian culture. P. Akhrymenka. Polymia 34 no. 8:118-123 Ag '56.

WHITE RUSSIA—ECONOMIC GEOGRAPHY

What's new on the map of White Russia; an article. I. Trukhan. Biarozka 32 no. 10:7-9 O '56.

WHITE RUSSIA—EDUCATION

Toward a new school year. I. M. Il'iushyn. Biarozka 32 no. 9:1 S '56.

WHITE RUSSIA—FLAX

For high profits in flax growing. M. Mel'nikov. Komm. Bel. 26 no. 10:68-75 O '54.

WHITE RUSSIA—FOLK ART

Important subject. N. Tarasikau. Belarus' 13 no. 9:28 S '56.

WHITE RUSSIA—GARDENING

Autumn comes. V. Ramanenka. Biarozka 32 no. 10:30 O '56.

WHITE RUSSIA—GEOLOGICAL SURVEYS

Geological data on electric and seismologic prospecting in White Russia. S. I. Rynh. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:39-50 '56.

WHITE RUSSIA—HISTORY

Kravchenko, I.S., N.T.Romanovskii, and T.K.Khadkevich. [White Russian S.S.R.] Belorusskaia SSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 190 p.

The people's war in 1812 in White Russia. N. Halavanau. Belarus' 13 no. 9:31 S '56.

WHITE RUSSIA—MELONS

Cultivating watermelons and melons in White Russia. P. Shestopal. Sad i og. no. 8:21-23 Ag '56.

WHITE RUSSIA—NAMES, GEOGRAPHICAL

Origin of the names "White Russia" and "Black Russia." I. IUkho. Belarus' 13 no. 9:20 S '56.

WHITE RUSSIA—PASTURES AND MEADOWS

Hydraulic conditions of a experimental plot for bottomland meadows formation. F. I. Sakovich. Trudy Inst. mel., vod. i bol. khoz. AN BSSR 6:281-300 '55.

WHITE RUSSIA—PEASANTRY—HISTORY

Changes in the legal status of the peasantry in the Great Duchy of Lithuania in the 16th century. D. L. Pokhylevych. Nauk. zap. L'viv. un. 25:147-176 '53.

Peasants-servants in the 16th-17th centuries in Lithuania and western White Russia. D. L. Pokhilevich. Nauk. zap. L'viv. un. 36:144-172 '55.

WHITE RUSSIA—PEAT

Criticism of the author should be strict, objective, and helpful. G. Bakulev. Vop. ekon. no. 9:149-151 S '56.

WHITE RUSSIA—PHYSICAL EDUCATION AND TRAINING

The winners are the strongest, the sharpest, and the most persistent; a photosketch. O. Vasil'eva. Biarozka 32 no. 9:16-17 S '56.

WHITE RUSSIA—PIONEERS (COMMUNIST YOUTH)
Sound of Pioneers' horns; a photoreport. Biarozka 32 no.10:16-17 O '56.

WHITE RUSSIA—POLITICAL BALLADS AND SONGS
Revolutionary songs in former western White Russia. Ul.Kalesnik. Polymia 34 no.9:106-117 S '56.

WHITE RUSSIA—REPATRIATION
Homecoming. V. Pavlik. Slaviane no.10:46-49 O '56.

WHITE RUSSIA—ROCKS, CRYSTALLINE AND METAMORPHIC
Geological reasons for magnetic and gravitational anomalies in the region of the White Russian-Lithuanian massif of crystalline rocks. B.V. Bandarenka, L.I. Novahrablena. Vestsi AN BSSR Ser. fiz.-tekh. nav. no.1:51-64 '56.

WHITE RUSSIA—SOVIET
Raise the level of local soviets' work. V. Kozlov. Komm. Bel. 26 no.8:16-28 Ag '54.

WHITE RUSSIA—SPORTS
For the honor of the team; a sketch. A. Maiski. Biarozka 32 no.10:27-28 O '56.

WHITE RUSSIA—STATISTICS
Economic work of the statistical administration of the White Russian S.S.R. S. Malychev. Vest. stat. no.4: 84-91 Jl-Ag '56.

WHITE RUSSIA—SWINE
Keeping swine in groups. N.A. Shcherbov. Svinovodstvo no.3:33-36 My '56.

WHITE RUSSIA—THEATER
Defense of dissertations. Teatr 17 no.8:186 Ag '56.

WHITE RUSSIAN LANGUAGE—GRAMMAR
Lomtev, T.P. [A grammar of the White Russian language; a textbook for universities and pedagogical institutes] Grammatika belorusskogo iazyka; posobie dlia universitetov i pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 335 p.

WHITE RUSSIAN LANGUAGE—WORDS—HISTORY
About the word "rubel." I.IU. Belarus' 13 no.9:32 S '56.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM
Cordial words of friendship. Vl.IUrevich. Slaviane no.10:51-53 O '56.
For new progress in White Russian literature. I. Shamiakin. Komm. Bel. 26 no.8:64-73 Ag '54.

WHITE RUSSIAN LITERATURE—STUDY AND TEACHING
Carry out your innermost dreams. Mikhas' Kalachynski. Biarozka 32 no.9:31 S '56.

WHITE RUSSIAN NEWSPAPERS—HISTORY
Herizen and "Muzyckoja pravda" (The peasants' truth). A. Zhukouski. Belarus' 13 no.9:29 S '56.

WHITE RUSSIAN SATIRE see Satire, White Russian

WHITEFISHES
(see also subdivision under Moldavia; Pechora Basin)
On the inheritance of hypertrophy of the sexual glands in males of Coregonus albula ladogensis hybrids. I.G. Shchupakov, L.N. Kharchenko. Dokl. AN SSSR 108 no.5:948-951 Je '56.

WHOLESALE TRADE—FINANCE
New developments in State Bank control over small-lot wholesaling of goods. E. Bol'shakova. Den. i kred. 14 no.9:53-56 S '56.

WHOOPING COUGH
Development of children following severe cases of whooping cough. K.S. Ladodo, B.V. Lebedev. Sov. med. 20 no.8:40-44 Ag '56.

WHOOPING COUGH—PREVENTIVE INOCULATION
Testing the reactivity and antigenic action of combined whooping cough vaccine. Report no.4: Study of the toxic properties of Hemophilus pertussis. E.F. Trushina-Tumanova. Zhur. mikrobiol., epid. i immun. 27 no.6:42-47 Ag '56.

WILD BOARS see subdivision under Georgia

WILD LIFE, CONSERVATION OF
Feeding wild animals. Okh. i okh. khoz. no.8:28-29 Ag '56.
In the Commission on the Conservation of Nature of the Academy of Sciences of the U.S.S.R. L.V. Dentsova. Bot. zhur. 41 no.6:934-936 Je '56.
Planting for shelter and food. E. Krainev. Okh. i okh. khoz. no.9:10 S '56.

WILD LIFE, CONSERVATION OF—CONGRESSES
International meeting on the conservation of natural resources. G. Dement'ev, L. Shaposhnikov. Okh. i okh. khoz. no.9:31-33 S '56.

WILD OATS
Removing wild oats from oats and barley. S. Cherepanov. MTS 16 no.9:33-34 S '56.

WILLOWS
Chemical control of willow thickets on pastures. P.A. Samgin. Nauka i pered. op. v sel'khoz. no.9:28-30 S '56.

WILSON, MITCHELL A.
New novel of Mitchell Wilson ("My brother, my enemy." Mitchell A. Wilson. Translated from the English. Reviewed by Nadiia Matuzova). Ukraina no.17:30 S '56.

WILSON CHAMBER see Cloud chamber

WINCHES
Cable drum brake with a loading gear. F. Leiner. Mor. flot 16 no.8:27 Ag '56.

WIND POWER
On the pamphlet "Utilization of wind power" by A. Derigo. Elek. sta. 27 no.7:64 Jl '56.

WINDBREAKS, SHELTERBELTS, ETC.
(see also subdivision under Moldavia)
Forest shelterbelts on the Volga Valley railroad. G.I. Selivanov. Zhel. dor. transp. 38 no.9:83-85 S '56.
Pomaranov, S.F. [Orchard with a windbreak] Sad pod zashchitoi lesa. [Gor'kii] Gor'kovskoe kn-vo, 1955. 162 p. (DA)
Role of shelterbelts in increasing soil moisture due to snow accumulation. A.L. Molchanov. Trudy Ukr. NIGMI no.3:33-39 '55.

WINDMILLS
The D-12 windmill. V. Filatov. Sovkhoz. proizv. no.9: 73-75 S '56.
New windmills for the mechanization of heavy farm work. A. Karmishin. Moloch. i miasn. zhiv. no.3:56-60 My '56.

WINDOWS
New standards for transom windows. V. Al'brand, B. Lozhkin. Arkhit. SSSR no.9:38-39 '56.

WINDS
Relation of the wind to the water level and to steady currents in shallow sea. A.I. Fel'zenbaum. Dokl. AN SSSR 109 no.1:80-83 Jl-Ag '56.
Tangential force of the wind as a factor in the energy increment of waves. V.V. Shuleikin. Dokl. AN SSSR 109 no.761-763 Ag '56.
There won't be any wind. M. Sinitsyn. Smena 33 no.15: 24 Ag '56.

WINDS—PHYSIOLOGICAL EFFECT
Basis for hygienic standards for wind protection measures. A.I. Itskova. Gig. i san. 21 no.9:11-18 S '56.

WINE AND WINE MAKING—ANALYSIS
Polarographic determining of furfurole. IA.E. Ekster. Sad. vin. Mold. 11 no.4:50-53 Jl-Ag '56.

WINE AND WINE MAKING—APPARATUS AND SUPPLIES
Fermentation of the distilling material for champagne in reinforced concrete tanks. G.I. Kalugina, V.F. Litvinov. Sad. vin. Mold. 11 no.4:53-55 Jl-Ag '56.

WINE AND WINE MAKING—BACTERIOLOGY
Where commercial plants obtain Saccharomyces vini yeasts? [With English summary in insert.] G.I. Mosiashvili. Mikrobiologiia 25 no.4:484-488 Jl-Ag '56.

WINNIPEG—UKRAINIANS
Love for the Great mason. V. Osipov. Slaviane no.9:50-54 S '56.

WIRE
Agiitskii, V.A. [The manufacture of copper wire bars; theory and practice] Proizvodstvo mednykh vaierbarsov; teoriia i praktika. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 287 p.
Reeler for continuous wire drawing. V.F. Moseev. Vest. mash. 36 no.6:23-24 Je '56.

WIRE—WELDING
Butt welding of wire in patenting furnaces. A.A. Babushkin, O.A. Pal'chikov. Metallurg no.9:29-30 S '56.

WIRE ROPE
Effect of wire rope lapping on its internal dynamic stresses (second stage of lifting). V.V. Gergievskaia. Prykl. mekh. 2 no.2:147-151 '56.

WIRELESS TELEGRAPH see Telegraph, Wireless

WIREWORM
Control of wireworms in corn plantings. I.D. Shapiro. Kukuruza 1 no.2:54-55 My '56.
Effect of cultivation practices on the decrease of wireworms. B.G. Shurovenkov. Zashch. rast. ot vred i bol. 1 no.2:35-36 My-Je '56.
Use of benzene hexachloride in controlling wireworms in sunflower fields. S.A. Persin. Nauka i pered. op. v sel'khoz. no.8:27-28 Ag '56.

WIRING, ELECTRIC see Electric wiring

WIT AND HUMOR
What is humor? A.IA. Novyi mir 32 no.8:283 Ag '56.

WIT AND HUMOR—PERIODICALS see subdivision under Kazakhstan

WOLFF, CASPAR FRIEDRICH, 1733-1794
C.F. Wolff's notes on his opponents' remarks concerning his dissertation. A.E. Gaisinovich. Vop. ist. est. i tekh. no.1:227-231 '56.

WOLLASTONITE see subdivision under Tajikistan

WOLVES
Destroy wolves. Okh. i okh. khoz. no.9:20 S '56.
Hunting from airplanes. I. Chernovolenko. Okh. i okh. khoz. no.8:17 Ag '56.
Shooting wolves at the bait in summer. N. Bulko. Okh. i okh. khoz. no.8:17 Ag '56.
Under reliable protection. T. Vishnevskii. Okh. i okh. khoz. no.8:60 Ag '56.

WOMEN
(see also subdivision under Vietnam, North)
Amazing person. Helen Waterhouse. Sov. zhen. 12 no.9:32-33 S '56.
Bil'shai, V.L. [Solution of the problem of women in the U.S.S.R.] Reshenie zhenskogo voprosa v SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 245 p.
Cordiality and hospitality. Sushama Sen Gupta. Sov. zhen. 12 no.9:33 S '56.
Seminar on equal rights of women in the U.S.S.R. Sov. zhen. 12 no.9:35 S '56.
Treat Kioko as your own sister. Mizushuma Nobuichi. Sov. zhen. 12 no.9:31 S '56.

WOMEN—CONGRESSES see subdivision under Budapest; Pyonguang, Korea

WOMEN—EMPLOYMENT
(see also subdivision under South Africa, Union of)
Appeal of the World Conference of Women Workers. Vsem. prof. dvizh. no.7:1 Jl '56.
Pages from a diary. Mykhaito Tkachuk. Zhovten' 6 no.10:20-23 O '56.

WOMEN AND PEACE
Petrova, L.I. [The International Democratic Federation of Women for peace, equality of women, and happiness of children] Mezhdunarodnaia demokraticheskaia federatsiia zhenshchin za mir, ravnopravie zhenshchin i schast'e detei. Moskva, Gos. izd-vo polit. lit-ry, 1956. 239 p.

WOOD
Changes in the anatomical structure of wood under the action of mechanical agents. V.E. Moskaleva. Dokl. AN Arm. SSR 9 no.5:207-212 '48.
Conventional designation for wood on blueprints. A.A. Usachev. Der. prom. 5 no.8:14-15 Ag '56.
Effect of growing conditions on physical and mechanical properties of pine wood in the Komi A.S.S.R. V.D. Nadutkin. Trudy Komi. fil. AN SSSR no.3:83-91 '55.
Effect of the fifteen-year tapping on the quality of butt logs. V.P. Sinitskii, M.B. Akhremovich. Gidroliz. i lesokhim. prom. 9 no.6:16-17 '56.

WOOD—CHEMISTRY
Paste made of carboxymethyl ether of cellulose. M.Z. Finkel'shtein, V.A. Pospelov, I.S. Goloshchapova. Der. prom. 5 no.8:12-13 Ag '56.

WOOD—MEASUREMENT
Deformation of wood surfaces by the pressure exerted by measuring instruments. B.M. Buglai. Der. prom. 5 no.

WOO
Del
V
p

Dry distillation of wood in fluidized bed. Gidroliz. i lesokhim. prom. 9 no.6:30-31 '56.

WOOD FINISHING
Finishing beech to resemble more valuable types of wood. V.A. Fadeev. Der. prom. 5 no.8:19 Ag '56.
Sixteen minutes instead of eleven days. Znan. sila 31 no.6:36 Ag '56.
Specific loss of wood in grinding. S.B. IUdin. Der. prom. 5 no.8:11 Ag '56.

WOOD-STAINING FUNGI
Some data on the spreading of hyphae of different species of wood-staining fungi in the wood of the pine. S.A. Tumanian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 9 no.8:37-45 Ag '56.

WOOD TAR
Composition of acid wood tars ("Chemische Technik" no. 3 1955). Gidroliz. i lesokhim. prom. 9 no.6:32 '56.
Processing of beech tar. N.I. Silishchenskaia. Gidroliz. i lesokhim. prom. 9 no.6:28 '56.

WOOD TAR (Continued)
The production of tar-impregnated wood should be mechanized. A. Fridman. Prom. koop. no. 9:35 S '56.

WOOD-USING INDUSTRIES
Mechanical drilling of holes in harvesting stump wood. N. D. Vatolin, A. N. Rozhdestvenskii. Gidroliz. i lesokhim. prom. 9 no. 6:26 '56.
Persistently disseminate progressive practices. Gidroliz. i lesokhim. prom. 9 no. 6:1-2 '56.

WOOD WASTE
Gas producer for gasification of wood wastes. V. A. Liamin. Gidroliz. i lesokhim. prom. 9 no. 6:11-12 '56.
Materials of wood waste without admixtures. A. Rabinkov, N. Pirapletchik. Stroi. mat., izdel. i konstr. 2 no. 8:36 Ag '56.

WOODEN BRIDGES see Bridges, Wooden

WOODPECKERS see subdivision under Kiev Province

WOODPULP INDUSTRY
(see also subdivision under China; Germany, East; Segezha)
Chlorine dioxide as a new bleaching agent. I. E. Flis. Bum. prom. 31 no. 8:9-13 Ag '56.
Continuous bleaching of liquid woodpulp with hydrogen peroxide. P. A. Tumbin. Bum. prom. 31 no. 8:16-17 Ag '56.
Fully satisfy the country's needs in paper, paperboard and paperpulp. Bum. prom. 31 no. 7:3-5 Jl '56.
In the Scientific and Technical Association of Paper and Woodworking Industry. Bum. prom. 31 no. 8:29-31 Ag '56.
New technological processes should be made available to industry. Bum. prom. 31 no. 8:3-4 Ag '56.

WOODWORK
The mailbox. Biarozka 32 no. 9:29 S '56.

WOODWORKERS
Books by Max Cohen ("What nobody told the foreman" and "I was one of the unemployed" [both in English]. Reviewed by N. Eishiskina). Inostr. lit. no. 8:257-258 Ag '56.

WOODWORKING INDUSTRIES
For an early completion of the 1956 plan. Der. prom. 5 no. 9:1-2 S '56.
Greater cooperation between scientific and planning services and the industry. Der. prom. 5 no. 8:1-2 Ag '56.
In the Scientific and Technical Association of Paper and Woodworking industries. Bum. prom. 31 no. 7:30 Jl '56.

WOODWORKING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Woodworking industries

WOODWORKING MACHINERY
Machine for rabbetting door and window frames to secure the hinges. Kh. M. Aronov. Der. prom. 5 no. 9:24 S '56.
Suggestions for greater efficiency. Sel'. stroi. 11 no. 8: 28 Ag '56.
Technological diagrams and productivity of woodcutting machines. N. V. Makovskii. Der. prom. 5 no. 9:8-11 S '56.
Wood bending machines. A. A. Orekhov. Der. prom. 5 no. 9:11-14 S '56.
Wood milling with tapered cutters. N. A. Kriazhev. Der. prom. 5 no. 9:3-5 S '56.
Woodworking machines of new design; (from the "Timber Trades Journal" Annual Special Issue 1955). Der. prom. 5 no. 8:31-32 Ag '56.

WOOL
(see also subdivision under Stavropol Territory)
Effect of keratin on the wool productivity of sheep. V. G. Iakovlev and others. Trudy Biol. inst. KirFAN SSSR no. 4:103-111 '51.
Increasing the wool productivity of sheep is an important task of veterinary workers. I. A. Troitskii. Veterinariia 33 no. 10:78-80 O '56.
Iskakov, Eszhan. [More then 7 kilograms of fine wool from each sheep] Za 7 kilogrammov tonkoi shersti ot kazhdoi ovtsy. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 21 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)
Skin structure of Gissar sheep in relation to their wool productivity. V. A. TSvileneva. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:147-171 '55.
Tokbaev, Nurgazy. [Golden fleece] Zolotoe runo. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 23 p. (V pomoshch' rabotnikam Kazakhstana) (DA)
Tsederberg, V.V. [More high-grade wool] Bol'she vysokokachestvennoi shersti. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 22 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)

WOOL FAT
Using the histological method for studying the wool productivity of sheep. N. A. Diomidova. Izv. Otd. est. nauk AN Tadzh. SSR no. 10:123-145 '55.
Variation in the quantitative and qualitative composition of the yolk of hybrid sheep (Württemberg×Kurdiuk) under the influence of mountainous conditions. A. F. Dokukin. Trudy Biol. inst. KirFAN SSSR no. 4:125-134 '51.

WOOL INDUSTRY
Production and procurement of wool should be promoted in every possible way. Veterinariia 33 no. 9:3-7 S '56.

WOOLEN AND WORSTED SPINNING
New machines for the fine comber system of wool spinning. G. G. Khrushchev. Tekst. prom. 16 no. 8:16-20 Ag '56.

WOOLLY APPLE APHID see subdivision under Tajikistan

WORK
Current problems in the physiology and psychology of work and medical psychology. Vop. psikhol. 2 no. 4: 171-175 Jl-Ag '56.

WORK-SONGS see subdivision under Hungary

WORKINGMEN'S LIBRARIES see subdivision 'Libraries, Workingmen's' under Kiev

WORLD FEDERATION OF DEMOCRATIC YOUTH
For international cooperation, but of what kind? Mol. mira no. 8:20-21 '56.
Joint communiqué of the World Federation of Democratic Youth and the World Youth Assembly. Mol. mira no. 7:1 '56.

WORLD FEDERATION OF TRADE UNIONS
On the eve of the session of the Council of the World Federation of Trade Unions. Vsem. prof. dvizh. no. 8:1-2 Ag '56.

WORLD FEDERATION OF TRADE UNIONS—CONGRESSES see subdivision under Sofia

WORLD PEACE COUNCIL
At the extraordinary session of the World Peace Council in Stockholm. Metropolitan Nikolai. Zhur. Mosk. Patr no. 6:31-36 Je '56.

WORLD POLITICS
Breakdown of the colonial system of imperialism. E. Zhukov. Part. zhizn' no. 16:41-48 Ag '56.
Desintegration of the imperialist colonial system. M. Vil'baum. Kom. Ukr. 31 no. 7:61-70 Jl '56.
Imperialist conflicts and the international situation in the years preceding the Second World War. Kh. M. Chakhmakhchian. Uch. zap. Eriv. gos. russ. ped. inst. 5:165-185 '55.
Khrushchev, N. S. [Speech at the fourth session, fourth convocation, of the Supremem Soviet of the U. S. S. R., Dec. 29, 1955] Rech' na chetvertoi sessii Verkhovnogo soveta SSSR, chetvertogo sozyva; 29 dekabria 1955 goda. Moskva, Gos. izd-vo polit. lit-ry, 1956. 39 p.
New thoughts of a Sherlock Holmes. Vsem. stud. nov. 10 no. 8:12 Ag '56.
Some legal aspects of peaceful coexistence. Marjan Musz kat. Mezhdunar. zhizn' no. 9:37-46 S '56.
World events. Nov. vrem. 14 no. 40:32 S '56.
World events. Nov. vrem. 14 no. 41:32 O '56.
World events. Nov. vrem. 14 no. 42:31-32 O '56.
World events for Agust, 1956. Nov. vrem. 14 no. 36:32 Ag '56.
World events in August and September, 1956. Nov. vrem. 14 no. 37:31-32 S '56.
World events in September, 1956. Nov. vrem. 14 no. 38:32 S '56.

WORLD WAR, 1939-1945
(see also subdivision under Brest; Bulgaria)
Kovpak, S. A. [Heroic deeds of members of the Society of the Friends of Defense and the Aviation and Chemical Warfare Industry] Geroicheskie dela osoaviakhimovtsev; literaturnaia zapis' A. S. Paleia. Moskva, Izd-vo DOSAAF, 1956. 95 p.
Rout of the German Fascist Army near Moscow in 1941-1942. D. Z. Murlev. Ist. zap. no. 55:27-64 '56.

WORLD WAR, 1939-1945—CONSCRIPT LABOR see subdivision under Germany

WORLD WAR, 1939-1945—FICTION
Through the Khingan Mountains ("Glow over the Khingan Mountains." R. Palekhov. Reviewed by I. Efebovskii). Voen. vest. 36 no. 8:90-92 Ag '56.

WORLD WAR, 1939-1945—GOVERNMENTS IN EXILE
From the history of antinational political activities of the Polish emigré "government" during the early period of the Second World War. I. I. Beliakevich. Nauk. zap. L'viv. un. 36:85-115 '55.

WORLD WAR, 1939-1945—HISTORY
(see also subdivision under United States)
An inferior work on a great victory ("Outline history of the Great Patriotic War, 1941-1945." Reviewed by S. Kozlov). Novyi mir 32 no. 8:265-267 Ag '56.

WORLD WAR, 1939-1945—NAVAL OPERATIONS
(see also subdivision under Volga River)
[Men of the North Sea Fleet (The North Sea Fleet in the Great Patriotic War, 1941-1945); a literary collection] Severomortsy (Severnyi flot v Velikoi Otechestvennoi voine, 1941-1945); literaturnyi sbornik. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 308 p.
Mus'iakov, P. I. [The battle prowess of Soviet sailors] Boevaia aktivnost' sovetskikh voennykh moriakov. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1955. 77 p.

WORLD WAR, 1939-1945—REPARATIONS
Legal problems in reparations. V. K. Ratkher. Uch. zap. Len. un. no. 106:105-145 '48.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS see subdivision under Ukraine

WORLD YOUTH ASSEMBLY
Joint communiqué of the World Federation of Democratic Youth and the World Youth Assembly. Mol. mira no. 7:1 '56.

WORMS, INTESTINAL AND PARASITIC
(see also subdivision under Dzhezkazgan; Gorno-Badakhshan Autonomous Province; Kazakhstan; Stalinabad Province)
Amount of some amino acids in the total body proteins of Ascaris suum and Moniezia expansa. K. I. Kanygina. Trudy Biol. inst. KirFAN SSSR no. 4:113-117 '51.
Boev, S.N. [Control of helminthiasis in sheep] Gel'mintozy ovets i bor'ba s nimi. Izd. 2-oe, perer. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 38 p. (V pomoshch' rabotnikam ovtsevodcheskikh ferm Kazakhstana) (DA)
Controlling helminthiases in horses with small doses of phenothiazine. P. Velichkin, N. Molokanov. Konevodstvo 26 no. 7:20-21 Jl '56.
Effective remedy against helminthiasis in sheep. I. P. Kirsanov. Ovtsevodstvo no. 8:45-46 Ag '56.
Supplementation of Fulleborn's method. E. N. Simonovich, V. E. Gruzhevskii, M. N. Sokolova. Med. paraz. i paraz. bol. 25 no. 3:249-251 Jl-S '56.
Types of helminths infesting river beavers in the White Russian S.S.R. N. I. Fomicheva. Trudy VNIO no. 16: 168-174 '56.

WORMSEED-OIL see Chenopodium oil

WOUNDS—TREATMENT
Effect of Ginseng on the healing of wounds. I. I. Brekhman. Mat. k izuch. zhen'-shenia i lim. no. 2:140-146 '55.
Effect of parental protein injections on the healing of wounds. L. E. Kaplan, M. A. Fel'dshtein. Dokl. Akad. sel'khoz. 21 no. 9:14-20 '56.
Healing rate of wounds and biochemical indexes of the stimulation of organism by leucocytogenic serums. V. N Shreder. Trudy Inst. morf. zhiv. no. 19:45-64 56.

WRESTLING
(see also subdivision under Europe, Western)
Contests on the mat. A. Kiknadze. Smena 33 no. 15:10 Ag '56.
My friend Azal'sho Alimov. Asal'bek Usalnov. Smena 33 no. 15:18 Ag '56.

WRITERS see Authors

WRITING—HISTORY
History of written language. K. Kochetkov. Pioner no. 9:67 S '56.

WRITING (AUTHORSHIP) see Authorship

WURMSER, ANDRE, 1902-
André Wurmser's polemics. A. Braginskii. Sov. pech. no. 9:46-48 S '56.

X-RAY CRYSTALLOGRAPHY
Nomogram for selecting radiations to be used in the precision measurement of cubic lattice parameters. S. D. Gertsriken. Nauk. zap. Kiev. un. 14 no. 8:83-86 '55.
X-ray analysis at long distances using widely diverging beams. A. Z. Zhmudskii. Nauk. zap. Kiev. un. 14 no. 8:65-82 '55.

X RAYS
Effect of gamma and X rays on selenium rectifiers. G. B. Abdullaev, M. A. Talibi. Dokl. AN Azerb. SSR 12 no. 7:435-439 '56.
Kharadzha, F. N. [General course in X-ray techniques] Obshchii kurs rentgenotekhniki. Izd. 2-oe, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 564 p.
Theory of the visibility of X-rays. TS. M. Avakian, V. A. Tumanian. Izv. AN Arm. SSR. Biol. i sel'khoz. naukt 9 no. 8:21-28 Ag '56.

X RAYS (Continued)
X-ray emission at the start of gas discharges. I. M. Podgornyi. Dokl. AN SSSR 108 no. 5:820-822 Je '56.
X-ray measurement study of the suitability of monazites for determining the geological age. K. K. Zhirov, V. V. Kurabatov. Biul. Kom. po opr. abs. vozr. geol. form. no. 1:53-56 '55.

X RAYS—APPARATUS AND SUPPLIES
A portable headrest for X-ray location of foreign bodies in the eye. A. I. Gorban'. Vest. rent. i rad. 31 no. 4: 66-70 Jl-Ag '56.
Use of a betatron in medicine; review of materials from foreign literature. G. A. Zubovskii. Vest. rent. i rad. 31 no. 4:76-86 Jl-Ag '56.

X RAYS—DIFFRACTION
X-ray study of the system: phenol -- water. N. V. Mokhov, I. V. Kirsh. Zhur. fiz. khim. 30 no. 6:1319-1323 Je '56.

X RAYS—INDUSTRIAL APPLICATIONS
X-ray examination of high-voltage insulators. I. K. Fedchenko and others. Elektrichestvo no. 8:78-79 Ag '56.
X-ray study of the structure of liquid tin. V. P. TSvetkov. Dop. to pov. L'viv. un. no. 5, pt. 2:82-84 '55.

X RAYS—PHYSIOLOGICAL EFFECT
Changes in radiosensitivity in the course of fertilization of the loach, Misgurnus fossilis. A. A. Neifakh. Dokl. AN SSSR 109 no. 5:943-946 Ag '56.
Course of paratyphoid infection in animals subjected to general X-ray irradiation. V. N. Sivertseva. Med. rad. 1 no. 3:52-59 My-Je '56.
Creatinuria in nonpregnant and pregnant rats following ionizing irradiation. Z. N. Zhakhova, A. D. Braun. Med. rad. 1 no. 3:80-85 My-Je '56.
Effect of ionizing radiation on the permeability and barrier functions of ocular vessels. N. I. Arlashchenko. Med. rad. 1 no. 3:29-35 My-Je '56.
Effect of local X-ray exposure of the central nervous system on the morphology of peripheral blood. P. F. Minaev, A. A. Slepov. Dokl. AN SSSR 109 no. 2:303-304 Jl '56.
Effect of total body irradiation with X-rays on the action of antitetanus serum. G. N. Kryzhanovskii, N. N. Lebedev. Med. rad. 1 no. 3:59-62 My-Je '56.
Effect of x rays on the higher nervous activity of animals (white rats). L. I. Kolliarevskii, L. S. Gorsheleva, L. E. Khozak. Med. rad. 1 no. 3:11-19 My-Je '56.
Free amino acids of the bone marrow and changes in them under the effect of X-ray irradiation. B. S. Kasavina, E. B. Spektor. Med. rad. 1 no. 3:72-80 My-Je '56.
Interoceptive reactions from lymph nodes under the effect of ionizing radiation on the organism. IU. M. Zaretskaia. Med. rad. 1 no. 3:20-29 My-Je '56.
On the origin and mode of accumulation of the hemolytic factor observed in the liver of X-rayed rats. IU. B. Kudrinshov. Dokl. AN SSSR 109 no. 3:515-518 Jl '56.
Physiological changes in the system caused by X-irradiation of the gonads. L. A. Kashchenko, A. D. Pushnitsyna. Vest. ren. i rad. 31 no. 4:3-11 Jl-Ag '56.
Restoration of phosphorus compounds in tumor tissue under the influence of roentgen rays [with summary in English]. N. V. El'sisina. Vop. onk. 2 no. 3:312-315 '56.
Role of the central nervous system in the reaction of blood to ionizing radiation. N. N. Livshits. Biofizika 1 no. 5: 452-462 '56.
Some data on the mechanism of injuries of the fetus in X-ray irradiation of pregnant animals. N. A. Kalinina. Med. rad. 1 no. 3:92-97 My-Je '56.
Transcaucasian Radiological Conference. G. P. Nazarishvili. Med. rad. 1 no. 3:97-99 My-Je '56.

XANTHINE OXIDASE
Data on xanthine oxidase from the liver of healthy rabbits and rabbits with tumors. V. P. Korotkoruchko. Ukr. biokhim. zhur. 28 no. 3:310-316 '56.

XENOLITHS see subdivision under Turgay Gates

XEROGRAPHY
Xerography (electrophotography). K. S. Lialikov. Zhur. nauch. i prikl. fot. i kin. 1 no. 2:136-139 Mr-Ap '56.

YAHB-ALAHA III, Patriarch of the Nestorians, 1244-1317
The history of Mar Yahb-alaha and Sauma. N. V. Pigulevskaia. Palest. sbor. no. 2:97-108 '56.

YAKUTIA—COAL MINES AND MINING
Before building a factory. T. Mashkevich. Vokrug sveta no. 9:1-4 S '56.

YAKUTIA—COMMERCE
Yakutia's market at the end of the 18th and during the first half of the 19th centuries. G. P. Basharin. Ist. zap. no. 55:289-309 '56.

YAKUTIA—IRON MINES AND MINING
Before building a factory. T. Mashkevich. Vokrug sveta no. 9:1-4 S '56.

YAKUTIA—PETROLEUM GEOLOGY
Petroleum-bearing possibilities of the Yakut A. S. S. R. E. M. Liutkevich, S. G. Naruchev. Neft. khoz. 33 [i.e. 34] no. 9:35-39 S '56.

YALTA—DESCRIPTION
Makarov, M. N. [Yalta; a historical sketch] IAlta; istoriko-kraevedcheskii ocherk. [Izd. 2-oe, perer. i dop.] Simferopol', Krymizdat, 1956. 210 p.

YALTA—HEALTH RESORTS, WATERING PLACES, ETC.
Everybody on his own. V. Mol'vo. Ukraina no. 17:20-21 S '56.

YAMAL-NENETS NATIONAL AREA—LABOR AND LABORING CLASSES—MEDICAL EXAMINATIONS
In the Far North; mistakes by peripheral medical commissions on work fitness. N. Trubitsyn. Sots. obesp. 17 no. 5/6:39-41 My-Je '56.

YANGTZE RIVER—NAVIGATION
On the Yangtze. V. Kassis. Nov. vrem. 14 no. 36:24-27 Ag '56.

YANGTZE VALLEY—SCHISTOSOMIASIS
Control of schistosomiasis. Kitai no. 7:25-27 Jl '56.

YARN
Calculating the draft during sizing by special devices. N. A. Naumov. Tekst. prom. 16 no. 8:32-34 Ag '56.
Effect of the movement in length of yarn on tension in spinning. E. D. Mizonov. Tekst. prom. 16 no. 8:27 Ag '56.

YARN—TESTING
On the theory of the tensile strength in drawing. S. S. Kovner. Tekst. prom. 16 no. 8:20-24 Ag '56.

YAROSLAVL DISTRICT—SOCIAL LIFE AND CUSTOMS
Ethnic grouping of the inhabitants of the ancient site of Borozniaki. E. I. Gorlunova. Krat. soob. IIMK no. 66: 3-30 '56.

YARTSEVO DISTRICT—MALARIA
Liquidation of a permanent focus of malaria of the Pronkino peat works in Yartsevo District. I. G. Cherniak. Med. paraz. i paraz. bol. 25 no. 3:266-268 Jl-S '56.

YEAST
Changing the nature of yeast by cultivation. D. F. Protsenko, K. A. Kirova. Nauk. zap. Kiev. un. 8 no. 5:173-189 '49.
"Classification of yeasts." V. I. Kudriavtsev. Reviewed by N. M. Pidoplichko. Mikrobiologiia 25 no. 3:380-385 My-Je '56.
Comparative experimental evaluation of methods for determining the baking quality of compressed yeast. IU. N. Kuramshin, L. IA. Auerman. Trudy MTIPP 4:44-50 '56.
Determining the baking quality of compressed yeast by the rising of the dough ball to the surface of water. IU. N. Kuramshin, L. IA. Auerman, A. I. Ostrovskii. Trudy MTIPP 4:51-53 '56.
Distant hybridization of yeasts. Part 2: Obtaining hybrids between Saccharomyces cerevisiae (XII strain) and Schizosaccharomyces Pombe through copulation of cells [with English summary in insert]. K. V. Kostkov. Mikrobiologiia 25 no. 4:420-422 Jl-Ag '56.
Effect of environmental conditions on the budding of Torulopsis armeniaca. M. A. Ter-Karapetian, Sh. A. Avakian, G. S. Arutiunian. Dokl. AN Arm. SSR 10 no. 5:223-228 '49.
Effect of yeast on the laying of hens and hatching quality of eggs. S. K. Karapetian. Dokl. AN Arm. SSR 9 no. 3:135-141 '48.
Effect of high and low temperature on the fermentation capacity of some species of yeast. D. F. Protsenko. Nauk. zap. Kiev. un. 7 no. 6:115-130 '48.
Formation of fat in some strains of yeast. D. P. Protsenko. Nauk. zap. Kiev. un. 8 no. 3:27-31 '49.
Preliminary activation of compressed yeast in bread baking. L. IA. Auerman, A. G. Ginzburg. Trudy MTIPP 4:54-57 '56.
Remote hybridization of yeasts. Part 1: Producing hybrids between Saccharomyces cerevisiae (race 11) and Schizosaccharomyces Pombe. K. V. Kostkov. Mikrobiologiia 25 no. 3:275-278 My-Je '56.
Use of yeast in buttermaking. N. Samsonov. Moloch. prom. 17 no. 6:41-42 '56.
Using a thermophilic yeast race in the fermentation of starchy mashes. R. V. Feniksova, L. G. Loginova, A. A. Shilova. Mikrobiologiia 25 no. 3:310-317 My-Je '56.
The vitamin requirement of experimentally produced thermophylic yeasts [with English summary in insert]. L. G. Loginova. Mikrobiologiia 25 no. 4:415-419 Jl-Ag '56.
Where commercial plants obtain Saccharomyces vini yeasts? [With English summary in insert.] G. I. Mosiashvili. Mikrobiologiia 25 no. 4:484-488 Jl-Ag '56.

YEAST—PRESERVATION
A study of the physiological properties of plasmolysed yeast upon storage [with English summary in insert]. V. D. Roshchina. Mikrobiologiia 25 no. 4:489-496 Jl-Ag '56.

YELETS DISTRICT—FERNS
Using anatomy in diagnosing relict ferns. S. V. Golitsin, N. V. Cherpakova. Bot. zhur. 41 no. 6:861-863 Je '56.

YELOGUY VALLEY—HUNTING
Yeloguy pathfinders. K. Lisovskii. Okh. i okh. khoz. no. 9:51-52 S '56.

YENISEY RIVER
On the Yenisey. P. Kuzmichev. Pioner no. 10:32 O '56.

YERALKA VALLEY—LOESS
Loess-like rock from the river-valley terrance of the Yeralka River (Southern Urals). M. P. Lysenko. Dokl. AN SSSR 108 no. 6:1160-1163 Je '56.

YEREVAN see Erivan

YERMAK, d. 1584—FICTION
In the world of wonders ("Yermak." E. Fedorov. Reviewed by S. Lur'e and N. Il'ina). Novyi mir 32 no. 8: 282-283 Ag '56.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH
(see also subdivision under Bashkiria; India; Norway; Sudan; Yugoslavia)
Creation of the Committee of Youth Organizations of the U. S. S. R. Vsem. stud. nov. 10 no. 8:27 Ag '56.
The defense of peace is the most important basis for the collaboration of youth. S. Romanovskii. Mol. komm. 14 no. 9:8-16 S '56.
Formation of the Committee of Youth Organizations of the U. S. S. R. Mol. mira no. 7:1 '56.
Look into the future. Mol. mira no. 8:1 '56.

YOUTH—BIBLIOGRAPHY see Bibliography—Youth

YOUTH—CONGRESSES
(see also subdivision under Azerbaijan; Moscow; Novosibirsk)
Chronicle of the festival. Klub 6 no. 8:11 S '56.
Communist Youth League news. Mol. komm. 14 no. 9:75 S '56.
In the Central Organizational Committee for the Preparation and Direction of the All-Union Festival. Klub 6 no. 9:7 S '56.
The most important stage. Kul't.-pros. rab. 17 no. 9: 23-25 S '56.
Preparing for the festival; information notes. Sots. kul't. 10 no. 9:32-36 S '56.

YOUTH—PERIODICALS
Festival of "Molodezh' mira" readers. Mol. mira no. 7:15 '56.
Our mail. Mol. mira no. 7:22 '56.
Our mail. Mol. mira no. 8:15 '56.
Young reporter. Mol. komm. 14 no. 9:3-7 S '56.

YUGOSLAVIA—AMATEUR RADIO STATIONS
Yugoslavia's radio amateurs. Radio no. 8:13-14 Ag '56.

YUGOSLAVIA—CORN BREEDING
Corn breeding and hybrid seed production in Yugoslavia. Kukuruza 1 no. 3:54-55 Je '56.

YUGOSLAVIA—COTTON—VARIETIES
How the new cotton variety "Makedonka" was developed in Yugoslavia. Glavinic Ruzica. Khlopkovodstvo 6 no. 8:52-56 Ag '56.

YUGOSLAVIA—DESCRIPTION AND TRAVEL
Three thousand kilometers through Yugoslavia. V. Kudrov. Slaviane no. 10:30-42 O '56.

YUGOSLAVIA—ECONOMIC ASSISTANCE, RUSSIAN
For our Yugoslav friends. G. Strigin. Ogonek 34 no. 38:7 S '56.

YUGOSLAVIA—ECONOMIC CONDITIONS
Notes on Yugoslavia. L. Rovinskii. Nov. vrem. 14 no. 42:16-20 O '56.

YUGOSLAVIA—FOREIGN ECONOMIC RELATIONS
Agreement based on equal rights and profits. Mezhdunar. zhizn' no. 9:121-122 S '56.

YUGOSLAVIA—FOREIGN RELATIONS—RUSSIA
For the good of peace and socialism. Sots. Uz. 15 no. 7: 5 Jl '56.

YUGOSLAVIA—GEOGRAPHY—STUDY AND TEACHING
Geography and geography teaching in the Federal People's Republic of Yugoslavia (personal impressions). B. N. Semevskii. Izv. Vses. geog. ob-va 88 no. 4:364-369 Jl-Ag '56.

YUGOSLAVIA—HUNTING
In Yugoslavian mountains. IA. Mashkov. Okh. i okh. khoz. no. 9:49-50 S '56.

YUGOSLAVIA—LABOR AND LABORING CLASSES
Guests of Yugoslav friends (conclusion). S. Rostovskii. Sov. profsoiuzy 4 no. 7:86-91 Jl '56.

YUGOSLAVIA—MATHEMATICS—STUDY AND TEACHING
From the periodical "Teaching mathematics and physics". IU. M. Gaiduk. Mat. v shkole no. 5:70-75 S-O '56.

YUGOSLAVIA—MOTION-PICTURE PLAYS
First festival of Yugoslav motion pictures in the U.S.S.R. Isk. kino no. 7:107-109 Jl '56.

YUGOSLAVIA—PHYSICS—STUDY AND TEACHING
From the periodical "Teaching mathematics and physics." IU. M. Gaiduk. Mat. v shkole no. 5:70-75 S-O '56.

YUGOSLAVIA—REFRACTORY MATERIALS
The production of basic refractories in Yugoslavia. (From "Brick Clay Rec.", no. 6, 1955). S. V. Glebov. Ogneupory 21 no. 5:239-240 '56.

YUGOSLAVIA—THEATER
At Yugoslav performances. N. Pogodin. Teatr 17 no. 8:140-146 Ag '55.
Our interviews with Velibor Gligoric, Tomislav Tanhover and Mata Milosevic. Teatr 17 no. 8:148-150 Ag '55.

YUGOSLAVIA—TRADE UNIONS
The trade unions of Yugoslavia and international cooperation. Marjan Vivoda. Vsem. prof. dvizh. no. 7:18 Jl '56.

YUGOSLAVIA—YOUTH
For international cooperation, but of what kind? Mol. mira no. 8:20-21 '56.
The National Youth of Yugoslavia is a political organization. Miko Tripalo. Mol. komm. 14 no. 8:105-114 Ag '56.

YUGOZAPADNAIA BAY—FLOUNDERS
Age, growth, and reproduction in the flounder Pleuronectes flesus luscus Pall. from the Khadzhibey estuary, as affected by life conditions. F. S. Zambriborshch. Dokl. AN SSSR 109 no. 5:1041-1044 Ag '56.

YUKHNOVO (NOVGOROD-SEVERSKIY DISTRICT)—ANTIQUITIES
The dating of two ancient sites near the village Yukhnovo. A. E. Alikhova. Krat. soob. IIMK no. 65:31-41 '56.

YTTRIUM TITANATE
Synthesis and properties of yttrium orthotitanate. E. I. Krylov. Zhur. neorg. khim. 1 no. 3:366-367 Mr '56.

ZABILA, VIKTOR
History of songs. Hryhorii Nud'ha. Ukraina no. 17:13 S '56.

ZABOLOT'YE DISTRICT—AQUATIC PLANTS
Aquatic and swamp vegetation of the lakes of Zabolot'ye District, Volyn' Province. M. A. Bukhalo. Dop. ta pov. L'viv. un. no. 5, pt. 2:4-7 '55.
Plant associations of Pesochnoye and Domashneye Lakes in Zabolot'ye District in Volhynia. M. A. Bukhalo. Dop. ta pov. L'viv. un. no. 5, pt. 2:7-9 '55.

ZABOLOT'YE DISTRICT—FRESH-WATER BIOLOGY
Hydrobiological characteristics of Tur, Bol'shoye, and Pesochnoye Lakes. P. D. Rezvoi. Dop. ta pov. L'viv. un. no. 5, pt. 2:27-28 '55.

ZABOLOT'YE DISTRICT—PARASITES—FISHES
Parasitic fauna of fishes of Zabolot'ye District lakes (Tur, Domashneye, and Pesochnoye), Volyn' Province (Polesye). V. A. Zakhvatkin. Dop. ta pov. L'viv. un. no. 5, pt. 2:15-17 '55.

ZABOLOT'YE DISTRICT—PASTURES AND MEADOWS
Swamp and meadow vegetation of Zabolot'ye District, Volyn' Province. E. I. Shishova. Dop. ta pov. L'viv. un. no. 5, pt. 2:10-12 '55.

ZAKATALY DISTRICT—NEMATODA
On the study of helminths of the Caucasian bear (Ursus arctos caucasicus Smirn., 1919) and discovery of Gongylonema pulchrum (Mol., 1860) parasite on it. R. S. Shul'ts, D. I. Kastorskii. Dokl. AN Arm. SSR 11 no. 3:99-104 '49.

ZALOZHTSY DISTRICT—PARASITES—FISHES
Parasitic fauna of fishes on the Zalozhtsy Fish Farm. M. A. Palii. Dop. ta pov. L'viv. un. no. 5, pt. 2:19-20 '55.

ZALYGIN, SERGEI PAVLOVICH, 1913-
A percentage of truth ("Witnesses." S. Zalygin. Reviewed by A. Berzer). Znamia 28 no. 9:170-174 S '56.

ZAPOROZH'YE—COMMUNITY CENTERS
Interesting initiative. V. Ofitserov. Sots. Kul't. 10 no. 9:17-18 S '56.

ZAPOROZH'YE—DWELLINGS
Resolutely do away with shortcomings in residential construction. Arkhit. i bud. 4 no. 4:29-30 Jl-Ag '56.

ZAPOROZH'YE—OPEN-HEARTH FURNACES
Automatization of open-hearth furnaces at the Zaporozhstal' Plant. B. V. Klorenko and others. Stal' 16 no. 8:689-691 Ag '56.

ZAPOROZH'YE—ORE DRESSING
Hydraulic method of dust removal from multicyclone hoppers. A. V. Sheleketin, N. S. Karpushinskii. Metallurg no. 8:9-10 Ag '56.

ZAPOROZH'YE PROVINCE—PRODUCTION STANDARDS
Consider the suggestions of factory workers. Sots. trud. no. 8:92-96 Ag '56.

ZAVHORODNII, SERHII
The author and editor should not hurry ("The first time in life;" a tale. Serhii Zavhorodnii. Reviewed by Panas Lysiuk). Vitchyzna 24 no. 9:173-176 S '56.

ZAVIDOVSKIY DISTRICT—GAME PRESERVES
Zavidovskii game preserve. B. Spangenberg, A. Lepikhin. Okh. i okh. khoz. no. 9:11-13 S '56.

ZBANATS'KYI, IURII
Welcome her, friends ("Welcome me, friends" ; a tale. IU. Zbanats'kyi. Reviewed by Mykhailo Levchenko). Dnipro 30 no. 9:121-124 S '56.

ZELENCHUKSKAYA DISTRICT—SCHOOL HYGIENE
School section of the Red Cross district committee. V. Rozhkov. Sov. kras. krest 6 no. 4:9 Jl-Ag '56.

ZELENIN, VLADIMIR FILLIPOVICH, 1881-
Vladimir Filippovich Zelenin; on the 75th anniversary of his birth. Terap. arkh. 28 no. 5:3-4 '56.

ZELKOVA
Physicomechanical properties of Zelkova wood. Z. A. Novruzova. Izv. AN Azerb. SSR no. 7:73-87 Jl '56.

ZEMSKOYE (RYAZAN PROVINCE)—MOUNDS
Abashev burial mounds near the village Zemskoye, Ryazan Province. A. E. Alikhova. Krat. soob. IIMK no. 64:141-143 '56.

ZERAVSHAN RANGE—ROCKS, IGNEOUS
Chinarsayskiy granitoid massif. D. Kh. Akhmerov. Izv. Otd. est. nauk AN Tadzh. SSR no. 13:3-15 '56.

ZERAVSHAN VALLEY—INVERTEBRATES
Alimdzhanov, R. A., and TS. G. Bronshtein, [Invertebrates of Zeravshan Valley; a systematic catalog of species with an indication of the beneficial and injurious forms] Bespozvonochnye zhivotnye Zeravshanskoi doliny; sistematicheskii perechen' vidov s ukazaniem poleznykh i vrednykh form. Tashkent, Izd-vo Akademii nauk UzSSR, 1956. 348 p.

ZHDANOV—BUILDING BLOCKS
Practice of building apartment houses from large-size blocks in Zhdanov. I. Kechedzhi and others. Arkhit. i bud. 4 no. 1:11-14 Ja-F '56.

ZHDANOV—METALLURGY
Research carried on at the "Azovstal" Plant. M. T. Bul'-skii, M. P. Sidel'kovskii. Stal' 16 no. 8:746-748 Ag '56.

ZHIGULI MOUNTAINS—FAULTS (GEOLOGY)
Presence of disjunctive dislocations in one of the structures of the Zhiguli Mountains. K. B. Ashirov. Neft. khoz. 34 no. 7:34-37 Jl '56.

ZHIGULI MOUNTAINS—PETROLEUM GEOLOGY
Presence of disjunctive dislocations in one of the structures of the Zhiguli Mountains. K. B. Ashirov. Neft. khoz. 34 no. 7:34-37 Jl '56.

ZHITOMIR PROVINCE—FARM MECHANIZATION
Skillful people are able to do anything. Ivan Slesarchuk. Mol. kolkh. 23 no. 8:14 Ag '56.

ZHURAVLEVKA—LIBRARIES, RURAL
Library helps collective farm work. IA. IAkymchuk. Sots. kul't. 10 no. 9:15-16 S '56.

ZINC
Determination of zinc in water. N. F. Dobrovol'skii, V. I. Koroleva, P. M. Kozarenko. Gig. i san. 21 no. 9:83-84 S '56.

ZINC—ELECTROMETALLURGY
Liberation of zinc and hydrogen from acid electrolytes on nickel and cobalt cathodes. D. P. Zosimovich, N. E. Nechaeva. Dokl. AN SSSR 109 no. 3:569-572 Jl '56.
Mechanics of the action of antimony on the electrodeposition and stripping of cathodic zinc. A. I. Levin, V. S. Kolevatova. TSvet. met. 29 no. 9:28-34 S '56.
Metallic zinc cementation of nickel from zinc containing solutions in the presence of various additives. M. A. Vinogradova, V. I. Spiridonova. TSvet. met. 29 no. 8:40-44 Ag '56.
Potentialities for increasing the production of zinc during the sixth five-year plan. A. P. Snurnikov. TSvet. met. 29 no. 7:22-29 Jl '56.
Reasons for difficult stripping of the cathodic deposition of zinc. V. L. Klimenko. TSvet. met. 29 no. 9:35-43 S '56.
Redesign of multiple hearth roasters with boiling fuel beds. IA. N. Shvartsman. TSvet. met. 29 no. 8:76-77 Ag '56.

ZINC—METALLURGY
Automatic regulation of heat conditions in tubular furnaces for zinc sublimation from zinc production cakes. I. K. Petrov. TSvet. met. 29 no. 7:42-46 Jl '56.
Oxidation of bivalent iron by copper compounds in zinc hydrometallurgy. A. P. Snurnikov, V. D. Ponomarev. TSvet. met. 29 no. 8:22-33 Ag '56.
Solubility of zinc oxide in an aqueous solution of caustic soda. G. G. Urazov, B. M. Lifshits, V. S. Lovchikov. TSvet. met. 29 no. 7:37-42 Jl '56.
Some problems in the theory of fuming zinc-containing slags. A. I. Okunev. TSvet. met. 29 no. 7:29-36 Jl '56.
Studying the kinetics of evaporation and temperature zones in the condensation of zinc in various gas atmospheres. E. A. Vetrenko, R. A. Sidorenko. Trudy Ural. politekh. inst. no. 60:190-205 '56.

ZINC-BISMUTH-COPPER ALLOYS see Copper-zinc-bismuth alloys

ZINC-COPPER-MAGNESIUM ALLOYS see Copper-magnesium-zinc alloys

ZINC ORES
Getting familiarized with the diagram of selective copper-zinc flotation at the Karabash Ore Dressing Plant. G. V. Kozlov. TSvet. met. 29 no. 8:1-4 Ag '56.

ZINC OXIDE
X-rays of the ZnO—$In_2O_3$ system. V. P. Chu'yi, R. P. Rozhenko. Dokl. AN SSSR 108 no. 6:1106-1108 Je '56.

ZIRCONIUM
Acid-alkalimetric determination of zirconium and titanium. A. S. Molotkova, V. K. Zolotukhin. Nauk. zap. L'viv. un. 34:125-133 '56.

ZIRCONIUM CHLORIDES
Compounds of zirconium tetrachloride with phosphorus oxychloride. I. A. Sheka, B. A. Voitovich. Zhur. neorg. khim. 1 no. 5:964-966 My '56.

ZIRCONIUM FLUORIDE
Study of the system HF - $ZrF_4$ - $H_2O$ from isothermic solubility (isotherm 0, 5°). I. V. Tananaev, N. N. Nikolaev, IU. A. Buslaev. Zhur. neorg. khim. 1 no. 2:274-281 F '56.

ZIRCONIUM IODATE
Effect of the nature of acids on the composition of fresh zirconium-iodate precipitates. M. I. Konarev and others. Zhur. neorg. khim. 1 no. 3:392-399 Mr '56.

ZIRCONS see subdivision under Gornaya Shoriya

ZLATOUST—LOCAL GOVERNMENT
Local soviets and increased participation by the masses. A. Tarabrin. Part. zhizn' no. 14:46-51 Jl '56.

ZLATOUST—METALLURGICAL PLANTS
Marking of quality and high-quality steels. I. A. Beliaev. Metallurg no. 9:30 S '56.

ZLATOUST—METALLURGY
Research carried on at the Zlatoust Metallurgical Plant. V. N. Davidiuk. Stal' 16 no. 8:751-755 Ag '56.

ZLATOUST—TRADE UNIONS
Penetrating the life of trade unions. V. Belkovskii, N. Mosunov, L. Putilova. Part. zhizn' no. 14:51-58 Jl '56.

ZODIACAL LIGHT
The electron component of the zodiacal light. G. M. Nikol'skii. Astron. zhur. 33 no. 3:410-413 My-Je '56.
The problem of zodiacal light in connection with the International Geophysical Year. V. G. Fesenkov, N. B. Divari. Astron. zhur. 33 no. 3:391-403 My-Je '56.

ZOL'NOYE—PETROLEUM WORKERS
Petroleum workers' settlement in the Zol'noye gully. G. I. Cherniaev. Neftianik 1 no. 4:33-34 Ap '56.

ZOOGEOGRAPHY
(see also subdivision under Pamirs)
Zoogeographical division into regions of the steppe area in the European part of the U.S.S.R. M. A. Voinstvenskii. Nauk. zap. Kiev. un. 13 no. 12:5-13 '54.

ZOOLOGICAL GARDENS see subdivision under Moscow

ZOOLOGICAL RESEARCH
Scientific records of the Potemkin Pedagogical Institute in Moscow. A. A. Nasimovich. Biul. MOIP. Otd. biol. 61 no. 3:97-98 My-Je '56.

ZOOLOGY
(see also subdivision under Denmark; Kazakhstan)
Isaenko, L. A., and I. K. Sapozhnikov, [Natural science (life of animals); textbook for the 6th grade in auxiliary schools] Estestvoznanie (zhizn' zhivotnykh); uchebnik dlia 6-go klassa vspomogatel'nykh shkol. Izd. 8-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 141 p.

ZOOLOGY—PERIODICALS
Short report on the work of the editorial staff of the "Zoologicheskii zhurnal" in 1955. Zool. zhur. 35 no. 8:1279-1280 Ag '56.

ZOOLOGY—STUDY AND TEACHING
(see also subdivision under Kiev)
Practical student projects tied in with the study of zoology. V. F. Shalaev. Est. v shkole no. 5:41-47 S-O '56.
The problem of instruction as treated in "Zoology teaching methods." A. A. IAkhontov, E. A. Fierova. Reviewed by V. N. Fedorova. Est. v shkole no. 5:83-89 S-O '56.
System of general principles and concepts based on Michurin's teachings for a school zoology course. V. F. Shalaev. Izv. Akad. ped. nauk RSFSR no. 56:5-43 '54.
Zoology class review in schools for working youth. E. V. Pershanina. Est. v shkole no. 5:47-49 S-O '56.

ZOOLOGY, MEDICAL
Conference devoted to problems of medical zoology. V. V. Kucheruk. Zool. zhur. no. 8:1276-1277 Ag '56.

ZOOPLANKTON see subdivision under Pacific Ocean

ZUEV, VASILII FEDOROVICH, 1754-1794
Ethnographic research of Vasilii Fedorovich Zuev. N. N. Stepanov. Trudy inst. etn. 30 no. 1:172-186 '56.

THE LIBRARY OF CONGRESS

# Bibliographies and Reference Works Pertaining to the Soviet Union

**Knizhnaia Letopis'** (national bibliography of the Soviet Union). On microfilm.

Weekly issues. 1947–1955 complete.

Imennoi ukazatel' (name index). 1947–1949, 1951.

Vspomogatel'nye ukazateli (supplementary index). 1950, 1952–1954, Apr.–Sept., 1955.

Ukazatel' serii (series index). 1947–1953.

Positive microfilm copies are for sale at $220 for the set. Orders should be directed to the Photoduplication Service, Library of Congress, Washington 25, D. C. A cost estimate for any portion of the file may be obtained from the Service upon request.

**Guide to Soviet Bibliographies.** A Selected List of References. Compiled by John T. Dorosh. 1950. v, 158 p. Price $1.30. L. C. Card, 50-62955

Lists separately published bibliographies issued since 1917 in Russian or relating to Russia and available in the Library of Congress. Contents: Bibliography (theory, history, use). Bibliography of bibliographies. General bibliographies. Children's books. Dissertations. Films. Periodicals and newspapers. Agriculture—plant and animal industry. Education. Fine arts. Geography. Anthropology. Folklore. History. Archaeology. Language and literature. Law. Medicine. Military affairs. Music. Philosophy. Religion. Political science. Science. Social sciences. Technology. Author and subject indexes.

**Russian, Ukrainian and Belorussian Newspapers, 1917–1953.** A Union List. Compiled by Paul L. Horecky. 1953. xi, 218 p. Price $1.45. L. C. Card, 54-60001

Lists 859 Russian, Ukrainian and Belorussian newspapers issued since January 1, 1917, within the territory of the present U. S. S. R. and which were in the possession of libraries in the United States as of May 1953. Holdings of each library are listed separately by year, the degree of completeness being indicated after each year by symbols. Material arranged by place of publication, and alphabetical index of titles included at end of list.

**Bibliography of Translations from Russian Scientific and Technical Literature.** Monthly. October 1953– Price of single copy $0.25; subscription price $3.00 a year. L. C. Card, 53-60044

Lists translations from Russian which have been deposited with, or loaned to, the Scientific Translations Center, Science Division, by government agencies, scientific societies, industrial laboratories, universities, and other organizations. Listings are arranged alphabetically by author under broad subject headings. Microfilms or photostat copies of such translations may be ordered from the Photoduplication Service, Library of Congress.

**Study and Teaching of Slavic Languages.** A Selected List of References. Compiled by John T. Dorosh. 1949. vi, 97 p. Price $0.65. L. C. Card, 49-45940

Partly annotated bibliography of publications suitable as material for the study and teaching of Bulgarian, Czech, Polish, Russian, Church Slavic, Serbo-Croatian, Slovak, Slovenian, Ukrainian, White Russian and other Slavic languages. Arranged by language, under the following headings: Periodicals, societies, etc. General works. Study and teaching. Grammar. Readers and chrestomathies. Conversation and phrase books. Phonology. Orthography. Morphology. Inflection and accidence. Parts of speech. Syntax and style. Versification. Etymology. Dictionaries. Dialects.

**Soviet Geography.** A Bibliography. Edited by Nicholas R. Rodionoff. 1951. xx, 668 p. In two parts. Part 1: U. S. S. R.—Geography by Subject. Price $2.35. Part 2: Administrative, Natural and Economic Regions. Price $2.25. L. C. Card, 51-62891

Extensive bibliography listing over 4,000 titles of the important works on the geography of the Soviet Union, most of which have been published since 1917. Contents: *Part 1.* Geographical science. General descriptions. Expeditions, explorations, and discoveries. Historical geography. Physical geography. Economic geography. Political and military geography. Atlases and cartography. Bibliography and biobibliography. *Part 2.* Russian Soviet Federated Socialist Republic. Karelian S. S. R. Baltic Constituent Republics. White Russian S. S. R. Moldavian S. S. R. Ukrainian S. S. R. Transcaucasian Constituent Republics. Kazakh S. S. R. Asiatic Constituent Republics. Author and subject indexes.

**Electric Power Industry of the U. S. S. R.** An Annotated Bibliography. Prepared by J. D. Philippoff with the assistance of Elizabeth G. Dorosh and N. R. Rodionoff. 1952. xi, 154 p. Price $1.00. L. C. Card, 52-60044

Contents: Bibliographies and indexes. Periodicals. Transactions. General reference publications. Power engineering. Economics and operation. Steam-power engineering equipment. Hydro-power engineering and equipment. Electric power equipment. System control and protection. Power transmission. Power distribution. Individual power plants, systems, and projects by regions. Electrification and economic planning. Author and subject indexes.

**Soviet Transportation and Communications.** A Bibliography. Compiled by Renee S. Janse. 1952. xv, 330 p. Price $2.25. L. C. Card, 52-60024

Contents: *Transportation*—General. Regional studies. Guidebooks. Maps and atlases. Encyclopedias. Asiatic Russia. Railroads. Maritime transportation. Inland waterways. Highways and roads. Airways. Other forms of transportation. *Communications*—General information. Handbooks, manuals, etc. Postal service. Telegraph. Telephone. Radio. Radar. Neighboring countries. Legislation. Dictionaries. Author index.

**Manufacturing and Mechanical Engineering in the Soviet Union.** A Bibliography. Compiled by Gisella R. Lachman. 1953. 234 p. Price $1.00. L. C. Card, 53-60040

Contents: General information. Industrial management. Principles of mechanical engineering. Machine elements. Machine shops. Metal cutting. Machine tools and tools. Surfaces. Rolling and rolling mills. Founding and foundries. Pattern-making machinery. Forging, stamping, punching and pressing work and equipment. Metallography. Heat treatment. Electricity in metal working. Welding. Electric and gas welding and cutting. Woodworking machinery. Hydraulic machinery. Pneumatic machinery. Filters and separators. Centrifuges. Steam engineering. Miscellaneous engines. Hoisting and conveying machinery. Factory transportation. Excavators. Precision machinery and instruments. Standards and standardization. Periodicals and serial publications. Handbooks. Encyclopedias. Catalogs, price-lists and directories. Dictionaries. Bibliographies and biobibliographies. Author index.

**Aeronautical Sciences and Aviation in the Soviet Union.** A Bibliography. Compiled by Bertha Kucherov. 1955. xx, 274 p. Price $2.00. L. C. Card, 55-60018

Contents: Aerodynamics. Propulsion. Materials. Strength of materials. Theories of elasticity, plasticity, and structures. Vibration, flutter, etc. Aircraft design. Aircraft modelling. Experimentation. Aircraft manufacturing. Equipment. Instruments. Automatic control. Electronics. Aerial photography. Fuels and lubricants. Maintenance and repair. Operating problems. Meteorology. Astronavigation. Parachutes. Gliders. Lighter-than-air, rotating-wing, and water-borne aircraft. Military aviation. Air law. Scientific research institutions. Airports and air lines. Aircraft designers, pilots, specific airplanes. General works. Textbooks. Dictionaries, terminology, etc. Bibliographies.

**Russian Abbreviations.** A Selective List. Compiled by Alexander Rosenberg. 1952. vii, 128 p. Price $0.85. L. C. Card, 52-60084

Lists the more important abbreviations commonly used in Russian texts, based on Russian periodicals, books, and documents covering the period 1930–1951. Full expansions and English translations are given for all abbreviations.

(For sale by Card Division, Library of Congress, Washington 25, D. C., except Knizhnaia Letopis')

U. S. GOVERNMENT PRINTING OFFICE : 1957 O - 415011

# Monthly List
*of*
# Russian Accessions

Vol. 9, No. 11 February 1957

THE LIBRARY OF CONGRESS
WASHINGTON : 1957

# INTRODUCTORY NOTE

The MONTHLY LIST OF RUSSIAN ACCESSIONS is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions List.*

The MONTHLY LIST consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this LIST by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals with their tables of contents translated into English. However, accessions printed earlier than 1947 are not included.

Part C is a subject guide to both the monographs and periodical articles listed in Parts A and B. Monographs are listed under the appropriate subject headings first, followed by the periodical articles. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only. In citing periodical articles the following abbreviations are used for the months of the year:

| | | | | | |
|---|---|---|---|---|---|
| Ja | January | My | May | S | September |
| F | February | Je | June | O | October |
| Mr | March | Jl | July | N | November |
| Ap | April | Ag | August | D | December |

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A list of periodicals included in the current issue, with abbreviations used, is given at the beginning of Part C in each issue of the LIST. The number and letter in parentheses following each periodical title indicate the class and subclass in which it is to be found in Part B. Cumulative lists of periodicals included in the current volume appear in numbers 6 and 12 of that volume. These lists are arranged by subject; the symbols of American libraries other than the Library of Congress, known to have current files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols * representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

A cumulative author, subject, and periodical location index to the first three volumes of the MONTHLY LIST is available as a separate publication. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

The MONTHLY LIST OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Price of single copies varies; subscription price, $9.00 a year domestic, $11.00 a year foreign. Price of Cumulative Index to Volumes 1–3, $1.50.

## * SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

| | |
|---|---|
| AU | University of Alabama, University |
| An–C–TU | Obsolete *see* CaOTU |
| CCP | Pomona College, Claremont, Calif. |
| CLCL | Los Angeles County Law Library |
| CLCM | Los Angeles County Museum, Los Angeles |
| CLSU | University of Southern California, Los Angeles |
| CLU | University of California at Los Angeles |
| CPT | California Institute of Technology, Pasadena |
| CSt | Stanford University, Palo Alto, Calif. |
| CSt–H | Hoover Institute and Library on War, Revolution and Peace, Palo Alto, Calif. |
| CStmoR | Rand Corporation, Santa Monica, Calif. |
| CU | University of California, Berkeley |
| CaOON | National Research Council, Ottawa |
| CaOOS | Dominion Bureau of Statistics, Ottawa |
| CaOTU | University of Toronto, Toronto, Canada |
| CtY | Yale University, New Haven, Conn. |
| DA | U. S. Department of Agriculture |
| DAFM | Armed Forces Medical Library, Washington, D. C. |
| DBS | U. S. Bureau of Standards |
| DDO | Dumbarton Oaks Research Library of Harvard University |
| DH | U. S. National Institutes of Health Library, Bethesda, Md. |
| DI | U. S. Department of the Interior Library |
| DI–GS | — Geological Survey Library |
| DN | U. S. Department of the Navy |
| DN–RL | Naval Research Laboratory, Washington, D. C. |
| DS | U. S. Department of State |
| DSG | Obsolete *see* DAFM |
| DSI | Smithsonian Institution |
| DWB | U. S. Weather Bureau, Washington, D. C. |
| FU | University of Florida, Gainesville |
| GAGT | Georgia Institute of Technology, Atlanta |
| ICJ | John Crerar Library, Chicago |
| ICMILC | Midwest Inter-Library Center, Chicago |
| ICN | Newberry Library, Chicago |
| ICU | University of Chicago |
| IEN | Northwestern University, Evanston, Ill. |
| IU | University of Illinois, Urbana |
| IaAS | Iowa State College, Ames |
| IaU | State University of Iowa, Iowa City |
| InLP | Purdue University, Lafayette |
| InNd | University of Notre Dame, Notre Dame, Ind. |
| InU | Indiana University, Bloomington |
| KU | University of Kansas, Lawrence |
| LU | Louisiana State University, Baton Rouge |
| MB | Boston Public Library |
| MBU | Boston University |
| MCM | Massachusetts Institute of Technology, Cambridge, Mass. |
| MH | Harvard University, Cambridge, Mass. |
| MH–F | — Farlow Reference Library |
| MH–L | — Law School |
| MH–P | — Peabody Museum |
| MH–PR | — Physics Research Library |
| MdBJ | Johns Hopkins University, Baltimore |
| MeB | Bowdoin College, Brunswick |
| MiD | Detroit Public Library |
| MiDW | Wayne University, Detroit |
| MiEM | Michigan State College, East Lansing |
| MiU | University of Michigan, Ann Arbor |
| MiU–L | — Law Library |
| MnU | University of Minnesota, Minneapolis |
| MoKL | Linda Hall Library, Kansas City |
| MoU | University of Missouri, Columbia |
| N | New York State Library, Albany |
| NBC | Brooklyn College, Brooklyn |
| NGrnUN | Obsolete *see* NNUN |
| NIC | Cornell University, Ithaca, N. Y. |
| NN | New York Public Library |
| NNC | Columbia University, New York |
| NNC–M | — Medical Library |
| NNC–T | — Teachers College |
| NNIS | Library for Intercultural Studies, New York |
| NNM | American Museum of Natural History, New York |
| NNR | Russell Sage Foundation College of the City of New York |
| NNU–W | New York University, Washington Square Library |
| NNUN | United Nations Library, New York |
| NRU | University of Rochester, Rochester |
| NSyU | Syracuse University |
| NcD | Duke University, Durham, N. C. |
| NcGW | Women's College of the University of North Carolina, Greensboro |
| NcRS | North Carolina State College of Agriculture and Engineering, Raleigh |
| NcU | University of North Carolina, Chapel Hill |
| Nh | New Hampshire State Library, Concord |
| NhD | Dartmouth College, Hanover, N. H. |
| NjI | Irvington Free Public Library, N. J. |
| NjP | Princeton University, Princeton, N. J. |
| OCH | Hebrew Union College, Cincinnati |
| OCU | University of Cincinnati, Cincinnati |
| OCl | Cleveland Public Library |
| OClW | Western Reserve University, Cleveland |
| OCoB | Battelle Memorial Institute Library, Columbus |
| OOxM | Miami University, Oxford |
| OSte | Carnegie Public Library, Steubenville |
| OU | Ohio State University, Columbus |
| OkU | University of Oklahoma, Norman |
| OrCS | Oregon State College, Corvallis |
| OrU | University of Oregon, Eugene |
| P | Pennsylvania State Library, Harrisburg |
| PBm | Bryn Mawr College, Bryn Mawr, Pa. |
| PHC | Haverford College, Haverford |
| PP | Free Library of Philadelphia |
| PPAN | Academy of Natural Sciences, Philadelphia |
| PPAmP | American Philosophical Society, Philadelphia |
| PPC | College of Physicians and Surgeons of Philadelphia |
| PPCP | Obsolete *see* PPC |
| PPDrop | Dropsie College for Hebrew and Cognate Learning, Philadelphia |
| PPPM | Philadelphia Museum of Art |
| PPT | Temple University, Philadelphia |
| PPWI | Wistar Institute of Anatomy and Biology, Philadelphia |
| PSC | Swarthmore College, Swarthmore |
| PSt | |
| PU | |
| PU–El | |
| PU–FA | |
| PU–Math | |
| PU–Mu | |
| PU–P | |
| PU–Penn | |
| PU–Sc | |
| RPB | |
| TU | |
| TxHR | |
| TxU | |
| ViU | |
| VtMiM | |
| VtMidbC | |
| WU | |
| WaU | |
| WvU | |

U. S. DEPT. OF AGR.

# MONTHLY LIST OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 9, NO. 11 FEBRUARY 1957

## TABLE OF CONTENTS

**Part A—Monographic Works** Page

1. General and Reference Works ..... 2397
2. Bibliography ..... 2397
3. Philosophy & Religion ..... 2397
4. History ..... 2397
5. Social Sciences ..... 2398
6. Political Science ..... 2399
7. Law ..... 2399
8. Education ..... 2400
9. Music, Theater & Motion Pictures ..... 2400
10. Fine Arts ..... 2401
11. Language, Literature & Folklore ..... 2401
12. Geography & Geology ..... 2405
13. Science ..... 2405
14. Medicine ..... 2407
15. Agriculture ..... 2409
16. Technology ..... 2411
17. Military & Naval Sciences ..... 2415

**Part B—Periodicals**

1. General
   - *a.* Scholarly journals ..... 2416
   - *b.* Popular magazines ..... 2420
2. Bibliography
   - *a.* Bibliography ..... 2422
   - *b.* Libraries & library science ..... 2422
   - *c.* Printing & the book trade ..... 2423
3. Philosophy & Religion
   - *a.* Philosophy .....
   - *b.* Religion ..... 2423
4. History
   - *a.* General ..... 2423
   - *b.* Archeology & antiquities ..... 2425
5. Social Sciences
   - *a.* Commerce ..... 2426
   - *b.* Economics ..... 2426
   - *c.* Finance ..... 2426
   - *d.* Labor ..... 2426
   - *e.* Sociology ..... 2427
6. Political Science ..... 2429
7. Law ..... 2430
8. Education
   - *a.* General ..... 2431
   - *b.* Physical education & games ..... 2433

9. Music, Theater & Motion Pictures — Page
*a.* Motion pictures — 2433
*b.* Music — 2434
*c.* Theater — 2434
10. Fine Arts
*a.* General — 2435
*b.* Architecture — 2435
11. Language, Literature & Folklore
*a.* Language — 2435
*b.* Literature & folklore — 2436
12. Geography & Geology
*a.* Ethnology — 2438
*b.* Geography — 2438
*c.* Geology & paleontology — 2439
13. Science
*a.* General — 2441
*b.* Astronomy — 2443
*c.* Biology — 2444
*d.* Chemistry — 2447
*e.* Mathematics — 2449
*f.* Physics — 2449
14. Medicine
*a.* General — 2453
*b.* Gynecology, obstetrics & pediatrics — 2455
*c.* Neurology & psychiatry — 2455
*d.* Ophthalmology & otorhinolaryngology — 2456
*e.* Pathology & therapeutics — 2456
*f.* Pharmacy & materia medica — 2456
*g.* Public health & nursing — 2457
*h.* Surgery & dentistry — 2457
*i.* Venereology & dermatology — 2458
15. Agriculture
*a.* General — 2458
*b.* Animal industry — 2459
*c.* Forestry — 2461
*d.* Plant culture — 2461
16. Technology
*a.* General — 2463
*b.* Aeronautics — 2465
*c.* Chemical technology — 2466
*d.* Civil & construction engineering — 2468
*e.* Electrical engineering — 2471
*f.* Industries & trades — 2474
*g.* Mechanical engineering — 2474
*h.* Mining & metallurgy — 2476
17. Military & Naval Sciences
*a.* Military science — 2481
*b.* Naval science — 2481

**Part C—List of Periodicals and Abbreviations Used** — 2483

**Subject Index to Monographs and Periodicals Listed in Parts A and B** — 2488

## 1. GENERAL & REFERENCE WORKS

[GREAT SOVIET ENCYCLOPEDIA] Bol'shaia sovetskaia entsiklopediia. Glav. red. B.A.Vvedenskii. Chleny glav. red. N.N.Anichkov i dr. Izd. 2-oe. [Moskva] Gos. nauchnoe izd-vo "Bol'shaia sovetskaia entsiklopediia."
Vol. 44. Uzhi - fidel'. [1956] 661 p.

[UKRAINIAN ORTHODOX CALENDAR FOR 1957; seventh year] Ukrains'kyi pravoslavnyi kalendar na 1957 rik; richnyk s'omyi. [So. Bound Brook, N.J.] Vyd. Ukrains'koi Pravoslavnoi TSerkvy v ZDA [n.d.] 107 p.

## 2. BIBLIOGRAPHY

AIZENBRG, T.D. [The library book supply agency] Bibliotechnyi kollektor. Moskva, Iskusstvo, 1956. 82 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Izdatel'stvo. [Classified list of publications planned for 1957; an order catalog] Tematicheskii plan izdanii na 1957 god; blank dlia zakazov. Alma-Ata, 1956. 57 p.

FRIDMAN, IU.I. [Composing posters] Nabor afish. Moskva, Gos. izd-vo "Iskusstvo," 1955. 46 p., illus. (Biblioteka molodogo rabochego poligrafista)

LENINGRAD. UNIVERSITET. [Catalog of available publications (1946-1955)] Katalog izdanii imeiushchikhsia v nalichii (1946-1955 gg.). [Leningrad] 1955. 60 p.

MOLCHANOVA, N.S. [Machines in the service of man; a discussion of books] Mashiny na sluzhbu cheloveku; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 17 p. (Za novye uspekhi v shestoi piatiletke)

MOSCOW, GOSUDARSTVENNYI BIBLIOTECHNYI INSTITUT. [Descriptive cataloging. The alphabetical catalog] Opisanie proizvodonii pechati. Alfavitnyi katalog. Moskva, Izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 204 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [A collection of instructions for the Manuscript Division; recording and processing manuscript collections] Sbornik instruktsii Otdela rukopisei; uchet i obrabotka rukopisnykh fondov. Pod red. E.N.Konshinoi. Moskva, 1955. 243 p.

ODESSA, GOSUDARSTVENNAIA NAUCHNAIA BIBLIOTEKA. [Treasure house of culture; a collection of articles] Sokrovishchnitsa kul'tury; sbornik statei. [Odessa] Odesskoe obl. izd-vo.
No. 1. 1956. 137 p.

OSIPOV, V.O. [The book is the propagandist's friend and helper; a librarian's advice] Kniga-drug i pomoshchnik agitatora; sovety bibliotekaria. Moskva, Gos. izd-vo polit. lit-ry, 1956. 62 p. (Bibliotechka agitatora)

[PERIODICALS PUBLISHED BY THE ACADEMY OF SCIENCES OF THE KAZAKH S.S.R.; a prospectus for 1957] Zhurnaly Akademii nauk Kazakhskoi SSR; prospekt na 1957 god. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 12 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennoeizdatel'stvo tekhniko-teoreticheskoi literatury. [Information about books published in 1956] Informatsiia o knigakh, vykhodiashchikh v 1956 g. [Moskva]
No. 3. [1956] (folder)

SOKUROVA, M.V. [General bibliographies of books in Russian printing type, 1708-1955] Obshchie bibliografii russkikh knig grazhdanskoi pechati 1708-1955; annotirovannyi ukazatel'. Izd. 2-oe, perer. i dop. Pod red. i so vstup. stat'oi P.N.Berkova. Leningrad, Gos. publ. biblioteka im. M.E.Saltykova-Shchedrina, 1956. 283 p. (Bibliografiia russkoi bibliografii)

STEPANOVA, L.I. [What to read on India, Burma and Afganistan; a discussion of books] Chto chitat' ob Indii, Birme i Afganistane; beseda o knigakh. Moskva, Gos. biblioteka SSSR im V.I.Lenina, 1956. 17 p. (Za novye uspekhi v shestoi piatiletke)

VSESOIUZNOE DOBROVOL'NOE OBSHCHESTVO SODEISTVIIA ARMII, AVIATSII I FLOTU. Izdatel'stvo. [List of publications planned for 1956] Plan vypuska literatury na 1956 god. Moskva, 1955. 15 p.

## 3. PHILOSOPHY & RELIGION

AKADEMIIA NAUK SSSR. Institut filosofii. [Selected works of Russian logicians of the 19th century] Izbrannye trudy russkikh logikov XIX veka. Moskva, 1956. 403 p.

ANDREEV, I.M. [Brief survey of the history of the Russian Church from the Revolution to the present day] Kratkii obzor istorii Russkoi TSerkvi ot revoliutsii do nashikh dnei. Jordansville, N.Y. Holy Trinity Monastery, 1951. 180 p.
(NIC)

[CATALOG OF BOOKS, CROSSES AND ICONS] Katalog knig, natel'nykh krestikov i ikon. Jordanville, N.Y., Holy Trinity Monastery, 1956. 16 p.

[CATECHISM FOR FIRST HOLY COMMUNION] Katekhyzm Pershoho Sviatoho Prychastia. Ulozhyv o. Mykhailo Shchudlo, ChNI. Iorkton, Drukarnia Holosu Spasytelia.
Vol.1. 1956. 64 p.

## 4. HISTORY

AKADEMIIA NAUK SSSR. Institut istorii. [History of Moscow] Istoriia Moskvy. Moskva, 1956.
Vol. 6, 1956
(DDO)

AKADEMIIA NAUK URSR, Kiev. Instytut istorii. [History of the Ukraine] Istoriia Ukrainskoi SSR. Kiev.
Vol. 2, 1956.
(CLU)

AKSENOV, A.N. [The establishment of Communist power in the Archangel Government] Ustanovlenie sovetskoi vlasti v Arkhangel'skoi gubernii. [Arkhangel'sk] Arkhangel'skoe kn-vo, 1956. 65 p.

BASHARIN, G.P. [History of agrarian relations in Yakutia; from the 1760's to the middle of the 19th century] Istoriia agrarnykh otnoshenii v IAkutii; 60-e gody XVIII - XIX v. Moskva, Izd-vo Akademii nauk SSSR, 1956. 427

BOIKO, IURII. [On the main highway] Na holovnii magistrali. [n.p.] 1951. 152 p.
(CSt-H)

DATLIN, S.V. [The downfall of imperialism's colonial system] Raspad kolonial'noi sistemy imperializma. Moskva, Gos. izd-vo polit. lit-ry, 1956. 69 p.

DIADYCHENKO, V. [Antifeudal uprisings in Russia and in the Ukraine during the 17th and 18th centuries] Antyfeodal'ni povstannia v Rosii y na Ukraini v XVII-XVIII st. Kyiv, Derzhlytvydav URSR, 1954. 62 p. (300 rokiv vozz'iednannia Ukrainy z Rosiieiu)
(NN)

EVTIUKHOVA, L.A. [Archaeological monuments of the Yenisey Kirgiz (Khakass)] Arkheologicheskie pamiatniki eniseiskikh kyrgyzov (khakasov). Abakan, 1948. 101 p.

FEDORENKO, N.T. [Mao Tun] Mao Dun'. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 21)

FEDOSEEV, P.N. [The role of the masses and of the individual in history] Rol' narodnykh mass i lichnosti v istorii. Moskva, Izd-vo "Znanie," 1956. 63 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, nos. 46, 47)

GREKOV, B.D. [Historical notes] Istoricheskie zapiski. [Moskva] Izd-vo Akademii nauk SSSR, 1945. 201 p.
(OCl)

[HISTORICAL SKETCHES OF THE NEW CHINA. TRANSLATED FROM THE CHINESE] Ocherki po novoi istorii Kitaia. Perevod s kitaiskogo O.L.Kitsenko i T.E.Mytarova. Predisl. i red. E.F.Kovaleva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 174 p.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. [Eighth Conference of the Institute for the Study of the U.S.S.R. (Munich, July 23-24, 1956). The 20th Congress of the Communist Party of the Soviet Union and Soviet activities. Reports and discussions] VIII Konferentsiia Instituta po izucheniiu SSSR (Miunkhen, 23-24 iiulia 1956 g.). XX s"ezd KPSS i sovetskaia deistvitel'nost'. Doklady i diskussii. Miunkhen, 1956. 207 p.

KIRGIZSKAIA ARKHEOLOGO-ETNOGRAFICHESKAIA EKSPEDITSIIA. [Works of the Kirghiz Archaeological and Ethnographic Expedition] Trudy... Pod red. G.F. Debetsa. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. 1956. 181 p.

KONDRASHOV, N.A. Osip Maksimovich Bodianskii. [Moskva] Izd-vo Moskovskogo univ., 1956. 86 p. (Zamechatel'nye uchenye Moskovskogo universiteta)
(MH)

KONDZHARIIA, V.Z. [My recollections; an old Communist's notes] Moi vospominaniia; zapiski starogo kommunista. Sukhumi, Abkhazskoe gos. izd-vo, 1956. 98 p.

KYSEL'OV, IOSYP. [Eternal friendship; the them of the reunion of the Ukraine with Russia in historical drama] Odvichna druzhba; tema vozz'iednannia Ukrainy z Rosiieiu v istorychnii dramaturgii. Kyiv, Radians'kyi pys'mennyk, 1954. 86 p.
(MH)

LENINGRAD. INSTITUT ISTORII PARTII. [The Petersburg Bolsheviks in the first Russian revolution of 1905-1907] Peterburgskie bol'sheviki v period pervoi russkoi revoliutsii 1905-1907. [Leningrad] Lenizdat, 1956. 302 p.

LENINGRAD. UNIVERSITET. [The Revolution of 1905-1907; a collection of articles] Revoliutsiia 1905-1907 gg.; sbornik statei. [Leningrad] 1956. 307 p.

LIVENTSEV, VIKTOR. [Partisan country; as told to Rygor Nekhai] Partizanskii kraj; literaturnaia zapis' Rygora Nekhaia. [Dop. i perer. izd.] Minsk, Gos. izd-vo BSSR, 1956. 383 p.

MAT'IAS, O.A. [The beginning of V.I. Lenin's revolutionary activity. The St. Petersburg "Union of the struggle for the liberation of the working class"] Nachalo revoliutsionnoi deiatel'nosti V.I. Lenina. Peterburgskii "Soiuz bor'by za osvobozhdenie rabochego klassa"; lektsiia. [Moskva] Izd-vo Moskovskogo univ., 1956. 57 p.

[MEETING DEDICATED TO SOLIDARITY WITH THE HUNGARIAN FREEDOM FIGHTERS] Miting solidarnosti s vengerskimi bortsami za svobodu. Miunkhen, Izd. Soiuza bor'by za osvobozhdenie narodov Rossii (SBONR) e.V., 1956. 22 p.

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [Fiftieth anniversary of the first Russian revolution; proceedings of a session of the Institute of Marxism-Leninism of the Central Committee of the Communist Party of the Soviet Union] 50 let pervoi russkoi revoliutsii; materialy nauchnoi sessii Instituta marksizma-leninizma pri TsK KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1956. 253 p.

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [Leaflets of Bolshevik organizations in the first Russian revolution of 1905-1907; a collection in three parts] Listovki bol'shevistskikh organizatsii v pervoi russkoi revoliutsii 1905-1907 gg. ; sbornik v trekh chastiakh. Moskva, Gos. izd-vo polit. lit-ry.
Pt. 1. [January-July, 1905] IAnvar'-iiul' 1905 g. 1956. 907 p.

NATARAJAN, L. [From Hiroshima to Bandung; a review of American policy in Asia. Translated from the English] Ot Khirosimy do Bandunga; obzor amerikanskoi politiki v Azii. Perevod s angliiskogo L. Roshal'. Vstup. stat'ia A. Aleksandrova. Moskva, Izd-vo inostrannoi lit-ry, 1956. 205 p.

NAUKOVA KONFERENTSIIA ISTORYKIV PRYSVIACHENA TEMI VELYKA ZHOVTNEVA SOTSIALISTYCHNA REVOLIUTSIIA I REVOLIUTSIINA BOROT'BA TRUDIASHCHYKH ZAKHIDNO-UKRAINS'KYKH ZEMEL' ZA VLADU RAD, ZA VOZZ'IEDNANNIA Z RADIANS'KOIU UKRAINOIU, 1956. [Abstracts of reports and coreports] Tezy dopovidei i spivdopovidei. L'viv, Vyd-vo Akademii nauk URSR, 1956. 11 p.

OL'MINSKII, M.S. [From the era of "Zvezda" and "Pravda"; articles of 1911-1914] Iz epokhi "Zvezdy" i "Pravdy"; stat'i 1911-1914 gg. Moskva, Gos. izd-vo polit. lit-ry, 1956. 166 p.

PETER I, the Great Emperor of Russia. [Letters and papers of Peter the Great] Pis'ma i bumagi imperatora Petra Velikogo. Moskva, Izd-vo Akademii nauk SSR
Vol. 10. [January-December 1710] (IAnvar'-dekabr' 1710 goda). 1956. 869 p.

PETROV, S.P. [Pugachev in the Penza region] Pugachev v Penzenskom krae. Izd. 2-oe, dop. Pod red. A.M. Pankratovoi [Penza] Penzenskoe kn-vo, 1956. 139 p.

POTAPOV, L.P. [Brief sketches of the history and ethnography of the Khakass (18th - 19th centuries) Kratkie ocherki istorii i etnografii khakasov (XVIII-XIX VV.) Abakan, KHakasskoe obl.Gos.izd-vo, 1952. 215 p.

PREOBRAZHENSKII, A.A. [Studies in the colonization of the western Urals during the 17th and the beginning of the 18th century] Ocherki kolonizatsii Zapadnogo Urala v XVII - nachale XVIII v. Moskva, Izd-vo Akademii nauk SSSR, 1956. 302 p.

RSHTUNI, V. [History of Armenian social currents; the second half of the 19th century, pre-Reform period] Iz istorii armianskikh obshchestvennykh techenii; vtoraia polovina 19-go veka, poreformennyi period. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 557 p. [In Armenian.]

SLEZKIN, L.IU. [The Spanish-American War of 1898] Ispano-amerikanskaia voina 1898 goda. Moskva, Izd-vo Akademii nauk SSSR, 1956. 132 p. (Nauchno-populiarnaia serila)

SMIRNOV, S.S. [Border fortress] Krepost' na granitse. Moskva, Izd-vo DOSAAF, 1956. 95 p. (V biblioteku shkol'nika)

TALANTOVA, M.N. [What to read about V.I. Lenin; recollections of his contemporaries (a brief list of recommended works)] Chto chitat' o V.I. Lenine; vospominaniia sovremennikov. Kratkii rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 31 p.

TANCHER, V. [Marxism-Leninism on the role of the masses and of the individual in history] Marksyzm-Leninizm pro rol' narodnykh mas i osoby v istorii Kyiv, Vyd-vo Kyivs'koho derzh. univ. im. T.H.Shevchenka, 1956. 43 p.

VELYHORS'KYI, IVAN. ["Canada" as a word and name] Slovo i nazva "Kanada." Winnipeg, Nakl. Ukrains'koi vil'noi akademii nauk, 1955. 39 p. (Nazvoznavstvo, 10) English summary
MH

## 5. SOCIAL SCIENCES

ABRAMOV, B.A. [Organizational work of the Party in carrying out the Lenin cooperative plan] Organizatorskaia rabota partii po osushchestvleniiu leninskogo kooperativnogo plana. Moskva, Gos. izd-vo polit. lit-ry, 1956. 163 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. [Natural and economic characteristics of the mountainous part of Bostandyk District] Priroda i khoziaistvennye usloviia gornoi chasti Bostandyka. Alma-Ata, 1956. 328 p.

ALEKSEEVA, N.I. [Capital in the coal industry] Osnovnye fondy v ugol'noi promyshlennosti. Moskva, Ugletekhizdat, 1956. 59 p. (Nauchno-proizvodsvennaia literatura po voprosam ekonomiki)

ARAKELIAN, A.A. [Fixed capital in socialist industry] Osnovnye fondy sotsialisticheskoi promyshlennosti. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti, vyp. 1, no. 1)

AVLOSHENKO, N.I. [Planning and calculating the cost of drilling oil and gas wells] Planirovanie i uchet stoimosti bureniia neftianykh i gazovykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 105 p. (V pomoshch' ekonomicheskomu obrazovaniiu neftianikov)

AYROUT, HENRY HABIB. [The fellaheen of Egypt. Translated from the French] Fellakhi Egipta. Perevod s frantsuzskogo V.V. Volkovoi i G.D. Kulagina. Moskva, Izd-vo inostrannoi lit-ry, 1954. 178 p.
(NN)

BABICHEV, P.I., V.S.KEDROV, and F.G.PONOMAREV. [Manual for passenger train conductors] Spravochnik kontroliruiushchego passazhirskii poezd. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 246 p.

BAGASHEV, M.K. [Profitableness in the Soviet and in the capitalist coal industry] Rentabel'nost' v ugol'noi promyshlennosti SSSR i kapitalisticheskikh stran. Moskva, Ugletekhizdat, 1956. 105 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

BELOV, M.I. [Mercantilism and its chief proponents in Western Europe] Merkantilizm i ego glavnye predstaviteli v stranakh Zapadnoi Evropy. Moskva, Ministerstvo vysshego obrazovaniia SSSR, 1955. 35 p.

BERDIAEV, N.A. [The history and meaning of Russian communism] Istorila i smysl russkogo kommunizma. Parizh, YMCA-press [1955] 157 p.
(NN)

BETTELHEIM, CHARLES. [The economy of France after the Second World War. Translated from the French] Ekonomika Frantsii posle vtoroi mirovoi voiny. Perevod s frantsuzskogo E.A. Menzhinskogo i E.P. Pletneva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 226 p.

BOGATOVA, G.P. [How our country is flourishing and transforming itself; a discussion of books] Kak rastsvetaet i preobrazhaetsia nasha Rodina; beseda o knigakh. Moskva, Gos. biblioteka SSSR im V.I. Lenina, 1956. 17 p. (Za novye uspekhi v shestoi piatiletke)

BORODIN, M.M., and others. [Wages in forestry] Oplata truda v lesnom khoziaistve. Moskva, Goslesbumizdat, 1956. 127 p.

BREGEL', E.IA. [The myth of the "people's capitalism"] Mif o "narodnom kapitalizme." Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 45)

CHIKVAIDZE, G.V. [Sketch of the history and present status of the merchant marine of the world] Ocherk po istorii i sovremennomu sostoianiiu mirovogo morskogo transporta. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 85 p. (Nauchno-populiarnaia serila)

D'IACHKOV, M.F. [Analysis of management in building] Analiz khoziaistvennoi deiatel'nosti v stroitel'stvo. Moskva, Ministerstvo vysshego obrazovaniia SSSR, 1955. 279 p.

[THE ECONOMICS OF SOCIALIST INDUSTRIAL ENTERPRISES; a textbook] Ekonomika sotsialisticheskikh promyshlennykh predpriiatii; uchebnoe posobie. Moskva, Gos. izd-vo polit. lit-ry, 1956. 470 p.

FEDCHYNIAK, I., and IA.Deremenda, eds. [Ukrainian Youth Association abroad; a photo album] Spilka Ukrains'koi Molodi na chuzhyni; fotoal'bom. London, TSentral'nyi komitet Spilky ukrains'koi molodi, 1954. 236 p. (chiefly illus.)
(DS)

FEIGIN, IA.G. [Methods of exploiting the natural resources of Siberia and the Far East] Puti osvoeniia prirodnykh bogatstv Sibiri i Dal'nego Vostoka. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 40)

[FOREIGN TRADE AND PRODUCTION OF THE PEOPLE'S DEMOCRACY OF CZECHOSLOVAKIA. Translated from the Czech] Vneshniaia torgovlia i proizvodstvo narodno-demokraticheskoi Chekhoslovakii. Sost. kollektiv rabotnikov vneshnei torgovli pod rukovodstvom IAroslava Navratila. Perevod s cheshskogo G.P. Pusheva. Moskva, Vneshtorgizdat, 1956. 74 p.

GERNET, M.N. [History of the czarist prison] Istorila tsarskoi tiur'my. Moskva, Gos. izd-vo furid. lit-ry,
Vol. 5. [The Schlusselburg and the Orel Central prisons for hard labor, 1907-1917] Shliasel'burgskaia katorzhnaia tiur'ma i Orlovskii katorzhnyi tsentral, 1907-1917. 1956. 339 p.

GOKHMAN, V.M. [Geography of the heavy industry of the U.S.A.; by types and regions] Geografiia tiazheloi promyshlennosti SShA; po vazhneishim otrasliam i po raionam. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 530 p.

GOLUBNICHII, I.S. [Development of capitalistic production in industry; a lecture in a course on political economy] Razvitie kapitalisticheskogo proizvodstva v promyshlennosti; lektsiia po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Sovetskaia nauka," 1955. 30 p.

GUBAREVA, M.N. [The chief task of the sixth five-year plan (a major development of heavy industry); a discussion of books] Glavnaia zadacha shestogo piatiletnego plana (O preimushchestvennom razvitii tiazheloi promyshlennosti); beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1956. 19 p. (Za novye uspekhi v shestoi piatiletke)

GUROVICH, P.V. [Rise of the labor movement in England during 1918-1921] Pod"em rabochego dvizhenila v Anglii v 1918-1921 gg. Moskva, Izd-vo Akademii nauk SSSR, 1956. 222 p.

IAKOVLEVA, M.N. [What to read about our national economy; a discussion of books] Chto chitat' o nashem narodnom khoziaistve; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1956. 14 p. (Za novye uspekhi v shestoi piatiletke)

IAKOVLEVA, M.N. [What to read about the increase of labor productivity; a discussion of books] Chto chitat' o povyshenii proizvoditel'nosti truda; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1956. 16 p. (Za novye uspekhi v shestoi piatiletke)

IOFFE, IA.A. [The principle economic task of the Soviet Union] Ob osnovnoi ekonomicheskoi zadache Sovetskogo Soiuza. Moskva, Gos. izd-vo polit. lit-ry, 1956. 32 p. (Populiarnaia bibliotechka po marksizmu-leninizmu)

KALPIN, G.Z. [The organization and the wages of workers in machine-tractor stations] Organizatsiia i oplata truda rabochikh mashino-traktornykh stantsii. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 6)

KAMENEV, V.G. [State department store] GUM. Moskva, Gostorgizdat, 1956. 70 p. illus.
(DS)

KAUTSKY, KARL. [Karl Marx's economic theories] Ekonomicheskoe uchenie Karla Marksa. Moskva, Gospolitizdat, 1956. 232 p.
(DS)

KHARAKHASH'IAN, G.M. [The economy of the German Democratic Republic is expanding] Ekonomika Germanskoi Demokraticheskoi Respubliki na novom pod"eme. Moskva, Izd-vo "Znanie," 1956. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 50)

KHRAMOV, O.O. [Business accounting and the earning capacity of an industrial enterprise] Hospodars'kyi rozrakhunok i rentabel'nist' promyslovoho pidpryiemstva. Kyiv, Derzh. vyd-vo polit. lit-ry, URSR, 1956. 57 p. (Na dopomohu ekonomichnii osviti)

KORSAKOV, A. [Production conferences at enterprises] Proizvodstvennye soveshchaniia na predpriiatiiakh. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 76 p.

KOTIENKO, I.I. [Work practices of the "Dom Leningradskoi Torgovli" (DLT) department store] Iz opyta universmaga "Dom leningradskoi torgovli." (DLT). Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 93 p.

KRASNOV, I.D. [Economics of the construction industry] Ekonomika stroitel'noi promyshlennosti. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 231 p.

LEVIN, B.M. [All-out development of heavy industry is the general line of the Communist Party of the Soviet Union] Vsemernoe razvitie tiazheloi industrii - general'naia linila KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1956. 100 p.

LEVIN, I.M. [Planning the increase in labor productivity in enterprises] Planirovanie rosta proizvoditel'nosti truda na predpriiatiiakh. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti, vyp. 1, no. 8)

LOPATKIN, A.N. [The agrarian program of the Bolsheviks during the planning and execution of the Great October Socialist Revolution] Agrarnaia programma bol'shevikov v period podgotovki i provedeniia Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 32)

MATVEEV, V.I. [Budgetary rights of the district soviets of workers deputies] Biudzhetnye prava raionnykh Sovetov deputatov trudiashchikhsia. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 73 p.

MURAV'EVA, N.A. [The new pension law] Novyi zakon o pensiiakh. Moskva, Gos. izd-vo polit. lit-ry, 1956. 63 p.

PETROV, A.I. [What is socialist accumulation?] Chto takoe sotsialisticheskoe nakoplenie. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 44)

POMUS, M.I. [Western Siberia; economic geography] Zapadnaia Sibir'; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 643 p.

[PRODUCTIVITY AGAINST THE WORKING CLASS IN CAPITALIST COUNTRIES; a collection of articles. Translated from the French, German and English] Proizvoditel'nost' protiv rabochego klassa v stranakh kapitala; sbornik materialov. Perevod s frantsuzskogo, nemetskogo i angliiskogo V.V.Liublinovoi i dr. Predisl. A.I.Notkina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 225 p.

REGIS, GIUSEPPE. [Economic geography of Italy. Translated from the Italian] Ekonomicheskaia geografiia Italii. Perevod s ital'ianskogo i predisl. G.D.Kulagina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 80 p.

REZNICHENKO, F.G. [Economizing in industrial enterprises; the practice of a group in the Vladimir Il'ich Electric Machinery Plant in Moscow] Rezhim ekonomii na promyshlennom predpriiatii; opyt kollektiva Moskovskogo elektromekhanicheskogo zavoda imeni Vladimira Il'icha. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Ekonomika promyshlennosti, vyp. 1, no. 3)

RIZHKOV, I.I. [Lowering the cost and raising the quality of production in socialist industry] Znyzhennia sobivartosti i pidvyshchennia iakosti produktsii v sotsialistychnomu vyrobnytstvi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1956. 54 p. (Na dopomohu ekonomichnii osviti)

RUSSIA (1917- R.S.F.S.R.) Ministerstvo finansov. [National budget of the Russian S.F.S.R. for 1956 and putting the 1954 budget into effect. Report of the Deputy I.I. Fadeev, Minister of Finances of the Russian S.F.S.R., at the second session of the Supreme Soviet of the Russian S.F.S.R., January 23, 1956. Law on the budget of the Russian S.F.S.R. for 1956] O Gosudarstvennom biudzhete RSFSR na 1956 god i ob ispolnenii Gosudarstvennogo biudzheta RSFSR za 1954 god; doklad Ministra finansov RSFSR na vtoroi sessii Verkhovnogo Soveta RSFSR 23 ianvaria 1956 g. Zakon o Gosudarstvennom biudzhete Rossiiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki na 1956 god. Moskva, Gos. izd-vo polit. lit-ry, 1956. 34 p.

RUSSIA (1923- U.S.S.R.) Upravlenie kodifikatsii i sistematizatsii zakonodatel'stva. [Instructions of the State Bank of the U.S.S.R., no. 57 of July 20, 1954, "On the payment of state duty and the registration and sale of state revenue stamps] Instruktsiia Gosudarstvennogo banka SSSR, no. 57 ot 20 iiulia 1954 g., "o poriadke uplaty gosudarstvennoi poshliny i poriadke ucheta i prodazhi marok gosudarstvennoi poshliny." Moskva, Gosiurizdat, 1955. 19 p.
(DS)

RYNDINA, M.N. [Modern Malthusianism] Sovremennoe mal'tuzianstvo. Moskva, Gos. izd-vo polit. lit-ry, 1956. 62 p.

SEREBRIAKOV, S.V. [The organization and the technique of Soviet trade; a textbook for commercial schools] Organizatsiia i tekhnika sovetskoi torgovli; uchebnik dlia torgovykh vuzov. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 420 p.

SHEVCHENKO, I.I. [History of social democratic organizations in the Ukraine; the Kiev "Union for the fight for the liberation of the working class"] Iz istorii sotsial-demokraticheskikh organizatsii na Ukraini; kyivs'kyi "Soiuz borot'by za vyzvolennia robitnychoho klasu." [Kyiv] Vyd-vo Kyivs'koho derzh. univ. im. T.H. Shevchenka, 1956. 164 p.

[SIXTY YEARS OF THE UKRAINIANS IN CANADA; anniversary volume of the Ukrainian National Home in Winnipeg] Litopys Ukrains'ko-Kanadiis'koho 60-littia; propam'iatna knyha ukrains'koho narodnoho domu v Vinnipegu. Vinnipeg, 1951. 38 p.

SOKOLOV, IU.S. [What is the meaning of heavy industry?] V chom znachenie tiazheloi industrii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 35 p.

SOLOVEICHIK, L.M. [Ways of increasing the profitableness of communication enterprises] Puti povysheniia rentabel'nosti predpriiatii sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 47 p. (Lektsii po ekonomike sviazi)

TALANTOVA, M.N. [What youth should read about the Communist attitude toward labor; a discussion of books] Chto chitat' molodezhi o kommunisticheskom otnoshenii k trudu; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1956. 16 p. (Za novye uspekhi v shestoi piatiletke)

[TIME TABLE FOR THE INTERURBAN TRAINS, MOSCOW-(MONINO) ZAGORSK; with branches. Winter 1951/52] Raspisanie prigorodnykh poezdov Moskva-(Monino) Zagorsk; s vetviami. Zima 1951/1952 g. [Moskva] Transzheldorizdat [1951] 92 p.

[UKRAINIAN CANADIAN BUSINESS AND PROFESSIONAL ALMANAC FOR 1957] Kalendar-al'manakh Ukrains'kykh kanadiis'kykh pidpryiemtsiv i profesionalistiv. Richnyk.III. 1957. Toronto, Nakl. Ob'iednannia ukrains'ko-kanadiis'kykh pidpryiemtsiv i profesionalistiv Toronta [n.d.] 152 p.

VINOKUR, S.L., and A.V.MOGILEVICH. [Computation and collection of tax payments from the wages of workers and employees] Ischislenie i vzimanie nalogovykh platezhei s zarabotnoi platy rabochikh i sluzhashchikh. Izd. 2-oe, dop. Moskva, Gosfinizdat, 1956. 79

VSESOIUZNYI TSENTRAL'NYI SOVET PROFESSIONAL'NYKH SOIUZOV. [Collection of regulations on commissions of the factory and local committee] Sbornik polozhenii o komissiiakh FZMK. [Moskva] Profizdat, 1956. 47 p.
(DS)

ZEMTSOVA, M.I. [Ways of compensating for blindness during perception and work processes] Puti kompensatsii slepoty v protsesse poznavatel'noi i trudovoi deiatel'nosti. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 418 p.

ZOTOV, GEORGII. [I have seen the Motherland] IA pobyval na rodine. Miunkhen, Svobodnyi golos [1956] 155 p.

## 6. POLITICAL SCIENCE

[ANSWERS TO QUESTIONS ON THE FIRST CHAPTER OF THE SHORT COURSE ON THE ALL-UNION COMMUNIST PARTY] Otvety na voprosy po pervoi glave kratkogo kursa istorii VKP(b). [Moskva] Moskovskii rabochii. (V pomoshch' izuchaiushchim istoriiu VKP(b)
No. 1. 1947. 41 p.

BOGUSH, E.IU. [The possibility of averting war in the modern era] O vozmozhnosti predotvrashchenila voin v sovremennuiu epokhu. Moskva, Izd-vo "Znanie," 1956. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, no. 26)

BULGANIN, N.A. [Draft of a law concerning government pensions; a report at the fifth session of the Supreme Soviet of the U.S.S.R. (fourth convocation), July 11, 1956. The law concerning government pensions] Proekt zakona o gosudarstvennykh pensiiakh; doklad na piatoi sessii Verkhovnogo Soveta SSSR chetvertogo sozyva 11 iiulia 1956 goda. Zakon o gosudarstvennykh pensiiakh Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p.

BULUCHEVSKII, V.K., and IA.N.TUPAL. [Novo-Varshavka village soviet] Novo-Varshavskii sel'skii Sovet. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 54 p.

CHERNIKOV, K.V. [The twelfth conference of the Russian Communist Party(Bolshevik)] Dvenadtsataia konferentsiia RKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1956. 49 p. (S"ezdy i konferentsii KPSS)

CHIUNG-KUO-JEN-MIN-CHENG-CHIH-HSIEH-SHANG-HUI-I. [Proceedings of the second session of the All-China Committee of the People's Political Consultative Council, second convocation (January 30-February 7, 1956) Materialy vtoroi sessii Vsekitaiskogo komiteta narodnogo politicheskogo konsul'tativnogo soveta, vtorogo sozyva (30 ianvaria-7 fevralia 1956 g.). Moskva, Gos. izd-vo polit. lit-ry, 1956. 114 p.

KAZAKH S.S.R. Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the Kazakh S.S.R. first session, March 18-21, 1947; stenographic report] Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, pervaia sessiia 18-21 marta 1947 g. Stenograficheskii otchet. Alma-Ata, Kazakhskoe ob"edinennoe gos. izd-vo, 1948. 152 p.

KHRUSHCHEV, N.S. [Speech at the Moscow builders' celebration dedicated to Builder's Day and the opening of the Central Lenin Stadium on July 31 1956] Rech' na prazdnike moskovskikh stroitelei, posviashchennom dniu stroitelia i otkrytiiu TSentral'nogo stadiona imeni V.I. Lenina, 31 iiulia 1956 g. Moskva, Gospolitizdat, 1956. 15 p.
(DS)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. [Statutes of the Communist Party of the Soviet Union; adopted by the 19th Party Congress (partially amended by the 20th Party Congress)] Ustav...; priniat XIX s"ezdom partii (Chastichnye izmeneniia vneseny XX s"ezdom KPSS). [Moskva] Gos. izd-vo polit. lit-ry, 1956. 114 p.

LEMIN, I.M. [Colonialism is a disgrace to humanity] Kolonializm - pozor cheloveschestva. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, no. 25)

LENIN, V.I. [Report on peace at the Second All-Russian Congress of Soviets of Workers' and Soldiers' Deputies, October 26 (November 8) 1917. On the internal and foreign policy of the Republic; a report to the All-Russian Central Executive Committee and the Council of People's Commissars at the Ninth All-Russian Congress of Soviets, December 23, 1921] Doklad o mire na vtorom Vserossiiskom s'ezde Sovetov rabochikh i soldatskikh deputatov; 26 oktiabria (8 noiabria) 1917 g. O vnutrennei i vneshnei politike respubliki; otchet VTsIK i SNK IX Vserossiiskomu s"ezdu Sovetov, 23 dekabria 1921 g. Moskva, Gos. izd-vo polit. lit-ry, 1956. 254 p.

LENINGRAD. Ordinances, etc. [A collection of resolutions and ordinances of the Executive Committee of the Leningrad Council of Workers' Deputies] Sbornik reshenii i rasporiazhenii Ispolnitel'nogo komiteta Leningradskogo gorodskogo Soveta deputatov trudiashchikhsia. [Leningrad] Lenizdat, 1956. 606 p.
(DS)

MARAT, JEAN PAUL. [Selected works] Izbrannye proizvedeniia. Sost. V.P. Volgin i A.Z. Manfred. Perevod S.B. Kana. Vstup. stat'ia A.Z. Manfreda. Kommentarii V.M. Dalina. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. 1956. 360 p.
Vol. 2. 1956. 316 p.
Vol. 3. 1956. 420 p.

PETROV, I.F. [The great vitality of Communist Party policy] Velikaia zhiznennaia sila politiki Kommunisticheskoi partii. Moskva, Izd-vo "Znanie," 1956. 55 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, nos. 34, 35)

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. [Proceedings of the fifth session of the Supreme Soviet of the U.S.S.R. on the problems of disarmament and the banning of atomic and hydrogen weapons, July 10, 1956] Materialy piatoi sessii Verkhovnogo Soveta SSSR po voprosam razoruzheniia i zapreshcheniia atomnogo i vodorodnogo oruzhiia, 10 iiulia 1956 goda. Moskva, Gos. izd-vo polit. lit-ry, 1956. 95 p.

SEL'CHUK, V.V. [What to read on the Soviet Union's peaceful foreign policy; a discussion of books] Chto chitat' o mirolliubivoi vneshnei politike SSSR; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 20 p. (Za novye uspekhi v shestoi piatiletke)

SEMENOVA, V.A. [The Communist Party is leading our country along Lenin's path to the triumph of communism; a discussion of books] Kommunisticheskaia partiia vedet nashu stranu po leninskomu puti k torzhestvu kommunizma; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 26 p. (Za novye uspekhi v shestoi piatiletke)

SOEKARNO, ACHMED. [Indonesia accuses; a collection of articles and speeches. Translated from the Indonesian and English] Indoneziia obviniaet; sbornik statei i rechei. Perevod s indonezliskogo i angliiskogo. Moskva, Izd-vo inostrannoi lit-ry, 1956. 301 p.

TIKHOMIRNOV, G. [Eleventh congress of the Russian Communist Party] Odinnadtsatyi s"ezd RKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1956. 66 p. (S"ezdy i konferentsii KPSS)

## 7. LAW

GEORGIA (Transcaucasia). [Constitution (fundamental law) of the Georgian Soviet Socialist Republic] Konstitutsiia (osnovnoi zakon) Gruzinskoi Sovetskoi Respubliki. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 39 p. [In Georgian.]

GRIGOR'EV, V.K. [Legislative principles governing land reform in Czechoslovakia; a lecture] Zakonodatel'nye osnovy zemel'nykh preobrazovanii v Chekhoslovatskoi Respublike; lektsiia, prochitannaia na iuridicheskom fakul'tete. [Moskva] Izd-vo Moskovskogo univ., 1956. 26 p.

LEIKINA, N.S. [Responsibility for crime against Soviet trade; problems of qualification] Otvetstvennost' za prestupleniia protiv sovetskoi torgovli; voprosy kvalifikatsii. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 46 p.

A 7 - 9

MOSCOW. UNIVERSITET. IUridicheskii fakul'tet. [Land law] Zemel'noe pravo. [Moskva]
[No. 1] [Subject: "Law of collective farm land use."] Tema: "Pravo zemlepol'zovaniia kolkhozov."
[No. 2] [Model plan for conducting seminar meetings and assignments on: (1) The law of state socialist land ownership in the U.S.S.R; (2) Law of land use by state agricultural enterprises (state farms and others).] Primernyi plan provedeniia seminarskikh zaniatii i zadachi po temam: (1) Pravo gosudarstvennoi sotsialisticheskoi sobstvennosti na zemliu v SSSR; (2) Pravo zemlepol'zovaniia gosudarstvennykh sel'skokhoziaistvennykh predpriiatii (sovkhozov i dr.) [1955] 7 p.

PETRENKO, V. M. [Legal guarantees of the defendant's right to judicial assistance] Obespechenie prava obviniaemogo na zashchitu po sovetskomu zakonodatel'stvu. Moskva, Gos. izd-vo iurid. lit-ry, 1955. 44 p. (Populiarnaia iuridicheskaia literatura)
DS

RUSSIA (1923- U.S.S.R.) Laws, statutes, etc. [The law concerning government pensions; passed by the Supreme Soviet of the U.S.S.R. July 14, 1956] Zakon o gosudarstvennykh pensiiakh; priniat Verkhovnym Sovetom SSSR 14 iiulia 1956 goda. Moskva, Izd-vo "Izvestiia," 1956. 30 p.

SHIFMAN, M. L. [Public prosecutors in criminal courts] Prokuror v ugolovnom sude. Moskva, IUrid. izd-vo, 1946. 207 p.

TURUBINER, A. M. [Legislative principles governing land reforms in the Hungarian People's Republic; a lecture read before the Law Department] Zakonodatel'nye osnovy zemel'nykh preobrazovanii v Vengerskoi Narodnoi Respublike; lektsiia, prochitannaia na iuridicheskom fakul'tete. [Moskva] Izd-vo Moskovskogo univ., 1956. 26 p.

## 8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut defektologii. [Principles governing the selection of students for auxiliary schools] Printsipy otbora detei vo vspomogatel'nye shkoly. Pod red. G. M. Dul'neva i A. R. Luriia. Moskva, 1956. 290 p.

[BASKETBALL IN THE U.S.S.R.] Basketbol v SSSR. [Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956] 1 v. (unpaged)

COMENIUS, JOHANN AMOS. [Selected pedagogical works] Izbrannye pedagogicheskie sochineniia. [Perevod] Tbilisi, Izd-vo Instituta pedagogicheskikh nauk Gruzinskoi SSR, 1949. 374 p. [In Georgian.]

ERASTOVA, E.A. [The training of blind children in the home] Vospitanie slepykh detei v sem'e. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 58 p. (Pedagogicheskie sovety roditeliam)

F., P. [Manual of Swedish gymnastics; based on L. N. Terngren's work] Pidruchnyk shvedz'koi rukhanky; na osnovi pidruchnyka L. N. Terngrena. New York, Vyd-vo "Hoverlia," 1956. 344, v p.

[GREAT POTENTIALS; stories of committee secretaries of the Communist Youth League in trade schools about Communist Youth League work] Bol'shie rezervy; rasskazy sekretarei Komitetov VLKSM remeslennykh uchilishch o rabote komsomol'skikh organizatsii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 160 p.

KUPRIIANOV, N. D. [How to meet requirements for medals in the "Be Ready for Labor and Defense" and "Ready for Labor and Defense" organizations] Kak sdat' normy na znachok BGTO i GTO. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 107 p.

LORDKIPANIDZE, D.O. [A classic figure of Georgian pedagogy, IAkov Gogebashvili] Klassik gruzinskoi pedagogiki IAkov Gogebashvili. Tbilisi, Nauchno-issledovatel'skii institut pedagogicheskikh nauk Ministerstva prosveshcheniia Gruzinskoi SSR, 1952. 130 p.

LORTKIPANIDZE, D.O. [Outstanding Georgian pedagog, IAkov Gogebashvili] Vydaiushchiisia Gruzinskii pedagog IAkov Gogebashvili. Tbilisi, Izd. Ob-va po rasprostraneniiu polit. i nauchnykh znanii Gruzinskoi SSR, 1956. 39 p. [In Georgian]

MALEINOV, A. A. [Mountaineering] Al'pinizm. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 280 p.

METAEV, IU.A. [Physical culture and sports in the U.S.S.R.] Fizicheskaia kul'tura i sport v SSSR. Moskva, Znanie, 1955. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. (CSt-H)

MOSCOW. UNIVERSITET. [The jubilee session celebrating the 200th anniversary of the University, May 9-13, 1955; papers delivered] IUbileinaia nauchnaia sessiia; posviashchennaia 200-letiiu universiteta, 9-13 maia 1955 goda; tezisy dokladov. [Moskva] Izd-vo Moskovskogo univ., 1955. 1 v.
(MH)

MOSCOW, UNIVERSITET. [Moscow University; a brief sketch of its departments and specialities] Moskovskii universitet; kratkii ocherk fakul'tetov i spetsial'nostei dlia postupaiushchikh v MGU. Pod red. G. D. Vovchenko. [Moskva] 1956. 50 p.
(DS)

[THE PATH TO A PROFESSION] Put' v professiiu. [Sost. M. S. Panich. Leningrad] Leningradskoe gazetno-zhurnal'noe i knizhnoe izd-vo, 1955. 137 p.

PIROGOV, D. I. [Selected pedagogical works] Izbrannye pedagogicheskie sochineniia. Moskva, 1951. 413 p.
(NNC)

[THE "READY FOR LABOR AND DEFENSE" ORGANIZATION IN THE SCHOOLS] GTO v shkole. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 175 p.

[REFERENCE BOOK FOR STUDENTS ENTERING SECONDARY SPECIAL SCHOOLS (TECHNICAL AND VOCATIONAL) IN THE UKRAINE DURING 1956; the situation as of February 1, 1956] Dovidnyk dlia vstupnykiv do serednikh spetsial'nykh uchbovykh zakladiv (tekhnikumy, uchylyshcha, shkoly) Ukrains'koi RSR na 1956 rik; za stanom na 1-e liutoho 1956 roku. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1956. 180 p.

ROUSSEAU, JEAN JACQUES. [Emile, or Education. Translated from the French] Emil' ili o vospitanii. [Perevod] [Tbilisi] Izd-vo Instituta pedagogicheskikh nauk Gruzinskoi SSR, [1949] 856 p. [In Georgian.]

RUSSIA (1917- R. S. F. S. R.) TSentral'nyi nauchno-metodicheskii kabinet detskikh domov. [Handbook on child welfare; for workers in public education divisions] Spravochnik po voprosam okhrany detstva; dlia rabotnikov otdelov narodnogo obrazovaniia. Izd. 3-e, perer. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 226 p.

RUSSIA (1923- U.S.S.R.) Komitet po fizicheskoi kul'ture i sportu. [Weight lifting] Tiazhelaia atletika. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 19 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. [Regulations governing admission and programs of entrance examinations for students entering secondary schools for special studies in 1956] Pravila priema i programmy priemnykh ekzamenov dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia v 1956 godu. Moskva, 1956. 38 p.

SEMENOV, D.D. [Preparing the bicycle for competition] Podgotovka velosipeda k sorevnovaniiu. Pod obshchoi red. I.P.Plekhanova. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 82 p.

[SPORTS FACILITIES IN MOSCOW] Sportivnaia Moskva. [Moskva] "Fizkul'tura i sport," 1956. (folder)

SUKHOMLINSKII, V.A. [Teaching collectivism to students; the practice of rural secondary schools] Vospitanie kollektivizma u shkol'nikov; iz opyta sel'skoi srednei shkoly. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 270 p.

TAVZISHVILI, G.IA. [History of public education and pedagogical thought in Georgia] Istoriia narodnogo obrazovaniia i pedagogicheskoi mysli v Gruzii. Tbilisi, Izd-vo Instituta pedagog. nauk Gruzinskoi SSR. [In Georgian.]
Vol. 2. [Public education and pedagogical ideas in the first half and the 1860's] Narodnoe obrazovanie i pedagogicheskie idei pervoi poloviny i 60-kh gg. XIX veka. 1948. 573 p.

TOVAROVSKII, M. D. [Soccer; an illustrated textbook on the techniques of the game] Futbol; nagliadnoe uchebnoe posobie po tekhnike igry. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 126 p.

[TRACK AND FIELD ATHLETICS IN THE U.S.S.R.] Legkaia atletika v SSSR. [Moskva, Fizkul'tura i sport, 1956] 1 v. (unpaged)

TSENTSIPER, M.B. [Labor performed by school children's groups; work practice of School no. 437 in Moscow] Trudovala deiatel'nost' shkol'nogo uchenicheskogo kollektiva; iz opyta raboty shkoly no. 437 g. Moskva. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 110 p.

[U.S.S.R. CHESS CODE] Shakhmatnyi kodeks SSSR. Izd. 7-oe. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 30 p.

[V.I.LENIN PIONEER ORGANIZATION; a textbook for pedagogical schools] Pionerskaia organizatsiia imeni V.I.Lenina; posobie dlia pedagogicheskikh uchilishch. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 323 p.

VSESOIUZNOE DOBROVOL'NOE OBSHCHESTVO SODEISTVIIA ARMII, AVIATSII I FLOTU. [Rules of the all-Union motorcycle competitions for the 1956 single and team championships of the Volunteer Society for cooperation with the Army, Air Force and Navy of the U.S.S.R. (cross-country race)] Polozhenie o vsesoiuznykh sorevnovaniiakh po mototsikletnomu sportu na lichno-komandnoe pervenstvo DOSAAF SSSR v 1956 godu (Kross).

VSESOIUZNYI TSENTRAL'NYI SOVET PROFESSIONAL'NYKH SOIUZOV. Kul'turno-massovyi otdel. [Plans for activities of clubs at Pioneer camps] Plany zaniatii kruzhkov v pionerskikh lageriakh. [Moskva] 1956. 77 p.

ZATULOVSKII, D. M., and I. M. KRASAVIN. [Physical culture in the Pamirs] Fizkul'tura na Pamire. [Moskva] Izd-vo V Tsik Profizdat, 1956. 100 p.

ZORINA, A.L., and Z.A.SERGEEVA. [Kindergartens; a manual for organizers of kindergartens] Detskii sad, v pomoshch' organizatoram detskikh sadov. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 31 p.

## 9. MUSIC, THEATER & MOTION PICTURES

[COMPOSERS OF THE MOLDAVIAN S.S.R.; brief sketches of their life and works] Kompozitory Moldavskoi SSR, kratkie ocherki zhizni i tvorchestva. Kishinev, Gos. izd-vo Moldavii, 1956. 179 p.

[A CONCERT AT THE CLUB; material for the propaganda group] Kontsert v klube; materialy dlia agitbrigad. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 87 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 30)

MOLEBNOV, M.P. [The Penza serf theater of the Gladkova] Penzenskii krepostnoi teatr Gladkovykh. [Penza] Penzenskoe kn-vo, 1955. 54 p.

POPOVA, T.V. [Russian folk music] Russkoe narodnoe muzykal'noe tvorchestvo. Moskva, Gos. muzykal'noe izd-vo.
No. 2, 1956. 271 p.

PRACH, IVAN. [A collection of Russian folksongs, with music. Set to music by Ivan Prach] Sobranie narodnykh russkikh pesen s ikh golosami. Na muzyku polozhil Ivan Prach. Pod red. i s vstup. stat'ei V.M.Beliaeva. Moskva, Muzgiz, 1955. 340 p.
(NN)

[REPERTORY FOR RUSSIAN FOLK INSTRUMENTS] Repertuar dlia russkikh narodnykh instrumentov. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 28)
No. 3, 1956. score (95 p.)

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie shkol. [Song festivals as a means of improving choral work among students; practical directions] Prazdnik pesni kak sredstvo povysheniia khorovoi kultury shkol'nikov; metodicheskoe pis'mo. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 37 p.

SYRKINA, F.IA. [Russian art in stage setting and scenery for theaters during the second half of the 19th century; sketches] Russkoe teatral'no-dekoratsionnoe iskusstvo vtoroi poloviny XIX veka; ocherki. Moskva, Gos. izd-vo "Iskusstvo," 1956. 378 p.

[WITH THE ACCORDION] Pod baian. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 29)
No. 3. 1956. score (102 p.)

ZELENINA, M. E., A. L. DRUZHININA, and E. E. LEVINA. [Amateur theatricals; a recommended reading list] Teatral'naia samodeiatel'nost'; ukazatel' literatury. Pod obshchei red. F. N. Kaverina. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1955. 126 p. (V pomoshch' khudozhestvennoi samodeiatel'nosti)

## 10. FINE ARTS

ALPATOV, M. V. Aleksandr Andreevich Ivanov; [life and works] zhizn' i tvorchestvo. Moskva, Gos. izd-vo "Iskusstvo." (Russkie khudozhniki. Monografii. Aleksandr Ivanov, 1806-1858)

BORISOVSKII, G. B. [The industrialization of building and our architectural heritage; problems of composition] Industrializatsiia stroitel'stva i arkhitekturnoe nasledie; voprosy kompozitsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 217 p. (Voprosy teorii arkhitektury)

KOCHETOVA, S. M. [Porcelain and paper in the art of China; a brief historical sketch] Farfor i bumaga v iskusstve Kitaia; kratkii istoricheskii ocherk. Moskva, Izd-vo Akademii nauk SSSR, 1956. 89 p. (Nauchno-populiarnaia serila)

KUBLANOV, B. G. [Aesthetic sense and art] Esteticheskoe chuvstvo i iskusstvo. [L'vov] Izd-vo L'vovskogo univ., 1956. 60 p.

LENINGRAD. ERMITAZH. [West European tapestry from the 14th to the 18th century] Zapadnoevropeiskie shpalery XIV-XVIII vv. Moskva, Gos. izd-vo "Iskusstvo," 1956. 35 p., illus. (Putevoditeli po vystavkam)

MOLEVA, N. M., and E. M. BELIUTIN. [The pedagogical system of the Academy of Arts during the 18th century] Pedagogicheskaia sistema Akademii khudozhestv XVIII veka. Moskva, Gos. izd-vo "Iskusstvo," 1956. 518 p., illus.

MOSCOW. GOSUDARSTVENNAIA TRET'IAKOVSKAIA GALLEREIA. [The State Tret'iakov Gallery; a brief historical sketch] GosudarstvennaiaTret'iakovskaia gallereia; kratkii istoricheskii ocherk. Moskva, Gos. izd-vo "Iskusstvo," 1956. 46 p.

MOSCOW. GOSUDARSTVENNYI MUZEI IZOBRAZITEL'NYKH ISKUSSTV. [French painting of the 19th century; guidebook to an exhibition of pictures from French galleries] Frantsuzskaia zhivopis' XIX veka; vystavka kartin iz sobranii muzeev Frantsii, Putevoditel'. Moskva, Gos. izd-vo "Isskustvo," 1956. 60 p.

MOSCOW. MUZEI ARKHITEKTURY. [Collection of architectural details; Moscow palaces of the 18th century] Al'bomy partikuliarnykh stroenii; zhilye zdaniia Moskvy XVIII veka. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 324 p. (chiefly illus.) (Arkhitekturnye al'bomy M. F. Kazakova)

POPOVA, L. [S.I.Svitoslavs'kyi; a sketch of his life and work] S.I.Svitoslavs'kyi; narys pro zhyttia ta tvorchist'. Kyiv, Mystetstvo, 1955. 32 p.
(MH)

PRILEZHAEVA-BARSKAIA, B.M. [The serf artist; a tale of the life of the artist V.A.Tropinin] Krepostnoi khudozhnik; povest' o zhizni khudozhnika V.A.Tropinina. Leningrad, Gos. izd-vo detskoi lit-ry, 1956. 141 p. (Shkol'naia biblioteka)

[REMBRANDT VAN RIJN, 1606-1669] Rembrandt van Rein, 1606-1669. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. xix p., 43 plates.

SALTYKOV, A. B. [Gzhel' majolica] Majolika Gzheli. Moskva, Gos. izd-vo "Iskusstvo," 1956. 180 p., illus.

[THE SOVIET ARMY AND NAVY IN THE WORKS OF BATTLE ARTISTS IN THE M. B. GREKOV STUDIO; paintings, sculptures, drawings] Sovetskaia armiia i flot v proizvedeniiakh voennykh khudozhnikov studii imeni M. B. Grekova; zhivopis' - skul'ptura - grafika. [Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956.] 35 plates (in portfolio)

VASILII PROKOF'EVICH EFANOV. Moskva, Izd-vo "Sovetskii khudozhnik," 1953. 21 p., illus.

## 11. LANGUAGE, LITERATURE & FOLKLORE

'ABD AL-KADIR, called BEDIL. [Komde and Modan; a narrative poem. Translated from the Tajik by Lev Pen'kovskii] Komdo i Modan; poema. Perevod s tadzhikskogo L'va Pen'kovskogo. Moskva, Goslitizdat, 1955. 88 p.
(CLU)

AKADEMIIA NAUK SSSR. IAkutskii filial. Yakutsk. Institut iazyka, literatury i istorii. [Historical sketch of Soviet Yakut literature] Sakha sovetskai literaturatyn istorilatyn ocherkata. IAkutskai, Sakha Sirineechi kinige izdatel'stvata, 1956. 318 p. [In Yakut.]

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Dictionary of the modern Russian literary language] Slovar' sovremennogo russkogo literaturnogo iazyka. Moskva.
Vol. 5. I-K. 1956. 1918 columns.

AKADEMIIA NAUK SSSR. Institut literatury. [History of Russian literature] Istoriia russkoi literatury. Moskva, 1941-1947.
Vol. 3.
Vol. 4.
(CaOTO)

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [History of Russian literature] Istoriia russkoi literatury. Glav. red. M. P. Alekseev i dr. Moskva.
Vol. 9. [Literature of the 1870's and 1880's] Literatura 70-80-kh godov. Red. kollegiia toma B. I. Bursov i dr.
Pt. 1. 1956. 531 p.

AKADEMIIA NAUK URSR, Kiev. Institut suspil'nykh nauk [Studies on Ivan Franko's works] Doslidzhennia tvorchosti Ivana Franka. Kyiv, 1956. 302 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Nauchno-issledovatel'skii institut pedagogiki, Leningrad. [Problems in methods of teaching Russian in classes 5-7; a collection of articles] Voprosy metodiki prepodavaniia russkogo iazyka v V-VII klassakh; sbornik statei. Pod red. N.A.Bubleevoi. Moskva, 1956. 142 p.

ALAS, LEOPOLD. [Farewell, Cordera! Translated from the Spanish] Proshchai, Kordera! Perevod s ispanskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 37 p.

AMIR, MIRSAI. [Vain efforts; stories. Translated from the Tatar] Pustye khlopoty; rasskazy. Avtorizovannyi perevod s tatarskogo, Moskva, Sovetskii pisatel', 1956. 80 p.

ANDERSEN, HANS CHRISTIAN. [Tales. Translated from the Danish] Skazki. [Perevod s datskogo A. Ganzen.] Risunki V. Alfeevskogo. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 173 p.

ANTONOV, SERGEI. [Conversation; a tale and stories] Razgovor; povest' i rasskazy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 333 p.

ASANALIEV, K. [The novels of Tugel'bai Sydykbekov] Romany Tugel'baia Sudykbekova. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1956. 96 p.

ASHYKOV, N., and others. [Khezirki zaman edebiiaty; orta mektebin X klasy uchin okuv kitaby. 3. nesh. Ashgabat, Tukrmendovletokyypedneshir, 1956. 194 p. [In Turkmen.]
(InU)

AVDEENKO, A.O. [On the Tisza; a border chronicle] Nad Tissoi; iz pogranichnoi khroniki. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 524 p.

AZAROV, VSEVOLOD. [Comrade Thaelmann; a poem] Tovarishch Tel'man; poema. Leningrad, Sovetskii pisatel', 1956. 97 p.

BALASHKIN, P. P. [Collected works] Sobranie sochinenii. San Frantsisko, Kn-vo Sirius.
Vol. 1. [Stories] Rasskazy. [1951] 249 p.
Vol. 2. [Stories] Rasskazy. [1951] 272 p.
Vol. 3. [Stories] Rasskazy. [1952] 278 p.

BATROV, A. [To-morrow the ocean; a tale] Zavtra - okean; povest'. Moskva, Gos. izd-vo detskoi lit-ry, 1954. 205 p.

BELINSKII, V.G. [Letter to Gogol] Pis'mo k Gogoliu. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 27 p.

BELOSTOTSKAIA, O. M., and E. IU. MAZURSKAIA. [Textbook of the German language for technical schools] Uchebnik nemetskogo iazyka dlia tekhnikumov. Moskva, Izd-vo lit-ry na inostrannykh iazykakh.
Pt. 2. 1956. 221 p.

BERBERIAN, A. R. [From a Red partisan's notebook] Iz zapisnoi knizhki krasnogo partizana. Erivan, Armianskoe gos. izd-vo, 1956. 93 p. [In Armenian.]

BERKOV, P. N. [Aleksandr Ivanovich Kuprin; a critical and biographical sketch] Aleksandr Ivanovich Kuprin; kritiko-biograficheskii ocherk. Moskva, Izd-vo Akademii nauk SSSR, 1956. 191 p. (Nauchno-populiarnaia serila)

BERTAGAEV, T.A. [Grammar of the Buryat language] Grammatika buriat-mongol'skogo iazyka. [By] T.A. Bertagaev, M.N.Imekhenov, D.D.Dugar-Zhabon. [Ulan-Ude, 1954]
(MH)

[THE BIRTH OF BRAVERY; stories] Rozhdenie podviga; rasskazy. [n.p.] Ministerstvo kul'tury i propagandy KNDR, 1955. 133 p.

BOKHENS'KYI, IAROSLAV. [The secret of the Red embassy; a sensational tale] Taina chervonoho posol'stva; senzatsiina povist'. New York, Vyd-vo "Hoverlia," 1956. 181 p.

BORSHCHAGOVSKII, A.M. [The Russian flag; a historical novel] Russkii flag; istoricheskii roman. Moskva, Sovetskii pisatel', 1955. 649 p.
(RPB)

BOTSVADZE, N. I., and E. I. BURDZHANADZE. Deda zna; [a reader to follow the primer] kniga dlia chteniia posle bukvaria. Tbilisi, Gosizdat Gruzinskoi SSR. [In Georgian.]
Pt. 2. 1956. 106 p.

BRASOL, BORIS LEO. [Difference of accentuation in Pushkin and in the Russian language] Raznoudarienie most' u Pushkina i v russkoi rechi; filologicheskaia spravka. N'iu-Iork, Izd. Ob-va im. A.S.Pushkina v Amerike, 1956. 19 p.
(MH)

BRASOL, BORIS LEO. [Russian orthography; philological information] Russkoe pravopisanie; filologicheskaia spravka. N'iu-Iork, Izd. Ob-va im.A.S. Pushkina v Amerike, 1956. 10 p.
(MH)

BRINSKII, A.P. [On the other side of the front; recollections of a partisan] Po tu storonu fronta; vospominaniia partizana. Literaturnaia zapis' B.Pil'nika. [Izd. 2-oe, dop. i perer.] [Gor'kii] Gor'kovskoe kn-vo, 1956. 512 p.

BUBENOV, M. S. [White birch; a novel. Books 1 and 2] Belaia bereza; roman. Knigi pervaia i vtoraia. Moskva, Gos. izd-vo khudozh lit-ry, 1956. 622 p. (Biblioteka sovetskogo romana)
(NcD)

BULATOV, M. A. [Wonderful wonders; Russian folk tales] Divo-divnoe; russkie narodnye skazki. Moskva, Detgiz, 1956. 94 p. (Shkol'naia biblioteka dlia nerusskikh shkol)
(NN)

BYLINSKII, K.I., ed. [Exercise book in the modern Russian literary language] Praktikum po sovremennomu russkomu i literaturnomu iazyku. [Moskva] Izd-vo Moskovskogo univ.
Vol. 2. [Punctuation] Punktuatsiia. 1956. 133 p.

CALDWELL, ERSKINE. [Stories. Translated from the English] Rasskazy. Perevod s angliiskogo. Sost. i red. I.A.Kashkina. Moskva, Izd-vo "Pravda," 1956. 46 p. (Biblioteka "Ogonek," no. 49)

CHAND, PREM. [The sacrificial cow; a novel. Translated from the Urdu] Zhertvennaia korova; roman. Perevod s urdu. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 534 p.

CHARUSHIN, E. [About the large and the small] Pro bol'shikh i malen'kikh. Risunki avtora. Moskva, Gos. izd-vo detskoi lit-ry, 1953. 174 p.

CHEKHOV, A. P. [Works] Sochineniia; pod obshchei redaktsiei S. D. Balukhatogo. Moskva, Ogiz. 1944-1951. 20 v.
(OCl)

CHERKASOV, V.G. Khoziain buma. Rostov-na-Donu, Rostovskoe kn-oe izd-vo, 1955. 58 p. illus.
(CU)

CHERNYSHEVSKII, N.G. [Aleksandr Sergeevich Pushkin; his life and works] Aleksandr Sergeevich Pushkin; ego zhizn' i sochineniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 45 p.

[A CHESTOMATHY OF KAZAKH LITERATURE; for class 9 of the secondary schools] Kazak ədebieti; orta mekteptiń 9-klasyna arnalğan khrestomatiia. Ekinshi bólim. Kúrastyrgan Ə. Shěripov. Segizinshi basyluy. Almaty, Kazaktyń memlekettik oku-pedagogika baspasy, 1955. 293 p. [In Kazakh.]
[MICROFILM]

CHO KI-CH'ON. [Selections. Translated from the Korean] Izbrannoe. Perevod s koreiskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 117 p.

COOPER, JAMES FENIMORE. [Pathfinder. Translated from the English]. Sledopyt. Perevod s angliiskogo pod red. T. Gritsa. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1955. 374 p.
(OCl)

DAUDET, ALPHONSE. [Selected works] Izbrannoe. Perevod s frantsuzskogo. Moskva, Moskovskii rabochii, 1955. 581 p.
(OCl)

DAUDET, ALPHONSE. [Tartarin of Tarascon. Translated from the French] Tartaren iz Taraskona. Perevod s frantsuzskogo N. Nikitina. Moskva, Gos. izd-vo khudozh. lit-ry, 1955. 79 p.
OCl

DEFOE, DANIEL. [The life and surprising adventures of Robinson Crusoe of York, mariner] Zhizn' i udivitel'nye prikliuchenita Robinzona Kruzo, moriaka iz Iorka... [Perevod s angliiskogo M.A.Shishmarevoi, poslesiovie E.B.Kornilovoi. Illiustratsii Zhana Granvilia] Moskva, [Gos. izd-vo detskoi lit-ry] 1955. 413 p. (Biblioteka prikliuchenii, 1)
(In U)

DERATANI, N. F. [History of Roman literature] Istoriia rimskoi literatury. [Moskva] Izd-vo Moskovskogo univ., 1954. 541 p.
(NN)

DESNIAK, OLEKSA. [Works] Tvory. [Vstup. stattia, upo- riadkovannia ta prymitky O. Kylymnika]. Kyiv, Derzhlitvydav, 1955. 1 v.
(NN)

DOM DETSKOI KNIGI, Moscow. [V. G. Belinskii, N. G. Chernyshevskii, and N. A. Dobrolliubov on children's literature] V. G. Belinskii, N. G. Chernyshevskii, N. A. Dobrolliubov o detskoi literature. [Sost. sbornika S. Shillegodskii] Moskva, Detgiz, 1954. 299 p.
(NN)

DOMANOVIC, RADOJE. [Tales and stories. Translated from the Serbo-Croatian] Povesti i rasskazy. [Perevod s serbo-khorvatskogo.] Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 408 p.

DOSTOEVSKII, F. M. [The brothers Karamazov; a novel in four parts with an epilogue] Brat'ia Karamazovy; roman v chetyrekh chastiakh s epilogom. Paris [YMCA Press] 1954. 2 v.
(OCl)

DOSTOEVSKII, F.M. [The idiot; a novel in four parts] Idiot; roman v chetyrekh chiastiakh. [Podgotovka teksta L. B. Svetlova. Vstup. stat'ia G. M. Fridlendera] Moskva, Gos. izd-vo khudozh. lit-ry, 1955. 660 p.
(RPB)

DOSTOEVSKII, F.M. [Netochka Nezvanova; a novel] Netochka Nezvanova; [roman] Moskva, Gos. izd-vo "Khudozhestvennaia Literatura," 1955. 163 p. (Massovaia serila)
(RPB)

DREMOV, I. A. [Spring light; verse] Vesennii svet; stikhi. Moskva, Sovetskii pisatel', 1956. 101 p.
(MH)

EREM, T. [Hardworking people] Robotiahy. New York, M.Korniiv, 1955. 131 p.
(OCl)

FIL'HELENES. [For the Fatherland; two historical tales] Za vitchynu; dva istorychni opovidania. Vyd. 2-he. New York, Vyd-vo "Hoverlia," 1957. 46 p. (Ditocha biblioteka, 8)

FLAUBERT, GUSTAVE. [Collected works; in five volumes] Sobranie sochinenii; v piati tomakh. Moskva, "Pravda." (Biblioteka "Ogonek")
Vol. 3. 1956. 385 p.

FLAUBERT, GUSTAVE. [Collected works; in five volumes] Sobranie sochinenii; v piati tomakh. Moskva, Izd-vo "Pravda." (Biblioteka "Ogonek")
Vol. 4. 1956.
Vol. 5. 1956.
(OCl)

FONVIZIN, D.I. [The Brigadier-General. The Minor] Brigadir. Nedorosl'. Moskva, Gos. izd-vo khudozh. lit-ry, 1954. 118 p.

FORSH, OL'GA. [Works; in four volumes] Sochineniia; v chetyrekh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 4. [Stories, sketches, tales and plays] Rasskazy, ocherki, skazki, p"esy. 1956. 760 p.

FRANCE, ANATOLE. [The crime of Sylvester Bonnard. Translated from the French] Prestuplenie Sil'vestra Bonara. [Perevod s frantsuzskogo E. F. Korsha.] Moskva, Gos. izd-vo khudozh lit-ry, 1955. 164 p.
(OCl)

FRANKO, IVAN. [Among good people; stories. Translated from the Ukrainian] Sredi dobrykh liudei; rasskazy. Perevod s ukrainskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 181 p.

FRANKO, IVAN. [Stolen happiness; a play of village life in five acts. Translated from the Ukrainian] Ukradennoe schast'e; drama iz derevenskoi zhizni v piati deistviiakh. [Perevod s ukrainskogo A. Deicha.] Moskva, Gos. izd-vo "Iskusstvo," 1956. 90 p.

FUCIK, JULIUS. [Selected works. Translated from the Czech] Izbrannoe. [Perevod s cheshskogo] Moskva, Izd-vo "Pravda," 1956. 751 p.

GAIDAR, A.P. [Works] Sochineniia [Risunki A.Ermolaeva] Moskva, Gos. izd-vo detskoi lit-ry Ministerstva prosveshcheniia RSFSR, 1954. 709 p.
(RPB)

GERASIMOVA, VALERIIA. [Baidar gate; tales and stories] Baidarskie vorota; povesti i rasskazy. Moskva, Sovetskii pisatel', 1956. 272 p.

GNEZDILOV, M. F. [Practical grammatical exercises for lower grades in auxiliary schools; teacher's manual] Prakticheskie grammaticheskie uprazhneniia v mladshikh klassakh vspomogatel'noi shkoly; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 107 p.

GOGEBASHVILI, IAKOV. [Works] Sochineniia. Tbilisi, Izd-vo Nauchno-issledovatel'skogo instituta pedagog. nauk Ministerstva prosveshcheniia Gruzinskoi SSR. [In Georgian.]
Vol. 1. 1955. 510 p.
Vol. 2. 1954. 488 p.
Vol. 3. 1954. 509 p.
Vol. 4. 1955. 578 p.

GOGOL', N. V. [Taras Bulba] Taras Bul'ba. Moskva, Gos. izd-vo detskoi lit-ry, 1952. 156 p. (Gogolevskaia bibliotechka)
(OO)

GOL'DSHTEIN, V.E., and E.D.ZOLOTAREVA. [Publicizing Soviet poetry in the village club] Propaganda sovetskoi poezii v sel'skom klube. Moskva, Gos. izd-vo kul'turno-prosvetit.lit-ry, 1956. 110 p. (Biblioteka sel'skogo klubnogo rabotnika)

GOLUBEV, N.T. [The expensive present; a play in one act] Dorogoi podarok; p'esa v odnom deistvii. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 30 p. (Biblioteka "Khudozhestvennaia samodeiatel'nost", no. 25)

GORBUNOV, A. M. [Bernard Shaw, 1856-1950; a reader's manual] Bernard Shou, 1856-1950; pamiatka chitatelia. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 49 p.

GORDIN, A. [The Pushkin preserve] Pushkinskii zapovednik. Moskva, Gos. izd-vo "Iskusstvo," 1956. 236 p., illus.

[GOR'KII AND THE PROBLEMS OF SOVIET LITERATURE; a collection of articles] Gor'kii i voprosy sovetskoi literatury; sbornik statei. Leningrad, Sovetskii pisatel', 1956. 482 p.

GVARDZHALADZE, T. S., and I. S. GVARDZHALADZE, comps. English-Georgian dictionary. [Tbilisi, Gosizdat Gruzinskoi SSR, 1952. 740 p.]

GVARDZHALADZE, T.S., and I.S.GVARDZHALADZE, comps. English-Georgian dictionary, 2nd ed. (40000 words). Tbilisi, State Publ. House, 1955. 450 p.

HALAN, IAROSLAV. [Plays; The boat is rolling ("99%"), "Roar, Maritsa!", Love at dawn] P'esy; Lodka kachaetsia ("99%"), Shumi, Maritsa!, Liubov' na rassvete. Moskva, Gos. izd-vo "Iskusstvo," 1956. 350 p.

[HETMAN PETRO SAHAIDACHNYI; a historical tale] Hot'man Petro Sahaidachnyi; istorychne opovidannia. Z povisti D. Mordovtsia, z dodatkamy i odnimamy, pererobyla M. Zahirnia. Vyd. 4-e. New York, Vyd-vo "Hoverlia," 1957. 128 p.

HIKMET, NAZIM. [Selected verse] Izbrannye stikhi. Perevod s turetskogo. Moskva, Pravda, 1956. 47 p. (Biblioteka "Ogonek," no. 40)
(CU)

IL'F, I. A., and E. P. PETROV. [Twelve chairs. The little golden calf] Dvenadtsat' stul'ev. Zolotoi telenok. Moskva, Goslitizdat, 1956. 604 p.
(NN)

ISAAKIAN, AVETIK. [Selected works; in two volumes. Translated from the Armenian] Izbrannye sochineniia; v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry. [Perevod s armianskogo.]
Vol. 2. Proza. 1956. 215 p.

[IVAN IAKOVYCH FRANKO; his life and work in portraits, illustrations and documents, on the centenary of his birth] Ivan IAkovych Franko; zhyttia i tvorchist' v portretakh, illiustratsiiakh, dokumentakh. Do 100-littia z dnia narodzhennia. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkoln," 1956. 295 p.

IVASHIN, V. V. [M. Gor'kii and White Russian literature at the beginning of the 20th century] M. Gor'kii i belorusskaia literatura nachala XX veka. Minsk, Izd-vo Akademii nauk BSSR, 1956. 197 p.

KALIDASA. Sakuntala. [Translated from the Sanskrit.] Perevod K. Bal'monta. Moskva, Goslitizdat, 1955. 1 v.
(MH)

KANAEV, N., G. EFREMOV, and G. TIKHONOV. [Against distortions in the history of Yakut literature] Protiv izvrashchenii istorii iakutskoi literatury. IAkutsk, IAkutskoe kn-vo, 1953. 104 p.

KARSKII, E. F. [White Russians; the language of the White Russian people] Belorusy; iazyk belorusskogo naroda. Moskva, Izd-vo Akademii nauk SSSR, 1956. 2 v. in 1 (517 p.)
Pt. 2. [Historical sketch of word formation and word changes in the White Russian language] Istoricheskii ocherk slovoobrazovaniia i slovoizmeneniia v belorusskom iazyke.
Pt. 3. [Study of the syntax of the White Russian language] Ocherki sintaksisa belorusskogo iazyka.

KAZAKEVICH, E. G. [The heart of a friend; a tale] Serdtse druga; povest'. Moskva, Sovetskii pisatel', 1956. 223 p.

KENESBAEV, S., and others. Ēlippe. 4 bas. Almaty, Kazaktyn memlekettik oky-pedag. baspasy, 1955. 99 p. [In Kazakh.]

KLDIASHVILI, S. D. [The old home; stories. Translated from the Georgian] Pepelishche; rasskazy. Perevod s gruzinskogo. Tbilisi, Izd-vo "Zaria Vostoka," 1956. 297 p.

KOBZEV, I. I. [My acquaintances; verse] Moi znakomye; stikhi. Moskva, Sovetskii pisatel', 1956. 111 p.
(MH)

KONSTANTIN KONSTANTINOVICH, grand duke of Russia. [Pearls of poetry] Zhemchuzhnye poezii. Pod red. so vstup. statei i biogr. ocherkom N.N. Sergievskogo. San Paulo, Russian Book in America, 1955. 44 p. (Publ. under his pseud. K. R. (i. e. Konstantin Romanov).]
(CLU)

KORNIICHUK, OLEKSANDR. [Wings; a play in four acts, five scenes] Kryl'ia; p'esa v chetyrekh deistviiakh, piati kartinakh. Moskva, Gos. izd-vo "Iskusstvo," 1956. 103 p.

KORNIICHUK, OLEKSANDR. [Works; in three volumes] Sochineniia; v trekh tomakh. Perevod s ukrainskogo. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. 1956. 332 p.
Vol. 2. 1956. 269 p.
Vol. 3. 1956. 353 p.

KOVALENKOV, ALEKSANDR. [New springs; stories in verse] Novye kliuchi; rasskazy v stikhakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 60 p.

KRACHKOVSKII, I. IU. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 3. 1956. 470 p.

KRASNYKH, I.N. [The Russian language; a manual for the sixth class in schools for the deaf and dumb] Russkii iazyk; uchebnik dlia shestogo klassa shkol glukhonemykh. Izd. 4-e, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 207 p.

KROPYVNYTS'KYI, M.L. [After the inspection; a one-act play] Po revizii; etiud. v 1 dii. Kyiv, Mystetstvo, 1955. 31 p.
(MH)

KRYLOV, I. A. [Works] Sochineniia. Moskva, Ogiz.
Vol. 1. 1945.
Vol. 2. 1946.
(OCI)

KUCHIN, N.D. [The teaching of foreign languages in institutions of higher learning] O prepodavanii inostrannogo iazyka v vysshikh uchebnykh zavedeniiakh. Moskva, Gos. izd-vo "Sovetskaia nauka," 1955. 58 p.

KURDYDYK, IAROSLAV. [Two machine guns; from a soldier's notebook] Dva kulomety; z voiats'koho bl'oknotu. New York, UPA, 1954. 83 p.
(OCI)

LEBEDEV, A. A. [Selected verse] Izbrannye stikhi. Leningrad, Sovetskii pisatel', 1956. 181 p.
(MH)

[A LITERARY CHRESTOMATHY FOR CLASS 9] Khrestomatiia po literature dlia IX klassa. Erevan, Armianskoe gos. izd-vo, 1955. 283 p. [In Armenian.]
(InU)

[LITERARY HERITAGE] Literaturnoe nasledstvo. Red. V.V.Vinogradov i dr. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 60, pt. 2. [The Decembrists as men of letters] Dekabristy-literatory.
Book 1. 1956. 670 p.
Book 2. 1956. 459 p.

LOTOTS'KYI, ANTIN. [Wilhelm Tell; a historical tale] Vil'hol'm Tel'; na osnovi istorychnoho pereknzu. Illustratsii Ul'rikha Baura. Vyd. 2-he. New York, Vyd-vo "Hoverlia," 1957. 52 p. (Ditocha biblioteka, 7)

LVOV. DERZHAVNYI LITERATURNO-MEMORIAL'NYI MUZEI IVANA FRANKA. [Ivan Franko Museum in Lvov; a guidebook] Derzhavnyi literaturno-memorial'nyi muzei Ivana Franka u L'vovi; putivnyk. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1956. 73 p.

MAKSIMOV, M. D. [Ten years later; verse] Desiat' let spustia; stikhi. Moskva, Sovetskii pisatel', 1956. 169 p.
(MH)

MALAKSHINOV, P. I. [Studying the Russian simple sentence in Buryat-Mongolian schools (class 7)] Izuchenie russkogo prostogo predlozhenila v buriat-mongol'skoi shkole (VII klass). Pod red. E. I. Korenevskogo. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 131 p. (Pedagogicheskaia biblioteka uchitelia)

MALAKSHINOV, P.I. [The teacher; a novel] Bagsha; roman. Ulan-Ude, Buriat-mongolol nomol kheblel, 1954. 231 p. [In Buryat]

MALYSHEV, V. I. [Tale of Sukhan; a history of the Russian tale of the seventeenth century] Povest' o Sukhane; iz istorii russkoi povesti XVII veka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 223 p.

MALYTS'KA, KONSTANTYNA. [Leila's harp; legends of Christ] Harfa Leili; legendy pro Khrysta. Toronto, Evshan Zillia, 1953. 34 p.
(OCI)

MAMIN, D.N. [Collected works; in eight volumes] Sobranie sochinenii; v vos'mi tomakh. Moskva, Gos. izd-vo khudozh. lit-ry. [Publ. under his pseud. Mamin-Sibiriak.]
Vol. 8. [Stories, sketches, legends, travel notes, articles, recollections, selected letters, 1870-1912] Rasskazy, ocherki, legendy, putevye zametki, stat'i, vospominanila, izbrannye pis'ma, 1870-1912. 1955. 750 p.

MANUKIAN, S. [Reflections of the friendship of peoples in Soviet Armenian literature] Otrazhenie druzhby narodov v armianskoi sovetskoi literature. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 141 p.

MARCHENKO, PETRO. [Fragrance of a flower; (the spiral)] Aroma kvitu; (spiral'). Niu Iork, Nakladom avtora, Vyd. Ukrains'ka hromada im. M.Shapovala, 1956. 25 p. (Biblioteka "Ukrains'koho hromads'koho slova," no. 5)

MASANOV, I. F. [Dictionary of pseudonyms of Russian writers, scholars and public figures; in four volumes] Slovar' psevdonimov russkikh pisatelei, uchenykh i obshchestvennykh deiatelei; v chetyrekh tomakh. Podgotovil k pechati IU. I. Masanov, Red. B. P. Koz'min. Moskva, Izd-vo Vses. knizhnoi palaty.
Vol. 1. [Alphabetical catalog of pseudonyms. Pseudonyms in the Russian alphabet, A-I] Alfavitnyi ukazatel' psevdonimov. Psevdonimy russkogo alfavita A-I. 1956. 440 p.

MEL'NIKOV, P.I. [On the hills; a sequel to "In the woods"] Na gorakh; prodolzhenie rasskazov "V lesakh." V dvukh knigakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. 1956. 642 p.
Vol. 2. 1956. 526 p.

MIASNIKOV, A. S. [The study of Russian literature of the 18th-20th centuries in the U. S. S. R. during the past ten years] Izuchenie russkoi literatury XVIII-XX vv. v SSSR za poslednie desiat' let. Moskva, Izd-vo Akademii nauk SSSR, 1956. 56 p.
(MH)

MIKHAILOVSKII, N.G. [Tallin diary] Tallinskii dnevnik. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 104 p.

MINKOV, SVETOSLAV. [Straw sergeant; stories and sketches. Authorized translation from the Bulgarian] Solomennyi fel'dfebel'; rasskazy, pamflety; fel'etony. Avtorizovannyi perevod s bolgarskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 188 p.

MIRZOEV, A., ed. Khrestomatiiai adabiet; baroi sinfi IX maktabkhoi miana. Stalinobod, Nashrieti Davlati Tochikiston, 1955. 348 p. [In Tajik.]
(InU)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Friedrich Wolf; a bio-bibliographical index] Fridrikh Vol'f; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1956. 22 p. (Pisateli zarubezhnykh stran)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Gerhart Hauptmann; a bio-bibliography on the 10th anniversary of his death] Gerkhart Gauptman; bio-bibliograficheskii ukazatel' k 10-letiiu so dnia smerti. Moskva, Izd-vo Vses. knizhnoi palaty, 1956. 29 p. (Pisateli zarubezhnykh stran)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Thomas Mann; a bio-bibliography] Tomas Mann; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1956. 86 p. (Pisateli zarubezhnykh stran)

MUDARRIS, SHARAF. Kolke tugel; satirik khikoialer, pamfletlar, shigyr'lör. Kazan, Tatknigoizdat, 1954. 153 p. [In Tatar.]
(NNC)

MURATOVA, K. D. [Seminar on Gor'kii] Seminarii po Gor'komu. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 275 p.

MUSTAFIN, GABIDEN. [Shiganak Borslov; a tale. Translated from the Kazakh] Shiganak Borslov; povest'. Perevod s kazakhskogo. Moskva, Sovetskii pisatel', 1956. 202 p.

NARIN'IANI, S.D. [Assortment of chocolates; satirical sketches] Shokoladnyi nabor; fel'etony. Moskva, Izd-vo "Pravda," 1956. 46 p. (Biblioteka "Oboneк," no. 46)

NASEDKIN, F.I. [Test of feelings; a novel] Iapytanie chuvstv; roman. Moskva, Sovetskii pisatel', 1956. 375 p.
(MH)

NAVOI, ALISHER. [Farkhad and Shirin. Translated from the Uzbek] Farkhad i Shirin. Perevod s uzbekskogo L'va Pen'kovskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 406 p.

NEBORIACHOK, F. M. [Maksym Ryl's'kyi; a literary and critical sketch] Maksym Ryl'skyi; literaturno-krytychnyi narys. [L'viv] Vyd-vo L'vivs'koho derzh. univ., 1955. 59 p.
(MH)

NEVEROFF, E. ed. [Russian poets] Russkie poety. Los poetes russes (morceaux choisis)... Bruxelles, Imprimerie E. Geleznikoff, 1945. 94 p.

NIKOLAEV, A. M. [On the road; verses] V doroge; stikhi. Moskva, Sovetskii pisatel', 1956. 118 p.
(MH)

NOSOV, N. [Adventures of Neznaika and his friends; a fairy tale] Prikliuchenila Neznaiki i ego druzei; skazka Risunki A. Lapteva. Moskva, Detgiz, 1956. 166 p. (Shkol'naia biblioteka)
(NN)

NOVIKOV-PRIBOI, A. S. [Submariners; a tale] Podvodniki; povest'. Kyiv, Derzh. byd-vo khudozh. lit-ry, 1955. 90 p.

OISLENDER, A. E. [A good climate; verse] Dobryi klimat; stikhi. Moskva, Sovetskii pisatel', 1956. 91 p.
(MH)

OSTROMYRA, MARIIA. [Hold the helm steadfast; a historical tale of Princess Olga] Podai kermu; istorychne opovidannia pro kniahyniu Ol'hu. Filadelfiia, "Amerykа," 1952. 111 p.
(InU)

OSTROV, DMITRII. [Different years; tale and stories] Raznye gody; povest' i rasskazy. Leningrad, Sovetskii pisatel', 1956. 166 p.

OSTROVSKII, A. N. [The woods; a comedy in five acts] Les; komediia v piati deistviiakh. Moskva, Iskusstvo, 1956. 139 p.
(MH)

OSTROVSKII, NIKOLAI. [Collected works; in three volumes] Sobranie sochinenii; v trekh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 496 p.
Vol. 3. [Letters]
Vol. 3. Pis'ma.

OVCHARENKO, MARIIA, comp. [Golden gate; a reader for Ukrainian youth] Zolоti vorota; chytanka dlia ukrains'koi molodi. Toronto, Canada, Vyd-vo oo. Basylian, 1955. 283 p.
(OCI)

PANOV, N. N. [Selected verse] Izbrannye stikhi. Moskva, Sovetskii pisatel', 1956. 205 p.
(MH)

PARFANOVYCH, SOFIIA. [Mountain valley in flames; Boiki stories] Zahorila polonyna; boikivs'ki opovidannia. Avgsburg [R.Volchuk] 1948. 87 p.
(In U)

PAVKHOMENKO, M. [Ivan Franko's dramaturgy] Dramaturgiia Ivana Franka. [L'viv] Vyd-vo L'vivs'koho univ., 1956. 127 p.

PAVICHENKO, V. I. [Kalidasa, the pride of Indic literature] Gordost' indiiskoi literatury - Kalidasa. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 22)

PETOFI, SANDOR. Goshgylar ve poemalar. [Ruschadan turkmen diline gechirenler Kerim Gurbannepesov ve Anna Mukhatov] Ashgabat, Turkmenistan dovlet neshiriaty, 1955. 171 p. [In Turkmen.]
(InU)

POLTAVA, L. [Zhuchok Shcherbachok; a narrative poem for children] Zhuchok Shcherbachok; poema dlia ditei. London, SUB, 1956. 12 p.
(OCl)

POTOTSKAIA, V. V. [Russian-French dictionary] Russko-frantsuzskii slovar'. Okolo 20000 slov. Izd. 3-e, ispr. i dop. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei, 1948. 590 p.
(OU)

POUSHKIN SOCIETY IN AMERICA. [In memory of His Imperial Highness the Grand Duke Konstantin Konstantinovich] Pamiati Ego Imperatorskogo Vysochestva Velikago Kniazia Konstantina Konstantinovicha (K. R.) N'iu-Iork, 1956. 16 p.
(MH)

PRISHVIN, M. M. [Collected works; in six volumes] Sobranie sochinenii; v shesti tomakh. Moskva, Gos. izd-vo khudozh. lit-ry. 1956. 764 p.
Vol. 3. [Nature and the hunt]
Vol. 3. Priroda i okhota.

PUSHKIN, A.S. [Ruslan and Liudmila] Ruslan i Liudmila; poema. Risunki N.Kochergina. Moskva, Gos. izd-vo detskoi lit-ry, 1954. 125 p. (Shkol'naia biblioteka)

RAKHMANOV, LEONID. [Plays and scenarios] P'esy i stsenarii. Leningrad, Sovetskii pisatel', 1958. 333 p.

RAZUMOVSKAIA, M.K. [Dictionary work for classes 5-7; a teacher's practical experience] Slovarnaia rabota v 5-7 klassakh; iz opyta raboty uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 106 p.

ROMANOVSKII, A. V. [Textbook of the Russian language for the third grade in Korean elementary schools] Uchebnik russkogo iazyka; dlia 3-go klassa koreiskikh nachal'nykh shkol. Izd. 3-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 264 p.

RUSANOV, OL'GA. [Sisters; a tale] Sestry; povest'. Risunki B. Kovalenko. Moskva, Gos. izd-vo detskoi lit-ry, 1953. 326 p.

[RUSSIAN-UKRAINIAN DICTIONARY] Russko-ukrainskii slovar'. Glav. red. M.IA.Kalinovich, chleny red-kollegii: L.A.Bulakhovskii, M.F.Ryl'skii. 80,000 slov. Izd. 2-oe, ispr. i dop. Kiev, Izd-vo Akademii nauk USSR, 1955. 804 p.
(In U)

RYLEEV, K. F. [Poems, articles, sketches, notes, letters] Stikhotvoreniia, stat'i, ocherki, dokladnye zapiski, pis'ma. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 441 p.

RYL'SKII, MAKSIM. [The poetry of Adam Mickiewicz] Poeziia Adama Mitskevicha. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 85 p.

SALEEV, NIKOLAI. [Hero of the Soviet Union Nikolai Nosulia] Geroi Sovetskogo Soiuza Nikolai Nosulia. Moskva, Voen. izd-vo, 1954. 47 p. (Geroi Velikoi Otechestvennoi voiny)
(CSH-H)

SARSENBAEV, ABU. Ana tili; bastauyah mekteptin 111 klasyna arnalgan oku kitaby. 8.bas. Almaty, Kazaktyn memlekettik oku-pedag.baspasy, 1955. 441 p. [In Kazakh.]
(InU)

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON. [Selected works] Izbrannye proizvedeniia. Moskva, Detgiz, 1955. 549 p.
(CLU)

SEMENOV, IU. I. [Farewell, rocky heights; a tale] Proshchaite, skalistye gory; povest'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 167 p.

SEMPER, I. [Red carnations; a novel. Translated from the Estonian] Krasnye gvozdiki; roman. Perevod s estonoskogo L. V. i L. P. Toom. Moskva, Sovetskii pisatel', 1956. 436 p.

SERAFIMOVICH, A. S. [The miracle, and other stories] Chudo i drugie rasskazy. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 100 p.

SERGEEV-TSENSKII, S. N. [Collected works; in ten volumes] Sobranie sochinenii; v desiati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry,
Vol. 9. [The transfiguration of Russia; an epic] Preobrazhenie Rossii; epopeia. 1956. 726 p.

SERGEEV-TSENSKII, S. N. [Selected works] Izbrannoe. Moskva, Sovetskii pisatel', 1956. 622 p.
(MH)

SHAKHOVS'KYI, SEMEN. [Ivan Franko's artistry] Maisternist' Ivana Franka. Kyiv, Radians'kyi pys'mennyk, 1956. 191 p.
(MH)

SHALAGINOV, V. K. [The judge; sketches] Sud'ia;ocherki. Izd. 2-oe, dop. [Novosibirsk] Novosibirskoe kn-vo, 1956. 227 p.

SHAMSHURIN, IURII. [Northern latitudes; stories] Severnaia shirota; rasskazy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 220 p.

SHASHKIN, ZEIN. [At the break of dawn; a tale] Nastuplio utro; povest'. Alma-Ata, Kazakhskoe Goslitizdat, 1956. 169 p.
(MH)

SHIRIAEV, P.A. [Taglioni's grandson] Vnuk Tal'oni. Moskva, Gos. izd-vo lit-ry, 1956. 178 p.

ŠHOLOKHOV, M. A. [Collected works; in seven volumes] Sobranie sochinenii; v semi tomakh. Teksty ispravleny avtorom. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia."
Vol. 4. [The quiet Don; a novel] Tikhii Don; roman. 1956. 429 p.

SIMONOV, K.M. [Comrades in arms; a novel] Tovarishchi po oruzhiiu; roman. Moskva, Voen. izd-vo Ministerstva obor.SSSR, 1954. 1 v.
(RPB)

SIMONOV, K. M. [Lyrics] Lirika. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 142 p.

SLEZKINA, OL'GA. [The pewter hand; a tale of Gutenberg] Oloviannaia ruka; povest' o Gutenberge; Moskva, Sovetskii pisatel', 1956. 226 p.

SLUTSKIS, M. G. [Storks; stories. Translated from the Russian] Busly; apavladanni. Peraklad z ruskai movy P. Halubtsovai. Minsk, Dziarzh vyd-va BSSR, 1956. 1 vol.
(MH)

SMIRNOVA, VERA. [Literature and the theater; articles] O literature i teatre; stat'i. Moskva, Sovetskii pisatel', 1956. 407 p.

SMIRNOVA, V. N. [Review of grammar and orthography with the use of visual aids in classes 5 and 6; a teacher's experience] Povtorenie grammatiki i orfografii s ispol'zovaniem naglladnosti; 5-6 klassy, iz opyta uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 151 p.

SMOLYCH, IURII. [Wonderful catastrophes; science fiction novels] Prekrasni katastrofy; naukovo-fantastychni romany. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1956. 442 p. (Biblioteka pryhod ta naukovoi fantastyky)

SOBOLEV, A. I., comp. [Proverbs and sayings] Narodnye poslovitsy i pogovorki. [Moskva] Moskovskii rabochii, 1956. 163 p.

SOLOUKHIN, VLADIMIR. [Gold mine; sketches] Zolotaia rudo; ocherki. Moskva, Sovetskii pisatel', 1956. 243 p.

[THE STAGE] Estrada. Moskva, Gos. izd-vo khudozh. prosvetit. lit-ry (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 20)
No. 3. 1956. 159 p.

STRAKHOVA, M. [Ilte; a narrative poem] Ilte, poema. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 60 p.
(RPB)

[STRONGER THAN ARMOR; tales and stories from the life of the Soviet Army and Navy] Krepche broni, povesti i rasskazy iz zhizni Sovetskoi Armii i Voenno-Morskogo flota. Moskva, Voengiz, 1955. 447 p.
(CLU)

STUDITSKII, ALEKSANDR. [Treasure of the Black Sea; Sokrovishche Chernogo Moria. Moskva, Uchpedgiz, 1956. 288 p.
no-pedagog. izd-vo Trudrezervizdat, 1956. 288 p.

SWIFT, JONATHAN. [Gulliver's travels; an old tale for children by T. Gabbe] Puteshestviia Gullivera. Povest' skazala dlia detei T. Gabbe. Moskva, Gos. izd-vo detskoi lit-ry, 1955. 150 p.

SWIFT, JONATHAN. [Travels into several remote nations of the world, by Lemuel Gulliver, first a surgeon and then a captain of several ships] Puteshestviia v neskol'ko kotorye otdalennye strany sveta Lemiuelia Gulliveta, snachala khirurga, a potom kapitana neskol'kikh korabletei. [Perevod s angliiskogo i red. B. M. Engel'gardta] Moskva, Detgiz. 1955. 431 p. (Biblioteka priklichenii, 2)
(NN)

SYDORENKO, H. K. [Ivan Franko's literary critical sketch of literary history] Literaturno-krytychna maisternist' Ivana Franka; istoryko-literaturnyi narys. [Perevod] Vyd-vo Kyivs'koho derzh. univ. im. T. H. Shevchenka, 1956. 74 p.

SYTIN, V. A. [Guardians of new storms; science fiction] Pokroviteli novykh bur'; nauchno-fantasticheskaia povest'. Moskva, Detgiz, 1955. 123 p.
(NN)

TAVZISHVILI, G. IA. [IAkov Gogobashvili; a monograph] IAkov Gogobashvili; monografiia. Tbilisi, Ministerstvo prosvoshchenila GSSR, 1953. 247 p. [In Georgian]

TIURINA, K. F. [Russian language lesson plans for the fourth grade of the elementary school] Pourochnye razrabotki po russkomu iazyku; dlia IV klassa nachal'noi shkoly. Izd.2-oe, dop. i perer. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 139 p.

TOLSTOI, A. N. [Engineer Garin's hyperboloid. Aelita] Giperboloid inzhenera Garina. Aelita. Moskva, Gos. izd-vo detskoi lit-ry] 1956. 445 p. (Biblioteka priklichenii, 4)
(InU)

TOROKHOV, BORIS. [The paper deluge; a satirical comedy in one act] Bumazhnyi potop; satiricheskaia komediia v odnom deistvii. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 31 p. (Biblioteshka "Khudozhestvennaia samodeiatel'nost'," no. 37)

TRIFONOV, IURII. [Students; a novel] Studenty; roman. Moskva, Moskovskii rabochii, 1956. 417 p.

TUDOR, STEPAN. [Father Soika's day; a tale] Den' batka Soiky; povist'. Kyiv, Derzhlitvydav, 1956. 388 p.
(MH)

TURGENEV, I. S. [Smoke; a novel] Dym; roman. M. Gos. lit-izdat, 1956. 176 p.
(MH)

TVARDOVSKII, A.T. [Far, far away (1955-1956) Za dal'-dal' (1955-1956). Moskva, Izd-vo "Pravda," 1956. 29 p. (Biblioteka "Ogonek," no. 44)

[TWO OLD FRENCH TALES. Translated from the French] Dve starofrantsuzskie povesti. Perevod so starofrantsuzskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 93 p.

[UKRAINIAN FOLK TALES] Ukrains'ki narodni kazky. New York, Vyd-vo "Hoverlia," 1957. 16 p.

[UKRAINIAN FOLK TALES] Ukrains'ki narodni kazky. Zi zbirnyka L.Rudchenka. Vyd. 2-e. New York, Vyd-vo "Hoverlia," 1957. 123 p.

[UKRAINIAN FOLK TALES] Ukrains'ki perekazy. Zibrav M. V. [N'iu-Iork, Vyd. Shkil'noi Rady UKKA, n.d.] 32 p.
(CaOTU)

UL'IANINSKII, A. [Serfs (Toward freedom!); a play based on N. Leskov's story "Toupee artist"] Krepostnye (Na volu!); p'esa po motivam rasskaza N. Leskova "Tupeinyi khudozhnik." Moskva, Gos. izd-vo "Iskusstvo," 1955. 77 p.

USENBAEV, ALYMKUL. [My land. Translated from the Kirghiz] Moia zemlia. Perevod s kirgizskogo V. Derzhavina. Moskva, Goslitizdat, 1954. 48 p.
(CLU)

VAKHOV, ANATOLII. [Captain Ligov's tragedy; a novel] Tragediia Kapitana Ligova; roman. Magadan, Obl. kn-vo, 1955. 404 p.

VASILENKO, I. D. [Selections; tales and stories] Izbrannoe; povesti i rasskazy. Moskva, Sovetskii pisatel', 1956. 484 p.
(CLU)

VEGA, MARIA. [Lilith; a third book of verse] Lilit; tret'ia kniga stikhov. Parizh, 1955. 48 p.
(MH)

VERSHININ, A. [Swimming against the current; a tale] Plavaiushchie protiv techenila; povest'. Risunki R. Gershanika. Moskva, Gos. izd-vo detskoi lit-ry, 1954. 213 p.

VIGDOROVA, F.A. [The road to life; a tale] Doroga v zhizn'; povest'. Risunki N.Kality. Moskva, Gos. izd-vo detskoi lit-ry, 1954. 453 p.

VOVCHOK, MARKO. [Halia and her nine brothers; a tale for womenfolk] Deviat' brativ i desiata sestrytsia Halia; opovidannia dlia zhinotstva. New York, Vyd-vo "Hoverlia," 1956. 61 p.

VSESOIUZNYI S"EZD SOVETSKIKH PISATELEI, 2d, Moscow, 1954. [Second All-Union Congress of Soviet Writers, December 15-26, 1954; stenographic report. Vtoroi Vsesoiuznyi s"ezd sovetskikh pisatelei, 15-26 dekabria 1954 goda; stenograficheskii otchet. Moskva, Sovetskii pisatel', 1956. 604 p.

VUIKO VLODKO. [Adventures of IUrchik Kucheriavyi] Pryhody IUrchyka Kucheriavoho. New York, Vyd-vo "Hoverlia," 1957. 80 p. (Ditocha biblioteka, 31)

[YUGOSLAV FOLKSONGS. Translated from the Serbian Croatian, Slovenian and Macedonian] IUgoslavskie narodnye pesni. [Perevod s serbo-khorvatskogo, slovenskogo i makedonskogo iazykov P. Erastova.] Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 186 p.

ZAKRUTKIN, VITALII. [The creation of the world; a novel] Sotvorenie mira; roman. Moskva, Sovetskii pisatel'.
Vol. 1. 1956. 756 p.

## 12. GEOGRAPHY & GEOLOGY

[ABRAMTSEVO; a collection of postcards] Abramtsevo; komplekt otkrytok. [Moskva, Izogiz, 1956] [4] p., 12 post cards (in portfolio)

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. [Principal results of geological research in the Karaganda Basin during the last 25 years] Osnovnye itogi geologicheskogo izucheniia Karagandinskogo basseina za 25 let. Pod red. i s predisl. K.I.Stapaeva. Alma-Ata, 1956. 123 p.

AKADEMIIA NAUK SSSR. Institut merzlotovedeniia. [Material on principles of knowledge about the frozen zones of the earth's crust] Materialy k osnovam ucheniia o merzlykh zonakh zemnoi kory. Moskva.
No. 1. Shvetsov, P.F. [Introduction to principles of geocryology] Vvodnye glavy k osnovam geokriologii. 1955. 110 p.

AKADEMIIA NAUK SSSR. Otdelenie geologo-geograficheskikh nauk. [Problems in the geology of agronomic minerals] Voprosy geologii agronomicheskikh rud. Moskva, 1956. 239 p.

AZHGIREI, G.D. [Structural geology] Strukturnaia geologiia. [Moskva] Izd-vo Moskovskogo univ., 1956. 492 p.

BEKNAZAR-IUZBASHIEV, B.G. [Land of the White and Blue Nile; Sudan sketches] Strana Belogo i Goluboge Nila; ocherki o respublike Sudan. Moskva, Gos. izd-vo polit. lit-ry, 1956. 77 p.

BOCHKAREV, P.S. [Afganistan; a geographical sketch] Afganistan; geograficheskii ocherk. Izd. 2-oe. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 39 p. (U karty mira)

CHERNOVSKAIA, E.N. [Hydrological and hydrochemical characteristics of the littoral zone of the eastern Murman Coast and the White Sea] Gidrologicheskie i gidrokhimicheskie uslovila na litorali Vostochnogo Murmana i Belogo moria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 113 p.

DESHPANDE, S.D. [Western India; a regional geography. Abridged translation from the English] Zapadnaia Indiia; geograficheskii obzor. Sokrashchennyi perevod s angliiskogo A.A. Velizheva i G.V. Gospodinova. Pod red. M.K. Fedorenko. Moskva, Izd-vo inostrannoi lit-ry, 1956. 201 p.

EGOROV, N.I. [Plans and maps; a manual for geography teachers] Plan i karta; posobie dlia uchitelei geografii. Izd. 3-e, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 142 p. maps (in folder)

GARFIAS, V.R., and T.C.CHAPIN. [Geology of Mexico. Translated from the Spanish] Geologiia Meksiki. Perevod s ispanskogo IA.M.Sveta. Pod red. F.M.Malinovskogo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 149 p.

GRIBACHEV, N.M. [Seven in America; notes of the correspondent of the "Literaturnaia Gazeta" on a trip to the U.S.A. made by a group of Soviet journalists in October and November, 1955] Semero v Amerike; zapiski korrespondenta "Literaturnoi gazety" o poezdke v SShA gruppy sovetskikh zhurnalistov v oktiabre-noiabre 1956 g. Moskva, Sovetskii pisatel', 1955. 176 p.

GRIGOR'EV, A.A. [The subarctic; an attempted characterization of the basic types of geographical environments] Subarktika; opyt kharakteristiki osnovnykh tipov geograficheskoi srody. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 222 p.

INGLEZI, R.M., and Z.I. FRADKINA. [Through Soviet eyes; travel notes on foreign countries. A recommended reading list] Glazami sovetskikh liudei; putevye zapiski o zarubezhnykh stranakh, rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 53 p.

[KAMA; a guidebook] Kama; putevoditel'. Molotov, Molotovskoe kn-vo, 1956. 369 p.
(DS)

KASSIS, V.B. [Eighty days in Tibet] Vosem'desiat dnei v Tibete. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 91 p.

KOROTEEV, V.I. [Czechoslovakia diary] Chekhoslovatskii dnevnik. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 191 p.

KRAMINOV, D.F. [Through India; travel notes and sketches] Po Indii; putevye ocherki i zarisovki. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 230 p.

LUKASHEV, K.I. [Principal genetic types of Quaternary deposits of the U.S.S.R.] Osnovnye geneticheskie tipy chetvertichnykh otlozhenii SSSR. Minsk, Izd-vo Belorusskogo gos. univ. im. V.I. Lenina, 1956. 256 p.

LUKNITSKII, P.N. [Travels in the Pamirs] Puteshestvie po Pamiru. Moskva, Molodaia gvardiia, 1956. 501 p.
(NN)

MOSCOW, GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. [The Antarctic] Antarktika. Leningrad, Gidrometeorologicheskoe izd-vo.
Pt. 2. Makarov, IU.V. [Principal features of the hydrology of Antarctic waters] Osnovnye cherty gidrologicheskogo rezhima Antarkticheskikh vod. 1956. 103 p.

[THE MOSCOW KREMLIN; postcards] Moskovskii Kreml'; komplekt otkrytok. [Moskva] Izogiz, 1956. 16 post cards (in portfolio)

NIKOLAEV, N.L. [Mine geology of coal deposits] Shakhtnaia geologiia ugol'nykh mestorozhdenii. Moskva, Ugletekhizdat, 1956. 170 p.

OKHUNOV, M. [The Pamirs; a sketch of their physical geography] Pomir; ocherki geografiiai fizikavI. Stalinobod, Nashrioti Akademiai fankhoi RSS Toĉhikiston, 1954. 18 p. (Kitobkhoi timI-ommavI, barorishi XX) [In Tajik.]

OSIPOV, V. [When the jungles were empty; sketches of Vietnam] Kogda opusteli dzhungli; v'etnamskie ocherki. Moskva, Izd-vo "Izvestila," 1956. 110 p.

POLTORATS'KYI, Ol. [Yugoslavia with my own eyes; a tourist's notebook] IUhoslavilia na vlasni ochi; notatky turysta. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1956. 78 p.

SEMENTOVSKII, V.N., and I.I. FEDENKO. [Moscow-Astrakhan; a guidebook] Moskva-Astrakhan'; putevoditel'. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 172 p.

SHCHERBAKOV, D.I. [By plane over the Arctic] Na samolete po Arktike. Leningrad, Gos. izd-vo detskoi lit-ry Ministerstva prosveshchenila RSFSR, 1956. 144 p.

SHCHERBAKOV, D.I. [Why scientists are exploring the Antarctic] Dlia chego uchenye issledulut Antarktiku. [Moskva] Moskovskii rabochii, 1956. 55 p.

SVET, IA.M. [Ferdinand Magellan] Fernando Magellan. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 37 p. (Zamechatel'nye geografy i puteshestvenniki)

UKAZATEL' K KRATKOMU PUTEVODITELIU PO GORODU LENINGRADU. Explanatory index to a short guide to Leningrad. [Leningrad] Lenizdat, 1956. 34 p. [Parallel texts in Russian and English.]

VIAZOVIKOV, M.I. [The V.I.Lenin Volga-Don Canal; a guidebook] Volgo-Donskoi sudokhodnyi kanal imeni V.I.Lenina; putovoditel', izd. 2-oe. [Stalingrad] Stalingradskoe kn-vo, 1956. 79 p.

[VIEWS OF THE CRIMEA] Vidy Kryma. [Leningrad, Izogiz, 1956] 12 post cards (in portfolio)

VOITKEVICH, G.V. [Radiogeology and its significance in learning the history of the earth] Radiogeologiia i ee znachenie v poznanii istorii Zemli. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 110 p.

VOROB'EV, EVGENII. [Polish encounter; travel sketches] Pol'skie vstrechi; putevye ocherki. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 174 p. (Biblioteka soldata i matrosa)

VOSKANIAN, A.M. [The role of geographical environment in the development of society] O roli geograficheskoi srody v razvitii obshchestva. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 202 p.

[WITH CHINESE FRIENDS] U kitaiskikh druzei. [Moskva] Izd-vo "Pravda," 1956. 405 p.

ZENKOVICH, V.P. [The bottom of the sea] Morskoe dno. Moskva, Gos. izd-vo tekhniko-teorot. lit-ry, 1956. 54 p. (Nauchno-populiarnaia biblioteka, no. 86)

## 13. SCIENCE

AKADEMIIA NAUK SSSR. [General meeting of the Academy of Sciences of the U.S.S.R., October 14-17, 1944; in honor of the President of the Academy, Academician V.L. Komarov, in connection with his 76th birthday and the 50th anniversary of his scientific activity] Obshchee sobranie Akademii nauk SSSR, 14-17 oktiabria 1944 goda; posviashchennoe chestvovaniiu prezidenta Akademii nauk SSSR akademika V.L. Komarova, v sviazi s 76-letiem so dnia rozhdeniia i 50-letiem nauchnoi deiatel'nosti. Moskva, 1945. 200 p.

AKADEMIIA NAUK SSSR. Botanicheskii institut. [The nature and feeding properties of liman vegetation of the Volga-Ural interfluve] Priroda i kormovye osobennosti rastitel'nosti limanov Volgo-Ural'skogo mezhdurech'ia. Moskva, 1956. 634 p.

A 13

AKADEMIIA NAUK SSSR. Institut geokhimii i analiticheskoi khimii. [Modern methods of analyzing rare elements; papers at the First Interdepartmental Conference on Geology, Mineralogy, and the Geochemistry of Rare Elements, April 10-18, 1956] Sovremennye metody analiza redkikh elementov; materialy k Pervomu mezhduvedomstvennomu soveshchaniiu po geologii, mineralogii i geokhimii redkikh elementov, 10-18 aprelia 1956 goda. Moskva, 1956. 67 p.

AKADEMIIA NAUK SSSR. Otdelenie khimicheskikh nauk. [Electrokinetic characteristics of capillary systems; a monographic collection of experimental studies] Elektrokineticheskie svoistva kapilliarnykh sistem; monograficheskii sbornik eksperimental'nykh issledovanii. Vyp. pod rukovodstvom I.I.Zhukova ego uchenikami. Moskva, 1956. 352 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [Problems in inproving the students' knowledge of mathematics] Voprosy povysheniia kachestva znanii uchashchikhsia po matematike. Pod red. A.D. Semushina. Moskva, 1955. 161 p. (Pedagogicheskaia biblioteka uchitelia)

ANDREEV, P.P. [A course in elementary geometry for technical schools] Kurs elementarnoi geometrii dlia tekhnikumov. Izd. 3-e. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 240 p.

ARZHANIKOV, N.S., and V.N. MAL'TSEV. [Aerodynamics] Aerodinamika. Izd. 2-oe. Moskva, Gos. izd-vo oborr. promyshl., 1956. 483 p.

BABKO, A.K., and I.V. PIATNITSKII. [Quantitative analysis] Kolichestvennyi analiz. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 736 p.

BALABANOV, E.M., and V.I.GOL'DANSKII. [Thermonuclear reactions] Termoiadernye reaktsii. Moskva, Izd-vo "Znanie," 1956. 60 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, nos. 43, 44)

BARANOV, P.A. [In tropical Africa; a botanist's notebook] V tropicheskoi Afrike; zapiski botanika. Moskva, Izd-vo Akademii nauk SSSR, 1956. 272 p.

BARANOV, V.I. [Measurement of radioactivity] Radiometriia. Izd. 2-oe, ispr. Moskva, Izd-vo Akademii nauk SSSR, 1956. 343 p.

BERMAN, G.N. [Calculation and number; how people learned to count] Schet i chislo; kak liudi uchilis' schitat'. Izd. 6-e. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 31 p. (Nauchno-prosvetitel'naia biblioteka, no. 11)

BESKOV, S.D., and O.A.SLIZKOVSKAIA. [Analytical chemistry; qualitative and quantitative analysis] Analiticheskaia khimiia; kachestvennyi i kolichestvennyi analiz. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 589 p., illus.

BROVKIN, V.M. [Askaniya-Nova; for students in secondary schools] Askaniia-Nova; dlia uchashchikhsia srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 213 p.

CHEPINOGA, O.P. [Nucleic acids and their biological role] Nukleinovye kisloty i ikh biologicheskaia rol'. Kiev, Izd-vo Akademii nauk USSR, 1956. 182 p.

CHIGIRIN, N.I. [Collection of nomograms for working out oceanographic data] Atlas nomogramm dlia obrabotki okeanograficheskikh dannykh. Moskva, Izd-vo Akademii nauk SSSR, 1956. 20 l. (in portfolio)

_____ [Explanatory text] Poiasnitel'nyi tekst. 1956. 34 p.

CHUKICHEV, I.P. [Unity of the theoretical positions of I.P.Pavlov, N.E.Vvedenskii and A.A.Ukhtomskii] O edinstve teoreticheskikh poziitsii, I.P.Pavlova, N.E. Vvedenskogo, A.A.Ukhtomskogo. Moskva, Sovetskaia nauka, 1956. 109 p.
(DAFM)

DAVITASHVILI, L.Sh. [Historical outline of the theories of evolutionary progress] Ocherki po istorii ucheniia ob evoliutsionnom progresse. Moskva, Izd-vo Akademii nauk SSSR, 1956. 226 p.

DEKANOSIDZE, E.N. [Tables of cylindrical functions of two variables] Tablitsy tsilindricheskikh funktsii ot dvukh peremennykh. Moskva, Izd-vo Akademii nauk SSSR, 1956. 491 p. (Matematicheskie tablitsy)

DELONE, B.N. [Elementary proof of the noncontradictoriness of Lobachevskii planimetry] Elementarnoe dokazatel'stvo neprotivorechivosti planimetrii Lobachevskogo.] Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 139 p.

DEMIRCHOGLIAN, G.G. [Physiology of analysors; a manual for teachers] Fiziologiia analizatorov; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 94 p.

EMME, A.M. [Science and religion on the origin of life on earth] Nauka i religiia o proiskhozhdenii zhizni na zemle. Izd. 2-e, perer. Moskva, Gos. izd-vo polit. lit-ry, 1956. 110 p.

ERMOLENKO, N.F. [Chromatographic adsorption analysis and its development] Khromatograficheskii adsorbtsionnyi analiz i ego razvitie. Minsk, Izd-vo Akademii nauk Belorusskoi SSR, 1955. 104 p.

[FLORA OF MURMANSK PROVINCE] Flora Murmanskoi oblasti. Moskva, Izd-vo Akademii nauk SSSR.
No. 3. 1956. 449 p.

[FLORA OF TRANSBAIKALIA] Flora Zabaikal'ia. Moskva, Izd-vo Akademii nauk SSSR.
No. 6. [Angiospernae -Dicotyledons (Leguminosae)] Pokrytosemennye-Dvudol'nye (Bobovye) 1954. 817 p.

FORTY, A.J. [Direct observations of dislocations in crystals. Translated from the English] Neposredstvennoe nabliudenie dislokatsii v kristallakh. Perevod M.A. Shtremelia, pod red. A.G.Rakhshtadta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 57 p., illus.

FRENKEL', IA.I. [Selected works] Sobranie izbrannykh trudov. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. Electrodynamics; general theory of electricity] Elektrodinamika (obshchaia teoriia elektrichestva). 1956. 370 p.

GEL'FOND, A.O. [Solution of equations composed of integers] Reshenie uravnenii v tselykh chislakh. Moskva, Gos. izd-vo tekhn.-teoret. lit-ry, 1952. 61 p. (Populiarnye lektsii po matematike, no. 8)
(RPB)

GLINKA, N.L. [General chemistry] Obshchaia khimiia. Izd. 8-oe. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 732 p.

GOLOVINA, L.I., and I.M.IAGLOM. [Induction in geometry] Induktsiia v geometrii. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 98 p. (Populiarnye lektsii po matematike, no. 21)

GOLUBEV, V.V. [Sergei Alekseevich Chaplygin, 1869-1942; a biographical sketch] Sergei Alekseevich Chaplygin, 1869-1942; biograficheskii ocherk. [Otv. red. A.A.Kosmodem'ianskii] [Moskva] Izd-vo Moskovskogo univ., 1951. 53 p. (Zamechatel'nye uchenye, no. 13)
(RPB)

GRIGOR'EV, N.I. [Inequalities in the algebra course for class 10; a practical manual] Neravenstva v kurse algebry 10 klassa; metodicheskaia razrabotka. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 82 p.

GVOZDOVER, S.D. [Theory of ultra-high frequency electronic apparatus] Teoriia elektronnykh priborov sverkhvysokikh chastot. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 527 p.

HOUSEHOLDER, A.S. [Principles of numerical analysis. Translated from the English] Osnovy chislennogo analiza. Perevod s angliiskogo N.P. Zhidkova i M.I.Seronova. Pod red. L.A.Liusternika. Moskva, Izd-vo inostrannoi lit-ry, 1956. 320 p.

IUDAEV, N.A. [Biochemistry of steroid hormones of the suprarenal bodies] Biokhimiia steroidnykh gormonov kory nadpochechnikov. Moskva, Gos. izd-vo med. lit-ry, 1956. 133 p.

IVANOV, V.I. [Macromolecules] Molekuly-giganty. Moskva, Izd-vo Akademii nauk SSSR, 1951. 116 p. (Itogi i problemy sovremennoi nauki)

KASRADZE, A.A. [Index to articles published in learned periodicals and collected papers of Tbilisi State University] Ukazatel' statei nauchnykh periodicheskikh izdanii i sbornikov Tbilisskogo gosudarstvennogo universiteta imeni I.V.Stalina. [Tbilisi] Izd-vo TGU im. Stalina, 1955. 194 p. [In Georgian.]

KAZAKOVA, O.V. [Lesson methods for the subject "Nervous system"] Metodika urokov po teme "Nervnaia sistema." Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 46 p. (Zaochnaia metodicheskaia konsul'tatsiia)

KAZAKOVA, O.V. [Practical lessons on the subjects: Organs of digestion. Metabolism] Metodika urokov po temam: Organy pishchevareniia. Obmen veshchestv. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 95 p. (Zaochnaia metodicheskaia konsul'tatsiia)

KHARADZE, E.K. [In the depths of the universe] V glubinakh vselennoi. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 45)

KHOLODNYI, N.H. [Selected works; in three volumes] Izbrannye trudy; v trekh tomakh. Kiev, Izd-vo Akademii nauk USSR.
Vol. 2. [Works on the physiology of plants] Raboty po fiziologii rastenii. 1956. 388 p.

KORDEMSKII, B.A. [Sharpness in mathematics] Matematicheskaia smekalka. Izd. 3-e. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 574 p.

KOSTINA, Z.N. [Practical problems in mathematics; a teacher's manual] Prakticheskie zadachi po matematike; posobie dlia uchitelei. Pod red. V.P.Kozlova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 133 p.

KUBANSKAIA, Z.V. [Vegetation and fodder resources of the Bet-Pak-Dala desert] Rastitel'nost' i kormovye resursy pustyni Bet-Pak-Daly. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 203 p.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS"EMKI I KARTOGRAFII. [A bibliography of the works of the Central Research Institute of Geodesy, Aerial Surveying and Cartography from 1920 to 1955] Bibliograficheskii ukazatel' trudov TSentral'nogo nauchno-issledovatel'skogo instituta geodezii, aeros"emki i kartografii za 1920-1955 gg. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 56 p.

LOBACHEVSKII, N.I. [Selected works on geometry] Izbrannye trudy po geometrii. Red. P.S. Aleksandrova i dr. Kommentarii V.F.Kagana i dr. Moskva, Izd-vo Akademii nauk SSSR, 1956. 595 p. (Klassiki nauki)

LOZINA-LOZINSKII, L.K. [The organism and its environment; a teacher's manual] Organizm i usloviia zhizni; v pomoshch' uchiteliu. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 159 p.

MAL'TSEV, A.I. [Principles of linear algebra] Osnovy lineinoi algebry. Izd. 2-oe, peror. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 340 p.

MARIKOVSKII, P.IU. [The wonderful fruit fly; an entomologist's stories] Chudesnaia pestrokrylka; rasskazy entomologa. Risunki E. Bizina. Moskva, Detgiz, 1955. 124 p.
(NN)

MIKHLIN, D.M. [Biological oxidation] Biologicheskoe okislenie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 442 p.

MODILEVSKII, IA.S. [The history of Russian embryology of higher plants] Istoriia otechestvennoi embriologii vysshikh rastenii. Kiev, Izd-vo Akademii nauk USSR, 1956. 201 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII VITAMINNYI INSTITUT. [Vitaminization of food products] Vitaminizatsiia pishchevykh produktov. Pod red. S.I. Korol'kova. Moskva, Pishchepromizdat, 1955. 63 p.

NAUCHNAIA KONFERENTSIIA PO VOZRASTNOI MORFOLOGII I FIZIOLOGII, 2d, 1955. [Proceedings of the Second Scientific Conference on the Morphology and Physiology of Age] Trudy... Pod red. A.A.Markosiana. Moskva, Izd-vo Akademii pedagogicheskikh nauk RSFSR, 1955. 294 p.

NAZAROV, A.G. [An engineering method of analyzing seismic forces] Metod inzhenernogo analiza seismicheskikh sil. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 186 p.

NIKITIN, D.A. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR, 1956. 340 p.

POTOTSKII, M.V. [Analytical geometry of planes] Analiticheskaia geometriia na ploskosti. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 446 p.

PRIKHOD'KO, A.N., and M.N.SAFRONOV. [A course in theoretical mechanics for technical schools] Kurs teoreticheskoi mekhaniki dlia tekhnikumov. Pod red. I.M.Voronkova i D.V.Zharkova. Moskva, Gos. izdvo tekhniko-teoret. lit-ry, 1956. 116 p.

[PROGRESS IN COSMIC RAY PHYSICS. Translated from the English] Fizika kosmicheskikh luchei; sovremennye dostizhenila. Sostavleno gruppoi avtorov pod red. Dzh. Vil'sona. Perevod s angliiskogo L. Kh. Eidusa. Moskva, Izd-vo inostrannoi lit-ry.
Vol. 2. 1956. 279 p.

PRUDNIKOV, V.E. [Russian mathematicians and pedagogues of the 18th and 19th centuries] Russkie pedagogi-matematiki XVIII-XIX vekov; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 640 p.

RYTOV, M.V. [Selected works] Izbrannye trudy. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 350 p.

SHAKHOV, A.A. [Salt resistance of plants] Soleustoichivost' rastenii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 550 p.

SHAKHPARONOV, M.I. [Introduction to the molecular theory of solutions] Vvedenie v molekuliarnuiu teoriiu rastvorov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 507 p.

SHCHAVELEV, A.F. [Geodesy] Geodeziia. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 280 p.

SHILOV, G.E. [Introduction to the theory of linear spaces] Vvedenie v teoriiu linelnykh prostranstv. Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 303 p.

SHLYK, A.A. [Tagged atom method of studying the biosynthesis of chlorophyll] Metod mechenykh atomov v izuchenii biosinteza khlorofilla. Minsk, Izd-vo Akademii nauk BSSR, 1956. 298 p.

SIMONS, J.H., ed. [Fluorine chemistry. Translated from the English] Ftor i ego soedinenila. Perevod s angliiskogo. Pod red. I.L.Knunlantsa i IA.M.Varshavskogo. Moskva, Izd-vo inostrannoi lit-ry.
Vol. 2. 1956. 495 p.

SOKOLOV, N.L. [Birds; data for the study of bird behavior] Ptitsy; materialy k izucheniiu povedenila ptits. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 82 p. (Pedagogicheskaia biblioteka uchitelia)

SOLODOVNIKOV, V.V. [Some features of cybernetics] Nekotorye cherty kibernetiki. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 26)

SYTINSKAIA, N.N. [The opposition of Mars at perihelion] Velikoe protivostoianie Marsa. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 49 p.

TERLETSKII, IA.P. [Dynamic and statistical laws of physics] Dinamicheskie i statisticheskie zakony fiziki. [Moskva] Izd-vo Moskovskogo univ., 1949. 95 p.
[MICROFILM]

VAINSHTEIN, B.K. [Structural electronography] Strukturnaia elektronografiia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 315 p.

VAVILOV, S.I. [Collected works] Sobranie sochinenii. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 3. [Works on philosophy and the history of the natural sciences] Raboty po filosofii i istorii estestvoznanila. 1956. 870 p.

VOL'MIR, A.S. [Elastic buckling plates and shells] Gibkie plastinki i obolochki. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 419 p.

VORONTSOV-VEL'IAMINOV, B.A. [Outline history of astronomy in Russia] Ocherki istorii astronomii v Rossii. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 371 p.

VREDEN-KOBETSKAIA, T.O., comp. Vladimir Aleksandrovich Fok; [bibliography] bibliografiia. Vstup. stat'ia V.I.Smirnova. Moskva, Izd-vo Akademii nauk SSSR, 1956. 93 p. (Materialy k biobibliografii uchenykh SSSR. Seriia fiziki, no. 7)

VSESOIUZNAIA KONFERENTSIIA PO KOLLOIDNOI KHIMII, 3d, Minsk, 1953. [Proceedings of the Third All-Union Conference on Colloidal Chemistry] Trudy... Moskva, Izd-vo Akademii nauk SSSR, 1956. 494 p.

ZAVITAEV, P.A. [Observations and experiments in natural science for elementary schools; teacher's manual] Nabliudenila i opyty po estestvoznaniiu v nachal'noi shkole; posobie dlia uchitelia. Moskva, Gos. uchebnopedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 111 p.

ZIDANOV, G.B. [Rays from the world's depths] Luchi iz mirovykh glubin. Izd. 3-e, perer. i dop. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1952. 122 p.

## 14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. [Silicosis; transactions of an enlarged session of the Presidium of the Academy of Medical Sciences of the U.S.S.R., Tomsk and Kiev] Silikoz; trudy rasshirennogo zasedaniia prezidiuma AMN SSSR, Tomsk i Kiev. Otv. red. A.A.Letavet. Moskva, Medgiz, 1956. 94 p.
(DAFM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut infektsionnykh bolezneĭ. [Expended scientific conference of the Institute on the problem of dysentery; abstracts of reports, April 7-9, 1955] Rasshirennaia nauchnaia konferentsiia instituta po probleme dizenterii; tezisy dokladov, 7-9 aprelia 1955 goda. Kiev, 1955. 55 p.
(DAFM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut neirokhirurgii. [Disturbances of blood circulation due to affections of the brain] Narusheniia krovoobrashchenila pri porazheniiakh golovnogo mozga. Moskva, Medgiz, 1956. 299 p.
(DAFM)

AKSEL'ROD, D.M. [Adonis vernale] Goritsvet vesennii. Moskva, Medgiz, 1955. 11 p.
(DA)

AKSEL'ROD, D.M. [Arnica montana] Arnika gornaia. Moskva, Medgiz, 1955. 10 p.
(DA)

AL'PERIN, P.M. [Blood transfusion and donorship] Perelivanie krovi i donorstvo. Izd. 2-oe, dop. Moskva, Institut sanitarnogo prosveshchenila, 1955. 28 p. (V pomoshch' lektoru)
(DAFM)

ARUTIUNOV, V.IA. [Skin and venereal diseases] Kozhnye i venericheskie bolezni. Moskva, Medgiz, 1956. 474 p.
(DAFM)

ASTVATSATUROV, K.R. [Syphilis, its diagnosis and treatment; manual for physicians] Sifilis, ego diagnostika i lechenie; rukovodstvo dlia vrachei. Moskva, Medgiz, 1956. 326 p.
(DAFM)

ASNIN, D.I. [Immunodiagnosis of actinomycosis] Immunodiagnostika aktinomikoza. Moskva, Gos. izd-vo med. lit-ry, 1956. 89 p., illus.
(DAFM)

BAN'KOVSKII, A.I., and others. [Hoary cress] Zhelushnik seryi. Pod red. N.IA. Ilskova, i A.D. Turovoi. Moskva, Medgiz, 1953. 126 p.
(DAFM)

BARON, L. [Prevention of silicosis; organization and methods] Profilaktika silikoza; organizatsionno-metodicheskie materialy. Pod obshchei red. A.A.Skochinskogo. Moskva, Medgiz, 1956. 251 p. (Biblioteka sanitarnogo vracha i epidemiologa)
(DAFM)

BENIUMOV, R.IA. [Medicine in the fight with religious prejudices and superstitions] Medytsina v boreť bi z religijnymy peredsudamy. Kyiv, Derzh. med. vyd-vo URSR, 1956. 25 p.

[BIOMYCIN; experimental and clinical studies of biomycin] Biomytsin; eksperimental'noe i klinicheskoe izuchenie biomitsina. Otv. red. Z.V.Ermol'eva i A.F. Bilibin. Moskva, Gos. izd-vo med. lit-ry.
Vol. 2. [A collection of articles] Sbornik statei. 1956. 202 p.

BOGOLEPOV, N.K. [Preventing hypertension and arteriosclerosis; a neuropathologist's advice] O preduprezhdenii gipertonicheskoi bolezni i arterioskleroza; sovety nevropatologa. Moskva, Medgiz, 1955. 98 p. [Nauchno-populiarnaia meditsinskaia literatura)
(DAFM)

BREIDO, I.S. [History of antisepsis and asepsis in Russia] Istoriia antiseptiki i asoptiki v Rossii. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 194 p.

BUNIN, K.V. [Short handbook on the most important acute infectious diseases] Kratkoe rukovodstvo po vazhneishim ostrym infektsionnym boleznlam. Moskva, Medgiz, 1956. 165 p. (Biblioteka srednego medrabotnika)
(DAFM)

BYSOTSKAIA, S.O. [Brief guide to fleas important in epidemiology] Kratkii opredelitel' blokh, imeiushchikh epidemiologicheskoe znachenie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 99 p. illus.
(DAFM)

DAVIDENKOV, S.N. [Clinical lectures on diseases of the nervous system] Klinicheskie lektsii po nervnym boleznlam. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie.
No. 2. 1956. 217 p.
(DAFM)

DAVYDOVSKII, I.V. [Pathological anatomy and the pathogenesis of human diseases] Patologicheskaia anatomiia i patogenez bolezneĭ cheloveka. Izd. 3-e., perer. i dop. Moskva, Medgiz.
Vol. 1. [Infectious diseases] Infektsionnye bolezni. 1956.
(DAFM)

DEINEKA, I.IA. [Echinococcosis of the lungs] Ekhinokokk legkikh. Kiev, Gos. med. izd-vo USSR, 1955. 278 p.
(DAFM)

EFIMOV, N.M. [The struggle for healthy living] Bor'ba za zdorovyi byt. [Moskva] Moskovskii rabochii, 1956. 83 p.
(DS)

EGOROV, P.I., ed. [Manual for the practicing physician] Spravochnik prakticheskogo vracha; v dvukh tomakh. Izd. 7-e, znachitel'no dop. i ispr. Moskva, Medgiz, 1956. 2 v.
(DAFM)

ELINSON, F.L. [Regimen and diet for tuberculosis patients] Rezhim i pitanie bol'nykh tuberkulezom. Moskva, Medgiz, 1956. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DAFM)

ERMOL'EVA, Z.V. [Streptomycin] Streptomitsin. Moskva, Medgiz, 1956. 56 p.
(DAFM)

ESIPOVA, I.K. [Problems in the pathology of chronic nonspecific inflammations of the lungs] Voprosy patologii khronicheskikh nespetsificheskikh vospalenii legkikh. Moskva, Medgiz, 1956. 212 p. illus.
(DAFM)

FRIDLAND, L.S. [On the roads of science; stories on medicine] Po dorogam nauki; rasskazy o meditsine. Moskva, Sovetskaia nauka, 1956. 460 p.
(DAFM)

FURMAN, A.S. [Artificial pneumothorax] Lechebnyi pnevmotoraks. Izd. 4-oe., ispr. i dop. Moskva, Medgiz, 1956. 208 p. (Biblioteka prakticheskogo vracha)
(DAFM)

A 14

GOLIGORSKII, S. D. [Semiology and diagnosis in urology] Ocherki urologicheskoi semiotiki i diagnostiki. Kishinev, Gos. izd-vo Moldavii, 1956. 242 p.
(DAFM)

GRIBKOV, G. M. [Basic regulations on balneological equipment in health resorts] Osnovnye polozhenila bal'neotekhnicheskikh ustroistv na kurortakh. Moskva, Medgiz, 1956. 81 p.
(DAFM)

GUKASIAN, A. G. [Internal diseases] Vnutrennie bolezni. Moskva, Medgiz, 1956. 394 p.
(DAFM)

GUSLITS, S.V. [Epidemiology and prophylaxis of dysentery] Epidemiologila i profilaktika dizenterii. Moskva, Medgiz, 1956. 179 p. (Biblioteka sanitarnogo vracha i epidemiologa)
(DAFM)

KANEVSKII, L. O., E. I. LOTOVA, and KH. I. IDEL'CHIK. [Chief characteristics of the development of medicine in Russia during the period of capitalism (1861-1917)] Osnovnye cherty razvitiia meditsiny v Rossii v period kapitalizma (1861-1917). Moskva, Gos. izd-vo med. lit-ry, 1956. 192 p.

KHROMOV, V. M. [Readings on the history of surgery] Al'bom po istorii khirurgii. Moskva, Meduchposobie. No. 1. [History of Russian surgery] Istoriia russkoi khirurugii. 1955.
(CLU)

KIBZEI, A.T. [Ukrainian physician] Ukrains'kyi likar. Yorkton, Sask. Canada, The Redeemer's Voice [1945] 734 p.
(OCl)

KISELEVA, V. B. [Cooking for children; a book for mothers on the preparation of food for children] Detskaia kukhnia; kniga dlia materei o prigotovlenii pishchi detiam. Pod red. V. S. Vail'. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 174 p.

KLENITSKAIA, E. M., and L. MEL'NIKOVA. [The midwife's work in the village] Rabota akusherki na sele. Izd. 2-oe, ispr. i dop. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 101 p.
(DAFM)

KOROLEV, A. M. [Influenza and its prevention] Gripp i mery bor'by s nim. [Gor'kii] Gor'kovskoe kn-vo, 1955. 23 p.
(DAFM)

KOSMODAMIANSKII, V. N., ed. [Intestinal infections; problems in the bacteriology, immunology, and therapy of typhoid fever and dysentery] Kishechnye infektsii; voprosy bakteriologii, immunologii i kliniki briushnogo tifa i dizenterii. [Leningrad] Medgiz, 1956. 198 p.
(DAFM)

KOZLOVA, A.V., and E.LVOROB'EV. [Clinical and therapeutic aspects of injuries caused by atomic bomb explosions] Klinika i lechenie povrezhdenii voznikaiushchikh pri vzryve atomnoi bomby. Moskva, Gos. izd-vo med. lit-ry, 1956. 94 p.
(DAFM)

KURLIANDSKII, V. IU. [Orthopedic therapy in pyorrhea alveolaris] Ortopedicheskoe lechenie al'veoliarnoi piorret (amfodontoza) i travmaticheskoi artykuliatsii. Izd. 2-oe. Moskva, Medgiz, 1956. 289 p.
(DAFM)

KURSHAKOV, N. A. [Acute radiation sickness] Ostraia luchevaia bolezn'. Moskva, Medgiz, 1956. 14 p.
(DAFM)

LASS, D. I. [Care of the skin; manual for beauty-parlor workers] Ukhod za kozhei litsa; posobie dlia rabotnikov kosmeticheskikh kabinetov. Izd. 2-oe, dop. i perer. Moskva, Izd-vo ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 159 p.
(DAFM)

LAZAREVICH, A. I. [Pregnancy with tuberculosis] Beremennost' pri tuberkuleze. Moskva, Medgiz, 1956. 94 p.
(DAFM)

LEBEDEV, A. N. I. I. Grekov, 1867-1934. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 140 p. (Vydaiushchiesia deiateli otechestvennoi meditsiny)

LEIKINA, E. S. [The most important human helminthiases] Vazhneishie gel'mintozy cheloveka. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo med. lit-ry, 1956. 206 p. (Biblioteka prakticheskogo vracha)
(DAFM)

LERMAN, I. A. [Handbook on general prescription writing] Rukovodstvo po obshchei retsepture. Moskva, Medgiz, 1956. 114 p.
(DAFM)

LISITSKII, R. M. [Medical supplies; instruments, apparatus, articles for care of the sick, dressing materials, eye glasses, natural mineral waters] Meditsinskoe tovarovedenie; instrumenty, apparatura, predmety ukhoda za bol'nym, pereviazochnye materialy, ochkovaia optika, natural'nye mineral'nye vody. Izd. 4-oe., dop. i ispr. Moskva, Medgiz, 1956. 199 p.
(DAFM)

LUSHNIKOV, A.G. [Lectures on the history of Russian medicine; first half of the 19th century] Lektsii po istorii russkoi meditsiny; pervaia polovina XIX stoletiia. Moskva, Medgiz, 1956. 25 p.
(DAFM)

MAISTRAKH, K. V. [Organization of public health services] Organizatsiia zdravookhraneniia. Izd. 4-e. Moskva, Medgiz, 1956. 266 p.
(DAFM)

MANANNIKOVA, N. V. [Organization of child care in consolidated children's hospitals] Organizatsiia obsluzhivaniia detei v ob"edinennoi detskoi bol'nitse. Moskva, Medgiz, 1955. 96 p. (Biblioteka vracha-organizatora. Lektsii po organizatsii zdravookhraneniia dlia vrachei. Organizatsiia lechebno-profilakticheskoi pomoshchi zhenshchinam i detiam, lektsiia 7)
(DAFM)

[MEDICAL LITERATURE OF THE U. S. S. R.; an index of books and articles] Meditsinskaia literatura SSSR; ukazatel' knig i statei. 1945-46. Moskva. [n. d.] 1 v.
(DAFM)

MEL'NIKOV, A.V. [Clinical aspects and prevention of transperitoneal and pelvic phlegmon in patient with abdominal wounds] Klinika i profilaktika zabriushinnykh i razovykh flegmon u ranennykh v zhivot. [Leningrad] Medgiz, 1956. 298 p.
(DAFM)

MIKHEL'SON, N. M. [Injuries to the face and jaws and their treatment] Povrezhdenila litsa i cheliustei i ikh lechenie. Moskva, Gos. izd-vo med. lit-ry, 1956. 80 p. (Biblioteka prakticheskogo vracha)
(DAFM)

MOSCOW. TSENTRAL'NYI INSTITUT SANITARNOGO PROSVESHCHENIIA. [Materials for health education in the fight against cancer] Materialy dlia sanitarno-prosvetitel'noi raboty v bor'be protiv raka. Moskva, 1945. 26 p.
(DAFM)

PERTSOVSKAIA, A.I. Selliginen yaid'aachchyga achylyk suoltata. IAkutskai, Sakha sirineechi kinige izd., 1954. 10 p. [In Yakut.]
(DAFM)

PLETNEVA, N.A. [Diseases of the eye] Glaznye bolezni. Izd. 2-oe. Moskva, Medgiz, 1956. 370 p.
(DAFM)

POLENOV, A. L. [Selected works] Izbrannye trudy. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 365 p.

POPOV, B. V. [Protecting the health of workers in the lumber industry] Okhrana zdorov'ia rabochikh lesozagotovitel'noi promyshlennosti. Moskva, Medgiz, 1955. 70 p.
(DA)

[PROBLEMS IN CLINICAL NEUROPATHOLOGY AND PSYCHIATRY] Voprosy klinicheskoi nevropatologii i psikhiatrii. Pod red. I. P. Alekseenko. Kiev, Gos. med. izd-vo USSR, 1956. 244 p.
(DAFM)

RAIZ, A. B. [Stomach ulcers; their treatment and prevention] Iazvennaia bolezn' zheludka, ee lechenie i preduprezhdenie. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 23 p. (Obshchestvo po rasprostraneniiu politicheskikh i naychnikh znanii Kazakhskoi SSR)
(DAFM)

ROZANOV, S.N. [Croup in children] Krup u detei. Izd. 2-oe, perer. i dop. Moskva, Medgiz, 1956. 125 p. (Biblioteka prakticheskogo vracha)
(DAFM)

ROZENTSVEIG, P. E. [The technology of medical products; a textbook for pharmaceutical schools] Tekhnologiia lekarstvennykh form; uchebnik dlia farmatsevticheskikh uchilishch. Moskva, Gos. izd-vo med. lit-ry, 1956. 347 p.
(DAFM)

RUBASHOV, S. M. [Introduction to operative surgery; general section] Vvedenie v operativnuiu khirurgiiu; obshchaia chast'. Kishenev, Gos. izd-vo Moldavii, 1956. 160 p.
(DAFM)

RUMIANTSEVA, A. F. [Surgery of the eye] Glaznaia khirurgiia. Kiev, Gos. med. izd-vo USSR, 1956. 308 p.
(DAFM)

RUSANOV, A. A. [Gastrectomy; a practical manual] Rezektsiia zheludka; prakticheskoe rukovodstvo. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 147 p., illus.
(DAFM)

RUSANOV, S. A. [Work of nurses in surgery; a manual for surgical nurses] Rabota operatsionnoi sestry; posobie dlia operatsionnykh sester. Izd. 2-e, ispr. i dop. Moskva, Medgiz, 1956. 196 p. (Biblioteka srednego medrabotnika)
(DAFM)

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie kurortov i sanatoriev. [General principles of treating patients at the Kislovodsk health resort] Osnovnye printsipy lecheniia bol'nykh na Kislovodskom kurorte. [Stavropol'] Stavropol'skoe kn-vo, 1954. 306 p.
(DAFM)

SAKHAROV, P. I. [Dysentery and its prevention] Dizenteriia i ee preduprezhdenie. Moskva, Medgiz, 1955. 29 p.
(DA)

SAL'NIKOV, E. P. [General care of patients] Obshchii ukhod za bol'nymi. Moskva, Gos. izd-vo med. lit-ry, 1956. 211 p.
(DAFM)

SAVITSKII, A. I. [Early detection of cancer and modern methods of treating it] Rannee raspoznavanie raka i sovremennoe ego lechenie. Moskva, Medgiz, 1956. 15 p.
(DAFM)

SAVVAITOV, A. S. [Trachoma; treatment and prevention] Trakhoma; lechenie i profilaktika. Izd. 2-e. Moskva, Medgiz, 1956. 54 p.
(DAFM)

SAVVATIMSKAIA, N. P., and Z. I. EDEL'MAN. [Rheumatic fever in children and its control; brief handbook for practicing physicians] Revmatizm u detei i organizatsiia bor'by s nim; kratkoe rukovodstvo dlia prakticheskikh vrachei. Moskva, Medgiz, 1956. 101 p.
(DAFM)

SEREBROV, A. I. [Textbook of gynecology] Uchebnik ginekologii. Izd. 5-oe., perer. i dop. [Leningrad] Medgiz, 1956. 338 p.
(DAFM)

STANKOV, S. S., and N. V. KOVALEVSKII. [Our medicinal plants] Nashi lekarstvennye rastentiia. Izd. 2-oe, ispr. i dop. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1952. 242 p.
(DAFM)

TANFIL'EV, D.E. [Teeth extraction] Udalenie zubov. [Leningrad] Medgiz, 1956. 102 p. (Biblioteka prakticheskogo vracha)
(DAFM)

UKRAINE. Ministerstvo zdravookhraneniia. [Cytotoxins in modern medicine; a collection of works commemorating the 75th birthday of Academician A.A.Bogomolets] TSitotoksiny v sovremennoi meditsine; sbornik rabot, posviashchennyi 75-letiiu so dnia rozhdeniia akademika A.A.Bogomol'tsa. Kiev, Gos. med. izd-vo USSR, 1956. 320 p.

URAZAKOV, I.U. [Collosilicate] Kollosilikat; sposoby ego poluchenila v usloviiakh lechebnogo uchrezhdeniia i primeneniia v ortopedicheskoi i khirurgicheskoi praktike. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 53 p.
(DAFM)

VELIKORETSKII, A.N., and V.A.KRUZHKOV. [Surgery] Khirurgiia. Izd. 7-oe, ispr. i dop. Moskva, Gos. izd-vo med. lit-ry, 1956. 491 p.
(DAFM)

VISHNEVSKII, A.V. [Local anesthesia according to the method of circumferential infiltration] Mestnoe obezbolivanie po metodu polzuchego infil'trata. Izd. 6-oe, perer. i dop. A.A.Vishnevskim. Moskva, Medgiz, 1956. 360 p.
(DAFM)

ZOLINA, Z.M., and S.I.KRAPIVINTSEVA. [Proper organization of rest periods during work insures health] Pravil'naia organizatsiia pereryrov v rabote - zalog zdorov'ia. Moskva, Medgiz, 1955. 19 p.
(DAFM)

## 15. AGRICULTURE

[AIDS FOR RURAL MACHINERY OPERATORS; a collection of articles] V pomoshch' sel'skim mekhanizatoram; sbornik statei. Rostov-na-Donu, Rostovskoe kn-vo, 1955. 112 p.
(DA)

AGAPOV, S.P. [Carrots, celery, parsley, parsnip] Morkov', sel'derel, petrushka, pasternak. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 63 p. (Bibliotechka ovoshchevoda)
(DA)

AGAPOV, S.P. [Root crops for table use] Stolovye korneplody. Izd. 2-oe, dop. i ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 300 p.
(DA)

[AGRICULTURAL RECLAMATION WORK; based on data from the All-Union Agricultural Exhibition] Sel'skokhoziaistvennye meliioratsii; po materialam Vsesoiuznoi sel'skokhoziaistvennoi vystavki. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 511 p. (Peredovoi opyt v sel'skom khoziaistve)

AKADEMIIA NAUK SSSR. Institut fiziologii rastenii. [Irrigation of agricultural crops in the central Chernozem region of the R.S.F.S.R.; a collection of papers.] Orosbenie sel'skokhoziaistvennykh kul'tur v tsentral'no-chernozemnoi polose RSFSR; sbornik rabot. Moskva.
No. 2. 1956. 410 p.

AKADEMIIA NAUK SSSR. Pochvennyi institut. [Takyrs of Western Turkmenistan and ways of reclaiming them for agriculture] Takyry Zapadnoi Turkmenii i puti ikh sel'skokhoziaistvennogo osvoeniia. Moskva, 1956. 735 p.

AKHADADZE, I.F. [Jacob's ladder]Siniukha lazurnaia. Moskva, Medgiz. 1955. 15 p.
(DA)

[ALL-UNION INDUSTRIAL AND AGRICULTURAL EXHIBITIONS] Vsesoiuznye promyshlennaia i sel'skokhoziaistvennaia vystavki. [Moskva, Izogiz, 1956] 12 post cards (in portfolio)

ANDRONOV, A.S. [Corn for grain and silage; experience of the experimental farm of the Kirghiz Stockbreeding Research Institute] Kukuruza na zerno i silos; opyt eksperimental'noi fermy Kirgizskogo nauchno-issledovatel'skogo instituta zhivotnovodstva. Frunze, Kirgizskoe gos. izd-vo, 1955. 22 p.
(DA)

ANTIPIN, D. N., and others. [Parasitology and infestations of farm animals] Parazitologiia i invazionnye bolezni sel'skokhoziaistvennykh zhivotnykh. Pod red. V.S. Ershova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 478 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

BABENKOV, I.V. [How to get high yields of millet] Kak vyrastit' vysokii urozhai prosa. [Kuibyshev] Kuibyshevskoe kn-vo, 1955. 28 p.
(DA)

BARMINTSEV, IU.N., and IA.I.KLEINBOK. [Horse breeding] Konevodstvo. Alma-Ata, Kazakhskoe gos. izd-vo, 1952. 262 p. (Trekhletnie agrozootekhnicheskie kursy. 2.g. obucheniia)
(DA)

BASIUK, T.L. [Principal methods of increasing labor productivity in socialist agriculture] Osnovnye puti povysheniia proizvodtel'nosti truda v sotsialisticheskom sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 1)

BASOVA, A.I. [Our experience in a dispatching system for machine-tractor stations] Nash opyt organizatsii dispetcherskoi sluzhby v MTS. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 24)

BELORUSSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT LESNOGO KHOZIAISTVA. [Manual on managing collective farm forests] Spravochnik po vedeniiu khoziaistva v lesakh kolkhozov. Minsk, Gos. izd-vo BSSR, 1956. 256 p.

BELOVOD, A.K. [The state farm on the upswing] Sovkhoz na pod"eme. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 78 p.

BEREZHNOI, I.M. [Cultivation practices for tea] Agrotekhnika chainogo rasteniia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 69 p.
(DA)

BRIANTSEV, B.A. [Controlling corn diseases and pests] Bor'ba s vrediteliami i boleznami kukuruzy. Moskva, Gos. izd-vo selkhoz lit-ry, 1955. 46 p.
(UA)

BRINK, N.P. [Spicy plants] Prianye rastenila. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 174 p.

CHERNAVIN, A.S. [Ground phosphorite and its use] Fosforitnaia muka i ee primenenie. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 164 p.
(DA)

CHIRIKOV, F.V. [Agricultural chemistry of potassium and phosphorus] Agrokhimiia kaliia i fosfora. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 463 p.

CHZHAO, A.E. [Let us beautify our country with orchards; a bibliography] Ukrasim rodinu sadami; rekomendatel'nyi ukazatel' literatury. Moskva, Gos. bibliotoka SSSR im. V.I. Lenina, 1956. 27 p.

[THE COLLECTIVE FARM CHAIRMAN; sketches] Predsedatel' kolkhoza; ocherki. [Moskva] Moskovskii rabochii, 1956. 309 p.

DOLGOV, I.D., and A.V. VOZNESENSKII. [For high barley yields] Za vysokie urozhai iachmenia. [Kuibyshev] Kuibyshevskoe kn-vo, 1954. 19 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

DOMUSENKO, P.M., and T.T.SUKHAREVA. [Work practice of vegetable growers at the All-Union Agricultural Exhibition] Iz opyta raboty ovoshchevodov - uchastnikov Vsesoiuznoi Sel'skokhoziaistvennoi Vystavki. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 71 p.
(DA)

DUDAREVA, Z.G. [Youth on virgin lands; a discussion of books] Molodezh' na tselinnykh zemliakh; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 23 p. (Za novye uspekhi v ahestoi piatiletke)

ERMILOV, G.B. [Biological principles in sowing red clover] Biologicheskie posevа krasnogo klevera. Sverdlovsk, Akademiia nauk SSSR, Ural'skii filial, 1956. 72 p.

[FOR HIGH RICE YIELDS] Za vysokii urozhai risa. [Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1955] (folder)
(DA)

[GREEN FALLOWS AND ROW CROPS TO PRECEDE WINTER CROPS] Zaniatye pary i neparovye predshestvenniki; sbornik statei. Pod red. K.P.Klokova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 159 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

GROMOV, N. [Raise mushrooms] Vyrashchivaite shampin'ony. [Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955] folder.
(DA)

GROMOVA, N.P. [Visual aids for propaganda on collective farms] Nagliadnaia agitatsiia v kolkhoze. [Moskva] Moskovskii rabochii, 1956. 91 p. (Bibliotechka sel'skogo partrabotnika)

GUBAREVICH, IA.G. [Veterinary obstetrics and gynecology] Veterinarnoe akusherstvo i ginekologiia. Izd. 3-e. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 400 p.
(DA)

GUMEROV, M.N. [Land resources of the U.S.S.R. and their use; a lecture] Zemel'nye fondy SSSR i ikh ispol'zovanie; lektsiia. Moskva, Moskovskaia sel'skokhoziaistvennaia akademiia im. K.A. Timiriazeva, 1956. 30 p.

GUREVICH, A.M., and P.S. IVASHCHENKO. [Manual for the "Stalinets-80" tractor operator] Pamiatka traktorista po traktoru "Stalinets-80". [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1955. 303 p.
(DA)

[HOW OUR STATE FARM BECAME A LEADER; stories of active members and innovators of the "Vyborg" State Farm] Kak nash sovkhoz stal peredovym; rasskazy profsoiuznykh aktivistov i novatorov sovkhoza "Vyborgskii." [Moskva- Profizdat, 1955. 77 p.
(DA)

[INNOVATIONS IN FEEDING FARM ANIMALS; a collection of translations from foreign periodical literature] Novoe v kormlenii sel'skokhoziaistvennykh zhivotnykh; sbornik perevodov iz inostrannoi periodicheskoi literatury. Otv. red. M.F. Tomme. Moskva, Izd-vo inostrannoi lit-ry.
Vol. I. 1956. 375 p.
(DA)

IURMALIAT, A.P. [Hints for calf breeders] Sovety teliatnitse. [Moskva] Moskovskii rabochii, 1955. 86 p. (Bibliotechka zhivotnovoda)
(DA)

IVANOV, LEONID. [With the American agricultural delegation in the Soviet Union; a journalist's notebook] S amerikanskoi sel'skokhoziaistvennoi delegatsiei po Sovetskomu Soiuzu; zapiski zhurnalista. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 179 p.

KANDIBOR, A.I. [For high daily output on the combine] Za vysokuiu dnevnuiu vyrabotku na kombaine. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 30 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

KARTASHOV, R.N. [Development of Soviet agriculture of the sixth five-year plan] Razvitie sel'skogo khoziaistva SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, nos. 26, 27)

KAS'IANENKO, A.I. [Growing dwarf fruit trees in the southern part of the European U.S.S.R.] Kul'tura karlikovykh plodovykh derev'ev na iuge evropeiskoi chasti SSSR. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 262 p.
(DA)

KHOKHLACHEV, F.N., and I.V. GRECHANYI. [Don valley flood lands; practice of vegetable growers] V donskom zaimishche; opyt ovoshchevodov. Rostov na-Donu, Rostovskoe obl. kn-vo, 1951. 68 p. (Bibliotechka kolkhoznika)
(CU)

KOBRIN, D., ed. [Michurin fruit growers] Sadovody-michurintsy. [Moskva] Moskovskii rabochii, 1955. 266 p.
(DA)

KOKOVIN, E.V., and M.F.NEZNAEV. [Mechanization of work in the drainage and reclamation of land] Mekhanizatsiia rabot po osusheniiu i osvoeniiu zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 390 p.

KOLEN'KO, E.I. [Practical guide to veterinary microbiology] Rukovodstvo k prakticheskim zaniatiiam po veterinarnoi mikrobiologii. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 233 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

KOMPANETS, I.D. [Expansion of animal husbandry in Chernovtsy Province] Zhivotnovodstvo Chernovitskoi oblasti na pod"eme. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 30 p.
(DA)

KONDRATIUK, N.D. [The organization of poultry raising on state farms and on poultry farms] Organizatsiia ptitsevodstva v sovkhozakh i na ptitsefabrikakh. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 335 p.
(DA)

KOROLEV, G.O., and M.A. PAVLOV. [Over-all mechanization of harvesting; experience in Stavropol Territory] Kompleksnaia mekhanizatsiia uborki; opyt Stavropol'skogo kraia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 118 p. (Peredovoi opyt v sel'skom khoziaistve)

KOROTKIKH, G.I. [Aerosols and their use in agriculture] Aerozoli i ikh primenenie v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 111 p.
(DA)

KOZYREV, I.F. [Accounting on state farms] Bukhgalterskii uchet v sovkhozakh. Moskva, Gosfinizdat, 1956. 119 p.

KUPARADZE, G. Z. [Manual on agricultural calculations] Spravochnik po sel'skokhoziaistvennym vychisleniiam. [Tbilisi] Izd-vo GSKhI, 1956. 543 p.
(DS)

KUPERMAN, F.M. [Biological principles in wheat growing] Biologicheskie osnovy kul'tury pshenitsy. [Moskva] Izd-vo Moskovskogo univ.
Vol. 3. [Morphophysiological methods of studying wheat species. Biological control of wheat plantations] Morfofiziologicheskie priemy issledovaniia vidov pshenitsy. Biologicheskii kontrol' za posevami pshenitsy. 1956. 279 p.

KURYNDIN, I.I., and others. [Fruit culture] Plodovodstvo. Izd. 5-oe, perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 464 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

KUZ'MIN, P.A. [The school and agriculture; work practice of schools in Barysh District, Ul'yanovsk Province] Shkola i sel'skoe khoziaistvo; iz opyta raboty shkol Baryshskogo raiona Ul'ianovskoi obl. Pod red. A.E. Stavrovskogo. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 19 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Advanced methods of caring for livestock; a bibliography] Peredovye metody soderzhaniia skota; rekomendatel'nyi spisok literatury. Leningrad, 1956. 21 p.

LISOVSKII, I. V. [Safety engineering in agriculture] Tekhnika bezopasnosti v sel'skom khoziaistve. [Leningrad] Leningradskoe gazetno-zhurnal'noe i knizhnoe izd-vo, 1955. 46 p.
(DA)

LIUBETSKII, P. [Let's give our country more flax] Dadim strane bol'she l'na. [Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955] folder.
(DA)

LONGINOV, N. V. [152 lambs from every 100 ewes] 152 iagnenka ot kazhdykh 100 matok. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 29 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

LUPINOVICH, I.S., and A.I.LAPPO, eds. [Corn; a manual on the cultivation of corn in White Russia] Kukuruza; rukovodstvo po vozdelyvaniiu kukuruzy v BSSR. Minsk, Gos. izd-vo BSSR, 1956. 283 p.
(DA)

LYSKIN, N. F. [Development of the diversified economy of the "Rossiia" Collective Farm; from the practice of the "Rossiia" Collective Farm, Grigoripol', Novo-Aleksandrovsk district, Stavropol Territory] Razvitie mnogootraslevogo khoziaistva kolkhoza "Rossiia"; iz opyta kolkhoza "Rossiia" stanitsy Grigoripolisskoi Novo-Aleksandrovskogo raiona Stavropol'skogo kraia. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 28; also Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 7)

[MACHINES FOR MECHANIZATION OF WORK IN RAISING LIVESTOCK] Mashiny dlia mekhanizatsii rabot v zhivotnovodstve. Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1956. 31 p.

MANAKOV, I. D. [Conditioned reflexes and types of the nervous system in horses] Uslovnye refleksy i tipy nervnoi sistemy u loshadei. Khar'kov, Khar'kovskii gos. univ. im. A. M. Gor'kogo, 1956. 112 p.
(DA)

MARKOV, V.M., and M.A.TIBROVA. [Methods of conducting field experiments with vegetables] Metodika polevykh opytov s ovoshchnymi kul'turami. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 103 p.

MARTYSHEV, P.I. [Work honorably on the collective farm] Chestno trudit'sia v kolkhoze. [Kuibyshev] Kuibyshevskoe kn-vo, 1955. 23 p.
(DA)

MATSEPURO, M. E. [Productive application of Academician V. P. Goriachkin's teachings in research on the mechanization of agriculture] Tvorcheskoe primenenie uchenila akademika V. P. Goriachkina v nauchnykh issledovaniiakh po mekhanizatsii sel'skogo khoziaistva. Minsk, Izd-vo Akademii nauk BSSR, 1956. 207 p.

MEL'NIKOVA, N. L. [How to raise cabbage] Kak vyrastit' kapustu. Moskva, Ministerstvo prosveshchenila RSFSR, 1954. 13 p. (Shkol'naia biblioteka. M-48)
(DA)

METLITSKII, Z.A. [Cultivation practices in fruit culture] Agrotekhnika plodovykh kul'tur. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 455 p.
(DA)

MIKHEEV, N.M. [Bibliographical indexes of agricultural literature (1783-1954)] Bibliograficheskie ukazateli sel'skokhoziaistvennoi literatury (1783-1954 gody). Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 101 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA.. Ivan Vladimirovich Michurin. Moskva, 1955. 10 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Fruit culture" pavilion; a guidebook] Pavil'on "Sadovodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [Growing potatoes, vegetables, melons, and squashes (demonstration plots); a guidebook] Kartofel', ovoshchnye i bakhchevye kul'tury uchastok eksponatnykh posadok i posevov); putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.
(DA)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KORMOV. [Meadow and pasture manual] Spravochnik po senokosam i pastbishcham. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 703 p.
(DA)

MOSOLOV, V.P. [Works; in five volumes] Sochinenila; v piati tomakh. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 5. [Papers and articles on cultivation practices and plant growing] Otdel'nye raboty i stat'i po agrotekhnike i rastenievodstvu. 1955. 767 p.

MOZGOV, I.E. [Veterinary prescription writing] Veterinarnaia retseptura. Izd. 3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 285 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

NAZAROV, G.S. [Skin diseases of domestic animals and their treatment] Kozhnye bolezni domashnikh zhivotnykh i ikh lechenie. [Saratov] Saratovskoe kn-vo, 1955. 82p.
(DA)

[THE NEW PLANNING SYSTEM IN ACTION] Novyi poriadok planirovaniia v deistvii. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 331 p.

NOVIKOV, A.G. [Succulent feed for cows] Sochnye korma v ratsione korov. [Gor'kii] Gor'kovskoe kn-vo, 1953. 53 p.
(DA)

ORLOVSKII, K.P. [Every collective farm can be like this one] Takim mozhet stat' kazhdyi kolkhoz. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 109 p.

OSAD'KO, M.P. [Agricultural artels under modern conditions of development] Sel'skokhoziaistvennala artel' v sovremennykh usloviiakh ee razvitiia. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 5)

OS'KIN, A.L., and A.I.BUDKO. [Over-all mechanization of harvesting in the Kuban] Kompleksnaia mekhanizatsiia uborki na Kubani. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 157 p. (Peredovoi opyt v sel'skom khoziaistve)

OVCHINNIKOV, M.A. [High wool clip; work practice of a brigade under V.N. Kovalev, senior shepherd of the "Proletarii" Collective Farm, Zimovnikov District] Vysokie nastrigi shersti; opyt raboty brigady V.N. Kovaleva, starshego chabana kolkhoza "Proletarii", Zimovnikovskogo raiona. Rostov-na-Donu, Rostovskoe kn-vo, 1954. 29 p.
(DA)

OVODOV, V.S. [Examples of calculations for the rural water supply and sewerage] Primery rashchetov po sel'skokhoziaistvennomu vodosnabzheniiu i kanalizatsii. Moskva, Gos. izd-vo selkhoz lit-ry, 1955. 303 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

PADALKO, N.V. [Practical work on the school experimental plot (6th grade); manual for secondary school teachers] Prakticheskie zaniatiia na shkol'nom uchebno-opytnom uchastke (VI klass); posobie dlia uchitelei srednei shkoly. Moskva, Gos. uchebno-pedagog. izdvo Ministerstva prosveshchenila RSFSR, 1956. 149 p.
(DA)

PEIVE, IA. V. [Trace elements in the service of agriculture] Mikroelementy - na sluzhbu sel'skomu khoziaistvu. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 30)

PETUKHOV, V.M. [Collective farm forestory; progressive practices in growing shelterbelts] Kolkhoznye lesovody; peredovoi opyt vyrashchivaniia polezashchitnykh lesnykh polos. Rostov-na-Donu, Rostovskoe kn-vo, 1953. 31 p. (Biblioteka kolkhoznika)
(CU)

POKROVSKII, V.S. [Take care of furs] Beregi pushninu. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 62 p. (Biblioteka voennogo okhotnika)

POLYKOVSKII, M.D., and V.A. ALIKAEV. [Lung diseases in sheep] Legochnye zabolevaniia ovets. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 71 p.
(DA)

POTOTSKII, M.G. [Over-all mechanization of livestock farms] Kompleksnaia mekhanizatsiia zhivotnovodcheskikh ferm. Frunze, Kirgizskoe gos. izd-vo, 1955. 51 p.
(DA)

[POULTRY RAISING] Ptitsevodstvo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 630 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
(DA)

[PUBLICIZING THE NATURAL SCIENCES IN CONNECTION WITH PRACTICAL PROBLEMS IN AGRICULture] Propaganda estestvennonauchnykh znanii v sviazi s prakticheskimi zadachami sel'skogo khoziaistva. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 158 p. (Biblioteka sel'skogo klubnogo rabotnika)

RAZIN, N. [Local varieties of high-yielding clover of Kalinin Province] Staromestnye vysokourozhainye klevera Kalininskoi oblasti. Kalinin, Obl. kn-vo, 1953. 30 p.
(DA)

[REFERENCE MANUAL FOR CHAIRMEN OF COLLECTIVE FARMS] Spravochnik predsedatelia kolkhoza. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 1. 1956. 702 p.
Vol. 2. 1956. 919 p.

REIZIN, E.K. [Student assignments in beekeeping] Zaniatiia uchashchikhsia po pchelovodstvu. Pod red. N. L. Sokolova. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 36 p. (Pedagogicheskie chteniia)
(DA)

RIABININ, B.S. [The amateur dog breeder; advice to beginners] Liubitel'-sobakovod; sovety nachinaiushchemu. Molotov, Molotovskoe kn-vo, 1955. 150 p.

RUBILIN, E.V. [Soils of the foot hills and piedmont plains of Northern Ossetia; origin, characteristics and economic use] Pochvy predgorii i predgornykh ravnin Severnoi Osetii; proiskhozhdenie, svoistva i khoziaistvennoe ispol'zovanie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 229 p.

RUDAKOV, I.I. [Great opening theme] Bol'shoi zapev. Rostov-na-Donu, Rostovskoe kn-vo, 1953. 27 p. (Biblioteka kolkhoznika)
(CU)

RYZHOV, S.N. [Methods for determining the physical properties of soils] Metody opredeleniia fizicheskikh svoistv pochv. Tashkent, 1951. 47 p.
(DA)

SATIN, I.S. [Lowering the production unit cost on collective farms] Snizhenie zatrat na edinitsu kolkhoznoi produktsii. [Moskva] Moskovskii rabochii, 1956. 70 p.

SELIFONOV, S.A. [School experimental plot] Prishkol'nyi uchebno-opytnyi uchastok. Izd. 2-oe, , poror. i dop. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1953. 250 p.
(DA)

SHABANOVA V.E. [Science and technology in our country's fields; a discussion of books] Nauka i tekhnika na poliakh nashei strany; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 19 p. (Za vonye uspekhi v shestoi piatiletke)

SHUMILENKO, E.P. [Diseases of potatoes and ways of combating them] Bolezni kartofelia i mory bor'by s nimi. Sverdlovsk, Akademiia nauk SSSR, Ural'skii filial, 1956. 41 p.
(DA)

SMIRNOV, N. M. [Apple trees] IAblonia. [Moskva] Moskovskii rabochii, 1956. 151 p. (DA)

SMIRNOV, P. Z. [Green fodder plan] Zelenyi konveier. [Saratov] Saratovskoe kn-vo, 1954. 41 p. (DA)

STANKEVICH, V.S., and P.R. RUBIN. [Drainage and reclamation of swamps and marshy land] Osushenie i osvoenie bolot i zabolochennykh zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 77 p. (DA)

STEBUT, I.A. [Selected work; in two volumes] Izbrannye sochineniia; v dvukh tomakh. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 1. [Principles of field crop cultivation] Osnovy polevoi kul'tury. 1956. 791 p.

SUMTSOV, A.S. [Fire prevention at harvest time] Pozharnaia profilaktika vo vremia uborki urozhaia. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 45 p.

SUS, N.I., ed. [Land improvement through afforestation] Agrolesomelioratsiia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 510 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

SUSHKO, A. G. [Let us produce an abundance of agricultural products; a discussion of books] Sozdadim obilie sel'skokhoziaistvennykh produktov; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 10 p. (Za novye uspekhi v shestoi piatiletke)

TARASENKO, M.T. [Rejuvenation of a variety] Obnovlenie sorta. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 206 p.

TARASOVA, A. A. [Peat compost] Torfianye komposty. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 87 p. (DA)

TASHKENT, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KHLOPKOVODSTVA. TSentral'naia spravochnaia biblioteka. [Cotton growing on irrigated lands; bibliography for 1954] Khlopkovodstvo na polivnykh zemliakh; ukazatel' literatury za 1954 god. Tashkent.
Pt. 1. 1955. 52 p.
Pt. 2. 1955. 39 p.

TASHKENT. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KHLOPKOVODSTVA. TSentral'naia spravochnaia biblioteka. [Cotton growing on irrigated lands; bibliography for 1955] Khlopkovodstvo na polivnykh zemliakh; ukazatel' literatury za 1955 god. Tashkent.
Pt. 1. 1955. 61 p.
Pt. 2. 1956. 48 p.

TERENOZHKIN, I. I. [How to improve pastures and meadows in the southeast] Kak uluchshit' pastbishcha i senokosy na IUgo-Vostoke. [Saratov] Saratovskoe kn-vo, 1956. 68 p. (DA)

TOLKACHEV, A.K., and M.A. SINELOBOV. [Innovations in the tapping of pine and spruce] Novoe v podsochke sosny i eli. Moskva, Goslesbumizdat, 1956. 61 p.

TRILENKO, P.A. [Diagnosis of infectious abortion in cattle] Diagnostika infektsionnykh abortov krupnogo rogatogo skota. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 286 p. (DA)

TROITSKII, F.A. [Veterinary obstetrics, gynecology and artificial insemination of animals] Veterinarnoe akusherstvo, ginekologiia i iskusstvennoe osemenenie zhivotnykh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 367 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)

TRULEVICH, V. K. [Vegetable gardening in the Far North] Ovoshchevodstvo na krainem Severe. Moskva, Gos. izd-vo selkhoz lit-ry, 1956. 293 p. (DA)

TUSHINA, K. IA. [Let us increase the number of sheep] Uvelichim pogolov'e ovets. [Gor'kii] Gor'kovskoe kn-vo, 1954. 36 p. (DA)

UKRAINSKII GOSUDARSTVENNYI INSTITUT PROEKTIROVANIIA SEL'SKOGO I KOLKHOZNOGO STROITEL'STVA. [Hog fattening barn for 300 head built of precast concrete elements produced on collective farms (with built-up roof). Standard plan no. 215] Svinarnik-otkormochnik na 300 golov iz sbornykh zhelezobetonnykh konstruktsii, izgotovliaemykh v kolkhozakh (s sovmeshchennym pokrytiem). Tipovoi proekt No. 215. Kiev, Izdatel'skii otdel, 1955. 17 p., 62 plans. (DA)

[USE AND IMPROVEMENT OF HAY FIELDS AND PASTURES; a collection of articles from foreign periodical literature] Ispol'zovanie i uluchshenie senokosov i pastbishch; sbornik perevodov iz inostrannoi periodicheskoi literatury. Otv. red. T. A. Raboinov. Moskva, Izd-vo inostrannoi lit-ry, 1956. 474 p. (DA)

VERZILIN, N.M., and others. [Working with pupils on school experimental plots] Metodika raboty s uchashchimisia na shkol'nom uchebno-opytnom uchastke. Pod red. N.M.Verzilina. [Moskva] Izd-vo Akademii pedagog. nauk RSFSR, 1956. 665 p. (DA)

VINNICHENKO, E. F., and others. [Bringing wild grasses into cultivation] Vvedenie v kul'turu dikorastushchikh trav. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1956. 63 p.

VLASENKO, N.D., and IA.N.FISHMAN. [Mechanization of threshing operations] Mekhanizatsiia rabot na tokakh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 91 p.

VOLOKH, P. P. [Our dairy section] Nasha molochno-tovarnaia ferma. [Saratov] Saratovskoe kn-vo, 1955. 13 p. (Opyt peredovikov sel'skogo khoziaistva) (DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Let us increase the production of potatoes and vegetables; an annotated bibliography] Uvelichim proizvodstvo kartofelia i ovoshchei; annotirovannyi ukazatel' literatury. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 30 p.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I.LENINA. [Methods and results in plant breeding and seed production] Metody i rezul'taty selektsionno-semenovodcheskoi raboty. Pod red. D.A. Dolgushina. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 135 p.

VSESOIUZNAIA KONFERENTSIIA PO PROBLEMAM VETERINARNOI DERMATOLOGII, ARAKHNOLOGII I ENTOMOLOGII, 1st, Moscow, 1954. [Abstracts of reports] Tezisy dokladov (22-26 marta 1954 g.) Moskva, 1954. 237 p. (DA)

ZABORSKII, MIKHAIL. [Hints for the young fisherman] Sovety molodomu rybolovu. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 126 p.

ZYKOVA, E. A. [Increasing early potato productivity] Priemy povysheniia urozhainosti rannego kartofelia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p. (DA)

## 16. TECHNOLOGY

ABRAMOV, LV. [Ferrous metallurgy of the U.S.S.R. in the sixth five-year plan] Chernaia metallurgiia SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 25)

[ACCORDING TO TURNER V. KOLESOV'S METHOD; stories of innovators] Po metodu tokaria V. Kolesova; rasskazy novatorov. [Moskva] Izd-vo VTsSPS Profizdat, 1953. 146 p.

AKADEMIIA NAUK SSSR, Institut avtomatiki i telemekhaniki. [A collection of papers on automatic and remote control; proceedings of the Second and Third Scientific and Technical Conferences of Young Specialists of the Institute of Automatic and Remote Control in the Academy of Sciences of the U.S.S.R.] Sbornik rabot po avtomatike i telemekhanike; trudy vtoroi i tret'ei nauchno-tekhnicheskikh konferentsii molodykh spetsialistov instituta. Moskva, 1956. 287 p.

AKADEMIIA NAUK SSSR. Institut avtomatiki i telemekhaniki. [A collection of papers on automatic control and electric engineering] Sbornik statei po avtomatike i elektrotekhnike. Moskva, 1956. 323 p.

AKADEMIIA NAUK SSSR. Institut kompleksnykh transportnykh problem. [Problems of standardization of bridge installations] Voprosy tipizatsii mostovykh sooruzhenii; sbornik. Moskva.
Vol. 2. [Standard solutions of problems in bridging broad streams for transportation purposes] Tipovye resheniia transportnykh peresechenii shirokikh vodotokov. 1956. 154 p.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Komissiia po istorii tekhniki. [Mining and metallurgical industry in the Urals at the end of the 18th century and the beginning of the 19th; a collection of documents] Gornozavodskaia promyshlennost' Urala na rubezhe XVIII-XIX vv.; sbornik dokumental'nykh materialov. Sverdlovsk, 1956. 297 p.

AKSENOV, N. P. [Foundry equipment] Oborudovanie liteinykh tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1946. 551 p.

ALESHIN, M. I. [Labor protection in coal mines] Okhrana truda v ugol'nykh shakhtakh. [Moskva] Izd-vo VTsSPS, 1956. 109 p.

AMELIN, A. G. [Production of sulfuric acid] Proizvodstvo sernoi kisloty. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 363 p.

ANTROPOV, P.IA. [Our country's mineral wealth] Bogatstva nashei Rodiny. Moskva, Gos. izd-vo polit. lit-ry, 1956. 94 p.

APARIN, G.A., and L.E.GORODETSKII. [Tolerance and technical measuring] Dopuski i tekhnicheskie izmereniia. Izd. 4-oe, ispr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 734 p.

ASHKENAZI, K. M., and B. G. ZALEGALLER. [Lumbering machinery and equipment] Mashiny i oborudovanie lesorazrabotok. Moskva, Goslesbumizdat, 1956. 442 p.

ASHRABOV, O. [Building materials] Binokorlik materiallari. Toshkent, Uzbekiston SSR davlat nashrieti, 1956. 31 p. [In Uzbek.]

BABAEV, N.A., and others. [Airplane models; a manual for the first and second years of study] Aviatsionnyi modelizm; uchebnoe posobie dlia pervogo i vtorogo godov obucheniia. Pod obshchei red. E.B.Mikirtumova. Moskva, Izd-vo DOSAAF, 1956. 294 p.

BABAT, G.I. [High frequency currents] Toki vysokoi chastoty. Moskva, Izd-vo "Znanie," 1956. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 29)

BAIKOV, T. P., and others. [Agricultural machinery and spare parts; a reference manual] Sel'skokhoziaistvennye mashiny i zapasnye chasti k nim; spravochnik. Izd. 3-e, ispr. i dop. Pod red. P. M. Safronova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 1. [Machines for tilling, sowing and planting, mechanization of livestock farms, for the protection of plants from pests and primary processing of industrial crops] Mashiny dlia obrabotki pochvy, poseva i posadki, mekhanizatsii zhivotnovodstva, dlia zashchity rastenii ot vreditelei i pervichnoi obrabotki tekhnicheskikh kul'tur. 1956. 706 p.

BARDAKH, I. M., and L. V. TROITSKII. [Amateurs' television sets] Liubitel'skie televizory. Moskva, Gos. energ. izd-vo, 1951. 119 p. (Massovaia radiobiblioteka, no. 90)
[MICROFILM]

BEEV, D.A., T.K.GOLUTVINA, and P.P.SOKOLOV. [Mechanization of the repairing of passenger cars; experience of car repairing plants and depots] Mekhanizatsiia rabot pri remonte passazhirskikh vagonov; opyt vagonoremontnykh zavodov i depo. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 179 p.

BELAVIN, O.V. [Air navigation by radio] Radiotekhnicheskie sredstva samoletovozhdeniia. Moskva, Gos. izd-vo obor. promyshl., 1956. 219 p.

BELIANKIN, F. P. [The strength of wood cut with the grain] Prochnost' drevesiny pri skalyvanii vdol' volokon. Kiev, Izd-vo Akademii nauk USSR, 1955. 136 p.

BLIZNIAK, E. V. [Hydraulic engineering survey] Gidrotekhnicheskie izyskaniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 267 p.

BOLDAKOV, E.V., and O.V.ANDREEV. [Bridging waterways] Perekhody cherez vodotoki. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 404 p.

BOLOTIN, KH. L., and F.P.KOSTROMIN. [Machine-tool attachments; design and calculation] Stanochnye prisposobleniia; konstruirovanie i raschet. Izd. 4-e, perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 315 p.

BRAUN, M.P., G.L.KURUKLIS, and M.T.DURDO. [Inoculated high-speed steel] Modifitsirovannaia bystrorezhushchaia stal'. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 130 p.

BROMBERG, E.M., and others. [Interrelation of track and railroad rolling stock] Vzaimodeistvie puti i podvizhnogo sostava. Pod obshchei red. M.A.Frishmana. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 279 p.

BUCHENKOV, A.N. [Tagged atoms and their use in the national economy; a bibliography] Mechenye atomy i ikh primenenie v narodnom khoziaistve; rekomendatel'nyi obzor literatury. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1956. 12 p. (Novosti tekhniki, no. 4)

[BUILDING OF CONDUITS AND BRIDGES FOR AUTOMOBILE ROADS; a collection of articles] Stroitel'stvo trub i mostov na avtomobil'nykh dorogakh; sbornik statei. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 50 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

BYKOV, P.B. [A frank conversation] Otkrovennyi razgovor. [Moskva] Moskovskii rabochii, 1956. 118 p.

CHUPAKHIN, V.M. [Manufacturing of tin containers] Proizvodstvo zhestianoi konservnoi tary. Moskva, Pishchepromizdat, 1956. 363 p.

COPE, S.G. [Heat treatment of high speed steel. Translated from the English] Termicheskaia obrabotka bystrorezhushchei stali. Perevod s angliiskogo K.A.Malininoi. Pod red. A.P.Gulíaeva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 119 p.

DARKOV, A.V., and V.I.KUZNETSOV. [Structural mechanics; the statics of structures] Stroitel'naia mekhanika; statika sooruzhenii. Izd. 5-oe, perer. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 492 p.

DIDKOVSKII, D.Z., and others. [Manual for the skilled worker in open-cut coal mines] Spravochnik gornogo mastera ugol'nykh kar'erov. Izd. 2-oe, ispr. i perer. Moskva, Ugletekhizdat, 1956. 372 p.

DOBROVOL'SKII, V.A., and L.B.ERLIKH. [Basic principles in the design of modern machinery] Osnovnye printsipy konstruirovaniia sovremennykh mashin. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 107 p. (Biblioteka konstruktora)

DOKUKIN, A.V. [Automatization in coal mines] Avtomatizatsiia na ugol'nykh shakhtakh. Moskva, Ugletekhizdat, 1956. 84 p.

DRACHEV, S.M. [Reservoirs and canals as sources of water supply for manufacturing and domestic purposes] Vodokhranilishcha i kanały kak istochniki khoziaistvenno-pit'evogo vodosnabzhenila. Moskva, Gos. izd-vo med. lit-ry, 1956. 254 p. (Biblioteka sanitarnogo vracha i epidemiologa) (DAFM)

EIDEL'S, L.M. [Equipment for lessons in mechanical drawing and extracurricular work; a manual for teachers] Oborudovanie urokov cherchenila i vneklassnaia rabota; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 79 p.

FEDENIUK, V.G. [Methods of gluing parts of sewn goods] Metody kleevogo soedinenila detalei shveinykh izdelii. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 89 p.

FEODOS'EV, V.L., and G.B.SINIAREV. [Introduction to rocket engineering] Vvedenie v raketnuiu tekhniku. Moskva, Gos. izd-vo oborr. promyshl., 1956. 375 p.

FISHMAN, M.A. [Principles of ore dressing] Osnovy obogashchenila poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 279 p.

FOMIN, I.I., and A.V.KRASNICHENKO. [Manual for the "Stalinets-6" combine] Rukovodstvo po kombainu "Stalinets-6." Izd. 3-e, ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 217 p.

GALAKTIONOV, A.T. [Aid to the welder of the machine-tractor station] V pomoshch' svarshchiku MTS. Moskva, Mashgiz, 1956. 123 p. (Biblioteka mekhanizatora sel'skogo khoziaistva) (DA)

GENRITSY, G.E., and L.F. CHURSINA. [The building of the simplest kinds of wooden bridges] Stroitel'stvo prosteishikh dereviannykh mostov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 68 p. (Biblioteka stroitelia mestnykh dorog)

GINBERG, A.M. [Electroplating] Gal'vanotekhnika. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 186 p.

GINZBURG, TS.G. [Plastification additives in concrete used in hydraulic engineering] Plastifitsirufushchie dobavki v gidrotekhnicheskom betone. Moskva, Gos. energ. izd-vo, 1956. 143 p.

GRANSKII, V.I. [What a mechanic-fitter should read to improve his qualifications; a bibliography] Chto chitat' slesariu-sborshchiku dlia povysheniia kvalifikatsii; rekomendatel'nyi ukazatel' literatury. Pod red. V.IU. Ozolina. Leningrad, Gos. publichnaia biblioteka im. M.E. Saltukova-Shchedrina, 1956. 36 p.

GRANSKII, V.I. [What a tool maker should read to improve his qualifications; a bibliography] Chto chitat' slesariu-instrumental'shchiku dlia povysheniia kvalifikatsii; rekomendatel'nyi ukazatel' literatury. Pod red. N.I. Dumchenko. Leningrad, Gos. publichnaia biblioteka im. M.E. Saltykova-Shchedrina, 1956. 54 p.

GRODNEV, I.I., R.M.LAKERNIK, and D.L.SHARLE. [Fundamentals of the theory and the production of communication cables] Osnovy teorii i proizvodstvo kabelei sviazi. Moskva, Gos. energ. izd-vo, 1956. 480 p.

IAKOVLEV, V.V. [Ultrashort-wave measuring instruments] Ul'trakorotkovolnovye izmeritel'nye pribory. Moskva, Gos. energ. izd-vo, 1956. 30 p. (Massovaia radiobiblioteka, no. 251)

[INNOVATIONS IN THE WORK OF PUBLIC EATING ESTABLISHMENTS] Novoe v rabote predpriiatii obshchestvennogo pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 90 p.

IOFFE, A.F., and others. [Thermoelectric refrigeration] Termoelektricheskoe okhlazhdenie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 107 p.

IVANOV, V.F. [Wooden structures] Dereviannye konstruktsii. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 316 p.

KABATIANSKII, KH.S. [Labor productivity analysis and potentialities in coal enterprises] Analiz i rezervy rosta proizvoditel'nosti truda v ugol'noi promyshlennosti. [Moskva] Ugletekhizdat, 1956. 151 p.

KALASHNIKOV, N.A., and E.V.TUMAS. [Tables and graphs for the calculation of plates for automobile bridge runways] Tablitsy i grafiki dlia rascheta plit proezzhei chasti mostov na avtomobil'nuiu nagruzku. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 36 p.

KAPTSOV, N.A. [Electronics] Elektronika. Izd. 2-oe, ispr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 459 p.

KARVATSKII, B.L., and V.M.KAZARINOV. [Automobile brakes] Avtotormoza. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 287 p.

KEL'TSEV, V.V., and P.A. TESNER. [Carbon-black; its properties, production and use] Sazha - svoistva, proizvodstva i primenenie. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1952. 170 p.

KHADZHIKOV, R.N. [Mining machinery; practical work] Gornaia mekhanika; prakticheskie raboty. Moskva, Ugletekhizdat, 1956. 83 p.

KHASHCHINSKII, V.P. [Electrification of the national economy of the U.S.S.R.] Elektrifikatsiia narodnogo khoziaistva SSSR. Leningrad, Ob-vo po rasprostraneniu polit. i nauchn. znanii RSFSR, Leningradskoe otd-nie, 1956. 44 p. (DS)

KHOVANSKII, G.S. [Nomographic calculations in hydraulics] Nomograficheskie raschety v gidravlike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 112 p.

———— [Supplement] nomograms No. 1-107 on 65 l., No. 1-6 on 6 l.

KHRAMOI, A.V. [Historical sketch of the development of automatic control in the U.S.S.R.; prerevolutionary period] Ocherk istorii razvitiia avtomatiki v SSSR; dooktiabr'skii period. Moskva, Izd-vo Akademii nauk SSSR, 1956. 210 p.

KIRSANOV, I.N. [Stationary steam turbines] Statsionarnye parovye turbiny. Moskva, Gos. energ. izd-vo, 1956. 199 p.

KLEMENT'EV, S.D. [Photoelectronic automation in labor protection] Fotoelektronnaia avtomatika v okhrane truda. [Moskva] Izd-vo VTsSPS, 1956. 141 p.

KOLOKOL'NIKOV, V.S. [Reinforced concrete elements and parts] Zhelezobetonnye konstruktsii i detali. Pod red. V.I. Murashova. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 91 p. (Biblioteka molodogo rabochego)

KOMAROV, A.N., and G.I.KOSTROVSKII. [Repair of "Stalinets-60" tractor] Remont traktora "Stalinets-60" Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 383 p.

KOMISSAROV, L.A. [Experience in the electric heating of concrete and reinforced concrete] Opyt primeneniia elektroprogreva betona i zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 70 p.

KOPTEV, I.V. [A theory of overhead lines of communication] Teoriia vozdushnykh linii sviazi. Moskva, Gos. izd-vo lit-ry po voprosam svinzi i radio, 1956. 201 p.

KOROLEV, A.A. [Channels of hydroelectric power stations] Kanały gidroelektricheskikh stantsii. Moskva, Gos. energ. izd-vo, 1956. 175 p.

KORSAKOV, M.I. [Safety engineering for machine-tractor mechanics] Tekhnika bezopasnosti v mashinno-traktornykh masterskikh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 180 p.

KOTOV, O.K. [Efficient methods for the chemical and heat treatment of railroad rolling stock component] Ratsional'nye metody khimiko-termicheskoi obrabotki detalei podvizhnogo sostava. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 67 p.

KOVALEVA, L.D. [Heat engines in the physics course for class 9; a manual for teachers] Teplovye dvigateli v kurse fiziki IX klassa; posobie dlia uchitelei. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 105 p.

KRASHCHINSKII, V.P., and V.A.SHUSTOV. [Electricity and its use in agriculture] Elektrichestvo i ego primenenie v sel'skom khoziaistve. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 164 p. (DA)

KRUGER, M.IA., and B.M.KULIZHNOV. [Designing optical and mechanical instruments] Konstruirovanie optiko-mekhanicheskikh priborov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1946. 218 p.

[MICROFILM]

KRYLOVSKII, N.A., and A.V.TOPCHIIEV. [International exhibition of mine equipment at Paris, 1955] Mezhdunarodnaia vystavka gornogo oborudovanila, Parizh, 1955. Moskva, Ugletekhizdat, 1956. 311 p.

KUBARKIN, L.V., and E.A. LEVITIN. [Radio engineering made interesting] Zanimatel'naia radiotekhnika. Moskva, Gos. energ. izd-vo, 1956. 203 p. (Massovaia radiobiblioteka, no. 249)

KUCHER, I.M., and N.I.SHAVLIUGA. [Automatization of machine tools; a survey of foreign technology] Avtomatizatsiia metallorezhushchikh stankov; obzor zarubezhnoi tekhniki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 168 p.

KUL'BEIKIN, M.P., and A.N. SOKOLOV. [What we learned about the lumber industry in Sweden] Nashe znakomstvo s lesnoi promyshlennosti'iu Shvetsii. Moskva, Goslesbumizdat, 1956. 58 p.

KULEBAKIN, V.S., V.T.MOROZOVSKII, and I.M.SINDEEV. [Production, transformation and distribution of electric power in aircraft] Proizvodstvo, preobrazovanie i raspredelenie elektricheskoi energii na samoletakh. Moskva, Gos. izd-vo obor. promyshl., 1956. 479 p. (Elektrifikatsiia samoletov)

KULIEV, S.M., and R.A.IOANNESIAN. [Experience in drilling deep wells] Opyt bureniia sverkhglubokikh skvazhin, Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 87 p.

KUPFER, M. [Model of the "flying wing" airplane] Model' samoleta "Letaiushchee krylo." Moskva, Izd-vo DOSAAF, 1952. 46 p. (Biblioteka iunogo konstruktora)

LEONT'EVA, T.K. [Lenin's Shatura] Leninskaia Shatura. [Moskva] Moskovskii rabochii, 1956. 100 p.

LEVINSKII, I.V. [Safety manual for operators of lifting slings] Pamiatka po tekhnike bezopasnosti dlia stropal'shchikov. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 35 p. (Tekhnika bezopasnosti)

LEVITSKII, K.I. [Safety measures and fire prevention in public eating enterprises] Tekhnika bezopasnosti i protivopozharnaia tekhnika v predpriiatiiakh obshchestvennogo pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 105 p.

LIAKHNITSKII, V.E., ed. [Port hydrotechnical installations; construction and design] Portovye gidrotekhnicheskie sooruzheniia; konstruirovanie i raschet. Moskva, Izd-vo "Morskoi transport," 1956. 537 p.

LIBERMAN, S.G., and V.P.PETROVSKII. [Manual for the rendering of animal fats] Spravochnik po proizvodstvu zhivotnykh zhirov. Izd. 2-oe, perer. i dop. Moskva, Pishchepromizdat, 1956. 427 p.

LIBIN, L.SH. [Stroboscopes and their use] Stroboscopy i ikh primenenie. Moskva, Gos. energ. izd-vo, 1956. 30 p.

[LIGHTNING PROTECTION FOR BUILDINGS AND INSTALLATIONS] Grozozashchita zdanii i sooruzhenii. Pod red. D.V. Razevига. Moskva, Gos. energ. izd-vo. 1956. 80 p. (Energetika za rubezhom)

LOMACHENKOV, S.E., ed. [The cutting of metals and the cutting tool; abstracts of articles from foreign journals] Rezanie metallov i rezhushchii instrument; referaty statei iz inostrannykh zhurnalov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 195 p. (Obzor zarubezhnoi tekhniki)

LYKOV, A.V. [Heat and mass transfer in drying processes] Teplo- i massoobmen v protsessakh sushki. Moskva, Gos. energ. izd-vo, 1956. 464 p.

MAKHINIA, P.M. [Interior finishing of buildings with plaster board] Vnutrennaia otdelka zdanii sukhoi shtukaturkoi. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p. (Novatory stroitel'noi industrii)

MAKSAREV, IU.E. [The most advanced technology is the basis for improving socialist production] Vysshaia tekhnika - osnova sovershenstvovaniia sotsialisticheskogo proizvodstva. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 32)

[MANUAL FOR LEADERS OF TRACTOR BRIGADES] Spravochnik brigadira traktornoi brigady. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 803 p.

[MANUAL ON COMMUNAL ECONOMY] Spravochnik po kommunal'nomu khoziaistvu. Pod obshchei red. A.E. Stramentova. Kiev, Gos. izd-vo tekhn. lit-ry USSR. Pt. 2. 1956. 822 p.

MARIENGOF, G.D., and A.I.SHUR. [The production of precast reinforced concrete construction elements and parts] Proizvodstvo sbornykh zhelezobetonnykh konstruktsii i detalei. Pod red. B.G. Skramtaeva. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 611 p.

MATALIN, A.A. [Surface quality and service characteristics of machine parts] Kachestvo poverkhnosti i eksploatatsionnye svoistva detalei mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 252 p., illus.

MATVEEV, A.A., and D.M.BORISOV. [Mechanical drawing] Cherchenie. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 219 p.

MIKULIN, G.I., and I.K. POLIAKOV. [Distillation in the production of soda] Destilliatsiia v proizvodstve sody. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 347 p.

MININ, A.A., A.A.POGARSKII, and K.A.CHEFRANOV. [Boring wells without using casing; research and experience in industrial testing] Tekhnika bestrubnogo bureniia skvazhin; issledovaniia i opyt promyshlennykh ispytanii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 145 p.

MOISEENKO, A.S. [Mechanical characteristics of austempered steel] Mekhanicheskie svoistva izotermicheski zakalennoi stali. Kiev, Gos. nauchno-tekhn. izd-vo mashino-stroit. lit-ry, 1956. 130 p.

MOLCHANOVA, N.S. [Power engineering and its role in the national economy; a discussion of books] Energetika i ee rol' v narodnom khoziaistve; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 19 p. (Za novye uspekhi v shestoi piatiletke)

MOSCOW. TSENTRAL'NYI INSTITUT INFORMATSII PO STROITEL'STVU. [Research and demonstration construction of large-panel apartment houses] Opytno-pokazatel'noe stroitel'stvo krupnopanel'nykh zhilykh domov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 71 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PROMYSHLENNYKH SOORUZHENII. [Research in earthquake-proofing of buildings and structures] Issledovaniia po seismostoikosti zdanii i sooruzhenii. Pod red. A.E.Desova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 118 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PROMYSHLENNYKH SOORUZHENII. [Scientific works of the Central Scientific Research Institute of Industrial Construction for 1956; annotated list of published and unpublished works of 1955] Nauchnye raboty TsNIPS za 1955 god; annotirovannyi obzor opublikovannykh i neopublikovannykh rabot za 1955 god. Sost. L.S.Shapiro. Pod red. A.E.Desova. Moskva, 1956. 146 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PROMYSHLENNYKH SOORUZHENII. [Scientific works of the Central Scientific Research Institute of Industrial Construction published during 25 years (1927-1952); an annotated bibliography] Uchenye trudy TsNIPS za 25 let (1927-1952); sbornik annotatsii. Sost. G.S. Tikhomirov. Pod obshchei red. A.E. Desova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1952. 286 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PROMYSHLENNYKH SOORUZHENII. [Studies on steel structures] Issledovaniia po stal'nym konstruktsiiam. Pod red. V.A.Baldina. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture. 1956. 210 p.

MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Brief instructions on the survey of mineral deposits and the collection of rocks for rare and dispersed elements] Kratkie instruktivnye ukazaniia po rovizii mestorozhdenii poleznykh iskopaemykh i kollektsii kamennykh materialov na redkie i rasseiannye elementy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 54 p.

MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO STROITEL'STVU. [Provisional instructions for the selection of concrete resistant to aggressive media] Vremennaia instruktsiia po vyboru betonov, stoikikh v agressivnykh sredakh. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 49 p.

MOSHCHANSKII, N.A. [Today's building materials and tomorrow's] Stroitel'nye materialy segodniashnego i zavtrashnego dnia. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 31)

NALCHAN, A.G. [Machine tools] Metallorezhushchie stanki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 664 p.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO STROITEL'NOI PROMYSHLENNOSTI SSSR. [Studies in the strength and deformation characteristics of wood; a collection of articles] Issledovaniia prochnosti i deformativnosti drevesiny; sbornik statei. Pod red. G.G. Karlsena. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 171 p.

NECHAEV, N.V. [Mining and metallurgical schools of the Urals; the history of professional and technical education in Russia] Gornozavodskie shkoly Urala; k istorii professional'no-tekhnicheskogo obrazovaniia v Rossii. Pod red. A.M. Pankratovoi. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 205 p.

NIKITIN, L.I. [Fundamentals of safety engineering in the wood industry] Osnovy tekhniki bezopasnosti v lesnoi promyshlennosti i lesnom khoziaistve. Moskva, Goslesbumizdat, 1956. 320 p.

NIKITIN, V.P.[Principles of a theory of transformers and generators for arc welding] Osnovy teorii transformatorov i generatorov dlia dugovoi svarki. Moskva, Izd-vo Akademii nauk SSSR, 1956. 237 p.

NIKOLAEV, A.I. [House construction in the sixth five-year plan] Zhilishchnoe stroitel'stvo v shestoi piatiletke. Moskva, Gos. izd-vo polit. lit-ry, 1956. 95 p.

NIKOLAICHIK, N.P. [Increasing the durability of cast iron casting molds] Povyshenie stoikosti chugunnykh izlozhnits. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 235 p.

NIZE, V.E. [Automatization and dispatching in water supply systems] Avtomatizatsiia i dispetcherizatsiia sistem vodosnabzheniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 241 p.

NOSOV, N.A., G.I.TSIUPKO, and V.I.PETLIUK. [Flying a single-seater plane] Vozhdenie odnomestnogo samoleta. Pod red. G.A.Babai. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 247 p.

NOVIKOV, B.P. [Precast reinforced concrete passenger and freight platforms] Sbornye zhelezobetonnye passazhirskie i gruzovye platformy. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 43 p.

OSIPOV, V.T. [Routing the transportation of grain and agricultural machinery] Marshrutizatsiia perevozok zerna i sel'skokhoziaistvennykh mashin. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 30 p. (DA)

OSTOSLAVSKII, I.V., and V.M. TITOV. [Aerodynamical computations for aircraft] Aerodinamicheskii raschet samoleta. Moskva, Oborongiz, Glavnaia red. aviatsionnoi lit-ry, 1947. 354 p. [MICROFILM]

PANIN, I.D. [Efficient founding; the experience of the "Sibsel'mash" plant] Ratsionalizatsiia liteinogo proizvodstva; iz opyta "Sibsel'masha." Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 47 p. (Obmen tekhnicheskim opytom)

PANKOV, M.I. [Work of the model airplane club] Rabota aviamodel'nogo kruzhka. Moskva, Redizdat TsS Soiuza osoaviakhim SSSR, 1947. 125 p. [MICROFILM]

PENTKOVSKII, N.I., S.I.RAIKHINSHTEIN, and L.D.BOGUSLAVSKII. [Organization and planning of construction and assembly work in establishing heat and gas supply and ventilation] Organizatsiia i planirovanie stroitel'no-montazhnykh rabot po teplo-gazosnabzheniiu i ventiliatsii. Pod red. D.L.Poliakova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 203 p.

PEREGUD, M.S. [Planning the relief of airfields; theory and method] Proektirovanie rel'efa letnykh polei; teoriia i metody. Moskva, Voen. izd-vo Ministerstva vooruzhennykh sil SSSR, 1947. 95 p.

PETROV, G.N. [Electric machines; in three parts] Elektricheskie mashiny; v trekh chastiakh. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo.
Pt. 1. [Introduction. Transformers] Vvedenie. Transformatory. 1956. 224 p.

PETROV, M.A. [How we organized continuous repair of trolley cars; work practice of the Sokolnikov car repairing factory in Moscow] Kak my organizovali potochnyi remont tramvainykh vagonov; iz opyta raboty Sokol'nicheskogo vagonoremontnogo zavoda g. Moskvy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1950. 66 p.

PETROV, N.S. [Machines and mechanized tools for the finishing work in building] Mashiny i mekhanizirovannye instrumenty dlia stroitel'nykh rabot. Izd. 2-oe, dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 287 p.

POLIANSKII, A.P., and IU.P.KOROTAEV. [Exploitation of gas wells; a practical manual] Ekspluatatsiia gazovykh skvazhin; prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 230 p.

POLONSKAIA, D.IA. [Petrography and facies characteristics of Devonian deposits of the Kuibyshev region of the Volga Valley] Petrografiia i fatsial'nye osobennosti devonskikh otlozhenii Kuibyshevskogo Povolzh'ia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 134 p.

POLTORATSKII, N.G. [Inspection of machine tools; a handbook] Priemka metallorezhushchikh stankov; spravochnoe rukovodstvo. Izd. 2-oe, dop. Pod red. N.S.Acherkana. Moskva, Vneshtorgizdat, 1956. 599 p.

PONOMAREV, I.P. [Mine construction in Chelyabinsk Basin conditions] Stroitel'stvo shakht v usloviiakh Cheliabinskogo basseina. Moskva, Ugletekhizdat, 1956. 122 p.

PONOMAREVA, M.P. [Instruments for measuring hole deviation] Pribory dlia izmereniia krivizny skvazhin. Moskva, Ugletekhizdat, 1956. 34 p.

POPOV, V.I. [Earth work in rural construction] Zemlianye raboty v sel'skom stroitel'stve. Moskva, Gos. izd-vo po stroit. i arkhitekture, 1956. 76 p. (V pomoshch' sel'skomu stroiteliu)

POPOV, V.S., N.N.MANSUROV, and S.A.NIKOLAEV. [Electric engineering] Elektrotekhnika. Izd. 5-oe, ispr. Moskva, Gos. energ. izd-vo, 1956. 350 p.

PRIANISHNIKOV, V.P. [Quartz glass] Kvartsevoe steklo. Pod red. A.S.Sokolova. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 79 p.

PROBER, P.V. [Manufacture of wall and decorative paper] Proizvodstvo oboev i dekorativnykh bumag. Moskva, Goslesbumizdat, 1956. 246 p.

PUGACHEV, A.S. [The cutting out of sheet metal construction elements] Razvertki elementov listovykh konstruktsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 215 p.

RABINOVICH, E.A., and V.D.SURGUCHEV. [A collection of problems in general electric engineering] Sbornik zadach po obshchei elektrotekhnike. Moskva, Gos.energ.izd-vo, 1956. 167 p.

RAKOV, V.A., and P.K. PONOMARENKO. [Electric locomotives] Elektrovoz. Izd.5-oe, perer. Moskva, Gos.transp.zhel-dor.izd-vo, 1956. 627 p.

ROZENFEL'D, E.I. [Filtration of harmonics in short-wave transmitters] Fil'tratsiia garmonik korotkovolnovykh peredatchikov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 42 p. (Lektsii po tekhnike sviazi)

[RURAL ELECTRIFICATION] Sel'skaia elektrifikatsiia. [Moskva] Moskovskii rabochii, 1956. 133 p.

RUSAKOVA, S.M. [Equipment of sewing enterprises] Oborudovanie shveinykh predpriiatii. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1956. 262 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh mas-

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 37-55 for determining the capacity and calibration of stationary vertical reservoirs for petroleum products] Instruktsiia 37-55 po opredeleniiu vmestimosti i kalibrovke statsionarnykh vertikal'nykh rezervuarov dlia nefteproduktov. Izd. ofitsial'noe. Moskva, 1956. 30 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo chernoi metallurgii. TSentral'naia nauchno-tekhnicheskaia biblioteka. Otdel rukovodstva sel'iu. [Bibliography on ferrous metallurgy; books in Russian published in the first quarter of 1956] Ukazatel' literatury po chernoi metallurgii; knigi na russkom iazyke, vyshedshie v pervom kvartale 1956 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 22 p. (V pomoshch' komplektovaniia tekhnicheskikh bibliotek)

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. [Bratsk Hydroelectric Power Station] Bratskaia gidroelektrostantsiia. [Moskva] Gosenergoizdat, 1956. 11 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. [Development of Soviet hydroelectric power] Razvitie gidroenergetiki SSSR. [Moskva] Gosenergoizdat, 1956. 11 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. [Experimental industrial transmission of 200 kilovolt direct current from Kashira to Moscow] Opytno-promyshlennaia elektroperedacha postoiannogo toka 200 kv Kashira - Moskva. Moskva, Gos. energ. izd-vo, 1956. 10 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. [Kuybyshev Hydroelectric Power Station on the Volga] Kuibyshevskaia gidroelektrostantsiia na r. Volge. [Moskva] Gosenergoizdat, 1956. 13 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. Nauchno-tekhnicheskii sovet. [Improving the quality of wall cementing; papers of the All-Union Technical Conference] Povyshenie kachestva tsementirovaniia skvazhin; materialy Vsesoiuznogo tekhnicheskogo soveshchaniia. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 93 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. Nauchno-tekhnicheskii sovet. [Improving the technique of oil well pumping; based on data from the session of the Engineering Council] Usovershenstvovanie tekhniki nasosnoi ekspluatatsii neftianykh skvazhin; po materialam sessii Tekhnicheskogo soveta. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1954. 280 p.

[MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [A guide for the electrician and wireman of the automatic railroad signal block system] Rukovodstvo elektromekhaniku i monteru avtoblokirovki. Izd. 4-oe, perer. i dop. Moskva, Gos. transp. zheldor. izd-vo, 1956. 303 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriiatii neftianoi promyshlennosti. [Instructions for installation and use of protective apparatus for shielding underground pipelines from corrosion] Instruktsiia po ustroistvu ekspluatatsii protektornykh ustanovok dlia zashchity podzemnykh truboprovodov ot korrozii. Moskva, TSentral'nyi nauchno-issledovatel'skii institut tekhnicheskoi informatsii i ekon. neftianoi promyshl., 1956. 23 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo sviazi. [Interdepartmental norms and estimates for construction and installation work] Mezhduvedomstvennye normy i rastsenki na stroitel'nye i montazhnye raboty. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture. Sec. 63. [Building communication cables] Kabel'nye sooruzheniia sviazi. 1956. 106 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo tiazhelogo mashinostroeniia. [Catalog of wholesale prices for steam turbines, hydraulic turbines, turbo-compressors, and turbine pumps; decree of the Soviet of Ministers of the U.S.S.R., no.5633 of December 27, 1949; effective January 1, 1950] Preiskurant optovykh tsen na turbiny parovye, gidroturbiny, turbokompressornye mashiny i turbonasosy; utverzhden Postanovleniem Soveta Ministrov SSSR no. 5633 ot 27 dekabria 1949 g. Vvoditsia v deistvie s 1 ianvaria 1950 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1949. 93 p.

[MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo torgovli. [A collection of recipes for workers' and students' diets] Sbornik retseptur blud dlia pitaniia rabochikh i studentov. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 607 p.

RUTSKII, A.I., ed. [Manual for the rural electrician] V pomoshch' sel'skomu elektromontеru. Minsk, Gos. izd-vo BSSR, 1956. 200 p.

RUZIN, B.V. [Technical and economic evaluation of rural dwellings] Tekhniko-ekonomicheskaia otsenka proektov sel'skikh zhilykh domov. Izd. 2-e, Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 57 p.

RYBAKIN, S.V., IU.M.PONOMAREV, and N.S.KHESIN. [The manufacture of cast iron utensils] Proizvodstvo chugunnoi posudy. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 158 p.

RYBAKOV, V.V. [Gas welder's manual] Uchebnik gazosvarshchika. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 141 p.

ŠADOVSKII, V.D., ed. [Problems in physical metallurgy and heat treatment of metals; a collection of articles] Problemy metallovedeniia i termicheskoi obrabotki, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 220 p.

SAMOILOVICH, G.G. [The use of aviation and aerial photography in forestry; forestry aviation and aerial photography] Primenenie aviatsii i aerofotos"emki v lesnom khoziaistve; lesnaia aviatsiia i aerofotos"emka. Moskva, Goslesbumizdat, 1953. 476 p.

SAZHIN, L.I. [Current supply for stationary motion-picture installations] Elektropitanie statsionarnykh kinoustanovok. Moskva, Gos. izd-vo "Iskusstvo," 1956. 192 p. (Biblioteka kinomekhanika)

SEMENIUK, I.M., V.A.BASARGIN, and L.S.GONCHAR. [Repair of grain combines] Remont zernovykh kombainov. Izd. 2-oe, ispr. i perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 271 p.

SERGEEV, M.A. [Increasing the labor productivity of mechanics and fitters] Povyshenie proizvoditel'nosti truda pri slesarnykh i sborochnykh rabotakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 287 p.

SHERENTSIS, A.A. [Unification of construction plans for apartment houses and public buildings in large scale building operations] Unifikatsiia konstruktivnykh skhem zhilykh i obshchestvennykh zdanii massovogo stroitel'stva; nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 61 p.

SHERSHEN', A.I. [Aerial photographic surveying; mapping process] Aerofotos"emka; kontrol'no-izmeritel'nyi protsess. Moskva, Izd-vo geodezicheskoi i kartograficheskoi lit-ry, 1949. 251 p.

SHERSHNEV, E.G. [Resources of the entire organized group] Silami vsego kollektiva. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 30 p. (Rasskazy novatorov)

SHKLOVER, A.M., D.F.VASIL'EV, and F.V.USHKOV. [Principles of heat engineering as applied to construction] Osnovy stroitel'noi teplotekhniki zhilykh i obshchestvennykh zdanii. Moskva, Izd-vo lit-ry po stroit. i arkhitekture, 1956. 349 p.

ŠIPAGIN, A.I. [Antifriction alloys] Antifrikcionnye splavy. Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, 1956. 320 p.

SHTURMAN, A.A. [Technology of pressing parts from thermosetting plastic materials] Tekhnologiia pressovaniia izdelii iz termoreaktivnykh plastmass. Moskva, Gos. izd-vo med. lit-ry, 1956.

SOBOLEV, G.A. [Structure and servicing of carding machines in linen manufacturing] Ustroistvo i obsluzhivanie chesal'nykh mashin l'nianoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 136 p.

SOIUZNEFTEBURMASHREMONT, Gosudarstvennyi soiuznyi trest. [Catalog: Spare parts for petroleum equipment] Katalog: Zapasnye chasti k neftianomu oborudovaniiu. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry.
Pt. 2. [Equipment for boring wells] Oborudovanie dlia bureniia skvazhin.
Section 6. [Swivels] Vertlugi.
No. 3. [ShV14-160 swivel] Vertlug ShV14-160. 1956. 7 p.
No. 4. [ShV5-75 swivel] Vertlug ShV5-75. 1956. 7 p.

SOKOLOV, A. V. [Collection of problems in hydraulics] Sbornik zadach po gidravlike. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 86 p.

SOKOLOV, E. IA. [District heating systems] Teplovye seti. Izd. 2-e, perer. Moskva, Gos. energ. izd-vo, 1956. 236 p.

SOROKIN, L.V., and others. [A course on geophysical methods of prospecting for oil fields] Kurs geofizicheskikh metodov razvedki neftianykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1950. 473 p.

SOSIANTS, V. G., and others. [Construction of trolley tracks with concrete foundations] Konstruktsii tramvainykh putei s betonnymi osnovaniiami. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 52 p.

SSORIN, V. A., and R. A. EIKHEL'BERGER. [Cuttings in fir forests of Transcaucasia; experience in organization and planning] Rubki v pikhtovykh lesakh Zakavkaz'ia; opyt obosnovaniia i proektirovaniia. Moskva, Goslesbumizdat, 1956. 79 p.

STANIUKOVICH, K.P. [Cosmic flights] O kosmicheskikh poletakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 30 p.

STRUGOVSHCHIKOV, D.P. [Steel casting; a technical manual] Razlivka stali; uchebnoe posobie dlia proizvodstvenno-tekhnicheskogo obucheniia rabochikh. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 102 p.

SUKHAREV, G.M. [Fundamentals of oil-field hydrogeology] Osnovy neftepromyslovoi gidrologii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 339 p.

[SWITCHMAN'S MANUAL] Pamiatka strelochniku. Izd. 8-e. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 41 p. (Rabota zheleznykh dorog v zimnikh usloviiakh)

[SYMPOSIUM ON MICROWAVE STRIP CIRCUITS. Translated from the English] Pechatnye skhemy santimetrovogo diapazona; sbornik statei. [Perevod] Pod red. V.I.Sushkevicha. Moskva, Izd-vo inostrannoi lit-ry, 1956. 400 p.

TAITS, N.IU., and IU.I.ROZENGART. [Continuous heating furnaces] Metodicheskie nagrevatel'nye pechi. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 248 p.

TARNOVSKII, I.IA., A.A.POZDEEV, and V.B.LIASHKOV. [Deformation of metal in rolling] Deformatsiia metalla pri prokatke. Pod red. I.IA.Tarnovskogo. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 287 p.

TELEGIN, M. IA., M. B. KORSUNSKII, and M. S. ZEL'MANOVICH. [Efficiency and life characteristics of flexible road surfaces] Rabotosposobnost' i mezhremontnye sroki sluzhby nezhestkikh dorozhnykh odezhd. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 104 p.

TEUMIN, I.I. [Experimental analysis of transient processes in linear electric circuits] Eksperimental'nyi analiz perekhodnykh protsessov v lineinykh elektricheskikh tsepiakh. Moskva, Izd-vo "Sovetskoe radio," 1956. 534 p.

TIKHONOV, A. F., and others. [Progressive lumbering methods] Peredovye metody truda na lesozagotovkakh. Pod obshchei red. A. F. Tikhonova. Minsk, Gos. izd-vo BSSR, 1956. 111 p.

TORPOV, K.V. [Shooting ranges; the construction and equipment of ranges for firing small caliber and combat rifles] Strelkovye tiry; ustroistvo i oborudovanie strelkovykh tirov dlia strel'by iz malokalibernogo i boevogo oruzhiia. Moskva, Izd-vo DOSAAF, 1956. 126 p.

TOVSTOLES, N.I. [Connecting the alignment to triangulation points] Privlazka trassy k trianguliatsionnym punktam. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 121 p.

TRAITEL'MAN, G. IA. [Pneumatic-tube transportation in woodworking enterprises] Pnevmaticheskii transport na derevoobrabatyvaiushchikh predpriiatiiakh. Moskva, Goslesbumizdat, 1956. 66 p.

TREIER, V.N. [Design of machine parts for wear] Raschety detalei mashin na dolgovechnost'. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 134 p.

TROFIMOV, G.V., and A.N. PINASHIN. [Progressive experience in the organization and production of dump work at the Magnitogorsk open-cut iron mine] Peredovoi opyt organizatsii i proizvodstva otval'nykh rabot na Magnitogorskom zhelezorudnom kar'ere. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 73 p. (Peredovye metody truda)

TROP, A.E. [Electric equipment at coal preparation and briquette factories] Elektrooborudovanie ugleobogatitel'nykh i briketnykh fabrik. Izd. 2-e, ispr. i dop. Moskva, Ugletekhizdat, 1956. 198 p.

TSYGANKOV, A.S. [Calculations for ship heat exchangers; a reference manual] Raschety sudovykh teploobmennykh apparatov; spravochnoe posobie. Leningrad, Gos. soiuz. izd-vo sudostroit. promyshl., 1956. 263 p.

TUKHVATULLIN, G.A. [A collection of problems in tolerances, clearances, and calibrations] Sbornik zadach po dopuskam, posadkam i kalibram. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 95 p.
[MICROFILM]

USENKO, V.M. [Molds for reinforced concrete construction] Opalubochnye formy zhelezobetonnykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 211 p.

USHKOV, F.V. [Thermotechnical properties of large panel walls] Teplotekhnicheskie svoistva krupnopanel'nykh sten. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 102 p.

UVAROV, V.V., ed. [Problems in gas turbine construction; a collection of articles] Voprosy gazoturbostroeniia; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 98 p.
[MICROFILM]

VAL'SHCHIKOV, N.M., and A.I.SHARAPIN. [Three-head automatic embroidering machine] Vyshival'nyi trekhgolovochnyi avtomat. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 69 p.

VASIL'EV, A.N., I.E.PODYNOGIN, and P.D.NIKITIN. [Work practices of outstanding steel smelters of the Kuznetsk Metallurgical Combine] Opyt raboty peredovykh masterov-staleplavil'shchikov Kuznetskogo metallurgicheskogo kombinata. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 111 p.

VELLER, M.A., and others. [Hydro peat technology] Tekhnologiia gidrotorfa. Izd. 2-e, perer. Pod red. M.A. Vellera. Moskva, Gos. energ. izd-vo, 1956. 352 p.

VETCHINKIN, V.P. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. [Dynamics of aircraft] Dinamika samoleta. 1956. 422 p.

VINARSKII, M.S. [Overcoming difficulties in drilling] Bor'ba s oslozneniiami pri burenii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 82 p.

VOLIN, M.L. [Intermediate-frequency amplifiers] Usiliteli promezhutochnoi chastoty. Izd. 3-e, dop. Moskva, Izd-vo "Sovetskoe radio," 1956. 231 p.

VOSTROKNUTOV, N.G. [Electric and magnetic measurement techniques] Tekhnika izmerenii elektricheskikh i magnitnykh velichin. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 440 p.

ZAVARITSKII, A.N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. 1956. 702 p.

ZEL'TSER, R.S. [Progressive glazing methods] Peredovye metody proizvodstva steklo'nykh rabot. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 47 p. (Novatory stroitel'noi industrii)

ZHEVAGO, K.A. [Internal combustion engines used in well drilling] Dvigateli vnutrennego sgoraniia, primeniaemye v burenii skvazhin. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 416 p.

ZLOBINSKII, B.M. [Brown coal as fuel in metallurgy] Buryi ugol' kak metallurgicheskoe toplivo. Moskva, Ugletekhizdat, 1956. 37 p.

## 17. MILITARY & NAVAL SCIENCES

[HEROIC DEEDS OF SOVIET SOLDIERS FOR THE GLORY OF THE MOTHERLAND] Geroicheskie podvigi sovetskikh voinov vo slavu rodiny. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 80 l. (In portfolio)

KIREEVA, M.E. [The Communist Party of the Soviet Union is the organizer and leader of the Soviet armed forces; a bibliography] Kommunisticheskaia partiia Sovetskogo Soiuza - organizator i rukovoditel' sovetskikh vooruzhennykh sil; rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V.I. Lenina. Voennyi otdel, 1956. 46 p.

KORCHAGIN, M.I. [Measuring the power of internal combustion marine engines] Izmerenie moshchnosti sudovykh dvigatelei vnutrennego sgoraniia. Moskva, Izd-vo "Morskoi transport," 1956. 147 p.

KRYLOV, A.N. [Collected works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 9. [Ship theory] Teoriia korablia.
Pt. 2. 1949. 313 p.

MAL'TSEV, V.N. [Latitudinal magnetic compensator] Shirotnyi magnitnyi kompensator. Moskva, Izd-vo "Morskoi transport," 1956. 109 p.

MIELKE, FRANZ. [The pen and the sword; Karl Clausewitz and his time. Translated from the German] Pero i mech; Karl Klauzevits i ego vremia. [Perevod s nemetskogo V. IA. Golanta.] Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 306 p. [Publ. under his pseud. Franz Fabian.]

MOCHANOV, P.N., I.M. PONOMAREV, and V.A. ANIKIN. [Steam ejector fume pressure apparatus] Parozhektornaia dymonagnetatel'naia stantsiia. Moskva, Izd-vo "Morskoi transport," 1956. 31 p. (Biblioteka obmena opytom na morskom transporte)

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Voennyi otdel. [V. I. Lenin on the formation and strengthening of the Soviet armed forces; a bibliography] V. I. Lenin o stroitel'stve i ukreplenii sovetskikh vooruzhennykh sil; rekomendatel'nyi ukazatel' literatury. Moskva, 1956. 40 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo oborony. [Drill regulations of the armed forces of the Soviet Union, with amendments and supplements, announced by orders of Ministry of Defence of the U.S.S.R., nos. 132 (1950) and 4 and 33 (1955)] Stroevoi ustav Vooruzhennykh Sil SSSR. S izmeneniiami i dop., ob"iavlennymi prikazami Ministra Oborony SSSR No. 132 ot 1950 g. i No. 4 i 33 ot 1955 g. Moskva, 1955. 192 p.

RUSSIA (1923- U.S.S.R.) TSentral'nyi gosudarstvennyi voenno-istoricheskii arkhiv. [M. I. Kutuzov; a collection of documents] M. I. Kutuzov; sbornik dokumentov. Moskva, Voen. izd-vo Ministerstva obor. SSSR.
Vol. 4, pt. 2. [October-December 1812] Oktiabr'-dekabr' 1812 g. 1955. 848 p.
——— [An album of maps] Al'bom skhem. 5 fold maps.

SADOVSKII, V.G. [Principles of the construction of artillery materiel] Osnovaniia ustroistva material'noi chasti artillerii. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 498 p.

TETERIATNIKOV, M.S. [Organization of navigation and work of harbors] Organizatsiia dvizheniia flota i raboty portov. Moskva, Izd-vo "Rechnoi transport," 1956. 355 p.

[THE VANGUARD: SKETCHES OF OFFICER SPECIALISTS IN EDUCATION AND TRAINING] Idushchie vperedi; ocherki ob ofitserakh-masterakh obucheniia i vospitaniia. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 118 p.
[MICROFILM]

VOLODARSKII, S.M. [Repair of marine boilers] Remont sudovykh parovykh kotlov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 105 p. (Posobie po podgotovke rabochikh)

VSESOIUZNOE DOBROVOL'NOE OBSHCHESTVO SODEISTVIIA ARMII, AVIATSII I FLOTU. [Aids for primary organizations of the Volunteer Society for Cooperation with the Army, Air Force and Navy; a collection of papers] V pomoshch' pervichnym organizatsiiam DOSAAF; sbornik materialov. Izd. 2-oe, ispr. i dop. Moskva, 1956. 175 p.

VSESOIUZNOE DOBROVOL'NOE OBSHCHESTVO SODEISTVIIA ARMII, AVIATSII I FLOTU. [Program for the preparation of first and second class riflemen of the "Ready for Labor and Defense" group in organizations of the All-Union Volunteer Society for Assistance to the Army, Air Force and Navy] Programma podgotovki strelkov po normam I i II stupenei kompleksa GTO v organizatsiiakh DOSAAF. Moskva, 1955. 39 p.

## 1. GENERAL

### a) SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Social Sciences]. Erivan, no. 9, Sep. 1956.

Table of contents translated:

Kharmandarian, S. - Third congress of the soviets of the Armenian S. S. R. [in Russian]. p. 3.
Zakarian, A. - Treatment of problems in M. Armen's tale "The Ekhnar spring." p. 23.
IUzbashian, K. - Thonraketzi movement in Armenia and the Paulicians [in Russian]. p. 31.
Kosian, V. - The importance of Indo-European roots in the basic vocabulary of Armenian. p. 45.
Martirosian, A. - Excavations in Kirovakan and antiquities of the early Urartaean period [in Russian]. p. 61.
Rogushin, A. - Education in Turkey. p. 85.
Stepanian, I. - M. Nalbandian's travels. p. 95.
Adamian, A. - New documents on Komitas. p. 101.
Bagdasarian, A. - "The formation of critical realism in Armenian literature" by S. Sarinian. p. 115.
Khachatrian, V. - "Nadezhda Papaian" by V. Samvelian. p. 119.
Voskanian, V., Grigorian, V. - In Armenian colonies. p. 121.
Vardumian, D. - The science of ethnology in Armenia in 1951-1955. p. 127.
Aznavurian, G. - New materials of the museum of literature and art. p. 133.
Khachikian, A. - Ov. Abelian's private archive. p. 137.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin]. Baku, no. 6, June 1956.

Table of contents translated:

Ibad-zade, IU. A. - Studying the transportation of bottom debris. p. 3.
Akhundzade, I. M. - Definition of the concept of subtropics. p. 19.
Ibragimov, G. R., Akhundov, T. M. - Species of fungi of the genus Phyllosticta discovered in the Nukha-Zakataly region of the Azerbaijan S. S. R. p. 35.
Alekperova, N. A. - Discoveries of fossil Gazella subtuguturosa in the Apsheron Peninsula. p. 43.
Ramazanov, K. T. - Phonetics of the Sal'yany dialect [in Azerbaijani with summary in Russian]. p. 47.
Zakuev, A. K. - The role of human activity in the reflection of objective realities [in Azerbaijani with summary in Russian]. p. 81.
Kerimov, K. - V. V. Vereshchagin in Azerbaijan [in Azerbaijani with summary in Russian]. p. 91.
Iusifov, I.N. - Use of hired labor in cotton growing of Azerbaijan at the end of the 19th and the beginning of the 20th century [in Azerbaijani with summary in Russian]. p. 107.

No. 9, Sep. 1956.

Table of contents translated:

Dzhafarov, G.M., Mamedaliev, M.G. - Study of the cohesiveness of mortars with stone in masonry work with certain shell limestones from Baku quarries. p. 3.
Zeinalov, B.K., Leikakh, V.S. - Kinetics and the chemistry of liquid-phase oxidation of normal hexadecane $C_{16}H_{34}$. p. 17.
Koniukhov, I.A. - Lithological characteristics of lower Cretaceous deposits of Daghestan. p. 33.
Ibragimov, R.P. - Short historical survey on the study of bee diseases in Azerbaijan [in Azerbaijani with summary in Russian]. p. 49.
Mamedov, Kamran. - Two unpublished plays of A.Akhverdov [in Azerbaijani with summary in Russian]. p. 57.
Dzhangirov, A.S. - Some observations on the role and struggle of the journal "Molla Nasreddin" for purity of the Azerbaijani literary language [in Azerbaijani with summary in Russian]. p. 63.
Bairamov, G.A. - Compound coordinated sentences in modern Azerbaijani [in Azerbaijani with summary in Russian]. p. 69.
Abdullaev, Z.Z. - History of Iran-United States relations during the First World War [in Azerbaijani with summary in Russian]. p. 83.
Reports. p. 97.

AKADEMIIA NAUK GRUZINSKOI SSR. Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 17, no. 7, 1956.

Table of contents translated:

Mikeladze, Sh.E. - Approximate formulas for multiple integrals of regular functions. p. 577.
Itonishvili, IU.V. - Aspects of erosion of sidelong accretions in gullies. p. 585.
Sobanskaia, A.V. - Using aerological data for determining the total heat energy content of an air mass. p. 593.
Razmadze, N.A. - Study of the diffuse Orion nebula and planetary nebulae based on photoelectric observations. p. 599.
Nanobashvili, E.M., Beruchashvili, L.P. - Redox processes in colloidal solutions of various metal sulfides subjected to ultraviolet rays. p. 607.
Bagratishvili, G.D. - Infrared absorption spectrum technique for investigating the chemical structure of hydrochlorides of aminoazo compounds. p. 615.
Kakabadze, V.S. - Development and location of the building materials industry in Lower Kartlia. p. 623.
Rabukhin, L.G. - Calculating the outlets of water-conducting installations accounting for storage. p. 629.
Kekelidze, M.A. - Smelting specular cast iron in electric furnaces from Dashkesan iron ore and Chiaur manganese carbonate ore. p. 637.
Kapanadze, I.S. - Somatic origin of polyploid forms in citrus plants. p. 645.
Kruashvili, G.G. - Obtaining two corn harvests per year. p. 649.
Kipiani, R.IA., Tsetskhladze, T.V. - Gamma rays for destroying pupas and conserving the cocoons of silkworm. p. 657.
Machabeli, M.S. - Norms for the osmotic resistance of erythrocytes in white mice. p. 663.
Gzelishvili, I.A. - Principal results of archaeological excavations in the Nachivchavebi settlement in 1955. p. 607.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 26, no. 9, Sep. 1956.

Table of contents translated:

Vinogradov, I.M. - Results of the All-Union Mathematical Congress. p. 3.
Likhtman, V.I. - Physical chemistry and the strength of solid bodies. p. 9.
Karus, E.V. - The development of methods for geophysics as applied to prospecting. p. 14.
Belov, A.F., Drits, M.E. - Light alloys and their significance for technological progress. p. 21.
Shumskii, P.A. - Glaciological and geocryological studies in the Antarctic (first results of a 40-day reconnaissance). p. 27.
Kucherov, I.P. - New data on the cartography of the Antarctic. p. 36.
Kursanov, A.L. - Work of a laboratory supervisor. p. 41.
Kachalov, N.N. - Ways of introducing into industry the results of scientific research work. p. 46.
Baranovskii, V.I. - Preventing sudden explosions of coal and gases. p. 51.
Yang Chung-chyang, Ch'ou Ming-ch'ong. - New discoveries of the remains of fossil vertebrates. p. 56.
Kirpichnikov, A.A. - In paleontological institutions of China. p. 59.
Peive, IA.V. - At the International Congress on Trace Elements in Belgrade. p. 63.
Piotrovskii, B.B. - Trip of Soviet archaeologists and ethnographers to Egypt. p. 67.
Nikol'skii, S.V. - At the conference of Czechoslovak students of folklore. p. 71.
Brief notes:
Return of the Gotha library. p. 74.
Telegrams from Rumanian scholars. p. 75.
International congress on ultrahigh-frequency electronic instruments. p. 75.
French physicists on a visit to the USSR. p. 76.
Delegation of the Hungarian Academy of Sciences in the U.S.S.R. p. 77.
Bogatyrev, Sh.Sh. - M.Gor'kii and the Czech culture (from pre-October documents). p. 78.
Results of the work of Moscow scientists. p. 85.
Status and the further development of the Far Eastern branch. p. 87.
Further development of scientific research work in the field of atheism and history of religion and the participation of the institutions of the Academy in scientific atheistic propaganda work. p. 88.
Preparing a special issue of the UNESCO "Bulletin of social sciences." p. 89.
Appointments and transfers. p. 89.
Rudol, G.IA. - Conferment of an honorary doctor of law degree on Sukarno, President of Indonesia. p. 90.
Kondorskii, E.I. - Progress in studies on the physics of magnetic phenomena (conference in Moscow). p. 95.
Levshin, V.L. - Problems in the luminescence of crystal phosphors (conference in Tartu). p. 99.
Luk'ianovich, V.M. - Methods for studying the structure of highly dispersed and porous bodies (conference in Leningrad). p. 101.
Obukhova, L.K. - Studying the kinetics and chemistry of the hydrocarbon oxidation in the liquid phase (conference in Moscow). p. 103.
Rauzer-Chernousova, D.M. - Coordination of extra-paleontological studies (conference in Moscow). p. 106.
Linchevskii, B.V. - Experimental practice and methods for high-temperature research (conference at the A.A. Baikov Institute of Metallurgy). p. 107.
Shorokhova, E.V. - Important problems in Soviet philosophy (coordinating conference at the Institute of Philosophy). p. 110.
Khutorna, V.F. - Measuring labor productivity in industry (coordinating conference at the Institute of Economics). p. 113.
The seventeenth Timiriazev lecture. p. 117.
In memory of A.M. Gor'kii. p. 118.
Centennial of the birth of Tilak, a patriot and democrat. p. 121.
Defense of dissertations in the Department of Geological and Geographical Sciences. p. 123.
Defense of dissertations in the Department of Technological Sciences. p. 124.
Gal'tsov, A.P. - Classification of the earth's climates. p. 131.
Sevortian, E.V. - Valuable study on the Yakut language. p. 136.
New books; brief summaries of publications of the Academy of Sciences of the U.S.S.R. p. 139.

Vol. 26, no. 10, Oct. 1956.

Table of contents translated:

Omel'ianovskii, M.E. - Developing the problem "Dialectical materialism and the modern natural sciences." p. 3.
Gutenmakher, L.I. - New type of statistical and information machines. p. 12.
Zvonkov, V.V. - Problems in the over-all utilization of productive forces in the Amur Basin. p. 23.
Segre, E. - On antiprotons. p. 26.

Shatalov, E.T. - New geological maps of the Soviet Union. p. 28.
TSurinov, G.G., Kolodiazhnyi, V.Z. - Photorecording apparatus for thermal analysis. p. 35.
Semerchan, A.A. - High-pressure hydraulic compressor. p. 38.
Declaration of the Scientific Council of Japan on the peaceful use of nuclear energy. p. 41.
Martin, D.S. - International Geophysical Year. p. 42.
Brekhovskikh, .M. - Second International Congress on Acoustics. p. 48.
Fesenkov, V .G. - Colloquy on molecular astrophysics in Liège. p. 52.
Petrov, A.D., Shuikin, N.I. - Visiting French chemists. p. 55.
Sisakian, N.M. - Biochemical laboratories in Belguim and France. p. 61.
Rusinov, V.S., Bassin, F.V. - At the European conference on electroencephalography. p. 68.
Dement'ev, G.P., Shaposhnikov, L.K. - International protection of nature. p. 71.
Brief news:
One hundredth anniversary of the birth of Nikola Tesla. p. 76.
Third international congress on atomic energy, radioelectronics, and motion picture engineering. p. 77.
Conference of Austrian and German chemists. p. 78.
Conference of chemical engineers. p. 79.
Sixth Congress of the International Federation of Automobile Construction Engineering Societies. p. 80.
O.IU. Shmidt; obituary. p. 82.
G.A. Shain; obituary. p. 84.
Present state and further development of the scientific activity of the Yakut branch. p. 85.
Basic tasks and structure of the Institute of Economics. p. 86.
Present state and further development of research on the topic "Vegetation resources of the U.S.S.R.". p. 87.
Gold medals and name prizes awarded by the Academy. p. 88.
Supplying Academy institutions with modern scientific equipment and materials. p. 90.
Results of work of the Soviet committee of Slavists in preparing for the International Congress of Slavists. p. 91.
Preparing for seismic works in Indonesia according to the program of the International Geophysical Year. p. 91.
Renaming the Karelo-Finnish branch. p. 91.
Editing the periodical "Soviet Archaeology." p. 91.
In the Department of Geological and Geographical Sciences; regular general meeting. p. 92.
In the Department of Historical Sciences; report on ancient Mongolian settlements. p. 95.
Potkov, L.L. - Institute of Philosophy; philosophy lectures. p. 96.
Chentsov, R.A. - Studying low temperature physics; second all-Union conference in Leningrad. p. 99.
Ukholin, S.A. - Research in spectroscopy. p. 102.
Bogdanov, S.V. - Development of research in seignettoelectricity; all-Union conference in Leningrad. p. 103.
Genkel', P.A ., Belikov, I.F. - Aims of biological research in the Far East; out of town session of the Department of Biological Sciences in Vladivostok. p. 106.
Abuladze, A.V. - Leucocyte serums and their use; conference at the A.N.Severtsov Institute of Animal Morphology. p. 110.
Kozlov, M.I. - Calculating production costs in agriculture; conference at the Institute of Economics. p. 112.
Grach, A.D. - Problems of ethnography and anthropology; conference in Leningrad. p. 115.
Coordination of research in lexicography; conference at the Institute of Linguistics. p. 117.
Defense of dissertations;in the Department of Biological Sciences. p. 119.
Defense of dissertations; in the Department of Economics, Philosophy and Law. p. 127.
New books; brief summaries of publications of the Academy of Sciences of the U.S.S.R. p. 130.

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Komi Branch. Transactions]. Syktyvkar, no. 2, 1954.
Table of contents translated:
Bysirozorov, A.S., Vavilov, P.P. - Reclamation of land is the basic factor in the further development of agriculture in the Komi A.S.S.R. p. 3.
Zaboeva, I.V., Rubtsov, D.M. - Agricultural characteristics of virgin soils of the central zone of the Komi A.S.S.R. p. 15.
Makarova, L.A., Stonina, T.A. - Role of perennial forage plants in improving the properties of soil. p. 19.
Kuz'kokova, N.N., Chebykina, N.V. - Lime resources for liming soils in Sysola District in the Komi A.S.S.R. p. 27.
Kotelina, N.S. - Flood-land meadows of the Vychegda Valley. p. 33.
Bolotova, V.M. - Natural meadows and their utilization on the "Stalinets" Collective Farm in Syktyvdinskiy District. p. 41.
Khantimer, I.S. - Natural pastures and meadows of the Kalinin Collective Farm in Syktyvdinskiy district. p. 49.
Dedov, A.A. - Pastures of forest reindeer farms in Pomozdino District, Komi A.S.S.R. p. 59.
Shchenkova, M.S. - Meadow clover populations in wild and cultivated conditions. p. 71.
Kupchikova, L.M. - Pollination of red clover by bumblebees in the Komi A.S.S.R. p. 83.
Kosmortov, V.A. - Effect of various factors during preplanting germination on the further development and yielding ability of potatoes. p. 91.
Bolotova, E.S. - Importance of light in growing potatoes in the central zone of the Komi A.S.S.R. p. 99.
Charochkin, M.M. - Promising new fruit trees for collective farm orchards of the Komi Republic. p. 107.
Rokitskii, P.F. - Two-cycle method of organizing the day's work on the livestock farm of the Biological Experiment Station of the Komi Branch of the Academy of Sciences of the U.S.S.R. p. 115.
Maslova, K.I. - Some advanced practices in the sheep farming of the Komi A.S.S.R. p. 123.
Ivanova, G.M. - Crosses of Kholmogory and Red Latvian cattle on the "Kos'iu" State Farm. p. 131.
Zvereva, O.S. - Ozel lakes. p. 135.
Romanov, A.N. Beaver repopulation along rivers of the Komi A.S.S.R. p. 149.
Lashuk, L.P. - Pechora region in ancient times. p. 161.
Timushev, D.A. - Ancient monetary reckoning in Komi and history of the monetary term "ur." p. 171.
Brief news:
Pornachev, P.V. - First results of experiments with the Italian millet in the Komi A.S.S.R. p. 179.
Kosmortov, V.A. - Storing potatoes in surface silos. p. 101.
Gabova, E.N. - A new method for controlling summer cabbage maggots. p. 103.
Zvereva, O.S. - Strengthening and developing fishing in the Komi A.S.S.R. p. 105.
Solovkina, L.N. - Lamprey eel in the Vychegda River. p. 108.
Information. 191.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Doklady [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Reports]. Stalinabad, no. 16, 1956.
Table of contents translated:
Nechaev, V.A. - Determining the depth of seismic foci by the distribution of the intesity of tremor in the area. p. 3.
Khamidov, M.Kh. - History of magmatic and postmagmatic processes in Mesocenozoic plicated areas of the Pamirs and some other regions in the southern part of Central Asia. p. 9.
Polotaev, I.K. - Planning embankments for drainage collector systems and the angle of slope in loess-type soils. p. 15.
Polotaev, I.K. - Hydrogeological conditions of the Samgara depression and the use of underground water for irrigation. p. 27.
Agakhaniants, O.E. - Forms of the accumulation of sand in the Vakhan Range. p. 31.
Mazitov, Sh.S. - Evaluation of the quality and quantity of strains and stresses in shafts in longitudinal impact, according to the resilience of shaft support. p. 41.
Mazitov, Sh.S. - Experimental method for determining impact force in machine parts. p. 53.
Agakhaniants, O.E. - New discovery of Dionysia bryomorpha (Lipsky) ovcz. p. 65.
Badritdinova, R.S. - Couch grass formations of the Rongon-Tau Range and its practical use. p. 67.
Lopatin, I.K. - New species of leaf beetles (Coleoptera, Chrysomelidae) from Tajikistan. p. 71.
Chernyshev, V.I. - Distribution and biology of high-mountain or silvery meadow mice in Tajikistan. p. 73.
Kulinich, P.N. - Material on the biology and injuriousness of Acoloesthes sarta Sols. in Stalinabad. p. 79.
Popov, A.V. - Data on the molting of birds in high-mountain regions. p. 89.
Lototskii, B.V. - Morphological characteristics of Haemaphysalis caucasica Ol. (Ixodidae) larvae and nymphs. p. 93.
Erez, B.M., Krasnoshtein, S.R. - Range of location of the phrenic nerve in human pectoral and abdominal cavities. p. 99.
Krasnoshtein, S.R., Erez, B.M. - Location of the phrenic nerve in dogs. p. 111.

No. 17, 1956.
Table of contents translated:
Aliev, G.A. - Tasks facing science in the sixth five-year plan. p. 5.
Vasil'kovskii, N.P., Nedzvetskii, A.P. - Section of the Eastern Kara-Mazar upper-Paleozoic formations compared with the section of the Chirchik-Angren Basin. p. 13.
Selivanov, R.I. - The "guiding factor" principle in the division into physicogeographical regions. p. 19.
Mukhamedjev, A.M. - Tropical and subtropical species of crustaceans (Entomostraca, Cladocera) from the North Tajikistan rice fields. p. 25.
Ermoshkevich, V.I. - Cases of copulation of Rhipicephalus sanguineus (Latr.), 1806 with Boophilus calcaratus Birula, 1895 (Ixodidae). p. 31.
Lopatin, I.K. - Material on the leaf beetles (Chrysomelidae) in Tajikistan. p. 35.
Sokanovskii, B.V. - New species of bark beetles in Central Asia. p. 43.
Tulabaev, B. - Effect of phenothiazine on helminthism of the alimentary tract in sheep. p. 45.
Sveshnikova, V.M. - Significance of the snow cover for the accumulation of moisture in Alpine desert soils. p. 53.
Reinus, R.M. - Nutritional value of plants in Pamir winter pastures. p. 59.
Erez, B.M. - Extracardiac nervous system in rabbits. p. 65.
Erez, B.M. - Cardiac nerves in guinea pigs. p. 77.
Erez, B.M. - Cardiac nerves in man. p. 87.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Transactions]. Stalinabad, vol. 4, 1952.
Title translated:
Sveshnikova, V.M. - Root systems of Pamir plants. 120 p.
Title transliterated: Sveshnikova, V.M. - Kornevye sistemy rastenii Pamira. 120 p.

Vol. 30, 1954.
Title translated:
Korbonskaia, IA.I. - Rust fungi of Tajikistan. 94 p.
Title transliterated: Korbonskaia, IA.I. - Rzhavchinnye griby Tadzhikistana. 94 p.

Vol. 31, 1955. Sbornik materialov iubileinoi sessii Akademii nauk Tadzhikskoi SSR, posviashchennoi 25-letiiu respubliki; 1-5 oktiabria 1954 g. [Collected papers from the jubilee session of the Academy of Sciences of the Tajik S.S.R., devoted to the 25th anniversary of the republic; October 1-5, 1954].
Table of contents translated:
Opening speech by G.A. Aliev, vice president of the Academy of Sciences of the Tajik S.S.R. p. 5.
Opening speech by Academician E.N. Pavlovskii, honorary member of the Academy of Sciences of the Tajik S.S.R. p. 7.
Aliev, G.A. - The role of Russian scientists in the development of science in Tajikistan. p. 11.
Bogoutdinov, A.M. - The consolidation of the Tajik socialist nation. p. 27.
Pavlovskii, E.N. - The inheritance of acquired characteristics based on data from experimental work on changes in the heredity of charactoristics of rabbit fur. p. 41.
Skriabin, K.I. - Prospects for the development of theoretical and applied Soviet helminthology. p. 59.
Antipov-Karataev, I.N. - Reclamation of virgin and fallow lands and tasks of the science of soil improvement in Tajikistan. p. 71.
Krasichkov, V.P., Nagibin, IA.D. - Achievements of the science of cotton growing and progressive practices in the field in Tajikistan during the Soviet period. p. 95.
Ovchinnikov, P.N. - Basic trends in the formation of species in connection with the origin of plant types in Central Asia. p. 107.
Narzikulov, I.K. - Growth of the economy and culture of Tajikistan during the last 25 years. p. 141.
Braginskii, I.S. - Tajik Soviet literature is an indissoluble part of multinational socialist Soviet literature. p. 157.

Vol. 36, 1955. Materialy vyezdnoi sessii Akademii nauk Tadzhikskoi SSR v g. Leninabade (dekabr' 1953 g.) [Materials of the out meeting of the Academy of Sciences of the Tajik S.S.R. held in Leninabad, December 1953].
Table of contents translated:
Short report on the work of the meeting. p. 3.
Opening remarks of G.A. Aliev. p. 5.
Petrov, V.F. - Methods for increasing cotton yield in Leninabad Province. p. 9.
Ponomarenko, A.A. - Reproductive processes in cotton plants in connection with the density and space arrangement of plants. p. 17.
Oratovskii, M.T. - Regional adaptation of cotton varieties in Leninabad Province. p. 31.
Pankov, M.A. - Soils and methods for increasing their fertility in the Fergana Valley. p. 35.
Grabovskaia, O.A., Kuteminskii, V.IA. - Land resources of Leninabad Province. p. 49.
Kerzum, P.A. - Problems of the radical improvement of soils in the irrigated region of Leninabad Province. p. 55.
Komarov, B.M. - Floristic survey in the vicinity of Leninabad and the Mogol-Tau Range. p. 63.
Komarov, B.M. - Economic utilization of wild plants in the vicinity of Leninabad and Mogol-Tau Range. p. 73.
Atiev, A.A. - Alkaloid bearers of northern Tajikistan. p. 83.
Zapriagaeva, V.I. - Juniper forests of Turkestan Range within the boundaries of Leninabad Province. p. 91.
Smol'skii, N.V. - Possibilities of developing subtropical fruitgrowing in Leninabad Province. p. 100.
Marechek, G.I. - Methods for combating the Turkestan termite, a pest of industrial and residential buildings. p. 110.
Soldatenkov, N.I. - Problems of increasing stockbreeding productivity in Leninabad Province and tasks

facing science. p. 133.
Sin'kovskii, L. P. - Possibilities of improving the fall-winter-spring pastures. p. 147.
Khafizov, N. R. - Sericulture in the Fergana Valley. p. 157.
Maksunov, V.A., Ozhegova, V.E. - Farkhad Reservoir as a fishery. p. 173.
Closing speech of T. U. Ul'dzhabaev. p. 181.

AKADEMIIA NAUK URSR, Kiev. Visnyk [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Journal]. Kiev, vol. 27, no. 9(238), Sep. 1956. [In Ukrainian.]
Table of contents translated:
Nesterenko, O.O. - Improvement in the work of the Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R. in the light of decisions of the 20th Congress of the Communist Party of the Soviet Union. p. 3.
Snichyr'ov, F.O. - Utilization of collective farm lands in Ukrainian Polesye of the Pripet Valley. p. 12.
Vlasiuk, P.A. - Organomineral fertilizer compounds. p. 21.
Shtepanek, S.I. - Immediate tasks for the Institute of Hydrology and Hydraulic Engineering of the Academy of Sciences of the Ukrainian S.S.R. p. 28.
Pyshkin, B.A., Rusakov, S.V. - Tasks and general methods for studying the dynamics of shore line of bodies of water. p. 32.
Popov, P.M. - History of Ukrainian-Rumanian literary ties. p. 38.
Kyryliuk, Z.V. - An unknown work of Nechui-Levyts'kyi. p. 45.
In the Presidium of the Academy of Sciences of the Ukrainian S.S.R. p. 47.
Session of the General Assembly of the Academy of Sciences of the Ukrainian S.S.R. devoted to the centenary of Ivan Franko's birth. p. 50.
Hlamazda, A., Kharchenko, P. - Economic conference on the problems of intrafactory business accounting. p. 54.
Mikhailov, V.P. - Defective bibliography. p. 61.
Zahors'kyi, P., Lauta, S., Chuntulov, V. - Book on the history of the Revolution of 1905-1907 in the Ukraine. p. 65.
Ivasyk, V., Kulykivs'ka, O. - Manual on diseases of fish [in Czech]. p. 73.
Levterov, S. - Meetings with foreign scholars. p. 75.
New books. p. 79.

AKADEMIIA NAVUK BSSR, Minsk. Izvestiia [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin]. Minsk, nos. 2-3, Mar.-June 1954. [For tables of contents see White Russian edition in Monthly List, vol. 8, no. 9, p. 1312.]

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Ėlmi əsərlər. Uchenye zapiski [AZERBAIJAN STATE UNIVERSITY. Studies]. No. 1, 1955.
Table of contents translated:
Ibragimov, Z.I. - Glorious pages of a heroic fight. p. 3.
Khalilov, Z.I. - Study of the spectrum and eigenfunction expansion of certain non self-adjoint operators. p. 15.
Mamedaliev, IU.G., Akhmedov, Sh.T. - Alkylation of naphthalene by unsaturated hydrocarbons contained in cracked gasoline. p. 23
Kashkai, M.A., Gusseinov, F.G. - Mineralogy of the alunite-pyrophyllite stratum of Mount Kyrvakar (Dashkesan mining region). p. 33.
Glul', K.K. - Sea waves. p. 53.
Karaev, A.I., Aivazian, L.A., Kasimov, R.IU. - Effect of the stimulation of chemoreceptors of the spleen on the sugar content of blood. p. 67.
Makovel'skii, A.O. - Advanced political ideas of the peoples of Russia in the 19th century and the influence of Russian revolutionary democrats on it. p. 75.
Sultanly, E.A. - Aristophanes [in Azerbaijani]. p. 93.
Kagramanov, V.P. - Educational role of Soviet courts. p. 99.
Glushchenko, I. - Defense of dissertations at the Azerbaijan State University. p. 109.
List of dissertations defended at the Azerbaijan State S.M. Kirov University in 1954. p. 119.
Brief news. p. 123.
For the information of the authors. p. 125.

No. 6, 1955.
Table of contents translated:
Akhmedov, K.T. - One theorem in the theory of branching of a solution for a class of nonlinear integral equations. p. 3.
Iovnovich, M., Mukhtarov, A. - Double $\beta^- \beta^+$ decay. p. 13.
Pavlov, P.P., Khovanova, A.M. - Variation in the fractional composition of petroleum and petroleum products during free-surface combustion. p. 21.
Dzottsoti, S.Kh. - Rapid method for the determination of aldol-$\alpha$-naphthylamine. p. 29.
Kuliev, A.M., Sardarly, M.G. - Temperature dependence of the viscosity of hydrocarbons. p. 33.
Seidov, A.G., Dmitrieva, N.P. - Study of the mineralogical composition of clays by means of X-ray and thermal analyses and by dehydration. p. 41.
Agalarov, M.S. - Waters occurring below the petroleum layers of the Maikop formation in Kobystan and their iodine content. p. 47.
Gasanov, S.A. - Mutual relationship of the sciatic nerve and pyriform muscle. p. 53.
Gasanov, A.S., Abdullaev, A.S., Agakishibekova, S.F. - Deposition of carotene in the liver as affected by the use of Istisu mineral water. p. 57.
Loginov, A.A., Ershova, N.D. - Effect of the excitation of interoceptors on the correlation of blood protein fractions. p. 63.
Rusanova, V.N. - Ecological groups of insects injurious to forest shelterbelt plants in the Samur-Divichi Canal regions. p. 73.
Agadzhanov, S.D. - New and rare species of plants in Apsheron. p. 85.
Ibragimov, D. - Tense of the verb in Russian and Azerbaijani. p. 91.
Mil'man, A.Sh. - Azerbaijan S.S.R. as a sovereign republic in the Soviet Socialist Federation. p. 101.

No. 8, 1955.
Table of contents translated:
Decree of the Presidium of the Supreme Soviet of the U.S.S.R. Award of the Order of the Red Banner of Labor to the M.V. Lomonosov State University in Moscow [in Azerbaijani]. p. 5.
To the M.V. Lomonosov State University in Moscow [in Azerbaijani]. p. 6.
To the M.V. Lomonosov State University in Moscow on its 200th anniversary. p. 7.
To the M.V. Lomonosov State University in Moscow. p. 9.
To the S.M. Kirov State University of Azerbaijan. p. 11.
Mamedaliev, IU.G. - Glorious bicentennial [in Azerbaijani]. p. 13.
Shulkin, N.I. - Conversions of hydrocarbons on metal catalysts at increased temperatures and hydrogen pressures. p. 23.
Imanov, L.M. - New conclusions from the theory polarization in an alternating electrical field. p. 39.
Kasumov, M. - Gasan-bek Zardabi, alumnus of Moscow University. p. 51.
Mirzoeva, M.V. - Use of tenses in M.V. Lomonosov's historical works. p. 67.
Rustamov, I.A. - Russian revolutionary democrats as predecessors of social democracy in Russia [in Azerbaijani with summary in Russian]. p. 81.
Scientific session of the S.M. Kirov State University of Azerbaijan dedicated to the 200th anniversary of the M.V. Lomonosov State University in Moscow. p. 95.

No. 9, 1955.
Table of contents translated:
Pipik, O.G. - Rapid gasometric method in biochemical analysis. p. 3.
Sattar-Zade, I.S. - Conversions of organic compounds over aluminosilicate catalysts. p. 13.
Suleimanov, D.M. - Geological-engineering sketch of the Terter River Valley. p. 17.
Aliev, S.A. - Size of the geothermal gradient in the petroleum layers of Kirovabad District. p. 27.
Sultanov, R.G., Gasanov, M.M. - Origin of swamps in the Azerbaijan S.S.R. p. 33.
Keremov, N.K. - Orographic division of the Greater Caucasus lying within the boundaries of Azerbaijan. p. 37.
Museibov, M.A. - The "bad lands" of Azerbaijan. p. 45.
Abutalybov, M.G., Tagizade, A.Kh., Buniatov, I. - Effect of trace elements on the development and yield of cotton in Safariliyev and Shamkhor Districts of the Azerbaijan S.S.R. p. 51.
Kasumov, M.A., Zhukova, R.I. - Some data on the wild forage vetchlings of Azerbaijan. p. 57.
Akhundova-Tuaeva, L.M. - Lepidoptera injurious to forest plantations in Kutkashen District of the Azerbaijan S.S.R. p. 65.
Aliev, R.K. - Prospects for utilizing certain animal resources of Azerbaijan in the production of organotherapeutic preparations. p. 73.
Dzhafarov, S. - Idioms in Azerbaijani [in Azerbaijani with summary in Russian]. p. 87.
Sumbatzade, A.S. - History of alum production in Azerbaijan in the 19th century. p. 103.
Mamedbeili, G.D. - Celestial glove of the Maragha Observatory. p. 113.
Shakhmaliev, E. - Time of the beginning of the decline of Venice. p. 117.
Erivanskii, M. - Agrarian question in democratic and conservative literature during the last decades of the Roman Republic. p. 127.

No. 11, 1955.
Table of contents translated:
Aliev, M.M., Aliev, R.A. - History of the study of Cretaceous deposits of the northern slope of the southeastern Caucasus. p. 3.
Lebedev, A.G., - Using geological statistical and volumetric methods for the estimation of underground resources of petroleum in layers under exploitation. p. 19.
Suleimanov, S.M., Bairamalibeili, E.T. - Magnetic tufaceous sandstones of the northeastern slopes of the Lesser Caucasus. p. 31.
Efendiev, G.A., Alieva, A.G. - Swelling of clays. p. 37.
Sattar-zade, I.S. - Conversions of organic compounds on aluminosilicate catalysts. p. 43.
Akhmedbeili, G.A. - Increasing the germinating capacity of white clover and its importance as a forage crop. p. 47.
Kasumov, M.A., Aliev, D.A. - Biological and ecological characteristics and distribution of some species of the treacle mustard (Erysimum) occurring in Azerbaijan [in Azerbaijani with summary in Russian]. p. 51.
Aliev, R.K., IUzbashinskaia, P.A. - Effect of galenicals from the root rind of upland cotton on the contractility of unstriated uterine muscles under experimental conditions. p. 59.
Mamedbeili, G.D. - History of the telescope. p. 71.
Alimirzoev, Kh.O. - Lenin's program for building socialism in the U.S.S.R. [in Azerbaijani with summary in Russian]. p. 75.
Asadov, A. - Patent rights [in Azerbaijani with summary in Russian]. p. 91.
Khatami, N.Z. - Some notes on the phonetics of modern Persian [in Azerbaijani with summary in Russian]. p. 101.
Shafai, A. - Classification of complex sentences in Persian [in Azerbaijani with summary in Russian]. p. 115.

No. 12, 1955.
Table of contents translated:
Guseinov, A.I. - Positive solutions for nonlinear integral equations with a kernel linear in respect to the parameter [in Azerbaijani with summary in Russian]. p. 3.
Guseinov, G.P. - Some problems of the oil-water boundary shift of the well. p. 19.
Kocharli, K., Bakhyshev, A. - Thermal dissociation in liquid dielectrics [in Azerbaijani with summary in Russian]. p. 31.
Lebedev, A.G. - Methods for the estimation of underground resources of petroleum and use of geological statistical curves in estimating residual resources for secondary exploitation methods. p. 37.
Aliev, R.K., and others. - Chemical composition of the herbage and roots of parsley, cultivated in Azerbaijan, and effect of parsley preparations on the cardiovascular system. p. 53.
Iman-zade, S. - Women of Azerbaijan in the struggle for the socialist industrialization of their country [in Azerbaijani]. p. 63.
Movsumov, D.G. - Some problems of the history of the organization of courts in Azerbaijan [in Azerbaijani with summary in Russian]. p. 77.
Makhmudov, G.Sh. - Aspects of the agreement of the verb in modern literary Persian. p. 87.
Subject index to articles published in "Uchenye zapiski" of the S.M. Kirov State University of Azerbaijan in 1955. p. 97.
Author index to articles published in "Uchenye zapiski" of the S.V. Kirov State University of Azerbaijan in 1955. p. 101.

No. 4, 1956.
Table of contents translated:
Ibragimov, I.I. - Mean quadratic approximation of complex variable functions in infinite domains by means of entire functions of finite degree. p. 3.
Kocharli, K.Sh. - Study of the dielectric constants of petroleum and petroleum products. p. 13.
Dzottsoti, S.Kh. - Method for the separation and determination of coexisting nitrites and nitrates. p. 19.
Musaev, E.IU. - Studying the histology of the skin of various sheep breeds and strains raised in Azerbaijan. p. 23.
Aliev, R.K., and others. - Chemical composition of Georgian treacle mustard (Erysimum Iberieum Adams.) occurring in Azerbaijan and the effect on the cardiovascular system of galenicals derived from it. p. 27.
Erivanskii, M.M. - Agrarian question in Rome during the Civil War in the forties and thirties of the first century B.C. p. 39.
Mamedov, M.M. - Two stories by Dzhalil Mammedkulizade [in Azerbaijani]. p. 53.
Kagramanov, V.P. - Concept of recidivism according to Soviet criminal law [in Azerbaijani with summary in Russian]. p. 65.
Abilov, A.A. - Prosperity of Daghestan in the fraternal union of the peoples of the U.S.S.R. p. 77.
Magomedov, R.M. - History of the joint struggle of the peoples of Daghestan and Azerbaijan against foreign usurpers. p. 85.
Nazarevich, A.F. - Cultural and historical ties of Azerbaijan and Daghestan in the folklore and poetry of Daghestan. p. 95.
Mekhtikhanova, R. - Azerbaijani plays on the stage of Daghestan theaters. p. 101.
Manaev, K.I. - "Marriage and family in the U.S.S.R." p. 107.

DZAUDZHIKAU. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SEVERO-OSETINSKOI ASSR. Izvestiia [SCIENTIFIC RESEARCH INSTITUTE OF THE NORTH OSSETIAN A.S.S.R. Bulletin]. Vol.16, 1954.

Table of contents translated:

Dzokaev, K.Kh.,Totoev, M.S. - Glorious pages from the history of the Ossetian people. p.3.
Dzokaev, K.Kh. - Socialist reforms in Northern Ossetia under Soviet rule. p.15.
Totoev, M.S. - The Ossetian people in its struggle against muridism and Shamil. p.48.
Skitskii, B.V. - Class problems in Northern Ossetia in the second half of the 19th and the beginning of the 20th century. p.69.
Dzokaev, K.Kh. - Agriculture of the North Ossetian Autonomous S.S.R. at the 30th anniversary of its autonomy. p.101.
Kozyreva, T.Z. - Verbal prefixes and their basic functions in the Ossetic language. p.112.
Kulaev, N.Kh. - Serious mistakes in a grammar of the Ossetic language [in Ossetic]. p.135.
Kozyreva, T.Z. - Ossetic-Russian dictionary. p.151.
Bibliography of monographs and articles published in 1950, 1951, 1952 and the first half of 1953 on the subject of North Ossetian history, economy, agriculture, nature, linguistics, literature, culture, and art. p.158.
Subject matter. p.158.
Author index. p.200.
List of sources. 204.

ERIVAN. GOSUDARSTVENNYI RUSSKII PEDAGOGICHESKII INSTITUT. Studencheskii nauchnyi sbornik [STATE RUSSIAN PEDAGOGICAL INSTITUTE. Students' Scholarly Papers]. No. 3, 1955.

Table of contents translated:

From the Council of the Student Scientific Society. p.5.
Tatinian, I., Mkrtchian, L. - Valerii Briusov on Armenian poetry. p.11.
Barten'ov, B. - Autumn, Lyric; verse. p.21.
Mkrtchian, L. - Heinrich Heine and his political poetry. p.23.
Tarasiuk, S. - To V.Maiakovskii; verse. p.50.
Nuriatov, E. - Prerevolutionary Baku in the works of Al.Shirvanzade. p.51.
Vorl'eva, A. - Verse. p.74.
Dantelian, T. - Phraseological parallels in Armenian and Azerbaijani. p.75.

KIEV. UNIVERSYTET. Naukovi zapysky [UNIVERSITY, Scientific Records]. Vol. 9, no. 4, 1950. IUrydychnyi zbirnyk [Juridical Papers], no. 4.

Table of contents translated:

Pokrovskii, V.S. - V.G. Belinskii and his place in the history of Russian political thought. p.5.
Tikhenko, S.I. - Soviet criminal legislation in the struggle against the theft of socialist property. p.25.
Braiatin, IA.M. - Some problems in the theory on elements of a crime in Soviet criminal law. p.47.
Matveev, G.K. - Guilt as a basis for liability. p.71.
Indychenko, P.D. - New contract of machine-tractor stations with collective farms in practice. p.86.
Lisovskii, V.I. - Problems in the execution of the decisions of arbitration courts in foreign trade. p.105.

Vol. 9, no. 5, 1950. Trudy Kanivs'koho biogeograficznoho zapovidnyka [Transactions of the Kanev Biogeographical Preserve], no. 8. [In Ukrainian and Russian.]

Table of contents translated:

Bogusevich, V.A. - Ancient Slavic settlement on the Pilipenko Mountain. p.5.
Bratchevskii, M. - Ancient Slavic monuments. p.11.
Borshovyi, P.M. - Sedum maxima, a profitable honey plant. p.25.
Hlevats'ka, IE.D. - Flora of the Kanev Biogeographical Preserve and its vicinity. p.29.
Zorova, M.IA. - Mycorhizal fungi on several types of trees in the Kanev Preserve. p.55.
Lypa, A.L. - Parks in the Ukrainian S.S.R. and their use. p.65.
Lavits'ka, Z.H. - Parasitic fungi on herbaceous ornamental plants in the forest-steppe region to the right of the Dnieper. p.93.

Vol. 12, no. 6, 1953. Matematychnyi zbirnyk [Mathematical Papers], no. 7.

Table of contents translated:

Gnedenko, B.V. - Two lectures on the philosophy of mathematics. p.5.
Shilov, G.E. - Certain attributes of closure and completeness of a system of functions. p.37.
Latyshova, K.IA. - Subnormal series as solutions for linear differential equations of arbitrary rank. p.49.
Sidliar, M.M. - Plane dynamic problem for the distribution of stress in a circular elastic cylinder. p.67.
Gikhman, I.I. - A theorem of A.N. Kolmogorov. p.75.
Latysheva, K.IA. - Finding finite solutions for linear differential equations of a particular type. p.95.

Vol. 15, no. 1, 1956. Zbirnyk Ekonomichnoho fakul'tetu [Papers of the Department of Economics], no. 1. [In Ukrainian.]

Table of contents translated:

Laskin, S.T., Panchenko, M.P. - Heavy industry is the basis for the development of socialist economy. p.5.
Horbenko, IE.M. - Basic methods for lowering industrial production costs. p.17.
Sholomii, IU.M. - Role of prospective planning in the development of collective farm communal economy. p.35.
Shul'ha, Z.P. - Preparatory measures for the collectivization of agriculture in the Ukraine. p.57.
Holoborod'ko, O.N. - Control by the workers in the Ukraine. p.81.
Zhuchenko, V.S. - History of the dissemination of Marx's economic theory in the Ukraine during the second half of the 19th century. p.97.
Kruhliak, O.O. - Economic views of P.A.Ilrabovs'kyi. p.111.
Koi, P.P. - Features of S.Podolins'kyi's social and economic views. p.125.
Mikhn'ov, P.M. - Some problems in the economic development of postwar France. p.151.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records], no. 198, 1956. Seriia filologicheskikh nauk [Series in the Philological Sciences], no. 24. Ocherki po leksikologii, frazeologii i stilistike [Essays on lexicology, phraseology, and stylistics].

Table of contents translated:

Meshcherskii, N.A. - Interpretation of the vocabulary of the "Tale of Igor's expedition." p.3.
Lebedeva, A.I. - Word formation in the toponymics of Pskov Province. p.10.
Khaustova, I.S. - History of the vocabulary of manuscript copies of "Vedomost'" at the end of the 17th century. p.51.
Borisova, M.B. - Types of dialogue in "Enemies," a play by Gor'kii. p.96.
Liul'ko, N.P. - Stylistic analysis of A.P.Chekhov's play "The three sisters." p.125.
Mzhel'skaia, O.S. - Local vocabulary in Pskov business Russian of the 14th and 15th centuries. p.163.
Larin, B.A. - Studies in phraseology; on the systematizing and methods of studying phraseological materials. p.200.
Sokolova, M.A. - Root words; based on noun material. p.225.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol. 11, no. 16, 1956. Seriia fiziki i khimii [Series in Physics and Chemistry], no. 3.

Table of contents translated:

TSvetkov, V.N., Krym, I.A. - Photoelastic effects in copolymer methilmethacrylate and styrene. p.5.
Mikhailov, I.G., Shutilov, V.A. - Speed of sound and the compressibility of aqueous solutions of inorganic acids. p.16.
Zaidel', A.N. - Spectrum analysis of pure metals. p.29.
Gol'tsman, F.M. - Graphic method for the frequency analysis of seismic waves. p.45.
Bochkova, O.P., Shreider, E.IA. - Spectrum analysis of gases subjected to near-atmospheric pressures. p.57.
Shchukarev, S.A., Lobaneva, O.A. - Application of spectrophotometry for studying complex formation in solutions. p.64.
Storonkin, A.V. - Some aspects of thermodynamics of systems subjected to conditions of material isolation. p.74.
Susarev, M.P., Smirnova, N.A. - Investigating three-phase equilibria in the system: aniline - aniline hydrochloride-water at temperatures of 25° C. p.85.
Karpova, I.F., Ignat'eva, L.A. - Structural and osmotic properties of colloidal and sedimented copper ferrocyanide membranes. p.105.
Skorokhodov, S.S. - Infrared spectra of $\alpha$-oxides. p.110.
Venus-Danilova, E.D., Pavlova, L.A., Fabritsy, A. - Effect of the structure of $\alpha$-glycols of acetylene series on their conversion. p.117.

LVOV. UNIVERSITET. Dopovidi ta povidomlennia [UNIVERSITY. Reports and Notes]. No. 3, pt. 2, 1952.

Table of contents translated:

Vashchenko, A.T. - Division of western regions of the Ukrainian S.S.R. into natural and historical districts. p.3.
Vashchenko, A.T. - Main problems in the transformation of nature in the western regions of the Ukrainian S.S.R. p.4.
TSys', P.N. - Development stages of the relief of the Soviet Carpathians. p.7.
Koinov, M.M. - Geography of mountain pastures in Stanislav Province. p.8.
Kucheruk, A.D. - Development of erosion processes in western Podolia and the fight against them. p.10.
IAroshenko, P.D. - The greatest value of I.V.Stalin's works in the creative development of biology. p.12.
Litvinov, L.S. - Results of scientific research in the application of bacterial fertilizer during 1951. p.14.
IAroshenko, P.D., Bukhalo, M.A. - Improvement of pastures in the South Ukrainian Canal region. p.15.
Grebinskii, S.O. - Effect of fertilizers on the development of characteristics in wheat and tomato hybrids. p.18.
Grebinskii, S.O. - Increased potato yield by means of culling in order to plant only heavy tubers. p.19.
Novikova-Dantsiger, T.I. - Role of the nervous system in the permeability of salivary glands. p.20.
Pan'kiv, R. - Climatic conditions for growing grapes in Lvov Province. p.21.
Shishova, E.I. - Preliminary results of testing new wild forage plants in Lvov. p.22.
Kryp'iakevych, P.I. - Morphotropy and polymorphism of intermetallic phases of RX and $RX_2$ type compounds. p.25.
Soboleva, O.S. - Equilibriums in magnesium sulfate-nickel sulfate-water system. p.26.
Hladyshevs'kyi, IE.I. - Solid solutions as the base of binary intermetallic phases. p.28.
Baranov, S.N., Malinovskii, M.S. - Thermal disintegration of ethylene oxide and propylene oxide in the presence of certain oxide catalysts. p.30.
Zolotukhin, V.K. - Volumetric determination of aluminum. p.31.
Molotkova, A.S. - Permanganatemetric determination of certain organic hydroxy acids. p.32.
TSvetkov, N.S., IUrzhenko, A.I. - Effect of promoter concentration on the speed of polymerization of styrene in an emulsion. p.33.
IUrzhenko, A.I., Kucher, R.V. - Study of the speed of diffusion of colloidal electrolytes in aqueous solutions. p.35.
IUrzhenko, A.I., Guslakov, V.P. - Study of dispersion of synthetic latexes in relation to the nature and concentration of the emulsifier and the monomer. p.36.
Komlev, O.I. - Lvov glauconite as a base for water softening and paint production. p.38.
Polonskii, T.M. - Distribution of ions between the solid and soluble phases. p.39.
Rogachenko, V.F. - N.I.Lobachevskii's discovery of the method of approximate solution of numerical algebraic equations. p.40.
Alemaikin, F.I. - Growth of mono-derivative ammonium phosphate crystals from a solution. p.41.
Alemaikin, F.I. - Electric conductivity of mono-derivative ammonium phosphate crystals. p.42.
TSvetkov, V.P., Kovalevskii, A.N., Kravtsova, N.F. - Some applications of differential filters in X-ray structural analysis. p.43.
Podstrigach, IA.S. - Expanding convergence fields in developing Kepler's coordinates of motion. p.44.
Elenevskaia, N. - Application of a new method for developing the perturbation function for mean value variants of the problem of three bodies. p.46.
Kovan'ko, A.S. - Convergence of sequences of functions in certain metric spaces. p.47.

No. 4, pt. 2, 1953.

Table of contents translated:

Vashchenko, A.T. - Some tasks of Soviet economic geography in the light of resolutions of the 19th Party Congress and I.V.Stalin's work "Economic problems of socialism in the U.S.S.R." p.3.
TSys', P.N. - The main structural morphological features of the structure of the Soviet Carpathians. p.7.
Andrianov, M.S. - Division of Lvov Province into climatic regions. p.8.
Zil'ber, G.A. - Some characteristics of Lvov Province surface waters. p.11.
Koinov, M.M. - Division of Stanislav Province into physical geographical regions. p.14.
Zil'ber, G.A. - Paleogeography of Lvov Province. p.16.
Orel, N.D. - Physical geographical characteristics of western Ukrainian Polesye. p.21.
IAroshenko, P.D. - New data on the dynamics of vegetation belts in the Carpathians and their role in the transformation of nature. p.24.
Shishova, E.I. - Results of two years of experimentation with wild forage legumes in Lvov. p.26.
Bukhalo, M.A. - Results of two years of experimentation with wild forage grasses in Lvov. p.28.
Grebinskii, S.O., IAroshin, B.I. - Vitamin C in desert plants. p.30.
Gobgardt, A.G., Makushevskaia, G.A. - Effect of the concentration factor of micro-organisms on their propagation. p.32.
Vyzhykovs'ka, V.IA. - Species composition and distribution of soil algae in Lvov soils. p.33.
Tymyi, N.V. - Development of the silkworm in the Lvov region. p.34.
Medianik, I.A. - Materials on I.P.Pavlov's study of neural regulation of the antitoxic function of the liver at different age periods. p.36.
Medianik, I.A. - Effect of decholin on the secretory function of the liver in dogs of different age groups. p.38.
Zakhvatkin, V.A., Ivasik, V.M. - Improvement of fisheries such as the "Borshchovka" Fish Farm of the Lvov State Fishery Trust. p.39.
Palii, M.A. - Parasitofauna of fishes at the Berezhany Pond Fishery. p.42.
Palii, M.A. - New species of slimy sporozoa of pond fishes in western regions of the Ukrainian S.S.R. p.44.
Strautman, F.I. - Ornithogeographical division of the Soviet Carpathians. p.47.
Strautman, F.I. - Role of river valleys in the distribution of plain bird species in the Soviet Carpathians. p.51.
Strautman, F.I. - Settlement of the Barbary dove in Europe. p.54.
Kovank'ko, A.S. - Compactness of systems of B.Levitan's almost-periodic functions. p.57.
Kostovskii, A.N. - Quadricity of continuous surfaces given in polar coordinates. p.58.
Kostovskii, A.N. - Possibility of solving problems in plotting with one compass having a limited jaw span. p.59.
Zaryts'kyi, M.O. - Homeomorphic immeasurable representations. p.59.
Kvit, I.D. - Comparison of empiric distributions of two independent samples for some sections of the variance of argument. p.60.
Skorobogat'ko, V.IA. - Clear solution of Cauchy's problem of a generalized hyperbolic equation with three arguments. p.61.

Elenevskaia, N. B. - Development of Kepler's coordinates of motion for the case when eccentricity is near unity. p. 65.
Alemalkin, F. M. - Natural oscillations of crystalline bars of an arbitrary section of ammonium dihydrophosphate. p. 67.
Alemalkin, F. M. - Natural oscillations of crystalline flakes of an arbitrary section of ammonium dihydrophosphate on the basis of thickness. p. 68.
TSvetkov, V. P. - Using thin crystalline layers in studying X-ray scattering by liquid metals. p. 71.
Sen'kiv, M. T. - Effective cross section of double scattering of mesons on the threshold of the effect. p. 71.
Fleishman, N. P. - Equivalent reinforcement of openings in plates. p. 73.
Stepanov, V. E. - Methods for determining temperatures of sunspots. p. 73.
Stepanov, V. E., Kopystianskii, A. A. - Diffraction spectrograph with double image and great resolving power. p. 74.
Kaplan, S. A. - Formation of stars. p. 74.
Teplitskaia, R. B. - Colorimetry of the outer corona of the sun, February 25, 1952. p. 75.
Kapko, IA. T. - Photographic photometry of the sun's corona, 1952. p. 76.

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies], vol. 84, 1955. Kafedra fiziologii cheloveka i zhivotnykh, Kafedra gistologii i anatomii [Department of Human and Animal Physiology, Department of Histology and Anatomy], no. 2.

Table of contents translated:

Kasl'anov, V. M. - Changes in the conditioned reflex activity in dogs following extripation of the motor zone of the cerebral cortex. p. 3.
Kas'ianov, V. M. - Physiological characteristic of a motor impulse described by the method of neural anastomosis. p. 17.
Rozen, V. B. - Rapidity of formation and stability of a conditioned reflex depending on the strength of the conditioned stimulus and the intensity of unconditioned reinforcement. p. 31.
Levina, T. B. - Dynamics of an unconditioned defense reflex in adaptation reactions of the body according to electrocardiographic data. p. 43.
Chilingarian, L. I. - Methods for the separate collection of saliva produced by conditioned and unconditioned reflexes in conditioned reflex experiments. p. 47.
Kas'ianov, V. M., Gumener, P. I. - Compensation mechanisms in developing working movements of artificial fingers formed from a human forearm stump. p. 53.
Kas'ianov, V. M., Gumener, P. I. - Role of the visual analysor in compensatory processes in man following the operation of splitting the forearm. p. 71.
Kas'ianov, V. M., Gumener, P. I. - Role of the motor analysor at various stages of compensation following surgery for splitting the forearm. p. 85.
Guberniev, M. A., Kovyrev, I. G. - Regenerative processes in the digestive glands during secretion. p. 95.
Chilingarian, L. I. - Changes in the excitability of a nerve depending on the quality of agents causing parabiosis. p. 111.
Sukharev, V. I. - Methods of teaching human anatomy in teachers' institutes in the light of the resolutions of the 19th Congress and the Central Committee of the Communist Party of the U. S. S. R. on improving the training of specialists. p. 121.
Sukharev, V. I. - Basis and main principles of an introductory lecture on biology in the Natural History Department in the light of the resolutions of the 19th Congress of the Communist Party of the Soviet Union. p. 127.
Sukharev, V. I. - Morphological and functional changes in the organism as affected by climatic factors in the dry subtropics of the Turkmenian S. S. R. p. 135.
Birjukova, K. A. - Morphological changes in the exocrine cells of the pancreas under the influence of secretin. p. 171

Vol. 89, 1956. Kafedra russkogo iazyka [Russian Language Department], no. 6.

Table of contents translated:

Bilnov, I. IA. - Russian speech intonation. p. 3.
Valgina, N. S. - Possessive adjectives in 16th and 17th century Russian literature. p. 15.
Vasilevskaia, E. A. - History of Russian word formation. p. 35.
Deribas, L. A. - Rare cases of the use of the gerund and gerundial constructions in modern Russian. p. 49.
Kochineva, O. K. - The meanings of adverbs with the suffix -o(e) in modern Russian. p. 59.
Kut'ina, K. I. - Adverbs used with preposition and noun to form a combination functioning as a dependent word. p. 69.
Meilina, N. A. - Demarcation between independent and dependent infinitive. p. 79.
Nikolenko, L. V. - Practical project methods in the study of modern Russian. p. 95.
Prokopovich, N. N. - Observations on the syntax of the adjective in modern Russian. p. 103.
Usinov, I. V. - Methods in a special seminar on the Russian language. p. 121.

MOSCOW. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol. II, no. 6, June 1956. Seriia fiziko-matematicheskikh i estestvennykh nauk [Series in the Physical and Mathematical Sciences and Natural History].

Table of contents translated:

Kumynin, L.I. - Solution of a Cauchy problem for an infinite system of ordinary differential equations. p. 3.
Netrebko, V.P. - Nonuniform torsion of an elastic parallelepiped. p. 11.
Savinov, G.V. - Self-vibrating systems with parametric self-excitation. p. 27.
Goriaga, G.I., Shvidkovskii, E.G. - Effect of insoluble admixtures on the viscosity of molten metals in case of undercooling. p. 33.
Petrov, P.A., Kuzovnikov, A.A. - Direct components of corona discharges in high-frequency fields. p. 39.
Ivanov, V.N. - Investigation of noises by means of electron-beam tubes. p. 47.
Shulkin, N.I., Viktorova, E.A., Cherkashin, M.I. - Contact catalytic conversions of phenols. Part 1. Conversions of 1,3,4,-xylenol on a nickel-alumina catalyst and in a hydrogen stream. p. 57.
Levina, R.IA., Shabarov, IU.S. - Synthesis of hydrocarbons. Part 55. Diacetates of saturated 1,4-diols. p. 61.
Lapitskii, A.V., Efimov, A.F. - Study of the solubility of tantalates of alkaline earth metals. p. 67.
Beliavskaia, T.A., Fadeeva, V.I. - Quantitative separation of beryllium from certain elements by means of ion exchange chromatography. p. 73.
Pronin, V.A. - Investigating the possibility of cultivating hard wheat in non-Chernozem regions. p. 81.
Barykina, R.P. - "Pseudo-root" suckers of Juneberry (Amelanchier rotundifolia). p. 87.
Sitina, E.A. - Interaction of soil algae with higher plants. p. 93.
Uspenskii, S.I. - Role of static factors in the formation of the human brain-case. p. 99.
Bekker, E.G. - Origin and development of insect wings. Part 3. Mesothorax of May flies (Ephemeroptera) and the evolution of the flying apparatus of the insects. p. 105.
Koniukhov, I.A. - Basic lithofacial characteristics of middle Jurassic deposits in Daghestan. p. 111.
Beznosov, N.V., Shevyrev, A.A. - Lifetime injuries of the shells of Jurassic ammonites. p. 123.
Nikolaev, V.A. - Relief of the Volga-Akhtuba flood plains and their agricultural evaluation. p. 131.
Voskresenskii, S.S. - Classifying the fluvial forms of alluvial lands. p. 141.
Lomonosov lectures in 1956:
Department of Geology. p. 147.
Department of Mechanics and Mathematics. p. 149.
Department of Biology and Soils. p. 152.
Museum of Earth Sciences. p. 157.
Awarding Lomonosov prizes. p. 161.
Interuniversity conference on the division of the U. S. S. R. into natural districts for agricultural purposes. p. 161.
Results of the student contest for the best scientific work. p. 162.
Cooperation with the industry. p. 164.

TASHKENT. UNIVERSITET. Trudy Sredneaziatskogo gosudarstvennogo universiteta [UNIVERSITY. Transactions of the Central Asia State University]. No. 42, 1953. Biologicheskie nauki [Biological Sciences], no. 15.

Title translated:

Ryzhov, S.N., Eremenko, B.E. - Irrigation of cotton. 40 p.

Title transliterated: Ryzhov, S.N., Eremenko, B.E. - Polivy khlopchatnika. 40 p.

No. 53, 1954. Biologicheskie nauki [Biological Sciences], no. 17.

Table of contents translated:

Romanov, I.D. - Embryological study of the cotton plant. p. 3.
Pashchenko, Z.M. - Dynamics of development of the embryo in different cotton varieties of the species G. Hirsutum L. p. 59.
Toshchevikova, A.G., Mysina, A.V., Sokolova, N.A. - Biochemical characteristics of early and late cotton varieties against the background of factors accelerating their development. p. 71.
Todorov, N.A., Neshina, A.I. - Development of cotton plants as affected by the density of stands. p. 89.
Todorov, N.A., Neshina, A.I. - Effect of nitrogen and phosphate nutrition on the fruiting and yield of cotton. p. 127.
Ibragimov, M.Kh. - Phosphate nutrition of the cotton plant. p. 141.
Kiranova, D.M. - Biology and economic significance of Orius albidipennis Reut. p. 149.

No. 60, 1954. Biologicheskie nauki [Biological Sciences], no. 19. Pochvovedenie i agrometeorologiia [Soil Science and agricultural meteorology].

Table of contents translated:

Orlov, M.A. - Ancient cultivated oasis soils in the Messerian Plain. p. 3.
Elkina, O.G. - Studying the microflora of soil walls p. 21.
Ryzhov, S.N. - Movement of soil moisture, water relations of soil, and methods for determining the time for irrigating cotton. p. 33.
Elkina, O.G. - Characteristics of mineralization processes in virgin Sierozem soils. p. 45.
Orlov, M.A., Nagornaia, V.I., Pustovoit, S.N. - Fertility of genetic horizons of cultivated oasis soils, virgin Sierozem soils and "duval" soils. p. 69.
Abdullaev, Kh.A. - Characteristics of some soils on the right bank of the Bukhara Oasis. p. 87.
Kamaev, S.V. - Problem of classifying eroded Sierozems in the dry-farming region of the Angren Valley. p. 101.
Babushkin, L.N. - Studies on the agricultural meteorology of Uzbekistan and their practical application. p. 117.

No. 73, 1955. Biologicheskie nauki [Biological sciences], no. 20.

Title translated:

Romanov, I.D. - Embryological study of the cotton plant. Part 2. 43 p.

Title transliterated: Romanov, I.D. - Embriologicheskie issledovaniia khlopchatnika. Part 2. 43 p.

TIFLIS. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. No. 59, 1956.

Table of contents translated:

Nutsubidze, Sh.I. - More about the mystery of the pseudo-Dionysius; an introductory article. p. 1.
Honigmann, E. - Peter the Iberian and the pseudo-Dionysius Areopagita's works. p. 19.
Khavtassi, Gr. - Definition of the system of H. Reine's literary views [in Georgian with summary in Russian]. p. 79.
Lobzhanidze, F. - K. Marx on the distribution of the combined national wealth [in Georgian with summary in Russian]. p. 113.
Lomouri, N. - Explanation of an item in Constantinus Porphyrogenitus' works [in Georgian with summary in Russian]. p. 135.
Dzhorbenadze, S. - Types of ownership in the European people's democracies [in Georgian with summary in Russian]. p. 147.
Imnaishvili, I. - History of studies on the vocabulary of the Old Georgian language [in Georgian]. p. 179.

UKRAINS'KA VIL'NA AKADEMIIA NAUK. Seriia: Litopys [UKRAINIAN FREE ACADEMY OF SCIENCES. Series: Chronicle]. Winnipeg, no. 15, 1957. [In Ukrainian.]

b) POPULAR MAGAZINES

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth of Lenin]. Kiev, no. 12, Dec. 1956. [In Ukrainian.]

BELARUS' [WHITE RUSSIA]. Organ of Praulenne Saiuza pis'mennikau BSSR and Respublikanskae tavarystva pa raspaustudzhvanniu palitychnykh i navukovykh vedau [Administration of the Association of Writers of the White Russian S. S. R. and State Society for Dissemination of Political and Scientific Knowledge]. Minsk, vol. 13, no. 10(147), Oct. 1956. [In White Russian.]

Table of contents translated:

IUrevich, Ul. - Journey into the world of technology; the All-Union Industrial Exhibition. p. 1.
Piankrat, M. - A man moves ahead; a sketch. p. 3.
Melezh, Ivan. - It rains in the the mountains; a story. p. 4.
Kaval', L. - First millions; a sketch. p. 8.
Biahanskaia, IAdviha. - Unfinished letter; a story. p. 10.
Kireenka, Kastus'. - Answer; verse. p. 11.
Naumenka, I. - The bard of the people. p. 12.
Pranuza, Pauluk. - The artist, The negative role; verse. p. 13.
Haurusiou, Stsiapan. - Night will come; verse. p. 13.
Martynau, B. - Back home. p. 14.
Adabashau, I. - Last locomotive. p. 16.
Davidovich, A. - From days gone by. p. 16.
Zarytski, Aliaksei. - Better language, In the outskirts of Leipzig, Way to truth; verse. p. 17.
Bahushevich, IUryl. - At the Lenin stadium. p. 18.
Markouka, D. - Named after IAkub Kolas. p. 20.
TSikhanovich, V. - The water bittern. p. 21.
Zub, Valiantsin. - It happened in a forest; a story. p. 22.
Uspenski, Vik. - The present. p. 26.
Kastryiski, A. - E. Thaelman. p. 27.
Bas, I. - From the literary past. p. 28.
Nikalaeu, B. - Laboratories in a forest. p. 29.
Kazeka, IA. - Stories by I. Shamiakin ("First date"; stories). p. 30.
Kudrautsau, I. - The second book ("Confession" by IAuhen Vasilionak). p. 30.
Nisnevich, L. - V. V. Stasov; on the 50th anniversary of his death. p. 31.

Idel'son, Ul. - Outstanding fighter for peace; on Eugénie Cotton's 75th birthday. p. 31.
Z. Z. - The gyrobus. p. 31.
Kryvitski, A. - Chinese writing and its reform. p. 32.

**KITAI [CHINA].** Published by "Narodnoe iskusstvo" [People's art]. Peiping, no. 8, Aug. 1956.

Table of contents translated:
Flight to Lhasa. p. 2.
Mechanized cultivation of rice fields. p. 4.
High mountains have submited and rapid rivers gave way. p. 5.
A thousand and eleven suggestions for efficient measures. p. 10.
Agricultural experiment station on the Tibet plateau. p. 12.
From manual work to machines. p. 14.
Reply to an English friend. p. 16.
Hydroelectric power station on a cooperative farm. p. 18.
Fair at the foot of the Mount Ch'ang Shan. p. 20.
Shanghai dockers. p. 22.
"Zhavoronok," the Rumanian ensemble. p. 24.
Unforgettable impression. p. 25.
Hello my native village. p. 29.
"Fifteen thousand coins." p. 32.
Lacquer articles. p. 34.
Brief news. p. 37.
Friendly tennis and badminton competitions. p. 38.
Yugoslavian artists in Peiping. p. 39.
More about humane treatment. p. 40.

**No. 10 (78), Oct. 1956.**

Table of contents translated:
The Eighth Congress of the Chinese Communist Party. p. 1.
In memory of Lu Hsün. p. 4.
The Muztagh Ata summit has been subjugated. p. 6.
Utilization of red soils. p. 10
In the wide steppe. p. 13.
Telephone on a cooperative farm. p. 16.
Cement. p. 18.
In the Omei Mountains. p. 20.
Subjugation of gas. p. 22.
Paintings from the collection of President Sukarno. p. 25.
To Nasi girl. p. 28.
Shanghai house for cultural entertainment. p. 29.
Artistic ivory carving. p. 32.
Third generation railroad engineer. p. 34.
The picnic. p. 36.
Brief news. p. 37.
The school year has started. p. 38.
Sports. p. 40.

**KROKODIL [CROCODILE].** Issued by gazeta [newspaper] "Pravda." Moscow, vol. 35, nos. 34(1468)-35(1469), Dec. 1956.

**KYIV [KIEV].** Published by Bohdan Romanenchuk. Philadelphia, vol. 7, no. 6(39), Nov.-Dec. 1956. [In Ukrainian.]

**MURZILKA [TINY TOT].** Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 12, Dec. 1956.

**MY I SVIT. WE AND THE WORLD.** Paris, vols. 7-8, nos. 32-33, Dec. 1956 - Jan. 1957. [In Ukrainian.]

**OGNI STOROZHEVYE. THE GUARDIAN LIGHTS.** Published by Julia Prigodina. New York, no. 4, [Nov. 1956?]

**OGONEK [THE LITTLE LIGHT].** Moscow, vol. 34, no. 40(1629), Sep. 1956.

Table of contents translated:
Eighth All-China Congress of the Communist Party of China. p. 1.
International seminar of women. p. 3.
Lu Hsün's anniversary. p. 3.
At Moscow State University. p. 3.
Members of the Indonesian Parliament. p. 3.
Guests of 'Ogonek.' p. 3.
Novikov, Andrei. - The fair at Saloniki. p. 4.
Rinbchikov, E. - The jet-plane age. p. 5.
Shumov, V. - Cherenkovites from the iron foundry; 25th anniversary of the Kharkov tractor plant. p. 6.
Shaporin, IU. - Distinguished composer. p. 6.
Yasui, Kaoru. - Bombs and the people. p. 7.
Vasil'ev, Sergei. - From an "Autumn notebook." p. 8.
Chou Li-po. - The electric lamp. p. 9.
Borovnik, G. - Beginning anew in P'aip'enyao. p. 10.
Ferenchuk, Anatolii. - Varen'ka; a story. p. 13.
Poltorak, A. - History lesson. p. 17.
Hardy, Frank. - All roads lead to Melbourne. p. 19.
Battushkov, IU. - Field handball. p. 19.
Loginova, E. - Meeting the Hungarians. p. 20.
Fomenko, IA. - A farm beyond Tret'iakovtsy. p. 23.
Khrabrovitskii, D., Vedeev, V. - On the trail. p. 25.
Romanov, A. - Egyptian poets "Poems by Egyptian poets." p. 29.
Markov, Georgii. - Sixtieth birthday of F.I.Panferov. p. 29.
Tolchenova, N. - Davy Mallory, a scientist "My brother, my enemy" by Mitchell Wilson. p. 29.
Flohr, S. - The cup stays in Moscow. p. 30.
Flohr, S. - Worthy opponents. p. 30.
Ol'ga Rubtsova, world champion. p. 30.
Gaikov, Vasilii. - My reviews. p. 31
Chumak, P. - A sun stove. p. 32.
Young citizens. p.32.

Vol. 34, no. 41(1630), Oct. 1956.

Table of contents translated:
Il'evskii, Z. - Fifteen years later. p. 2.
Ishkov, A.A. - Become acquainted and make friends with each other. p. 3.
Beckir, Erwin. - The contribution to the cause of peace. p. 4.
Nesterov, M. - Brussels, 1958. p. 5.
Guests of "Ogonek." p. 5.
Morozov, S. - Ship for long voyages. p. 6.
Serbin, A. - Jules Moch: "Contacts are very useful." p. 7.
L'vov, B. - The largest hall in the country. p. 8.
Nikolaeva, E. - French painters. p. 8.
Rekemchuk, Aleksandr. - Expectations; a story. p. 9.
Il'icheva, I. - Narrow-gauge diesel locomotives. p. 10.
Khelemskii, IAkov. - Evening in the Tatra Mountains; verse. p. 11.
Sidorenko, Nikolai. - Two poems. p. 11.
At Dubna on the Volga. p. 12.
"Silence"; letters to the editor. p. 13.
Lerov, L., Cherevkov, K. - Beginning of a new life. p. 14.
Fedorenko, N. - Writer of modern China. p. 17.
Kulakovskaia, T. - Motion-picture studio beside the sea. p. 21.
Shumov, V. - The Lvov puppet theater. p. 21.
Simonov, Evg. - Ascending Pobeda Peak. p. 22.
Lapin, IA. - A family of ballet dancers. p. 24.
Soradskii, IU. - Cloisonné. p. 24.
Shustikov, V. - Singers of the trans-Baikal region. p. 24.
Khrabrovitskii, D., Vedeev, V. - On the trail; a story (to be continued). p. 25.
Amshinskii, M. - Recent developments at Ryazan. p. 29.
Kulikovskii, P. - Astrophysical observatory at Byurakan. p. 29.
Smirnov-Cherkozov, A. - The racket; a story. p. 30.
Ting Li. - How the poet Li Po escaped from school; translated from the Chinese. p. 31.
Flohr, Salo. - Great chess player. p. 32.
Grigor'ev, A. - Works of Ural stonecutters. p. 32.

Vol. 34, no. 42(1631), Oct. 1956.

Table of contents translated:
More vegetables. p. 1.
Kunaev, D.A. - A billion poods from Kazakhstan. p. 2.
Poliakovskii, V. - A Mexican painter about his conversation with the President of Egypt. p. 2.
Iroshnikova, Ir. - Automatic assembly lines. p. 4.
Chuikii, M.I. - We found a friendly atmosphere here. p. 6.
Sudets, V.A. - Guests of English airmen. p. 7.
Hughes, Emrys. - "Solve the Suez Canal problem peacefully." p. 7.
Grigor'ev, A. - Changed city. p. 8.
Drachinskii, Nikolai. - Walk through Belgrade. p. 9.
Gribachev, Nikolai. - Somebody else's guilt; a story. p. 10.
Borisova, Maiia. - Spruces; verse. p. 12.
Zolinskii, Kornolii. - Poetry of the generation. p. 13.
Ivanov, IUrii. - In the crater of an active volcano. p. 14.
Gay fair. p. 16a.
Nikolaeva, E. - Artists of Indonesia. p. 16b.
Movchan, V. - Ponds in the rice fields. p. 17.
Poliakovskii, Maks. - Animated fables. p. 18.
Kuts, V. - Ten thousand motors. p. 19.
Moshkov, V. - For 50 years.
Baksheev, V. - Traditions. p. 21.
Sofronov, A. - Long journey; story about a flight to Japan. p. 22.
Khrabrovitskii, D., Vedeev, V. - On the trail; a story (continuation). p. 27.
Flohr, S. - Two games of Alekhin. p. 31.
Aleksandrov, V. - Rare animals. p. 31.
Ananian, Vakhtang. - The truce; a hunter's story. p. 32.

Vol. 34, no. 43(1632), Oct. 1956.

Table of contents translated:
Bread for Russia. p. 1.
Radov, G. - Kuban in the Altai. p. 2.
Semenov, IUlian. - The capital city of Afghanistan. p. 3.
Sinol'nikov, A. - At the congress of therapeutists. p. 4.
Levin, L. - The road has been built by their own means. p. 4.
Khrabrova, N. - Gold of Tootel. p. 5.
Garnakor'ian, Ashot. - Horizons of the Don; verse. p. 6.
To Soviet friends about our friends from China. p. 7.
A telephone call to Yves Montand. p. 7.
Fomenko, IA. - In the mountains of a preserve. p. 8.
Nagibin, IUrii. - Weimar and vicinity; a story. p. 9.
Kruzhkov, Nik. - Ves'egonsk, a quiet city. p. 12.
Steklov, V. - Disaster on the Niagara. p. 15.
Jacovielli, Alberto. - Ridiculous discussion. p. 15.
Miletskii, IA. - Colored lines on the panel. p. 16.
Paintings of Petr Petrovich Konchalovskii 1876-1956. p. 16a.
Naidich, E. - An unknown letter of Pushkin. p. 17.
Pimenov, Vl. - First visit to Moscow. p. 18.
Rudin, Vl. - The shop is at lunch. p. 18.
Ermakov, V. - Italian motion pictures on the Soviet screen. p. 19.
Korobkov, G. - There will be a strong competition. p. 20.
Sofronov, A. - Children of Hiroshima; a story about a flight to Japan. p. 22.
Khrabrovitskii, D., Vedeev, V. - On the trail; a story (to be concluded). p. 26.
Kassil', Lev. - "The Spartak" style. p. 30.
Flohr, S. - Play as Alekhin used to. p. 30.
Shatrov, S. - No needle in the haystack; a story. p. 31.
Smirnov, Oleg. - Tomatoes; a story. p. 31.
Sosnovskii, I. - Live rattles. p. 32.

Vol. 34, no. 44(1633), Oct. 1956.

Table of contents translated:
On the eve of October. p. 1.
Businesslike and frank discussion. p. 2.
Abramova, A. - Belgian painters. p. 2.
Afghan guests in the U.S.S.R. p. 3.
Kiselev, F. - On the building site of a grain and flour mill combine in Kabul. p. 3.
Fridliand, S. - A giant machine. p. 4.
Meskhi, I. - Open track for Chiatura manganese. p. 4.
Il'icheva, I. - The Elets lace. p. 4.
Two hundred thousand purchases in one single day. p. 4.
Fofanova, Margarita Vasil'evna. - In an apartment on Serdobol'skaya street. p. 5.
Kassis, V. - The Peiping opera theater. p. 6.
Gastov, A. - Collection of the art museum in Tula. p. 6.
Vasil'ev, P. - A bright life; on the 50th anniversary of V.V.Stasov's death. p. 9.
Pevzner, M. - History of a flag. p. 9.
Panferov, Fedor. - Step faster, brother; a chapter from a tale. p. 10.
Tiurina, L. - In Southern states; a letter from the U.S.A. p. 14.
Shustikov, Vl. - Changes on the Amur. p. 15.
Kriger, Evgenii. - The forty-first. p. 16.
Khwaja Ahmad Abbas. - A people speaks to a people. p. 17.
Pokrovskii, G. - Passenger atomic airplanes of the future. p. 18.
Inskala, T. - The central collective farm market in Riga. p. 19.
Sofronov, A. - The truth about Okinawa. p. 20.
Maksimov, N. - The first lesson; a story. p. 23.
Khrabrovitskii, D., Vedeev, V. - On the trail; a story. (conclusion). p. 25.
Marshak, S. - Two fairy tales; verse. p. 29.
Larin, B., Frolov, V. - The 113th and others; a sketch. p. 30.
Abdul Rauf khan Benava. - I have no time; a story. Translated from the Afghan. p. 31.
Urazov, I. - Why we speak as we do. p. 32.
Chechelkin, V. - Two-headed grass snake. p. 32.
Flor, Salo. - Fewer "Grand Masters" draws. p. 32.

Vol. 34, no. 47(1536), Nov. 1956.

Table of contents translated:
Drachinskii, Nikolai. - Port Said, November 12. p. 2.
Morzhanov, M. - Historical documents. p. 3.
Black deeds of counterrevolution. p. 4.
Hungary returns to peaceful life. p. 5.
Borovik, G. - They are from Taiwan. p. 6.
Panfilov, A. - Seven thousand letters from Poland. p. 7.
Shumov, V. - Everyday life in "Kolkau." p. 8.
Vereiskii, Orest. - In Italian cities. p. 8.
Alekseev, Mikhail. - On a visit to Dobud'ko; excerpt from a tale. p. 11.
Safronov, A. - In Tokyo; story of a flight to Japan. p. 14.
Blum, Isabella. - In Singapore. p. 16.
Godenko, Mikhail. - Father; verse. p. 18.
Ershov, G. - Wide and expansive ("On the broad expanses"; tales and stories by Boris Zubavin). p. 18.
Vengrov, N. - Portrait of a poet ("S.IA. Marshak"; sketch of his life and work by B. Galanov). p. 19.
Korean classic poetry. p. 19.
Morozova, V. - Verse of Inger Hagerup ("Verse" by Inger Hagerup). p. 19.
Semushkin, Tikhon. - Study of the small nations of the north ("The noncapitalistic path of the development of small nations of the north" by M. A. Sergeev). p. 19.
Starikov, Viktor. - The radio operator from the "Al'batros"; a story. p. 20.
Molikhov, Georgii. - Noble mission of the painter. p. 23.
Sergeev, A., Troitskaia, T. - Cosmetics, massage, plastic surgery. p. 24.
Serafimov, E. - "Ural" solves the problems. p. 25.
Vladimirova, G. - Cotton under current. p. 26.
Klimova, V. - How old are ores? p. 25.
Konlushkova, T. - New surgical needles. p. 26.
Grozdova, Aleksandra. - Mother; a story. p. 26.
Zinger, Maks. - Kamchatka monuments. p. 27.
Kagarlitskii, Vl. - Marvellous alloy. p. 28.
Chmel', P. - Rural motion-picture operator. p. 28.
Before the Olympic Games. p. 29.
Narin'iani, Sem. - Cephalopodic man; a story. p. 30.
Minkevich, Vl. - Rare treasures. p. 31.
Anikeev, Vl. - Achilles. p. 32.
Alekseev, B. - Swift's prognostication. p. 32.

**OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS].** Organ of Moskovskii komitet and Moskovskii gorodskoi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Moscow Committee and Moscow City Committee of the Communist Party of the Soviet Union]. Moscow, no. 71, 1956.

Table of contents translated:
Chadaev, IA. - What are the prospects for the de-

velopment of the national economy in the eastern and northern regions of our country. p. 3.
Khachaturov, M. - Cultural development in the sixth five-year plan. p. 6.
Izirysh, A. - Does a foreman have the right to give a bonus to a worker? p. 19.
Fasin, M. - What are the regulations for setting up an horticultural collective for workers and employees? p. 22.
Kurdinovskii, IU. - What are "tagged atoms"? p. 31.
Zagladin, V. - What is "people's capitalism"? p. 43.
Demidenko, A. - What is "colonialism"? p. 52.
Gurevich, O. - Iran. p. 60.

No. 12, 1956.
Table of contents translated:
Lirtsman, M., Trefilov, I. - New law on state pensions. p. 3.
Omarov, A. - What is the economic obsolescence of industrial equipment. p. 10.
Vainshtein, G. - What is the Volga-Kama cascade of hydroelectric power stations? p. 17.
Rozenberg, S. - Where will a young man better understand life and more wisely choose his profession? p. 27.
Kolesov, N. - The V. I. Lenin Central Stadium. p. 35.
Lebedev, S. - Machines that count and translate. p. 45.
Pakistan, an Islamic Republic. p. 51.
Kotlov, L. - Jordan. p. 57.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 16, no. 21, Nov. 1956. [In Ukrainian.]

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, vol. 33, no. 10(395), Oct. 1956. [In Ukrainian.]
Table of contents translated:
Senchenko, I. - Two days out of the life of Zhenia and Levko; a story (conclusion). p. 1.
Fedosenko, O. - U.S.S.R. is a country of advanced culture; a sketch. p. 4.
Bilous, Dmytro. - My dear doves; verse. p. 6.
Volkov, K. - Mystery of a nameless island; science fiction. Translated from the Russian. p. 7.
Zychko, V. - Profession of writers. p. 12.
Slavchuk, V. - The youngest combine operator; a sketch. p. 13.
Exhibition of children's works. p. 16.
Doloman, IE. - Dmytro's dreams; a story. p. 10.
Slipchuk, P. - The master of forests; a fairy tale in verse. p. 21.
Zhanats'kyi, IU. - Greetings from the Hungarians. p. 22.
Festival of young people. p. 24.
IUshchenko, O. - Watermelons; verse. p. 25.
Children's technical works. p. 26.
Zatulova'kyi, B. - Power of subjugated atoms. p. 28.
Balumenko, D. - City on the sea. p. 31.
Puzzle for clever ones. p. 32.

RODNYE DALI [BELOVED VISTAS]. Los Angeles, Calif., no. 34, Jan. 1957.

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, no. 12, Dec. 1956. [In Moldavian.]

SOGLASIE [CONCORD]. Published by Russkoe soglasie [Russian Concord]. Los Angeles, Calif., vol. 6, no. 63, Jan. 1957.

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, no. 11(81), Nov. 1956.
Table of contents translated:
Kazakhstan and the Russian Federation have reaped an unexampled harvest. p. 1.
Normalization of Soviet-Japanese relations. p. 3.
Friendship that has stood the test of time. p. 4.
Assault. p. 5.
Encounter of planets. p. 8.
At the remote borders of Siberia. p. 10.
Fire in a mine. p. 12.
Cooperation. p. 16.
On the rural roads. p. 18.
Vereiskii, Orest. - Egypt, Syria, Lebanon. p. 20.
From the Carpathians to Lake Baikal. p. 22.
Foltanovskii, Maks. - At uncle George's. p. 23.
The night of the carnival. p. 24.
Privalov, Bor. - We went to school. p. 25.
Kozhevnikova, K. - I and my family. p. 29.
Winged ship. p. 32.
Made in the Ural Mountain region. p. 32.
To their own school. p. 32.
Terror of the Ussuri taiga. p. 32.
Back home from Argentina. p. 33.
Fiehr, Salo. - Tournament of nations. p. 36.
Brief news. p. 37.
London applauds the Soviet ballet. p. 38.
Rubin, E. - To Melbourne. p. 40.

UKRAINS'KE HROMADS'KE SLOVO. UKRAINIAN COMMUNITY WORD. Issued by Ukrains'ka Hromada im. Mykyty Shapovala v ZDA [Ukrainian Mykyty Shapovala Society in the U.S.A.]. Brooklyn, vol. 4, no. 12(48), Dec. 1956. [In Ukrainian.]

VSESVIT. THE UNIVERSE. Neu-Ulm, vol. 2, no. 5(9), Oct.-Dec. 1956. [In Ukrainian.]

## 2. BIBLIOGRAPHY

### a) BIBLIOGRAPHY

BIBLOS: ZHURNAL BIBLIOGRAFII, KRYTYKY I RETSENZII [JOURNAL OF BIBLIOGRAPHY, CRITICISM, AND REVIEWS]. New York, vol. 3, no. 1(21), Jan. 1957. [In Ukrainian.]

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 48-49, 1956.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. Sbornik [PUBLIC LIBRARY. Collected Papers]. Vol. 2, 1954.
Table of contents translated:
Foreword. p. 3.
Geiman, V. G. - Vice Admiral IA. S. Barsh's "Journal." Part I: 1707-1725. p. 7.
Troitskaia, A. L. - The land and water policy of the Khiva khans in 1850, 1857. p. 75.
Zaborova, R. B. - Two unpublished V. G. Belinskii manuscripts. p. 89.
Naidich, E. E. - N. A. Dobroliubov's "Remarks on modern Russian orthography." p. 105.
Liapunova, A. S. - Manuscript sources of M. I. Glinka's opera "Ivan Susanin." p. 109.
Rozov, N. N. - An 18th-19th century secular book in manuscript from A. A. Titov's collection. p. 127.
Makarov, V. K. - Historical study of engravings from the time of Peter the Great. p. 147.
Makarov, V. K. - First view of Petersburg. p. 161.
Fedoseeva, E. P. - Monument of Peter the Great. p. 163.
Mikhaleva, A. N. - Brief report on new accessions in the Manuscripts Division during 1952. p. 171.
Liapunova, A. S. - A catalog of the M. I. Glinka archives. p. 187.
Borodkin, L. M. - A survey of manuscript plans of Petersburg from the 18th century and beginning of the 19th century. p. 235.
Granstrem, E. E. - Instructions for cataloging Russian documents of the 17th century; draft. p. 271.
Illustrations to the articles by A. L. Troitskaia, and others. p. 289.

Vol. 3, 1955.
Table of contents translated:
Foreword. p. 3.
Geiman, V. G. - Vice Admiral IA. S. Barsh's "Journal." The second part: 1726-1740. p. 7.
Index to IA. S. Barsh's "Journal." p. 40.
Babintsev, S. M. - I. A. Krylov; new material. p. 50.
IAmpol'skii, I. G. - An unpublished letter of I. I. Panaev's on Victor Hugo. p. 61.
Zaborova, R. B. - Unpublished letters of I. S. Turgenev. p. 65.
Naidich, E. E. - Autographs of Russian writers in the P. L. Vaksel collection. p. 89.
Liapunova, A. S. - A. K. Glazunov's manuscript legacy. p. 103.
Troitskaia, A. L. - "Kuruk," preserves, of Khan Khudaiar of Kokand. p. 122.
Beskrovnii, V. M. - Indic manuscripts written in Russia. p. 157.
Rozov, N. N. - New accessions from A. A. Titov's collection. p. 171.
Brief report on new accessions in the Manuscript Division during 1953-1954. p. 187.
Index to personal names in the "Report on new accessions." p. 200.
Supplement. Tables and illustrations to IA. S. Barsh's "Journal." p. 205.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 49, 1956.

——Dopolnitel'nyi vypusk, July-Sep. 1956.

——Vspomogatel'nye ukazateli, Jan.-Dec. 1956.

MEZHDUNARODNAIA KNIGA. Knigi na russkom iazyke [Books in the Russian language]. No. 15, 1950. [MICROFILM]

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Novye knigi, Nov.-Dec. 1955 [PUBLIC LIBRARY. New Books, Nov.-Dec. 1955]. Nos. 9-10, 1955-1956.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 43, Dec. 1956.

NOVYE KNIGI ZA RUBEZHOM [NEW BOOKS ABROAD]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 7(100), July 1956. Ser. A.
Table of contents translated:
Physics, chemistry, mathematics, mechanics, astronomy, and geology [reviews of foreign literature]. p. 3.
Brief news. p. 118.
List of books on exact sciences received by the State Publishing House for Foreign Literature, May 1-31, 1956. p. 122.

Vol. 9, no. 8(101), Aug. 1956. Ser. B.
Table of contents translated:
Technology [reviews of foreign literature]. p. 3
Brief news. p. 125.
List of books on technology received by the State Publishing House for Foreign Literature, May 1-June 15, 1956. p. 133.

Vol. 9, no. 9(102), Sep. 1956. Ser. V.
Table of contents translated:
Biology and agriculture [reviews of foreign literature] p. 3.
Brief news on science. p. 114.
List of books on biology, medicine, and agriculture received by the State Publishing House for Foreign Literature, July 1-31, 1956. p. 118.
Annotated list of books on biology and agriculture published in Russian translations by the State Publishing House for Foreign Literature. p. 122.

Vol. 9, no. 10(103), Oct. 1956. Ser. A.
Table of contents translated:
Physics, chemistry, mathematics, mechanics, astronomy, and geology [reviews of foreign literature] p. 3.
Brief news. p. 129.
List of books on exact sciences received by the State Publishing House for Foreign Literature, June 1-August 31, 1956. p. 136.
Annotated list of books published in Russian translations by the State Publishing House for Foreign Literature. p. 154.

SOVETSKIE KNIGI (novinki); katalog dlia zakaza [Soviet BOOKS (New Publications); Order Catalog]. Published by Vsesoiuznoe ob"edinenie [All-Union Association "Mezhdunarodnaia kniga." Moscow, nos. 87, 93, 1956.

SVODNYI BIULLETEN' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia II: Obshchestvennye nauki [UNION LIST of New Foreign Books Received by the Libraries of the U.S.S.R. Series II: Social Sciences]. Moscow, no. 2(10), 1956.

### b) LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [The LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 10, Oct. 1956.
Table of contents translated:
Improve the promoting of sociopolitical literature. p. 1.
Zakharova, M. - Be active in recommending politics books. p. 7.
Bogatova, G., IAkovleva, M. - To the new construction project in the East and North. p. 11.
Shliaev, I. - We shall bring the book to every home. p. 18.
Nikolaeva, O. - Taking the book to the collective farmer. p. 21.
Vyliginа, V. - For active use of the book collections in a province library. p. 20.
Multanovskaia, G. - Advice to the librarian on the promoting of technical literature. p. 28.
Romashov, G. - Use the riches of the Academy libraries more extensively. p. 33.
Vorozhtsov, A., Chirakhov, P. - Our international book exchange program. p. 36.
Sul'e, N. - Conference of foundry-worker readers. p. 39.
Rusanova, E. - Features in the work of the libraries of labor reserves. p. 40.
Niuksha, IU. - Illuminating device used in book reception. p. 41.
Kananov, P. - "Visible file" card indexes. p. 42.
Metelkin, N. - "A librarian at the gathering of the harvest." p. 44.
Teplov, D. - "The library's promoting of books in natural science." p. 40.
Brief news.

No. 11, Nov. 1956.
Table of contents translated:
Serve the machinery operators better. p. 1.
Kudriashkin, N. - Let the book help collective-farm production. p. 8.
Ivanova, A. - Promoting belletristic literature in minority languages. p. 11.
Aizenberg, T. - Basic factors in building library collections. p. 14.

Peshkova, V. - Exhibition of technical books at a factory. p. 20.
TSvetkova, E. - Educational work among students. p. 22.
Vasil'ev, G. - Second calling. p. 28.
Message from Czechoslovak librarians. p. 31.
Chebotareva, E. - Respected reader of a library. p. 32.
Gallautdinova, F. - "Literary news," a spoken magazine. p. 33.
Volkov, E. - Why isn't there agreement in textbooks? p. 34.
Mavricheva, K. - First rural public library in White Russia. p. 37.
Shabanova, V. - Province libraries' posters. p. 41.
Soviet Union news items. p. 44.
Foreign news items. p. 45.

c) PRINTING & THE BOOK TRADE

MOSCOW. MOSKOVSKII POLIGRAFICHESKII INSTITUT. Nauchnye trudy [MOSCOW PRINTING INSTITUTE Studies], No. 3, 1956.
Table of contents translated:
Mordovin, B. M. - Principles for calculating the productivity and efficiency of printing machinery. p. 5.
Tiurin, A. A. - Analyzing the principal paper-cutting machine designs. p. 25.
Morozov, M. G., Voskresenskii, M. I. - Methods of calculating power requirements for inking devices. p. 55.
Popriadukhin, P. A. - Determining the intensity of black printing inks. p. 71.
Klimchko, I. R., Lukina, I. V., Mavrovskaia, V. IA. - Studying the effect of cations and anions on adsorption in offset printing. p. 77.
Andreev, IU. N. - New thermodynamic method for determining cohesive forces between fluids and solids. p. 91.
Egorov, A. A. - Some problems in the theory of graphitization of wrought iron. p. 113.
Krestovnikov, A. N., Gastev, S. S. - Kinetics of chemical zinc etching. p. 135.
Kazakov, N. F. - Experimental investigation of the dynamics of high-speed metal cutting in using low-inertia mechanisms. p. 143.
Goncharov, A. D. - How I worked on the illustrations of Heine's "Selected works." p. 171.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie rasprostraneniia i ekspedirovaniia pechati Ministerstva sviazi SSSR [Main Administration for the Dissemination and Distribution of Printed Matter of the Ministry of Communications of the U. S. S. R.]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
Editorial: Speed up the subscription rate from the first days of the campaign. p. 1.
Fedorov, R. - Role of the instructors of the city branch in the subscription campaign. p. 3.
Dorner, I. - Seven hundred new subscription centers. p. 4.
Ludmer, B. - Carefully study newspaper and periodical catalogs. p. 5.
Emmanuilov, V. - Our practice in organizing readers' conferences. p. 6.
Demchenko, V. - How we ensure full circulation. p. 7.
Kovalev, D. - Carry out your main function. p. 9.
Vinnikov, I. - Draw up orders for periodicals correctly. p. 10.
Lukashevich, I. - Problems in supply and handling orders in the retail trade. p. 11.
At the V. I. Lenin Central Stadium. p. 12.
Gel'fand, M. - What to answer our customers? p. 14.
Puzanov, N. - We dissipate many working hours. p. 15.
Kavtaz'ev, A. - Where should the offices of Union Press instructors be located? p. 16.
Pshikhozhev, S. - In the Adyge Autonomous Province. p. 17.
Kuznetsova, A. - Seminars for newsstand operators. p. 17.
Petrov, P. - Crediting procedure based on circulation. p. 18.
Lolferman, S. - Five-hundred thousand above plan. p. 20.
Kaplanov, G. - Whom are we to blame? p. 20.
Belov, P. - Favorite profession. p. 20.
Koshol', F. - We have changed our methods of work. p. 20.
Vanag, I. - For irreproachable work of many years. p. 21.
Shelogov, M. - Sell postage stamps. p. 21.
Umanskii, F. - Hours of work and rest of Union Press workers. p. 22.
Follow-up of materials printed in "Rasprostranenie pechati." p. 23.
Answering our readers' questions. p. 24.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Glavnoe upravlenie izdatel'stv, poligraficheskoi promyshlennosti i knizhnoi torgovli Ministerstva kul'tury SSSR [Main Administration of Publishing Houses, Printing Industry, and Book Trade of the Ministry of Culture of the U. S. S. R.]. Moscow, no. 10, Oct. 1956.
Table of contents translated:
Fulfill the year's plan! p. 1.
Golyshkov, A. - Remarks on the exhibition of Soviet books in France. p. 3.
Kuznetsova, M. - Our workdays. p. 8.
Nikonov, A. - On the streets of Kiev. p. 9.
Brikhanov, B. - First city book fair. p. 10.
Fed'ko, V. - Work of the department for trade outside the store. p. 10.
Councils to assist stores in the distribution of books. p. 11.
Shukhat, I. - What kind of card indexes should stores have? p. 12.
Shushanskii, N. - My proposals. p. 13.
Goncharenko, A. - Our experience. p. 13.
Magnetshtein, S., Chernichkin, G. - More on card indexes. p. 15.
Votinkov, P. - Sixty years with books. p. 15.
Petrova, Z. - Colporteur of a district store. p. 15.
Bondarev, M. - Active purchasers and promoters. p. 16.
Gurevich, G. - Has the consumers' cooperative of the Ukraine increased the sale of books? p. 17.
Burdo, M. - How the Brest District Consumers' Union improved the book trade. p. 18.
Tikhonova, K. - The central delivery of books. p. 19.
Ravich, L. - Chkalov Province Consumers' Union on Olympus. p. 19.
Shtromberg, M. - Organize the methodological administration of the central supply of books. p. 20.
Paskevskii, L. - Our work with libraries. p. 20.
Popov, A. - A library for every collective farm. p. 21.
Dobrushin, V. - A book in every railroad worker's home! p. 21.
Nikol'skii, L. - People play lotto in Rovno. p. 23.
Letters to the editor. p. 24.
Abroad. p. 27.
Ask and we answer. p. 28.
Brief news. p. 28.

3. PHILOSOPHY & RELIGION

b) RELIGION

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 36 [i. e. 35], no. 12, 1956.

ORTHODOX EASTERN CHURCH, RUSSIAN, PATRIARCH. ZHURNAL MOSKOVSKOI PATRIARKHII [JOURNAL OF THE MOSCOW PATRIARCHATE]. Moscow, no. 7, July 1956.
Table of contents translated:
Easter greetings from the heads of autocephalous Orthodox churches received by His Holiness, Patriarch Alekstii. p. 3.
Easter greetings received by Nikolai, Metropolitan of Krutitsk and Kolomna. p. 6.
Telegram greeting. p. 10.
Answers to the greeting. p. 10.
Charter of declaration from the new head of the Greek Orthodox Church. p. 11.
Answer to the charter of declaration. p. 12.
Resolutions of the Holy Synod. p. 13.
Foreign guests in the Moscow Patriarchate. p. 14.
Representatives of the Russian Orthodox Church attend receptions in honor of foreign guests. p. 14.
Departure of the Russian Christian church leaders' delegation for the United States. p. 14.
The delegation of representatives of the Christian churches has left for Moscow. p. 15.
Return of the church delegation to Moscow. p. 15.
Departure of a group of Russian Orthodox theologians for the German Federal Republic. p. 16.
Prelatic activities. p. 17.
Varfolomei, Metropolitan of Novosibirsk and Barnaul; obituary. p. 18.
Nomination and ordination of Archimandrite Donat. p. 22.
Address by Alekstl, Patriarch of Moscow and All Russia, on conferring the crozier to Donat, newly consecrated Bishop of Blisk. p. 24.
Letters from Palestine. p. 26.
Bishop Mikhail. - Cathedral of the Assumption in Smolensk. p. 28.
Metropolitan Nikolai. - The seed. p. 34.
Osipov, A. - Old Testament peacemakers. p. 38.
Thoughts of the Fathers of the Church: Christian love of peace, the inner foundation for a peaceful life, mutual reconciliation, the high merit of man, the significance of peace for salvation. p. 40.
Kharluzov, N. - Disarmament. p. 42.
Usponskii, L. - The representation of Christ's resurrection. p. 44.
Potapov, I. - Jacob's well. p. 46.
Priest-monk Ioann. - A spiritual axe. p. 47.
Efimov, I. - Renunciation of St. Peter the Apostle. p. 48.
Efimov, I. - Saul's conversion. p. 51.
Kharlamov, P. - Penance in ancient Russia. p. 54.
Ivanov, A. - Russian Orthodox Church and the Orthodox East (conclusion). p. 58.
Belovisev, I. - The Ostromir Gospel, 1056-1057. p. 64.
Decease of Spyridon, Archbishop of Athens. p. 69.
Installation of the new head of the Greek Orthodox Church. p. 70.
Metropolitan Nikolai. - At the Church festivals in Czechoslovakia. p. 71.
Biography of the new head of the Orthodox Church in Czechoslovakia. p. 75.
The Bible, or the books of Holy Scripture of the Old and New Testaments in Russian translation, with references to parallel passages and an index of passages to be read in the churches. p. 76.

No. 8, Aug. 1956.
Table of contents translated:
Telegram. p. 3.
Letters from the National Council of the Churches of Christ in the U. S. A. p. 3.
Arrival of the Church of England delegation in Moscow. p. 5.
Prelatic activities. p. 6.
Nomination and ordination of Archimandrite Alekstl (Konoplev). p. 8.
Address by His Holiness, Patriarch Alekstl, on conferring the crozier to the newly consecrated Bishop Alekstl. p. 10.
At the Leningrad Theological Academy and Seminary. p. 11.
At the Odessa Theological Seminary. p. 12.
At the Saratov Theological Seminary. p. 13.
At the Minsk Theological Seminary. p. 14.
At the Volyn Theological Seminary. p. 14.
At the Stavropol Theological Seminary. p. 15.
IAkovlev, N. - The Church of St. John the Warrior in Moscow. p. 15.
Metropolitan Nikolai. - Rule of life. p. 18.
Declaration by the World Peace Council. p. 21.
Letter to the governments of the U. S. A., U. S. S. R., and Great Britain. p. 22.
Metropolitan Nikolai. - Noteworthy and historical days. p. 22.
Metropolitan Nikolai. - Statement on arriving in the U. S. A. p. 38.
Statement by Nikolai, Metropolitan of Krutitsk and Kolomna, prior to the initiation of discussions with the representatives of the National Council of the Churches of Christ in the United States of America. p. 39.
Metropolitan Nikolai. - Problems of peace. p. 39
Metropolitan Nikolai. - Address to the assembly of the National Council of the Churches of Christ in the U. S. A. p. 41.
Communiqué. p. 42.
Potapov, I. - Mount Tabor. p. 44.
Viktorov, P. - The Orthodox understanding of dogma. p. 46.
Priest-monk Pavel. - The identity of moral perfection and salvation. p. 53.
Priest-monk Athanasius. - Reverence for the holly relics. p. 59.
Khibarin, I. - Third anniversary of the restoration of the patriarchate in Bulgaria. p. 64.
Parilskii, L. - Trip to West Germany at the invitation of the Evangelical Church. p. 66.
From Professor Iwand's letter. p. 67.
Uspenskii, N. - Worship in the Church of England. p. 68.

PRAVOSLAVNAIA RUS'. ORTHODOX RUSSIA. Published by Holy Trinity Russian Orthodox Monastery, Jordanville, N. Y., vol. 27, nos. 23(616)-24(617), Dec. 1956.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 52, no. 12, Dec. 1956.

TSERKOVNAIA ZHIZN'. CHURCH LIFE. Published by Arkhiereiskii Sinod Russkoi Pravoslavnoi TSerkvi zagranitsei [Synod of the Bishops of the Russian Orthodox Church Abroad]. Jordanville, N. Y., vol. 21, no. 7/12, July-Dec. 1955; vol. 22, no. 1/6, Jan.-June 1956.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N. J., vol. 8, no. 1, Jan. 1957. [In Ukrainian.]

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukraine'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Ottawa, vol. 20, no. 2(38), Dec. 1956. [In Ukrainian.]

4. HISTORY

a) GENERAL

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut istorii. Trudy [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Institute of History. Transactions]. Frunze, no. 2, 1956.
Table of contents translated:
Taiybekova, Zh. - Measures taken by the party and the Soviet government for the liberation of the Kirghiz woman in 1917-1926. p. 5

D 41

Il'iasov, S.I. - Beginnings of the economic community of the Kirghiz people. p.19.
Umetbaev, K. - Territorial community of the Kirghiz people in the prerevolutionary period. p. 29.
Kibirov, A., Kozhemiako, P.N. - New findings from the Bronze Age. p.37.
Buchanskii, D.M. - Some data on the help of the Russian people to the Kirghiz people in the building of socialism. p.47.
Baruzdin, IU.D. - Kara-Bulak tomb. p.57.
First founding congress of the soviets of the Kirghiz A.S.S.R. p.71.
Umetov, D. - "Semitrech'ye," a novel by N. Chekmenev. p.97.
Amitin-Shapiro, Z.L. - Bibliography of Soviet literature on the archaeology of Kirghizistan, 1918-1954. p.109.
Kibirov, A.K.; obituary. p.153.

AKADEMIIA NAUK SSSR, Institut slavianovedeniia. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Slavic Studies. Brief Reports]. Moscow, no. 19, 1956.

Table of contents translated:

Khrenov, I.A. - Scholarly collaboration of the Institute of Slavic Studies with the scholars of the Slavic people's democracies. p.3.
Macek, J. - Historical significance of the liberation of Czechoslovakia by the Soviet Army. p.6.
Graca, B. - Some phases of the fight for national liberation by the peoples of Czechoslovakia during the Second World War. p.17.
Wirth, Z. - The common land of the Czechs and Slovaks. p.27.
Leśnodorski, B. - The revolutionary trend in the uprising of 1794. p.31.
Arnold, St. - Problem of the genesis of the manor in Poland. p.41.
Bardach, J. - Class struggle of the Polish peasantry during the formation of a commodity economy; 12th century to the middle of the 14th century. p.46.
Ivanov, I.D. - Documents on Russian-Serbian revolutionary relations in the 1880's. p.64.
Kostiushko, I.I. - Appeal of Polish democrats to Russian soldiers. p.78.
Moskalenko, A.E. - The social, economic, and political system of the city of Split in the 13th and 14th centuries. p.84.
Valeva, O.P. - "Outline history of Australia, 1918-1939," V.M. Turok. p.94.
Zaborov, M.A. - "The conquest of Constantinople; chronicle by Geoffroi de Villehardouin," V. Nikolaev. p.102.
Dzendzelevskii, I.A. - Slavic studies in the Uzhgorod State University. p.113.

AKADEMIIA NAUK SSSR, Institut vostokovedeniia. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oriental Studies. Brief Reports]. Moscow, no. 18, 1956. IAzykoznanie [Linguistics].

Table of contents translated:

Pashkov, B.K. - The contribution of Russian scholars to the study of the Manchu language and literature. p.3.
Kuznetsov, P.I. - Periphrastic forms in Turkish. p.19.
Barkhudarov, A.S. - Word formation in modern literary Hindi. p.34.
Zograf, G.A. - Hindi, Urdu, and Hindustani; use of the terms. p.49.
Orlovskaia, M.N. - The basic nominal parts of speech in Mongolian; nouns and adjectives. p.56.
Gorbacheva, Z.I. - Materials for Tangut studies in the Orientalists' Archives of the Institute of Oriental Studies of the Academy of Sciences of the U.S.S.R. p.66.
Zograf, G.A. - Negatives used with the verb in Hindustani. p.74.
Alekseev, V.M. - The role played by 19th century Russian Sinologists in lexicography. p.79.
Twenty-third International Congress of Orientalists. p.84.
Kononov, A.N. - Altaic section. p.84.
Belinev, E.A. - Islamic studies section. p.85.
Kovalev, E.K. - Conference of Sinologists in Holland. p.87.
[Akhontov, S.E. - A.A. Dragunov. p.89.
Dragunov, A.A. - List of scholarly publications. p.94.

No. 21, 1956.

Table of contents translated:

Lysenko, I.A. - The scientific and technical collaboration between the Soviet Union and the Chinese People's Republic. p.3.
Glunin, V.I. - The agrarian policy of the Chinese Communist Party during the third revolutionary civil war, 1946-1949. p.15.
Rastiannikov, V.G. - Forms of the feudal exploitation of the peasantry in colonial Punjab. p.28.
Tiagai, G.D. - The penetration of European powers into Korea in 1830-1860. p.39.
[Akovlev, A.G. - The role of the People's Liberation Army in the economic construction of the outlying districts of the Chinese People's Republic during 1950-1955, using Sinkiang as an example. p.54.

Pertseva, K.T. - Intensifying the proletarianization of the Japanese peasantry after the Second World War; trades, seasonal work in the city, and hired labor. p.71.
Latyshev, I.A. - "History of the Japanese People" [in Japanese] by Hani Goro. p.83.
Topekha, P.P. - "The Meiji restoration"[in Japanese] by Toyama Shigeki. p.90.

AKADEMIIA NAUK URSR, Kiev. Institut istorii. Naukovi zapysky [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of History. Studies]. Kiev, vol. 7, 1956. Istorychni zv'iazky slov'ians'kykh narodiv [Historical bonds among the Slavic peoples]. [In Ukrainian.]

Table of contents translated:

Velykovych, L.N. - Achievements of the Bulgarian people in building socialism. p.3.
Marakhov, N.I. - Fraternal friendship between the Polish and Russian peoples. p.21.
Kompaniets', I.I. - Military career of Czechoslovak and Polish military units, formed during the Great Patriotic War of the Soviet Union on the territory of the U.S.S.R. p.36.
Klokov, V.I. - Participation of the Poles, Czechs, and Slovaks in guerrilla fighting during the Great Patriotic War of the Soviet Union in the Ukraine and White Russia. p.62.
Peters, I.A. - Aid of Soviet guerrillas to the Slovak national uprising in 1944. p.87.
Dzlubko, I.S. - Struggle of the Czechoslovak Communist Party for a solution to the nationality problem. p.113.
Kalenychenko, P.M. - Causes of the collapse of bourgeois-landowner Poland in September 1939. p.147.
Karpenko, O.IU. - Peasant uprising in the summer of 1932 in the southeastern mountain region of Poland. p.169.
Martynenko, A.K. - Bulgaria in the Balkan Alliance of 1912. p.189.
Bolev, IU.O. - Policy of the enslavement of Serbia by western powers during the First Balkan War. p.213.
Heil, František. - The liberation struggle of the Ukrainian people in the first half of the 17th century and the policy of the Vatican and the Habsburgs. p.230.
Klokov, V.I. - History of the militant friendship between the peoples of the Soviet Union and Yugoslavia in their struggle against the German fascist occupants. p.252.
Shlepakov, A.M. - Failure of imperialist plans to determine the Polish-Soviet frontier at the time of the Second World War. p.268.
Kovalenko, L.A. - Biography of Yaroslaw Dąmbrowski. p.282.
Hranchak, I.M. - Valuable source for the history of the revolutionary struggle of Czechoslovak workers. p.286.
Santsevych, A.V. - Studying the history of Slavic people's democracies at the Institute of History of the Academy of Sciences of the Ukrainian S.S.R. p.301.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Issledovaniia i materialy. INSTITUTE FOR THE STUDY OF THE U.S.S.R. [Investigations and Materials]. Munich, ser.1, no.33, 1956.

Title translated:

Kovan'kovskii, P.L. - Budget of the U.S.S.R., historical and critical survey. 151 p.

Title transliterated: Kovan'kovskii, P.L. - Biudzhet SSSR; istoriko-kriticheskii obzor. 151 p.

Ser.2, no.50, 1956.

Title translated:

Kostetskii, I. - Soviet theatrical policy and the Stanislavskii system. 110 p.

Title transliterated: Kosteiskii, I. - Sovetskaia teatral'naia politika i sistema Stanislavskogo. 110 p.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Vestnik. INSTITUTE FOR THE STUDY OF THE U.S.S.R. [Journal]. Munich, no. 3(20), July-Sep. 1956.

Table of contents translated:

Novak-Decker, N. - Professor P.L. Kovan'kovskii's anniversary. p.5.
Avtorkhanov, A. - Stalinism in Khrushchev's interpretation. p.9.
Polezhaev, A. - Development of industrial resources of the U.S.S.R. in the sixth five-year plan. p.31.
Krylov, V. - The 20th Congress of the Communist Party of the Soviet Union and problems of labor productivity in the U.S.S.R. p.56.
Speranskii, V. - Literary works of Dostoevskii and the Soviet state. p.73.
Rzhevskii, L. - Dostoevskii's anniversary in the U.S.S.R. p.81.
Lazarevich, I. - Measures for the control of tuberculosis in the U.S.S.R. p.94.
E.N. - History of the relations between the Soviet state and the church in the Far East. p.101.
Konstantinov, D. - Some trends in the liturgy of the Orthodox Church in the U.S.S.R. p.106.
Shpilevoi, V. - "Reflections on the failure of socialism"[in English] by Max Eastman. p.[illegible]
Golubnichii, Vsevolod. - "Economy of [illegible] [in French] by Pierre George. p.121
Aleksandrov, A. - "Osteuropa-Archiv," [illegible] German]. p.125.
Zen'kovskii, V. - "Continuity and [illegible] and Soviet thought" [in English] by [illegible] p.127.
Shirinev, B. - "The thaw; a novel" by [illegible] p.131.
Grigor'ev, N. - "Zhurnal Moskovskoi [illegible]" nos. 8-10, 1955. p.134.
A.N. - Bibliographical index of new [illegible] Soviet Union and communism. p.139
Arkhimovich, A. - Professor S.I. [illegible] ary. p.145.
Kovalevskii, P. - S.P. Mel'gunov, [illegible] struggle against communism and his [illegible] to Soviet studies. p.147.
Summaries in English, German, and [illegible]
Contributors to the issue. p.177.

ISTORICHESKIE ZAPISKI [HISTORICAL [illegible]. Published by Institut istorii Akademii [illegible] [Institute of History of the Academy of [illegible] of the U.S.S.R.]. Moscow, no. 58, 1956.

Table of contents translated:

Bogdenko, M.L. - The construction of [illegible] state farms in 1928-1931. p.3.
Spirin, L.M. - Rout of the White armies [illegible] in the summer of 1919. p.20.
Emets, V.A. - Conflicts between Russia [illegible] on the question of Rumania's entrance [illegible] 1915-1916. p.52.
Mel'nikov, A.B. - Revolutionary movement [illegible] Moscow Garrison in 1906. p.91.
Koval'chenko, I.D. - Agriculture of the [illegible] in the Ryazan and Tambov gubernyas [illegible] half of the 19th century; crisis of the [illegible] owning system of agriculture. p.124.
Pantskhava, A.IA. - The rural commune and [illegible] differentiation of the peasantry in [illegible] ern Georgia. p.186.
Nosov, N.E. - Police and criminal court [illegible] the central government at the end of the [illegible] and beginning of the forties in the 19th [illegible] p.206.
Cherepnin, L.V. - History of the formation [illegible] ly dependent peasant class in Russia. p.221.
Zhuravleva, N.S. - The restoration and the [illegible] of agriculture in the restoration [illegible] based on Samara Gubernya materials. p.[illegible]
Zhuravlev, G.I. - The second counter-[illegible] military conspiracy on the eve of the [illegible] Socialist Revolution. p.278.
Kondrat'ev, V.A. - Council of Workers [illegible] of the Sulin Factory in 1905. p.295.
Khrenov, I.A. - Academic session in Warsaw [illegible] to the 50th anniversary of the first [illegible] tion. p.300.

OBZOR VAZHNEISHIKH SOBYTII V SSSR [REVIEW OF THE PRINCIPAL EVENTS IN THE U.S.S.R.]. Published by Issledovatel'sko-bibliograficheskii otdel [illegible] po izucheniiu SSSR [Research and Bibliographical [illegible] partment of the Institute for the Study of the U.S.S.R.]. Munich, vol. 3, no. 98, Oct. 1956.

Table of contents translated:

Galni, N.IA. - Ways of solving the problem of [illegible] ity and quantity" in the Soviet armed forces. p.[illegible]
Mironenko, IU.P. - Population dynamics of the Soviet Union. p.21.
Teodorovich, N.A. - Sixth Congress of "The [illegible] in need"; information. p.37.
Most important current events. p.41.
Calendar of events. p.44.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Published by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 11, no. 5, [illegible]

Table of contents translated:

Past and present in the teaching of history. p.3.
Petrov, I.F. - The Communist Party was the [illegible] and organizing force for the victory of the Great October Socialist Revolution. p.10.
Fedorov, V.A. - The 1831 uprising of the Novgorod military farming settlements. p.26.
Pirumova, N.M. - V.I. Lenin on the population of the 1870's. p.33.
Osipov, A.M. - Ancient India. p.42.
Vagin, A.A. - Throwing light on the role of the masses and the individual in the historical process in a school history course. p.58.
Leibengrub, P.S. - The formation of socialism during the foreign military intervention and the civil war 1918-1920. p.77.
Shapiro, Kh.M. - Scientific atheistic indoctrination in classes devoted to ancient history. p.83.
Kazanskii, P.A. - The nature of diarchy. p.93.
Korovkin, F.P. - Is it expedient to use the so-called "concentrated quiz" in history classes? p.123.
Gol'dberg, N.M., Orlov, V.A. - "Rudy of the French bourgeois revolution of the 18th century in class [illegible]

by N. G. Datri. p. 105.
Bokshchanin, A. G. - "Ancient Rome"; book of readings. p. 108.
Maksimova, M. - "Explanation of drawings in the ancient history textbook for classes 5 and 6 in the secondary school" by S. N. Benkliev. p. 111.
Solov'ev, M. E. - "IUrii Dolgorukii" by A. IAnovskii. p. 112.
Arturov, O. A. - "Outline history of America from the discovery of America to the end of the Civil War" by A. V. Efimov. p. 116.
Korolkevich, G. - "The stars of Eger" by Geza Gardonyi. p. 118.
Cheremisina, N. M. - "History of the U. S. S. R.; reading list with summaries for secondary school teachers." p. 122.
Bookshelf. p. 124.
Makarova, V. N. - Student reading on the first Russian revolution, 1905-1907. p. 127.
Sokolov, V. - One hundredth club meeting. p. 128.

PROBLEMY ISTOCHNIKOVEDENIIA [PROBLEMS OF THE STUDY OF HISTORICAL SOURCES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, 1956.

Table of contents translated:

From the editor. p. 3.
Varzhe, I. I. - Historical sources for Soviet agrarian policy in 1917 and 1918. p. 5.
Chernomorskii, M. N. - The industrial censuses of 1920 and 1923 as a historical source. p. 21.
Speranskii, M. N. - Russian forgeries of manuscripts at the beginning of the 19th century; Bardin and Salakadzev. p. 44.
Petrov, V. A. - Survey of the Vorontsov family collection preserved in the archives of the Leningrad Section of the Historical Institute of the Academy of Sciences of the U. S. S. R. p. 102.
Baranovich, A. I. - Study of magnates' archives in the Ukraine. p. 146.
Olgolova, A. P. - The daily notes of Prince A. D. Menshikov; study of materials in the Menshikov Archives. p. 159.
Navrot, M. I. - Tax assessment book of Siberia dated 1697. p. 164.
Panoiakh, V. M. - The so-called rural "voluntary" slaves of the Spasso-Prilutskii Monastery. p. 210.
Vitov, M. V. - Ways to make a map of the settlements of the 15th-17th centuries on the basis of data from cadastres and census books; on the example of Shungskiy district in the Onego region fifth. p. 231.
Shmidt, S. O. - Miniatures of the Imperial Book as a source for the history of the Moscow uprising of 1547. p. 266.
Liudin, I. M. - Charter on the orphans of Torpilova District as a source for the history of Moscow-Novgorod relations in the 14th and 15th centuries. p. 285.
Zimin, A. A. - Chronology of the charter treaties of Novgorod the Great with the princes in the 13th-15th centuries. p. 300.
Poppe, A. V. - Twelfth-century Old Russian inscription on a knife handle from Drogichin. p. 328.

UKRAINS'KYI ZBIRNYK. UKRAINIAN REVIEW. Issued by Institut zur Erforschung der UdSSR [Institute for the Study of the U. S. S. R.]. Munich, vol. 7, 1956. [In Ukrainian.]

Table of contents translated:

Glovins'kyi, IE. - The sixth five-year plan and national economy of the Ukraine. p. 7.
Hlobenko, M. - History of Soviet Ukrainian literature in the official interpretation. p. 28.
Pihido, F. - Ukrainian-Jewish connections during the revolution. p. 56.
Pliushch, V. - Medical education and medical science in the Ukraine. p. 82.
IUrchenko, O. - A theory about American-Russian relations. p. 105.
Protsiuk, S. - Construction of a water power unit at Kakhovka in connection with the realization of the "Great Dnieper" project. p. 108.
Kravchenko, A. - Collectivization in Kirghizia. p. 166.

VIZANTIISKII VREMENNIK [BYZANTINE CHRONICLE]. Organ of Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 10, 1956.

Table of contents translated:

Piguievskaia, N. V. - Silk manufacture in Byzantium and Iran in the 4th century. p. 3.
Udal'tsova, Z. V. - Class struggle in Italy on the eve of the Byzantine conquest. p. 9.
Sluzlumov, M. IA. - The nature and essence of the Byzantine commune according to the Agricultural Law. p. 27.
Kazhdan, A. P. - Features of feudal property in Byzantium during the 6th-10th centuries. p. 46.
Osipova, K. A. - The development of feudal land tenure and the enslavement of the peasants in 10th century Byzantium. p. 66.
Litavrin, G. G. - Byzantium's tax policy in Bulgaria in 1018-1185. p. 81.
Gorianov, B. T. - Large-scale feudal land tenure in Byzantium in the 13th-15th centuries. p. 111.
Veselago, E. B. - Information about the Albanians by Laonicus Chalcondyles. p. 133.
Lazarev, V. N. - New data on the mosaics and frescoes of St. Sophia in Kiev. p. 161.
Ernshtedt, P. V. - Coptic text of the romance about Alexander. p. 178.
Shandrovskaia, V. S. - Byzantine fable "Story of the quadrupeds" (14th century); artistic traits and language of the work. p. 181.
Sokolova, T. M. - "The Bogomiles in Bulgaria" by D. Angelov. p. 195.
Kusik'ian, I. K. - Russian translation of the "History of Armenia" by Faustus of Byzantium. p. 203.
Freidenberg, M. M. - "History of Bulgaria," vol. 1. p. 208.
Kazhdan, A. P. - "History of Byzantine feudalism" [in French] by G. Ostrogorski. p. 218.
Gurevich, A. IA. - "Rural life in the Byzantine Empire" [in French] by Germaine Rouillard. p. 220.
Udal'tsova, Z. V. - Tenth International Congress of Byzantine Scholars in Istanbul. p. 230.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Drabkina, F.I. - All-Russian Conference of Bolsheviks in March, 1917. p. 3.
Itenberg, B.S. - Relations of the progressive Russian workers with the revolutionary movement of the West in the 1870's. p. 17.
IAz'kov, E.F. - The farmers' movement in the U.S.A. in 1932 and 1933. p. 31.
Dalin, V.M. - Babeuf and Marat in 1789 and 1790. p. 45.
Lutskii, E.A. - The nature of equalized land use in Soviet Russia. p. 59.
Shovinkov, V.N. - The "oprichnina" during the reign of Ivan the IV. p. 71.
Ma Hung-mo, Nikiforov, V.N. - Internal struggle of the Taiping leadership and the upheaval of 1856. p. 78.
Chastukhin, I.N. - The peasant movement in Bulgaria in 1899 and 1900 and the rise of the Bulgarian People's Agricultural Union. p. 90.
Kol'ner, E.I. - The workers of Sevastopol in the fight against the Hitlerite aggressors, 1941-1942. p. 101.
Gorbatiuk, V.T., Ionkina, T.D. - The development of capitalism in agriculture and the decline of the peasantry in the Ukraine during the second half of the 19th century. p. 110.
Kariakin, IU.F., Plimak, E.G., Filippov, L.A. - To which Russia did A.A.Antonskii belong? p. 120.
Spivak, S.I. - History of the Bremen group of the "International Communists of Germany." p. 129.
Tal'nikov, D.L. - Kavelin's conception and the views of Belinskii on history. p. 130.
Erofeev, N.A., and others. - A Marxist generalization of the economic history of the proletariat. p. 140.
Flerovskii, I.P., Siul'ga, S.I. - "The role of the Petrograd Military Revolutionary Committee in the October Socialist Revolution" by I.Dykov. p. 154.
Bortsinskii, S.M. - "The political and legal views of S.E.Desnitskii" by S.A.Pokrovskii. p. 158.
Kochakov, B.M., Ivanova, L.V., Ermakov, V.T. - "History of Moscow University," vols. 1 and 2. p. 161.
Nikolaeva, A.T. - "Problems in the study of historical sources," vol. 4. p. 169.
Grigor'ev, A.M., Popkov, IU.A. - "Brief history of the first civil war" in Chinese] by Ssu Shou-yen, Lin Kan. p. 171.
Arutiunian, IU.V. - "Downfall of the Munich policy, 1938-1939" by V.A.Matveev. p. 174.
Bessmertnyi, IU.L. - "Was there a Mussulman domination over the economic life of European states in the 8th-10th centuries?" by F.I.Himly; "More on Mohammed and Charlemagne" by E.Perroy [both in French]. p. 178.
Works published in 1955 by higher educational and scientific institutions (to be continued). p. 182.
Struve, V.V., Piguievskaia, N.V. - Problem of the crisis in the slavery system and the genesis of feudalism. p. 186.
Kurmacheva, M.D. - Evaluating the activity of Ivan the Terrible. p. 195.
News items. p. 203.
Pokhlebkin, V.V. - The development and present status of the science of history in Norway. p. 205.
Mikhailova, L.V. - Paging through West German historical journals. p. 213.
Mlynarskii, Z. - The work of the Polish-Soviet Institute. p. 219.
Session of the office of the International Committee of Historical Sciences in Madrid. p. 221.

## b) ARCHEOLOGY & ANTIQUITIES

AKADEMIIA NAUK URSR, Kiev. Institut arkheologii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Archaeology. Brief Reports]. Kiev, no. 6, 1956.

Table of contents translated:

Shovkoplias, I.G. - Dwellings on the Mezin site. p. 3.
Bibikov, S. N. - Tripol'ye settlements in the environs of Luka-Vrubleveiskaya. p. 13.
Khavliuk, P. I. - Materials for an archaeological map of the Sob River Basin. p. 18.
Kolosov, IU. G. - Prospecting for Neolithic and Bronze Age monuments in the Crimean steppe. p. 22.
Slavin, L. M. - Excavations in Olbia in 1955. p. 27.
Brede, K. A. - Excavations in 1951 on the ancient site of Gavrilovka. p. 33.
Mizin, V. A. - Discovery of a Mousterian sharp-pointed object at Starye Kodaki. p. 36.
Chernysh, A. P. - Representation of the human figure made during the Upper Paleolithic Age. p. 38.
Meslats, V. A. - New discovery of an ornamented mammoth tusk. p. 40.
Odintsova, S. N. - Treasures of flint objects from Goncharovka. p. 43.
Evstropov, N. T. - Stone ax-hammer from the environs of Varvarovka. p. 47.
Telegin, D. IA. - Interment of the Scythian period on the lower Dnieper. p. 48.
Solomonik, E. I. - Two enigmatic signs on a stele from Olbia. p. 50.
Volchkova, N. I. - Treasure of ancient coins from Kamenka Dneprovskaya. p. 55.
Golenko, K. V. - Unusual coins of Rhescuporis VI. p. 57.
Veselov, V. V. - Slab from Kerch with a representation of a griffin. p. 62.
Braichevskaia A. T. - Iron-smelting furnace in Novaya Pokrovka. p. 64.
Kondaktorova, T. S. - Skulls from the Vovnigi late neolithic tombs. p. 68.
Maksimov, E. V. - Discussion of aspects of the early history of the Eastern Slavs at the Institute of Archaeology of the Academy of Sciences of the Ukrainian S. S. R. p. 72.
Braichevskii, M. IU. - Some debatable points in the early history of the Eastern Slavs. p. 79.
Vyezzhev, R. I. - Scientific activity in 1955 of the Institute of Archaeology of the Academy of Sciences of the Ukrainian S. S. R. p. 87.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent, Institut istorii i arheologii. Trudy [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Institute of History and Archaeology. Transactions]. Tashkent, no. 7, 1955. Materialy po arkheologii Uzbekistana [Materials on the archaeology of Uzbekistan].

Table of contents translated:

Aleksandr IUr'evich IAkubovskii; obituary. p. 5.
Lev, D. N. - New data on the Paleolithic era in Uzbekistan. p. 9.
Shishkin, V. A. - Archaeological studies in the Magoki-Attari Mosque in Bukhara. p. 29.
Nil'son, V. A. - The Diggaron Mosque in the village of Khazara. p. 61.
Kabanov, S. K. - Archaeological explorations in the upper Kashka Darya Valley. p. 77.
Al'baum, L. I. - Some data based on the study of the Ankhor group of archaeological findings. p. 115
Voronina, V. L. - Architectural elements of the castle of Ak-Tepe near Tashkent according to the archaeological studies of 1941. p. 130.
Davidovich, E. A. - Unpublished findings of coins on Uzbek territory. p. 155.
Masson, M. E. - The black dirhems of Mus'ab. p. 175.

B 4b - 5d

Smirnova, G. P. - Classification of the ceramics of ancient Novgorod; based on materials from the excavations of 1931-1954. p. 228.
List of abbreviations. p.243.

## 5. SOCIAL SCIENCES

### a) COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 15, no. 9, Sep. 1956.

Table of contents translated:

Editorial: Raise the standard of analyzing the productive activity of enterprises. p.1.
Grinberg, G. - Inventory method of accounting for output in assembly-line mass production. p. 6.
Snegarevskii, A. - Improving accounting in the coal industry. p. 8.
Zel'manovskii, P. - Control over the expenditure of funds in the form of service awards to workers. p. 12.
Golovistikov, P. - Accounting for finished and unfinished goods based on uniform nomenclature (price list) numbers. p. 14.
Gaidukevich, V. - Simplifying accounting for products and materials on state farms. p. 16.
Mashkovskii, M. - Simplifying accounting for transportation expenditures reimbursed by the purchaser. p. 22.
Akhmedin, Kh., P'ianov, I. - Production accounting and calculation of the cost of production in continous production processes. p. 24.
Pazychev, IA. - Accounting for expendable and inexpensive articles. p. 28.
Khazanov, A. - Machine accounting for the stocking of materials at an industrial enterprise. p. 30.
Uspenskii, E. - The work of billing machines in combination with perforators. p. 35.
Improvement and simplification of accounting in agriculture. p. 39.
Anisov, A. - New account plan in state trade. p. 45.
Tokarev, I. - Account plan in automotive transportation and instructions for its use. p. 47.
Dissertations on accounting problems and economic analysis. p. 51.
Nikol'skii, A. - "Standard production accounting" by N. Ivanov. p. 56.
New books on accounting, economic analysis and machine accounting. p. 59.
Conference in the U.S.S.R. Ministry of Finance on accounting problems in construction. p. 61.
I. A. Sholomovich; obituary. p. 63.

Vol. 15, no. 10, Oct. 1956.

Table of contents translated:

Editorial: Reducing the cost per production unit in agriculture and accounting tasks. p.1.
Timofeev, S. - Improve accounting for construction and installation work. p. 6.
Sokolov, V. - Reorganization of collective farm accounting. p.16.
Stepanova, V., El'iashev, L. - Reports of supply organizations. p. 25.
IAkovlev, A. - The journal-voucher form no. 4 and register forms nos. 3 and 5. p. 28.
Abramkov, L. - Organization of material control at repair enterprises. p. 35.
Berezin, M., Kal'manson, G., TSerkovnikov, A. - Some simplifications in the journal-voucher form of bookkeeping. p. 38.
Vitold, Bien. - Accounting in construction work. p. 45.
Ovsiannikov, A. - "Standard lot" method of machine accounting for products shipped and paid for. p. 49.
Problems in machine accounting. p. 52.
Fomin, M. - Standard per diem and quarters allowances for special assignments. p. 53.
Margulis, A. - "Analysis of the economic activity of enterprises." p. 57.
All-Union conference on training and improving qualifications of accounting employees. p. 63.

NEMETSKII EKSPORT [GERMAN EXPORT]. Issued by Vneshnetorgovaia palata Germanskoi Demokraticheskoi Respubliki [Chamber of Foreign Trade of the German Democratic Republic]. Berlin, nos. 10-11, Oct.-Nov. 1956.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Gorelkin, A., Ostrovskii, L. - More concern for jobbing operations. p. 1.
Durbinian, M. - Cooperation between trade and industry. p. 7.
Mazel', L. - Price levels at collective farm markets in cities. p. 11.
Novikov, G. - Valuable roofing material. p. 17.
Petrov, N. - What's new in trade in Estonia. p. 20.
Zorin, S. - Centralized delivery of goods in Leningrad Province. p. 25.
Fel'dman, I. - A textbook should give fuller information on progressive practice. p. 29.
Nazimov, L. - Consolidation of stores has improved economic indices. p. 33.
Fil'mus, M. - Simplify accounting in custom sewing enterprises. p. 35.
Pekelis, L. - Payment for transportation when using a centralized delivery system. p. 36.
Nikol'skii, M. - Dishes made of mushrooms. p. 40.
Dissertations on problems of commodities and public eating establishments. p. 42.

### b) ECONOMICS

AKADEMIIA NAUK SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. Uchenye zapiski po statistike [ACADEMY OF SCIENCES OF THE U.S.S.R. Department of Economics, Philosophy, and Law. Studies in Statistics]. Moscow, vol. 1, 1955.

Table of contents translated:

From the editor. p. 3.
Baklanov, G. I. - Indexes of the volume of output and the volume of production of an industrial enterprise. p. 13.
Satunovskii, L. M. - The index method of analyzing economic phenomena. p. 47.
IUgenburg, S. M. - Analysis of absolute increases by factors. p. 66.
Peregudov, V. N. - The theory of the index method. p. 84.
Kazinets, L. S. - Coefficient of correlation and problems in the theory of indexes. p. 125.
Kreinin, G. S. - A review of the industrial output index in the U.S. p. 139.
The role of the law of great numbers in statistics; from a speech at the academic conference on statistical problems in March, 1954. p. 153.
Livshits, F. D. - The law of great (average) numbers in social phenomena. p. 166.
Lukomskii, IA. I. - Application of the theory of great numbers to computing indexes. p. 193.
Strumilin, S. G. - Diagram for the balance sheet of the U.S.S.R. national economy. p. 223.
Nemchinov, V. S. - Contemporary mathematical statistics and the Chebyshev series. p. 240.
IAstremskii, B. S. - Distribution of workers on the basis of their fulfillment of output norms. p. 253.
Maslov, P. P. - Statistical practice in the study of consumer demand. p. 257.
Riabushkin, T. V. - International statistics in 1954. p. 289.
Batkis, G. A. - P. I. Kurkin, outstanding Russian medical statistician. p. 315.
Markuzon, F. D. - Petr Ivanovich Kurkin;(1858-1934. p. 323.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Organ of Gosudarstvennaia planovaia komissiia SSSR [State Planning Commission of the U.S.S.R.]. Moscow, no. 4, 1956.

Table of contents translated:

Vishnev, S. - Basic problems in the economic rivalry between socialism and capitalism. p. 3.
Sokolov, N. - Technological progress in the Soviet national economy in the sixth five-year plan. p. 17.
Koldomasov, IU. - Creating a balanced distribution of materials in the national economic plan. p. 31.
Vorotilov, V. - Economic obsolescence and amortization of fixed assets in a socialist economy. p. 45.
Pinaev, V. - Planning the economy of the union republics. p. 55.
Polonskii, A. - Potentialities for increasing labor productivity in machine-tool plants. p. 69.
Mishchenko, V., Strebkov, K. - Use in production of suggestions of innovators and inventors at the "Rostsel'mash" Factory. p. 74.
Duginov, A. - The statistical collection "National economy of the U.S.S.R." p. 78.
Vikent'ev, A. - Book on the theory of socialist replacement of the means of production. p. 86.

VOPROSY EKONOMIKI [PROBLEMS OF THE ECONOMY]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no, 10, Oct, 1956.

Table of contents translated:

Azizian, A. - Downfall of the colonial system of imperialism and new relations among countries. p. 3.
Serebrennikov, P. - Reducing industrial use of foodstuffs in the sixth five-year plan. p. 24.
Ivliev, I. - Business accounting in railroad transportation. p. 36.
Runchev, M. - Economic efficiency of intensive use of tractors and combines on state farms. p. 49.
Partigul, S. - Methodology of the statistics of national consumption. p. 56.
Stepanov, S. - Land ownership in Bulgarian producers' cooperatives. p. 66.
Khmel'nitskaia, E. - State-monopoly capitalism in Western Germany. p. 81.
Obolenskii, K. - The communal economy is the main strength of collective farms. p. 96.
Livshits, A. - Dual character of work under socialism. p. 108.
Roginskii, G. - Effect of the militarization of an economy on the process of capitalistic replacement of the means of production. p. 117.
Shakhnovskaia, S. - Book on means for [illegible] production costs in Soviet industry. p. 129.
Polesskii, IA. - Neo-colonialism under the guise of "aid." p. 130.
Men'shikov, S. - Theoretical "[illegible]" of American monopolies. p. 137.
Bliumin, I., Dvorkin, I. - More about the [illegible] economist Wilhelm Röpke. p. 146.
Anan'ina, N., Sergeev, S. - Conference on [illegible] problems of socialist agriculture. p. 149.

### c) FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 14, no. 10, Oct. 1956.

Table of contents translated:

Editorial: Decisive quarter. p. 3.
Barkovskii, N. - Problems in credit planning. p. 7.
Shvarts, G. - On the theory of credit in the U.S.S.R. p. 15.
Ingerman, M. - Price determination and [illegible] in the meat and dairy industries. p. 25.
Kadinskii, O. - Effectiveness of credit for [illegible] ment. p. 32.
Kovalenko, G. - Results of a conference of [illegible] of State Bank establishments in the Ukraine. p. 35.
Golovtsov, A., Kovbasiuk, M. - Traditions [illegible] p. 43.
Karasaev, N. - We are improving work with [illegible] personnel. p. 47.
Our readers' suggestions. p. 50.
Glikson, L. - The credit system in India. p. 53.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 17, no. [illegible], Oct. 1956.

Table of contents translated:

Editorial: Raise the standard of financial [illegible] speed up the elimination of shortcomings. p. 1.
Kozyrev, IU. - Effectiveness and means of [illegible] the modernization of fixed assets. p. 9.
Semenov, V. - Problems in the formation of [illegible] capital on state farms. p. 16.
More about decentralized payments:
Mukhin, M. - Eliminate serious shortcomings in [illegible] payment practice. p. 24.
Bolkin, A., Smirnov, E. - Not [illegible] advice. p. 28.
Menescu, Radu. - Features of wholesale price formation in the Rumanian People's Republic. p. 30.
Utiaganov, F. - Closer to production. p. 43.
Maknev, E. - Extending credit to prosperous collectives and their financial planning. p. 46.
Lalyshev, N. - Eliminate shortcomings in planning the extension of credit to collective farms. p. 51.
Antonenko, G. - What prompts the collection of [illegible] tax from collective farms. p. 55.
Kuznnov, G. - Bonus payments for putting building projects into operation before completion. p. 58.
Nekhaev, S., Kislink, V. - Strengthen control over the operation of specialized subcontractors. p. 61.
Fomichev, I. - More attention to the mobilization of internal resources. p. 63.
Frolov, A. - Unjustified prize difference. p. 64.
Readers' suggestions. p. 65.
Follow-up on our material. p. 70.
Grodko, N., Frol, L. - State finances of the Republic of India. p. 72.
Slavnyi, I. - "Business accounting in industry in the U.S.S.R," by A. Arakelian. p. 83.
New books. p. 90.
In the Board of the U.S.S.R. Ministry of Finance. p. 92.
Conference of chairmen of efficiency and invention commissions. p. 94.

### d) LABOR

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 34, no. 10, Oct. 1956.

Table of contents translated:

International seminar. p. 1.
Lavrov, V. - Iron mountain. p. 2.
Orlova, Marina, Rechvina, Lida. - Generous soul. p. 4.
Ermolova, G. - Automatic machinery lightens work. p. 5.
Pershin, Aleksei. - In one district. p. 6.
Bondarenko, Ol'ga. - Eugene Cotton. p. 8.
Gur'ianov, A., Gorbunov, G. - Life full of struggle. p. 9.
Cherepakhova, E. - Shura married... p. 11.
Zhuravskii, V. - Woman from Krasnaya Polyana. p. 13.
Morozov, A. - "Thinking" machines. p. 15.
French painters of the 19th century. p. 16.
Field, Rachel. - Beginning of wisdom; a story. p. 17.
Vavilina, V. - Our Vietnamese friends. p. 22.
Five brothers. p. 25.
Zlotnik, IA. - A deputy's duty. p. 26.
Panfilova, T. - Happy childhood doesn't mean [illegible] ness. p. 27.
Khaikinson, N. - "Secret" of longevity. p. 29.
Fedaeva, L. - Callisthenics for elderly people. p. 30.
Lazunova, A., Roznikova, F. - Dishes made of [illegible] der. p. 31.

Vol. 34, no. 11, Nov. 1956.
Table of contents translated:
Shul'ga, Sofia. - Simple as the truth itself; reminiscences. p.2.
Dostal', Andrei. - On a holiday night; excerpt from a poem. p.4.
For working mothers. p.5.
Varlamov, I. - Happy couple; a story. p.6.
Valikov, G., Margolin, L. - They made themselves masters of their profession. p.9
Dzerzhinskaia, S. - Teach your children how to live for others. p.11.
Syrtsov, E. - The Communist. p.12.
Pershin, A. - Victors. p.14.
Vinogradov, S. - The first on the Ob. p.16.
Selikhova, V. - Courage; a true story. p.18.
The Kleimenov brothers at a boarding school. p.20.
New regulations on boarding schools. p.22.
Amsharina, A. - The parting. p.23.
Shloma, A. - Helping hands of friends. p.24.
Semin, Leonid, Sheiko, Viktor. - Quiet old age. p.25.
"We need the mechanization." p.25.
Pisarzhevskii, Oleg. - Accomplished dreams. p.26.
Emdina, A. - Impartially. p.28.
Lifshits, Ar. - Discussion about the honor of women. p.29.
Useful advice. p.30.
Kochetkova, Z. - Dishes from pastry. p.31.
Books on home economics. p.31.
In leisure hours. p.32.
Blank, A. - Fashions for the stout. p.32.
Gai-Gulina, M. - Getting ready for winter. insert.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, no. 4, Apr. 1956.

Table of contents translated:
Editorial: Organize the introduction of innovators' practices into production. p.3.
Lokshin, E. - The supply of material and equipment as a factor in the growth of labor productivity. p.12.
Kozlov, I. - The budget of state social insurance. p.24.
Strumilin, S. - The measurement of labor productivity. p.32.
Kirpichenkov, IA. - Improving the planning of work in railroad transportation. p.46.
Vlasov, B. - Saving labor in auxiliary jobs. p.53.
Lipkind, L. - Urgent problems in the organization of founders' wages. p.61.
Shor, M., Maksimov, A. - Hidden potentialities for the reduction of auxiliary work at automobile factories. p.69.
Pevnev, N. - Interfactory competition of machine builders. p.73.
Gorbunov, E. - Research on norms at the factory. p.79.
Ganichev, L. - Popularizing progressive work methods. p.83.
Voronkov, I. - The organization of work and the standard of production. p.86.
Minevich, A. - Combined trades at mines in the Moscow Basin. p.92.
Borisov, M. - Establishing higher norms. p.95.
Kulakov, N. - Proposals which fail to take into account practical requirements. p.98.
Khisin, R. - Who should establish work standards at machine building plants? p.100.
Preobrazhenskii, N. - The question was stated correctly. p.102.
Bochkov, A. - Output norms and the work of work norm specialists. p.103.
Lomberg, E. - The representative in the grievance committee. p.106.
Novikov, V. - Concerning M. Vlasov's article. p.107.
Vlasov, M. - More about combined trades. p.108.
Smit, M. - New publication of a theoretical work by J.Kuczynski on the situation of the working class in capitalistic countries. p.111.
Zorin, R. - "Ekonomika i organizacja pracy" (Economics and the organization of labor), a journal of the Polish Institute of Economics and Industrial Organization. p.115.
Borisov, B., Zamakhovskaia, A. - A book on the planning of work in maritime transportation. p.119.
Lazarev, L. - In step with the factory collective. p.121.

No. 10, Oct. 1956.
Table of contents translated:
First conclusions. p.3.
Study profoundly the new wage system. p.15.
Moskalenko, G. - Tasks of labor law in the light of resolutions of the 20th Party Congress. p.23.
Kvasha, IA. - Measuring labor productivity. p.33.
Measures to regularize wages in enterprises of the Ministry of Nonferrous Metallurgy of the U.S.S.R. p.40.
Andrianov, V., Basov, A. - Possibilities for increasing labor productivity in petroleum refining. p.51.
Korsakov, E. - Mixed output norms for mechanized loading and unloading at seaports. p.56.
Kopytin, V. - Shortcomings in the wages of seagoing personnel of the fishing industry on Sakhalin. p.62.
Wages per ton of coal. p.67.
Skogorev, V. - Organization and wages in longwall mining. p.78.
Shevchenko, L. - Labor organization at an automatic tube-rolling installation. p.85.
Eremenko, A. - Automobile milage is the basic index. p.88.
Elizarov, S. - Uniform norms at enterprises of a trust. p.92.
In ministries and departments. p.93.
Sigalov, B. - Control over the wage fond. p.98.
Chernyshov, V. - Shortcomings in the organization of wages in the "Glavmetallosbyt" system. p.99.
Panin, L. - Open letter to E.F. Rudoi, Deputy Minister of Transportation. p.100.
From the editor's mail. p.101.
Boltianskii, A. - Comprehensive utilization of hidden potentialities in the growth of labor productivity. p.104.
Peretrutov, V. - New reference books on wages in railroad transportation. p.113.
Aganbegian, A. - Bourgeois economists on the organization of wages in the U.S. p.119.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Organ of Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 4, no. 10, Oct. 1956.

Table of contents translated:
Editorial: Thirty-ninth anniversary of the Great October. p.1.
Rozhdestvenskii, N., Sobolev, V. - For a further advance in the mass movement of innovators and inventors. p.7.
Soroka, P. - Our factory in the sixth five-year plan. p.13.
Liutikov, A. - Success is achieved in socialist competition. p.15.
Vas'ko, V. - What works councils do for us. p.23.
Bosenko, Kh. - Every minute calculated. p.25.
Morenkov, T. - A matter in which there are no trifles. p.27.
Tranlants, S. - Workers' inspection. p.33.
Guarding our most precious possession. p.35.
IAkovlev, D. - Message from a working pensioner. p.37.
Vashchenko, P. - The decisions of the fifth plenum of the All-Union Central Council of Trade Unions are being carried out. p.39.
How the program of an agitation brigade was formed. p.42.
Solnikov, G. - On the eve of reports and elections. p.43.
Lisovin, A. - A trade-union key group arms itself with a knowledge of economics. p.49.
IUdanov, M. - An effective way of spreading the experience of leading workers. p.55.
Novoselov, L. - Eliminate defects in the operation of works councils. p.57.
Nagornyi, N. - This is a matter for the administrative workers also. p.60.
Balasanov, A. - Center attention on the most important aspects of production. p.60.
How to prepare for and conduct a trade-union meeting for reports and elections. p.62.
Lesin, S. - A year has passed. p.68.
Vakhrusheva, I. - Thus friendship was born. p.70.
Popov, A. - A word about a colleague. p.72.
Timoshina, T. - An instructive lesson. p.73.
Korotaev, G. - One hundred new constructions on a state farm. p.75.
Sorokin, E. - Individual workers' plans to increase labor productivity. p.76.
Kravchenko, D. - Amateur art activity on a virgin-land state farm. p.78.
Kusov, B. - In a youth dormitory. p.79.
Hnilička, Gustav. - Innovators' movement in Czechoslovakia. p.80.
Khizhnyi, E. - The social and economic consequences of the automation of industry in capitalist countries. p.84.
De Lima, Luis Tenorio. - Unity guarantees the victory of the workers. p.89.
Gorelik, IA. - "Recollections about Vladimir Il'ich Lenin." p.92.
Follow-up of our journal's articles. p.95.

VIL'NYI UKRAINS'KYI ROBITNYK [THE FREE UKRAINIAN WORKER]. Organ of Ukrains'kyi viddil Profesilnoho Soiuzu Fors Uvriter [Ukrainian Section of the General Confederation of Labor-Force Ouvriere]. Paris, vol. 5, no. 10(55), Oct. 1956. [In Ukrainian.]

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no. 9, Sep. 1956.

Table of contents translated:
Suez as a symbol. p.1.
Suez; questions and answers. p.3.
Casasola, Roland, W. - A new approach is required. p.5.
Dange, Sh.A. - Some problems facing the trade-union movement in India. p.7.
Delon, Pierre. - French trade unions discuss unity. p.13.
McWhinnie, T.F. - A strike that makes history. p.16.
For cooperation with all trade unions. p.22.
Gaspar, Sandor. - Democratic nature of the Hungarian trade-union movement. p.23.
Urbanec, Alfons. - Trade unions watch over the interests of workers. p.26.
Lehmann, Otto. - Labor productivity and wages. p.28.
Braun, Alan. - Things are different now. p.30.
Crawford, Arthur. - Steelworkers' strike in the U.S.A. p.33.
Beck, Mayoa. - French Equatorial Africa and Cameroons get ready for the conference of African trade unions. p.36.
Bras, Marcel. - Trend to unity in Latin America. p.41.
Letter from Paraguay. p.45.
A trade unionist's notebook. p.46.

No. 10, Oct. 1956.
Table of contents translated:
For the development of contacts and cooperation among all trade-union organizations. p.1.
Interview with the delegation. p.4.
Statement by the head of the World Federation of Trade Unions' delegation at the Congress of the General Council of Japanese Labor Unions. p.6.
Statement by a representative of the World Federation of Trade Unions at the Nagasaki Conference. p.8.
Diary of the sojourn in Japan of the delegation of the World Federation of Trade Unions. p.8.
Clain, Roger. - "No more Marcinelles!" p.10.
The Miners' Trade Unions International sends a message to the International Labor Organization. p.17.
Safety measures in Czechoslovak mines. p.18.
Declaration of the World Federation of Trade Unions. p.21.
Bakri, Ibrahim. - Arab trade unions strengthen their unity. p.22.
A united trade-union center. p.24.
Letter from the World Federation of Trade Unions to delegates at the Congress of Dissolution of the Trade Union of Workers of Tunisia. p.25.
Ranta, Kosti. - "No place for selfishness and suspicion. p.26.
McWhinnie, T.F. - Great advances on the road to unity. p.27.
Clair, Leon. - Trade unions of civil servants on the road to unity. p.32.
"Unity is our strength." p.36.
Grishin, V. - Soviet trade unions are the champions and defenders of the workers' interests. p.38.
Marischi, Vincente. - The struggle for democratic trade-union elections in Argentina. p.43.
Kjellstrom, John. - Wage negotiations. p.45.
Anger of the people. p.48.
Safety conditions - a matter of life and death. p.50.
A trade unionist's notebook. p.51.

e) SOCIOLOGY

KLUB [THE CLUB]. Organ of Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 6, no. 10, Oct. 1956.
Table of contents translated:
Petrovskii, G.I. - Great beginning. p.1.
Wang Po. - Story about the work of a miner's club. p.4.
Kasparova, V. - Celebration in Jyväskylä. p.5.
Folk art of our friends. p.6.
Martyntsov, A. - Short and clear. p.7.
Men'shikov, I. - Celebration in honor of a family of steelworkers. p.8.
Grechin, N. - Remembering the past. p.9.
Gusinskii, N. - Painful subjects. p.10.
Organize motion-picture showings. p.11.
Skugorov, V. - At the Padun rapids. p.12.
Answers to readers' questions. p.14.
Moreva, N. - What's wrong with the "figure" system? p.15.
Zaitsov, V. - Visiting youth in Moscow. p.16.
Rogov, A. - Song is our friend. p.18.
Marchenko, A. - Theatricals in the field. p.18.
Aldatkin, S. - Work account of the club. p.19.
Vavilov, N. - Retired. p.19.
Nosov, S. - Beloved cause. p.20.
Popova, E., Filiashin, L. - Problems of great importance. p.21.
Mikhailov, V. - Lack of time. p.22.
Shibanov, G. - Pass for a new life. p.23.
Sokolovskaia, V. - How to make a Korean costume. p.25.
Letters to the editor. p.26.
One's own hand has unlimited powers. p.27.
Silina, A. - Young prose-writers and poets. p.27.
Zinov'ev, S. - Visual aids in lecturing. p.28.
Korshunova, E. - How to organize reference work in the library. p.29.
Brief news. p.31.
Significant and memorable dates. p.32.

Vol, 6, no. 11, Nov. 1956.
Table of contents translated:
The train goes east. p.2.
Vinter, A.V. - Receive your motherland's parting advice. p.3.
Mares'ev, A.P. - To the courageous will go the victory. p.5.
Arrival in Magadan. p.6.
Virgin soil of Bratsk. p.7.
Tolstikov, E.I. - The best opportunities await you. p.7.
Bezymenskii, A.I. - Work, invent, strive. p.9.
Welcome. p.10.

Zharov, A.A. - Good traditions. pp. 11,14.
In the new settlement. p. 11a.
Enthusiasts about cultural work. p. 14.
Sun and sunspots. p. 15.
Chernov, T.P. - To young builders. p. 15.
With their own resources. p. 16a.
On the way and on the job. p. 16b.
New settlers relax. p. 20.
Apushkin, IA. - Remote lodge. p. 21.
Organize amateur groups. p. 25.
When it snows. p. 27.
How to lay out an athletic field. p. 29.
Sleds for sport. p. 30.
Play with us. p. 31.

NOVYI SVIT. THE NEW WORLD. Organ of Ob"iednannia ukraintsiv v Ameritsi "Samopomich" ["Selfreliance" Association of American Ukrainians]. New York, vol. 7, no. 6(66), Dec. 1956. [In Ukrainian.]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukrains'ka respublikans'ka rada profesiinykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and of the Association of Soviet Writers of the Ukraine]. Kiev, vol. 11, no. 19(130), Oct. 1956. [In Ukrainian.]

Table of contents translated:

Moscow gave you a new life; verse. p. 1.
Kikh, Mariia. - Youth of the city of Lvov. p. 2.
Kedrova, Mariia. - The doctor of medicine; a sketch. p. 3.
Zabashta, Liubov. - To the city of lions; verse. p. 5.
Honoring the memory of Ivan Franko. p. 6.
Ivanova, Zoia. - Eugénie Cotton is 75 years old. p. 7.
Birchenko, Hennadii. - The trial; a story. p. 8.
Bratchenko, I. - Construction of the Kremenchug Hydroelectric Power Station is progressing. p. 10.
Kivina, TS. - Parcel from Bulgaria. p. 11.
Stroieva, Hanna. - In a family; a sketch. p. 12.
Sharai, Kateryna. - The monthly family budget is five thousand rubles. p. 15.
Dranov, L. - Ukrainian grapes. p. 16.
Blinova, O. - Visiting Italian friends. p. 18.
Sobko, Vadym. - Li-Niu, an active cooperative farm woman. p. 19.
Lubovykivna, M. - The train of peace and friendship. p. 20.
Baliuk, Mariia. - In a green valley; a story. p. 22.
Lazariev, A. - Exhibition of Indonesian paintings. p. 23.
Volodars'ka, D. - In the new house. p. 24.
Horbuntsova, Tamara, Zaliesikyi, Kostantyn. - The camp of young Ukrainian mountain climbers. p. 26.
Interesting conference. p. 27.
Pysareva, L. - From childhood to youth. p. 28.
Danchenko, M. - New books. p. 29.
Rudyl, V. - Toilers of the sea. p. 30.
Hungarian cookery. p. 30.
Artistic pottery. p. 31.
Rokytians'kyi, Ivan. - Forest courtship; a fable. p. 31.
Rivna, Taisiia. - Medals for the best dress. p. 3 of cover.

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 33, no. 19, Oct. 1956.

Table of contents translated:

Shih Fang-yii. - Let youth have its say; verse. Translated from the Chinese. p. 1.
Sustretov, Sergei. - I have 600 million friends. p. 2.
Cheng K'e-hsi. - Rains and people; a story. Translated from the Chinese. p. 5.
Marfin, M. - In the Lu Hsun home; on the 75th anniversary of his birth. p. 7.
Kotov, Vladimir. - The star, Ritsa; verse. p. 8.
Baryshev, Lev. - The campfire; verse. p. 8.
Fomichev, N. - The first racket. p. 8.
Preparing for the festival. p. 9.
Tolstikov, E. - The second expedition to Antarctic regions. p. 10.
Petrov, D. - Semiconductor metallurgy. p. 10.
Young Germany. p. 11.
Fuernberg, Luis. - New verse; translated from the German. p. 11.
Krutilin, S. - With the new settlers at May-Balyk. p. 12.
Shishkov, Viacheslav. - About the writers' mastery. p. 14.
From unpublished letters. p. 15.
Kruzhkov, Nik. - This is France. p. 16.
Ardamatskii, Vasilii. - IA-11-17; a tale about the adventures of Captain Dement'ev (continuation). p. 17.
Rojas, Alberto. - Story of Yma Sumac and her native land; translated from the Spanish. p. 20.
Nikolaev, N. - Lawn hockey. p. 22.
Vidgop, L., Sukhotin, IA. - People without steady employment. p. 23.
Moiseev, O. - History lesson. p. 24.
Stefarov, P. - On passage. p. 24.

Vol. 33, no. 20, Oct. 1956.

Table of contents translated:

Kochetov, Vsevolod. - Relay race of generations. p. 1.
Before the October parade; verse. p. 3.
Tiablin, B., Aleksandrov, B. - Subjugation of the Angara. p. 4.
Tret'iakov, Vitalii. - Meeting in Chizhi; a story. p. 6.
Maiorov, L., Vol'fovskaia, L. - Young heroes of the October revolution. p. 9.
Kudriavtsev, V. - Herald of peace and friendship. p. 10.
Eugene Denis' letters. p. 11.
Criticism and bibliography. p. 12.
Moscow, city of the festival. p. 12a.
Santa, Ferenc. - One evening; a story. p. 13.
Martin, D. - Where the Olympic fire will burn. p. 15.
Dziun'iti Ivakami. - Magic brush. p. 17.
Ardamatskii, Vasilii. - IA-11-17; a tale. p. 19.
Borelli, Sergio. - Italy on the screen. p. 22.
Liubinskii, V. - Famous chess artist. p. 24.

Vol. 33, no. 21, Nov. 1956.

Table of contents translated:

Students' International Day. p. 1.
Rushaidat, Nabikh, Nedzvetskii, Valentin. - Distances have been shortened. p. 2.
Denis, Jacques - Roads of peace and friendship lead to Moscow. p. 4.
Sadovskii, Al. - The honor of the Burgov family. p. 5.
Chebaevskii, N. - The feat; a story. p. 7.
Zhuravlev, Vasilii. - Letter to Evgenia Pollanina, bricklayer of the "Sokolovrudstroi"; verse. p. 8.
Velichko, V. - Rural changes; a writer's observations. p. 9.
Gippenreiter, V. - In "Tigrovaia Balka." p. 12b.
Kumud Kumar Ghosh. - Singer of eternal youth; on the 1500th anniversary of the birth of India's great author and dramatist, Kalidasa. p. 13.
Ten years of the "Neues Leben" Publishing House.
Fast, Howard. - He woke up with a song; a story. p. 15.
Ignatov, M. - People with hard lot. p. 16.
Ardamatskii Vasilii. - IA-11-17; a tale of the adventures of Captain Dement'ev. p. 18.
Elenskii, G. - The contest of the strongest. p. 22.
Turkin, Vl. - "We love our land." p. 23.
Borilkevich, V. - History of the Olympic games. p. 24.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.]. Moscow, vol. 17, no. 9, Sep. 1956.

Table of contents translated:

Sensitiveness. p. 1.
Vaisfel'd, L. - Pension insurance for invalids. p. 4.
Morozova, A. - They will receive their new pensions on time. p. 9.
Poznlakov, S. - In a city of textile workers. p. 12.
Alekseev, N. - A commission approves the pensions. p. 16.
Nazarov, A. - There's no room to receive visitors. p. 18.
Sokolovskaia, N. - The necessary documents were late. p. 20.
Semenov, A. - A liability suit is a means of eliminating accidents. p. 22.
Krasovskaia, V. - Guardian councils in the industries of Sverdlovsk. p. 25.
Shitikov, IU. - Recommendations for work in agriculture. p. 27.
Odintsov, I. - Ten-year schools for specialized children's homes. p. 30.
Shapiro, M. - Invalids acquire a specialty. p. 32.
Maiorova, K. - A lagging construction. p. 35.
Rubinshtein, L. - From heart to heart. p. 37.
Chernina, N. - The prosthesis of patients with a history of endarteritis obliterans as a preventive measure against disease and as a means of increasing work capacity. p. 39.
Miftakhov, A. - Nothing but talk so far. p. 41.
Vlasov, S. - To A. F. Pogodin. p. 43.
Dmitriev, N. - A blind gunsmith. p. 47.
Khrabrovitskii, A. - V. G. Korolenko and the blind. p. 50.
Nikolaev, S. - It's no longer necessary to worry about the future. p. 53.
Zorina, D. - The English worker cannot live on his pension. p. 55.
On the former Nicholas Railroad. p. 58.
Our consultation. p. 59.
A glance at the press. p. 60.
Mozzhukhin, D. - With false documents; from a law court. p. 61.
Letters to the editor. p. 62.
At the end of the number. p. 63.

Vol. 17, no. 10, Oct. 1956.

Table of contents translated:

The new law has gone into effect. p. 1.
Batygin, K. - Pensions for survivors of deceased breadwinners. p. 4.
Petrov-Denisov, G. - Information on earnings for the calculation of pensions. p. 10.
Ivanova, T., Aksenov, V. - In Kostroma Province the task was successfully completed. p. 14.
Fedoseev, P. - They finished on time. p. 16.
Kovalev, I. - A labor of love with forces unspared. p. 17.
Semidetova, P. - Not a single day lost. p. 20.
Semenov, G. - More efficiency in mailing out money remittances. p. 23.
Kotomin, M., Dudin, G. - The new system of paying pensions. p. 23.
Shipov, V. - Inspectors, their activities and concerns. p. 26.
Rybkin, A. - Defending the right of the invalid to work is our obligation. p. 31.
Alekseev, N. - How are things in your home? p. 36.
Krivoshchepov, N. - The system for the assignment of patients to invalids' homes is being violated. p. 38.
Mirumian, L. - Unweighting, fixation orthopedic apparatus of a new construction. p. 39.
Poznlakov, S. - Follow-up on the decisions of a conference. p. 43.
Polikarpov, K. - "There's a screw loose." p. 46.
Nazarov, A. - A word to suppliers. p. 49.
IAshonkov, M. - To A.I.Titov and others. p. 50.
Kiselev, B. - Second birth. p. 54.
Dmitriev, N. - Courage and purposefulness. p. 56.
In the union republics. p. 58.
Paging through newspapers. p. 58.
In the interests of the people. p. 59.
Our interviews. p. 62.
Foreign visitors. p. 63.

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Antifashistskii komitet sovetskikh zhenshchin and Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [Anti-Fascist Committee of Soviet Women and of the All-Union Central Council of Trade Unions]. Moscow, vol. 12, no. 11, Nov. 1956.

Table of contents translated:

Gor'kii, M. - "Taken out"; a story. p. 4.
Edited by the Great October; a story. p. 7.
Voroshilova, Ekaterina. - Masters of their fate. p. 8.
Gorpina's descendents. p. 9.
Shapovalova, Ol'ga. - The Gor'kii Collective Farm. p. 10.
Varshavskii, Mikhail Isaakovich. - Where peasants once toiled. p. 12.
Our tomorrow. p. 14.
Volk, Irina. - About love and fidelity. p. 17.
Nepomniashchaia, Aleksandra. - Women-legislators. p. 20.
A day in the village. p. 22.
Collective farm couplets. p. 24.
Luban, Leonid. - Hearing Chulkovskii's music. p. 29.
The first woman tractor-operator. p. 32.
In the family of Evdokim and Dar'ia Kravchenko. p. 33.
Countrymen. p. 38.
Miscellanea. p. 39.
Karbovskaia, Varvara. - Doubled severity; a satirical sketch. p. 40.
These are the fashions in Kandybino. p. 42.
The cuisine of Galina Korneliuk. p. 42.
Tikhonova, Raisa. - Kandybino villagers in Moscow; excerpts from a diary. p. 45.
What can be dearer; a letter to the editor. p. 48.

SOVETSKII KRASNYI KREST [SOVIET RED CROSS]. Organ of Ispolnitel'nyi komitet Soiuza Obshchestv krasnogo kresta i krasnogo polumesiatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.]. Moscow, vol. 6, no. 5(29), Sep.-Oct. 1956.

Table of contents translated:

Soviet Red Cross organizations in schools. p. 1.
Zhdanov, V. - For further development of hygiene and prophylaxis. p. 4.
Mailian, E. - Fine initiative. p. 6.
Alekseev, V. - Great force. p. 6.
Sekinaeva, N. - Help from active Red Cross workers. p. 8.
Smirnova, V. - Housewives form a public health team. p. 9.
Grigor'eva, G. - District units should be strengthened. p. 11.
Oshibkina, G. - Improve the quality of studies. p. 13.
Lazarov, S. - First graduation. p. 14.
Aleksandrovskaia, A. - Competitions of public health teams. p. 10.
Bezgubov, I. - Mistakes have to be considered. p. 17.
Anakhovich, E. - Our practice. p. 18.
Zarzhevskii, N. - Noble hearts. p. 20.
Petrova, A. - Initiators of competition. p. 22.
Zhilin, Boris. - Three sisters. p. 23.
Shicheva, I. - Joint plenum. p. 24.
We visit our friends. p. 25.
Award for selfless and sincere help. p. 26.
Soviet Red Cross hospital in Hanoi. p. 27.
Smirnov, S. - Medical workers of the Brest fortress. p. 28.
Sal'nikova, G. - Body conditioning in schoolchildren. p. 30.
Petrov, B. - Together with the people. p. 31.

UKRAINIAN CANADIAN COMMITTEE. Biuleten'. The Bulletin. Winnipeg, vol. 4, no. 8/9/10, Aug.-Oct. 1956. [In Ukrainian.]

ZMINA [THE YOUNGER GENERATION]. Issued by Tsentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 10(443), Oct. 1956. [In Ukrainian.]

Table of contents translated:

Holubov, M. - Family profession. p. 1.
Zbanats'kyi, IUrii. - Old windmill; a story. p. 3.
Buzynnyk, O. - Master of a green treasure. p. 6.
Vladro, Sh. - Heroic life ("Folika Dzerzhinskii"; diary and letters) p. 8.
Darda, V. - Progress of a fabulist ("New fables" by Anatolii Kosmatenko) p. 8.
Badzyk, IUrii. - His wife; a story. p. 9.
Festival at Zalukva. p. 11.
Konvisar, Volodymyr. - Our glorious Lvov. p. 12.
Uhrynovych, H. - At a village on the Khorol; photos. p. 12b.
Samoilenko, L. - Looking over some cases. p. 13.

Lazebnyk, H. - With our friends beyond the Oder; photos. p. 14.
Morozov, D. - Outstanding geographer. p. 15.
Kucherov, P. S. - The second life of coal. p. 16.
Sylaiev, Borys. - Two bicyclists from Zelenyy Gay; a story. p. 18.
Zasieda, Ihor. - Claims of young people. p. 20.
Sarver, IU. - Sixty show windows. p. 22.
That is the way it is; a page of humor. p. 23.
What move would you choose? p. 24.

## 6. POLITICAL SCIENCE

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Organ of Otdely propagandy i agitatsii Moskovskogo komiteta i Moskovskogo gorodskogo komiteta Kommunisticheskoi partii Sovetskogo Soiuza [Propaganda and Dissemination Sections of the Communist Party of the Soviet Union]. Moscow, no. 30, Oct. 1956.

Table of contents translated:
Andrianov, I. - One can't master modern technology without deep knowledge. p. 1.
Kostin, M. - Collect scrap metal. p. 11.
Khorokhorin, D. - Increase the profitableness of state farm production. p. 10.
Mendel'son, G., Tkachevskii, IU. - The struggle against hooliganism is the concern of society as a whole. p. 27.
Larin, V. - Mobile equipment for milking cows. p. 36.
Syria. p. 41.
Topics and literature for agitators' talks in November 1956. p. 45.

No. 31, Nov. 1956.

Table of contents translated:
Podel'shchikov, G. - Let's fulfill the yearly plan ahead of time. p. 1.
Tron'ko, P. - Let's achieve new successes in the competition between two provinces. p. 11.
Blokhin, A. - Artillery Day. p. 24.
Patronage aid group on collective farms. p. 31.
From the pages of newspapers and periodicals. p. 37.
Armed aggression against Egypt. p. 44.

No. 32, Nov. 1956.

Table of contents translated:
Ivanov, V. - Constitution of the Soviet people. p. 1.
The great land of socialism is growing and becoming stronger. p. 13.
Challenge Red Banners and prizes for the best districts and collective and state farms. p. 16.
What the Moscow inventors and efficiency promoters gave industry. p. 23.
Klepikov, I. - We are concrete in our visual agitation. p. 26.
Osadchii, K. - Automatic feeder for swine. p. 33.
Nesterov, A. - In the people's Albania. p. 36.
Hong Kong. p. 47.

No. 33, Nov. 1956.

Table of contents translated:
Varnakova, E. - Introduce the practice of leaders among all workers. p. 1.
Protection of labor and safety engineering guard the workers' health. p. 10.
How the American worker really lives. p. 14.
TSvirko, G. - Retired workers perform community services. p. 20.
Pokidov, N. - Using electronics in industry. p. 25.
Kraev, L. - About those who organized the counter-revolutionary conspiracy in Hungary. p. 34.
Topics and literature for agitators' talks in December 1956. p. 42.

DELO TRUDA - PROBUZHDENIE [TASK OF LABOR - AWAKENING]. Organ of Ob"edinennaia federatsiia russkikh rabochikh organizatsii SShA i Kanady [United Federation of Russian Labor Organizations in the United States and Canada]. New York, no. 52, Oct. - Dec. 1956.

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 36, no. 12, Dec. 1956. [In Kazakh.]

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 33, no. 14, Sep. 1956.

Table of contents translated:
Editorial: Strengthen direction of party propaganda. p. 3.
Sobolev, A. - Transition to socialism by means of a parliamentary system. p. 14.
Felgin, IA. - Location of productive forces of the U.S.S.R. in the sixth five-year plan. p. [illegible]
Nikolaev, V. - Overcoming incorrect theories in criminal law is an important condition for strengthening socialist legality. p. 47.
Slinik, K., Tomskii, N. - For complete flourishing of Soviet graphic arts. p. 61.
Zhukov, E. - The Suez problem can not be solved by colonial methods p. 77.
Selunskaia, V. - Role of the Soviet working class in socialist transformation of the village. p. 86.
Problems in party work in resolutions of the Seventh Plenum of the Central Committee of the Polish United Workers Party. p. 101.
Seleznev, K. - A book about the life of a great teacher of the working class. p. 109.
Davydov, G., Ovcharenko, F. - Mineral resources of the Ukraine should serve the national economy. p. 116.
Omel'chenko, A. - What impedes the development of inventiveness? p. 123.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 30, no. 11, Nov. 1956. [In Kirghiz.]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 29, no. 10, Oct. 1956.

Table of contents translated:
Editorial: Criticism and self-criticism is the right way to eliminate shortcomings in work. p. 2.
Gorbunov, T. - Raise the level of teaching social sciences and educational training in the institutions of higher education in White Russia. p. 9.
Sidorenko, A. - The Communist Party was the organizer and leader of the Great October Socialist Revolution. p. 20.
Documents about the Great October Socialist Revolution in White Russia. p. 29.
Proksha, L. - When interest and enthusiasm are lacking. p. 37.
Gordei, B. - A genuine and a sham adherence to principles. p. 44.
Important center of political work among stockbreeders:
Pistonova, G. - For increasing the productivity of stockbreeding. p. 48.
Gorbov, V. - Studying progressive work practices. p. 49.
Barskii, IA., Guterman, S. - A "Red corner" on every farm. p. 50.
Prepare well and carry out successfully livestock wintering. p. 52.
Shevtsov, D. - Mechanization of farms is an important condition for increasing the productivity of stockbreeding. p. 58.
Dolgikh, F. - Dialectical materialism on the materiality of the universe and modern physics. p. 63.
Zotov, I. - Building of socialism in the Chinese People's Republic. p. 72.
Recommended themes for exercises in political economy seminars and groups. p. 81.
Recommended themes for studying the fundamentals of Marxist-Leninist philosophy in groups and seminars. p. 83.
Recommended themes for lecture groups of municipal, provincial, and territorial committees of the Communist Party of the Soviet Union and central committee of communist parties of union republics. p. 86.
Party news. p. 95.
Brief notes about books. p. 2. of cover.

KOMMUNIST KAZAKHSTANA [COMMUNIST OF KAZAKHSTAN]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 26, no. 11, No. 1956.

Table of contents translated:
Editorial: The primary party organization. p. 2.
Work continuously and painstakingly with young authors. p. 8.
Imashev, S. - V.I. Lenin on the nationalities question and colonialism. p. 12.
Suleimenov, R. - Eminent propagandist of Marxism; 100th anniversary of the birth of G. V. Plekhanov. p. 19.
Karibzhanov, F. - The decisions of the 20th Congress of the Communist Party of the Soviet Union on increasing agricultural production are being carried out. p. 26.
Sorokin, S. - Industrial section of the party committee. p. 33.
Bolov, A. - The economic education of workers and the strengthening of the economies of collective farms. p. 39.
Kashkimbaev, K., Izmagambetov, I. - The district governmental apparatus needs to be simplified. p. 43.
Ratmanov, B. - Ways to improve the fishing industry of Kazakhstan. p. 45.
Logantseva, N. - The profitableness of state Karakul farms. p. 60.
Kim, V., Imashev, M. - "Development of the Soviet state organization in Kazakhstan." p. 66.
Akhmetov, Z., Dlusenbaev, I. - Novels of Mukhtar Auezov about Abai. [In Kazakh]. p. 68.
Party chronicle. p. 83.
Follow-up on material in "Kommunist Kazakhstana." p. 84.

KUBANS'KYI KRAI [KUBAN REGION]. Toronto, vol. 6, no. 3, 1956. [In Ukrainian and Russian.]

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 14, no. 10, Oct. 1956.

Table of contents translated:
Editorial: New school year in the Communist Youth League system of political education. p. 3.
Shafunov, G. - For lively organizational work among young soldiers. p. 10.
Kozhevnikov, Savva. - Work for all and for many centuries; from a Chinese diary. p. 18.
What's new in your Communist Youth League organization? p. 23.
Osipov, A. - When every man is on view. p. 27.
Morozov, B. - Way to the stope. p. 34.
Shtepa, A., Gavriiko, I. - Everything depends on our own efforts. p. 36.
Ivashinin, V. - What hinders our work. p. 39.
Zubenko, V. - Life triumphs. p. 41.
Seliutina, V. - Let us build Kazakhstanskaya Magnitka. p. 44.
Khoroshun, N. - In our state farm on virgin land. p. 45.
Nikoalev, V. - Region of great wealth and achievements. p. 48.
Tepliakova, E., and others. - Accuracy and exactingness. p. 56.
Strong, L., Sokolov, G. - Crimean orchards are beginning to rustle. p. 63.
Gasparov, G. - Much depends on them. p. 68.
Levitin, S. - Vital matter for millions. p. 75.
Pavlov, V. - What stirs us. p. 83.
From our readers' letters:
Il'in, V. - The problem was solved in this way. p. 86.
Vasil'ev, A. - City culture in the village. p. 87.
Diatlov, A. - One can minimize losses. p. 91.
Communist Youth League news. p. 92.
Follow-up on our articles. p. 93.
Dadykin, R. - Study of the glorious history of our party; advice for propagandists and listener groups on the history of the Communist Party of the Soviet Union. p. 94.
On educational themes: Trotskii, N. - The story of a comrade. p. 103.
Mukhammed, A. Kh. Allam. - Young Egyptian patriots. p. 108.
Bolardi, Franco. - Can youth achieve unity and mutual understanding. p. 112.
Gudilin, E. - Hello Siberia! p. 117.
Lysov, P. - Sunday issue of the newspaper. p. 121.
Moiseeva, E. - Communist Youth League underground in the Urals in 1918-1919. p. 122.
Nesterov, V. - Instructive story about the training of young workers. p. 126.
Brief book reviews. p. 128.

MOSKOVSKII PROPAGANDIST [MOSCOW PROPAGANDIST]. Organ of Moskovskii komitet i Moskovskii gorodskoi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Moscow Committee and Moscow City Committee of the Communist Party of the Soviet Union]. Moscow, vol. 13, no. 9, Sep. 1956.

Table of contents translated:
Editorial: New school year in the party educational system. p. 3.
Ruban, N. - Study creatively the history of the Communist Party of the Soviet Union. p. 10.
Aralov, V. - The law on state pensions. p. 17.
How to conduct lessons on the subjects:
Socialist industry and tasks in its further development. p. 23.
Socialist agriculture and tasks in its further development. Types of socialist agricultural enterprises. p. 28.
Gromov, IU. - Crisis in the North Atlantic Alliance. p. 32.
Listen closely to critical remarks and suggestions of communists. p. 40.
Kolchina, O. - Party organizations and the school. p. 45.
Razumeev, A. - In railroad brigades. p. 49.
Model topic plan for study groups and seminars on the study of the history of the Communist Party of the Soviet Union for the 1956-1957 school year. p. 53.
Model political economy topic plan for study groups and seminars. p. 66.
Aristov, A. - More attention to factory laboratories. p. 62.
Vasil'ev, A. - Fruits of formalism. p. 66.
Vatolina, L. - Present-day Egypt. p. 69.
Fil'chenkov, M. - Textbook on the economics of Soviet industry. p. 76.
Brief news. p. 80.

Vol. 13, no. 10, Oct. 1956.

Table of contents translated:
Editorial: Under the banner of Leninism. p. 3.
Vasin, I. - October days in Moscow. p. 9.
Documents on October events in Moscow. p. 14.
Kukin, D. - Teaching the social sciences in institutions of higher learning. p. 18.
Dolgikh, F. - Lenin's theory on matter and modern natural science. p. 26.
Cherkasov, S. - Entering the new school year. p. 33.
Baivin, F. - Using local material in studying the economics of industry. p. 37.
Suslov, F. - More attention to evening universities of Marxism-Leninism. p. 41.
Model themes for exercises in groups and seminars studying the principles of Marxist-Leninist philosophy. p. 44.
Literature on model themes for exercises in groups and seminars studying the principles of Marxist-Leninist philosophy. p. 45.
How to conduct exercises on themes:
The administration of socialist industrial enterprises. p. 50.
The fight of the Communist Party to consolidate Soviet rule. Beginning of the realization of Lenin's plan for peaceful socialist construction (Nov. 1917-1918). p. 55.
Greke, E. - On the way to abundance. p. 60.
Kabanov, V. - Electrification of railroads in the

B 6 - 7
Moscow system. p. 63.
Vronskii, B. - On the eve of elections in the U.S.A. p. 66.
Zevin, V. - Unforgettable image of the great Lenin. p. 72.
New books. p. 80.

NARODNYI KITAI [PEOPLE'S CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign Language Press]. Peking, no. 17, Sep. 1956.
Table of contents translated:
Ch'i An. - Victory of the cooperative movement in agriculture. p. 3.
Brief comments on the course "All scientists should take part in competition." p. 8.
Ch'ao Ming-fu. - Controlling soil erosion in the Middle Yellow River Valley. p. 10.
Ch'en Po-chan. - Trip to African and West Asian countries. p. 15.
More good merchandise for the people. p. 23.
Chang Jui-nien. - New railroad line in our motherland. p. 24.
Li Sung-fu. - The world record is broken. p. 26.
Two new vertical mines. p. 30.
Cheng Pang-ch'ien. -"Kuaninpao"gale; a story. p. 32.
Cultural life. p. 37.
Brief news. p. 38.

No. 18, Sep. 1956.
Table of contents translated:
Ch'en Ch'iu-fan. - Lu Hsün, standard-bearer of the new cultural army of Chinese people. p. 3.
Li Hsi-fan. - "Authentic story of AhQ." p. 9.
From the First to the Seventh Congress of the Communist Party of China; historical information. p. 15.
Wang En-Yüan. - Development of friendly relations on a new basis. p. 25.
Wang Chün. - Eliminating unemployment in China. p. 28.
Yang Shou-jen. - Chinese rice. p. 31.
Chao Chin-jun. - Decisive step on the path of socialist transformations. p. 35.
Cultural life. p. 40.
Brief news. p. 42.

No. 19, Oct. 1956.
Table of contents translated:
Mao Tse-tung. - Introductory speech. p. 3.
Landmark in the great cause of socialism. p. 8.
Ch'en, I. - A year that passed quickly. p. 11.
Wang Ssu-hua. - High speed of the socialist industrialization of our country. p. 15.
People of our country:
Yu Huei-yin. - He was a ricksha boy. p. 23.
Ch'en Chen. - A 20-year-old secret. p. 24.
Hou Jen-chih. - History of Peiping. p. 26.
Yang K'e-hsien. - Assault on the Muztagh Ata summit. p. 32.
Cultural life. p. 36.
Brief news. p. 38.
Supplement. 61 p.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 14, no. 43(597), Oct. 1956.
Table of contents translated:
General trend. p. 1.
Sukarno, Dr. - Influence of the October revolution on the awakening of the peoples of Asia. p. 3.
Sedin, L. - "Keep left"! p. 6.
Bogdanov, O. - How then is progress attained? p. 9.
Burchett, Wilfred. - The experience of China. p. 13.
Interview with leaders of the Belgian government. p. 16.
International notes: Costly indulgence, Opinions differ, False thesis, For Mr. Allen's information, Touchy coexistence." p. 18.
Bogemskii, G. - Why we love Italian films. p. 21.
Molochkovskii, IUr. - Citizen Brych makes a choice; review of the book "Citizen Brych" [in Czech] by Jan Otčenášek. p. 24.
"Social centers" in Egypt; answers to readers' questions. p. 27.
Tangier; a news note. p. 29.
People and events: Mohammed Daoud, Achille van Acker, Paul-Henri Spaak, Shukri Kouwatly; biographical notes. p. 30.

Vol. 14, no. 44, Oct. 1956.
Table of contents translated:
Success of the Soviet-Japanese negotiations. p. 1.
Sovremennik. - The U.N. yesterday, today, and tomorrow. p. 3.
Nemchinov, V. - Problems in contemporary sociology. p. 5.
Markov, A. - A year of Austrian neutrality. p. 9.
At a new stage; the foreign press on the Suez issue. p. 12.
International notes: Authoritative opinion, Provocation in Hong Kong, Beat a retreat, Case of the dollar blouse, Who is more to the right, Suez and oil. p. 14.
Sedin, L. - Conference in Llandudno. p. 17.
Dolmatovskii, Evgenii. - Across France. p. 20.
Mkrtychan, K. - In Afghanistan's capital. p. 24.
Bezymenskii, L. - Herr Blank's "Köpenick." p. 26.
Mariani, V. - Riding a tiger "Memoirs" [in English], by Harry Truman. p. 27.
People and events; biographical notes. p. 29.
World events:
Joint declaration of the U.S.S.R. and Japan. insert: p. 1.
N. A. Bulganin's message to D. Eisenhower. insert: p. 3.

Vol. 14, no. 45, Nov. 1956.
Table of contents translated:
Declaration of the government of the U.S.S.R. on principles for further developing and strengthening friendship and cooperation between the Soviet Union and other socialist countries. p. 1.
Editorial: For international peace and cooperation. p. 3.
Astaf'ev, G. - Achievements of people's China. p. 5.
Vital force of the socialist system; a review of the Polish press. p. 8.
Interview with Italian public figures. p. 11.
Spiridonova, N. - An important beginning; an interview p. 13.
International notes:
Aggression against Egypt, New forces, Silent Selwyn Lloid, False report. p. 15.
Shimmel', N. - Autumn in Pyongyang. p. 19.
Kremnev, M. - Across Mexico. p. 22.
Pavlov, I. - Metals of the future. p. 26.
India's strongest political parties. p. 30.
World events: Agreement on cultural cooperation between the U.S.S.R. and Belgium. insert: 2 p.

Vol. 14, no. 46(600), Nov. 1956.
Table of contents translated:
Editorial: The all-conquering force of socialism. p. 1.
Sovremennik. - Stop the aggresston against Egypt. p. 5.
Astaf'ev, G. - Achievements of people's China; 2d article. p. 9.
Rabate, Octave. - A historical necessity. p. 13.
IAkushkin, I. - The 1956 Soviet harvest. p. 17.
Interview with Mohammed Daoud, Prime Minister of Afghanistan. p. 20.
International notes:
Logical result, Positive proof, How to be thrifty? p. 21.
Gubel'man, M. - In the people's Bulgaria. p. 22.
Bunting, Brian. - Where racism reigns. p. 25.
"Ten days that shook the world"; excerpts from the book by John Reed. p. 28.
Documents:
Declaration of the Soviet government on the armed aggression against Egypt. insert: p. 1.
Soviet-Afghan communiqué. insert: p. 2.
Soviet-Belgian communiqué. insert: p. 3.

PARTIINAIA ZHIZN' [PARTY LIFE]. Published by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 18, Sep. 1956.
Table of contents translated:
Editorial: Improve work with secretaries of primary organizations. p. 3.
Kozlov, V. - Problems in the work of soviets. p. 9.
Simplify the district apparatus; a review of letters. p. 17.
Fomenko, IA. - Good luck! p. 25.
Krasivskii, S. - The role of automation in industry. p. 37.
Serebrennikov, G. - Advice to propagandists on the topic "The Communist Party as the inspirer and organizer of the Great October Revolution." p. 45.
Lil'in, T. - Unnecessary guardianship and wards. p. 55.
Anisimov, V. - Dissemination of the practice of machine-tractor stations. p. 62.
Mokeev, P. - The very same people. p. 66.
Belkin, A. - The problem isn't solved. p. 68.
Factory party conferences. p. 70.
Should the admittance of new Communists into the organization be announced at meetings? p. 71.
Report on the party meeting. p. 72.
The newspaper and writers. p. 75.
Party news. p. 78.
A follow-up of material published in "Partiinaia zhizn' ":
"Without essential changes." p. 80.
"Magazines on cultural and educational work." p. 80.

ROZBUDOVA DERZHAVY [ESTABLISHING THE STATE]. Published by Zarevo, Inc., Denver, vol. 9, no. 20, Jan.-Feb. 1957. [In Ukrainian.]

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 19, no. 24(866), Dec. 1956; vol. 20, no. 1(868), Jan. 1957.

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party]. New York, vol. 36, no. 12(700), Dec. 1956.

SVOBODA. FREEDOM. Organ of TSentral'noe ob"edinenie postevoennykh emigrantov iz SSSR [Central Association of Postwar Refugees from the U.S.S.R.]. Munich, vol. 5, no. 53/54, Nov.-Dec. 1956.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 30, no. 8, Aug. 1956. [In Turkmen.]

UKRAINS'KE INFORMATSIINE BIURO [UKRAINIAN INFORMATION BUREAU]. Munich, no. 7, Oct. 1956. [In Ukrainian.]

ŬZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Organ of the Central Committee of the Communist Party of Uzbekistan]. Tashkent, no. 11, Nov. 1956. [In Uzbek.]

ZNAMIA ROSSII. THE BANNER OF RUSSIA. Russkaia nezavisimaia monarkhicheskaia gazeta [Russian Independent Monarchistic Newspaper]. New York, no. 150, Jan. 1957.

## 7. LAW

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut prava Akademii nauk SSSR and Vsesoiuznyi institut iuridicheskikh nauk Ministerstva iustitsii SSSR [Law Institute of the Academy of Sciences of the U.S.S.R. and the All-Union Institute of Juridical Sciences of the Ministry of Justice of the U.S.S.R.]. Moscow, no. 8, 1956.
Table of contents translated:
Tunkin, G.I. - Peaceful coexistence and international law. p. 3.
Piskotin, M.I. - Budgetary law of the Union Republics of the U.S.S.R. p. 14.
Suchkov, V.V. - Participation of workers in the struggle of the Central Control Commission and Workers' Inspection Board for improving the state apparatus. p. 25.
Shargorodskii, M.D. - Causal connection in the sphere of law. p. 36.
Oltianu, O., Benditer, I. - Highest representative authority in the Rumanian People's Republic. p. 45.
Alekseev, S.S., Sheshenin, E.D. - Civil law regulating extending credit for the construction of individual homes. p. 61.
Karavaev, V.V. - Guarantying assistance for temporary disability. p. 72.
Sakharov, A.B. - Criminal law measures to ensure industrial safety. p. 86.
Aleksandrov-Dol'nik, M.K. - The responsibility of railroads for protecting the freight entrusted to them. p. 93.
Ostroukhova, V.M., Koldobskaia, M.M. - Practical conclusions on judicial practice in labor disputes. p. 103.
Kirichenko, V.K., Mendel'son, G.A., Fleishits, IU.M. - Criminal responsibility for petty larceny. p. 107.
Vaĭlakhmetov, G.M. - Tibet's political system. p. 117.
Spirin, V.G. - Territorial waters in the laws of the American countries. p. 118.
Freidman, S.L. - Letter to the editor. p. 123.
A discussion on the work of "Sovetskoe gosudarstvo i pravo" at a conference of author and readers activists. p. 124.
Defense of doctoral dissertations. p. 128.
Ignatenko, G.V. - "Constitution and basic laws of the Chinese People's Republic." p. 130.
Khalfina, R.O. - "Liability in Soviet civil law" by O.S. Ioffe. p. 134.
Farberov, N.P. - "Local organs of state administration in the European people's democracies" by M.I. Antonovich. p. 138.
Vuksberg, A.I., Gringol'ts, I.A. - "Soviet constitutional law" by M.V. Gordon. p. 142.
A.V. - Academic sessions of law institutes and departments of the Rumanian People's Republic. p. 146.
Krutogolov, M.A. - Brief news. p. 148.
Lebedev, M.P. - A review of the Czechoslovak legal journal "Právník" for 1956. p. 149.
Onan, E.S. - "One million delinquents" [in England] by Benjamin Fine. p. 154.
Legal literature in the people's democracies: The Czechoslovak Republic (1956). p. 159.
Legal literature of other foreign countries. Constitutional law (1954-1956). p. 163.

No. 8, 1956.
Table of contents translated:
Editorial: Improving legal education in the U.S.S.R. p. 3.
The legal nature of governing directives of the Plenum of the Supreme Court of the U.S.S.R. p. 13.
Freidman, Z.M. - Some problems in the practice of contracts. p. 22.
Rakhunov, R.D. - Evidential importance of the defendant's confession. p. 34.
Shulamov, M.P. - Evaluation of the defendant's confession. p. 44.
Loginov, P.V. - The civil procedure code of the R.S.F.S.R. and problems in civil procedure. p. 55.
Shavrov, IA.M. - The development of the constitution of the Czechoslovak Republic. p. 62.
Ivanov, F. - The international court on the international status of Southwest Africa. p. 73.

Sharmazanashvili, G. V. - Nonaggression is the principle for maintaining peace and international security. p. 82.
Dembo, L. I. - Principles for the construction of a legal system. p. 88.
Tadevosian, V. S. - The Soviet legal system. p. 99.
Sergeeva, T. L. - The responsibility of officials. p. 109.
Borzova, K. A. - Arbitration practice on disputes arising from avoidance and nonfulfillment of supply contracts. p. 114.
Conferment of the doctor of law degree on Sukarno, President of Indonesia. p. 120.
Kudriavtsev, P. I. - Sixth Congress of the International Association of Democratic Lawyers. p. 121.
Meliakin, V. K. - Make the statute on local soviets conform with life's demands. p. 125.
Pialnitskii, P. P. - New developments in collective farm democracy. p. 128.
Slavtseva, A. I., Troshin, A. F. - At the All-Union Institute of Legal Science. p. 131.
S. A. - At the Sverdlovsk Law Institute. p. 134.
Pakhomov, I. N. - "Supervisory function of the public prosecutor's office in the Soviet state administration" by S. G. Berezovskaia. p. 135.
Khodunov, M. E., Chirkov, G. I. - "Disputes arising from the legal relationship of parties in railway freight operations" by M. K. Aleksandrov- Dol'nik. p. 137.
Korshunova, E. N. - "The role of Soviet labor law in the planned procurement of personnel for the national economy" by E. Astrakhan, S. Karinskii, A. Slavtseva. p. 141.
Berezovskaia, S. G. - The role of science in the development of supervisory function of the public prosecutor's office in general matters in the Hungarian People's Republic. p. 145.
Milskevich, A. V. - The Rumanian law journal "Justitia nova" [New justice]. p. 147.
New legal literature in the U. S. S. R. (July, 1956). p. 152.
Legal literature in the people's democracies; Chinese legal literature (1955). p. 154.
Legal literature of other foreign countries; constitutional law (1954-1955). p. 156.

## 8. EDUCATION

### a) GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Izvestiia [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Bulletin]. Moscow, no. 63, 1956. Voprosy fizicheskogo vospitaniia [Aspects of physical education].
Table of contents translated:
Foreword. p. 3.
Khukhlaeva, D. V. - The formation of motor habits in preschool children. p. 5.
Fel'dt, A. M. and others. - Corrective callisthenics for younger pupils. p. 21.
Fomin, S. K. - Skiing lessons in the first and second grades. p. 49.
Bondarenko, V. A. - Teaching adolescents to throw in secondary school physical education classes. p. 73.
Kovalev, B. V. - Exercise before class using the training unit method. p. 115.
Kalmykov, M. A. - The organization, program, and methodology of a daily hour of physical exercise in a home for school-age children. p. 133.
Demeter, R. S. - Conducting a winter outdoor training program in track and field athletics at a school for young athletes. p. 155.

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 17, no. 10, Oct. 1956. [In Ukrainian.]
Table of contents translated:
Editorial: Strengthen labor discipline and steadfastly practice the principles of collective leadership. p. 1.
Rubenko, T. - Training children in obedience and discipline. p. 6.
Koval's'ka, K. - Decorative painting in the kindergarten. p. 12.
Davydova, M., Lapina, A., Lytvyns'kn, V. - Work of a kindergarten director. p. 19.
Levenberh, S. - More attention to sequence in kindergarten and school work. p. 24.
Bevzo, R. - Acquaint children of the older group with collective farm work. p. 27.
Kupershmid, M. - Getting acquainted with animals in the kindergarten. p. 31.
Volgina, T. - Reap the harvest; a song. Music by A. Filipenko. p. 35.
Kul's'ka, I. - Verse. p. 36.
Kovpanenko, T. - Animals in the animate nature corner. p. 37.
Answering readers' questions. p. 41.
Uspens'ka, H. - Stories of K.D.Ushinskii for preschool children. p. 42.
Literature for the celebration of the Great October in the kindergarten. p. 46.
Conference of readers. p. 47.

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Organ of Ministerstvo prosveshchenita RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 29, no. 10, Oct. 1956.
Table of contents translated:
Pay more attention to training work in the kindergarten. p. 1.
Lovin-Shchirina, F. S. - Training the emotions. p. 4.
Shashkova, L. P. - Practice in training children. p. 15.
Kuznetsova, F. D. - How we familiarized children with their environment. p. 20.
Papkovskaia, E. I. - Work with parents in preparing kindergarten children for school. p. 23.
Gavrilova, M. V. - Learn from the best. p. 28.
Neginskii, S. - A kindergarten for each collective farm. p. 32.
Rikhter, IU. V. - Preparations in the kindergarten for the October holiday. p. 37.
Sakevich, A. A. - Flowering perennials in the kindergarten garden plot. p. 39.
Baruzdin, S. - Gay and instructive. p. 46.

LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IM. A. I. GERTSENA. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Scientific Records]. Vol. 116, 1956. Kafedra fizicheskoi geografii [Department of Physical Geography].
Table of contents translated:
Shubaev, L. P. - The Geography Department of the Leningrad State Pedagogical Institute. p. 3.
Gozhev, A. D. - Zonal-regional characteristics of dry land surface. p. 31.
Vasil'ev, V. N. - Division of Eastern Siberia into phytogeographical districts. p. 61.
Ivanov, N. N. - Climatic regions of Eurasia. p. 103.
Arkhangel'skii, A. M. - Soil cover of the Mologa-Sheksna Basin. p. 159.
Podoplelov, N. IA. - Geomorphological observations in the region of the Samur Valley of southern Daghestan. p. 219.
Vasil'ov, V. G. - Geomorphology of mountains in southern Yakutia. p. 235.
Agakhanlants, O. E. - Steppe vegetation of northern Darvaza. p. 253.

Vol. 117, 1956. Kafedra geologii i mineralogii [Department of Geology and Mineralogy].
Table of contents translated:
Kadenskii, A. A. - The place of geology in the system of sciences concerning nature. p. 3.
Leonova, E. P. - Teaching geology in secondary schools. p. 16.
Lygina, V. V. - Obtaining helenite and anorthite by reaction in a solid state. p. 33.
Rotman, L. E. - Data on the characteristics of amphiboles and pyroxenes of pegmatite veins in the Il'menskiye Hills. p. 55.
Kadenskaia, M. I. - Veins and effusive rocks of the Turka-Darguzin watershed. p. 65.
Leonova, E. P. - Petrology of post-Jurassic intrusive bodies of the Yakokut-Kuronnakh watershed. p. 103.
Kadenskii, A. A. - Main features of the geological development and magmatic activity of the frontal range of the northwestern Caucasus. p. 123.
Ginzberg, A. S. - Importance of P. I. Lebedev's work for petrology. p. 140.

Vol. 121, 1955. Kafedra zarubezhnoi literatury [Department of Foreign Literature].
Table of contents translated:
Foreword. p. 2.
Grigor'ev, A. L. - Chekhov and progressive foreign literature. p. 3.
Geiman, B. IA. - Goethe's "Faust" in the light of the historical change between the 18th and 19th centuries. p. 43.
Anisimova, K. S. - Portrayal of the positive hero in Stendhal's works. p. 95.
Ovchinnikova, F. G. - The evolution of realism in Dickens' works. p. 113.
Khokhlov, IU. M. - Blasco Ibáñez, Spanish writer and democrat. p. 157.
Rubtsova-Chesnova, N. I. - Paul Vaillant-Couturier; a sketch of his life and works. p. 197.
Suzdal'skii, IU. P., Nadel'B. I. - A list of published works by I. I. Tolstoi, doctor of philology, professor and academician. p. 237.

Vol. 124, 1956. Voprosy professional'no-pedagogicheskoi podgotovki studentov v pedagogicheskom institute [Problems of the preparation of students of a pedagogical institute for teaching].
Table of contents translated:
Foreword. p. 3.
Kushkov, N. G. - The professional educational training of students and the instilling of unified purpose in the teaching of nonpedagogical courses. p. 5.
Pankratov, M. A. - Physiology and pedagogy. p. 21.
Rudnev, A. G. - Conducting the course "Modern Russian literary language" in relation to the professional educational training of the students. p. 43.
Bernadskii, V. N. - Determining the professional tasks of pedagogical institutes in relation to the teaching of history. p. 63.
Knobel'sdorf, E. V., and others. - Some aspects of the professional teaching of economic geography. p. 79.
Izmailov, S. V. - Professional educational orientation in a course on theoretical physics in pedagogical institutes. p. 111.
Skazkin, F. D., Kruberg, IU. K. - Professional educational orientation in teaching botany in schools of education. p. 131.
Smirnov, A. D. - Studies on the inorganic chemistry of preparations and their role in the professional training of students. p. 149.
Gerd, S. V. - Developing habits of independent work in biology students of pedagogical institutes. p. 167.
IAkubovich, M. P. - Special course on the syntax of a complex sentence. p. 181.
Matveeva, E. V. - Course on historical grammar in pedagogical institutes. p. 207.
Stepanova, V. V. - Conducting a special seminar on historical grammar. p. 217.
Abrosimova, T. A. - Seminar work on French theoretical grammar. p. 231.
Chagisheva, V. I. - Independent work by students in academic clubs; practice of a dialectology club. p. 241.
Vil'gel'minina, O. A. - Function of a Russian language room. p. 251.
The order in which linguistic course projects should be completed; instructions for students. p. 261.

No. 126, 1956. Kafedra doshkol'noi pedagogiki [Department of Preschool Pedagogy].
Table of contents translated:
Foreword. p. 3.
Porembskaia, L. A. - Everyday work as a means of teaching self-reliance to preschool children. p. 7.
Borisova, Z. N. - Tour of duty in the kindergarten as a means of developing a sense of responsibility in preschool children. p. 43.
Rimburg, R. M. - Play as a form of active learning activity for preschool children. p. 77.
Klochkova, E. P. - The function of conversation about what has been read in helping older preschool children to grasp the subject matter of works on nature. p. 103.
Despalova, V. P. - Educational games in the activities of older preschool children to acquaint them with their social environment. p. 141.
Fakhretdinova, M. N. - History of public preschool education in Soviet Bashkiria, 1917-1941. p. 171.

LITERATURA PO PEDAGOGICHESKIM NAUKAM [LITERATURE ON THE PEDAGOGICAL SCIENCES]. Jan. -Dec. 1954. Issued by Gosudarstvennaia biblioteka po narodnomu obrazovaniiu [State Library of Public Education]. Moscow, nos. 1-4, 1954-1955.

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Organ of Ministerstvo prosveshchenita RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 24, no. 10, Oct. 1956.
Table of contents translated:
Greeting the Sixth World Festival "For Peace and Friendship." p. 1.
Shelgunov, N. K. - "Rules for students" and student conduct. p. 6.
Litvinova, M. T. - How I teach children to write correctly. p. 9.
Kostenko, F. D. - Testing home-reading assignments. p. 16.
Spirova, L. F. - Spelling faults of first-grade pupils. p. 20.
Rozanov, M. N. - Evaluating pupils' mastery of arithmetic and working on their mistakes. p. 24.
Zubareva, Z. N. - Work organization in a living-nature corner. p. 29.
Zhilkin, A., Zhilkin, V. - The program and work method in sewing. p. 33.
Uritskii, N. Z., Arnol'd, N. V. - Motion pictures in the classroom. p. 40.
Dyleva-Kazanskaia, A. A. - Classes for summarizing reading. p. 43.
Kovtun, M. M. - How I organized reading outside the class for first graders. p. 44.
Gorbuntsova, T. IU. - Retelling in the first and second grades. p. 46.
Gamarnik, E. L. - A case from experience. p. 47.
Abaliaev, R. - First exercises in measurement for the first grade. p. 48.
Tomilina, A. I. - Manual training class in the first grade. p. 48.
Arsent'eva, P. - Detached calendar pages as visual aids. p. 50.
Shiriaeva, V. - The October holiday. p. 51.
Finarov, P. - "Book of readings in natural sciences" by M. N. Skatkin. p. 55.
Shastov, A. - Three booklets on manual training in the elementary school. p. 57.
Kalechits, T. N. - A useful book for parents. p. 59.
Karnitskii, P. N. - The article "The horizon" in the book of readings for the third grade. p. 60.
Shcherbakova, A. - Generalizing from the experience of elementary teachers. p. 61.
After-school groups in the schools of cities and workingmen's settlements in the R. S. F. S. R. p. 62.
Improve physical training in the school. p. 63.

D Ba

Vol. 21, no. 11, Nov. 1956.
Table of contents translated:
Living forces of the ideas of the Great October Socialist Revolution. p.1.
M[illegible], L.S. - First days in Boarding School No. 11. p.6.
Strezen, V.V. - The children of all lands are friends! p.11.
Agafonova, L.I. - Correspondence of young friends. p.15.
Dobrynina, L. - Teaching composition in the first four grades. p.17.
Sobolevich, N.M. - Expressive reading by pupils when they first begin to read. p.23.
Vasil'eva, M.S. - Improve the study of history. p.27.
Kargin, S.G. - Instruction in singing lessons. p.31.
Bogdanova, S.I. - My work with parents. p.34.
Pyrialev, S. - A.P.Popova, honored teacher of the schools of the R.S.F.S.R. p.37.
Afanas'ev, V.F. - Young schoolmistress in a Yakut school. p.39.
Baltaev, A.M. - More than 30 years in teaching. p.41.
Gerasimova, A. - A praiseworthy 50th anniversary. p.42.
Kirpikov, V.Z. - Elementary education in the Chinese People's Republic. p.43.
Baregulits, R.M. - Celebration on completing the beginning reader. p.46.
Samarina, V.A. - Forest stories. p.49.
Darmistrova, S. - For the international youth festival in Moscow. p.53.
Leutskii, A. - Boy from the gates of Narva. p.57.
Polozova, T. - Book on the literary career of S.IA. Marshak. p.57.
Berkhin, N. - New books on work with Pioneers. p.59.
Voskresenskaia, A.I. - Teachers of Arkhangel'sk Province discuss the periodical "Nachal'naia shkola." p.61.
Experience of the schools of Khalturin District (Kirov Province) in the general seven-year program. p.62.
A change in the system for the appointment, transfer, and discharge of elementary school teachers. p.63.
Measures to improve the distribution of educational personnel. p.63.

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 35, no. 10, Oct. 1956. [In Ukrainian.]
Table of contents translated:
Boarding schools are a significant phase in the development of national education. p.3.
Lysenko, M.M. - Reorganize the teaching of history in secondary schools in the light of the decisions of the 20th Congress of the Communist Party of the Soviet Union. p.8.
Pushkar'ov, M.A. - Practical work in electric engineering. p.17.
IAsymenko, M.A. - Systematic supervision over the quality of instruction by school principals. p.20.
Berz, E.P. - Demonstration by the rule of contraries. p.24.
Kruhliak, M.I. - Forming ideas and elementary conceptions in explanatory reading classes. p.27.
Teslenko, I.F., Chepeliev, V.I. - Training mathematics teachers for secondary schools in pedagogical colleges. p.33.
Vainrub, IE.M., Subotkevych, L.IA. - Work and recreation schedules for pupils. p.37.
Korzhepova, A.P. - Educational work of IUrii Fed'kovych. p.40.
Stukhova'kyi, M.M. - Grammatical analysis in secondary schools. p.46.
Horbatyi, P.A., Zinchenko, U.D., Bol'sen, IE.M. - "Algebra instruction in class 8" by O.S.Dubynchyk, T.IA.Nesterenko. p.48.
Pidhats'kyi, H.I., Skrypkin, I.M. - "Using visual aids in history classes" by M.I.Dehtiariuk. p.51.
IUshchenko, K.A. - "Class leaders on their work with Pioneers and the Communist Youth League." p.52.
New books. p.53.
Pashchenko, P.I. - Seminar for boarding-school personnel in Kiev Province. p.56.
Kruhliikov-Hrechanyi, P.P. - School chronicle. p.56.
Republic scientific conference on problems in applied science instruction. p.57.
The pedagogical community of the Ukraine celebrates the centenary of Ivan Franko's birth. p.62.

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Published by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 11, no. 11, Nov. 1956.
Table of contents translated:
A sense of social obligation. p.1.
Alekseenkov, B. - Popular wisdom on education. p.3.
D'iakonova, A. - Children's self-activity. p.4.
Sergeeva, A. - Moscow youths on the fields of a state farm. p.8.
Landa, L. - Teaching self-control. p.8.
Lazarevich, Vladimir. - Coming day. p.10.
Kulik, A. - Meeting. p.11.
Fedorov, V. - Missing. p.12.
Lisochkina, N. - Girl from the taiga. p.13.
Savchenko, Georgii. - Anxious heart. p.16.
Developed qualities of the will. p.20.
Readers' letters. p.21.
Razdolnaia, V. - Pioneers in Yugoslavia. p.24.
Shidlovskaia, K. - Solar and lunar eclipses. p.25.
Yakoberg, A. - Adoption. p.27.
Kovalevskaia, Marika. - Difficult days. p.29.
Zhukovetskaia, L. - A game loved by children. p.31.
Liubimova, E. - Doctors' advice to parents. p.33.
Zabludovskaia, E. - Rickets. p.34.
Cooking for children. p.35.

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 20, no. 11, Nov. 1956.
Table of contents translated:
The October Revolution and the role of teachers in cultural development. p.3.
Rasulbekov, I.D. - Role of Soviet society in the development of public education. p.9.
Landa, L.N. - Some defects in the study of students' thought processes. p.18.
Vysotina, L.A. - Guidance practice in the first and second grades. p.31.
IArovoi, V.S. - Organizing the club program in secondary schools. p.41.
Gatkevich, D.I. - Some aspects of the organization of students' attention in the teaching process. p.53.
Novitskii, R.I. - The daylight motion-picture screen in the school. p.63.
Vitukhnovskii, G.V. - Fight for the teachers during the first month of Soviet rule. p.71.
Comments on the article by O.I. Rut entitled "The status and tasks of teaching the theory of student training." p.83.
Golant, E.IA. - Theory of teaching methods in Soviet schools. p.99.
Stanelle, H. - Developing self-discipline in students. p.99.
Khrustaleva, V.A. - Work training in the public elementary schools of Russia before 1917. p.106.
Nefedov, G., Nefedov, IU. - What do parents expect of the periodical "Semia i shkola"? p.112.
Tangian, S.A. - Militant periodical of French teachers. p.116.
In the Academy of Pedagogical Sciences of the R.S.F.S.R.:
Conference of teachers from experimental schools of the Academy of Pedagogical Sciences of the R.S.F.S.R. p.122.
Methodological aid to teachers in rural seven-year schools with few rooms. p.124.
Educational exhibitions in the province. p.124.
Reunion after many years. p.125.
Measures to improve the preparation of teachers for work in general public schools. p.126.
Training teachers to teach more than one subject p.126.

SOVETSKII SHKOL'NIK [THE SOVIET SCHOOLBOY]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and Ministerstvo prosveshchenila R.S.F.S.R. [Central Committee of the All-Union Communist Youth League of Lenin, and of the Ministry of Education of the R.S.F.S.R.]. (In Braille). Moscow, no. 12, Dec. 1956.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego obrazovanlia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.
Table of contents translated:
Mel'chin, A.I. - Student youth on revolutionary barricades. p.3.
Cherniak, M.M. - How we are observing the 50th anniversary of the first Russian revolution. p.9.
Gurevich, D.A. - Systematically control the quality of teaching. p.12.
Malyshev, B.T. - The explorations must be soundly based. p.17.
Tul'chinskii, M.I. - Extend the construction of technical schools according to standard models by all possible means. p.22.
Maslennikova, T.F. - Lecturing in a technical school. p.32.
Storozhenko, S.M. - A parents' meeting. p.35
Rabin, O.P. - Russian language and literature room. p.37.
Bushinskaia, E.A. - My experience in organizing a club's activity. p.43.
Zelenin, E.V. - The program and textbook for mechanical drawing. p.46.
TSinkalov, A.M. - Make better use of the class hour. p.50.
Sivirkina, L.S. - Instill students with an interest in the subject. p.52.
Kudin, N.D. - A good way of uniting theory with practice. p.54.
Student contest. p.57.
Liebmann, A. - Industrial practice in the Technical School of Heavy-Duty Machine Construction in Wildau (German Democratic Republic). p.58.
Brief news. p.61.

No. 10, Oct. 1956.
Table of contents translated:
Relating course projects to present needs. p.3.
Klimushev, V.IA. - For a profound [illegible] of the Communist Party of [illegible]
Tul'chinskii, A.S. - Conducting [illegible]
Kligman, I.N. - Not only plan [illegible] them. p.15.
Ratinov, S.B. - Eliminate overlapping [illegible] courses. p.19.
Portnov, IA.L. - Students must [illegible] lesson. p.21.
Organova, I.P. - Teaching literature [illegible] the ten-year schools. p.24.
Mitriushin, M.M. - Making history [illegible] school. p.29.
Rozanova, M.I. - Promote love of [illegible] p.36.
Serguchev, A.IU. - Molding students' [illegible]
Prazdnikov, B.G. - Educational work [illegible] p.39.
Cherianova, N.A. - Visit the [illegible] often. p.42.
Chudakov, S.M., Smirnov, M.M. [illegible] spondence with parents. p.43.
Levitskii, I.I. - Closer to practice [illegible]
Demidov, P.P., Khitrov, A.E. [illegible] from improving the training of [illegible]
Kalinin, V.IA. - Aspects of applied [illegible] teaching of specialized subjects [illegible]
Srochko, N.P., Totsenko, F.D., [illegible] Change the system for the allotment [illegible] students. p.54.
History teachers' association for the [illegible] p.55.
Il'ina, T.A. - Correspondence education [illegible] p.56.
How the plan for textbook publication [illegible] p.60.

VESTNIK VYSSHEI SHKOLY [REVIEW OF HIGHER LEARNING]. Organ of Ministerstvo kultury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 14, no. 10, Oct. 1956.
Table of contents translated:
Lenin prizes. p.1.
Give unflagging attention to the education [illegible] youth. p.3.
Gorshchenko, B.S. - Use every [illegible] the training of scientists. p.7.
Polukhin, D.I., Vasil'ov, D.I. - [illegible] in the field of automation is an important [illegible] the advanced technical schools. p.15.
Dobrodomova, L.F. - The study of [illegible] theory raises the standard of the [illegible] ing of students. p.10.
Davydov, V.N. - Teaching a course [illegible] other courses in an institution of [illegible] p.19.
Khavronin, I.L. - Methodological [illegible] improve teaching. p.21.
Readers discuss:
Aleksandrov, D.V., and others. - [illegible] improving technical education in [illegible] and evening schools. p.24.
Treier, V.N. - Aspects of teaching [illegible] "Machine parts." p.26.
Entukov, A.V., Tolkunitsa, A.A., [illegible] More diploma projects in agricultural [illegible] p.30.
Gulisashvili, A.A. - Conference of [illegible] city teachers. p.33.
Experience and proposals:
Ivanov, A.IA. - The practical training [illegible] sanitary engineers. p.36.
Stabnikov, V.N. - Classroom demonstrations [illegible] the course "Processes and apparatus of [illegible] works." p.37.
Marshak, A.L., Nartsov, L.N. - Conducting [illegible] practical projects in a general technical [illegible] p.39.
Shishkina, A.G. - The use of visual aids [illegible] nations. p.40.
In the Ministry of Higher Education. p.42.
In the Certifying Commission for Higher Education [illegible] p.43.
Answers to readers' questions. p.44.
Radov, A.S. - Agricultural schools of [illegible]
Gol'dman, A.G. - Some aspects of the teaching of physics in American higher educational [illegible] p.48.
Braslavskii, I.IA. - Inform the scientific [illegible] extensively about defended dissertations. p.[illegible]
Karpenko, G.V., and others. - A good teaching aid. p.55.
New publications by institutions of higher learning. p.56.
Brief news. p.58.
Topic list of dissertations defended in the second semester of 1955 for the academic degree of candidate of Historical Sciences in the field "History of the Communist Party of the Soviet Union." p.60.
Follow-up of materials in "Vestnik vysshei shkoly" [illegible] p.64.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 25, no. 10, Oct. 1956.
Table of contents translated:
Lapteva, L. - The people who join the Communist Youth League. p.2.
Efetova, T. - Where songs resound. p.4.
Pronin, N. - Here we found friends. p.6.
Kalashnikov, G. - The sea will not stop us. p.7.
Kovalenko, V. - Attention! They are shooting a film here. p.8.

Shcherbak, E. - Neighbors. p.10.
Koryndin, N. - An evening of wonders. p.12.
Reznikov, A. - Preparing for the festival. p.13.
Salimova, L. - In three languages. p.16.
Rubianskaia, M. - They forgot about IUra. p.19.
Trofimova, S. - Her secret. p.21.
Astrov, I. - Evening of friendship. p.22.
Galabanova, N. - Il'ich's youth. p.24.
Ippolitov, I. - Club of interesting matches. p.26.
Rakelis, V. - Faster than thought. p.30.
Marlin, M. - Children in People's China. p.34.
Gaidechko, V. - It started with ping-pong. p.37.
Kravchuk, M. - Happiness; verse. p.39.
Krutetskii, V. - Red necktie; verse. p.39.
Naidenova, N. - Song of friendship; a song. Music by S. Niss. p.40.
Aver'ianov, A. - Hunters; a humorous song. p.41.
Petrova, Z. - Galoshes; a song. Music by A. Ostorv - skii. p.42.
Bogomazov, S., Shatrov, S. - Mysterious page; a play. p.44.
Avrashov, B., Lekhtsiev, G. - Stage director's comments. p.49.
Denisov, F. - The dance of sailors. p.52.
Ronis, A. - Chandeliers, lampshades, sconces, and lanterns from plywood. p.54.

b) PHYSICAL EDUCATION & GAMES

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORT]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 26, no. 10, 1956.

Table of contents translated:

Bright demonstration of friendship. p.1.
Bogoslovskii, V. - Spartakiada of youth. p.2.
Gallitskii, A., Popov, N. - The stadium threw open its gates. p.4.
Shneider, L. - The second birth. p.6.
Putilnachev, V. - On Siberian land. p.8.
Shakhnazarov, A. - Decisive day. p.9.
Nalmushin, A. - The 1360 kilometer swim. p.10.
TSvetkov, K. - Kustanay walkers. p.11.
Shvedov, A. - Excellent technique for strong rowers. p.12.
Turanov, N. - Leisure of the Honored Master of Sports. p.13.
Meyer, Gaston. - Chances of European athletes in Melbourne. p.14.
Chesnokov, B. - More than six-hundred holds on the mat. p.19.
Mishin, R. - In a small town near the Carpathian Mountains. p.18.
Aduevskii, V. - Olympic year in China. p.20.
Trapeznikov, V. - In the Egyptian Republic. p.22.
Golikov, A. - Under the parachute canopy. p.24.
Festival of unity. p.26.
IUdovich, M. - Tournament of nations. p.28.
Olympic champions. p.29.
Sintsyn, V. - In swimming pools of the U.S.A. p.30.
Petrov, S. - From the history of the Olympic games. p.32.
Motley facts. p.33.
Malchnov, A. - In honor of the Spartakiada. p.34.
German, V. - Fowling. p.35.
Shvytov, N. - "Old people" and the Spartakiada. p.36.
Ostrovskii, IU. - Surprise; a story. p.38.
New books. p.40.

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 9(10), Sep. 1956.

Table of contents translated:

Kosvintsev, D. - Spartakiada of the peoples of the Soviet Union. p.2.
TSvetkov, K. - Vladimir Pollakov. p.6.
Puktrov, V. - Galina Bystrova. p.6.
Ozolin, N., Markov, D. - Ademar da Silva and Leonid Shcherbakov, masters of the hop, step and jump. p.10.
Tipakov, V., Chernobai, V. - Pole vaulting technique. p.12.
Foreign guests on the Spartakiada. p.16.
Krasnov, I. - Change the competition system for rural youth. p.16.
How to make a javelin. p.19.
Kuznetsov, E. - Six weeks in India. p.20.
L'vov, B. - Track athletes of the U.S.A. before the Olympic games. p.23.
Vorob'ev, Evgenii. - Running around the world. p.26.
Gordon Pirie. p.29.
Shirley Strickland. p.30.
Iskoi, Mihaly. - How I train my track athletes. p.31.

No. 10(17), Oct. 1956.

Table of contents translated:

Editorial: Results of the Spartakiada. p.2.
Sergeev, I. - Soviet all-round athletes in the struggle for records. p.6.
Ozolin, N. - Planning sports training. p.9.
Ostapenko, A. - Developing speed in the 110-meter hurdle runner. p.11.
How to train to become a track athlete of the first category; weekly training cycles for 5000- and 10000-meter runners. p.13.
Vanin, F. - Run cross-country races. p.15.
Andreev, P. - At the All-Union Student Spartakiada. p.16.
Makhova, E., Prager, R. - Competition among teams of schools of higher learning. p.20.
Salutskii, A. - Under the badge of friendship. p.24.
Kaitmazova, E., Tennov, V. - On the eve of the Sixteenth Olympic Games. p.25.
Candidates for Olympic medals: Janusz Sidlo, Zenta Gastl, Karel Merta, Perry O'Brien, Charles Dumas, Jim Lee. p.30.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 33, no. 9, Sep. 1956.

Table of contents translated:

Central chess club. p.257.
Rogard, F. - Our peaceful chess games. p.258.
Alatortsev, V. - Friendly match. p.259.
IUdovich, M. - Tournament of chess players from eight countries. p.262.
In Prague and Marianske Lazne. p.265.
Games and endings:
M. Filip - D. Sliadi. p.266.
L. Pakhman - V. Ragozin. p.266.
B. Ivkov - B. Smyslov. p.267.
N. Karaklaich - IU. Averbakh. p.268.
P. Keres - A. Matanovich. p.268.
B. Zhamsram - L. Lend'el. p.269.
V. Zurakhov - G. Iliviitskii. p.270.
A. Tolush - A. Blagidze. p.270.
N. Bakulin - B. Voronkov. p.271.
Levenfish, G. - Theory of rook endings. p.272.
Vukovich, V. - Two endings from the tournament in Zagreb. p.272.
Sheroshevskii, IA. - Chess organization in the Ukraine. p.274.
Suetin, A. - Tournament in Tallinn. p.275.
Berezin, I. - Youth goes forward. p.277.
Shinkarevskii, S. - This is how success comes. p.278.
Ratner, B. - Tournament of Ukrainian chess players. p.279.
Estrin, IA. - Championship of the Tajik S.S.R. p.280.
Narkovich, A. - Second edition of the book on Petrov. p.282.
Tournaments by correspondence. p.283.
Kuprianov, K. - Results of the international tournament in Moscow. p.284.
Kuperman, I., Gorodetskii, V. - All-Union tournament of "Spartak" members. p.285.
Competition in three-move problems, 1955. p.286.
Gerbstman, A., Korol'kov, V. - A study with remarks. p.287.

Vol. 33, no. 10, Oct. 1956.

Table of contents translated:

Results of the 27th Congress of the International Chess Federation. p.289.
Igilitskii, A. - Outstanding Russian chess player. p.291.
Kotov, A. - Art of defense in Alekhin's games. p.293.
Shishko, S. - Recollections about Alekhin. p.297.
Shamkovich, L. - What's new in the theory of openings. p.299.
Games and endings:
M. Taimanov - M. Udovchich. p.303.
P. Keres - V. Unitsiker. p.304.
D. Sliadi - S. Flohr. p.304.
IA. Shattar - N. Namzhil. p.305.
L. Lend'el - V. Antoshin. p.306.
S. Sokolov - V. Osnos. p.306.
P. Kondrat'ev - D. Rovner. p.307.
E. Stoliar - R. Nezhmetdinov. p.307.
A. Lilienta! - L. Kalashian. p.308.
G. Kanatan - E. Zelinskii. p.308.
N. Sidorov - V. Golenishchev. p.308.
Khavin, A. - Championship of the Ukraine. p.309.
Fedorov, G. - In honor of the Spartakiada. p.311.
Magergut, A., Fridshtein, G. - Championship of the "Burevestnik" Association. p.311.
Vainshtein, B. - Collection on tournaments. p.313.
IAkovleva, L. - Marginal notes. p.315.
Petrov, S. - Junior team championships. p.316.
Three hundred and twelve compositions. p.318.
Korol'kov, V. - A. Troitskii's unpublished study. p.319.
Birbrager, I. - Competition of Uzbek composers. p.320.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sports, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 19, no. 9, 1956.

Table of contents translated:

Editorial: Toward new successes in the development of physical culture and sports. p.641.
Nikiforov, I.I. - Government-managed organization of physical education and sports. p.649.
Ebel', E.I. - Analyzing performances of Soviet horsemen at the Seventh Winter Olympic Games. p.656.
Eremenko, N.P. - Characteristics of the physical stress of different elements of lessons in track athletics. p.661.
Khudadov, N.A., Romanov, V.M. - Some problems in training young boxers in school sections. p.664.
Lovitskaia, I.V. - Training athletes to relax muscles in order to increase their sports efficiency. p.670.
Agranovskii, M.A. - Fall training in skiing. p.678.
Mironova, Z.S., Martens, A.S. - General treatment of knee joint injuries in athletes. p.684.
Levando, A.M. - Otorhinolaryngological examination of swimmers. p.690.
Sosun, I.F. - Work practice of the physical culture group in a rural school. p.696.
Tikhomirov, I.N. - "Motorboating; instructions for drivers" by IU.V. Emel'ianov and others. p.698.
Rototaev, P.S. - Toward the highest summits of the world. p.700.
Molchanov, S.P. - Before the Olympic tournament in soccer. p.705.
Petukhova, N.I. - Basketball equipment in the U.S.A. p.707.
Sports camps for youth in America. p.710.
All-Russian conference on physical training in schools. p.712.
Fifth scientific and methodological conference of physical education teachers of Dnepropetrovsk institutions of higher learning. p.716.
Plenum of the committee on physical training in institutions of higher education. p.717.
Dissertations defended. p.719.

Vol. 19, no. 10, 1956.

Table of contents translated:

Editorial: More concern for scientific research work. p.721.
Popov, N.K. - Final contests in gymnastics. p.728.
Chesnokov, B.M. - Classical wrestling at the Spartakiada of the Peoples of the U.S.S.R. p.733.
Maksimov, A.A. - Results of final contests in marksmanship. p.739.
Gromadskii, E.S. - Important means for increasing sports mastery. p.745.
Osipov, I.T. - Some results of the scientific research work of physical culture institutes in 1955. p.752.
Motylianskaia, R.E. - Sports specialization of school children in the light of data of medical research and methods for further studies on this problem. p.758.
Kolbanovskaia, E.IA. - Medical observation of riders during training for a several-day bicycle racing. p.766.
Belorusova, V.V. - G.G. Shakhverdov; on his 70th birthday. p.773.
Kuznetsov, A.A. - Physical culture group at the Saulaine Agricultural College. p.775.
Fedorova, M.A. - Best physical culture groups in rural schools. p.780.
Petrova, L.A. - Methods for the organizational strengthening of physical culture groups in schools and developing their educational role in mass work with students. p.783.
Remarks on IU.I. Melamed's article "Migration of leucocytes to the oral cavity during muscular activity." p.787.
Ogurenkov, E.I. - Foreign experts on infighting technique. p.789.
Importance of correct respiration in horseback riding. p.792.
Zotov, I.G. - New sports and racing motorcycles abroad. p.793.
Borisova, N.N. - Bicycle racing in Belgium; talks with riders and trainers of the national Belgian team. p.796.
IAkovlev, N.N. - International conference on problems of the nervous regulation of metabolism. p.798.

## 9. MUSIC, THEATER & MOTION PICTURES

a) MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz sovetskikh pisatelei SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Soviet Writers of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Trifonova, T. - Against stylistic disharmony. p.3.
Khanutin, IU. - A tragedy which isn't revealed. p.17.
Kaplan, M. - The younger generation. p.29.
Mil'ko, E. - Predawn storm. p.37.
Gastev, A. - Planned murder. p.82.
Readers about screenplays. p.89.
Antonov, S. - Visiting Korean motion-picture workers. p.93.
Avenarius, G. - Bernard Shaw and the cinema. p.99.
Bernard Shaw's questionnaire. p.107.
The new French film "The best part." p.110.
Festival of Armenian motion pictures. p.112.
Second festival of motion pictures produced by "Mosfil'm." p.113.
From the progressive practice of the M. Gor'kii studio. p.115.
In the Institute of the History of Art of the Academy of Sciences of the U.S.S.R. p.118.
Scenario portfolio of the "Lenfil'm" Studio. p.119.
In a few lines. p.119.
In the All-Union Committee of Physical Education and Sports. p.121.
The Cannes festival. p.122.
Humor. p.122.
New motion pictures. p.124.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Science films for the general public. p.1.

B 9a - c

Gentsov, N. - From collective farm to collectivefarm.
Karavaev, A. - Ulimtsev, expert repairman of motion-picture equipment. p. 6.
Taranets, E. - In the mountains of Transcarpathia. p. 7.
Vinogradov, G. - Five-year plan fulfilled ahead of time. p. 9.
Filanovskii, IU. - In Krasnoyarsk Territory. p.10.
Film showings for lumbermen. p. 11.
Bessonov, V. - The Altai Film Rental Bureau functions poorly. p. 12.
Shirokov, R. - Film rental in the Czechoslovak Republic. p. 14.
Bruskin, D. - Motion-picture equipment for rear projection with a shortened pit. p. 17.
Bukharev, A. - Portable motion-picture equipment used for films accompanying lectures. p. 24.
Vifilantsev, V. - Improve motion-picture projection continuously. p. 26.
How to use reserve motion-picture projection apparatus correctly. p. 28.
Romanov, V. - Expedite the supply of spare parts. p. 29.
What our readers write about the stationary motion-picture projector for 16 mm. films. p. 30.
Lapauri, A. - Anamorphote attachment for wide-screen projection. p. 31.
Exchanging of technical information by film supply centers. p. 36.
Examination questions for motion-picture operators in the first category. p. 37.
Savonov, A. - Typical defects of the KUSU-52 unit. p. 41.
Innovators' suggestions. p. 42.
We answer readers' questions. p. 44.
Motion Pictures: "Forty-first," "Birth of a real person," "White poodle," "Different fates." p. 45.
Agricultural films recommended for rural showing. supplement.

b) MUSIC

MEZHDUNARODNAIA KNIGA. Muzykal'naia literatura. Katalog dlia zakazok [Musical Literature. Order katalog]. Moscow, nos. 23-24, 1956.

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz sovetskikh kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Soviet Composers and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 20, no. 9, Sep. 1956.

Table of contents translated:

Martynov, I. - Inspiring master; V. Zakharov's works. p.3.
Shostakovich, D. - Thoughts about my past career. p.9.
Shaporin, IU. - D. Shostakovich's 50th birthday. p.16.
Abezgauz, I. - Kara Karaev. p.19.
Bialik, M. - Georgii Nosov's songs. p.28.
Brodianskaia, N., Ziv, S. - What the review of young composers showed. p.32.
Sokhor, A. - Adherence to principles in criticizm. p.39.
Kovalenkov, Al. - Songs, verse, and lyrics. p.47.
Rodygin, E. - Folk choruses. p.53.
Filenko, G. - A forgotten opera by Haydn. p.57.
Kogan, Gr. - Liszt's career as a pianist. p.66.
Makdenko, P. - Visiting the Don Cossacks. p.76.
Sakva, K. - Soviet opera on the "Malegot" stage. p.84.
Lebedinskii, L. - "Don Carlos" and "Gioconda." p.89.
Nikolaev, N. - The State Symphony Orchestra. p.95.
Grosheva, E. - Conductor M. Tavrizian. p.101.
IAunzem, I. - Review of vocalists. p.105.
yki. - Past and coming seasons. p.108.
singer. p.112.

p.113.

[illegible] concerts.
Musical life in the Philippines. p.144.
Danilevich, L. - P.I. Chaikovskii's symphonies. p.146.
Solovtsova, L. - Unknown pieces by Rossini. p.149.
Khokhlov, IU. - A collection of articles on Kazakh music. p.153.
Solodukho, IA. - Songs of the peoples of the world. p.153.
Brief news. p.156.
Letters to the editor. p.159.

Vol. 20, no. 10, Oct. 1956.

Table of contents translated:

Liebknecht, K. - Song of unity. Music by An. Novikov. p.3.
Novikov, An. - Music and life. p.3.
Liatoshinskii, B. - R.Glière, musician, teacher, and friend. p.12.
Dobrynina, E. - "The fatherland"; an oratorio by IU. Levitin. p.18.
Karminskii, M. - The Ukrainian composer V. Nakhabin. p.24.
Korev, IU. - The song in Sigizmund Kats' work. p.31.
Aranovskii, M. - "Pavlik Morozov"; notes on IU. Balkashin's symphonic poem. p.36.
Stumbre, S. - Lucija Garute's piano concerto. p.39.
Glezer, R. - "Czechoslovak pictures"; a quartet by V.Vlasov. p.43.
Keldysh, IU. - Vital problems in our criticism. p.47.
Vinokur, L. - Frankness without "figures of omission." p.56.
TSukkerman, V. - Expressiveness of Rimskii-Korsakov's harmony. p.59.
Gol'din, M. - The Latvian revolutionary song. p.65.
Grigorian, G. - In Yakutia. p.71.
Rybakova, S., Fliarkovskii, A. - Singing land. p.79.
Morov, Al. - The pride of Cesis. p.87.
Abramskii, Al. - Songs of the Moscow region. p.90.
From V.Stasov's unpublished letters. p.91.
Recollections about I.Ershov. p.97.
Aravin, P., Varshavskii, L. - The first Uigur opera. p.101.
Ikonnikov, A. - Ballet in the Malegot. p.106.
Rubin, S. - "Okhonia"; an opera by G. Beloglazov. p.112.
Geilig, M. - "The shawl"; Hungarian ballet on the stage of the Saratov Theater. p.116.
Toradze, G. - "Song of Eteri"; a Georgian film. p.119.
Masters of Indian art in Moscow. p. 122.
At a concert of band music. p.123.
Symphony orchestra of Uzbekistan. p.124.
Mongolian ensemble. p.125.
In parks and gardens:
Central Park of Culture and Rest. p.127.
"Sokol'niki." p.128.
Chronicle of concert life: Leningrad, Kiev, Petrozavodsk, Kuybyshev, Kislovodsk. p.129.
Voice of the listener. p.130.
"Sing out"; songs of the common people. p.132.
Sarkisov, O. - In the cities of Germany, Switzerland, and Austria. p.134.
Sonobe, S. - Through the eyes of a Japanese musician. p.139.
Letters from abroad. p.141.
In music journals. p.143.
Brief notes. p.146.
Golovinskii, G. - New work on Borodin. p.147.
Tuisk, O., Loo, A. - Booklet on Estonian music. p.149.
Brief notes on scores. p.152.
Brief news. p.156.

c) THEATER

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Issued by "Molodaia gvardiia" ["Young guard"]. Moscow, no. 5(77), 1956.

Table of contents translated:

POETRY AND PROSE FOR THE STAGE:
Chepurov, A. - On an October day. p.5.
Kataev, V. - Sails. p.6.
Bek, A. - Lenin's letter. p.9.
Ryl's'kyi, M. - In these days. p.13.
Tomchanli, M. - On the road. p.14.
So Man-il. - Reading Lenin. p.17.
Parnis, A. - The sailor. p.18.
We hear the voice of the motherland; literary and musical program for reading with chorus. p.19.
Siundiukle, M. - The mason's song. p.22.
Kvin, L. - Two on a combine. p.23.
Vasil'ev, S. - Paternal region. p.27.
Maksimov, M. - About the atom. p.28.
Zalygin, S. - How I arranged things for my daughter. p.30.
Tank, M. - Anelka. p.34.
Tank, M. - Confession. p.34.
. - The orchard. p.35.
v, R. - Long winter. p.36.
S. - The bathhouse. p.38.
V. - Musical story. p.39.
ska, S. - Foma Kotyk's noble deed. p.40.
. - Poor toiler. p.42.

Lenin is always with you. p.47.
. - Sailors' song from the opera
.
. - Sailors' chorus from the opera
.
Angara song. p.56.
E. - Dancing song for the festival.

Bunin, V. - The dawn of peace. p.66.
Olenicheva, A. - Over hillock, over bank. p.70.
Stonov, IU. - My accordion plays with a singing tone. p.72.
Taneev, S. - My heart beats anxiously. p.76.
Taneev, S. - Evening. p.83.
PLAYS:
Apushkin, IA. - Into the storm. p.89.
Kulik, A. - The beloved and the distant. p.96.
Bakhnov, V., Kostiukovskii, L. - "District terror." p.105.
Franko, I. - Master Cherniak. p.110.
DANCES:
Dance of the Kazan Tatars. p.127.
Games. p.136.
Poponov, Vl. - Learn to play the mandolin and guitar. p.139.

REPERTUARNYI SBORNIK DLIA AMA[illegible]SKOI KHUDOZHESTVENNOI SAMODE[illegible] [REPERTORIAL COLLECTION FOR AMA[illegible] NAVY AMATEUR PERFORMANCES] Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 2(97), 1[illegible] slavy i pobed [Army of glory and victories]

Table of contents translated:

Lahuti, A. - To the party leading us. p.[illegible]
Kanygin, V. - Alongside communists. p.[illegible]
Tvardovskii, A. - Ninth of May. p.[illegible]
Riadchenko, I. - High position. p.[illegible]
Glotov, V. - Friends. p.[illegible]
Mashin, V. - Ballad on a fragment. p.[illegible]
Snegirev, N. - Look ahead. p.11.
Koshelda, A. - Sea battle. p.13.
Ivanov, V. - Holiday parade. p.14.
Krivanchikov, N. - Return to the [illegible]
Lugovskoi, V. - Tankmen. p.16.
Alatyrtsev, V. - In a new place. p.17.
Zakharov, IA. - Tractor driver. p.19.
Zakharov, IA. - At the firing range. p.[illegible]
Prodan, IU. - Spring in the camp. p.[illegible]
Vinokurov, E. - Accordion. p.24.
Couplets. p.26.
Polevoi, B. - On a military route. p.[illegible]
Kassil', L. - Absolute pitch. p.[illegible]
Lichak, N. - Important assignment. p.[illegible]
Kozhevnikov, V. - Exploit. p.43.
Lavrenev, B. - "For those in the rear", [illegible] the play. p.46.
Gusev, V. - Your song. p.63.
Isaev, B. - Military command. p.[illegible]
Boranenkov, N. - Greeting from a [illegible] by two masters of ceremonies. p.[illegible]
Trivas, M. - Encore. p.100.
Dykhovichnyi, Vl., Slobodskoi, M. - [illegible] p.101.
Vasil'ev, S. - Important discovery. p.[illegible]
Vasil'ev, S. - Fedot but not Fedot. p.[illegible]
Mikhalkov, S. - On a hot day. p.[illegible]
Timofeev, B. - Shooting lesson. p.[illegible]
IAshin, A. - Little Zhorzh. p.[illegible]
Riadchenko, I. - Affair of the cup. p.[illegible]
Kudrin, L. - "The grassy sward." p.[illegible]
Smirnovskii, S. - In the portfolio. p.[illegible]
Ivanov, V. - Yankee champion. p.[illegible]
Hašek, J. - Examples from life. p.[illegible]
Laskin, B. - Two comrades. p.[illegible]
Alymov, S. - Triumphant cantata. [illegible] p.125.
Lapirov, M. - The combat engineers [illegible] Music by L. Bakalov. p.[illegible]
Fantasy for two accordions on themes [illegible] the Great Patriotic War. Musical [illegible] arrangement by A. Surkov. p.[illegible]
Suvorov march. Music by A. Arenskii. p.[illegible]

No. 3(99), 1956. 1905 god [The year 1905].

Table of contents translated:

Gor'kii, M. - "Song of the petrel." p.[illegible]
Maiakovskii, V. - The year 1905; excerpts from the poem "Vladimir Il'ich Lenin." p.4
Bednyi, D. - Main Street; excerpts from the poem. p.7.
Surkov, A. - Conversation with the future. p.[illegible]
Sedykh, D. - Ballad about the battleship [illegible] p.13.
The hour has struck. p.14.
Shchepkina-Kupernik, T. - Home again. p.[illegible]
Gor'kii, M. - The ninth of January. p.[illegible]
Gor'kii, M. - The first of May. p.21.
Vasil'ev, A. - Close to Russia's heart. p.[illegible]
Shtein, A. - Prologue; staging of scenes. p.[illegible]
Malkov, V. - A message for the party. [illegible] by N. Ivanov. p.56.
Ushakov, N. - Song of the barricades. [illegible] A. Davidenko. p.60.
The 905th; piece for orchestra of folk instruments. Music by L. Orlov. p.64.
Onto the barricades. Arrangement for [illegible] by V. Motov and A. Surkov. p.82.

No. 4(99), 1956.

Table of contents translated

Rylenkov, N. - I thank my party. p.3.
Drakokhrust, A. - Going before. p.4.
Berggol'ts, O. - Your youth. p.6.
Nazarov, G. - To a young soldier. p.8.
Skorodumov, V. - Taking the oath. p.9.
Karpov, V. - Boatswain. p.10.
Lashkov, L. - The pass. p.11.
Kroslov, V. - The veteran. p.13.
IAkovlev, IU. - In the waiting room. p.15.
Simonov, K. - Love. p.19.
Lavrenev, B. - Before the holiday. p.21.
Sholokhov, M. - They fought for the homeland. p.31.
Antonov, S. - Noncombatants. p.31.
Boranenkov, A. - Lost course. p.35.
Bezymenskii, A. - Indifference. p.38.
Simonov, K. - Once upon a time there was a [illegible] cautious. p.43.
Tkachenko, V., and others. - Soldier couplets. p.[illegible]
Timofeev, B. - In a certain country. p.46.
Mel Colby. - The noiseless skis of Mr. [illegible] p.49.
Afanas'ev, V., Zhitkovich, S. - The question remains open. p.52.
Blagov, IU. - The barber and the chatterbox. p.[illegible]

Vuros, D., Polev, P. - "Joker." p. 55.
Melander, A., Reznik, M., Lipskerov, F. - Dialogue for two performers. p. 57.
Bondareva, E. - Crystal key. p. 64.
"Relaxing"; sailors' dance. p. 107.
Kamenetskii, IU. - The regiment is marching. Music by K. Listov. p. 141.
Tikhonov, N. - The Soviet flag. Music by V. Alekseev. p. 145.
Nekrasova, L. - Song of Army friends. Music by A. Dolukhanian. p. 153.
Fogel'son, S. - White-winged sea gulls. Music by D. Pritsker. p. 157.
Barcarolle. Music by P. I. Chaikovskii. p. 162.

No. 2(101), 1956.
Table of contents translated:
Lashkov, I. - No higher honor. p. 3.
Zheleznov, P. - The oath. p. 4.
Kozlovskii, IA. - The sacred regimental banner. p. 5.
Vasil'ev, S. - We remember! p. 7.
Kuchin, I. - Soldiers. p. 10.
Tel'kanov, S. - Ballad about an immortal friend. p. 11.
Dubrovin, B. - Ballad about a break. p. 13.
Vanshenkin, K. - Veterans. p. 15.
Chikin, L. - Friendship. p. 16.
Muratov, I. - To an infantry private. p. 17.
Tel'kanov, S. - On courage. p. 19.
Titov, G. - Incident during exercises. p. 20.
Ćopić, Branko. - A talk with an immortal. p. 23.
Sobolev, L. - The two "U's." p. 28.
Ashkenazi, Liudvik. - Dushan and the general. p. 35.
Nikulin, IU. - Unusual role. p. 40.
Trivas, M., Shapirovskii, E. - Sketch for two performers. p. 50.
Volzhanin, M. - By means of exchange. p. 66.
Dunaev, S. - The adder and the elephant. p. 67.
Lakeev, N. - The coupler. p. 68.
Zolotarevskii, I. - The tail. p. 70.
Malin, A. - I don't disturb anyone. p. 71.
Volzhanin, M. - Soldier couplets. p. 73.
Gur'ian, V. - Song about the party. Music by N. Kutuzov. p. 75.
Malkov, V. - City of glory. Music by N. Ivanov. p. 78.
Benko, S. - Song of Soviet fliers. Music by L. Bakalov. p. 83.
Gleizarov, N. - I have visited Bucharest. Music by A. Voronov. p. 87.
Motov, V., Surkov, A. - Fantasy for two accordions on themes from songs of the Great Patriotic War. p. 90.
Acrobatic performance; arranged and described by P. Panibratsev. p. 101.

## 10. FINE ARTS

### a) GENERAL

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR and Orgkomitet Soiuza sovetskikh khudozhnikov SSSR [Ministry of Culture of the U. S. S. R. and of the Organizational Committee of the Association of Soviet Artists of the U. S. S. R.]. Moscow, vol. 19, no. 6, 1956.
Table of contents translated:
Gabilov, N. - National art. p. 3.
Semenov, M. - The sculptural decoration of cities. p. 5.
Lebedev, A. - A word from the precongressional tribune. p. 7.
Kostin, V. - Drawing for periodicals. p. 11.
Roginskaia, F. - Artists of Soviet Armenia. p. 16.
Klimova, M. - Water-color painters of Moscow. p. 23.
El'kovich, L. - L. G. Brodaty. p. 26.
Zinger, E. - V. G. Litvinenko. p. 29.
Kravchenko, K. - L. A. Bruni. p. 31.
Geberman, D. - N. F. Lapshin. p. 32.
Bassekhes, A. - Rembrandt's truth. p. 33.
Rotenberg, E. - Problem of the historical painting in the works of Rembrandt. p. 42.
Orlova, M. - Exhibition of English art. p. 51.
Tiuliaev, S. - Exhibition of the art of India. p. 65.
Krivtsov, V. - Ku Yüan, artist of the new China. p. 71.
Sidorov, A. - Book on an eminent contemporary German artist. p. 77.
Soviet news items. p. 79.
Foreign news items. p. 81.

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSR, Spilka radians'kykh kompozytoriv and Spilka radians'kykh khudozhnykiv Ukrainy [Ministry of Culture of the Ukrainian S. S. R., Association of Soviet Composers, and Association of Soviet Artists of the Ukraine]. Kiev, no. 4, July-Aug. 1956. [In Ukrainian.]
Table of contents translated:
Ostrova'kyi, H. - Indefatigable champion of realism. p. 2.
Knifukh, O. - The Great Mason in the works of Ukrainian painters. p. 5.
Khomychova'kyi, M. - Franko and music. p. 9.
IUra, Inat. - Stage history of "Stolen happiness." p. 12.
Romitsyn, A. - Special problems in motion pictures (to be continued). p. 16.
Liashenko, I. - Realism and creative individualism in music. p. 19.
Berezova'kyi, I. - Let us compose resounding and winged songs. p. 24.
Mahar, V. - Thinking aloud. p. 27.
Burlakivs'kyi, A. - Notes of a director. p. 29.
Bilets'ka, L. - Dnepropetrovsk mobile theater. p. 31.
Young actors on parade. p. 33.
Producers report. p. 34.
A little on the history of Yugoslavian theater; a reference. p. 35.
Han, IAkiv. - Theater of the friendly people. p. 36.
Bilets'kyi, P. - On the problem of "Remrandt's light"; on the 350th anniversary of the painter's birth. p. 41.
Khlibtsevych, IE. - Outstanding artist; on the 25th anniversary of I. E. Zamychkiva'kyi's death. p. 45.
Art calendar. p. 48.

### b) ARCHITECTURE

ARKHITEKTURA I STROITEL'STVO MOSKVY [ARCHITECTURE AND CONSTRUCTION IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers Deputies]. Moscow, vol. 5, no. 9, Sep. 1956.
Table of contents translated:
Raising all work to the standard set for the sixth five-year plan. p. 1.
The honorable task assigned to Soviet architects. p. 3.
In the Council of Ministers of the U. S. S. R. p. 3.
In the State Committee of the Council of Ministers of the U. S. S. R. on Building and the Union of Soviet architects. p. 4.
Aranauskas, L. - Comprehensive series of standard designs for buildings devoted to business, communal enterprises, and cultural activities. p. 5.
Kashirskii, A. - What we find on inspecting the open swimming pool and the small sports stadium. p. 10.
Samodaev, E. - The improvement of the quality of construction is a task of importance to the state. p. 15.
Plessein, B., Sherentsis, A. - Results of the competitions for sectional structural elements for apartment houses and public buildings. p. 21.
A new district of Moscow is growing. p. 30.
Brief news. p. 32.

Vol. 5, no. 10, Oct. 1956.
Table of contents translated:
Competition in making standard plans. p. 1.
Gel'freikh, V. - Plan for the reconstruction of Smolensk Square. p. 3.
Birtukov, A. - School of progressive practice. p. 9.
Pisarevskii, G. - Layout plans for apartment houses to be built in the 1st and 2nd climatic zone. p. 10.
In the Executive Committee of the Moscow Soviet. p. 21.
The great sports arena in the Lenin Central Stadium. p. 22.
Large-panel apartment house of a new design. p. 25.
Duzhikin, N., Liberman, A. - Window frame made of lightweight concrete. p. 31.

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Akademiia arkhitektury SSSR, Soiuz sovetskikh arkhitektorov SSSR, and Upravlenie po delam arkhitektury pri Sovete Ministrov RSFSR [Academy of Architecture of the U.S.S.R., of the U.S.S.R. Association of Soviet Architects, and of the Administration of Architecture, Attached to the Council of Ministers of the R.S.F.S.R]. Moscow, no. 10, 1956.
Table of contents translated:
Improve standard plans by every possible means and raise the quality of mass housing construction. p. 1.
Maslennikov, D., Shishkin, I. - Study thoroughly the practice of city building. p. 4.
Druzhinina, T., Babad, G. - Joint planning for building residential blocks. p. 10.
Kisolevich, L., Rabinovich, I. - Organization of communal services in a residential block. p. 15.
Riazanov, V. - Regional planning of rural districts. p. 19.
Lerner, I. - New standard building plans for light industry enterprises. p. 23.
Sokolova, Z. - In cooperation with Czechoslovak architects. p. 27.
Studentsov, P., Prokhorov, S. - Heatproof walls. p. 29.
Kacherovich, A., Khomutov, E. - Acoustic blocks. p. 30.
Bogolepov, V. - Create sports grounds. p. 34.
Voronov, N. - Describe the history of architecture more profoundly. p. 34.
Mozhnagun, S. - In search of new ways. p. 39.
Jankowski, S. - The center of Warsaw. p. 40.
Bylinkin, N. - Architecture of residential and public buildings in Austria. p. 45.
Projects submitted by the architectural institute graduates. p. 50.

No. 11, 1956.
Table of contents translated:
Rubanenko, B. - Results of the all-Union competition for standard plans for apartment houses. p. 1.
Kornfel'd, IA. - Motion-picture theater plans submitted for the competition. p. 17.
Vasil'ev, E. - Improve planning and building of railroad stations. p. 23.
Krugliakov, IU. - Greenery in cities. p. 30.
Piletskii, A. - Economy of planning and organizing public services in workmen's settlements. p. 32.
Livchak, I. - How heating and ventilation systems should work? p. 36.
Kazarinova, V. - Architecture of the St. Dimitrii Cathedral in Vladimir. p. 40.
Smirnov, V. - Complete restoration of the Vydubetskiy architectural reservation in Kiev. p. 43.
Sil'van, I., Solomon, A. - Standard planning of apartment houses and public buildings in the Rumanian People's Republic. p. 45.
Antiasov, M. - Remarks on Mexican architecture. p. 51.
The 5th Congress of the International Union of Architects. p. 57.
Savenkov, R. - The most important thing in planning an apartment house is the creation of communal services. p. 59.
New books. p. 60.

## 11. LANGUAGE, LITERATURE & FOLKLORE

### a) LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Published by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 5, Sep.-Oct. 1956.
Table of contents translated:
Improve foreign-language teaching in the school. p. 3.
World Festival of Youth in Moscow. p. 13.
Moskal'skaia, O.I. - The article in German. p. 17.
Galinskaia, M.M. - Some aspects of grammatical homonymy in modern English. p. 38.
Nelidova, I.A. - New English language textbook for class six. p. 50.
Kantshcheva, E.N., Nikol'skaia, N.V. - Teaching oral language in the secondary school. p. 66.
Savin, N.V. - Programming a course on the methods of teaching foreign languages. p. 70.
Mirolfubov, A.A. - New German language textbook for the fifth grade; survey of teachers' letters. p. 83.
Groisman, A.A. - New ways of teaching how to retell material in one's own words in classes. p. 90.
Rozental', E.IA. - A school's foreign-language chorus. p. 94.
Songs in English. p. 95.
Fomin, P.D. - A mistake in terminology. p. 100.
Goz, N.I. - "Teaching how to translate from German into Russian in class nine of the secondary school" by O.D. Kashchenko. p. 101.
Rottenberg, F.E., Khalifman, E.A. - "The lexicology of modern French" by V.N. Andreeva. p. 103.
Pletkin, V.IA. - "Some methods of teaching foreign languages in school" by V.I. Sirvint. p. 112.
Consultation. p. 114.
Glatman, E.I. - In the Ministry of Education of the R.S.F.S.R. p. 122.
TSesarskii, L.D. - First district contest for the best translation from from English into Russian in the Stalin District of Moscow. p. 125.

VOPROSY IAZYKOZNANIIA [PROBLEMS OF LINGUISTICS]. Issued by Institut iazykoznaniia Akademii nauk SSSR [Institute of Linguistics of the Academy of Sciences of the U. S. S. R.]. Moscow, Vol. 5, no. 5, Sep.-Oct. 1956.
Table of contents translated:
Konrad, N.I. - Paths of the development of Soviet Oriental studies. p. 3.
Budagov, R.A. - Concept of the norm of the French literary language in the 16th and 17th centuries. p. 19.
Solntsev, V.M. - Problem of the parts of speech in Chinese. p. 32.
Shaumian, S.K. - The essence of structural linguistics. p. 38.
Krushel'nitskaia, K.G. - The logical function of parts of the sentence. p. 55.
Doroszewski, W. - Dialectology and the comparative historical method in linguistics. p. 69.
Sanzheev, G.D. - Traces of grammatical gender in the Mongolian languages. p. 73.
Miletskovskaia, G.M. - The relationship of time and tense. p. 75.
Vinogradov, V.V. - Some aspects of the theory of Russian lexicography. p. 80.
Zemskaia, E.A. - Status of work on the fourteen-volume "Dictionary of modern Russian literary language." p. 95.
Kovtunova, I.I. - Discussion of volume four of the "Dictionary of the modern Russian literary language." p. 102.
Kuznetsov, P.S., Liapunov, A.A., Reformatskii, A.A. - Basic problems of machine translating. p. 107.
Kulagina, O.S., Mel'chuk, I.A. - Machine translating from French into Russian. p. 111.
Zhirkov, L.I. - Limits in the application of machine translating. p. 121.
Beloshapkova, V.A. - "Russian literary language grammatical research." p. 125.

Kiparsky, V.R. - "Russian etymological dictionary" [in German] by M. Vasmer. p.130.
Ivanov, Val.Vas. - Some defects in the description and study of Russian dialects. p.139.
Zhirmunskii, V.M. - "Old High German dictionary" [in German]. p.145.
Dunaevskaia, I.M. - "The deciphering of ancient writings and languages" [in German] by J. Friedrich. p.149.
Martem'ianov, IU.S. - "The tense of the indicative verb in modern French" [in French] by H. Sten. p.153.
Tolstoi, N.I. - Meeting of the International Committee of Slavicists in Moscow. p.156.
Preobrazhenskaia, M.N. - Fifth dialectological conference. p.160.
Topic plan for the periodical "Voprosy iazykoznaniia" in 1957. p.162.

b) LITERATURE & FOLKLORE

AKADEMIIA NAUK SSSR. Institut russkoi literatury. Rukopisnyi otdel. Biulleteni [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Russian Literature (Formerly "Pushkin House"). Manuscript Division. Bulletins]. Moscow, no. 6, 1956.
Table of contents translated:
Mogilianskii, A.P. - Manuscripts of I.A. Krylov. p.5.
Danilov, V.V. - Documents about A.S. Pushkin. p.27.
Malyshev, V.I. - Survey of Old Russian manuscripts accessioned by the Manuscript Division of the Institute of Russian Literature (Pushkin House) during 1952-1954. p.99.
Dobrovol'skii, L.M., Malova, M.I. - Survey of historical and literary archival materials from the 18th-20th centuries accessioned by the Manuscript Division of the Institute of Russian Literature (Pushkin House) during 1952-1954. p.103.
Addition to the scholarly description of the "Manuscripts and correspondence of N.P. Ogarev." p.108.
Supplement to the description of the manuscripts of I.A. Krylov. p.109.
Index of personal names. p.111.
Contents of numbers 1-5 of "Biulleteni Rukopisnogo otdela Pushkinskogo doma." p.118.
List of illustrations. p.119.

AL'MANAKH "MOLODAIA GVARDIIA" [THE YOUNG GUARD ALMANAC]. Issued by "Molodaia gvardiia." Moscow, vol. 17, 1956.
Table of contents translated:
Baukov, Ivan. - A comrade's youth; a novel. p.3.
Markova, Ol'ga. - Verka; a story. p.162.
Voronov, Nikolai. - The lapwing; a story. p.180.
Durova, Natal'ia. - Before the first autumn frosts; a story. p.201.
Gorelov, Ivan. - The melon field keeper; a story. p.208.
IAkimov, Gennadii. - Short stories. p.231.
Nikol'skaia, Larisa. - Discovery of the world; verse. p.239.
Semakin, Vladimir. - Good luck; verse. p.245.
Kuniaev, Boris. - The Baltic; verse. p.248.
Kurlat, Iosif. - In a Bucovina village; verse. p.249.
Ozerova, Irina. - Looking at a map; verse. p.250.
Shchipakhina, Liudmila. - In a doorway; verse. p.251.
Chelnokov, Aleksandr. - Hand of my beloved; verse. p.253.
Smol'nikov, Aleksei. - Faithfulness; verse. p.255.
Kuznetsov, Viacheslav. - Stars over the Svir'; verse. p.257.
Zubova, Ekaterina. - The wheel; verse. p.259.
Kritskaia, Irina. - From a notebook of lyric verse. p.260.
Nikolaev, IUrii. - My Sakhalin; verse. p.262.
Golubev, Boris. - Yauza; verse. p.263.
Sergeev, Vladimir. - It happens sometimes; verse. p.264.
Davydov, Sergei. - Don't be like Vasia; verse. p.266.
Rebro, Petr. - Hill 222.2; verse. p.268.
Dzhusuev, Sooronbai. - Ak-buura; verse. p.270.
Metakse. - The North rocked your cradle; verse. p.271.
Marcinkevičius, Justinas. - Mother; verse. p.273.
Passar, Andrei. - A talk with the Amur; verse. p.274.
Miskov, Petr. - Mountain spring; verse. p.275.
IAvukhulan, Begzin. - The birch; verse. p.277.
Magomedov, Musa. - Letter to my daughter; verse. p.279.
Erkemen. - Homecoming; verse. p.281.
Astakhov, Ivan. - Words and images. p.283.
Nechaeva, Tamara. - Birth of a literary hero; review. p.311.
Liubovtsev, Vladimir. - "Spokes in the wheels"; review. p.316.

AZĚRBAĬCHAN [AZERBAIJAN]. Organ of Soiuz sovetskikh pisatelei Azerbaidzhana [Association of Soviet Writers of Azerbaijan]. Baku, no. 12, Dec. 1956. [In Azerbaijani.]

DAL'NIĬ VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soiuza sovetskikh pisatelei SSSR [Khabarovsk Branch of the Association of Soviet Writers of the U.S.S.R.]. Khabarovsk, vol. 24, no. 4, July-Aug. 1956.
Table of contents translated:
Smoliakov, Stepan. - Welcome; verse. p.3.
Shkavro, Leonid. - In the Amur region; verse. p.7.
Vuitsik, Viacheslav. - Spring; a story. p.9.
Kopalygin, Boris. - Slippers and shoes; verse. p.23.
Ivanov, Vs.N. - Svetlanka; a story. p.24.
Kazakova, Rimma. - Two poems. p.30.
Zadornov, Nikolai. - Captain Nevel'skoi; a novel (continuation). p.31.
Emiot, Izrail'. - Lyrics; verse. p.131.
Verse of Vietnamese poets:
To Khyu. - We returned, Spring in the North. p.132.
Le Dat. - To my beloved. p.133.
Gubareva, Natal'ia. - People who think creatively. p.134.
Komarkov, S. - Powerful world system. p.143.
Tomashevskii, V. - Journey into the distant past. p.150.
Ershkovich, I.G. - Founder of the school of Soviet opthalmologists. p.159.
Kuz'michev, I. - A. Fadeev's "The last of the Udege" as a revolutionary epic. p.164.
Zolotusskii, I. - Notes on the craftsmanship of the storyteller. p.171.
New books. p.181.

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 30, no. 10, Oct. 1956. [In Ukrainian.]
Table of contents translated:
Zemliak, Vasyl'. - Kamennyy Brod; a tale. p.3.
Kostenko, Lina. - I grew up in orchards, Cherry blossom is falling off, Road Mountain heights; verse. p.36.
IUrenko, Oles'. - The log cabin, Glowing chintz of autumn, The cloud; verse. p.38.
Hirnyk, Mykola. - Soldiers will understand my feelings, Once again we harvest vegetables; verse. p.40.
Stelsiuk, IAkiv. - Disappointment; a story. p.42.
Rubashov, Mykhailo. - Season of tepid weather; a sketch. p.51.
TSynkovs'kyi, Ivan. - From a new book; verse. p.55.
Kochevs'kyi, Viktor. - Bread, My neighbors' sons and daughters; verse. p.57.
Kuleba, Hryhorii. - Welcome, my dear village on the Dnieper, Evening, The picture; verse. p.59.
Holovko, Andrii. - When boy meets girl; a lyric motion-picture comedy. p.61.
Bilous, Dmytro. - Girl of my dreams, Who are those birds?; verse. p.99.
Shevchuk, Vasyl'. - A learned ass; a fable. p.101.
Kostiuk, IUrii. - Ivan Kocherga, the masterful playwright. p.102.
Herasymenko, Oleksii. - Unfortunate youth. p.107.
Kalenychenko, Nina. - Ivan Franko and Mykhailo Kotsiubins'kyi. p.114.
Makivchuk, Fedir. - A word about our friend, the satirist. p.120.
Kravchenko, IEvhen. - The people's writer. p.124.
New books. p.128.

Vol. 30, no. 11, Nov. 1956. [In Ukrainian]
Table of contents translated:
IAtko, Mykola. - The source of life; a play. p.3.
Kolesnykova, Lidiia. - Where are you, my friend? verse. p.42.
IUkhymovych, Vasyl'. - By the loudspeaker, An ash tree broke to the stump; verse. p.43.
Panch, Petro. - On an October night; a story. p.44.
Shashlo, Tymofii. - Dearer than life; reminiscences of a tankman. p.46.
Palazhchenko, Oleksii. - A beautiful night has fallen, The breeze is holding its breath; verse. p.75.
Marunich, Ol'ha. - How far you are, First stars are rising; verse. p.76.
Karapysh, Boryslav. - The navy collar; a story. p.77.
Kyryliuk, Hryhorii. - Operator Vasyl' Hozhii; a sketh. p.82.
Chabaniys'kyi, Mykhailo. - No, these are the important problems. p.90.
Ostryk, Mykhailo. - Positive heroes of children's books. p.100.
Pavliuk, Mykola. - The translator's art. p.108.
Doloman, IEvmen. - When harmony is lacking. p.116.
Kostenko, Anatolii. - Literary Cherkassy Province. p.119.
Svitlychnyi, Ivan. - Richness of life and monotonous tunes. p.122.
Senkevych, Anatolii. - Without a thorough study of materials. p.125.
Ostap Vyshnia; obituary. p.127.
New books. p.128.

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Published by Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.
Table of contents translated:
Nikolai Fedorovich. - Angara; verse. Translated from the White Russian by K. Altaiskii. p.3.
Donzhashviti, Tina. - On the Alazan'; a novel. Authorized translation from the Georgian by A. [illegible] R. Mikadze. p.6.
Asaev, Revaz. - Heavy clouds of leaden color, I remember, Encounter with a countryman, Sorrow. Translated from the Ossetic by IU. Leskinen, B. Akhmadulina, E. Elisseev. p.73.
Khalil, Zeinal. - Grandfather's precept; verse. Translated from the Azerbaijan by Vl. Lifshitz. p.75.
Stel'makh, Mikhailo. - Rain, Parting, No, [illegible] not walked their full on earth; verse. Translated from the Ukrainian by L. Ozerov. p.77.
Brodele, Anna. - With the heart's blood; a novel (conclusion). Authorized translation from the Latvian by D. Glezer. p.79.
Markish, Peretz. - Winter on route, Listen to the wind, the gloomy howl, Along the road, [illegible] With a good morning, Your tear, The [illegible]. Translated from the Yiddish by A. Gelezinov and others. p.122.
Zennol, Vadim. - Little sister; verse. p.125.
Larin, Boris, Frolov, Victor. - After the [illegible] p.129.
News from the republics; a review of newspapers. p.136.
IAralov, IUrii. - National characteristics of literature. p.144.
Armen, M. - Problems in literary translation. p.152.
Kiselev, Iosif. - Design and subject. p.159.
Bregova, D. - Reading collections of stories. p.[illegible]
Babaev, Gabib. - New work on Dzh. Dzhabarly [in Azerbaijani]. p.177.
IAkir, IA., Khazin, M. - Second meeting [illegible] vian]. p.180.
Thoughts about the homeland. p.182.
Their names will not die. p.182.
The experience of a generation. p.183.
Craftsmanship of a storyteller. p.184.
Based on a strange law. p.185.
"The wide world." p.185.
More about stereotype. p.190.
Heralds of freedom. p.187.
What does happiness consist of. p.187.
New books. p.190.

KIRGIZISTAN [KIRGHIZISTAN]. Organ of Soiuz sovetskikh pisatelei Kirgizii [Association of Soviet Writers of Kirgizia]. Frunze, vol. 17, no. 1(28), Jan.-Feb. 1956.
Table of contents translated:
Malikov, K. - The Party of Communists; verse. p.2.
Umetaliev, T. - I am your son; verse. p.5.
Toktomushev, A. - Great course. p.6.
Malikov, K. - The canalkeeper; verse. p.10.
Sal'nikov, A. - Golden depths; novel (continued). p.11.
Dzhusuev, S. - To a friend; verse. p.37.
Platonova, N. - Firefly; a story. p.38.
Shchegolikhin, I. - Final evening; a story. p.45.
Suflarskii, N. - Embroideress; verse. p.51.
Bortsov, A. - Falcon; verse. p.52.
The burning stone (From "Fairy tales of the [illegible] Issyk-Kul'"); written down by N. Filipovich. p.53.
Chukubaev, A. - Toktogul's connection with the Andizhan uprising; an article. p.56.
Suprun, A. - A word is not simple (from a [illegible] remarks on Central Asian words used by Russian authors); an article. p.65.
Kovskii, E. - Living truth and a sense of measure; an article. p.71.
Borbogulov, M. - The mole writer; a fable. p.75.
Zemliak, IA. - A poet's revelation; verse. p.76.
Third plenum of the Administration of the Union of Kirghiz Writers. p.79.

NA RUBEZHE [AT THE FRONTIER]. Issued by Soiuz sovetskikh pisatelei Karelo-Finskoi SSR [Association of Soviet Writers of the Karelo-Finnish S.S.R.]. Petrozavodsk, vol. 17, no. 5, Sep.-Oct. 1956.
Table of contents translated:
Linevskii, Aleksandr. - The White Sea; a novel. Book two. p.3.
Morozov, Vladimir. - The forester's daughter. Obstacles; verse. p.107.
Ostrovskaia, Nina. - The coward; a story. p.111.
TSigol'nitskii, Igor'. - A year on an ice floe. Notes of an arctic explorer (conclusion). p.114.
Nikonova, IUlila. - In a pine forest. p.139.
Timonen, Antti. - Around Europe; from a tourist's notebook. p.144.
Pavlov, L. - A poet's creative record. p.163.
Turtiainen, Arvo. - Maksim Gorkii and the Finns. p.171.
Afanas'ev, D. - "Every-day life of the North." p.176.
Karkhu, E. - Start of a career. p.179.
Koginov, IU. - Clearer and more interesting! p.182.
Volodarskii, N. - Stories about simple laborers. p.183.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 3, 1956.
Table of contents translated:
Sergeevich, Nikolai. - Beginning; notes of one of the thirty thousand. p.3.
Zhuravlev, Tikhon. - In a suburb; a sketch. p.49.
Lukashevich, Vadim. - Snow in the ravine; a story. p.54.
IUrezanskii, Vladimir. - Two in the forest; a story. p.75.
Markulov, Andrei. - Peaceful days; a story. p.97.
Levushkin, Anatolii. - Moshchora; verse. 94.
Orlov, Vladimir. - Atomic Russia; impressions (conclusion). p.96.
Friendship of the sciences and its violations: Avakian, A.A. - The opponent's reply. p.130.

Discussion in the editorial board; speeches by O.N. Pisarzhevskii and others. p.141.
Vinnichenko, Ivan. - Searching, ever searching. p.183.
Medvedev, V.S. - Through the land of the Soviets with Gor'kii. p.201.
Dikovskii, Sergei. - Our sketch as a genre. p.216.
Shaposhnikova, Vera. - Through the eyes of a tourist; from a trip to Holland. p.230.
Chistov, Aleksandr. - Far Eastern encounters. p.235.
Borzenko, Sergei. - Story of the electric tractor. p.240.
Makarov, K.I. - Automobile on the road. p.253.

NEVA. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Leningrad, no. 9, Sep. 1956.
Table of contents translated:
Let us train a worthy generation:
Afanasenko, E. - New tasks. p.3.
Maslova, E. - The strongest weapon in life. p.5.
Filippov, A. - Welcome to our workshops. p.7.
Romanova, A. - In a large family. p.8.
Izvekov, V. - Entrance into life. p.10.
Nikol'skii, B. - Develop a feeling for beauty. p.11.
Panova, V. - In old Moscow; scenes. p.13.
Skvortsova, V. - Lyric verse. p.52.
Virta, N. - Krutye Gory; pictures of rural life (continuation). p.55.
Trifonov, G. - Three poems. p.137.
Fomenko, V. - Fifty rubles; a story. p.138.
Ganzatov, R. - My birthday; verse. p.141.
Aleksandrov, N. - In Petersburg. p.143.
Mozhevitinov, A. - Chain of powerful hydroelectric power stations. p.153.
Samoilov, F. - Countrymen. p.157.
Solov'ev, L. - An art which ornaments life. p.163.
Shepeleva, Z. - Writer and illustrator. p.166.
Popova, N. - Exhibition of French books and graphic art in Leningrad. p.170.
Al'medingen, B. - Outstanding master of stage painting. p.172.
Pavlovskii, A. - Birth of laughter. p.176.
Gor, G. - The real hero of science fiction. p.181.
Meilakh, B. - Two solutions of one theme. p.184.
Luzhanin, Maksim. - IAkub Kolas. p.189.
Dudin, M. - Biography of a contemporary in poetry. p.192.
Druzina, M. - Alongside but not together. p.193.
Avramenko, I. - The face of the poet. p.194.
D'iakonova, N. - A useful book. p.195.
Fridland, L. - Country doctor. p.196.
Ardov, V. - Kosiakov widens his horizon; a story. p.197.
Neva gallery:
Tolmachev, D. - "Knight at the crossroads," "The chief director pauses." Drawings by I.Igin. p.199.
Zalutskii, A. - Formalist. p.199.
Zubkhin, V. - The lecture. p.199.
Parfenov, V. - The snipe. p.199.
Ivanov, V. - Strong shoe soles. p.200.
Survey of humor magazines in the people's democracies. p.201.
Tomashevskii, B. - Pushkin's autographs. p.202.
Mamedov, M. - Automatic lighthouse. p.203.
Nakamura, T. - Country of my dreams. p.203.
Edovina, M. - From David to Cezanne. p.204.
Gorskii, I. - Coal map. p.204.
Kazanskaia, E., Savkov, V. - Reconstruction of the Great Palace. p.205.
Mellitauri, K. - Cave city. p.206.
Korobochkin, I. - Instrument that measures work. p.206.
Fishermen ensemble visits "Neva." p.207.
Snapshots by amateur photographers. p.207.

No. 10, Oct. 1956.
Table of contents translated:
Ryl'skyi, M. - From the cycle "Roses and grapes": Air route, Venus de Milo, Flowery meadow, In the Kremlin, Seagulls over the Kremlin, Statue of Saturn in the Summer Garden, To the fatherland; verse. p.5.
Virta, N. - Krutye Gory; picture of rural life (continuation). p.9.
Gribachev, N. - The bronze trinket; a story. p.121.
Agashina, M. - IUrka, The actress; verse. p.126.
Alennik, E. - Little portraits. p.129.
Liverovskii, A. - The people of Novgorod are laughing. p.133.
Bukin, N. - From a front line notebook. p.134.
Sakharnov, S. - Sea stories. p.136.
Reimers, N. - Cedar nuts. p.137.
Chinese tales; translated by IU.Osipov. Literary treatment by Z. Zadunaiskaia. p.138.
Aleksandrov, N. - In Petersburg. p.141.
Druzhkov, A. - Made in Russia. p.147.
Andreev, G. - Kislovodsk today. p.151.
IUdovich, I. - Kurshev. p.154.
Tikhomirov, B.A. - Visiting Danish scientists. p.159.
Chernov, A. - To dispute about taste educates taste. p.167.
Boikov, V. - Memorials and their fate. p.171
El'iashevich, A. - Character and environment. p.175.
Nosov, N. - How to write a comedy. p.181.
Braun, N. - In the best tradition. p.193.
Zyrin, A. - About those who subjugate the wilderness. p.194.
Min, E. - Merry pages. p.194.
Karpovich, M. - Literature of their native region. p.195.
Our young friend "Koster." p.196.
Gudor, B. - It is difficult to write satire; from the diary of a beginning humorist. p.197.
Ivanov, V. - Favorite horse. p.199.
Enlis, I. - "Well-wisher." p.199.
Ivanov, V. - Loafers. p.199.
Neva gallery: Svetlov, M. - Ol'ga Berggol'ts. Drawing by I.Igin. p.200.
A survey of humor magazines of the people's democracies. p.201.
Sokhor, A. - Stasov and the revolutionary song. p.202.
Moshkov, B. - Under the rays of electrical suns. p.203.
Ashastin, P. - On Lenin Square. p.203.
Krutetskaia, L., Erastov, D. - Conservation of books and documents for long periods. p.204.
Shevchenko, V. - "Sun and Kung." p.205.
Kuvshinov, N. - Watches for the blind. p.206.
Greek guests of "Neva." p.206.
Blagodatov, G. - Russian horn orchestra. p.207.

NOVYI ZHURNAL. THE NEW REVIEW. New York, vol. 15, no. 47, 1956.

OKTIABR' [OCTOBER]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 33, no. 10, Oct. 1956.
Table of contents translated:
IUfit, M. - On an assignment; a story. p.3.
Evtushenko, Evg. - Zima Station; a narrative poem. p.26.
Rudskaia, Zinaida. - Together with us; a tale (conclusion). p.48.
Bokov, Viktor. - Salt, Inspiration, Foul weather; verse. p.109.
Vinokurov, E. - Women, If in the field..., My beloved washed; verse. p.112.
Kheinman, S. - Myth and reality. p.114.
Zelenskaia, L. - Efficient man. p.124.
Liu Pin-yen. - Spring wind; translated from the Chinese by Ag. Gatov. p.133.
Tess, Tat'iana. - Encounters en route. p.150.
Laxness, Halldór. - Literature and peace; translated by V. Morozova. p.160.
Mann, IU. - The biographical genre. p.164.
Pankov, V. - Creative seeking. p.172.
Melchin, V. - Great life. p.176.
Germanetto, Giovanni. - Through the eyes of an artist. p.180.
Fokht, U. - A book about Pushkin's craftsmanship. p.183.
Nazarian, P. - Lexical borrowings and purity of language. p.186.

OPYTY. EXPERIMENTS. Published by M.E.TSetlin. New York, vol. 4, no. 7, 1956.

POLYMIA [FLAME]. Organ of Soiuz sovetskikh pis'mennikau BSSR [Association of Soviet Writers of the White Russian S.S.R.]. Minsk, vol. 34, no. 10, Oct. 1956. [In White Russian.]
Table of contents translated:
Vialiuhin, Anatol'. - Evening, The spruce, Song about campfires, Forest lake, Hope, On the Charnechaya Mountain, The sea and the skies, Limpid "Indian summer"; verse. p.3.
Brouka, Piatrus'. - When rivers converge; a novel (conclusion). p.7.
Zvonak, Ales'. - I saw you in my dreams, Chyrvonae Urochyshcha, You are grown in my memory; verse. p.88.
Hauruk, IUrka. - I love my motherland; verse. p.91.
Pushcha, IAzep. - To Adam Mickiewicz; verse. p.91.
Khvedarovich, Mikola. - Friendship, The white moon lights the skies, At the dock; verse. p.92.
Charnyshevich, Arkadz'. - Life's little nothings; a story told by an old teacher. p.94.
Kavaliou, Pavel. - Bad weather; a story. p.105.
Melezh, Ivan. - Around Europe; pages from a notebook. p.117.
Kuliashou, F. - People in M. Lyn'kou's novel "Unforgettable days." p.135.
Karaban, S. - At the sources of White Russian democratic literary criticism. p.143.
Siutsou, I. - Stories about our contemporaries. p.153.
Taras, V. - Friendly conversation. p.156.
Brief news. p.159.

PRIZYV [THE APPEAL]. Organ of Damskii blagotvoritel'nyi komitet [Ladies Committee for Charity]. New York, no. 77, Dec. 1956.

SHARK IULDUZI [STAR OF THE EAST]. Organ of Association of Soviet Writers of Uzbekistan. Tashkent, vol. 24, nos. 10-11, Oct.-Nov. 1956. [In Uzbek.]

SHARKI SURKH [THE RED EAST]. Organ of Association of Soviet Writers of Tajikistan. Stalinabad, no. 10, Oct. 1956. [In Tajik.]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza sovetskikh pisatelei [Novosibirsk Branch of the Soviet Writers' Association]. Novosibirsk, vol. 35, no. 4, July-Aug. 1956.
Table of contents translated:
Koptelov, A. - Welcome! p.3.
Ivanov, Leonid. - Siberian encounters; a sketch. p.6.
Mukhachev, Il'ia. - Lyrical strophes; verse. p.82.
Zuev, Mikhail. - Lyubyan' Station; a story. p.83.
Perevalov, Nikolai. - The clown; a narrative poem. p.110.
Dul'kina, A. - Dancing costume; a story. p.121.
News from new construction projects:
Sibirtsev, I. - Birth of a giant. p.129.
Krein, E. - On the Angara River. p.133.
Chikin, L. - Town in the steppe. p.135.
Faibushevich, A. - Our happiness; from a teacher's notes. p.130.
Kuimov, D. - Visiting Academician I.P. Pavlov. p.150.
Ivanov, S.V., Sergeev, M.A. - Fine arts of the peoples of Siberia. p.155.
Smerdov, A. - Native land of a poet; Il'ia Mukhachev's works. p.169.
Sal'nikov, IUrii. - N. Osinin's stories. p.180.
Shcheglov, S. - Stern people of the Yenisey. p.182.
Frolov, I. - Good books for children! p.183.
Kanaev, N. - Necessary book. p.185.
Fedorov, E. - "Altai stonecutters." p.187.
Gol'dberg, I. - Book about an old Bolshevik. p.188.
Tagorov, Z. - "Decembrists in Yakut exile." p.189.
Nazarenko, M. - "The beginning of a life." p.190.
New books. p.192.

SOVETSKAIA OTCHIZNA [SOVIET FATHERLAND]. Organ of Soiuz sovetskikh pisatelei BSSR [Association of Soviet Writers of the White Russian S.S.R.]. Minsk, no. 5, Sep.-Oct. 1956.
Table of contents translated:
In memory of IAkub Kolas. p.3.
Mironov, Aleksandr. - Hello to the sea; a novel (to be concluded). p.5.
Dergai, Sergei. - The Tsimlyansk Sea, Joy, Evening, Eyes, The nightingale, On the curved seashore; verse. Translated from the White Russian by Nikolai Gorulev. p.83.
Novokshenov, Nikolai. - Agriculturists, Messengers of spring, The glowing sunset; verse. p.90.
Sudas, A. - Brazil; verse. p.92.
Shutenko, Gavriil. - The artillerist, The sunray; verse. p.93.
Ustinov, Boris. - Hot profession. p.94.
Radus-Zen'kovich, V.A. - Encounters with V.I.Lenin. p.104.
Messer, R. - Paths of the development of the historical White Russian novel. p.109.
Kuleshov, F. - About exactingness. p.125.
Shablinskii, P. - Shortcomings of a needed play. p.137.

SOVETSKAIA PECHAT' [SOVIET PRESS]. Issued by gazeta [newspaper] "Pravda." Moscow, no. 10, Oct. 1956.
Table of contents translated:
Editorial: Covering problems of technological progress in newspapers. p.1.
Newspapers and periodicals for the masses. p.4.
More paper! p.4.
Political education of journalists. p.5.
Gerasimov, B. - Subject and author. p.7.
Sharovskii, V., Prigozhin, IU. - More courage. p.10.
A review of newspapers. p.13.
Sukhorukov, IA. - This is why the newspaper is dull. p.18.
Sulchmozov, A. - Councils of active workers in editorial sections of newspapers. p.20.
Nemira, K., Shimanskii, I. - A successful edition is the pride of the editorial staff. p.22.
Aleksandrova, V. - No coddling for supressors of criticism. p.26.
Chernichenko, A. - "Brief meeting" as it was. p.28.
Let us continue our discussion about satire: Prilluk, Dm. - Let us study! p.30.
Magrachev, L. - "They drive nails with a hammer." p.33.
Books written by journalists. p.36.
Literature for newspapermen. p.37.
Sagal, G. - Matrixes were delivered by plane. p.38.
Gidaspov, V. - "Sundara variayan" (Comrade journalist). p.40.
Maevskii, V. - Encounter with Japanese journalists. p.42.
Rassadin, G. - Ten days in Sweden. p.44.
Chichkov, V. - "Crime" and punishment. p.46.
Nosov, F. - The press in Australia. p.47.
Letters to the editor. p.54.
Correspondence with the readers. p.57.
Kostiukov, I. - Correspondence-school students. p.58.
Anan'in, S. - Literary culprit; a satirical sketch. p.60.
Brief news. p.62.

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Soiuz sovetskikh pisatelei Ukrainy [Union of Soviet Writers of the Ukraine]. Kiev, vol. 6, no. 9, Sep. 1956.
Table of contents translated:
Skazbush Nikolai. - Big money; a tale. p.5.
Word of young people:
Lapshin, I. - The Dnieper; verse. p.44.
Bulovetskii, D. - The song of wire; verse. p.44.
Durasova, N. - Reminiscence; verse. p.45.
Fel'chagov, A. - Waiting; verse. p.45.
Suslov, Vladimir. - I am in a familiar street again, Why am I walking in the fields alone? Friends; verse. p.46.
Kulishov, Vsevolod. - The birch; verse. p.47.
Belenko, Vsevolod. - We will work at the Kremenchug Hydroelectric Power Station; verse. p.47.
Krivtsov, Vladimir. - Bright nights; a tale. p.49.
Suponitskii, S. - Coming home from evening school, Winter at Yalta, On the road, The artist, Inscription on the wall; verse. p.105.
Evdokimov, Nikolai. - Manufacture of asphalt; verse. p.108.
Severov, Petr. - Rats; a story. p.109.

Manzhura, Ivan. - I don't expect to be praised, Reminiscence, Children, I had a vivid dream last night, During spring, On New Year's eve; verse. p. 121.
Samilenko, V. - The poet's misfortune, Ungrateful horse, God's example; verse. p. 122.
Pressing problems; letters on school instruction and training of young people. p. 124.
Shchipko, L. - Restless people. p. 137.
Bol'shak, Vasilii. - At Korpilovka, a village in Polesye. p. 145.
Zbanatskii, IUrii. - Welcome, Suomi; a traveler's notes. p. 151.
Vartanov, Grigorii. - Immortal legacy. p. 167.
Hlavaček, František. - Why did I propagandize Ivan Franko's works? p. 173.
Survey of books and magazines:
Levandovskii, L. - New novel by E. Popovkin. p. 176.
Gurliadi, M. - "Selected works" by Uliana Kravchenko. p. 177.
Okhrymenko, O. - Shevchenko's works in Bulgarian translation. p. 179.
Sanov, L. - Story about a girl from the suburbs. p. 180.
Dzhedzhula, K. - Book about France. p. 182.
Chuntulov, V. - Important task for the building of Communism. p. 184.
Notes. p. 187.

Vol. 6, no. 10, Oct. 1956.
Table of contents translated:
Glotov, Vasilii. - Kulunda; verse. p. 5.
Kaliaev, Grigorii. - Discovery; a tale. p. 7.
Gorodskoi, IAkov. - The road to Kotor, Vyaz'ma, The Morava; verse. p. 72.
Orlov, Boris. - The driver, My mother's hands; verse. p. 75.
Danilov, Semen. - Two verses. p. 77.
Bozhatkin, Mikhail. - Birth of a team; a story. p. 78.
Mashkov, Aleksei. - The rain; verse. p. 93.
Miastkovskii, Andrei. - Verse. p. 94.
Khalemskii, N. - The break; a story. p. 96.
IAmpol'skii, Boris. - Thinking about the things I have seen; notes on the All-Union Industrial Exhibition. p. 106.
Bugaenko, N. - Business and the people; notes of a party worker. p. 117.
Ionov, Aleksei. - Let us protect the Donets Basin rivers. p. 135.
Beletskii, Platon. - Great son of Japan; on the 450th anniversary of the painter Sesshu's death. p. 141.
Khinkulov, Leonid. - As though alive with the living; on the new collected edition of Ivan Franko's works. p. 145.
Skorobogatov, Vl. - Progressive experiences are our riches; in lieu of a review. p. 150.
Balakirev, O. - Powerful weapon. p. 166.
Utevskaia, Paola. - A friend of the young people; on the 15th anniversary of Mykola Trublaini's death. p. 170.
In memory of Ostap Vyshnia. p. 174.
Survey of books and magazines:
Vartanov, Grigorii. - Word of a young critic. p. 175.
Moiseev, K. - Turning the best side of the face to readers. p. 177.
Russes, Tat'iana. - New verse for children. p. 179.
Malinovskii, Nikolai. - The raid; a story. p. 181.
Zolotarevskii, I. - White crow; verse. p. 183.
Kostovetskii, A. - "The innovator"; verse. p. 184.
Notes. p. 185.

SOVETSKII KAZAKHSTAN [SOVIET KAZAKHSTAN]. Organ of Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, vol. 22, no. 8, Aug. 1956.
Table of contents translated:
Morgun, F. - Joyous harvest toil; verse. p. 3.
Ivanov, Vs. - We are going to India; a novel (to be continued). p. 5.
Zverev, N. - Dawn over the Irtysh. p. 100.
Kitanitsa, A. - Writer with a sound revolutionary gift; on I. P. Shikhov's 50th birthday. p. 109.
Balaka, I. - Ivan Franko's struggle for friendship and unity among peoples. p. 114.
Varshavskii, L. - Reverberations of the Decembrist movement in Kazakhstan. p. 118.
Pichugin, N. - Petrushka; a story. p. 122.
Titov, N. - Parodies; verse. p. 124.
Brief news of literature and art. p. 125.
New books. p. 128.

ZNAMIA [THE BANNER]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 26, no. 10, Oct. 1956.
Table of contents translated:
Berce, Vizbulis. - We all came from the people; a novel (to be continued). Authorized translation from the Latvian by S. Markova. p. 3.
Levitanskii, IUrii. - In memory of a contemporary, Anxiety, Road to Baikal; verse. p. 63.
Nagibin, IUrii. - The newlywed; a story. p. 66.
Pujmanova, Marie. - Wandering ship, Lindens came to Moscow; verse. Translated from the Czech by V. Iiber. p. 75.
Montella, Carlo. - A Sunday outing; a story. Translated from the Italian by E. Solonovich. p. 77.
Zverev, Il'ia. - Roads into the depths. p. 89.
Facts and figures. p. 116.
Giller, V. - In the name of life; from the notes of an army doctor (to be continued). p. 122.
Ozerov, V. - Living threads of the times. p. 160.
Starikova, E. - In search of the new. p. 170.
Borshchagovskii, A. - The victory of character. p. 178.
Grinberg, I. - Youth of the storyteller. p. 183.
Sokolova, Nat. - Three comments on one theme. p. 186.
L'vov, Sergei. - Man in a retort. p. 189.

Vol. 26, no. 11, Nov. 1956.
Table of contents translated:
Nilin, Pavel. - Cruelty; a tale. p. 3.
Rakhmanin, Boris. - The battlefield; verse. p. 62.
Saryg-ool, Stepan. - In my Moscow; verse. Authorized translation from the Tuvinian by E. Starinina. p. 63.
Berce, Vizbulis. - We all came from the people; a novel (continuation). Authorized translation from the Latvian by S. Markova. p. 64.
Maiorov, Nikolai. - Memorial; a verse cycle. p. 127.
Mal'kov, P. - In October days. p. 132.
Giller, V. - In the name of life; from the notes of an army doctor (conclusion). p. 147.
Svetov, F. - People of the great revolution. p. 177.
Ziv, Ol'ga - In those far-off years. p. 184.
Mann, IU. - Books about artists of the revolution should be written for young readers. p. 189.
Levin, L. - A review of the "Sovetskoe Primor'ye" almanac. p. 193.
A pattern with incrustations. p. 202.
New books. p. 205.

ZVEZDA [THE STAR]. Organ of Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Leningrad, no. 11, Nov. 1956.
Table of contents translated:
Pomozov, IUrii. - My Polesye; a tale. p. 3.
Rylenkov, N. - New poems. p. 65.
Bokov, Viktor. - Rye, The sunset like a bee burrowed into the red clover, The Troshkins have finished building; verse. p. 89.
Kutov, Nikolai. - Features of my native land; verse. p. 92.
Munteanu, Frantisc. - A man came; a tale. Translated from the Rumanian by N. Snetkova, I. Fikhman. p. 94.
Bonch-Bruevich, M. D. - All power to the Soviets; end of part 1. As told to Il'ia Kremlev. p. 123.
Bytovoi, Sem. - From a distant journey. p. 144.
Vechtamova, Elena. - The face of a friend. p. 152.
Min, Evg. - Craftsmanship and a profession. p. 162.
Vipper, IU., Samarin, R. - How reviews are sometimes written. p. 171.
Klimenko, E., and others. - More about the modernization of the past. p. 178.
Galanov, B. - Rank and file of the revolution. p. 185.
Vladimirov, S. - "The most dear." p. 188.
Mournful notes. p. 190.

## 12. GEOGRAPHY & GEOLOGY

### a) ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Ethnography. Brief Reports]. Moscow, no. 25, 1956.
Table of contents translated:
Vorob'ev, N.I. - History of rural dwellings among the peoples of the middle Volga Valley. p. 3.
Abramzon, S.M. - Preliminary summary of the ethnographic field research in the Kirghiz S.S.R. in 1954. p. 19.
Shibaeva, IU.A. - Materials on the clothing of the Kirghiz of the Murgab Valley. p. 26.
Gurvich, I.S. - The Event ("Tiugiastry"). p. 42.
Nikolaev, S.I. - Where did the Toksoma Yakuts of the 17th century live? p. 56.
Debets, G.F. - An ancient skull from Yakutia. p. 60.
Panova, N.N., Rygdylon, E.R. - The so-called Irtysh man. p. 64.
Markova, L.V. - The Bulgarian rural community in the 19th century. p. 71.
Lashuk, L.P. - Ethnic history of the Pechora region. p. 82.
Index of articles published in numbers 1-25 of "Kratkie soobshcheniia" of the Institute of Ethnography of the Academy of Sciences of the U.S.S.R.:
Alphabetical index. p. 92.
Systematic key to the alphabetical index. p. 101.

### b) GEOGRAPHY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geograficheskaia [ACADEMY PF SCIENCES OF THE U.S.S.R. Bulletin. Geographical Series]. Moscow, no. 3, May-June 1956.
Table of contents translated:
Sidorenko, A.V. - Eolian differentiation of matter in the desert. p. 3.
Budagovskii, A.I. - Main regularities of evaporation in the steppe zone. p. 23.
Kirikov, S.V. - Variability of c
ical characteristics of their
Omarovskii, A.G. - Some char
tion of the machine-building
p. 40.
Gokhman, V.M. - Geography of
of the U.S.A. and Canada. p.
Rikhter, V.G. - The nature of
ments of Krasnovodsk Peninsu
Pronicheva, M.V. - Geomorpho
most recent movements in the
kamenka uplift. p. 68.
Konstantinova, G.S. - Developm
of tundra microrelief. p. 71.
Pshenichnyi, A.IA. - Statistical
atmospheric circulation in the
p. 77.
Tolstov, A.N., Shvetsov, P.F.
cal and geomorphological exam
covery site of the neolithic ma
channel of the Indigirka River.
Amurskii, G.I., Drenov, N.V.
graphic net in the Bakhta River
western region of Central Sibe
Lebedev, D.M. - Manuscript indu
1778. p. 96.
Preobrazhenskii, V.S. - Physico
of the Donets Ridge into a natu
IAtsunskii, V.K. - The place of h
cal analysis in the study of reg
based on economic geography.
Dvoskin, B.IA. - Division of regio
districts. p. 116.
Gerasimov, I.P. - Participation o
in the international geographic
p. 124.
Salishchev, K.A. - The state of ca
p. 131.
Riabchikov, A.M. - Advanced geog
in India. p. 134.
Sliaev, E.D. - Geographical scienc
Vedishchev, A.I. - "Transportation
tion of industry" by E.D. Khanuk
Kushev, S.L., and others. - "Prob
ography of Kazakhstan," no. 1, 1
Konstantinov, O.A. - "A service cit
American cities" by H.J. Nelson.
Mironova, E.A., Setunskaia, L.E.
mental conference on combating
Fridland, V.M. - All-Union confer
entists. p. 156.
Syroechkovskii, E.E. - Zoogeograp
All-Union Ornithological Confere

No. 5, Sep-Oct. 1956.
Table of contents trans
Academician Otto IUl'evich Shmidt;
Murzaev, E.M. - Vladimir Afanas'
p. 4.
Ionin, A.S, Kaplin, P.A. - Forma
tics of seashore terraces. p. 9.
Likhanov, B.N. - Division of Tuva
vince into physical geographical r
Maslov, E.P. - Development of proc
of the Northern Caucasus during t
year plan. p. 35.
Blazhek, Miroslav. - Changes in the
raphy of Czechoslovakia. p. 46.
Maergoiz, I.M., Saushkin, IU.G. -
vich Baranskii; on the occasion of
p. 56.
Dunin-Barkovskii, L.V. - Water bala
gated region. p. 61.
Liakhov, M.E. - Fluctuations of the
temperature during the 19th and 20t
the eastern European sector of the
sphere. p. 74.
Leont'ev, O.K. - A special genetic ty
mud flats caused by eolian tides. p.
Dmitriev, N.I. - Age of the sixth terr
middle Dnieper. p. 91.
Itskanov, S.R. - Traces of an ancient
network in the middle Yenisey Basi
Gravo, M.K. - Origin of eolian sands
piedmont of Kopet-Dag. p. 97.
Spiridonov, A.I. - Geomorphological n
People's Republic of Poland. p. 101.
Purin, V.R. - Toponymics and transcr
graphical names of the Latvian S.S.
Mozeson, D.L. - Using the quantitative
studying small relief forms. p. 116.
Kamanin, L.G., Alampiev, M.P. - "St
nature and agriculture of the Ukraini
p. 126.
Bulanovskii, M.S. - "Industry and tran
western Kazakhstan." p. 131.
Rikhter, G.D. - "'Izvestiia' of the Kom
the Geographic Society of the U.S.S.
no. 1, 1951; vol. 1, no. 2, 1954; vol. 1,
p. 133.
Ioganson, V.E. - Evgenii Varfolomeevi
on the occasion of his 75th birthday.
N.N. - Discussion of S.V. Kaleshik's bo
ciples of physical geography" in the
of the Geographic Society of the U.S.
Z.P. - Division of the North and East of
into physical geographical regions. p.
Dzens-Litovskii, A.I. - The Tenth All-U
chemical Conference. p. 130.
Krzhizhanovskii, G.M., and others. - S
movich Mansserian; obituary. p. 143.

AKADEMIIA NAUK SSSR. Morskoi gidrofizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Marine Hydrophysical Institute. Transactions]. Moscow, vol. 9, 1956.
Title translated:
Shuleikin, V. V. - The theory of ocean waves. 141 p.
Title transliterated: Shuleikin, V. V. - Teoriia morskikh voln. 141 p.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, Vol. 19, no. 5, Sep.-Oct. 1956.
Table of contents translated:
Saushkin, IU.G. - Statistical data in economic geography courses. p.1.
Konstantinov, O.A. - Cities and urban population of the U.S.S.R. at the beginning of the sixth five-year plan. p.5.
Shcherbakov, IU.A. - Reclamation of Meshchera. p.14.
George, Pierre. - Cities of France. p.21.
Panchoshnikova, L. - Geography in schools of England. p.28.
Osipova, A.V. - Using fiction in seventh class geography lessons. p.33.
Pavlenko, I.A. - Studying soils of one's own region. p.39.
Mislavskii, N.P. - Independent work in geography in higher classes. p.49.
Krasnikov, M.F. - Work practice with relief maps. p.52.
Kovalenko, V.T. - Instruments for field sketching. p.54.
Badun, A.S. - Barometric leveling. p.55.
Vasil'ev, A.V. - Excursion to stockbreeding farms. p.57.
Schastnev, P.N., Cherniakov, Z.E. - What is the area of Asia? p.62.
Geographical news from the Soviet Union. p.65.
Geographical news from abroad. p.67.
Bibliography. p.71.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS"EMKI I KARTOGRAFII. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. No.109, 1956.
Title translated:
Book of cartographic type. 192 p.
Title transliterated: Al'bom kartograficheskikh shriftov. 192 p.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.
Contents:
[Abstracts] Referaty 20140-22358. 311 p.

VOKRUG SVETA [AROUND THE WORLD]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 10, Oct. 1956.
Table of contents translated:
Korotcev, N. - True story about Yakutian diamonds (to be continued). p.1.
Andersson, O. - Summer of Swedish youth. p.7.
Kiuzadzhian, L. - Jeweller with scissors. pp.2 of cover, 6.
Goncharov, V. - In memory of a geographer. p.9.
Maksimovich, N. - "Buy something." p.12.
Plonskii, D. - "Krakow wasn't build in a day." p.14.
Ilua, Pal. - Caravan without bells; a tale. p.17.
Skvirskii, N. - Giant of Siberian rivers. p.21.
Antarctic diary. p.22.
Popov, A. - Liechtenstein. p.23.
Zweig, Stefan. - Amerigo (conclusion). p.25.
Gorokhov, A. - Dinaric Karst. p.32.
Romantsev, E. - Down the Umba River. p.33.
Ganzelka, I., Zikmund, M. - In the Middle Chaco. p.34.
Golubev, Gleb. - The gold medal of Atlantis (to be continued). p.37.
Ivanova, O. - Enchanted wanderer. p.45.
Indian legends about flowers. p.47.
Zvorev, M., Pobedonostsev, G. - Pathfinder from Bet-Pak-Dala (to be continued). p.49.
Arshinov, N. - Stone mushrooms. p.53.
Marek, Irt. - Country on the equator (to be continued). p.54.
Fairy chimneys. Inhabitant of rain puddles. Matai, the horse hoof. p.58.
Komarovskii, B. - Knowledge and love. p.59.
Small incidents. p.61.
Mirnyi, S. - Geographic challenge. p.62.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY]. Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U.S.S.R.]. Moscow, no. 39, 1956.
Fiziko-geograficheskoe raionirovanie [Division into physical geographical regions].
Table of contents translated:
Zabirov, R.D. - Ivan Semenovich Shchukin. p.3.
Mikhailov, N.I. - Division into physical geographical regional types. p.6.
Rodoman, B.B. - Methods of division into individual regions and regional types and their representation on maps. p.28.
Lidov, V.P., Setunskaia, L.E. - Cartographic research method and problems of division into fractional physical geographical regions. p.70.
Mil'kov, F.N. - Some discussion problems of landscape geography. p.80.
Gedymin, A.V., Zvorykin, K.V., Simonov, IU.G. - Socialist organization of a territory and tasks of geography. p.90.
Nikolaev, N.I. - Outline history of the relief of the U.S.S.R. and its division into geomorphological regions. p.103.
Gvozdetskii, N.A., Fedina, A.E. - Division of the Caucasus into physical geographical regions. p.130.
Makeev, P.S. - Division of Central Asia into physical geographical regions. p.151.
Belosel'skaia, G.A. - Division of Muyun-Kum into physical geographical regions. p.168.
Efremov, IU.K. - Division of Sakhalin into physical geographical regions. p.179.
Prokaev, V.I. - Division of the eastern sector of the Samara Bend into large-scale landscape regions. p.185.
N.M. - "Studies in the geochemistry of a landscape" by A.I.Perel'man. p.198.
Zhuchkova, V.K. - "Natural characteristics of Tambov Province" p.199.
Discussion of A.G.Isachenko's book "The principal problems of physical geography" in the Moscow Branch of the Geographic Society of the U.S.S.R. p. 201.
Twenty-fifth anniversary of V.K.Arsen'ev's death. p.205.

c) GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Moscow, vol. 21, no. 8, Aug. 1956.
Table of contents translated:
Belousov, V.V. - Main tectonic features of central and southern China. p.3.
Strakhov, N.M. - Types of sedimentary process and sedimentary rock formations. Article 2. p.29.
Bushinskii, G.I. - A.D. Arkhangel'skii's work in lithology. p.61.
Starostina, Z.M. - Structure of the southeastern area of the Vilyuysk Basin. p.70.
Poliakova, O.P. - Origin and description of banded ores of the Kadainskoye deposits. p.78.
Lebedev, V.I. - More on the possibility of solar energy absorption by crystalline matter of the earth. p.91.
Amiraslanov, A.A. - Soviet scientists at the 20th Conference of the International Geological Congress in Mexico. p.101.
Kozerenko, V.N. - Some basic problems of the geological structure of eastern Transbaikalia. p.107.
Korel', V.G. - Iron ore formation and genetic types of intrusions. p.112.
Teodorovich, G.I. - Concerning N.A.Kudriavtsev's article "Trends in the research on the origin of petroleum." p.115.
Literature on geology and related disciplines acquired by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during May, 1956. p.120.
Ivensen, IU.P. - Eighth scientific session of the Yakut Branch of the Academy of Sciences of the U.S.S.R. p.127.

Vol. 21, no. 9, Sep. 1956.
Table of contents translated:
Tugarinov, A.I. - Epochs of mineral formation in the Pre-Cambrian. p.3.
Ivankin, P.F., Mitriaeva, N.M. - Process of the development of copper and lead-zinc mineralization in the Nikolnyevskoye deposits in the Altai. p.27.
Komarov, A.G. - Age of the gabbro-peridotite formation in the Urals. p.44.
Khodak, IU.A. - Effect of post-Jurassic alkali intrusions on the change in Cambrian dolomites of the Aldan region of the Yakut A.S.S.R. p.51.
Kadenskii, A.A. - Conditions of metamorphism and ultrametamorphism in Archean rocks of the Aldan shield. p.66.
Gratzer, M.I. - Some geomorphological characteristics of the southern wing of the Moscow Basin. p.74.
Murav'ev, V.I. - Lithological characteristics of the upper continental stratum of the central and western portions of the Vilyuy Basin. p.84.
Distanov, U.G. - Regularities of the occurrence of mineralogical associations in upper Permian variegated deposits of the central sector of the Ural-Volga region. p.98.
Zhukov, G.V. - New data on the stratigraphy of the iron ore series of the western Azov region. p.101.
Smirnov, G.A., Bezhaev, M.M. - Study of the lithology of green sand and schist strata in the western slope of the central Urals. p.105.
Ryzhkov, O.A., Khalmatov, A.Kh. - Some data on the Paleozoic diagonal flat arch of Fergana. p.108.
Liakhovich, V.V. - Concerning the article of P.E. Offman and A.S. Novikova "Ering's volcanic pipe." p.110.
Isaenko, M.P., IUshko, S.A. - Review of the book "Atlas of ore structures and textures" by S.I. Taidykin and others. p.115.
Literature on geology and related disciplines entered in the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during June, 1956. p.117.
Saukov, A.A. - The first all-Union conference on geochemical methods of prospecting for ore deposits. p.126.

AKADEMIIA NAUK SSSR. Institut geologicheskikh nauk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Geological Sciences. Transactions]. Moscow, no. 90, 1947. Ugol'naia seriia [Coal Series], no. 2. Materialy geologicheskogo soveshchaniia [Materials of the coal geology conference].
Table of contents translated:
Stepanov, P.I., IAblokov, V.S. - Tasks and results of the conference on the geology of coal deposits. p.1.
Zhemchuzhnikov, IU.A. - Methods of studying the structural cyclic recurrence of coal-bearing strata and the periodicity of formation. p.7.
Ivanov, G.A. - Cyclic structure of coal-bearing deposits of the Vorkuta fields. p.19.
Krasheninnikov, G.F. - The problem of cycles in coal-bearing strata. p.21.
Davydova, T.N., Gol'dshtein, P.L. - Separating genetic types of deposits as a basis for lithogenetic studies of coal-bearing strata. p.28.
Gorodetskaia, N.S. - Comparative analysis of results of the lithogenetic study of the Bureya, Chelyabinsk, and Kizel Basins. p.45.
Vasil'ev, P.V. - Methods of studying indeterminate coal-bearing strata as found in the Kizel coal fields. p.53.
Ul'mer, A.E. - Stratigraphy and history of the formation of lower Carboniferous deposits of the Moscow Basin (analysis of the structure of deposits of formation cycles and its practical application). p.70.
Ivanov, G.A. - Principles of detailed lithological correlation of coal-bearing deposits and effective indexing of coal beds. p.74.
Krasheninnikov, G.F. - Coal deposits of the interior zone of the Ural geosyncline. p.76.
Shirokov, A.Z. - Coal measures in geosynclines and platforms. p.88.
Voinovskii-Kriger, K.G. - Some structural problems of the Pechora Coal Basin. p.103.
Ivanov, G.A. - Coal-bearing capacity of the northeastern region of the Pechora Basin. p.108.
Rotai, A.P. - New data on the coal-bearing capacity of the southern region of the Pechora Basin. p.111.
Egorov, A.I. - Conditions of the Carboniferous coal measures of northeastern Kazakhstan. p.134.
Krishtofovich, A.N. - New methods of studying the change of coal substances. p.139.
Val'ts, I.E. - Petrological composition of Kizel coals and its effect on coking properties and preparation. p.145.
Titov, N.G. - Characteristics of humus transformation in lignite and coal formation. p.147.
Kustov, B.I., Kushev, G.L. - Quality and classification of Kazakhstan coals. p.149.
Gapeev, A.A. - Classification system of coals of the Karaganda Coal Basin. p.166.
Uporov, V.K. - Distribution of coking coals in the Karaganda Basin. p.170.
Liuber, A.A. - Coal-petrological bases for determining the composition and distribution of coking coals in the Karaganda Basin. p.173.
IAvorskii, V.I. - Geology of the Kuznetsk Basin. p.176.
Sinnov, V.V. - Metamorphism of coals in the Kuznetsk Basin. p.185.
Prigorovskii, M.M. - Map of known and presumed occurrences of coal in the U.S.S.R. p.195.
Matveev, A.K. - Chief regularities of coal distribution in the U.S.S.R. and theoretical bases of regularities of their property changes. p.202.
Ammosov, I.I. - Contents and methods of compiling geological and coal chemistry maps. p.213.
Stepanov, P.I. - Greater Donets Basin in the light of problems of the restoration period. p.225.
Resolutions of the coal geology conference. p.227.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 1, 1956.
Title translated:
Ostrovskii, I.A. - Study of mineral formation in certain silicate melts under water vapor and hydrogen pressure. 198 p.
Title transliterated: Ostrovskii, I.A. - Issledovaniia po mineraloobrazovaniiu v nekotorykh silikatnykh rasplavakh pod davleniem vodianogo para i vodoroda. 198 p.

AKADEMIIA NAUK SSSR. Kamchatskaia vulkanologicheskaia stantsiia, Klyuchi. Biulleten' Vulkanologicheskoi stantsii na Kamchatke [ACADEMY OF SCIENCES OF THE U.S.S.R. Kamchatka Volcanic Station. Bulletin of the Kamchatka Volcanic Station]. Moscow, no. 16, 1948.
Table of contents translated:
Gorshkov, G.S. - Sarychev Peak. p.3.
Glavatskii, S.N., Efremov, G.K. - Eruption of

Sarychev Peak in November, 1946. p. 8.
Glavatskii, S.N. - Observations on the Avacha, Koryakskaya, and Mutnaya volcanoes during 1945. p.13.
Vlodavets, V.I. - Activity of Karymskaya Sopka during 1943-1947. p.17.
Vlodavets, V.I., Morozov, A.I., Troitskii, V.D. - Malyy Semyachik Sopka. p.19.
Enman, V.P. - The crater of Shiveluch during April 29-30, 1946. p.28.
Vlodavets, V.I. - In memory of Viktor Fedorovich Popkov. p.30.

AKADEMIIA NAUK SSSR. Paleontologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Paleontology. Transactions]. Moscow, vol. 59, 1955.

Title translated:

Merklin, R.L., Nevesskaia, L.A. - Handbook on Miocene bivalvular mollusks of Turkmenia and western Kazakhstan. 117 p., 32 plates.

Title transliterated: Merklin, R.L., Nevesskaia, L.A. - Opredelitel' dvustvorchatykh mollyuskov miotsena Turkmenii i zapadnogo Kazakhstana. 117 p., 32 plates.

Vol. 60, 1956.

Title translated:

Ruzhentsev, V.E. - Lower Permian ammonites of the southern Urals. Part 2. Ammonites of the Artinskian stage. 274 p., 39 plates.

Title transliterated: Ruzhentsev, V.E. - Nizhnepermskie ammonity iuzhnogo Urala. Part 2. Ammonity artinskogo iarusa. 274 p., 39 plates.

Vol. 63, 1956.

Title translated:

Suvorova, N.P. - Trilobites of the Cambrian in the eastern Siberian Platform: No. 1. Protolenidae. 158 p., 12 plates.

Title transliterated: Suvorova, N.P. - Trilobity kembriia vostoka Sibirskoi platformy. 158 p., 12 plates.

AKADEMIIA NAUK URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii. [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series]. Kiev, no. 10, 1956.

Title translated:

Brazhnikova, N.E., and others. - Fauna and flora of Carboniferous deposits of the Galician-Volyn Lowland. 409 p.

Title transliterated: Brazhnikova, N.E., and others. - Fauna i flora kamennougol'nykh otlozhenii Galitsiisko-Volynskoi vpadiny. 409 p.

GEOKHIMIIA [GEOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1956. [With English summaries in insert.]

Table of contents translated:

Vinogradov, A.P., Chupakhin, M.S., Grinenko, V.A. - Isotope ratio $S^{34}/S^{32}$ in sulfides. p. 3.
Manskaia, S.M., Drozdova, T.V., Emel'ianova, M.P. - Uranium binding by humic acids and melanoidines. p.10.
Naumov, G.B., Tobelko, K.I. - Some experiments dealing with the artificial nasturan synthesis. p. 24.
Tugarinov, A.I., Vainshtein, E.E., Shevaleevskii, I.D. - Zirconium and hafnium distribution in zircons of granitoids and metasomatites. p. 28.
Ol'shanskii, IA.I. - Joint migration of substances in solid and liquid phases. p. 38.
Sobolev, V.S., TSvetkov, A.I. - Thermal effects on heating curves of disthene and andalusite. p. 45.
Dmitriev, L.V., Znamenskii, E.B. - Distribution of titanium in granites. p. 48.
Ginzburg, I.I., Mukanov, K.M. - Pb, Zn and Cu distribution in various classes and fractions of the Diluvium in the region of two deposits in Central Kazakhstan. p. 50.
Alekseev, A.A. - Fluorine content in thermal springs. p. 58.
Poliakova, M.N. - Geochemistry of iodine of underground waters in the Crimean steppe region. p. 64.
Sveshnikov, G.B., Dobychin, S.L. - Galvanic sulfide dissolution as a formation cause of the hydrogeochemical halo of heavy metal dissimination. p. 70.
Shcherbina, V.V. - Session on the occasion of the 11th anniversary of the death of Academician A.E. Fersman. p. 76.
Ivanov, A.Kh. - Vladimir Afanas'evich Obruchef; obituary. p. 76.

GEOLOGICHNYI ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Instytut geologichnykh nauk Akademii nauk Ukrains'koi RSR [Geological Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 16, no. 3, 1956. [In Ukrainian.]

Table of contents translated:

Bieliavskyy, IA.M., Rodionov, S.P., Horoshnykov, B.I. - Some characteristics of iron ore formations of the Pre-Cambrian in connection with problems of their nomenclature. p. 3.
Molliavko, B.I. - Paleogeographic features of the Ukraine and adjoining regions of the early and middle Miocene period. p.13.
Kozhych-Zelenko, M.P. - Lithology of upper Carboniferous deposits in the northwestern edge of the Donets Basin. p. 26.
Notarov, V.D. - Conditions of the formation of chloride and sodium containing waters in the Krivoy Rog Basin. p. 38.
TSapenko, I.I., IElisieieva, M.P. - Characteristics of the chemical composition of underground waters of the Buchakian-Kanev aquiferous horizon of the Dnieper-Donets Lowland. p. 44.
Sollohub, V.B. - Conducting seismic prospecting in the outer zone of the Carpathian piedmont fault. p. 52.
Krzhyvanek, H.A. - Geophysical data on the structure of the zone of linkage between the northern Crimean fault and the southern part of the Russian Platform. p. 62.
Tamrazian, H.P. - Earthquakes of the Crimea and cosmic conditions of the earth. p. 66.
Symonenko, V.D. - Origin and possible uses of Poloshok kaolins. p. 71.
Makarenko, D.IE. - Crab remains from Paleogene deposits in the Crimea. p. 74.
Makukhina, H.O. - Titanium and augite from basalts of the southwestern outskirts of the Donets Basin. p. 76.
Stashchuk, M.F. - New data on the occurrence of phosphorites in pay strata of Podolia. p. 79.
Horoshnykov, B.I. - Tourmaline from the zone of the Saksagan' overthrust fault. p. 83.
IUrk, IU.IU., Shniukov, IE.F. - History of the discovery of martite. p. 87.
Chebanenko, I.I. - Classification and methods of studying tectonic faults. p. 89.
Geochemical methods of prospecting for ore deposits. p. 94.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Informatsionnyi sbornik [ALL-UNION GEOLOGICAL INSTITUTE. Information Bulletin]. No. 2, 1955.

Table of contents translated:

Rostovtsev, N.N. - Geological structure and oil- and gas-bearing possibilities of the West Siberian Lowland. p. 3.
Rozentsvit, A.O. - Characteristics of Proterozoic rocks of the Olekma-Vitim mountainous region. p. 12.
Polovinkina, IU.Ir. - Stratigraphic nomenclature of Krivoy Rog. p. 20.
Nekhoroshev, V.P. - Age of marine Paleozoic deposits of Chakel'mes Hills and in the vicinity of Kokpekty. p. 24.
Muzylev, S.A., Zhamoida, A.I. - Stratigraphy of the upper Paleozoic of Mount Zarod in the Maritime Territory. p. 29.
Rotai, A.P. - Age of sedimentary layers in the Dzhaman-Bulak Valley of the Dzungarian Ala-Tau. p. 35.
Krivtsov, A.I. - New data on the stratigraphy of the lower Carboniferous in the eastern slope of the Baltic shield. p. 40.
Beliaevskii, N.A. - Geological aspects of ophiolitic series in the Sikhote-Alin Range. p. 46.
Baboshin, V.A. - Rocks of Mount Leipi (Kola Peninsula) in connection with the discussion of the term "trondhjemite." p. 49.
Velikii, A.S., Kumpan, A.S. - Some regularities in the occurrence of polymetallic deposits in the interior of the Dzungarian-Balkhash structure. p. 53.
Nekhoroshev, V.P. - Genesis of polymetallic deposits of Central Asia. p. 56.
Staritskii, IU.G. - C.J. Sullivan's views regarding the origin of ores. p. 61.
Mikhailov, B.M. - Determining indices of refraction of clay fractions of rocks by means of the Fedorov stage. p. 68.
Mikhailov, B.M. - Results of staining mixtures of clayey minerals with methylene blue. p. 71.
Berlin, T.S. - Methylene blue staining of montmorillonite in connection with different pH values of suspensions. p. 76.
Novikov, G.I., Chaikina, N.I. - New method of extracting small amounts of lead from rocks and minerals. p. 78.
Glazunova, A.E. - Discovery of ammonites in southeastern Mongolia. p. 80.
Kirikov, D.A. - Kit for laboratory work in the field. p. 81.
Shchegiov, A.D. - More on the historical study of the geological structure of eastern Transbaikalia. p. 83.
Nekhoroshev, V.P. - The "absolute" and relative age of granitoids of the Altai and Kalba (concerning the article of M.A. Abdulkabirova and M.A. Stroeva "Age of granite intrusions of Kalba"). p. 85.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vol. 9, 1955.

Title translated:

Danilovskii, I.V. - Reference lithological and stratigraphic profile of deposits of the Scandinavian glaciation of the Russian Plain, and principal Quaternary molluska. 201 p.

Title transliterated: Danilovskii, I.V. - Opornyi litologo-stratigraficheskii razrez otlozhenii skandinavskogo oledeneniia Russkoi ravniny i rukovodiashchie chetvertichnye molliuski. 201 p.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGO-RAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM [SCIENTIFIC RESEARCH] GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 93, 1956. Volgo-Uralskaia neftenosnaia oblast' [Volga-Ural oil-bearing region].

Title translated:

Krotova, V.A. - Hydrogeology. 266 p.

Title transliterated: Krotova, V.A. - Gidrogeologiia. 266 p.

MOSCOW. MOSKOVSKII GEOLOGO-RAZVEDOCHNYI INSTITUT. Trudy [MOSCOW GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. Vol. 31, 1956.

Table of contents translated:

Nikolai Ivanovich Kulichikhin. p. 5.
Bibliography of N.I. Kulichikhin's main works. p. 8.
Kulichikhin, N.I., Vercheba, A.O. - Some results of scientific research of the mining department of the Moscow Geological Prospecting Institute on problems related to resistance of rocks to drilling and blasting. p. 9.
Bagdasarov, Sh.B. - Study of the relation of speed and depth of boreholes in a series. p. 14.
Vercheba, A.O. - Increasing the rate of exploratory mining. p. 18.
Tikhonov, N.V. - Oscillographic study of the work of tooling machines in actual working conditions. p. 28.
Naidenko, M.A. - Testing SN-5 and SN-7 rotary pumps. p. 35.
Litvak, D.V. - Classification of metal alloys for excavators and trenchers. p. 40.
Chistiakov, V.I. - Planning exploratory mining operations in connection with a detailed survey of mineral deposits. p. 50.
Vasil'ev, B.G. - Results of testing the cutting of grooved core samples with a hammer from a detachable bit. p. 53.
Vozdvizhenskii, B.I. - Principal methods for developing the technology of exploratory drilling. p. 66.
Andreev, M.M. - Effective maximum specific loads for exploratory drilling rigs. p. 69.
Bezplatkin, V.F. - Determining the parameters of vibration in the operation of a cable drilling rig. p. 74.
Fliatov, B.S. - Hydraulic calculation of the circulating system of wells. p. 81.
Kopytko, IU.N. - Possibilities of developing auger and vibro-auger boring. p. 92.
Volkov, S.A., Bogoliubskii, K.A. - Pumpless boring. p. 102.
Trofimov, V.M., Shteinberg, A.M. - Study of cutting bits used for boring in the central Donets Basin. p. 115.
Dashkatov, D.N. - Initial deflections of wells. p. 121
Ovchar, I.L. - Turbodrilling multiwell penetrations curving abruptly from one point of origin. p. 130.
Drozdov, S.V. - Boring operations from the ice surface of the Yenisey River. p. 140.
Brylov, S.A. - Outline history of the development of mining. p. 143.

VOPROSY MINERALOGII OSADOCHNYKH OBRAZOVANII [MINERALOGICAL PROBLEMS OF SEDIMENTARY DEPOSITS]. Issued by L'vovskii gosudarstvennyi universitet [Lvov State University]. Lvov, vol. 2, 1955.

Table of contents translated:

Korobtsova, M.S. - Mineralogy of potassium deposits in the eastern Carpathian Mountain region. p. 3.
Dromashko, S.G. - Mineralogy of gypsum in the Dniester Valley. p. 136.
Dobrovnik, D.P., IUrkova, V.O. - Mineralogy of clays of the Vorotyshchenskaya series in the Carpathian foothills. p. 176.
Fishkin, M.IU. - Mineralogy of sedimentary rocks of the Beregova Upland in Transcarpathia. p. 189.
Mikol, A.IA. - Some considerations on the origin of monothermite refractory clay deposits of the Chasov Yar type and the characteristics of monothermite. p. 194.
Ripun, M.B. - Mineralogy of Tortonian tuff from the southeastern part of the Carpathian foothills. p. 204.
Kaleda, G.A. - Recrystallization of carbonates. p. 208.
Bobrovnik, D.P. - Hoegbomite from the lower Tortonian sandstone of the southwestern outskirts of the Russian Platform. p. 215.
Shainiuk, A.I. - Viridine in Miocene deposits of the southwestern part of the Russian Platform. p. 221.
Kondrat'eva, I.A., Kholodov, V.N. - Some characteristics of the formation of dolomites in the Turkestan stage of the Paleogene of Fergana. p. 219.

Vol. 3/4, 1956.

Table of contents translated:

Foreword. p. 3.
Strakhov, N.M. - Investigation of diagenesis. p. 7.
Shcherbina, V.V. - Chemical processes of mineral formation in sedimentary rocks. p. 37.
Teodorovich, G.I. - Sedimentary mineralogical and

geochemical facies. p. 39.
Danchev, V. I. - Color of sedimentary rocks as one of the indicators of conditions of their formation. p. 57.
Bobrovnik, D. P. - Study of authigenic minerals in sedimentary rocks. p. 73.
Abramovich, IU. M. - Pseudomorphism in sedimentary mineral formation. p. 80.
Sarkisian, S. G. - Mineralogy of sedimentary rocks and the petroleum industry of the U. S. S. R. p. 87.
Grigor'ev, D. P. - Essence of "colloidal" minerals. p. 107.
Shvetsov, M. S. - Nomenclature, terminology and classification of sedimentary rocks. p. 109.
Shamrai, I. A. - Mechanical selective action of the sea as a factor in ore deposition. p. 121.
Rozhkova, E. V., Shcherbak, O. V. - Sorption of lead in various rocks and its probable function in ore formation. p. 132.
Boneslavskii, S. I. - Some problems of mineral formation in bauxites. p. 144.
Gershoig, IU. G. - Processes of mineral formation in rich primary sedimentary iron ores of Krivoy Rog. p. 160.
Litvinenko, A. U. - Mineralogy of biomorphosis in connection with the origin of iron ores in the Azov Sea region. p. 174.
Malakhovskii, V. F. - Geochemistry and the principal problems of the origin of hypergenous iron ores of Kerch. p. 190.
Tochilin, M. S. - Geochemistry of authigenic siderites. p. 203.
Griaznov, V. I. - Mineralogy of manganese ores of Nikopol' in connection with the role of diagenesis in ore formation. p. 212.
Kulikov, S. I. - Sedimentary manganese ores of the middle Maikop series in the Northern Caucasus. p. 227.
Fiveg, M. P. - Geological conditions of the sedimentary stage in the origin of salt-bearing formations. p. 236.
Korenevskii, S. M. - Conditions of salt-bearing and potassium deposits in the Stryy-Bystritsa Nadvornyanskaya interfluve. p. 241.
Valiashko, M. G. - Method for determining the origin of potassium salts by their chemical composition, and its application to deposits in the Carpathian foothills. p. 252.
Kudrin, L. N. - Correlation of Miocene mineral deposits of the southwestern part of the Russian Platform to stratigraphic horizons and their facies. p. 266.
Kaleda, G. A. - Division of the geological history of silica into periods. p. 277.
Vasil'ev, V. S. - The mineralogical characteristics of authigenic silica in sedimentary rocks of the Mesozoic and Paleogene in the lower regions of the Volga. p. 282.
Lapchik, F. E. - Mineral associations of Permian and Triassic deposits of the Dnieper-Donets Lowland. p. 299.
Koblikov, A. G. - Mineralogical investigations of the productive series of the Donets Basin based on a facial-phase analysis of its sedimentation. p. 308.
Nyrkov, A. A. - Mineralogical composition of argillites in the Donets Basin. p. 315.
Dzotsenidze, G. S., Skhirtladze, N. I., Chechelashvili, I. D. - Authigenic minerals in coal-bearing deposits of Okriba in western Georgia. p. 326.
Lazarev, V. S., Radushev, V. I., Nyrkov, A. A. - Mineralogical composition of the roof and the foot of coal beds in the Donets Basin. p. 337.
Lazarenko, E. K. - Nomenclature and classification of glauconite. p. 345.
Lazarenko, E. K., Kudrin, L. N. - Occurrence of glauconite in the western region of the Ukraine. p. 360.
Lobanov, I. F. - Occurrence of glauconite in the Saratov region of the Volga Valley. p. 393.
Kariakin, L. I., Romizov, I. N. - Alunite concretions in the sands of the Chasov Yar deposits in the Donets Basin. p. 398.
Gavrilkova, L. P. - Phosphate content of upper Cretaceous rocks in the right bank of the Volga in Saratov Province. p. 405.
Lobanova, V. V. - Petrography of potassium salts in the Carpathian piedmont frontal fault. p. 410.
Preobrazhenskii, I. A. - Importance of studying minerals of igneous and metamorphic rocks in order to explain the nature and origin of sedimentary formations. p. 414.
Rukhin, L. B. - Some regularities of epigenesis. p. 425.
Kossovskaia, A. G., Shutov, V. D. - Zonal alterations of terrigenous rocks during epigenesis and early-stage metamorphism in a geosynclinal zone. p. 452.
Khodak, IU. A. - Secondary alterations of lower Cambian rocks in the Aldan District of the Yakut A. S. S. R. p. 466.
Serdiuchenko, D. P. - Some types of sedimentary-metamorphic deposits. p. 486.
Sidorenko, A. V. - Main features of mineral formations in deserts. p. 510.
Vikulova, M. F. - The present state and ways of mineralogical study of clays. p. 543.
Gorbunov, N. I. - Regularities in the formation and distribution of clay minerals in soils. p. 564.
Dzhavakhishvili, E. A. - Alterations in minerals of dispersed parts of argillaceous soils caused by their artificial gleying. p. 575.
Rateev, M. A. - Occurrence of clay minerals in upper Givetian and lower Shchigry deposits of the Russian Platform. p. 589.
Soldov, A. G. - Study of colloidal dispersed clay minerals in the Maikop gas and oil source bed of the Kirovabad oil-bearing region in Azerbaijan. p. 613.
Vedeneeva, N. E. - Duplicate adsorption of dyes as a basis for a spectrophotometric analysis of clays. p. 641.
Shutov, V. D. - New method for studying clastic feldspars in terrigenous rocks. p. 647.
Zviagin, B. B. - Electronographic method for determining clay minerals. p. 654.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Records]. Moscow, vol. 85, no. 3, 1956.

Table of contents translated:
Rimskaia-Korsakova, O. M., Troianov, M. D. - New data on tungstenite. p. 277.
Bur'ianova, E. Z. - Ferroselite ($FeSe_2$). p. 286.
Serdiuchenko, D. P. - Alumoferroascharite, a new mineral. p. 292.
IAkhontova, L. K., Sidorenko, G. A. - Arsenatebelovite, a new mineral. p. 297.
Ozerov, R. P., Grinshpan, L. B., Bushinskii, G. I. - Some X-ray structural data on minerals of the apatite group. p. 303.
Lemmlein, G. G., Klevtsov, P. V. - Effect of concentration on the temperature of homogenization of systems composed of aqueous salt solutions. p. 310.
Petrovskaia, N. V. - Some instances of spatial combination of variously typed endogenetic mineral formations. p. 321.
Birlukov, V. I. - Origin of nickel sulfide ores. p. 333.
Zharikov, V. A. - Classification of metasomatic formations such as the skarn fields of western Kara-Mazar. p. 344.
Borodaevskaia, M. B., Shmidt, A. I. - Some problems on the origin of porphyries in eastern Transbaikalia. p. 358.
Bonshtedt-Kupletskaia, E. M. - New minerals. 3. p. 373.
Solov'ev, S. P. - A. K. Boldyrev's work in petrology and mineralogy. p. 380.
Tokarev, V. A. - Ancient Chinese book on minerals and mining [in Chinese]. p. 393.
Butuzov, V. P., Ikornikova, N. IU. - Stable form of growth of artificial quartz crystals. p. 395.
Chirvinskii, P. N. - Chemical affinity and mineral composition of the peridotite-dunite shell of the earth. p. 397.
Gnevushev, M. A. - Traces of scouring on diamond grains. p. 401.
IUdin, I. A. - Some mineral meteorites. p. 403.
Rudnitskaia, E. S. - Using infrared spectrometry for studying minerals. p. 407.
Ivanov, A. A., Sheina, Z. G. - Using electrodialysis for studying limonites. p. 413.
Shteinberg, D. S. - Anthraxolite from the Volkovskoye deposits in the Urals. p. 416.
Aleksandrov, A. I. - Shungite in rocks and veins of spilite-albitophyric formations in the vicinity of Krasnoural'sk in the Central Urals. p. 418.
Nikonova, L. I. - Forms of molybdenum occurrence in oxidized ores. p. 420.
IAnulova, M. K. - Laumontite of the Karagaylinskoye deposits in Kazakhstan. p. 424.
Solov'ev, IU. S. - Axinite from deposits of central Kazakhstan. p. 429.
Kazakov, A. N. - Prevalence of positive microclines. p. 433.
Mozzherin, IU. V. - Using fine-grain conoscope technique in the microscopic study of polished sections and its application in the universal-theodolite method. p. 434.
Anan'ev, V. P., Kukovskii, E. G. - Kaolinite from the weathered zone of the crystalline massif in the southern Ukraine. p. 435.
Nesterenko, L. P. - So-called "talc" from the limestone-dolomite series of the Permian in the Donets Basin. p. 439.
Grigor'ev, D. P. - Professor N. A. Smol'ianinov's book "A practical handbook on mineralogy." p. 440.
Borodaevskii, N. I., Borodaevskaia, M. B. - Review of the collected articles edited by N. N. Kurek "Changed rocks adjacent to ore bodies and their prospecting significance." p. 444.
Smirnov, V. I. - Geological bases of ore prospecting. p. 448.
Kariakin, L. I., Logvinenko, N. V. - Remarks concerning the article of M. G. Diadchenko and A. IA. Khatuntsova "Formation of glauconite in continental conditions." p. 450.
Vardaniants, L. A. - Triad theory of twinning, triad method of analyzing plagioclase twinning, and complex twinning of plagioclase. p. 452.
Lobanov, I. F. - Determining minerals on the basis of their solubility in water and acids. p. 464.
Nina Evgen'evna Vedeneeva; obituary. p. 457.

VSESOIUZNYI AEROGEOLOGICHESKII TREST. Trudy [ALL-UNION AEROGEOLOGICAL TRUST. Transactions]. Moscow, no. 1, 1955. Geobotanicheskie metody pri geologicheskikh issledovaniiakh; sbornik statei [Geobotanical methods in geological explorations; collected articles].

Table of contents translated:
Foreword. p. 3.
Viktorov, S. V. - Short outline history of the development and present state of geobotanical methods in geology. p. 5.
Vostokova, E. A., Zhdanova, G. I. - Using geobotanical characteristics in aerogeological mapping in western Kazakhstan. p. 11.
Shvyriaeva, A. M. - Results of using geobotanical characteristics for distinguishing lithologically similar strata of different origin. p. 19.
Voronkova, L. F. - Results of using geobotanical methods for compiling a lithological map of ancient alluvial deposits. p. 34.
Vostokova, E. A. - Using geobotanical methods for hydrogeological investigations in deserts and semideserts. p. 44.
Demidova, L. S., and others. - Results of using geobotanical methods in hydrogeological investigations in Chernozem regions. p. 61.
Vyshivkin, D. D. - Methods for compiling ground salinity maps on the basis of geobotanical data. p. 71.
Shvyriaeva, A. M., Starikova, L. M. - Possibilities of using geobotanical characteristics for detecting salt dome structures. p. 82.
Viktorov, S. V., Vostokova, E. A., Voronkova, L. F. - Using geobotanical characteristics for detecting tectonic disturbances. p. 89.
Vostokova, E. A., and others. - Geobotanical evidence of bituminosity. p. 99.
Nesvetailova, N. G. - Geobotanical investigations in connection with ore prospecting. p. 113.
Bulalov, N. I., Shvyriaeva, A. M. - Geobotanical investigation methods in connection with boron prospecting. p. 135.
Kas'ianova, M. S. - Aerial visual geobotanical observations in deserts and semideserts. p. 147.

## 13. SCIENCE

### a) GENERAL

AKADEMIIA NAUK ARMIANSKOI SSSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Erivan, vol. 23, no. 1, 1956.

Table of contents translated:
Sargsian, I. S. - Theorem on the summation of derivative expansions into an ordinary and generalized Fourier integral. p. 3.
Sanoian, V. G. - Theory of the movement of suspended alluvium. p. 11.
Gasparian, A. M., Akopian, R. E. - Measuring the viscosity of liquids at temperatures above boiling points. p. 17.
Vartanian, S. A., Pirenian, S. K. - Mechanism of acetylene polymerization. p. 23.
Ter-Karapetian, M. A., Malatian, M. N. - Peculiarities in oxygen absorption during aerobic assimilation of glucose and xylose by growing yeast. p. 29.
Abovian, S. B. - Stratigraphy of Eocene deposits of the northeastern coastal region of Lake Sevan. p. 35.
Khnzorian, S. M. - New species of darkling beetle (Coleoptera, Tenebrionidae) from the Armenian S. S. R. p. 41.
Maillian, R. A. - Parasitofauna of Sevan whitefish. p. 45.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Serila fiziko-matematicheskikh, estestvennykh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Series on Physical and Mathematical Sciences, Natural History, and Technology]. Erivan, vol. 9, no. 5, 1956.

Table of contents translated:
Avetisian, A. E. - Theory of generalized integral transformations of functions of several variables. p. 3.
Ambartsumian, G. A. - Moments of distribution in the Markov process. p. 25.
Rozovskii, M. I. - Semisymbolic method for solutions of some problems in the theory of creep. p. 43.
Sapondzhian, O. M. - Bending of a fastened plate subjected to loads uniformly distributed in a circular area. p. 61.
Ter-Mikaelian, M. L. - Method of impact parameters. p. 77.
Shakhbazian, V. A. - Energy losses by charged high-speed particles in absorbing media. p. 91.

Vol. 9, no. 7, 1956.

Table of contents translated:
Dzhrbashian, M. M. - Theory of Fourier's series in

rational functions. p. 3.
Shaginian, A. L. - Theory of one-sheeted functions. p. 29.
Sanoian, V. G. - Predetermined inlet-speed diagrams for designing diffuser profiles. p. 37.
Sarkisian, M. S. - Bending of prismatic I-beams. p. 61.
Saakian, G. S. - Passing of nucleon component through the atmosphere. p. 79.
Letter to the editor. p. 105.

AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 109, no. 6, Aug. 1956.

Table of contents translated:

MATHEMATICS:
Berman, D.L. - Speed of convergence of Bernstein and Hermite-Feier interpolation processes, constructed for certain classes of nodes. p. 1087.
Bitsadze, A.B. - On a Frankl's problem. p. 1091.
Zubov, V.I. - Representation of the solutions of systems of differential equations in the neighborhood of a singular point. p. 1095.
Oleinik, O.A. - Discontinuous solutions of nonlinear differential equations. p. 1098.
Shimanov, S.N. - Problem of finding characteristic exponents of systems of linear differential equations with periodic coefficients. p. 1102.

MATHEMATICAL PHYSICS:
Horgardt, A. - Nonlinear meson field of nucleons at rest. p. 1107.
Lifshits, I.M. - Temperature outbursts in a medium subject to the action of nuclear radiation. p. 1109.
Ovsiannikov, L.V. - A general solution of renormalization group equations. p. 1112.

PHYSICS:
Sevchenko, N.A., Florinskaia, V.A. - Reflection and transmission spectra of various silica modifications within the 7-24 $\mu$ wave-length range. p. 1115.
Sitenko, A.G. - Emission of $\gamma$-quanta on collisions of fast charged pions with nuclei. p. 1119.

GEOPHYSICS:
Bibikov, D.N. - On the number of ice crystals in supercooled water. p. 1123.
Kazinskii, V.A. - Theoretical principles of ore gravimetry. p. 1126.
Kolesnikov, A.G., Beliaev, V.I. - Crystallization of supercooled water subjected to turbulent mixing. p. 1129.

BIOPHYSICS:
Pavlovskii, E.N., Teravskii, I.K. - Effect of reduced atmospheric pressure and of certain gases upon the ticks Ornithodorus papillipes Bir. p. 1133.

CHEMISTRY:
Alimarin, I.P., Gibalo, I.M. - The extraction of cupferronates of niobium, tantalum and titanium. p. 1137.
Korol'kov, I.I., Sharkov, V.I., Garmanova, E.N. - Investigation of the structure of cellulose by means of ethanolysis. p. 1140.
Rozenberg, L.M., and others. - Thermal stability of complex compounds formed of $n$-paraffins and urea. p. 1144.

PHYSICAL CHEMISTRY:
Akhumov, E.I., Rozen, B.IA. - Relationship between the compositions of the solution and precipitate in the electrodeposition of two component alloys. p. 1149.
Kremnev, L.IA., Nerpin, S.V., Kuibina, N.I. - Nature of the aging of high concentration emulsions. p. 1152.
Markina, Z.N., Rebinder, P.A. - Influence of organic liquid admixtures upon the structure and the mechanical properties of water solutions of sodium oleate. p. 1156.
Mikhailov, N.V., Fainberg, E.Z. - Phase state of cellulose in oriented fibres. p. 1160.
N., Miasnikov, I.A., Pshezhetskii, S.IA. - roperties of zinc oxide and zinc sulfide, o the luminescence of these compounds.
f:
S. - Effective dimensions of ionic
:
etrova, A.N. - Enzymatic transformahydrates in different parts of potato
1.
- Electrophoresis of proteins of spinal rve roots. p. 1174.
Maslova, M.N. - Rate of radioactive corporation into brain and liver proted by convulsions. p. 1176.
lova, V.E., Savel'eva, O.N. - Certain tures in the metabolism of potato d by puckering mosaic disease.
HNOLOGY:
itskii, V.A. - Removal of zinc from melts by blowing through a coal-air 83.
onov, P.S. - Granite outcrops at the Antarctica. p. 1187.
- Existence of three epochs of lower in the northern part of the Turgay 1191.
n attempt to compile an outline of stratigraphic correlations between the Pre-Cambrian rocks of the Russian platform and the Urals. p. 1194.

PETROGRAPHY:
Murav'ev, V.I. - Secondary transformations of micas in the Mesozoic deposits of the Vilyvy depression. p. 1197.

MICROBIOLOGY:
Gershenzon, S.M. - Mechanism of cellular infection due to polyhedral viruses studied in the light of observations on the size and form of polyhedra. p. 1199.

PLANT PHYSIOLOGY:
Golubinskii, I.N. - Atmospheric precipitation water as a medium for germinating pollen grains. p. 1203.
Ivanovskaia, A.A. - Root systems of stocks of Chinese lemon plants. p. 1206.
Skripchinskii, V.V. - Effect of wintering conditions on the characteristics of stage development of different barley varieties. p. 1210.

PHYSIOLOGY:
Sultanaliev, A.S. - Electric-current sensitivity differences between male and female animals. p. 1215.

EMBRIOLOGY:
Eramisheva, N.V. - Development of the retina in Misgurnus fossilis. p. 1219.
Ignat'eva, G.M. - Hatching conditions of Acipenseridae embryos. p. 1222.

PARASITOLOGY:
Zhmaeva, Z.M., and others. - Mammals as vectors of Rickettsia burneti - the causative agent of Q-fever. p. 1127.

Vol. 110, no. 1, Sep.-Oct. 1956.

Table of contents translated:

MATHEMATICS:
Boltianskii, V.G., Gamkrelidze, R.V., Pontriagin, L.S. - Theory of optimum processes. p. 7.
Dezin, A.A. - Concerning solvable extensions of the first order linear differential operators with partial derivatives. p. 11.
Ivanov, V.V. - An approximate solution of special integral equations. p. 15.
Pinteiskii-Shapiro, I.I. - Classification of modular groups. p. 19.
Rozenfel'd, B.A. - Geometric interpretation of symmetric spaces with simple fundamental groups. p. 23.
Sendov, Blagovest. - Certain class of regular monotonic functions. p. 27.

MECHANICS:
Kel'zon, A.S. - Self-centering and balancing of a rigid rotor rotating in two elastic supports. p. 31.

PHYSICS:
Ado, IU.M., Cherenkov, P.A. - Energy distribution in the spectrum of an incoherent emission of electrons moving in a synchrotron. p. 35.
Bazarov, I.P. - Equations with variation derivatives and distribution functions for systems with complicated interaction. p. 38.
Borgardt, A. - Pseudoscalar interaction in nonlinear meson dynamics. p. 42.
Vainshtein, E.E., Kotliar, B.I. - X-ray emission spectra of Mn and Cu in Geissler alloy within the range of magnetic transformation temperatures. p. 44.
Liamshev, L.M., Rudakov, S.N. - Reflection of sound by a thin rod in water. p. 48.

GEOPHYSICS:
Shuleikin, V.V. - Analysis of measurements of the highest wind-induced waves in the ocean. p. 53.

BIOPHYSICS:
Kheisina, V.I. - Effect of X rays on the early period of embryogenesis. p. 57.

TECHNICAL PHYSICS:
Vasil'ev, V.P. - Determination of diffusion coefficients by continuous measurements. p. 61
Garber, R.I., and others. - Low-temperature recrystallization of metals. p. 64.

CRYSTALLOGRAPHY:
Struchkov, IU.T. - Crystal structure of dibenzoylferrocene. p. 67.
Khotsianova, T.L. - Crystal structure of the chloride and iodide of diphenyliodonium. p. 71.

CHEMISTRY:
Andreeva, L.V., Koton, M.M. - Synthesis and polymerization of vinyl derivatives of furan and thiophene series. p. 75.
Balandin, A.A., Sovalova, L.I., Slovokhotova, T.A. - Catalytic demethylation of $\alpha$-picoline to pyridine under the action of water vapor. p. 79.
Volshtein, L.M., Mogilevkina, M.F. - Complex compounds of bivalent platinum with $\gamma$-aminobutyric acid. p. 83.
Vol'nov, I.I., Shatunina, A.N. - Possibility of $Ba(O_2)_2$ preparation. p. 87.
Korotkov, A.A., Piotrovskii, K.V., Feringer, D.P. - Properties of polyisoprene as related to its microstructure. p. 89.
Petrov, A.D., Mironov, V.F., Glukhovtsev, V.G. - Dehydrochlorination of dichlorisopropyltrichlorosilanes and the methylation of chlorisopropenyltrichlorosilanes. p. 93.
Topchiev, A.V., and others. - Some derivatives of dissianopropane. p. 97.

PHYSICAL CHEMISTRY:
Zuev, IU.S. - Photovulcanization of butyl rubber and sodium butadiene rubber. p. 101.
Kleimenov, N.A., Markovich, A.M. - Role of the surface in the thermal decomposition of ozone. p. 105.
Lezhnev, N.N., Kuz'minskii, A.S. - Influence of the chemical nature of carbon black on the properties of thermovulcanizates of the divinylstyrene polymers. p. 108.
Liubarskii, G.D. - Electric conductivity and catalytic activity of silver films. p. 112.
Mikhailov, I.G., Shutilov, V.A. - Velocity of sound and the compressibility of aqueous solutions of inorganic acids. p. 116.

BIOCHEMISTRY:
Vlazov, O.E., TSeitlin, P.I. - Contribution to the problem of structural relations between antigens and antibody molecules. p. 119.
Rozengart, V.I., Maslova, M.N., Paniukov, A.N. - Functional changes and ammonia contents in the brain of rabbits by convulsive effects. p. 122.
Khenokh, M.A., Lapinskaia, E.M. - Action of $\gamma$-radiation of radioactive cobalt ($Co^{60}$) upon proteins and amino acids. p. 125.

GEOGRAPHY:
Grigor'ev, A.A., Budyko, M.I. - Periodic law of geographic zonality. p. 129.

GEOLOGY:
Repina, L.N., Semikhatov, M.A., Khomentovskii, V.V. - Stratigraphy of Cambrian deposits in the western regions of Eastern Sayan. p. 133.

PETROGRAPHY:
Liakhovich, V.V. - Pisolite tufas on the Siberian Platform. p. 137.

PALEONTOLOGY:
V'iushkov, B.P., Chudinov, K. - On the Triassic reptiles, Microcnemus and Tichvinskia. p. 141.

CYTOLOGY:
IAkovleva, T.M. - Alkaline phosphatase in macrophages cultivated in serum. p. 145.

HISTOLOGY:
Suvorova, L.V. - Development of reactive inhibition capacity of cell division, observed in mice during ontogenesis. p. 149.

BOTANY:
Bakhteev, F.Kh. - A fossil form of cultivated barley, Hordeum lagunculiforme Michi. p. 153.

PLANT PHYSIOLOGY:
Zingor, N.V., Poddubnaia-Arnol'di, V.A. - Physiological role of carotenoids in the reproductive organs of higher plants. p. 157.

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 23, no. 10, Oct. 1956.

Table of contents translated:

Isakov, A.I. - Atomic engineering. p. 1.
Gurevich, A.N. - Diesels in locomotives. p. 7.
Lisnik, IU.V. - Theory of probabilities in practice. p. 11.
Prosin, A. - Radio relay systems. p. 14.
Dadykin, V.P. - In the Far North. p. 17.
Dobronravov, V.V. - Cosmic navigation. p. 19.
Trakhtenberg, I. - Active recreation. p. 23.
Zhukovskii, M.A. - Infectious diseases of children. p. 25.
Davydov, L. - Birth of a new machine. p. 27.
Shakhbazian, G. - "Microclimat" in the workshop. p. 30.
Semiconductor rectifiers. p. 33.
Important tasks. p. 35.
Faddeev, E.T. - Fascinating trip. p. 37.
Ivanov, I.G. - Infinity and eternity of the universe. p. 39.
Rusinova, L.V. - Hokkel's "Riddles of the world." p. 43.
Nikanorov, IU. - Subjugation of fire. p. 45.
Nudler, G.I. - Automation of central heating and power stations. p. 49.
IAkubaitis, E.A. - Electric power plant underneath a railroad car. p. 50.
Mikhailov, IA. - Furrow system of irrigation. p. 51.
Liubimtsev, V. - Superpower bulldozer. p. 52.
Riabkin, B. - Clock wound by light. p. 52.
Orlov, V.I. - At the fair in Verona. p. 53.
Kalashnikov, L. - Tireless inventor. p. 55.
Goncharov, V.G. - IU.M.Shokal'skii. p. 57.
Grigor'ev, V. - Where a desert has been. p. 58.
Ryklin, G. - Science in the dollar world. p. 59.
A review of scientific journals. p. 61.
New books. p. 62.
Novokshanova, Z. - Halley's comet. p. 63.
Frumkin, M.L. - Corrosive effect of the wild rose. p. 63.
Plotnikov, N.N. - "Living hair." p. 63.
Shatenshtein, L. - What causes heartburn. p. 64.

Vol. 23, no. 11, Nov. 1956.

Table of contents translated:

Zakharchenko, V.D. - Boundless horizons. p. 1.
Bernal, John, D. - On the eve of new discoveries. p. 5.
Petrov, B. - Automatic control of the future. p. 9.
Pospelov, G.L. - Land of great possibilities. p. 16.
Dubrovskii, B. - Water power cascade on the Ob'. p. 20.

Gullaev, P. - Artificial organs. p. 21.
Tikhov, G. - Prospects of a new science. p. 24.
Rozenblat, V. V. - Before the flight into the cosmos. p. 25.
Dzhigit, I. - Electronics of today and tomorrow. p. 29.
Ganichenko, G. - First machine tool of the new five-year plan. p. 32.
Pan'kovskii, V. - "Podzemgaz" near Moscow. p. 33.
Karlov, A. - The main trend. p. 35.
Nemiro, A. - International conference on astrometry. p. 38.
Cities not yet marked on maps. p. 39.
Alpat'ev, A. - Conference of scientists and vegetable growers. p. 41.
Koval'zon, M. IA. - Science leads us forward and the religion backwards. p. 42.
Nikanorov, IU. - Subjugation of fire. p. 47.
Korsh, IA. - Steel produced from ores. p. 50.
Malinov, L. - "TSRP" unit. p. 51.
Soldatova, T. - Medicine made of corn. p. 52.
Osipov, E. - Surgical television unit. p. 52.
Kiriukhin, A. - Baby car. p. 52.
Sukhov, B. - Atomic clock. p. 53.
Shcherbakov, D. - At the congress of geologists. p. 56.
Dolotin, N. - In the world of fiction. p. 59.
A review of scientific journals. p. 61.
New books. p. 62.
Khudyi, IU., Gurova, E., Golubeva, I. - Electric anesthesia. p. 63.
Parfenov, V. A. - Indium. p. 63.
Ivanova, K. - Indoor cultivation of lemons. p. 64.

OKHRANA PRIRODY I ZAPOVEDNOE DELO V SSSR. Biulleten' [PROTECTION OF NATURE AND THE WORK OF PRESERVES IN THE U. S. S. R. Bulletin]. Issued by Komissiia po okhrane prirody Akademii nauk SSSR [Commission for the Protection of Nature of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, 1956.

Table of contents translated:

Introduction. p. 3.
Kovalin, D. T. - Tasks in the regeneration, utilization, and conservation of forests of the U. S. S. R. p. 9.
Tarasiuk, B. F. - Conservation of fish resources. p. 25.
Nagibina, T. E. - Tasks in the sanitary protection of the bodies of water. p. 36.
Brief news. p. 129.
Gol'dberg, M. S. - Purity of the air and its preservation. p. 47.
Kuzin, A. M., Peredel'skii, A. A. - Conservation of nature and some problems of "radiation ecology." p. 65.
Dement'ev, G. P. - Animal kingdom of the U. S. S. R. and its conservation. p. 70.
Dubinin, V. B. - Parasitology and conservation of acclimatized and indigenous animals. p. 88.
Sdobnikov, V. M. - Conservation and efficient utilization of animals in Arctic regions. p. 96.
Kabanov, N. E. - Reserves and conservation of nature. p. 105.
Shaposhnikov, L. K. - Academy of Sciences and conservation of nature. p. 117.

PRIRODA [NATURE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 45, no. 10, Oct. 1956.

Table of contents translated:

In memory of Otto IUl'evich Shmidt. p. 3.
Gerasimov, I. P. - Soil map of the world. p. 5.
Krentsel', B. A., Loktev, S. M. - Polyethylene. p. 14.
Balakhovskii, S. D. - What's new in the science of pain. p. 23.
Gavrilov, M. A. - Functions of "memory" and comparison in automatic machines. p. 30.
Babaian, K. E. - Reproduction of fish stocks in the U. S. S. R. p. 40.
Kapitsa, S. P. - Modern problems of magnetism. p. 51.
El'piner, I. E. - Ultrasonic location in biology. p. 57.
Rumanovich, Aleksandru, Rojman, Alexander, Somoš, András. - Michurin's ideas abroad. p. 63.
Svet, IA. M. - First discoverer of the New World; on the 450th anniversary of Christopher Columbus' death. p. 69.
Sotin, B. S. - Outstanding scientist and electical engineer; on the 100th anniversary of Nikola Tesla's birth. p. 79.
Seifer, A. L. - Protection against salt corrosion. p. 84.
Dobrolubskii, O. K. - Foliar nutrition with trace elements. p. 85.
Kon', IA. S. - Insecticide smoke pots. p. 89.
Ravich, B. M. - Briquetting agricultural wastes. p. 90.
Maruashvili, L. I. - Volcanoes and pseudovolcanoes. p. 92.
Kuzmin, A. IA. - New varieties of currants. p. 94.
Alpatov, V. V. - Biological control of weeds. p. 96.
Rakitin, IU. V., Krylov, A. V., Kolesnik, A. A. - Role of gases in vegetable and fruit storage. p. 97.
Gvozdetskii, N. A. - Tien Shan spruce forest. p. 99.
Gladkov, N. A. - Poikilothermism in hummingbirds. p. 100.
Tolstov, A. N. - Fossil remains of trees. p. 102.
Borshchevskii, A. N. - Wood-destroying insects. p. 104.
Cooperation between scientists of the U. S. S. R. and the people's democracies. p. 108.
Orlova, V. S. - Lectures of foreign physicists in Moscow. p. 109.
IUdin, I. A., Gal'perin, I. A. - Flights of bolides. p. 111.
Bogacvskii, V. T. - "Shaped" luminescence in the Okhotsk Sea. p. 112.
Murinson, B. IU. - Abutilon. p. 113.
Chinchaladze, L. M. - Gymnodactylus caspius in Georgia. p. 114.
Sedykh, K. F. - Subarctic lampreys in aquariums. p. 114.
Alcev, IU. G. - John Dory on the northern shores of the Black Sea. p. 115.
Shekhov, A. G. - Pelicans and gulls on Lake Manych-Gudilo. p. 115.
Ilichevskii, S. O. - Wild mignonette as forage plant. p. 116.
Zhdanov, IU. V. - Palms in Sukhumi. p. 116.
Miroshnikov, L. D. - Finds of fauna remains on Taymyr Peninsula. p. 117.
Kogan, IA. B. - Book on foreign agricultural practice. p. 119.
Kulagin, G. D. - Physical geography of Asia. p. 121.
Brief news about new books. p. 122.
Dantlova, N. A. - Solar radiation in October. p. 126.
Dolgoshov, V. I. - Autumn frost. p. 127.
Kemmerikh, A. O. - Freezing of rivers. p. 127.

Vol. 45, no. 11, Nov. 1956.

Table of contents translated:

Shmidt, O. IU. - Role of solid particles in planetary cosmogony. p. 3.
Kruzhilin, G. N. - Problems and prospects in atomic engineering. p. 7.
Dzens-Litovskii, A. I. - Protection of natural waters. p. 19.
Kozhovnikov, I. I., Meshcheriakov, IU. A. - Geomorphological methods of prospecting for mineral deposits. p. 25.
Lepine, Pierre. - Success of vaccination against poliomyelitis. p. 38.
Landsberg, G. S. - Tenth all-Union conference on spectroscopy. p. 43.
Kriviskii, A. S. - Problems of Soviet preventive medicine; results of the 13th All-Union Conference of Hygienists, Epidemiologists, Microbiologists, and Specialists in Infectious Diseases. p. 49.
Mordukhai-Boltovskoi, F. D. - "Borok" biological station. p. 52.
Senkowski, Stefan. - Giant of the Polish chemical industry. p. 56.
Martino, K. V. - Bulgarian Institute of Fisheries. p. 61.
Petrov, M. P. - Bakharden cave. p. 64.
Mikhailov, A. A. - Outstanding English astronomer and geophysicist; on the 300th anniversary of Edmund Halley's birth. p. 69.
Sarmanov, O. V. - Creator of the concept of the mathematical series. p. 73.
Luk'ianov, P. M. - Paints of old Russia. p. 77.
Poliianskii, N. G. - Using microorganisms in chemical analysis. p. 83.
Medvedev, Zh. A., Fedorov, E. A. - Assimilation of sulfur anhydride from the air by plants. p. 84.
Penzo, Giuseppe. - Cycle of development of a phagocyte inside a bacterial cell. p. 86.
Kovda, V. A. - Landscapes of irrigated regions of the U. S. S. R. p. 89.
Kamzolkin, V. V. - Synthesis of ethyl alcohol from carbon dioxide and hydrogen. p. 93.
Miroshnikov, L. D. - Connection of flora with strata outcrops. p. 95.
Sandor, Jak. - New karst-type cave in Hungary. p. 96.
Glavinich, Ruzhitsa. - Vegetative hybridization of tomato and tobacco. p. 98.
Nesting of birds. p. 101.
Golenchenko, A. P. - Television in the aerial location of fish. p. 104.
Dmitriev, G. A. - Prehistoric lake near Inta. p. 105.
General expeditions of the Academy of Sciences of the U. S. S. R. p. 108.
All-Union conference on electrochemistry. p. 109.
Stefkin, F. S. - Paints made of peat ashes. p. 110.
Berenbeim, D. IA. - Unusual form of steaming of the sea. p. 110.
Zhokhov, P. I. - Edible mushroom growing on Mongolian oak. p. 111.
Ovesnov, A. M. - Double-germ grass weeds. p. 111.
Kirillov, F. N. - Parasites of fishes of the Lena River. p. 112.
Birlukov, N. P. - Rare specimen of the Baltic sturgeon. p. 113.
Rogalina, T. S. - A gull in Chistyye Prudy. p. 113.
Borisikovskii, P. I. - Belemnites in Old Stone Age. p. 113.
Grebeniuk, N. L. - Gosling in a stork's nest. p. 114.
Tatarinov, M. P. - From the history of Russian mining engineering. p. 116.
Karpov, M. M. - Important work on the history of science and its connection with industry. p. 117.
Dement'ev, G. P. - Birds trained for hunting in the service of agriculture. [In Hungarian.] p. 119.
Brief reviews of new books. p. 120.
Rikhter, G. D. - First snow. p. 123.
Martynov, V. M. - Cessation of fall growing of winter wheat. p. 124.
Shul'ts, G. E. - November in Tajikistan. p. 124.
Narchuk, E. P. - Guests from the North. p. 125.
Narchuk, E. P. - Ant lion. p. 126.
Zavarikskii, N. V. - A possibility for using superconductivity. p. 127.
Zenkevich, L. A. - Letter to the editor. p. 128.

ZNANIE-SILA [KNOWLEDGE IS POWER]. Organ of Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 31, no. 10, Oct. 1956.

Table of contents translated:

To our Chinese friends. p. 1.
Popovskii, M. - Here a forest will grow. p. 3.
Perlia Z. - History of the wheel and the bearing. p. 6.
Dolgopolov, N. N. - Toward the North Pole at any cost. p. 10.
Who is the author of "Tale of Igor's expedition." p. 12.
Life teaches. p. 12.
"TSar Achilles." p. 13.
Around the world. p. 14.
Varshavskii, A. - Etienne Dolet, the typographer from Lyons. p. 16.
Gurevich, A. - Adventures of a machine. p. 20.
Gromov, V. N. - Riddle of gravitation. p. 26.
Dmitriev, IUrii. - In the land of orang-outangs and birds of paradise. p. 31.
How, what, and why? p. 35.
Answers to readers. p. 36.
Answers. p. 36.

## b) ASTRONOMY

ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 33, no. 4, July-Aug. 1956.

Table of contents translated:

Grigorii Abramovich Shain; obituary. p. 465.
Shain, G. - Polarization of star light, magnetic field, and spiral structure of the Galaxy in the vicinity of Sagittarius. p. 469.
Chalonge, D. - Continuous stellar spectra and the classification of stars [parallel texts in French and Russian]. p. 474.
Zoi Diai O. - Spectrophotometry of Be-type stars. p. 506.
Vaskhaviatskii, S. K. - Catalog of absolute magnitudes of comets. p. 516.
Barabashov, N. P., Chekirda, A. T. - Comparing the color and the luminosity ratio of different regions of the moon's surface with some terrestrial rocks. p. 549.
Barkhatova, K. A. - Open cluster NGC 7086. p. 550.
Bystrova, N. V. - Problems of continuity or variation in the form of curves showing interstellar absorption in different regions of the sky. p. 563.
Guzeeva, G. V. - Investigating the stellar motions of zero or almost zero orbital velocity in the vicinity of the sun. p. 568.
Masevich, A. G. - Evolution of stars in the Hyades cluster. p. 576.
Ginzburg, V. L., Fradkin, M. I. - Composition of primary cosmic rays. p. 579.
Nikol'skii, G. M. - On coronal rays. p. 588.
Fesenkov, V. G. - Determination of atmospheric transparency during the night. p. 599.
Krasovskii, V. I. - Some optical manifestations of the oxygen recombination process in the upper atmosphere. p. 605.
Fesenkov, V. G. - Characteristics of the motion of a gravitating body in a resisting medium. p. 614.
Idlis, G. M. - Theory of relativity and the structural infinity of the universe. p. 622.
Parfiskii, N. N. - Remarks on the critical parallels of M. V. Stovas and on the influence of solar activity on irregular variations in the velocity of the earth's rotation. p. 625.
Shklovskii, I. S. - Continuing process of stellar evolution in spherical components. p. 631.
Perel', IU. G. - "Earth satellite" by Eustachy Bialoborski. p. 634.
Idlis, G. M. - "Trudy" of the Astrobotany Sector of the Academy of Sciences of the Kazakh S. S. R. Volumes 3 and 4. p. 635.
Dobrunov, L. - "Trudy" of the Astrobotany Sector of the Academy of Sciences of the Kazakh S. S. R. Volume 3. p. 639.

BYURAKAN. OBSERVATORIIA. Soobshcheniia [OBSERVATORY. Reports]. Erivan, no. 17, 1956.

Table of contents translated:

Badalian, G. S. - Determining the color indexes and excesses of galactic Cepheids. p. 3.
Badalian, G. S. - Relation between the spatial distribution of interstellar neutral hydrogen and long-period Cepheids. p. 27.

No. 19, 1956.

Table of contents translated:

Mirzabekian, E. G. - Radiometer for investigating the polarization of radio wave emission at 3.2 cm. wavelength. p. 4.
Mirzoian, L. V. - Spectrophotometric investigation of AG Draconis. p. 43.

GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii [Main Administration of Geodesy and Cartography]. Moscow, no. 8, Aug. 1956.

Table of contents translated:

Publicize experiences of leading workers of topographic and geodetic parties. p. 3.
Pellinen, L. P. - Possibilities of using geodetic leveling in mountainous regions. p. 10.
Zluzin, A. S. - Lateral refraction in connection with

angle measurements at traversing stations in cities. p. 18.
Ditts, O.G. - Accuracy of determining distances with wire-line range finders. p. 27.
Sapunova, D.V. - Displacement of base tripods. p. 29.
Gebgart, IA.I. - Determining elements of reciprocal orientation of aerial photographs by means of orthogonal projection of points onto the plane perpendicular to the base of photography. p. 31.
Krasheninnikov, G.D. - Estimating the alignment of aerial films by means of graphic interpolation of vertical parallaxes. p. 43.
Derebizova, IU.I. - Shortcomings in maintaining the official map of the U.S.S.R. in the Central Cartographic-Geodetic Collection. p. 47.
Polezhaev, V.I., Kashin, L.A. - Stereotopographic work in field parties. p. 50.
Gerasimov, F.IA. - V.V. Vitkovskii: on the 100th anniversary of his birth. p. 54.
Sudakov, S.G. - International Geodetic Association. p. 60.
Krylov, I.V. - Replies to readers' questions. p. 75.
Bibliography. p. 77.

No. 7, Sep. 1956.
Table of contents translated:
Principal tasks of standards and research stations and their role in topographic and geodetic work. p. 3.
Vanin, A.G. - Using phototheodolites in preparing aerial photographs in connection with compiling topographic maps of high elevation regions. p. 8.
Romanov, V.S. - Undistorted model technique for determining the geodetic elevation of photographing and the horizontal parallax of points in connection with photogrammetric condensation of the control survey net. p. 15.
Kemnits, IU.V. - Bearing distortion in aerial photographs due to regional relief features as represented by vertically taken photographs. p. 17.
Khublarova, S.L. - Using a fast-acting electronic calculating machine for geodetic computations. p. 21.
Tamutis, Z.P. - Analyzing the accuracy of results of a separate balancing of a prolonged traverse survey. p. 27.
Kamenskaia, L.P. - Calculating the common error of a series of measurements of one quantity on the basis of errors of individual groups of measurements. p. 31.
Vdovin, M.M. - Building compound signal towers in the Novosibirsk aerial geodetic enterprise. p. 37.
Strotkin, M.P. - Errors in computing capacities of reservoirs on the basis of topographic maps. p. 44.
Plakhtin, D.S. - Staking out diameters in curves in connection with railroad and highway surveying. p. 49.
Lapshina, T.M., Soldatov, S.N., Sukhodrev, M.B. - Representing settlements on school geography maps. p. 50.
Gunbina, T.N. - Scales of a section of dry land relief in maps of the world atlas. p. 60.
Recommendations on geodetic problems adopted at the Tenth General Congress of the International Union of Geodesy and Geophysics. p. 65.
Recommendations nos. 6, 7, and 8 adopted at the Ninth General Congress of the International Union of Geodesy and Geophysics. p. 72.
Mikhail Dmitrievich Bonch-Bruevich; obituary. p. 74.
Semanov, I.A. - Coordinate board. p. 77.
Bibliography. p. 78.
Brief news. p. 80.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, Dec. 1956.
Contents:
[Abstracts] Referaty 6587-7110. 80 p.

## c) BIOLOGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut botaniki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Botany. Transactions]. Alma-Ata, vol. 1, 1955.
Table of contents translated:
From the editors. p. 3.
Rubtsov, N.I. - Meadows of the northern Tien Shan. p. 5.
Goloskokov, V.P. - Vegetation of the Alpine swamps of northern Tien Shan. p. 38.
Kurochkina, L.IA. - Some ways for the efficient use and improvement of the pastures of northern Kyzyl-Kum. p. 57.
Kisykov, U.K. - Materials on the flora of the moutainous part of Mangyshlak. p. 84.
Kornilova, V.S. - Materials on the Eocene flora of the right bank of the Selety River. p. 118.
Mikhailova, V.P. - The Tien Shan sorrel, a tannin plant, and its introduction into cultivation. p. 131.
Shvartsman, S.R., Leonova, N.M. - Fungus diseases and mycorhiza of the main tree varieties of West Kazakhstan Province. p. 146.
Isaev, S.Zh. - Effect of various methods of supplementary artificial pollination on alfalfa seed yields. p. 177.
Shikina, A.P., Korzunova, E.D., Lysenko, M.K. - Effect of the pruning of potato plants on the development and chemical composition of tubers. p. 194.

Vol. 2, 1955.
Table of contents translated:
Shvartsman, S.R. - New pine disease in northern Kazakhstan. p. 3.
Kravtsev, B.I. - Fungus diseases of saksaul. p. 116.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Otdel sporovykh rastenii. Botanicheskie materialy [ACADEMY OF SCIENCES OF THE U.S.S.R. Botanical Institute. Section of Cryptogamic Plants. Botanical Materials]. Moscow, vol. II, Jan. 1950.
Table of contents translated:
Savicz, V.P. - Lichens of Russia [in Latin]; Decade VIII (1956). p. 1.
Rassadina, K.A. - New and interesting lichens. Report no. 2. p. 5.
Shtukenberg, E.K. - New lichen species of the genus Cladonia (Hill.) Hoffm. p. 12.
Trass, Kh.Kh. - Cladoniae of the Estonian S.S.R. p. 19.
Pitsyk, G.K. - New form of Aphanizomenon from the Sea of Azov. p. 27.
Ulomskii, S.N. - Aphanizomenon ovalisporum Forti in the Ural lakes. p. 29.
Kogan, Sh.I. - Interesting species of algae from the Turkmen S.S.R. p. 33.
Antipova, N.L. - New species of the genus Cyclotella from Lake Baikal. p. 35.
Antipova, N.L. - Formation of auxospores in Cyclotella baicalensis (C. Meyer) Skvortzov. p. 39.
Sechkina, T.V. - New diatoms from the sediment of Lake El'gytkhyn, Anadyr' District. p. 42.
Ermolaeva, L.M. - New species of the genus Gomphonema Ag. p. 49.
Proshkina-Lavrenko, A.I. - New representatives of the genus Chaetoceros from the Black Sea and the Sea of Azov. p. 61.
Proshkina-Lavrenko, A.I. - New species of Thalassiosira in the plankton of the Sea of Azov. p. 67.
Cheremisinova, E.A. - Melosira miocaenica sp. nova from the Miocene of Western Siberia. p. 60.
Cheremisinova, E.A. - New diatoms from the Oligocene of the Ukraine. p. 62.
Sheshukova-Poretskaia, V.S. - Fossil genus Rouxia Brun et Heribaud (Bacillariophyta). p. 64.
Sheshukova-Poretskaia, V.S. - New and interesting species of diatoms from trans-Ural bodies of water. p. 76.
Senina, G.I. - New species of the genus Denticula Ktz. p. 82.
Semina, G.I. - Seasonal changes of phytoplankton in the western part of the Bering Sea. p. 84.
Matvienko, A.M. - New species of the genus Pedinopera Pasch. p. 98.
Rodigin, M.N. - Rare fungus Phyllactinia roboris (Gachet) Blüm. on the leaves of Quercus robur L. p. 103.
Sergeeva, K.S. - Chaetomium spirochaete Palliser and Chaetomium spirale Zopf. p. 104.
Sergeeva, K.S. - New species of the genus Chaetomium. p. 108.
Karimov, M.A. - New species of fungi on Medicago sativa L. in Uzbekistan. p. 118.
Vasil'kov, B.P. - The East Siberian and East American fungus Pholiota lutoofolia (Peck) Sacc. p. 131.
Vasil'kov, B.P. - Systematical survey of the aspen mushroom Krombholzia aurantiaca (Roques) Glib. and its forms found in the U.S.S.R. p. 134.
Vasil'eva, L.N. - Agaric fungi of the southern part of the Far East. p. 140.
Smaroda, J. - Rust fungi of Latvia. p. 146.
Korbonskaia, IA.I. - New species of rust fungus from the Turkestan Range. p. 149.
Azbukina, Z.M. - Specialization of rust fungi on cultivated grasses of the Maritime Territory in the uredostage. p. 150.
Brezhnev, I.E. - Some interesting fungi found in Belgorod Province. p. 161.
Rodigin, M.N. - New species of fungi from the Bashkir A.S.S.R. p. 164.
Ladyzhenskaia, K.I. - Fossombronia angulosa (Dicks.) Raddi found for the first time in the U.S.S.R. p. 167.
Ladyzhenskaia, K.I., Obukhova, V.M. - Genus Riella Mont. in the rice fields of the Kazakh S.S.R. p. 176.
Ladyzhenskaia, K.I., Khudaikulov, S.M. - Spore-bearing of Ricciocarpus natans (L.) Corda. p. 182.
Abramova, A.L. - Indusiella thianschanica Broth. et C. Müll.; anatomical and morphological description. p. 186.
Abramova, A.L., Abramov, I.I. - Hydrogonium Ehrenbergii (Lor.) Jaeg. from Central Asia. p. 191.
Savich-Liubitskaia, L.I. - Trichostomum cuspidatissimum Card. et Ther., a new moss species of the U.S.S.R. p. 200.
Smirnova, Z.N. - Scouleria Rschewinii Lindb. et Arn. in the moss flora of the U.S.S.R. p. 210.
Smirnova, Z.N. - Identity of Drepanocladus brachiatus (Mitt.) Dix. and D. longifolius (Wils.) Williams. p. 219.
Smirnova, Z.N. - Mosses of the Yakutsk A.S.S.R. p. 228.

AKADEMIIA NAUK SSSR. Dal'nevostochnyi filial. Vestnik vostok. Trudy. Sertia botanicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Far-Eastern Branch. Transactions. Botanical Series]. Moscow, vol. 2(3), 1956.
Title translated:
Kolesnikov, B.P. - Cedar forests of the Far East. 261 p.
Title transliterated: Kolesnikov, B.P. - Kedrovye lesa Dal'nego Vostoka. 261 p.

AKADEMIIA NAUK SSSR. Institut morfologii zhivotnykh. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Animal Morphology. Transactions]. Moscow, no. 17, 1956.
Title translated:
Kryzhanovskii, S.G. - Materials on the development of clupeid fishes. 263 p.
Title transliterated: Kryzhanovskii, S.G. - Materialy po razvitiiu sel'devykh ryb. 263 p.

AKADEMIIA NAUK SSSR. Laboratoriia sapropelevykh otlozhenii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Sapropelic Deposits. Transactions]. Moscow, no. 6, 1956.
Table of contents translated:
Foreword. p. 3.
Korde, N.V. - Nomenclature and types of sapropelic deposits. p. 5.
Tiuremnov, S.N. - Age of sapropelic deposits in the central belt of the European U.S.S.R. p. 40.
Kozlovskaia, L.S. - Subfossil complexes of mollusks as indicators of the state of lakes during the Holocene. p. 55.
Sokolov, D.F., Kaden, S.B. - Titration analysis of carbon dioxide of carbonates in sapropels. p. 65.
Epshtein, V.V., Katueva, G.M. - Physical geographical and physical chemical characteristics of sapropelic Lake Ushchemerovo. p. 69.
Korde, N.V. - Biostratification of deposits of Lake Ushchemerovo and the main stages of its history. p. 83.
Zavarzina, N.B. - Results of the microbiological analysis of oozes of Lake Ushchemerovo. p. 110.
Tiuremnov, S.N. - Geobotanical and pollen study of Lake Ushchemerovo. p. 115.
Intushin, B.A. - Preliminary results of applying sapropelic oozes of Lake Ushchemerovo in cases of certain illnesses. p. 122.
Belozerov, G.I. - Therapeutic use of sapropelic oozes in the Semashko Polyclinic in Yaroslavl. p. 128.
Chizhikov, N.V. - Geomorphology and soils of the basin incorporating Lake Nero and the Ul'ya and Kotorosl' Rivers. p. 130.
Korde, N.V. - Characteristics of deposits of Lake Nero. p. 145.
Vinogradova, E.A. - Mineralogical characteristics of bottom deposits of Lake Nero. p. 161.
Zavarzina, N.B. - Occurrence of micro-organisms in Lake Nero oozes. p. 168.
Kozlovskaia, L.S. - History of Lake Nero based on research data of animal remains. p. 173.
Korde, N.V. - History of microflora and microfauna of Lake Nero. p. 191.
Smirnov, A.V. - Sapropelic accumulation in Lake Nero, results of using it for fertilizer, and industrial recovery methods. p. 201.

AKADEMIIA NAUK SSSR. Zoologicheskii institut. Trudy problemnykh i tematicheskikh soveshchanii [ACADEMY OF SCIENCES OF THE U.S.S.R. Zoological Institute. Transactions of Conferences on Problems and Topics]. Moscow, no. 6, 1956. Tret'ia konferentsiia po issledovaniiu fauny dal'nevostochnykh morei [Third Conference on the Investigation of Fauna of the Far Eastern Seas].
Table of contents translated:
Preface. p. 3.
Lindberg, G.U. - Basic principles and methods for compiling fish location maps of Far Eastern seas. p. 5.
Zenkovich, L.A., Birshtein, IA.A., Belikov, G.M. - Vertical distribution of benthonic fauna in the Kurile-Kamchatka Trench. p. 16.
Birshtein, IA.A., Vinogradov, M.E., Chindonova, IU.G. - Vertical distribution of plankton in the Kurile-Kamchatka Trench. p. 17.
Rass, T.S. - Deep-sea fishes of the Kurile-Kamchatka Trench. p. 19.
Ivanov, A.V. - Pogonophora of the northwestern Pacific. p. 20.
Brodskii, K.A. - Dividing into regions the pelagic zones of Far Eastern seas and the contiguous waters of the Pacific on the basis of a study of copepods (Calanoida). p. 22.
Naumov, D.V. - Modusae in the Far Eastern seas of the Soviet Union. p. 36.
Korotkevich, V.S. - Pelagic nemerteans of Far Eastern seas. p. 42.
Ponomareva, L.A. - Euphausiids of the Sea of Japan. 46 p.
Kobiakova, Z.I. - Certain aspects of the distribution of decapods in the South Sakhalin region. p. 47.
Shchedrina, Z.G. - Foraminifera of Far Eastern Seas of the Soviet Union. p. 66.
Dogel', V.A., Rosholniak, V.V. - Radiolarians of Far Eastern seas. p. 72.
Androsova, E.I. - Bryozoans of the order Cheilo-

stomata in the Sea of Japan. p. 77.
Lomakina, N. B. - Cumaceans of Far Eastern seas. p. 81.
Skarlato, O. A. - Biogeographical study of Far Eastern seas of the Soviet Union based on the example of bivalvular mollusks. p. 83.
Shchapova, T. F. - Benthonic littoral flora of the Sea of Japan. p. 93.
Kusakin, O. G. - Fauna and flora of the intertidal zone of Kunashir Island. p. 98.
Moklevskii, O. B. - Some characteristics of the littoral fauna of the continental shore of the Sea of Japan. p. 116.
Legeza, M. I. - Ecology and distribution of cottoid fishes in the waters of southern Sakhalin and southern Kurile Islands. p. 122.
Kulikova, E. B. - Research on the growth of deep-sea fishes. p. 132.
Rass, T. S., and others. - Propagation areas of some spring-spawning fishes of Far Eastern seas. p. 136.
Ostroumova-Pertseva, T. A. - Research on the spawning and development of flatfishes off the Maritime Territory coast. p. 138.
Probatov, A. N. - Numerical distribution of spawning herring off the eastern shores of the Sea of Japan. p. 140.
Krogius, F. B., Krokhin, E. M. - Causes of fluctuations in the amount of Kamchatka sturgeons. p. 144.
Semko, R. S. - Effect of predaceous fishes on the amount of young of the salmon family. p. 150.
Drapkin, E. I. - Occurrence of Pacific faunal elements in the Black Sea. p. 151.
Ushakov, P. V. - Atlas of the invertebrates of Far Eastern seas. p. 155.
Resolution. p. 157.

AKADEMIIA NAUK URSR, Kiev, Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Zoology. Transactions]. Kiev, vol. 13, 1956. [In Ukrainian with summaris in Russian.]

Table of contents translated:

Markevych, O.P. - Developmentof animal phylogeny in the U.S.S.R. p. 3.
Mamontova, V.O. - Elm varieties as propagation sources for some grass aphids. p. 32.
Karlash, K.V. - Wintering characteristics and state of the diapause of Chinese tussah moth feeding as larvae on the leaves of gray willow (Salix cinerea). p. 35.
Novykov, B.H. - Development of seasonal characters in birds. p. 45.
Novykov, B.H. - Specific variations in the development of constant sexual dimorphism characters in birds. p. 58.
Mazhuha, P.M. - Knee joint and its blood circulation system in man as comparedwith other mammals. p. 71.
Topachevs'kyi, V.O. - Remains of Paracamelus alutensis from the upper Pliocene deposits in the southern Ukrainian S.S.R. p. 93.
Chebotar'ov, R.S., Koval', V.P. - Oleksandr Prokopovych Markevych; on his 50th birthday. p.101.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 41, no. 9, Sep. 1956.

Table of contents translated:

Karpov, V.G. - Some physiological characteristics of oak seedlings grown under conditions of root competition. p.1263.
Kondrat'eva-Mof'vil', E.A. - Structure of the vascular system of the stem in herbaceous dicotyledons. p.1273.
Cheremisinov, N.A. - Formation of mycoflora. p.1293.
Kozhina, I.S. - Separation and identification of plant carbohydrates by means of paper partition chromatography. p.1300.
Shtina, E.A. - Method for determining the number of terrestrial algae. p.1314.
Zoz, I.G. - Hellebores are a source of new cardiac remedies. p.1318.
Shavrov, L.A. - Anatomy of wood of the genus Ephedra in the Soviet Union. p.1324.
Zakirov, K.Z., Bugyrin, V.A. - Plant relicts of the Nura-Tau Range. p.1331.
Samylina, V.A. - New Cycadophyta from the Mesozoic deposits of the Aldan River. p.1334.
Abuzlarova, R.IA. - Spore and pollen complexes of Eocene deposits of Turkmenia (Badkhyz). p.1339.
Lobodev, P.V. - Biology and productivity of red clover under natural conditions and in cultivation. p.1346.
Tatarinova, N.K. - Studying the development of perennial grasses from the seed. p.1350.
Borisova, I.V. - Biology of the Phlomis L. species of northern Kazakhstan. p.1352.
Starchenko, I.I. - Seasonal characteristics of the germination energy of tree and shrub seeds. p.1355.
Matvienko, M.A. - Study of terrestrial algae of the Crimea and the Northern Caucasus. p.1300.
Malyshev, A.A. - Growing ginseng in the mountains of the Northern Caucasus. p.1363.
Lekhnovich, V.S. - History of potatoes. p.1367.
Rabotnov, T.A. - "Methods of surveying and measuring vegetation" [in English] by D. Brown. p.1375.
Artiushenko, Z.T. - "The artistic anatomy of trees" [in English] by R.V.Cole. p.1379.
Shamurin, V.F. - Problems of plant pollination. p.1380.
Matveeva, E.P. - Vegetation of the Latvian S.S.R. p.1384.
Bondartsev, A.S., Golovin, P.N. - "Species of parasitic fungi of the genus Cylindrosporium Grev. in the Nukha-Zakataly zone of Azerbaijan" by G.R. Ibragimov, T.M. Akhundov. p.1386.
New Soviet books on botany. Part 2. p.1387.
Lipshits, S.IU., Baranov, P.A. - Seventy-fifth birthday of Konstantin Ignat'evich Meier. p.1389.
Aleksandrov, V.G. - K.IU.Abesadze; obituary. p.1401.
Belovashina, N.M. - In memory of N.I. Shakhanin. p.1402.
Shukhobodskii, B.A. - Third conference on plant phylogeny. p.1404.
Egorov, B.A., Pervukhin, F.S., Sokolov, P.D. - Investigation of tannin-bearing plants. p.1407.
Nitsenko, A. - Work of the Commission on Station Geobotanical Research during the first half of 1956. p.1410.
To all botanists of the Soviet Union. p.1413.

FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoiuznoe obshchestvo fiziologov, biokhimikov i farmakologov [All-Union Society of Physiologists, Biochemists, and Pharmacologist]. Moscow, vol. 42, no. 5, May 1956

Table of contents translated:

Novikova, L.A., Farber, D.A. - Electrophysiologic research on the connection of the auditory and visual analysers in the presence of a dominant focus in the cerebral cortex in the rabbit. p. 341.
Romanovskaia, E.A. - Sleep therapy in thermal trauma of the spinal cord. p. 351.
Kul'tepina, O.S. - Gastric secretory function in children depending on the typologic controllability of their central nervous activity and the functional state of the cerebral cortex. p. 357.
Bentelev, A.M. - Changes in the cerebral blood circulation in man. p. 363.
Kokhanina, M.I. - Baroreceptor responses of some internal organs to lymph circulation. p. 369.
Vasil'ev, P.V. - Potential developmental capacity of cervicocerebral collateral circulatory routs in mammals. p. 376.
Guglin, E.R., Dantievich, G.V. - Effect of age on the development and course of alloxan diabetes in rats. p. 383.
Batrak, G.E., Gutina, M.A. - Accumulation and secretion of bromine in the central nervous system in dogs. p. 389.
Kaplan, P.M., Turubiner, N.M. - Vitality of rabbits following excision of the parathyroid glands in two stages. p. 393.
Gitel'zon, I.I., Terskov, I.A. - Photoelectric examination of erythrocyte resistance and some results of its application. p. 397.
Belous, A.A. - Effect of amytal and its combination with dibazol on experimental pituitary hypertension. p. 403.
Trusov, V.I. - Comparison of metabolic intensity in various breeds of chickens with various types of conformation. p. 407.
Cherkasova, E.V. - Effect of a change in the zinc content of the environment on the intensity of heat exchange in frogs. p. 413.
Spornaskaia, E.N. - Methodology of studying the physiology and pathology of the endocrine glands. p. 418.
Ionkin, G.A., Leonov, A.N. - Anemization of the brain in dogs by applying movable ligatures to vessels supplying the brain in nonsurgical experiment. p. 425.
Man'kovskaia, M.N. - Method of making a fistula of the parotid gland in goats. p. 429.
Protasenia, T.P. - A new method for studying carbohydrate, protein and fat digestion in animals with experimental fistulae. p. 430.
Kvasov, D.G. - The science of physiology in the Chinese National Republic. p. 434.

Vol. 42, no. 8, Aug. 1956.

Table of contents translated:

Kvasov, D.G. - Proper muscular apparatus of analysors; with reference to simple orientation reflexes. p. 621.
Shakhnovich, A.R. - Orientation pupillomotor reactions to a "novelty" of light stimulus. p. 632.
Matiushkin, D.P. - Unconditioned orientation reaction to sound and its extinction in rabbits. p. 639.
Krotkova, A.P., Kurilov, N.V. - Modifications of cardiac rhythm. p. 648.
Zhil'tsov, V.G. - Cardiac function in experimental disorders of coronary circulation in dogs. p. 653.
Naumeno, A.I. - Variations of pressure in a hermetically closed cranial cavity. p. 660.
Dontsova, Z.S. - Nature of the effect of the midbrain on the respiratory center. p. 668.
Prilma, G.IA. - Function of deglutition, respiratory, and cardiovascular centers and its relation to the frequency of stimulation of the glossopharyngeal, superior laryngeal, and vagus nerves. p. 675.
Persianinov, L.S. - Role of vascular interoception in the restoration of vital functions following asphyxia. p. 685.
Naumova, T.S. - Modification of neural processes during the closure of temporary bonds. p. 695.
Ginzburg, S.E. - Some data on features of the effect of gastric receptors on the chronaxy of skeletal muscles. p. 704.
Kopytin, B.M. - Problem of the compound reflex phase in the action of mineral water on exocrine pancreatic secretion. p. 713.
Pankova, L.P. - Modified Thiry-Vella's operation. p. 721.
Krylov, S.S. - Method of perfusing the carotid sinus and glomus caroticum (following isolation) for oscillographic studies of chemoreceptors of the sinus reflex zone. p. 723.
Platonov, K.K., Chapek, A.V. - Activities of the Section of Aviation Medicine of the Moscow Society of Physiologists, Biochemists and Pharmacologists. p. 728.
Letter to the editor. p. 728.

Vol. 42, no. 9, Sep. 1956.

Table of contents translated:

Rozhanskii, N.A. - Evolution of inhibition. p. 739.
Teplov, S.I. - Experimental coronary insufficiency and its conditioned reflex production. p. 745.
Karaev, A.I., Loginov, A.A. - Effect of stimulation of the interoceptors on the chronaxy of the motor zone of the cerebral cortex. p. 752.
Lysov, V.F. - Role of the vagus nerve in the mechanism of secretion of gastric juice. p. 758.
Gubar', A.V. - Effect of cholecystic reflex on the biligenic function of the liver. p. 765.
Gridin, N.IA. - Dynamics of gastric juice secretion in hogs following the feeding of various types of food. p. 773.
Lekhtman, IA.B. - Analysis of the mechanism of the adaptation-trophic effect of the sympathetic nervous system on the skeletal muscles. p. 779.
Glebovskii, V.D. - Formation of a crossed stretch reflex (Philippson's reflex) in decerebrated animals. p. 788.
Kostiuk, P.G. - Site of the appearance of electrotonic potentials in spinal roots following stimulation of muscular innervation. p. 800.
Domanov, I.I. - Conditioned masticatory reflexes in sheep. p. 811.
Klosovskii, B.N., Volzhina, N.S. - Method of removal of the nucleus caudatus. p. 817.
Chumichev, V.L. - Compensation buret for Golden's gas analyser. p. 819.
Keder-Stepanova, I.A., and others. - Polarization changes in the heart following vagal inhibition. p. 821.
Popov, V.V., Sobchuk, B.A. - Photometric method for the quantitative determination of carboxyhemoglobin. p. 825.
Gorn, L.E. - Answer to critical comments by V.V. Popov and B.A. Sobchuk. p. 826.
Vedinev, F.P. - Enlarged session of the office of the Department of Biological Sciences. p. 828.

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL] Issued by Instytut fiziologii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 1, no. 4, July-Aug. 1956. [In Ukrainian.]

Table of contents translated:

Oleksandr Volodymyrovych Palladin; 70th anniversary of his birth and 50th anniversary of his scientific, social, and pedagogical activities. p. 3.
Hanitkovych, IA.V. - Effect of bile retention in the organism on inhibition and excitation in the cerebral cortex in a dog. p. 5.
Ars'kyi, Kh.T., Reznichenko, L.P. - Conditioned reflex induction of an epileptoid state in dog. p. 15.
Naumova, V.V. - Effect of trional on the higher nervous activity in dogs. p. 20.
Aizenberh, O.A. - Data on sleep therapy. p. 28.
Stetsenko, M.D. - Comparing the effect of rectangular impulses of rectified current and the effect of direct current on the extremities in man. p. 40.
Vilto, M.K. - Characteristics of cardiac function in workers in a hot environment. p. 48.
Navakatikian, O.O., and others. - Some data on the effect of the working day on cardiovascular and neural functions in miners. p. 54.
Maksymova, O.F. - Effect of dynamic work on muscle capacity in man at various ages. p. 64.
Dymshits, R.A. - Physiology of vascualr receptors. p. 70.
Popov, H.K. - Reflex reactions of the small intestine to stimulation of vasoreceptors in a dog. p. 76.
Dombrovs'ka, A.M., Krementulo, V.A., Cherkes, O.I. - Experimental investigations on the pharmacology of hypotensive drugs; methonium derivatives. p. 80.
Valuieva, T.K. - Effect of hormones of the adrenal cortex on serum protein fractions. Report no. 1. Effect of adrenalectomy on serum proteins. p. 90.
Stryts'ka, L.N. - Postpartum pancreatic secretion in dogs. p. 97.
Savyts'kyi, I.V. - Some data on the similarity of the dynamics of protein metabolism in a state of excitation and in drug-induced sleep. p. 103.
Dzholeva, T.O. - Effect of thyroxin on gas exchange in rats following the administration of bromine. p. 111.
Syrotynin, M.M. - Mountain expedition of the A.A.Bogomolets Institute of Physiology of the Academy of

Sciences of the Ukraine during the period 1952-1953. p. 117.
Voitkevych, V.I. - Results of oxyhemometric investigations under Alpine conditions. p. 121.
Bauer, M., and others. - Modified method for the automatic registration of salivation. p. 130.
Slyvko, IE.I - V.B.Tomsa, professor of physiology of Kiev University. p. 136.
Lipkan, N.F. - Materials of the Eighth All-Union Congress of Physiologists, Biochemists, and Pharmacologists; biophysical problems at the conference. p. 139.

Vol. 1, no. 5, Sep.-Oct. 1955.
Table of contents translated:
Khil'chenko, A.IE. - Comparative evaluation of various methods of determining types of higher nervous activity in animals. p. 3.
Rasin, S.D. - Higher nervous function in animals under normal and pathological conditions based on an investigation with four methods. p. 12.
Barkser, A.IE., Velovenko, I.IE. - Hereditary nature of the reaction to a challenge. p. 21.
Polishchuk, I.A. - Structure of blood colloids in schizophrenia and in manic-depressive psychoses. p. 31.
Zelins'ky, S.P. - Thiamine, riboflavin, and nicotinic acid metabolism in schizophrenia. p. 37.
Vashetko, V.M., Horodkova, T.M. - Effect of vitamin B complex on the higher nervous activity in schizophrenia. p. 46.
Biriukovych, P.V., Shtutman, TS.M. - Bromine metabolism in manic-depressive psychoses. p. 54.
TSuker, B.V. - Characteristics of psychical factors in hypertension according to the Pavlovian theory on types of higher nervous function. p. 67.
Kutin, V.P. - Certain indexes of oxidation processes in chronic stages of schizophrenia. p. 74.
Turkevych, O.M., Pysanets', O.T. - Toxic granulation of neurotrophils in the catatonic form of schizophrenia. p. 83.
Nedbailova, T.N. - Some data on metabolism in presenile psychoses. p. 88.
Bulakhova, L.O. - Capillaroscopic observations in certain mental diseases. p. 97.
Apter, I.M. - Comparative investigation of the effect of electroshock and camphor convulsive seizures on the higher nervous activity in dogs. p. 104.
Protopopov, V.P. - Therapy of mental diseases in the mountains and in standard sanatoria. p. 112.
Korcneva's'kyi, L.I., Syzenko, S.P. - The nervous system in tumorous processes; materials of the session of the Kiev Scientific Research Institute of Roentgenoradiology and Oncology. p. 129.

IUNYI NATURALIST [YOUNG NATURALIST]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 2, May 1956.
Table of contents translated:
Teterina, M. - Great honor. p. 1.
Story about grain . p. 2.
Andreev, V. - In the school group. p. 10.
In defense of our green friend. p. 14.
Postupal'skaia, M. - Looking through the window. p. 15.
Musatov, A. - Fidelity (to be continued); a story. p. 17.
Snegirev, G. - Seagull, Chipmunk; stories, p. 21.
Stories about the taiga. p. 22.
It appears that... p. 27.
Margolin, A. - Dwarf fruit trees. p. 29.
Chernenko, S. - To my friends, the young fruit breeders. p. 31.
Polkanov, F. - Gambusia. p. 32.
Smirnova, E. - Golden dust. p. 34.
Fedotova, P. - Raise chickens. p. 35.
Mier, K.G. - Panic in the stratosphere. p. 38.
Kozyr', I. - Make it yourself. p. 40.

No. 3, June 1956.
Table of contents translated:
Trip through the exhibition. p. 1.
Moskvina, L. - Friendship among young naturalists of different countries. p. 10.
Makrushenko, P. - It's distinct feature. p. 11.
Mil'kevich, T. - At a Pioneer camp. p. 13.
Musatov, A. - Fidelity (conclusion); a story. p. 17.
Tychina, P. - Verse. p. 21.
[illegible]
"awing] the Emu; a
p. 27.
29.
[illegible] - Advice to young rabbit breeders. p. 26.
Hundred questions. p. 28.
Andicheva, V. - Remarkable collection. p. 29.
Permiak, Evg. - Adopted apple tree. p. 30.
Mikhailov, V. - Leaves as negatives. p. 31.

Bianki, Vit. - Verify it, please. p. 32.
Likhotal', T. - Niurka, the inventor. p. 35.
Courageous birds. p. 38.
Derin, A. - Durable passports for plants. p. 40.

MOSCOW. GLAVNYI BOTANICHESKII SAD, Pushkinskoye. Biulleten' [MAIN BOTANICAL GARDEN. Bulletin]. No. 24, 1956.
Table of contents translated:
Matinian, A.B. - Plants of the magnolia family in the Batum Botanical Garden. p. 3.
Goncharov, A.G. - New varieties of trees and shrubs in the Siberian Botanical Garden. p. 11.
Konovalov, N.A. - Experiment in breeding the black pyramidal poplar for the central Urals. p. 15.
Dubrovitskaia, N.I., Krenke, A.N., Murinson, B.IU. - Raising lemons indoors. p. 19.
Filippov, V.V., Milich, R.N., Tarasik, G.S. - Distribution of biotin in the vegetative organs of plants. p. 31.
Sergeeva, K.A. - Development of generative buds in various persimmon species. p. 42.
Buzover, F.IA. - Effect of soil temperature on the development and accumulation of starch in potatoes. p. 46.
Vasil'eva, Z.V. - Photosynthesis in some grape varieties under conditions prevailing in Moscow Province. p. 51.
Gal'pern, G.D. - Sexual variation in some pine species. p. 58.
Mantrova, E.Z. - Characteristics of gladiolus nutrition. p. 64.
Pisarev, V.E. - Heredity in triticum-agropyron hybrid no. 1. p. 70.
[Aroslavtsev, G.D. - Sectional heterogeneity of root systems. p. 71.
Sveshnikova, N.M. - Nematode diseases in ornamental plants. p. 74.
Olisevich, G.P. - Use of NIUIF-100 in controlling the chrysanthemum nematode. p. 81.
Shmal'ko, V.F. - Features of the appearance and spreading of gall nematodes in greenhouses with perennial plants. p. 89.
Litalina, A.S. - Fungus "burns" of roses. p. 95.
Adol'f, T.A., Bashenina, N.V., Dukel'skaia, N.M. - Long-lasting winter rodent control spots. p. 97.
Batkov, G.K. - Viticulture in the Bashkir A.S.S.R. p. 100.
Paramonova, E.S. - Propagation of Angiopteris evecta Hoffm. by spores in greenhouses. p. 101.
Tarasova, T.L., Khrycheva, G.P. - Obtaining high yields of alfalfa seed in the Moscow region. p. 102.
Sharova, N.L. - Nursery for propagating dahlias by seed. p. 103.
Baranovskii, A.L. - Experiment in growing luffa and the bottle gourd in Zhitomir. p. 105.

REFERATIVNYI ZHURNAL: BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 22, Nov. 1956.
Contents:
[Abstracts] Referaty 93402-98151. 580 p.

No. 23, Dec. 1956.
Contents:
[Abstracts] Referaty 98152-102909. 575 p.

No. 24, Dec. 1956.
Contents:
[Abstracts] Referaty 102910-107610. 568 p.

REFERATIVNYI ZHURNAL: KHIMIIA; BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY; BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 22, Nov. 1956.
Contents:
[Abstracts] Referaty 20699-21685. 120 p.

No. 23, Dec. 1956.
Contents:
[Abstracts] Referaty 21686-22767. 126 p.

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 13, no. 3, 1956. [In Ukrainian with summaries in Russian.]
Table of contents translated:
Bradis, IE.M. - Classification of swamp vegetation of the Ukrainian S.S.R. p. 3.
Hryhora, I.M. - Swamps of the lower Styr' Valley within the boundaries of the Ukrainian S.S.R. and ways of utilizing them in the national economy. p. 17.
Molsieieva, M.N. - Growth and development of buds in arborescent plants. p. 27.
Shchekina, N.O. - Materials on the flora of the second Mediterranean layer in Lvov Province. p. 41.
Kotov, M.I. - New plant species from the Crimea. p. 49.
Minderova, IE.V. - New Senecio L. species in the flora of the Ukraine. p. 55.
Kharkevych, S.S. - Meadow saffron (Colchicum autumnale L.) in the Ukrainian S.S.R. p. 64.
Lazarenko, A.S. - Observations of the biology of spore dissemination in leaf mosses. p. 69.
Morochkova's'kyi, S.F. - Materials on the mycoflora of the Khomutovo Steppe Preserve. p. 74.
Kulyk, T.O. - Nigrosporosis of corn in the Ukraine. p. 87.
Zaikovs'ka, N.E. - Somatic fertilization. p. 92.
Dobrochaieva, D.M., Kondratiuk, IE.M. - Mikhail Grigor'evich Popov; obituary. p. 100.
Dobrochaieva, D.M. - "Supplements to the flora of the Transcarpathian Province of the Ukrainian S.S.R. Botanical materials of the Herbarium of the V.L. Komarov Botanical Institute of the Academy of Sciences of the U.S.S.R.", vol. 17, 1955. p. 104.
Afanas'iev, D.IA. - "Meadow cultivation on river bottom lands." p. 105.
Barbarych, A.I. - Bibliography on the flora and vegetation of the Ukrainian S.S.R. for 1954. p. 107.
Kharkevich, S.S. - In the Botany Section of the Ukrainian Society for the Conservation of Nature and contributions to the development of natural resources. p. 114.

USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 42, no. 2(5), Sep.-Oct. 1956.
Table of contents translated:
Balakhovskii, S.D., Drozdova, N.N. - Mechanism of the action of carotenoids and allied matter. p. 131.
El'piner, I.E. - Ultra-acoustic characteristics of organs and tissues and their importance in biology and medicine. p. 143.
Gorbunova, N.P. - Mutual relationship of fungi and higher plants in mycorhiza. p. 160.
Kriss, A.E. - Microbiology of the Caspian Sea. p. 175.
Zaks, M.G. - Regulation of the secretion of milk fat. p. 202.
Korzhuev, P.A. - Biological principles of a high fat content of milk. p. 216.
Bondarenko, G.A., Chernik, T.P. - Digestion in the rumen of ruminants. p. 229.
Fridenshtein, A.IA. - Histochemistry of bone tissue and certain problems of skeletal histogenesis. p. 240.
Kalabukhov, N.I. - "Animal ecology" by N.P. Naumov. p. 259.

VOPROSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 15, no. 5, Sep.-Oct. 1956.
Table of contents translated:
Sheng Ch'i-cheng. - Scientific research work in the field of nutritional hygiene during 1950-1955. p. 3.
Maslenikova, E.M., Khrapach, D.B. - Individual variations in vitamin B requirements. Report no. 1: Degree of individual fluctuation in vitamin $B_2$ requirement in white rats. p. 8.
Rudyi, R.V., Skalun, N.P. - Effect of vitamin $B_{12}$ on exocrine function of the liver and pancreas. p. 17.
Kosmolinskii, F.P. - Effect of a polyvitamin complex on the resistance of the organism to anoxia. p. 25.
Udalov, IU.F. - Mechanism of action of B-group vitamins in anoxia. p. 32.
Efremov, V.V., Beruliva, I.T. - Liquidation of pellagra in Georgia. p. 36.
Izrail'skaia, M.A., Dorgachev, I.S. - Pathomorphology of the central nervous system in experimental scurvy, in vitamin C deficiency, and following administration of extensive doses of vitamin C. p. 41.
Borezovskaia, N.N., and others. - Results of the vitaminization of food in public eating establishments. p. 37.
Bogdanova, V.A., Sollyanova, V.M. - Comparison of certain methods of determining ascorbic acid in cow's milk following boiling or pasteurization. p. 42.
Tikhomirova, A.N., Penar, O.I. - Determination of folic acid in urine. p. 46.
Pisarev, N.S., Korobkina, G.S. - Improvement in the quality of oat products (fine and course rolled oats) by means of saccharification during production. p. 48.
Zavadovskii, A.I. - Terminology and classification of food toxinfections and poisoning. p. 53.
Shtenberg, A.I. - Training of interns in the field of nutritional hygiene. p. 60.
Geimborg, V.G., Nefed'ova, N.P. - Review of the book "Dietetic and therapeutic sour milk products and the organization of their production" by A.M. Skorodumova. p. 66.
Kurko, V.I., Pirogov, N.M. - Review of the book "Cookery" by L.A. Maslov. p. 69.
Nogailer, A.M. - Scientific conference of health resorts on therapeutic diet. p. 62.
Kosmolinskii, F.P. - Conditioned reflex function of white rats following administration of thiamine in hypoxia. p. 64.
Sorgeeva, M.A. - Effect of lecithin on conditioned reflex activity in rats. p. 65.
Genes, S.G., Losnoi, N.G. - Reflex effect of food on the evacuatory function of the stomach of dogs. p. 67.
Popov, IU.D. - Mechanism of the action of beer on gastric secretion. p. 69.
Zimeido, A.T., Matsko, S.N. - Development of vitamin D deficiency and its relation to the dietary content of vitamin B complex. p. 71.
Kosmolinskii, F.P. - Effect of thiamine on tissue

respiration in hypoxia. p.73.
Tikhmirova, A.N. - Effect of high environmental temperature on the development of avitaminosis B1 in white rats. p.75.
Berezovskaia, N.N., and others. - Possibility for the enrichment of sugar with vitamin C. p.76.
Gnoevaia, V.L., and others. - Role of various vegetables in mineral metabolism in children. p.77.
Ostrovskii, IU.M. - Ascorbic acid and thiamine content of food rations in a city hospital. p.79.
Kuznetsova, N.V. - Seasonal variation in the vitamin C content of potatoes grown in certain regions of Tajikistan. p.79.
Saatchan, A.K. - Use of ascorbic acid as an antioxidant in freezing apricots. p.81.
Vasil'eva, E.N., Bogofoditskaia, V.P., Naumova, L.P. - Effect of degasified and chloropicrin-treated grain on the animal organism. p.83.
Gödes, G.IA., Romysh, L.F. - Some data on the toxic action of preparation NIIUIF-2 (granosan). p.83.
Stolnikova, A.I. - Ability of intestinal staphylococci to produce enterotoxin. p.85.
Nagirna, I.O. - Formation of staphylococcal enterotoxin in sausage meat and ready-to-eat meat products. p.86.
Kheifets, M.A. - Quantitative determination of bacterial spores and sources of their penetration into sausages. p.87.
Bugrova, V.I. - Laboratory inspection of the quality of confectionery cream products. p.88.
Sversbkov, I.V., Dukhan, D.S. - Comparative characteristics of the chemical composition of greenhouse vegetables. p.89.
Kogan, A.M., Vasil'eva, E.N. - The mineral composition of grain and vegetables in regions where Urov disease was detected. p.91.
Kiuntsel', A.A. - Fluorescent method for the hygienic inspection of food products. p.93.
Briukhanova, N.A. - Experimental study of a method suggested by G.I.Savel'eva for determining the vitamin C content of colored vegetable products. p.93.
Selivanova, V.M. - Testing the methods of vitamin C determination proposed by M.A.Khomutova. p.94.

## d) CHEMISTRY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut khimii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Chemistry. Transactions]. Baku, vol. 15, 1956.

Table of contents translated:

Bagbanly, I.L. - Preparation of potassium, sodium, and aluminum sulfates based on the chemical processing of alunite. p.5.
Tevosov, S.P. - Electrochemical activation of aluminosilicate catalysts. p.15.
Abduragimova, L.A. - Study of the structural and mechanical properties of aqueous suspensions of bentonite clays. p.21.
Abduragimova, L.A. - Presence of Newton's viscosity in bentonite suspensions. p.77.
Dalin, M.A., Shikhmamedbekova, A.Z. - Catalytic dehydrogenation of hydrocarbons for the preparation of butadiene and isoprene. p.84.
Mamedov, Shamkhal, Abdullaev, A.I. - Synthesis of dialkoxydimethyl ethers of tetraarylethylene glycol. p.99.
Mamedaliev, IU.G., Dalin, M.A., Mamedov, T.I. - Catalytic dehydrogenation of the isopentane fraction. p.106.
Ashimov, M.A., Mamedova, M.A., Allakhverdova, S.A. - Use of petroleum cracking products in the manufacture of detergents. p.110.
Novruzly, I.M. - Study of certain petroleum products as solvents for DDT and hexachlorocyclohexane. p.126.

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Chemical Sciences]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Urazov, G.G., Bogatskii, D.P. - Principles of the new methods for chemical processing of complex iron and nickel ores. p.1029.
Dubinin, M.M., Zaverina, E.D. - Nature of the surface and sorptive properties of activated carbons. Part 2. Study of the effect of chemical adsorption and chemisorption of oxygen on the adsorptive properties of activated carbons with the use of water vapors. p.1038.
Gerasimov, V.V., Rozenfel'd, I.L. - Study of the effectiveness of aluminum-zinc protectors. p.1050.
Kochetkov, N.K., and others. - Synthesis of alkenyl-β-chlorovinyl ketones. p.1053.
Chugunov, V.S. - Synthesis and properties of triphenylsiloxysilanes and products of their hydrolysis. p.1059.
Shostakovskii, M.F., Kochkin, D.A., Rogov, V.M. - Research in the synthesis and conversion of oxygen-containing organosilicon compounds. Part 6. Preparation of secondary dialkyl-(aryl) chlorosilanes, dialkyl-(aryl) silanols and some of their conversions. p.1062.
Batuev, M.I., and others. - Optical study of tetraethylsilane, ethylsilane chlorides, and regularities in the chlorination of these compounds. p.1070.
Mikhailov, B.M., Ter-Sarkisian, G.S. - Polyene compounds. Part 1. Synthesis of 1,6-aryl substituted derivatives of 1,3,5-hexatriene. p.1079.
Plate, A.F., Belikova, N.A., Egorov, IU.P. - Interaction of five-and six-membered silicohydrocarbons with a silicon atom in the ring with concentrated sulfuric acid. p.1085.
Nazarov, I.N., Kucherov, V.F., Andreev, V.M. - Research in the stereochemistry of cyclic compounds. Part 13. Synthesis and stereochemistry of isomeric decalin-1,2-dicarboxylic acids. p.1091.
Kazanskii, B.A., and others. - Hydrogenation of isopropenylcyclopropane in the presence of platinum black. p.1102.
Topchiev, A.V., and others. - Study of the composition of naphthenes in the kerosine fraction of the Tuimazy (Devonian) petroleum. p.1109.
Mitsengendler, S.P., Krasulina, V.N., Trukhmanova, L.B. - Copolymerization of diethylenic hydrocarbons with vinyl ethers. Part 1. Characteristics of the copolymerization of chloroprene and vinyl ethers. p.1120.
Bazhulin, P.A., and others. - Optical method in hydrocarbon research. Part 9. Raman spectra of certain naphthenes. p.1130.
Antsus, L.I., Petrov, A.D. - Mechanism of the catalytic polymerization of propylene under pressure. p.1136.
Liberman, A.L., Prianishnikova, M.A., Kazanskii, B.A. - Physical properties of cis-1,3,5-trimethylcyclohexane. p.1142.
Mikhailov, B.M., Kostroma, T.V. - Boron organic compounds. Part 12. Synthesis of arylboron dichlorides. p.1144.
Petrov, A.D., Mironov, V.F., Dolgii, I.E. - Synthesis of unsaturated germanium organic compounds. p.1148.
Plate, A.F., Stanko, V.I. - Preparation of cyclopentene from cyclopentadiene. p.1148.
Shostakovskii, M.F., Kochkin, D.A. - Research in the synthesis and conversion of vinyl silicon compounds. Part 2. Vinylation of hydrogen containing halo silanes and alkyldihalo silanes by the contact method. p.1150.
Tinlakova, E.I., Khrennikova, E.K., Dolgoplosk, B.A. - Role of hydrogen disulfide in vulcanization. p.1152.
Second unified scientific session of institutes of chemistry of Transcaucasian academies of sciences. p.1155.

KHIMICHESKAIA NAUKA I PROMYSHLENNOST' [CHEMICAL SCIENCE AND INDUSTRY]. Issued by Vsesoiuznoe khimicheskoe obshchestvo imeni D.I. Mendeleeva [All-Union D.I. Mendeleev Chemical Society]. Moscow, vol. 1, no. 4, 1956.

Table of contents translated:

Preobrazhenskii, N.A. - Problems of modern chemistry relative to organic medicinal compounds. p.302.
Khokhlov, A.S., Shemiakin, M.M. - Recent successes of chemistry dealing with antibiotics. p.377.
Abraham, E.P., Newton, G.G. - Certain chemical and biological properties of new antibiotics of the penicillin group. p.394.
Suvorov, N.N. - New hormones. p.406.
Shchukina, M.N., Sycheva, T.P. - Antituberculous chemotherapeutic preparations. p.410.
Larionov, L.F. - The present-day state and the future of chemotherapy of cancer. p.433.
Berezovskii, V.M. - Achievements of chemistry in the production of vitamins. p.443.
Natradze, A.G., Pliashkevich, A.M. - Continuous diffusers for extracting medicinal substances from vegetable raw materials. p.455.
Natradze, A.G., IAkovleva, E.V. - Chemicopharmaceutical industry of the U.S.S.R. and certain other countries. p.461.
Kanchukh, Sh.F. - Industrial production of vitamins in the United States. p.466.
Konovalova, R.A., Rabinovich, M.S. - Academician Aleksandr Pavlovich Orekhov; on the 75th anniversary of his birth. p.469.
Crick, F. - The structure of hereditary substance. p.472.
Commission on Nomenclature of Chemical Compounds of the Society of Chemical Sciences of the Academy of Sciences of the U.S.S.R. p.477.
D.I.Mendeleev All-Union Chemical Society. p.479.

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Organ of Ministerstvo prosveshchenita RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 11, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Figurovskii, N.A. - Frederic Joliot-Curie. p.3.
Zheltukhin, D.V. - "Dry ice" made from the by-products of hydrolytic alcohol production. p.14.
Virakhovskii, A.S. - Using the topics of the 20th Congress of the Communist Party of the Soviet Union in chemistry classes. p.16.
Osipov, A.A. - Method for acquainting the 10th class students with the production of sodium and sodium hydroxide. p.29.
Poliakova, V.A. - "Production of acetic acid" as a class subject. p.37.
Kozlov, N.S., Shur, I.A. - Method for teaching the phenomenon of isomerism in a secondary school. p.40.
Medinskii, Kh.B., Kuznetsova, M.I. - Experiments on the theory of electrolytic dissociation. p.43.
Pel'tikhin, S.V., Soboleva, I.M. - Supplementary instructions for conducting experiments in the teaching program on carbohydrates. p.49.
Blinchikov, V.A. - Experiment on compounding sulfur and iron. p.52.
Polosin, V.S. - Demonstration of Avogardo's law. p.53.
Levashov, V.I. - Exhaust system for the demonstration of experiments with toxic gases. p.56.
Khomchenko, G.P. - Quantitative determination of the action of various catalysts. p.58.
Miasoedova, T.G. - Experiments on electroplating of metals. p.60.
Berezina, N.F., Popova, Z.V., Solodennikov, A.I. Practical studies of students in a plant chemical laboratory. p.62.
Tavlinova, G.G. - Acquainting students with principles of chemical production during excursions. p.64.
Komova, T.P. - Notebooks on chemistry. p.69.
Keil'man, A.I. - Combined solubility table of electrolytes. p.71.
Davydov, S.D. - Interesting book. p.73.
Kemkhadze, V.S., Loginov, A.E., Khitrov, V.A. - A good textbook. p.74.
Egorkin, V.F., Kotlarova, O.S., Savich, T.Z. - Results of chemistry examinations. p.77.
Teterin, M.L. - New chemical apparatus. p.79.

KOLLOIDNYI ZHURNAL [COLLOID JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 18, no. 5, Sep.-Oct. 1956. [With English summaries in insert.]

Table of contents translated:

Arabadzhi, V.I. - Modeling of a spark discharge between regions of space charge concentration. p.513.
Voiutskii, S.S., Zaionchkovskii, A.D., Roznikova, R.A. - Plasticization of polyvinyl chloride by butadienenitrile co-polymer. Part 5. Investigations into the compatibility of the polymers in solutions. p.516.
Glikman, S.A., Root, L.A. - Volumetric effects of dilute solutions of high polymers. p.523.
Dogadkin, B.A., and others. - Reinforcement of rubber in latex. p.528.
Zavorokhina, N.A., Ben'kovskii, V.G. - Adsorption of carboxymethylcellulose on clays. p.536.
Ivanova-Chumakova, L.V., Rebinder, P.A. - Laws governing the development of the high elastic shear and the relaxation of stress in elastomers and their solutions. p.540.
Kolbanovskaia, A.S. - Application of the luminescence microscope and of radioactive isotopes in determining the extent of bitumen surface coating. p.547.
Kucher, R.V., Urzhenko, A.I. - Rate of decomposition of cumene hydroperoxide in aqueous solutions of emulsifying agents. p.555.
Lipatov, S.M., Il'inshuk, N.D. - Influence of vacuum on the sorption of dyes on fibers. p.562.
Mel'nikov, B.N., Voryganov, P.V. - Diffusion of direct dyes into cellulose fibers. p.566.
Merzhanov, K.M., Petertmova, N.I., Smirnov, N.S. - Effect of air ionization on the disperse phase of aerocolloids. p.574.
Mikhailov, N.V., Tokareva, L.G., Klimenkov, V.S. - Studies on the kinetics and mechanism of the thermal decomposition of chlorinated vinyl polymers. Part 1. Procedures and the results for polyvinyl chloride. p.578.
Pavlovskaia, T.E., Pasynskii, A.G. - Protective action of some substances in the irradiation of protein solutions. p.593.
Rufimskii, P.V. - Study of the aluminum hydroxide hydrosol. Part 3. The effect of sodium chloride and ethyl alcohol on the mechanical properties of the aluminum oxide sol. p.599.
Samsonov G.V. - Effect of degree of swelling of ion exchange resins on ionic sorption selectivity of aureomycin, terramycin and streptomycin ions by cationic resins. p.592.
Tokareva, L.G., Mikhailov, N.V., Klimenkov, V.S. - Studies on the kinetics and mechanism of the thermal decomposition of chlorinated vinyl polymers. Part 2. Results for polyvinylidene chloride, copolymer of vinylidene chloride and vinyl chloride and chlorinated polyvinyl chloride. p.597.
Fradkina, E.M., Khmurin, S.F. - Time dependence of the dielectric constant of emulsions. p.604.
Shalyt, S.IA., Mikhailov, N.V. - Temperature dependence of the flow curves and of the viscous properties of bitumens. p.609.
Shcherbatenko, V.V., Smirnova, V.V. - Structural changes of some porous colloidal materials in the process of drying. p.615.
IAmpol'skii, B.IA. - Study of the formation of structure in concentrated suspensions. p.621.
Bartenev, G.M. - Some problems on the external friction of rubber. p.626.
Lipatov, S.M. - On the monograph "Chromatographic analysis; introduction to the theory and practice" by F.M.Shemiakin, E.S.Mitselovskii, D.V.Romanov. p.632.

REFERATIVNYI ZHURNAL: KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 24(1), 1955.

Contents:

[Author and patent index for 1955] Avtorskii i patentnyi ukazateli za 1955 g. 496 p.

No. 18, Sep. 1956.

Contents:

[Abstracts] Referaty 57075-60608. 507 p.

No. 19, Oct. 1956.

Contents:

[Abstracts] Referaty 60609-64058. 503 p.

USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 25, no. 9, Sep. 1956.

Table of contents translated:

Maslov, P.G. - Molecular vibration and thermodynamic properties of organic compounds. p.1069.
Addison, C.C., Lewis, J. - Chemistry of the nitrosyl group (NO). p.1120.
Moryganov, P.V., Mel'nikov, B.N. - Thermodynamics of the dyeing processes. p.1149.
Zhdanov, IU.A. - Carbon-carbon derivatives of carbohydrates. p.1165.
TSyperovich, A.S. - Denaturation of globular proteins. p.1173.
Reviews published in foreign periodicals. p.1194.

ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 30, no. 7, July 1956. [With English summaries in insert.]

Table of contents translated:

Pospelova, I.N., Rakov, A.A., Pshezhetskii, S.IA. - Electrochemical investigation of surface compounds of oxygen on silver. p.1433.
Palatnik, L.S. - Application of the generalized center of gravity law in the study of multicomponent eutectic alloys. p.1438.
Rozlovskii, A.I. - Combustion of nitric oxide - hydrogen mixtures. Part 2. Mechanism of the reaction in the flame. p.1444.
Krichmar, S.I., Shapunov, L.A., Galushko, V.P. - Differential capacity of copper anodes in $H_3PO_4$. p.1452.
Frumkin, A.N., Iofa, Z.A., Gerovich, M.A. - Potential difference at the water - air interface. p.1455.
Nakhodnova, A.P. - Electroconductivity of the oxides of Group II in Mendeleev's periodic system. p.1469.
Bogdanov, G.A., Rubinshtein, B.E. - Kinetics of the catalytic decomposition of hydrogen peroxide by the combined action of copper sulfate and potassium chromate. p.1473.
Gorbachev, S.V. - Calculation of concentration polarization in nonsteady state electrolysis. p.1484.
Izmailov, N.IA., Vasil'ev, A.G. - Investigation of the glass electrode by the radioactive indicator method. Part 2. Behavior of the glass electrode in the alkaline region. p.1509.
Gritsenko, T.M., Medvedev, S.S. - Kinetics and mechanism of polymerization initiated by redox systems. Part 2. Polymerization in aqueous solution of methacrylic acid and acrylonitrile in the presence of certain redox systems. p.1513.
Podviazkin, IU.A., Shlygin, A.I. - Study of the reduction and electroreduction of allyl alcohol on platinized platinum. p.1521.
Umanskii, IA.S., Samsonov, G.V. - Certain crystallochemical properties of the silicides of the transition elements. p.1526.
Komskaia, N.F., Slonimskii, G.L. - Mutual solubility of polymers. Part 1. Physicomechanical properties of vulcanized rubbers obtained from combinations of various rubber hydrocarbons. p.1529.
Markov, B.F. - Calculation of the thermodynamic constants of unsaturated halides from the EMF's and the temperature coefficients of chemical and Daniell-Jacobi cells. p.1537.
Kornev, IU.V., Vintaikin, E.Z. - Investigation of the sublimation of silver by radioactive indicator method and with the aid of a mass spectrometer. p.1540.
Lutskii, A.E. - Parchor as criterium for the structure and state of the molecule. p.1547.
Zebreva, A.I., Kozlovskii, M.T. - Electrochemical study of copper-zinc amalgams. p.1553.
Kadaner, L.I. - Analytical method for calculating current distribution on electrodes. p.1560.
Solov'eva, Z.A., Abrarov, O.A. - Effect of solution acidity on cathodic polarization during the electrodeposition of cobalt and nickel. p.1572.
Dolov, M.A. - Surface tension of glass at the softening temperature. p.1579.
Gokhshtein, IA.P. - Electrolyte diffusion and the polarographic method. Diffusion coefficients of lead and cadmium ions in aqueous solutions containing various amounts of KCl and $KNO_3$ and $D_{Cd^{++}}$ in 0,1 $MH_2SO_4$. Verification of Shevchik's equation for maximum current of the oscillographic wave. p.1584.
Shigorin, D.N., Mikhailov, N.V., Klueva, D.A. - Investigation of polypeptide chain structure by the infra-red absorption spectra method. p.1591.
Savvina, IA.D., Velikovskii, A.S. - Liquid-vapor equilibrium in the binary systems of methane with different classes of hydrocarbons. p.1596.
Efimov, E.A., Lagaryshev, A.N. - Effect of the degree of oxidation of the platinum anode on the rate of electrochemical oxygen evolution in sulfuric acid solutions. p.1606.
Eremin, E.I., Mal'tsev, A.N. - Stationary concentrations of nitric oxide in the discharge. Part 1. Experiments with a wide air-containing vessel. p.1615.
Fridlander, I.N., Konstantinov, V.A., Zaitseva, N.I. - Investigation of the lattice constants of aluminum-manganese alloys following various kinds of thermal treatment. p.1623.
Starobinets, G.L. - Sorption of binary solutions by natural and synthetic rubber vulcanizates. Part I. Apparent sorption isotherms. p.1626.
Balandin, A.A., Tolstopiatova, A.A. - Kinetic determination of bond energies as an approach to the theory of the selection of catalysts. Part 2. Comparison of results with chromia. p.1636.
Varshavskii, IA.M., and others. - Determination of the distribution coefficient of deuterium in isotopic hydrogen exchange between naphthalene and deuterium bromide. p.1647.
Dubinin, M.M. - Studies of the porous structure of solids by sorption methods. Part I. Analysis of various methods for calculating the pore volume distribution. p.1652.
Panchenkov, G.M., Moiseev, V.D. - Concentrating the $C^{13}$ and $O^{18}$ isotopes in carbon monoxide by the thermal diffusion method. p.1662.
Bushmanov, B.N. - Serial production of monocrystals from melts. p.1668.
TSiklis, D.S. - Method of investigating gaseous oxygen reactions at pressures up to 5000 atm. p.1670.
Antipin, L.N., Kholmanskikh, IU.B., Vazhenin, S.F. - Polarograph for automatically recording polarization curves in molten salts. p.1672.
Nikolaeva, N.V., Damaskin, B.B. - Mechanism of the effect of alkali metal ions on the electrodeposition of copper. p.1676.
Pavliuchenko, M.M. - Reply to P.I. Bel'kevich on his "Critical Remarks." p.1678.
Bobovich, IA.S., Tulub, T.P. - Some new data on the Raman spectra of two-component glasses. p.1679.
Akhumov, E.I., Rozen, B.IA. - "Handbook of experimental data on the solubility of multicomponent water and salt systems." p.1681.
From the Committee on Chemical Nomenclature of the Department of Chemical Sciences of the Academy of Sciences of the U.S.S.R. p.1684.

ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 7, July 1956.

Table of contents translated:

Ormont, B.F. - Present theory of the chemical compound and certain fundamental laws in chemistry. p.1457.
IAnat'eva, O.K. - Characteristics of dolomite solubility in water and in calcium sulfate at various fractional pressures of $CO_2$. p.1473.
Voskresenskaia, N.K. - Thermodynamics of salts at high temperatures. p.1479.
Luzhnaia, N.P., Evseeva, N.N., Vereshchetina, I.P. - Physical properties of salt melts and the nature of their structural particles. p.1490.
Beliaev, I.N. - Exchange decomposition in melts and the character of chemical bonds. p.1501.
Chepelevetskii, M.L., and others. - Rate of solution for minerals as a property of multicomponent salt systems. p.1512.
Zvorykin, A.IA., Perel'man, F.M. - Physicochemical principles in the production of a new form of chlorine-free concentrated fertilizers. p.1523.
Gudtsov, N.T., Gavze, M.N. - Effect of ultrasonic vibrations on processes occurring in alloys. p.1533.
Bondar', I.A. - Liquation in the ternary system CaO - BaO - $SiO_2$. p.1539.
Butuzov, V.P., Gonikberg, M.G. - Determination of the melting point of certain metals at ultrahigh pressures. p.1543.
Kuznetsov, V.G. - X-ray analysis at high and low temperatures. p.1548.
Il'in, B.V. - Nature of molecular interactions in adsorption. p.1559.
Samarin, A.M., Kulikov, I.S. - Thermodynamics of the desulfurization of cast iron. p.1566.
Gurevich, M.A., and others. - Variable-composition phases in the chemistry of carbides. p.1578.
Resolution of the 3d All-Union Conference on Physicochemical Analysis. p.1579.
Makarov, E.S. - Determination of the concept of a chemical compound and the general classification of chemical compounds. p.1583.
Resolution of the Conference on the Determination of the Concept of the Chemical Compound. p.1597.
Bokii, G.B. - Theory of daltonides and berthollides. p.1599.
Makarov, S.Z., Grigor'eva, N.K. - Preparation of calcium superoxide. p.1607.
Pliushchev, B.E., Markina, I.B., Shklover, L.P. - Diagrams of phase conversions in binary systems formed by rubidium and cesium nitrates with strontium and barium nitrates. p.1613.
Toropov, N.A., Grebenshchikov, R.G. - "Model" systems $Rb_2BeF_4$ - $Na_2BeF_4$ and $Ba_2SiO_4$ - $Ca_2SiO_4$. p.1619.
Bakumskaia, E.L., Bergman, A.G. - Ternary system of lithium, sodium, and cadmium sulfates. p.1629.
Levina, M.E., and others. - Thermal and X-ray phase analysis of the system: $K_2BeF_4$ - $K_2SO_4$. p.1638.
Tovmas'ian, I.K. - Thermographic study of melts of salts and metals. p.1642.
Morozov, I.S., Korshunov, B.G., Simonich, A.T. - Thermal and tensimetric study of systems: $TaCl_5$ - $AlCl_3$ - NaCl - NaCl and $NbCl_5$ - $AlCl_3$ - NaCl. p.1646.
Menkovskii, M.A., and others. - Reciprocal solubility of bromine, hydrobromic acid and water. p.1658.
Ilkina, L.S., Kokhova, V.F. - Solubility isotherm of the system $2N^+$, $2K^+ \parallel CO_3^{2-}$, $SO_4^{2-}$ + $H_2O$ at 150°. p.1665.
Nikolaev, N.S., Buslaev, IU.A. - Study of the solubility in the system HF - $I_2O_5$ - $H_2O$ (isothermal). p.1672.
Starik, I.E., Alekseenko, N.I. - Radiography for the study of the state of radioelements in diluted solutions. p.1676.
Rudenko, N.P. - Methods for the separation of radioactive isotopes without a carrier. p.1681.
Volkind, I.IA. - "Hydrogen peroxide" W. Schmidt, C. Satterfield, R. Wentworth. p.1687.
Ellert, G.V., Shcholokov, R.N. - "The actinide elements" by G.T. Seaborg, J.J. Katz. p.16[illegible].

Vol. 1, no. 8, Aug. 1956.

Table of contents translated:

Shchukarev, S.A., and others. - Thermal dissociation of chromium bromide and chloride. p.1697.
Fomin, V.V., Maiorova, E.P. - Determination of stability constants for $Th(NO_3)_x^{4-x}$ ions by extraction with tributyl phosphate. p.1703.
Berger, I.I., Sevast'ianov, N.G., Patrina, L.N. - Tungsten oxides. p.1713.
Kovalenko, P.N. - Use of a polarograph for the determination of the pH of the initial precipitation of manganese hydroxide and of its solubility product. p.1717.
Zinov'ev, A.A., Chudinova, L.I. - Thermal decomposition of magnesium, calcium, barium, and ammonium perchlorates. p.1722.
Gogorishvili, P.V., Karkarashvili, M.V., TSitsishvili, L.D. - Bivalent cobalt complex compounds with hydrazine and hydrazinecarboxylic acid. p.1731
Gol'braikh, Z.E. - Certain properties of copper $\sim$-alaninate. p.1739.
Gil'dengershel', Kh.I. - Methods for the synthesis of certain diamines of bivalent platinum of the type $\begin{bmatrix} a \\ a \end{bmatrix} Pt \begin{matrix} Cl \\ Cl \end{matrix}$. p.1745.
Strotkin, G.D. - Absorption of nitric oxide by aqueous ammoniacal solutions of bivalent cobalt salts. p.1750.
Nazarenko, IU.P., Khaimovich, R.S. - Argentometric determination of the composition of green chromium bromide. p.1759.
Nisel'son, L.A., Ivanov-Emin, B.N. - Products of the interaction of zirconium and hafnium tetrachlorides with phosphorus oxychloride. p.1766.
Spitsyn, V.I., Lapitskii, A.V. - Thermography of the interaction of niobium pentoxide with sodium hydroxide. p.1771.
Lapitskii, A.V., and others. - Thermographic and radiographic study of the dehydration of sodium and potassium niobates. p.1776.
Pchelkin, V.A., and others. - Thermography and radiography of the dehydration of hexaniobates of certain bivalent metals. p.1784.
Spitsyn, V.I., Torchenkova, E.A. - Study of the conversions of p-tungstate ion in solutions with the aid of a mixed sodium-cesium salt. p.1794.
Degtiarev, V.F., Darienko, E.P. - Study of the interaction of normal sodium tungstate and 8-oxyquinoline hydrochloride in an aqueous solution by conductometric titration. p.1798.
Savchenko, G.S., Goncharov, E.V. - Study of the interaction of gallium chloride with tartaric acid and its sodium salts. p.1804.
Tananaev, I.V., Mzareulishvili, N.V. - Study of the formation of silver hydroxide. p.1826.
Palkin, A.P., Cheparko, G.P. - Reactions of salts with metals in melts. Interaction of CuCl with zinc. p.1832.
Smirnov, M.V., Ivanovskii, L.E. - Interaction of thorium oxide with its chloride in salt melts. p.1843.
Zinov'ev, A.A., Chudinova, L.I., Smolina, L.P. - Binary system: sodium perchlorate - barium perchlorate. p.1850.
Urazov, G.G., Lobchikov, V.S., Lipshits, B.M. - Viscosity and static shearing stress of alkali alloys containing sodium antimonate or arsenate. Contribution to alkaline refining of lead. p.1857.
Voskresenskaia, N.K., Berul', S.I. - Thermal stability of easily fusible mixture of sodium and potassium nitrites and nitrates. p.1867.
Gorenbein, E.IA. - Study of complexing in solutions of ternary systems with the aid of physicochemical analysis. Part 6. System: $AlBr_3$ - $C_6H_5NO_2$ - $C_2H_5Br$. p.1877.
Sheveleva, A.D. - Reciprocal solubility in the system ammonium bichromate - ammonium sulfate - water. p.1883.
Shevchuk, V.G., Loposhkov, I.N. - Solubility isotherm of the quaternary system: $Na_2SO_4$ - $ZnSO_4$ - $(NH_4)_2$ - $H_2O$ at 35°. p.1886.
Paramonova, V.I., Kolychev, V.B. - Study of the state of radioniobium in nitrate solutions by means of ionic exchange and dialysis. p.1896.
Paramonova, V.I., Voevodskii, A.S. - Study of the state of zirconium in nitrate and sulfate solutions by means of ionic exchange. p.1906.
Korshunov, I.A., Lebedeva, Z.M. - Isotopic exchange of iron atoms in prussian blue. p.1912.
Filinov, F.M., Budanova, V.F. - Study of the solubility of cobalt pyrophosphate in water, hydrochloric and sulfuric acids, and in sodium pyrophosphate solutions. p.1915.
Bokii, G.B., Anikin, I.N. - Radiochemical determi-

nation of the solubility of scheelite ($CaWO_4$) in water and in aqueous solutions of NaCl and LiCl. p.1926.
Medoks, G.V., Maslova, L.A. - Preparation of phosphorus tribromide. p.1929.
Gurovich, E.I. - "Hafnium"; collection of articles from foreign periodicals edited by L.N. Komissarova. p.1931.
Vol'nov, I.I. - "Hydrogen peroxide" by W.Schumb, C.N. Satterfield, R.L. Wentworth. p.1932.

ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 26, no. 9, Sep. 1956.
Table of contents translated:
Arilia, S.M., Zaslavskii, A.I., Matveeva, I.I. - Chemistry of the compounds of a variable composition. Part 4. System tantalum - selenium. p.2373.
IAtsimirskii, K.B. - Lattice energy of salts with polyatomic ions. p.2376.
Mustafin, I.S., Kashkovskaia, E.A. - Quantitative characteristics of the auxochrome activity of elements (cations). p.2381.
Popov, M.M., Kolesov, V.P. - Determination of the real heat capacity of solids at low temperatures. p.2385.
Il'iasov, I.I., Bostandzhiian, A.K. - Irreversible-reciprocal system of sodium and lead chlorides and iodides. p.2393.
Bokhovkina, IU.I. - Study of the density and viscosity of binary systems formed by urea with acetic acid and its chlorine derivatives. p.2399.
Kovalenko, K.N., Trifonov, N.A., Tissen, D.S. - Physicochemical study of the system: water - acetic anhydride - dioxane. p.2404.
Usanovich, M., Pichugina, E. - Tin-chloride complexing with certain phenol derivatives. p.2410.
Usanovich, M., Pichugina, E. - Viscosity and density of the system: stannic chloride - anisole. p.2415.
Andrianova, T.I., Roginskii, S.Z. - Study of primary stages in the catalytic cracking of paraffins on an aluminosilicate catalyst in relation to the effect of small additions. p.2418.
IAkubchik, A.I., Sorokina, N.I. - Study of the chemical structure of divinyl thermopolymers. p.2421.
Rudakov, G.A., Shestueva, M.M. - Mechanism of the heterogeneous catalytic isomerization of hydrocarbons on acidic catalysts. p.2426.
Kiebanskii, A.L., Markin, V.V., Chevychalova, K.K. - Synthesis based on 2,4-dichlorobutene-2. Synthesis of acyanamide derivative of a secondary amine and of its derivatives. p.2433.
Lebedeva, A.I., Gavrilova, L.A., Serdobintseva, T.B. - Reactions of the methyl ester of methacrylic acid with magnesium organic compounds. Part 2. Effect of methylmagnesium bromide and ethylmagnesium bromide on methyl methacrylate. p.2436.
Khonokh, M.A., Lapinskaia, E.M. - Effect of ultrasound on aqueous solutions of aromatic hydrocarbons. p.2439.
Gorin, IU.A., Sergicheva, G.A. - Study of the reactions of acetic acid anhydride as affected by certain solid catalysts. Part 1. Conversion of the acetic anhydride and of its mixtures with water on S.V. Lebedev's catalyst. p.2444.
Petrov, A.A., Sopov, N.P. - Research in the field of conjugate systems. Part 67. Condensation of propargylic aldehyde with 2-halo- and 2-alkoxybutadienes. p.2452.
Venus-Danilova, E.D., Fabritsy, A. - Study of conversions pinacones with substituted acetylenic radicals. Part 13. Effect of mercury salts on asymmetric methyl-diphenyl-phenylacetylenylethylene glycol and trimethyl-phenylacetylenylethylene glycol. p.2456.
Razumov, A., Mukhacheva, O. - Research in the series of derivatives of alkylphosphinous and dialkylphosphinic acids. Part 4. Reactions of addition and isomerization of esters of alkylphosphinous acids. p.2463.
Kamai, Gil'm, Chadaeva, N.A. - Cyclic esters of ethylarsinous acid. p.2466.
Chuganov, V.S. - Interaction of triphenylfluosilane and triphenylchloromethane with diphenylamine in the presence of lithium. p.2474.
Tiniakova, E.I., and others. - Role of redox systems in sulfuric vulcanization. p.2476.
Kost, A.N., Stupnikova, N.I. - Reduction with formic acid and its derivatives. Part 6. Synthesis of N-cycloalkylethanolamines. p.2485.
Poral-Koshits, B.A., Muravich, Kh.L. - Structure of the products of alkaline treatment of quaternary salts of benzimidazol derivatives. p.2487.
Kochergin, P.M. - Research in the imidazole series. Part 5. Effect of phosphorus oxychloride, acetic acid, and phosphoric acid on 2-(3-ketoalkyl-(aryl)-mercaptoimidazoles. p.2493.
Zasosov, V.A., Metel'kova, E.I., Milovanova, S.N. - Preparation of p-oxyphenylphenothyl ketone and of some of its ethers and homologs. p.2499.
Klebanskii, A.L., Fikhtengol'ts, V.S. - Research in the synthesis of silicon organic compounds. Part 1. Mechanism of the reaction between methyl chloride and silicon in the presence of copper. p.2502.
Valiashko, N.A., Romazanovich, N.P. - Absorption spectra and structure of benzene derivatives. Part 20 Spectrographic study of p-aminobenzenesulfonic acid and of its derivatives. p.2509.
Valiashko, N.A., Cheshko, F.F., Romazanovich, N.P. - Absorption spectra and structure of benzene derivatives. Part 21. p-dimethylaminobenzenesulfonic acid and its methyl ester. p.2516.
Litvinenko, L.M., and others. - Synthesis of certain halide containing amino- and nitro derivatives of divinyl. p.2524.
Razuvaev, G.A., Osanova, N.A. - Pentaphosphenyl. p.2531.

Portnaia, B.S., and others. - Research in azomethane dyes. Part 1. Color of certain indoaniline dyes, derivatives of α-naphthol, containing substituents in the naphthalene ring. p.2537.
Turitsyna, N.F., and others. - Research in azomethane dyes. Part 2. Indoaniline dyes, derivatives of 1,2-oxynaphthoic acid anilide. p.2546.
TSvetkov, N.A., Konyshev, V.A. - Reaction of glycol with phosphomolybdic acid. p.2555.
Dudkin, M.S., Gol'dshtein, E.M. - Hydrolysis of adipic and sebacic acid polyanhydrides. p.2559.
Shulkin, N.I., Erivanskaia, L.A., Kontsova, V.V. - Conversion of phenol ethers during catalytic hydrogenation. p.2562.
Kosheleva, G.N. - Preparation of the fluorescent indicator: 4-ethoxyacridone. p.2567.
Vladimirova, I.L., Mel'nikov, N.N. - Organic insectofungicides. Part 21. Synthesis of mixed esters of dithiophosphoric acid. p.2569.
Bakanova, Z.M., Mandel'baum, IA.A., Mel'nikov, N.N. - Organic insectofungicides. Part 22. Interaction of dialkylchlorothiophosphates with p-nitrophenol in the presence of pyridine hydrochloride. p.2575.
Mel'nikov, N.N., and others. - Organic insectofungicides. Part 23. Preparation of dialkylchlorothiophosphates. p.2577.
Vol'fson, L.G., and others. - Organic insectofungicides. Part 24. New method for the preparation of halo phenyl esters of sulfonic acids. p.2579.
Mandel'baum, IA.A., Mel'nikov, N.N., Lomakina, V.I. - Organic insectofungicides. Part 25. Synthesis of mixed esters of thiophosphoric acid. p.2581.
Postovskii, I.IA., Vereshchagina, N.N. - Heterocyclic compounds obtained from hydrazides. Part 1. 1,3,4-triazolothiones. p.2583.
Vereshchagina, N.N., Postovskii, I.IA. - Heterocyclic compounds obtained from hydrazides. Part 2. 2,5-substituted derivatives of 1,3,4-thiadiazoles. p.2588.
Berdinskii, I.S., Petiunin, P.A. - Substituted hydrazides of oxycarboxylic acids. Part 1. Synthesis of arylhydrazides of diarylglycolic acids. p.2592.
Gol'dfarb, IA.L., Fabrichnyi, B.P., Shalavina, I.F. - Synthesis of amino acids of the aliphatic series from thiophene derivatives. Part 1. Synthesis of α-amino acids. p.2595.
Kozlov, N.S., Panova, N.I. - Catalytic amination of organic compounds. Part 4. Amination of butyl alcohols. p.2602.
Kost, A.N., Granberg, I.I., Golubeva, G.A. - Reactions of hydrazine derivatives. Part 8. Cyclization of aidazines by alkyl halides. p.2604.
Spryskov, A.A., Starkov, S.P. - Study of sulfonation. Part 40. Quantitative determination of benzenedisulfonic acids. p.2607.
Kochetkov, N.K., Dudykina, N.V. - Synthesis of substituted derivatives of benzylamines and of N-benzyl-β-chloropropionamides. p.2612.
Kozlov, V.V. - Research in the anthraquinone series. Part 20. Hydrolysis of 1,5-anthraquinonedisulfonic acid. p.2617.
Moisarev, G.V., IAkubovich, A.IA. - Halogenation of aromatic silanes. Part 3. Preparation and property of chlorine and bromine derivatives of benzyltrichlorosilane. p.2622.
Kirsanov, A.V., Dorkach, G.I. - Esters of N-phosphoric acid, trichloroiminoacetic acid, and trioxyphosphazotrichloroacetyl ester. p.2631.
Zalukaev, L., Vanags, E. - Preparation of 2-nitromethylquinoline and of its derivatives. p.2630.
Kirsanov, A.V., Zimurova, I.N. - Acid chlorides and esters of urethanphosphoric acids. p.2642.

Bugai, P.M. - Ultraviolet and visible absorption spectra of triphenylamine and of its p-nitro derivatives in concentrated sulfuric acid. Part 2. p.2648.
Platonova, T.F., Kuzovkov, A.D., Sheinker, IU.N. - Study of alkaloids from Leontice Ewersmannii Bge. Part 4. Structure of the alkaloid taspine. p.2651.
Uksho, E.A., Lovin, A.I. - Composition of the pyrophosphate copper bath; discussion. p.2657.

e) MATHEMATICS

AKADEMIIA NAUK SSSR. Izvestiia. Seriia matematicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mathematical Series]. Moscow, vol. 20, no. 2, Mar.-Apr. 1956.
Table of contents translated:
Gel'fond, A.O. - Arithmetic analyticity equivalence of the Dirichlet's $L$-series on the line $Re\, s = 1$. p.145.
Kuznetsov, P.I., Stratonovich, R.L. - Mathematical theory of correlated random points. p.167.
Ivashev-Musatov, O.S. - Fourier - Stieltjes coefficients of singular functions. p.179.
Stechkin, S.B. - Best approximation of conjugate functions by means of trigonometric polynomials. p.197.
Cakhov, F.D., Krikunov, IU.M. - Topological methods in the theory of functions of complex variables and their application in inverse boundary problems. p.207.
Krasnosel'skii, M.A. - One boundary value problem. p.241.
Smirnov, IU.M. - Strongly paracompact spaces. p.253.
Khukhunaishvili, G.E. - Continuous images in Hilbert space. p.275.

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.
Contents:
[Abstracts] Referaty 7038-7813. 150 p.

No. 11, Nov. 1956.
Contents:
[Abstracts] Referaty 7814-8480. 120 p.

USPEKHI MATEMATICHESKIKH NAUK [PROGRESS IN THE MATHEMATICAL SCIENCES]. Published by Moskovskoe matematicheskoe obshchestvo [Moscow Mathematical Society]. Moscow, vol. 11, no. 4(70), July-Aug. 1956.
Table of contents translated:
Akhiezer, N.I. - Weighted approximation of continuous functions by polynomials on the entire real axis. p. 3.
Solodovnikov, A.S. - Projective transformations of Riemann spaces. p. 45.
Cherniaev, M.P., and others. - Nikolai Mikhailovich Nestorovich; obituary. p. 117.
Bredikhin, B.M. - Example of a finite homomorphism with a bounded summatorial function. p. 119.
Vil'ner, I.A. - Stereoscopic nomography and solution of the problem of general anamorphosis in N-dimensional space. p. 123.
Il'in, V.P. - Generalization of an integral inequality. p. 131.
Liubovin, V.D. - Spectral expansion of self-adjoint operators. p. 139.
Pekelis, A.S. - Lattice isomorphisms of groups with a finite rational series. p. 143.
Polak, A.I. - Mechanism of uniform approximations in a domain of continuous mappings of compacts. p. 149.
Slobodetskii, L.N., Khramov, M.I. - Uniqueness of the solution for the Cauchy problem for quasilinear symmetric systems of differential equations. p. 155.
Tumarkin, G.TS. - Integrals of the Stieltjes-Cauchy type. p. 163.
Shirokov, F.V. - Proof for the Kaplansky hypothesis. p.167.
Sessions of the Moscow Mathematical Society. p. 169.
Pontriagin, L.S., Mishchenko, E.F. - Pavel Sergeevich Aleksandrov; on the occasion of the 60th anniversary of his birth and the 40th anniversary of his scientific activities. p. 183.
Kantorovich, L.V., Faddeev, D.K. - Isidor Pavlovich Natanson; on the occasion of the 50th anniversary of his birth. p. 193.
Markushevich, A.I., IAnovskaia, S.A. - Adol'f Pavlovich IUshkevich; on the occasion of the 50th anniversary of his birth. p. 197.
Sessions of the Leningrad Municipal Mathematical Seminar. p. 201.
Stoilov, S. - Mathematical studies in Rumania. p. 207.
Efimov, N.V. - "Course in differential geometry" by A.V. Pogorelov. p. 227.
Gaiduk, IU.M. - "Bernhard Bolzano" by E.Kol'man. p. 229.
New mathematical publication. p. 231.
To the article of IU.V. Linnik "Information about the journal "Review of Leningrad University,'" (Usp. mat. nauk 11 no. 1, 1956). p. 232
Correction to the article of L.V. Kantorovich "Integral operators" (Usp. mat. nauk. 11, no. 2, 1956). p. 232
Correction to the article of R.I. Kirishcheev "A theorem of Mordukhai-Boltovskii" (Usp. mat. nauk 11, no. 1, 1956). p. 232

f) PHYSICS

AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin Physical Series]. Moscow, vol. 20, no. 7, July 1956.
Table of contents translated:
Il'ina, V.A., and others. - Effect of heat and mechanical treatments on the thermal factor of X-ray scattering by solid solutions. p.723.
Ivoronova, V.I., Zviagina, A.P. - On the intensity of X-ray scattering by solid solutions. p.729.
Shivrin, O.N. - X-ray examination of the structural changes of steel surface layers machined by grinding. p.736.
Poral-Koshits, M.A. - Differential Fourier synthesis computed on electronic machines in order to redefine the structural parameters of nickel amminothiocyanate and cesium chlorocobaltate (II) crystals. p.740.
Kasatochkin, V.I., Razumova, L.L. - X-ray analysis of the molecular structure of coal and coke. p.751.
Ostapchenko, E.P. - Using X-ray analysis for investigating oxide-coated cathodes. p.755.
Ruchkina, V.D. - X-ray analysis of the correlation between the structure of palladium catalysts, the conditions of electric supply, and the heat treatment. p.761.
Erenburg, B.G. - Feasibilities of using X-ray analysis of polycrystals in geological investigations. p.764.

Blokhin, M.A. - Advances in X-ray spectroscopy in the field of investigating matter. p.770.
Narbatt, K.I. - Characteristics of the fine structure of the K-absorption edge of germanium halide molecules. p.780.
Vainshtein, E.E., Staryi, I.B., Bril', M.N. - Emission lines of the K-series of X-ray spectra of titanium in metals and in some dielectric materials. p.784.
Kotlar, B.I. - Fluorescent method for investigating the asymmetry and breadth of the $K_{\alpha_1}$ line of copper and manganese atoms in Heusler alloys. p.790.
Efremov, A.I., Tiutikov, A.M. - Recording X-ray vacuum spectrograph (for the 20 - 300 A° range). p.794.
Staryi, I.B. - Universal X-ray vacuum tubular spectrograph. p.793.
Beliaev, L.M., and others. - Using luminescent counters for recording X-ray spectra. p.801.
Blokhin, M.A., Timofeeva, E.V., Chukhlov, G.Z. - Determining diffusion coefficients by means of secondary X-ray spectra. p.809.
Karal'nik, S.M., and others. - X-ray spectroscopy of alloys in connection with their magnetic properties. p.811.
Karal'nik, S.M. - X-ray spectra and interatomic bonds in alloys. p.815.
Sereda, T.M. - Radial distribution method used for the interpretation of diffraction patterns obtained from condensated amorphose solids. p.820.
Mal'tsev, M.V., Chistiakov, Iu.D., TSypin, M.I. - Electron diffraction examination of oxide films formed on liquid aluminum and on its alloys. p.824.
Rumsh, M.A., Zimkina, T.M. - Mechanism of texture formation in layers condensated on a neutral backing. p.827.
Batrakov, V.P., Ponizovskaia, I.A. - Electron diffraction examination of the characteristics of passive films. p.830.
Vertsner, V.N. - Electron diffraction examination using the EM-3 electron microscope. p.834.
Bagdyk'lants, G.O. - Sector method used in electron diffraction examination. p.838.
Gurevich, M.E. - On a simple method of observing the photoionization effect of X rays at atmospheric pressure. p. 843.
Ignat'ev, N.A. - Instrument for measuring and comparing Debye crystallograms. p.845.
Rovinskii, B.M., Liuttsau, V.G., Avdeenko, A.I. - Needlelike X-ray microprojector. p 848.
Rovinskii, B.M., Liuttsau, V.G. - Camera obscura for X-ray shadow microscopy. p.853.

AKADEMIIA NAUK SSSR. Fizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physics. Transactions]. Moscow, vol. 7, 1956.

Table of contents translated:

Anikina, L.I. - Effect of the glimmering action of the exciting light on the photoluminescence yield of crystal phosphors. p.3.
Rzhanova, E.S. - On the recombination mechanism of the luminescence of crystal phosphors. p.47.
Tunitskaia, V.F. - Effect of the interaction of activators on the luminescent properties of CaS-Bi, Mn phosphors. p.107.
Sobolev, N.N. - Optical methods of measuring flame temperatures. p.159.

AKADEMIIA NAUK SSSR, Geofizicheskii institut, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geophysical Institute, Transactions]. Moscow, no. 32(159), 1956. Voprosy izucheniia peremennykh elektromagnitnykh polei v zemle [Problems in studying variable electromagnet fields in the earth].

Table of contents translated:

Chetaev, D.N. - Calculating irregular electromagnetic fields in heterogeneous media. p.3.
Troitskaia, V.A. - Short-period disturbances of an electromagnetic field of the earth. p.26.
Nikitina, V.N. - Anomalous variations of electromagnetic fields over cylindrical heterogeneities. p.62.

No. 33(160), 1956. Statisticheskie metody v meteorologii [Statistical methods in meteorology].

Table of contents translated:

Monin, A.S. - Semiempirical theory of turbulent diffusion. p.3.
Krechmer, S.I. - Variability of wind direction. p.48.
Chaplygina, A.S. - Twenty-four hour changes of thermobaric fields in the free atmosphere. p.60.

ALMA-ATA. KAZAKHSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [KAZAKH SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Leningrad, no. 2, 1954.

Table of contents translated:

Preface. p.3.
Korovin, V.I. - Forecasting spring floods in mountain streams while lacking snow surveys and high-mountain stations. p.4.
Kopyt, A.D. - Relation of spring soil moisture reserves to fall-winter meteorological conditions in Kazakhstan. p.9.
Bezverkhnii, Sh.A. - Some characteristics of ultraviolet transmission in the atmosphere. p.23.
Gel'mgol'ts, N.F. - Some considerations regarding the classification of clouds. p.32.
Bezverkhniaia, R.TS., Gel'mgol'ts, N.F. - Practical analysis of the coefficient of eddy viscosity in the free atmosphere. p.40.
Ortova, R.T. - Adequacy of the number of observations for obtaining the mean temperature of prescribed accuracy in aerology. p.45.
Gel'mgol'ts, N.F. - Improved and accelerated processing of aerological observations. p.52.

FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 16, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Fedynskii, V.V. - International Geophysical Year. p.3.
Aven, O.I., Domanitskii, S.M. - Magnetic amplifiers. p.12.
News of Soviet science and technology. p.15.
Izrailev, G.M. - Reviewing in the 10th class. p.19.
Terent'ev, M.M. - Teaching the topic "Heat engines" in the 7th class. p.23.
Bludov, M.I. - What physics problems on technical topics should be like. p.26.
Pospelov, N.N. - Solving problems on heat balance equations. p.32.
Kats, TS.P. - Control of laboratory exercises. p.36.
Margulis, S.B. - School excursion to the LPU-1 steam power plant. p.38.
Weiss, Horst. - Teaching of physics in the German Democratic Republic. p.44.
Reznikov, L.I., Shakhmaev, N.M. - Using engineering instruments and new materials in teaching physics. p.51.
Bezverkhii, V.D. - Experiments with fluids in motion. p.54.
Menshutin, N.F. - Three simple laboratory exercises. p.58.
Karavtsev, K.F. - Electron-tube oscillograph for schools. p.60.
Karasov, P.I. - Experiments with an electron-tube oscillograph. p.64.
Rachek, I.M. - Homemade oscillograph with three mirrors. p.66.
Useful advice. p.68.
Deriabin, V.M., Borisova, T.S. - From the experience of scientific and atheistic education in classroom instruction. p.71.
Kacas, O.J. - Correlation between the actual and amplitude values of electric current. p.74.
IUrov, S.I. - A few simple experiments. p.75.
Patrikeeva, N.A. - Experiments on self-induction. p. 76.
Ivanov, V.F. - Automatic slide projector. p.77.
Readers' suggestions. p.78.
Turyshev, I.K. - Problems on technical electrolysis. p.83.
Review and bibliography. p.84.
Correspondence with readers. p.91.
Brief news. p.92.

KRISTALLOGRAFIIA [CRYSTALLOGRAPHY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 1, 1956.

Table of contents translated:

From the editor. p. 3.
Belov, N.V., Tarkhova, T.N. - Chromatic symmetry groups. p. 4.
Kitaigorodskii, A.I. - Determination of the signs of structure amplitudes. p. 14.
Vainshtein, B.K. - Kinematic theory of electronogram reflection intensities. p. 17.
Porai-Koshits, M.A. - Derivation of practical formulas for electron densities and structure amplitudes from symmetry and antisymmetry properties of trigonometric functions. p. 27.
Bokii, G.B., Malinovskii, T.I., Ablov, A.V. - Structure of cobalt dihalo-diamines. p. 49.
Gribova, E.A., Zhdanov, G.S., Gol'dberg, G.A. - X-ray analysis of indigo and thioindigo. p. 53.
Zhdanov, G.S., Zvonkova, Z.V., Vorontsova, L.G. - X-ray analysis of methylene blues. p. 61.
Pinsker, Z.G., Kaverin, S.V. - Electronographic determination of the structure of iron carbide $Fe_4C$. p. 66.
Zvonkova, Z.V. - Crystallochemical study of the nature of donor-acceptor bond in boron complex compounds. p. 73.
Bokii, G.B., Batsanov, S.S. - New ionic refraction. p. 81.
Kapustinskii, A.F. - Proportional constancy and multiplicity as basic principle in crystallography and chemistry. p. 90.
Shubnikov, A.V. - Certain characteristics of thermal deformation in crystals. p. 95.
Zheludev, I.S. - Dielectric ellipsoids and dielectric-constant surfaces. p. 105.
Lemmlein, G.G., Dukova, E.D. - Study of the rate of growth of elementary layers of $\rho$-toluidine crystals. p. 113.
Chernov, A.A. - Tangential rates of growth of elementary layers on crystal surfaces. p. 119.
IAkovlev, I.A., Mikheeva, L.F., Velichkina, T.S. - Molecular light scattering and $\alpha \rightleftarrows \beta$ conversion of quartz. p. 123.
Belov, N.V., Tarkhova, T.N. - Strip methods for the computation of Fourier's syntheses in the structural analysis of crystals. p. 132.
Vainshtein, B.K. - Application of the convolute t to the derivation of the thermal-factor formu p. 137.
Aleksandrov, K.S. - Particular case of elastic w propagation in crystals. p. 136.
Bagdasarov, Kh.S., Kapustin, A.P. - Formation c etching traces by ultrasonic vibrations. p. 139
Batsanov, S.S. - Relation of melting points to ref tive indexes of ionic crystals. p. 140.
Ormont, B.F. - Possible formation of metal deute (hydride) structures with the retention of hydr molecules or atom pairs in the lattice. p. 142.

Vol. 1, no. 2, 1956.

Table of contents translated:

Pierre Curie; on the occasion of the 50th anniver of his death. p.147.
Vainshtein, B.K. - Kinematic theory of electron flection intensities. Part. 3. Texture and polyc tal electronographs. p.150.
Zasiavskii, A.I., Rogachev, D.L. - Determinati of the Laue class and orientation of an unfamilia crystal from a single photograph of a stationar crystal in a polychromatic beam. p.159.
Smirnova, N.L. - Structural types with higher ato densities. Possible structural types with $AlI_3$ composition. p.165.
Fesenko, E.G., Rumanova, I.M., Belov, N.V. - Crystal structure of zolbite. p.171.
Boldi, G.B., Khodashova, T.S. - X-ray analysis $InF_3 \cdot 3H_2O$. p.197.
Zhuravlev, N.N., Zlukanov, G.S. - Metallographic and X-ray analysis of germanium - rhodium alk p.205.
Semiletov, S.A., Pinsker, Z.G. - Electronograph study of the degree of perfection of germanium single crystals. p.209.
Zviagin, B.B. - Electronography of hydromica. p.214.
Distler, G.I. - Optical properties of new ultraviole polarizers. p.219.
Distler, G.I., Parvova, E.V. - Development and study of heat resistant polarizers. p.221.
Pozdniakov, P.G. - Growth of ethylenediamine tar trate crystals. p.226.
Belov, N.V., Tarkhova, T.N. - Nomographic calcu lation of structure factors. p.235.
Pinsker, Z.G., Orekhov, O.S., Miller, A.I. - Ele tronography of Bi - Sb alloys and of certain oxide of these elements. p.230.
Kamentsev, I.E. - Oriented crystallization of potas sium iodide and bromide on muscovite. p.240.
Zubov, V.G. - Simple method for the observation of phase transition in quartz single crystals. p.243.
Shubnikov, A.V. - Absence of a definite connection between the homologies of external crystal forms and the homologies of their optical indices. p.246
Porai-Koshits, M.A. - Use of calculating machines in X-ray analysis. p.246.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Organ of Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Leningrad, no. 8, Aug. 1956.

Table of contents translated:

An appeal of participants of the conference of the workers' activist group of the meteorological service of the U.S.S.R. to all engineers, scientists, observers, workers, and white collar workers of the Soviet Union meteorological service. p.3.
Kashin, K.I., Gritsenko, M.V. - Surface of zero pressure changes. p.9.
Shokhtman, A.N. - Salinity of the Sea of Azov water in connection with the change of its water balance. p.14.
Budagovskii, A.I., Savina, S.S. - Evaporation capacity of a surface with a vegetation cover. p.20.
Poliakova, E.A. - Range of visibility in a rainfall zone. p.23.
Dranevich, E.P. - Forecasting the development of advection fogs in Leningrad Province. p.28.
Borisova, L.G. - Macrosynoptic conditions of positive anomalies of the mean monthly air temperature in the European U.S.S.R. during May-October, 1954. p.28.
Doroshenko, F.D. - Roll of thunder. p.32.
Arkhipova, E.P. - Characteristics of the soil temperature in reclaimed swamps. p.32.
Oliferov, A.N. - Agrometeorological data on new methods of soil tillage for forest plantations in eastern Crimea. p.35.
Alekseev, G.A. - Adjustment of a local profile from conditions of congruence and a minimum number of cuts and fills, and determination of mean slopes of rivers. p.37.
Kotliarskii, I.A., Terterov, A.A. - Flash floods in the Kishchay and Shinchay Rivers. p.39.
Kurdina, T.N. - Analysis of the mean ten-day water temperature in Rybinsk Reservoir. p.40.
Fedorova, N.P. - Our experience of corn cultivation in the agrometeorological service. p.43.
Eremina, V.I. - Results of the hydrometeorological service in bridge construction over the Ob' River in Novosibirsk. p.45.
Chistiakov, G.E. - For efficiency in water measurement work on large rivers. p.46.

Letina, E. P. - Method of increasing the height of ascent of radiosondes. p. 48.
Skibko, N. E. - Free floating sampler. p. 50.
Afanas'ev, A. N., Mamontov, N. V. - Wavemeter rod in a fixed base. p. 52.
Tverskoi, P. N. - "Meteorological glossary " by S. P. Khromov, L. I. Mamontova. p. 53.
Literature on meteorology and hydrology for 1955 (to be continued). p. 57.
Khzmalian, K. A. - Important event in the activity of the hydrometeorological service. p. 61.
Anapol'skaia, L. E. - Interdepartmental conference on the study of wind conditions in the U. S. S. R. p. 65.
Bitsilli, V. M., Grinval'd, D. I. - Conference on problems of maximum stream flow. p. 66.
Zakharov, V. N. - Arctic conference. p. 67.

No. 9, Sep. 1956.
Table of contents translated:
Zolotukhin, A. A. - Directives of the 20th Congress of the Communist Party of the Soviet Union on the sixth five-year plan and tasks of the hydrometeorological service. p. 3.
Zubian, G. D. - Planetary frontal zone in the lower stratosphere. p. 12.
Berliand, T. G. - Zonal distribution of currents of total solar radiation entering the earth's surface. p. 22.
Veronisov, P. A. - Level of the development of convection movements in the atmosphere. p. 26.
Bialynitskaia, V. G., Ped', D. A. - Circulation method of forecasting frosts in May in the Northern Caucasus. p. 29.
Antonov, V. S., Makhover, Z. M. - What do isotherm charts reflect at the 500 millibar level? p. 32.
Bol'shakov, V. S. - Maximum wind acceleration in scales. p. 32.
Oblakov, F. V. - Night rainbow. p. 33.
Poliakov, I. IA. - Role of meteorological observations in predicting the development of pests and diseases of farm crops. p. 33.
Basin, A. M. - Calculating active watershed areas. p. 36.
Uryvaev, P. A. - Effect of ice crust on the runoff of snow melt on slopes. p. 39.
Pikush, N. V. - Calculating flow at hydroelectric power stations. p. 41.
Gavrilov, A. M. - Concerning N. V. Pikush's article "Calculating flow at hydroelectric power stations." p. 42.
Mozhaikin, E. N. - Present-day role of the chief of a hydrological station in studying river conditions. p. 43.
Gavrilov, V. A. - Diaphanoscopic method for determining the meteorological visibility range at hydrometeorological stations. p. 45.
Kryloy, IU. M. - New foreign studies on wind waves. p. 49.
Muranov, A. P. - Hydrological yearbooks of the Congo River Basin. p. 55.
Rudnev, G. V. - Review of "Climate of agricultural fields" by N. P. Rusin. p. 60.
Chebotarev, A. I. - Review of "Study and utilization of water power resources of the U. S. S. R " by S. S. Ginko. p. 59.
Literature on meteorology and hydrology for 1955 (continued). p. 61.
Orlov, B. P. - Evgenii Varfolomeevich Blizniuk; on the occasion of his 75th birthday and 50th anniversary of his industrial, scientific, pedagogical, and public activities. p. 64.
Zakharov, V. N. - International award. p. 67.
Balayko, A. G. - The 25th anniversary of the Minsk Weather Bureau. p. 68.
Letter to the editor. p. 68.

MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE. Transactions]. No. 42 (69), 1956. Voprosy sinopticheskoi meteorologii [Problems of synoptic meteorology].
Table of contents translated:
Antonov, V. S., Baranov, N. P., Makhover, Z. M. - Forecasting the appearance of Caspian cyclones in the southeastern European region of the U. S. S. R. p. 3.
Medzhitov, R. M. - Forecasting radiation fog. p. 11.
Medzhitov, R. M. - A. S. Zverev's graphic method for forecasting the minimum temperature of night air and radiation fog. p. 20.
Grigor'ev, A. I. - Some characteristics in forecasting winds over confined water basins. p. 26.
Dubentsov, V. R. - Strong east winds in the southern region of the European U. S. S. R. and in the Northern

No. 46 (72), 1956. Voprosy sinopticheskoi meteorologii [Problems of synoptic meteorology].
Table of contents translated:
Vasiukov, K. A. - Analysis of local pressure changes and conditions of cyclogenesis in the troposphere. p. 3.
Meritsalov, A. N. - Using a pressure field for qualitative determination of well regulated vertical air movements. p. 59.
Dogadkina, N. P., Diubiuk, A. F. - Vertical velocities in a stationary frontal zone. p. 65.
Lebedeva, N. V. - Vertical movements in a front. p. 74.
Caucasus, and indications for forecasting them. p. 34.
Novokhat'ko, A. - Plunging cyclones over the Barents Sea. p. 54.

Shilova, I. F. - Synoptic conditions of warm winters in the southeastern region of the European U. S. S. R. p. 57.

OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, no. 1, May 1956.
Table of contents translated:
From the editor. p. 3.
Ciunaitis, G. K., Kibartas, V. V., Jucys, A. P. - Self-consistent field for the basic configuration of helium-type atoms. p. 5.
Vizbaraitė, J. I., Kancerevičius, A. I., Jucys, A. P. - Self-consistent Fok field for excited helium atoms. p. 9.
Korolev, F. A., Odintsov, V. I. - Fabry-Perot multiplex etalon for measuring the hyperfine structure and isotope shift line of mercury. p. 17.
Veits, I. V., Gurvich, L. V. - Dissociation energy of magnesium, calcium, strontium and barium oxides. p. 22.
Landsberg, G. S., and others. - Vibration spectra of diphenyl and decadeutero-diphenyl. p. 34.
Markova, S. V., Bazhulin, P. A., Sushchinskii, M. M. - Optical method for investigating hydrocarbons. Raman spectra of unsaturated hydrocarbons. p. 41.
Krivoglaz, M. A. - Comparison of theoretical and experimental data on the luminescence of solids. p. 54.
Antonov-Romanovskii, V. V., Vinokurov, L. A. - Characteristics of the luminescence losses of ZnS-Cu-Co phosphors in the range of luminescent yields independent of optical excitation intensity. p. 66.
Antonov-Romanovskii, V. V., Vinokurov, L. A. - Kinetics of the luminescence of ZnS-Cu-Co phosphors in the range of luminescent yields independent of optical excitation intensity. p. 71.
Pen'kov, S. N. - Birefringence of a liquid in the dynamic field of stress waves. p. 77.
Koronkevich, V. P. - Dispersion of air in the visible spectrum range. p. 85.
Toporets, A. S. - Effect of external factors on light reflection measurement data. p. 90.
Kolomiitsov, IU. V., Dukhopel, I. I. - Contactless interference technique for checking spherical lens surfaces. p. 94.
Broude, V. L., Prikhot'ko, A. F. - On McClure's and Schnepp's article. p. 102.
Tarasov, K. I. - A new interference-type etalon. p. 103.

Vol. 1, no. 2, June 1956.
Table of content translated:
Sergei Ivanovich Vavilov; March 24, 1891 - Jan 25, 1951. p. 107.
Donch-Druevich, A. M., Molchanov, V. A. - A new optical experiment on relativity. p. 113.
Stepanov, B. I. - Negative luminescence and negative photoelectric effect. p. 125.
Feofilov, P. P. - Characteristics of elementary oscillators and polarization of photoluminescence in cubic crystals. p. 131.
Neporent, B. S., Borisevich, N. A. - Anti-Stokes and Stokes fluorescence spectra and yield of vapors of aromatic compounds. p. 143.
Sveshnikov, B. IA., Tishchenko, G. A. - Mechanism of concentrated fluorescence quenching of anthracene solutions. p. 155.
Zolinskii, V. V., Kolobkov, V. P., Pikulik, L. G. - Spectral dependence of luminescence yields. p. 161.
Belikova, T. P., Galanin, M. D. - Sensitization of photoluminescence by means of solvents. p. 169.
Galanin, M. D., Chizhikova, Z. A. - Excitation energy transfer in anthracene crystals having naphthacene admixtures. p. 175.
Sheremet'ev, G. D. - Optical properties of uranium hexafluoride. Part 1. Absorption spectra in the visible and adjacent ultraviolet range. p. 181.
Morgenshtern, Z. L., Shchukin, I. P. - Luminescence of color centers in CsJ-Tl crystals. p. 190.
Kats, M. L. - Effect of nonactivating $Ca^{++}$ and $Sr^{++}$ ions on the thermal luminescence of NaCl-Ag phosphors previously subjected to X-rays. p. 198.
Antonov-Romanovskii, V. V., Trapeznikova, Z. A. - On the two recombination mechanisms of the luminescence of $Sm^{+++}$ ions in the ZnS-Sm, Cu(NaCl) phosphor. p. 204.
Tolstoi, N. A., Shatilov, A. V. - Formal analysis of the theory of two-stage excitation of phosphorescence and photoconductivity. Part 1. Stationary dependence. p. 210.
Eliashberg, G. M. - Quenching laws for zonal models of crystal phosphors. p. 230.
Alentsev, M. N. - Correlation between the luminescence yield and the wave length of the excitation light of ZnS-Cu phosphors. p. 240.
Vinokurov, L. A., Fok, M. V. - Infrared light quenching of ZnS-Cu, Co and ZnS-Cu, Ni phosphors. p. 248.
Levshin, V. L., Tunitskaia, V. F., Cherepnev, A. A. - Origin of the localization levels in ZnS-Cu, Co phosphors. p. 255.
Siui Siui-lun. - Determining the effective cross section of the capture and recombination of thermal electrons in the ZnS-Cu, Co phosphor. p. 264.

Tolstoi, N. A. - Flash burning of the ZnS-Ni phosphor. p. 271.
Cherepnev, A. A. - Zinc oxide in zinc sulfide luminophors. p. 272.
Scientific session devoted to the memory of S. I. Vavilov. p. 275.

Vol. 1, no. 3, 1956.
Table of contents translated:
Vizbaraitė, J. I., and others. - Self-consistent Fok field in multiconfiguration approximation for helium atoms. p. 277.
Vizbaraitė, J. I., Kaveckis, V. I., Jucys, A. P. - Multiconfiguration approximation in the case of helium-type atoms. p. 282.
Basov, N. G., Oraevskii, A. N., Svidzinskii, K. K. - Theory of the hyperfine structure of molecular rotation spectra due to nuclear electric 24-pole moments. p. 285.
Nikonova, E. I., Prokof'ev, V. K. - Force correlations of the oscillator components of the resonance multiplets of aluminum, thallium, chromium, manganese, molybdenum, and barium, calcium, strontium ions. p. 290.
Nikonova, E. I., Prokof'ev, V. K. - Determining metal atom concentrations in d.c. arc plasma burning at lowered pressures. p. 298.
Kitaeva, V. F., Sobolev, N. N. - Shape and width of spectral lines in d.c. electric arcs. p. 302.
Mel'chenko, V. S. - Determining limit concentrations for the self-absorption of spectral lines in arc discharges. p. 321.
Batarchukova, N. R., Dubrovskii, G. B. - Effect of changes in the pressure of argon in electrodeless discharges on the reproduction of $Cd^{198}$ red line wave lengths. p. 330.
Gromov, V. A. - On the mechanism of discharges in hollow cathodes. p. 334.
Agranovich, V. M. - Theory of the natural optical activity of molecular crystals. Part 1. Classical theory. p. 336.
Kovner, M. A. - Vibration spectra of aromatic compounds. Part 3. Computation and interpretation of the vibration spectra of mesitylene and durene. p. 348.
Kovner, M. A., Bogomolov, A. M. - General theory of the vibration spectra of normal monoalkyl benzenes. p. 364.
Kolosov, A. A., Miasnikov, L. L. - Investigating the half-width of the microwave absorption spectral line of ammonia. p. 374.
Nikitina, A. N., Ter-Sarkisian, G. S. - Absorption spectra of some nitrogen containing heterocyclic compounds at low temperatures. p. 378.
Broude, V. L. - Absorption spectra of benzene homologues. Part 2. Light absorption by monoalkyl benzenes. p. 387.
Sidorov, T. A., Sobolev, N. N. - Isotope shift and its structure in the infrared spectrum of boric acid. p. 393.
Faidysh, A. N., Kucherov, LIA., Terskii, A. A. - Intractions of excitation energy transfer of naphthacene in anthracene solid solutions. p. 403.
Shamovskii, L. M. - Luminescence mechanism of alkali halide crystal phosphors. p. 407
Vergunas, F. I. - Law of afterglow quenching of zinc sulfide phosphors near and in the temperature quenching range. p. 416.
Litvinova, P. S. - Temperature dependence of absorption in sulfide phosphors. p. 427.
Gromova, I. I. - Photodissociation of nitrogen. p. 433.
Akimov, A. I. - Depression of cyanic bands in the spectrum of carbon arcs. p. 434.
Paitsyna, I. A. - Device for the SF-4 spectrophotometer used in rapid automatic recording of spectra. p. 437.
Rautian, S. G. - Illumination of spectrographs by volume light sources. p. 439.
A. I. Tudorovskii, an honored scientist of the Russian Soviet Federative Socialist Republic. p. 441.
V. L. Levshin; on his 60th birthday. p. 441.
Tolstoi, N. - "Einführung in die Physik. Dritter band. Optik und Atomphysik" [in German] by R. W. Pohl. p. 443.
T. - "Wave processes, optics, elements of nuclear physics" by A. A. Chochulin. p. 444.
Toporets, A. S. - Meeting on the spectroscopy of light scattering media. p. 446.
The tenth D. S. Rozhdestvenskii memorial lecture. p. 447.

Vol. 1, no. 4, Aug. 1956.
Table of contents translated:
Aleksandr Nikolaevich Terenin; on his 60th birthday. p. 449.
Terenin, A. N., and others. - Changes in the spectra of phthalocyanines in solutions subjected to powerful light impulses. p. 456.
Neuimin, G. G. - Fluorescence spectrum technique for the detection of the thermal dissociation products of polyatomic vapor molecules. p. 463.
Kleinberg, A. V. - Scattering of vibration quanta of excited molecules of nitrogen oxide following collisions with other molecules. p. 469.
Vartanian, A. T. - Absorption band characteristics of leuco-base thiazine dyes. p. 478.

Filimonov, V.N. - Infrared absorption spectrum analysis of the interaction of molecules with aluminosilica and silica gel surfaces. p. 490.
Kotov, E.I. - Spectrum analysis of the interaction of benzidine with bentonite, aluminosilica and silica gels. p. 500.
IAroslavskii, N.G., Zheludov, B.A., Stanevich, A.E. - Recording spectrometer for the long-wave infrared band. p. 507.
Raskin, Sh.Sh. - Raman spectra of complex-compounds of antimony trichloride with benzene and their derivatives. p. 516.
Ermolaev, V.L. - Luminescence of aromatic aldehydes and ketones. p. 523.
Borisevich, N.A., Neporent, B.S. - Effect of extraneous gases on the fluorescence spectra and yield of aromatic-compound vapors. p. 536.
Klochkov, V.P. - Correlation between the spectra of organic compounds and the dielectric constant of the surrounding media. p. 546.
Kudriashov, P.I., Sveshnikov, B.IA. - Investigation of the phosphorescence spectra of organic luminophors subjected to anti-Stokes excitation. p. 554.
Zelinskii, V.V., Kolobkov, V.P. - Increase in the quantum yield of phosphorescence under the effect of potassium iodide. p. 560.
Kleiment, F.D. - Some characteristics of "sublimate-phosphors" and methods for preparing them. p. 571.
Ivanova, N.I. - Luminescence characteristics of crystal phosphors having low activator solubility in the base. p. 576.
Sidorova, A.I. - Effect of iron cation content in bentonite on the absorption spectra of adsorbed amines. p. 584.
Vasilevskii, K.P. - Vibration and rotational absorption and emission spectra of heated carbon monoxide. p. 587.
Nikitin, V.A. - Infrared spectrum of the intermediate product of photo-oxidation of benzaldehyde. p. 589.
Nikitin, V.A. - Infrared spectrum of pyridine adsorbed on deuterized microporous glass. p. 593.
Fialkovskaia, O.V. - Absorption spectra of some organic compounds adsorbed by potassium chloride. p. 595.
Kiselev, B.A. - Double monochromator with diffraction gratings. p. 597.
From the editors. p. 600.

Vol. 1, no. 5, Sep. 1956.
Table of contents translated:
Jucys, A.P., and others. - Total dipole forces of two-electron atoms calculated with an approximation for the incomplete division of variables. p. 601.
Kaliteevskii, N.I., Chaika, M.P. - Spectroscopic determination of the nuclear moments of $Cu^{63}$ and $Cu^{65}$. p. 606.
Dontsov, IU.P. - Isotope shift in the spectrum of dysprosium. p. 612.
Sobel'man, I.I. - Expansion of spectrum lines caused by electron collisions. p. 617.
Zakharova, V.M., Kagan, IU.M. - Investigating discharge parameters and characteristics of ion line excitation at high current densities. p. 627.
Zakharova, V.M. - Ion line contours in the plate [illegible] ema of gaseous discharges. p. 636.
Vanlukov, M.P., Mak, A.A., Parazinskaia, N.V. - Investigating the luminosity of spark discharge channels in argon and xenon atmospheres. p. 642.
Dianov-Klokov, V.I. - Absorption spectra of liquid oxygen and its mixtures with nitrogen in the 10600.-2800 Å range. p. 650.
Grudinkina, N.P. - Absorption of ultraviolet rays by water. p. 658.
Cherkasov, A.S., Vember, T.M. - Absorption and luminescence of the mesoderivatives of anthracene with oxygen containing substitutes. p. 663.
Kislovskii, L.D. - Viscous-friction resonator model for the illustration of the optical characteristics of absorbing media in the infrared range. Method

REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. II, Nov. 1956.
Contents:
[Abstracts] Referaty 7127-7985. 113 p.

No. 12, Dec. 1956.
Contents:
[Abstracts] Referaty 7986-8755. 100 p.

TSENTRAL'NAIA AEROLOGICHESKAIA OBSERVATORIIA. Trudy [CENTRAL AEROLOGICAL OBSERVATORY. Transactions]. Leningrad, no. 16, 1956.
Table of contents translated:
Reshetov, V.D. - Basis for delayed releases of radiosondes. p. 3.
Zaichikov, P.F. - Application of the triple control method for studying the accuracy of radiosondes. p. 10.
Kastrov, V.G., Faraponova, G.P. - Radiation errors of a platinum resistance thermometer. p. 18.
Pokrovskii, V.N. - Method for calculating the vertical distribution of ozone in the atmosphere. p. 21.
Kastrov, V.G. - Solar radiation in absolutely clear and dry air in the troposphere. p. 26.
L'vova, E.M. - Measuring the total solar radiation and albedo of the earth to an altitude of 10-20 kilometers. p. 31.
Krechmer, S.I. - Experimental determination of characteristics of temperature fluctuations in the atmosphere. p. 39.
Kaminer, N.S. - Diurnal temperature variation in the free atmosphere. p. 46.
Reshetov, V.D. - Measuring the range of pilot balloons. p. 52.

UKRAINS'KYI FIZYCHNYI ZHURNAL [UKRAINIAN PHYSICAL JOURNAL]. Issued by Viddil fizyko-matematychnykh nauk Akademii nauk URSR [Department on Physical and Mathematical Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 1, no. 1, Jan.-Mar. 1956. [In Ukrainian with summaries in Russian.]
Table of contents translated:
Our tasks. p. 3.
Davydov, O.S., Lubchenko, A.F. - Light emission and absorption in molecular crystals caused by the development of localized excitations. p. 5.
Davydov, O.S., Lubchenko, A.F. - Spectral distribution of the intensity of light emission and absorption by molecular crystals following the development of localized excitations. p. 15.
Rashba, E.I., Tolpyho, K.B. - Theory of the photoelectric method for determining the lifetimes of current carriers in semiconductors. p. 29.
Hlynchuk, K.D., Miseliuk, O.H. - Photoelectric method for measuring the length of diffusion displacement of secondary current carriers in semiconductors. p. 44.
Morhulis, N.D., Marchuk, P.M. - Physical phenomena occurring near the negative electrode in arc discharges in cesium vapors. p. 59.
Havryliuk, V.M. - Effect of adsorbed films of barium atoms and barium oxide molecules on the electron emission by the metal. p. 73.
Dykman, I.M. - Changes in the electron emission yield of metals following the adsorption of dipole molecules by the metal surface. p. 81.
Harber, R.I., Poliakov, L.M., Mykhailovs'kyi, V.M. - Investigation of copper sintering processes. p. 88.
Barchuk, I.F., Bielykh, H.V. - Magnetic prism beta-spectrometer with electron scintillation counter. p. 98.
Conference on low temperature physics. p. 106.

Vol. 1, no. 2, Apr.-June 1956. [In Ukrainian with summaries in Russian.]
Table of contents translated:
Davydov, O.S., Lubchenko, A.F. - Molecular crystal dispersion curves corresponding localized excitations. p. 111.
Lubchenko, A.F. - Effect of the anisotropy of the solvent on the absorption spectrum and emission of the admixture. p. 120.
Zingerman, IA.P. - Anomalous saturation in the emission of efficient thermocathodes. p. 134.
Liashenko, V.I., Litvinov, R.O. - Changes in the electric conductivity of germanium subjected to external electric fields. p. 143.
Konozenko, I.D., Mikhnovs'kyi, S.D. - Structure and electric properties of thin layers of InSb. p. 151.
Habovych, M.D., Fedorus, Z.P. - Proton source with the thermal dissociation of hydrogen molecules. p. 158.
Holyk, O.Z., Ryndych, N.A. - Viscosity and structure of liquid solutions of zinc, cadmium, tin, bismuth and lead in mercury. p. 170.
Roshchyna, H.P., Dadenkova, M.M., Tarapon, V.A. - Investigating the molecular scattering of light in alcohol solutions. p. 183.
Hertsriken, S.D. - Lattice vacancy formation in metals and alloys. p. 193.
Ptushyns'kyi, IU.H. - Conference on cathode electronics. p. 204.
To the attention of readers. p. 207.

USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Moscow, vol. 59, no. 3, July 1956.
Table of contents translated:
Zel'dovich, IA.B. - Development of the theory of anti-particles, the charges of elementary particles and the properties of heavy neutral mesons. p. 377.
Gell-Mann, M., Watson, K.M. - Nucleon - $\pi$-meson interactions. p. 399.
Gol'din, L.L., Peker, L.K., Novikova, G.I. - Alpha particles. p. 459.
Borovitskii, S.I., Gorelik, G.S. - "Heterodynization" of light. p. 543.
Lazukin, V.N. - Cyclotron resonance. p. 553.

Vol. 59, no. 4, Aug. 1956.
Table of contents translated:
Shaskol'skaia, M.P. - Irène Joliot-Curie; obituary. p. 583.
Shubnikov, A.V. - Pierre Curie's work in the field of symmetry. p. 591.
Kurchatov, I.V. - Feasibility of producing thermonuclear reactions in gaseous discharges. p. 603.
Ter-Haar, D. - Foundations of statistical mechanics. p. 619.
Khalatnikov, I.M. - Theory of kinetic phenomena in helium II. p. 673.
Gutin, S.S. - Conference on the electric and physicochemical properties of solid dielectrics. p. 755.

ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Akademy of Sciences of the U.S.S.R.]. Moscow, vol. 31, no. 1(7), July 1956.
Table of contents translated:
Abrikosova, I.I., Deriagin, B.V. - Direct measurement of the molecular attraction in solids. Part 2. Gap measurement techniques. Experimental results. p. 3.
Zhdanova, N.F. - Temperature dependence of the viscosity of liquid nitrogen at constant density. p. 14.
Borovik-Romanov, A.S., Karasik, V.R., Kreines, N.M. - Antiferromagnetism of anhydrous sulfates of $Ni^{++}$, $Fe^{++}$, $Co^{++}$, $Cu^{++}$. p. 18.
Teplov, I.B. - Investigation of (d,p) reactions in phosphorus and chlorine. p. 25.
Zinov'eva, K.N. - Coefficient of volume absorption of the second sound and viscosity of the normal component of helium II to 0,83° K. p. 31.
Grigor'ev, E.L., Mitin, N.A. - Elastic scattering of 310 Mev positive $\pi$-mesons by protons. p. 37.
Balashova, B.M., Sharvin, IU.V. - Structure of the intermediate state of superconductors. p. 40.
Meshcheriakov, M.G., and others. - $\pi^{+}$-meson energy spectrum for the $pp \to \pi^{+}$ reaction at 556 and 657 Mev. p. 45.
Meshcheriakov, M.G., and others. - Production of charged mesons in beryllium and carbon by 660 Mev protons. p. 55.
Lifshits, I.M., Azbel', M.IA., Kaganov, M.I. - Theory of galvanomagnetic phenomena in metals. p. 63.
Popov, IU.A. - Solution of the fundamental diffusion equation for cosmic ray particles emitted by a constant-energy concentrated pulsed source. p. 80.
Ivanenko, I.P. - Cascade showers produced by electrons and photons in light and heavy elements. p. 86.
Ivanenko, D.D., Kerimov, B.K. - Two-nucleon potential of the intermolecular type and nuclear saturation. p. 105.
Shirokov, IU.M., Sannikov, D.G. - On unquantized relativistically invariant renormalized equations for a three-dimensional extended particle. p. 113.
Livshits, M.S. - Application of non self-conjugate operators in the theory of scattering. p. 121.
Gornyi, N.B. - Discrete energy losses of electrons reflected from a $MoO_2$ surface. p. 132.
Sliv, L.A., Band, I.M. - K-shell gamma-ray internal conversion coefficients. p. 134.
Afrikian, L.M. - Selection rules for antiproton annihilation into $\pi$-mesons. p. 136.
Khozlainov, V.T. - Notes on the theory of scattering of particles with a given total angular momentum. p. 138.
Fedorov, F.I. - Reduction of wave equations for spin 0 and 1 to the Hamiltonian form. p. 140.
IAkovlev, L.G. - On theories of multiple meson production. p. 142.
Gulev, N.A. - Polarization of neutrons scattered by carbon accounting for nuclear volume. p. 144.
Ochkur', V.I., Petrov, IU.V. - Integral equation method for calculating the elastic scattering of slow electrons in hydrogen. p. 146.
Likhter, IA.I. - Correlation between the distribution of a quasi-monochromatic stationary process and the distribution of its envelope. p. 148.
Gal'perin, F.M. - Atomic magnetic moments of ferromagnetic metals and alloys. p. 150.
Akulov, N.S., Cheremushkina, A.V. - Theory of the Hall effect in ferromagnetic materials. p. 152.
Zel'dovich, IA.B. - Magnetic field in a conducting

turbulent liquid during two-dimensional motion. p. 154.
Lifshits, I.M., Stepanova, G.I. - Effect of ordered arrangements on the energy spectrum of phonons. p. 156.
Ter-Martirosian, K.A. - Charge renormalization for an arbitrary, sufficiently large value of $r_0$. p. 157.
Baz', A.I. - Polarization of neutrons scattered by lead. p. 159.
Gurevich, I.I., Pevzner, M.I. - "Repulsion" of nuclear levels. p. 162.
Alekseev, A.I. - Probability of para-positronium annihilation accounting for the first radiation corrections. p. 164.
Rozentsveig, L.N. - Polarized neutrons from the D ($\gamma$, n) reaction. p. 166.
Shakhulov, O.A., and others. - New type of disintegration of a heavy meson ? p. 167.

Vol. 31, no. 2(8), Aug. 1956. [With English summaries in insert.]
Table of contents translated:
Kazarinov, IU.M., Simonov, IU.N. - Elastic scattering of 680 Mev neutrons by protons. p. 169.
Shimanskaia, N.S. - Determination of the branching ratio in the $Po^{210}$ decay series. p. 174.
Sidorov, V.M. - Formation of $\mathcal{J}^+$-mesons in 660 Mev (p-p)-collisions. p. 178.
Parfanovich, D.M., Rabin, N.V., Semchinova, A.M. - Interaction of nitrogen nuclei with photographic emulsion nuclei. p. 188.
Golovin, B.M., Dzhelepov, V.P. - Elastic scattering of 590 Mev neutrons by neutrons. p. 194.
Ginzburg, V.L. - On ferromagnetic superconductors. p. 202.
Korolev, A.M. - Dynamic magnetic moment of deuterons. p. 211.
Glauberman, A.E. - Theory of classical systems of interacting particles obeying a noncentral interaction law. Part 1. p. 218.
Gol'fand, IU.A. - Generalized phase analysis as a corollary of the unitary property of the S-matrix. p. 224.
Kaganov, M.I., Lifshits, I.M., Tanatarov, L.V. - Relaxation between electrons and crystal lattices. p. 232.
Moiseev-Ol'khovskii, I.I. - A method of obtaining nonstationary solutions of Boltzmann's kinetic equation. p. 238.
Kholodenko, L.P. - Thermodynamical theory of the ferroelectric properties of barium titanate. p. 244.
Bonch-Bruevich, V.L. - Statistics of electrons and holes in a homopolar semiconductor considering interaction with lattice vibrations. p. 254.
Aditovich, E.I., Guro, G.M., Kuleshov, V.F. - Temperature-composition dependence of the lifetime of unbalanced charge carriers in germanium. p. 261.
Tolpygo, K.B., Rashba, E.I. - Bipolar diffusion of current carriers in the presence of deep traps. p. 273.
Rozental', I.L. - A quasi-unidimensional interpretation of the hydrodynamical theory of multiple particle production. p. 278.
Drukarev, G.F. - On the theory of collisions between electrons and atoms. p. 288.
Levin, M.L. - Thermal radiation of good conductors. p. 302.
Skobelkin, V.I. - Variational principles in hydrodynamics. p. 317.
Svidzinskii, A.V. - Determination of Green's functions for the Bloch-Nordsieck model by the functional integration method. p. 324.
Golubenkov, V.N., Smorodinskii, IA.A. - Lagrange function for a system of identical charges. p. 330.
Evseev, Z.IA. - Effect of transverse magnetic fields on the heat conductivity of metals. p. 331.
Ryzhanov, S.G. - Relation between alpha decay and nuclear deformation. p. 332.
Okun', L.B. - On the probabilities of $\epsilon$-particle decay. p. 333.
Nosov, V.G. - Energy dependence of the division width. p. 335.
Pokrovskii, V.L., Rumer, IU.B. - Note on Pauli's theorem on the relation between spin and statistics. p. 337.
Lazukin, V.N. - Possibility of utilizing cyclotron resonance in mass spectrometry. p. 339.
Davydov, A.S., Filippov, G.F. - Length of slow neutron scattering by deuterons. p. 340.
Biberman, L.M., Veklenko, B.A. - Application of the theory of random processes to radiation transfer phenomena. p. 341.
Lapidus, L.I. - Determining the spin of K-particles and hyperons. p. 342.
Krivoglaz, M.A., Pekar, S.I. - Relation between the parameters of longitudinal and transverse optical vibration of ions in crystals. p. 343.
Manenkov, A.A., Prokhorov, A.M. - Hyperfine structure of the paramagnetic resonance spectrum of $^{53}Cr^{3+}$ in $Al_2O_3$. p. 346.
Vedenov, A.A. - On the theory of $\pi$-meson disintegration. p. 347.
Sitenko, A.G. - Production of $\pi$-meson pairs on nuclei by high energy $\gamma$-quanta. p. 348.
Berestetskii, V.B., Pomeranchuk, I.IA. - Correlation phenomena in K-meson capture. p. 350.
Pekar, S.I. - Inapplicability of Fermi-Dirac distribution for electrons of semiconductor and crystal phosphor admixture centers. p. 351.
Rebane, T.K. - Application of the lattice model to lead sulfide-type semiconductors. p. 353.
Polovin, R.V. - Nonlinear theory of longitudinal plasma oscillations. p. 354.
Dushin, N.V. - Photoproduction of $\pi$-meson pairs in hydrogen and deuterium near the threshold and isotopic invariance. p. 355.
Azbel', M.IA., Gerasimenko, V.I., Lifshits, I.M. - Paramagnetic resonance and the polarization of nuclei in thick layers of metal. p. 357.
Galanin, A.D., Lapidus, L.I. - Note on the mixed meson theory. p. 359.
Levkovskii, V.N. - Relative cross sections for n, p-reactions involving nuclei with several stable isotopes. p. 360.

## 14. MEDICINE

### a) GENERAL

BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 42, no. 8, Aug. 1956.
Table of contents translated:
Bogdanov, R.Z., Senkevich, I.V. - Mechanism of action of sympathetic innervation on periodic motor function of the stomach in dogs. p. 3.
Anikina, N.A. - Electrophysiological investigation of the mechanism of chemoreception. Report no. 2. Modification of afferent impulses in intestinal nerves during the action of carbon dioxide and novocaine and during metabolic disorders induced by monoiodoacetic acid. p. 6.
Trakhtenborg, I.M., Savitskii, I.V. - Experimental data on Sechenov's phenomenon in dynamic activity. p. 12.
Leites, S.M., Smirnov, N.P. - Role of the nervous system in the pathogenesis of acute toxic pulmonary edema. p. 16.
Saakov, B.A., TSynkalovskii, R.B. - Effect of reflexes from intestinal and splenic chemoreceptors in traumatic shock. p. 18.
Shapiro, I.M., Losev, N.I., Partskhaladze, N.N. - Experimental renal infarcts. Report no. 1. Investigation of renal blood supply in infarcts with the aid of radiophosphorus. p. 22.
Gromakovskaia, M.M. - Role of neuro-reflex mechanisms in the pathogenesis of a disease induced by the introduction of botulin toxin into the carotid sinus. p. 27.
IAnkelevich, D.E. - Characteristics of carbohydrate metabolism during lactation in diabetes mellitus. p. 31.
TSynkalovskii, R.B., Azhipa, IA.I. - Course of camphor epilepsy in hypothermia. Report no. 1. p. 35.
Bondarenko, M.F., Raiskina, M.E. - Effect of Pavlov's accelerator nerve on myocardial proteins. p. 39.
Stukkel, K.L. - Oxidative phosphorylation in Infusoria. p. 43.
Uspenskaia, E.P. - Experimental therapy of prosorine bronchospasm. p. 47.
Del'gova, I.N. - Inactivation of cobalt in the body with ethylenediamine tetraacetic acid. p. 51.
Udalov, IU.F. - Effect of novocaine on survival of white rats at high altitudes. p. 53.
Butaev, B.M. - Effect of paramyon on rigidity in decerebrated animals and on tail spasm induced with morphine. p. 55.
Ostrovskaia, M.N. - Antiallergic action of cichol (a combination of citral with sodium cholate). p. 57.
Pravotorova, E.L. - Effect of dimedrol on carbohydrate metabolism. p. 59.
Litvinov, N.N. - Tumors of bone tissue induced by radioactive substances. p. 62.
Balashova, E.G. - Some data on the proportion of trigeminal nerve cells to capillaries of the trigeminal nuclei during postnatal development. p. 66.
Leontovich, T.A., Mering, T.A. - Data on the topography of subcortical formations in the brain of dogs applicable to experimental surgery. p. 71.
Abovian, V.A. - Impregnation of brain cells with silver by using direct current. p. 78.

Vol. 42, no. 9, Sep. 1956.
Table of contents translated:
Miasoedova, N.A. - Interoceptive effects from the cecum on micturition. p. 3.
Mikhailovskii, G.P. - Studies of the effect of stimulation of gastrointestinal interoceptors on unconditioned defense reflexes. Report no. 2: Effect of stimulation of mechanoreceptors of the gastrointestinal system on defense reflexes in various functional states of the brain. p. 8.
Gubar', A.V., Oreshuk, F.A. - Effect of excision of the cerebral cortex on the biligenic function of the liver. p. 11.
Durinian, R.A. - Certain characteristics of anemia induced by denervation of the carotid sinuses and the aorta. p. 15.
Gindin, A.P., and others. - Siderocytes in the peripheral blood in virus anemia. p. 20.
Gadzhieva, Z.M. - Daily excretion of protein and nucleic acids in the intestinal juice in case of balanced and protein-deficient nutrition. p. 22.
Gaber, I.E. - Effect of saluzind on reflexes from interoceptors. p. 25.
Khaletskaia, F.M., Tripol'skaia, N.A. - Effect of tactile-pain stimulation on the course of pregnancy and vitality of the fetus. p. 28.
Il'in, V.S., Titova, G.V. - Effect of amytal sodium on processes of oxidative phosphorylation. p. 33.
Golubtsova, A.V., Moiseenko, E.V., Sofronova, M.I. - Modification of cerebellar metabolism following X-irradiation. p. 36.
Lomakin, M.S. - Effect of homologous and immune antibodies on rabbit Brown-Pearce tumor in tissue culture. p. 40.
Korosteleva, V.S., Karlina, M.I., Cheburkina, N.V. - Studies on the chemical nature of the specific antigenic substance of tumors. p. 44.
Raitsina, S.S. - Regeneration of the spermatic cord in mammals. p. 51.
Koniukhov, B.V. - Studies on the antigenic properties of animal tissues and organs in ontogenesis. Report no. 3: Studies on species and organ specificity of the crystalline lens using ring precipitation reaction. p. 55.
Korotkova, G.P. - Fungicidal properties of chicken egg protein at various stages of embryonic development. p. 60.
Kurkovskii, V.P., Polikarpov, A.F., Shinkarev, M.N. - Morphological modifications of lumbosacral intervertebral ganglia following high ligation of the abdominal aorta. p. 64.
Kuz'mina-Prigradova, A.V. - Collateral circulation following isolated ligation of the anterior descending branch of the left coronary artery and in combination with irritation of peripheral segments of the vagus nerve; experimental studies with dogs. p. 67.
T'ang Su-en. - Inflammatory proliferations of the renal epithelium in vitamin A deficiency. p. 71.
Kalinina, T.E., Skalinskii, E.I. - Certain pathomorphological disorders in experimental vitamin $B_1$ deficiency in dogs. p. 74.
Shittsyn, N.P. - Method of transplanting a second head on a frog. p. 78.

KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 34, no. 9, Sep. 1956.
Table of contents translated:
V.F.Zelenin; on his 75th birthday. p. 3.
Vovsi, M.S. - Clinical aspects and pathogenesis of myocardial infarct. p. 4.
Glazova, O.I. - Myocardial infarct according to the experience of the N.V.Sklifosovskii Institute. p. 17.
Teodori, M.I. - Some questions on the pathogenesis, clinical aspects, and treatment of myocardial infarct. p. 23.
Shpachek, B. - Surgical treatment of a chronic aneurysm of the heart after an infarct. p. 30.
Astaponko, M.G. - Functional state of the higher nervous activity in nonspecific infectious polyarthritis. p. 34.
Toplov, S.I., Sokolova, E.A. - Effects of the cerebral cortex on the cardiovascular system connected with imminent surgery. p. 41.
Anosov, N.N. - Hysterical manifestations in some diseases. p. 47.
Vizen, E.M. - Acute seasonal serous meningitis (blunduiant viral meningoencephalitis). p. 51.
Brennan, B.M. - Meningoencephalitis in epidemic parotitis. p. 56.
Otarnov, I.B. - Diagnosis and treatment of brucellar meningitis. p. 60.
Sil'vestrov, V.P. - Hemodynamic indices in arterial hypotension. p. 62.
Solitterman, M.L. - Diagnosis of intramural infarcts of the myocardium. p. 69.
Ostapiuk, F.E., Makarova, K.A. - Complications of hypertensive disease. p. 73.
Kopshitser, LZ. - Neuropsychic disorders in leptospiral jaundice. p. 78.
Discussion on I.V.Davydovskii's article and book on the "Problems of localization and organopathology in the light of the teachings of Sechenov, Pavlov, and Vvedenskii." p. 84.
Vinnik, L.A. - Some considerations on M.B.TSuker's article "On diseases of the central nervous system of tubercular etiology." p. 83.
Gubergrits, A.IA. - "Disruption of function of internal organs caused by reflexes" by S.S.Poltyrev. p. 91.
Zinov'ev, P.M., Mikhailov, A.K., Khachaturian, A.A. Review of Gillarovskii's book "Psychiatry." p. 93.

LIKARS'KYI VISNYK. MEDICAL JOURNAL. Issued by Ukrains'ke likars'ke tovarystvo v Amerytsi [American-Ukrainian Medical Society]. New York, vol. 3, no. 2(6), Dec. 1956. [In Ukrainian.]

PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 4, July-Aug. 1956.

Table of contents translated:

Fridberg, D.I. - Pathogenesis of exophthalmos and its diagnostic significance. p. 3.
Smirnov, G.P. - Effect of hexenalum and luminal on thyroid function; studies with radioiodine. p. 13.
Sal'e, E.V. - Functional state of the thyroid in cardiovascular insufficiency; data on radioiodine uptake. p. 27.
Liverpant, IU.E. - Significance of the thyrotropic function of the pituitary in the pathogenesis of thyrotoxicosis. p. 32.
Bogoslavskii, R.V., Smoliak, L.G. - Late results of surgery in euthyroid and hyperthyroid goiters; data from a surgical ward in Stalino Province. p. 42.
El'manovich, L.P. - Diagnosis of chronic thyroiditis. p. 46.
Antonova, L.A. - Clinical aspects and surgery of thyrotoxicosis in the Central Urals. p. 50.
Shikerman, N.M. - Histologic characteristics of the thyroid in Bucovina. p. 61.
Cherkinskii, S.N., Zaslavskaia, R.M. - Significance of fluorine in potable water in the development of endemic goiter. p. 70.
Vander, P.A., Lapshina, V.F. - Strumogenic action of para-aminosalicylic acid. p. 76.
Krymskii, L.D., Maisiuk, A.P. - Data on the pathoanatomy and pathogenesis of Simmonds' disease. p. 82.
Liberman, L.L. - Problem of insulin-resistant forms of diabetes mellitus. p. 89.
Shatkov, M.E. - Problem of asymmetry; data of the Shchelkovo District Hospital. p. 90.
Platnitskaia, T.M. - Hepatic changes following administration of methylthiouracil. p. 96.
Hodkina, B.S. - Effect of deficiency or excess of thyroxine on insulin hypoglycemia. p. 101.
Körge, K.H. - Eosinopenic reaction as an index of the reactivity of the organism in a state of inhibition of the central nervous system. p. 110.
Taitslin, I.S. - Differential diagnosis of initial forms of thyrotoxicosis. p. 116.
Korabel'nikov, I.D. - Iodine prevention of endemic goiter. p. 120.
Khokhlov, N.F. - Case of thyroid calculus. p. 122.
Senargulov, T.S. - Cases of nonspecific chronic thyroiditis of the Hashimoto type. p. 124.
Sakuratova, N.A. - Variation in the degree of bacterial contamination of pituitrin during production. p. 127.

(DAFM)

PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Vol. 34, no. 3, May-June 1956.

Table of contents translated:

Ostroumova, IU.A. - Basic trends in the works of V.A. Ravich-Shcherbo. p. 3.
Kolesnikov, I.S. - Segmental and partial economic resections of the lung in tuberculosis. p. 9.
Bogush, L.K. - Segmental resection of the lung in tuberculosis. p. 16.
Amosov, N.M. - Surgical treatment in late development of tuberculosis following lung resection. p. 22.
Kiseleva, Z.I. - Results of pulmonary resection in tuberculosis. p. 27.
Shalimov, A.A. - Immediate results of cavernectomy in pulmonary tuberculosis. p. 30.
Glushchenko, T.F. - Intubation gas anesthesia in surgery for tuberculosis. p. 33.
Ganaga, F.M., Shulutko, M.L. - Treatment of pulmonary tuberculosis with extrapleural pneumothorax in children and adolescents. p. 37.
Logvinenko, P.P., Mdivani, Z.M. - Experience in treating pulmonary tuberculosis with extrapleural pneumothorax. p. 42.
Mkheidze, P.A. - Modification of two-stage apical dilated thoracoplasty. p. 45.
Buzin, K.M. - Thoracoplasty in the treatment of pulmonary tuberculosis and postoperative complications. p. 47.
Dykhno, A.M. - Methods of thoracoplasty for collapsing lower lobe cavitations. p. 49.
Shinder, N.L. - Expediency of anesthesia in cautery of pleural adhesions. p. 52.
Aseev, D.D., Kositskii, G.I., Striputs, S.M. - Study of the respiratory function in surgery for pulmonary tuberculosis. p. 55.
Kantorskaia, M.A. - Changes in the thoracic wall in extrapleural oleothorax. p. 64.
Podol'skii, M.N. - Closure of bronchial fistulae and of the cavity remaining after cavernotomy. p. 66.
Podgainyi, A.E. - Modification of the operation for cauterizing adhesions; a preliminary report. p. 67.
Bazhenov, V.S. - Methods of removing exudate from the intra- and extrapleural cavity. p. 68.
Tarapon, IU.G. - Modified endoscope with a spatula for extrapleural pneumonolysis. p. 69.
Shabanov, F.V. - "Antibacterial therapy for tuberculosis." by M.A. Klebanov, R.O. Drabkina. p. 70.
Massino, S.V. - "Climatological therapy for pulmonary tuberculosis on the southern shore of the Crimea" by A.V. Ovsiannikov. p. 72.
Kelasheva, K.IA., Savon, A.A. - Scientific session of the Institute of Tuberculosis of the Academy of Medical Sciences of the U.S.S.R. p. 75.
In memory of Aleksei Alekseevich Khar'kov. p. 79.

Vol. 34, no. 4, July-Aug. 1956.

Table of contents translated:

Senderova, R.IA. - Antituberculous vaccination in adults. p. 3.
Kornblium, O.I. - Work practice of antituberculous vaccination of adults in cities and villages. p. 6.
Mazina, E.A. - Significance of the X-ray examination method in selecting children for revaccination. p. 12.
Pletneva, G.G. - Course and forms of tuberculosis in young children after revaccination. p. 19.
Khmel'nitskii, B.M., and others. - Treatment of early forms of tuberculosis. p. 23.
Lemberskii, I.G. - Duration of treatment of tuberculosis with artificial pneumothorax. p. 28.
Bugakov, I.L. - Duration of effective therapeutic pneumothorax. p. 33.
Gamperis, IU.L. - Diagnostic value of tomography of the mediastinum and the lung root in tuberculosis in adults. p. 37.
Togunova, A.I. - So-called complications following antituberculous vaccination. p. 41.
Gel'berg, S.I., and others. - Combined entero-cutaneous method of immunization with BCG vaccine. p. 48.
Drabkina, R.O. - Resistance to drugs in tuberculosis. p. 53.
Baltabaev, K-ALI - Infection with drug-resistant Mycobacteria tuberculosis. p. 60.
Kaminskii, IA.I. - Cases of diffuse calcification of the lungs. p. 62.
Landisberg, L.IA., Belaia, V.M. - Operation to induce an artificial paralysis of the diaphragm and pneumoperitoneum in the treatment of a spontaneous pneumothorax. p. 64.
Nauman, A. - Organization of work for pulmonary tuberculosis patients in the Polish Democratic Republic. p. 66.
Suvorova, R.V. - An outstanding French physician; 175th anniversary of the birth of René Laënnec. p. 69.
Massino, S.V. - "Prevention of tuberculosis and the organization of tuberculosis control," Collection of abstracts. p. 76.
Morozova, Z.V. - Plenum of the Administration of the All-Union Scientific Medical Society of Phthisiologists. p. 79.

SOVETSKAIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstva zdravookhraneniia SSSR i RSFSR [Ministries of Health of the U.S.S.R. and of the R.S.F.S.R.]. Moscow, vol. 20, no. 9, Sep. 1956.

Table of contents translated:

Anichkov, N.N. - Basic principles and unsolved problems in present-day knowledge of atherosclerosis. p. 3.
Varshamov, L.A. - Early diagnosis and therapy of hypertensive disease and its significance for prevention of coronary insufficiency. p. 11.
Raevskaia, G.A. - Thromboembolic complications in the pulmonary artery in myocardial infarct. p. 16.
Sidorovich, S.Kh. - Prodromal period in myocardial infarct. p. 22.
Kurshakov, N.A. - General pathologic characteristics of radiation sickness. p. 30.
Leites, S.M. - Present-day questions on the pathology of metabolism in diabetes and obesity. p. 36.
Sokolov, IU.N. - One variant in the clinical and roentgenological classification of pulmonary cancer. p. 45.
Bogush, L.K. - Further prospects in the development of surgery in pulmonary tuberculosis. p. 56.
Shadrin, V.P. - Development of cavitations from caseoma in pulmonary tuberculosis. p. 63.
Sukhanovskii, V.P. - Antibacterial therapy in surgery for pulmonary tuberculosis. p. 66.
Fradkin, V.A. - Relation of blood transfusion reactions to the degree of allergy to tuberculin. p. 71.
Ul'ianova, L.S. - Postoperative ventilation capacity of the respiratory apparatus long after the removal of a lung or its part. p. 75.
Kovaliv, B.M. - Clinical evaluation of Rehberg's creatinine test in pulmonary tuberculosis. p. 80.
Suzdorf, M.I. - A method of using aerogel in respiratory tract diseases. p. 85.
Blank, V.V. - Simple method of dosed oxygen administration in expelling helminths. p. 86.
Shesterina, M.V. - A rare case of a foreign body in the bronchus. p. 87.
Sazonov, P.I. - A rare case of Larrey's diaphragmatic hernia. p. 88.
Shor, I.IA. - A case of cerebral echinococcosis diagnosed as tuberculous meningitis. p. 89.
Sokolov, N.P. - Prevention of echinococcosis in reclaiming new soil. p. 91.
Vladimir Filippovich Zelenin; on his 75th birthday. p. 94.
Fainshtein, A.M. - "Cavernostomy in pulmonary tuberculosis" by L.K. Bogush. p. 95.

SOVREMENNYE PROBLEMY ONKOLOGII; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [CONTEMPORARY PROBLEMS OF ONCOLOGY; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 6, no. 6(76), 1956.

VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Glavnoe voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Main Military-Medical Administration of the Ministry of DEFENSE OF THE U.S.S.R.]. Moscow, no. 7, July 1956.

Table of contents translated:

Editorial: Current tasks of the medical service of the Navy. p. 3.
Petrov, I.R. - Using artificial hypothermia in surgery. p. 9.
Kozlner, V.B. - Synthetic blood plasma substitutes. p. 19.
Gol'dgammer, K.K. - Using the I.-103 solution as a plasma substitute in a hospital. p. 26.
Pospelov, S.A., Pleshkov, A.M. - New method for determining the number of formed elements in the blood. p. 28.
Laine, V.F. - Easy method for a general hematological examination of persons affected by penetrating radiation. p. 33.
Mironov, G.S. - Compound method for treating dysentery by vaccines. p. 34.
Bashkirev, T.A. - Effectiveness of Chernokhvostov's alcohol vaccine in the compound treatment of dysentery. p. 38.
Krivkov, G.A., and others - Course of experimental pneumonia following damage by radiation. p. 41.
Pavlovskii, E.N., and others. - New repellent ointment. p. 46.
Petrishchova, P.A., and others. - New repellents against blood-sucking insects, developed by the Scientific Institute of Fertilizers, Insecticides and Fungicides. p. 49.
Zemskaia, A.A., Boldyrev, S.T. - Epidemiological role of the gamasid mites and methods for their control. p. 53.
Karakis, L.V., Dub, E.M. - Work practice of camp parasitological detachments. p. 59.
Shchastlivyi, I.N. - Rodent control in camp. p. 64.
Degtiarev, S.S., Sakovich, O.S. - Using insecticide pots for local control of mosquitoes. p. 65.
Serebriakov, L.V., Alekseenkin, Z.S. - Compound sanitary and disinfection treatment in eliminating disease foci. p. 68.
Shmarov, A.A. - Organizing medical examinations for the personnel of units in a remote naval base. p. 69.
Treskunov, B.R. - Health education work of hygienic and epidemiological laboratories. p. 71.
Mordvintsev, F.A., Levtsov, N.P., Dymov, A.G. - Using an aerosol generator operated by compressed air for disinsectization on ships. p. 73.
Manikhin, P.I., Verkholomov, E.E. - Adapting a hand atomizer for insecticide power to a compressed air system. p. 75.
Bakharevich, V.D. - Pneumatic atomizer. p. 76.
Blokhov, V.P. - Repairing worn out rubber gaskets of autoclaves. p. 77.
Borodulin, P.T. - Depressor and mouth mirror with an electric lamp. p. 77.
Zharov, A.F. - Mobile dressing station. p. 79.
Elanskii, N.N. - Surgical methods in appendicular infiltration and acute appendicitis with symptoms of local peritonitis. p. 82.
Abstracts. p. 84.
Toporov, G.N. - Outstanding naval surgeon IA.IA. Mul'tanovskii. p. 91.
Voropai, A.V. - Conference on problems of health education. p. 93.
Pil'nikov, N.F. - Conference on problems in the work of military museums. p. 94.
New books. p. 96.

VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 4, 1956. [With summaries in English.]

Table of contents translated:

Editorial: On the results of the tenth session of the Academy of Medical Sciences of the U.S.S.R. p. 387.
Vadova, A.V., Gel'shtein, V.I. - Prolonged use of synestrol in spontaneous mammary cancer in monkeys. p. 391.
Nechaeva, I.D. - Effect of the administration of synestrol and testosterone propionate on experimental ovarian tumors induced by X rays in mice. p. 397.
Khaletskaia, F.M. - Blastomogenic action of liver extracts from children, newborn infants, and fetuses. p. 405.
Samundzhan, E.M. - Changes in conditioned reflex activity of mice during the development of implanted and induced tumors. p. 408.
Tereshchenko, I.P. - Effect of novocaine on the metastatic development of Brown-Pearce tumor. p. 414.
Aleksandrov, S.N. - Effect of X-ray irradiation on the rate of protein synthesis in spontaneous and transplanted tumors in mice. p. 417.

Presnov, M. A. - Phosphatases in tumor growth. p. 423.
IAblonovskaia, L. IA. - Cultivation of certain human cerebral tumors in a chick embryo. p. 432.
Gandzii, G. P. - Cultivation of chicken sarcoma in tissue explants. p. 439.
Gubareva, A.V. - Asymptomatic dyshormonal changes in normal mammary glands in women over 40. p. 443.
Mikhailov, Ves., Raichev, R., Andreev, Vl. - Neurinoma of the eye (optic nerve). p. 452.
Larioshchenko, T. G. - Result of using a lead grid in roentgenotherapy of radio resistant tumors. p. 457.
IAkimenko, A. G. - Incidence of skin cancer in Krasnodar Territory. p. 464.
Dymarskii, L. IU. - Time of examination in gastric cancer. p. 468.
Demin, V. N., Litvinova, E. V. - Intraosseous administration of emblchine in the treatment of certain diseases. p. 475.
Sidorov, A. V. - Problem of melanomas of the skin. p. 478.
Nemirovskaia, O. I. - Cytological examination in diagnosis of skin cancer. p. 480.
Rudenko, A. V. - Use of cytological examinations in prolonged observations of suspected cancer of the cervix uteri. p. 483.
Korolkoruchko, V. P. - "Present-day problems in oncology"; collection of articles, reviews and abstracts from foreign periodical literature. p. 486.
Pogosiants, E. E., Vasil'ev, IU. M. - "Present-day problems in oncology"; B series. Etiology and pathogenesis of malignant tumors. p. 490.
Vladimir Georgievich Garshin; obituary. p. 492.
Nechaeva, I. D., and others. - Tenth session of the Academy of Medical Sciences of the U. S. S. R. p. 493.
Minutes of the sixth session of the Scientific Society of Oncologists of Leningrad and Leningrad Province. p. 502.
Review of defended dissertations. p. 505.
(DAFM)

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R. ]. Moscow, vol. 2, no. 10(22), Oct. 1956.

Table of contents translated:

Kassirskii, I. A. - Life and blood. p. 1.
Vytchikova, M. A. - Atmospheric ions and the body. p. 4.
Zhdanov, V. M. - This should not happen! p. 6.
Ozolin, N. G. - Seventeen million winners. p. 8.
Kandol', E. I. - Brain surgery. p. 9.
Trutnev, V. K. - Highmoritis. p. 12.
It is interesting and useful to know... p. 13.
Sakharov, P. P., Tolokonnikov, D. V. - A student's work and rest. p. 14.
Essama, M. - Voice of the heart. p. 15.
Krupnov, A. - Organizers of healthful work; picture report. p. 16.
Popovskii, Mark. - Light in the windows. p. 18.
Fedorovich, B. A. - Preparing for an expedition... p. 21.
Navashin, S. M. - Scientific center in the subtropics. p. 22.
Rafal'skaia, E. - Green city. p. 26.
Khurgina, IA. S. - Beautiful teeth. p. 27.
Piasetskii, N. R. - Diabetes mellitus. p. 29.
Orlova, D. - Nervous children. p. 30.
Health advice. p. 31.

ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R. ]. Moscow, vol. 27, no. 10, Oct. 1956.

Table of contents translated:

Timakov, V.D., Gol'dfarb, D.M. - Experimental basis of a new method for detecting Shigella dysenteriae and Eberthella typhosa with the aid of phages. p. 3.
Bron, E.A., Chernomordik, A.D. - Duration and frequency of excretion of Shigella dysenteriae in convalescents following dysentery. p. 10.
Blokhina, I.N., Perova, R.S., Lavrovskaia, V.M. - Change in the amino acid composition of culture media during the growth of micro-organisms of the enteric group. p. 12.
Kovaleva, N.I., Kirillova, N.I., Mironova, M.V. - Immunogenic, toxic, and antigenic properties of antigens obtained from enteric bacteria cultured on synthetic media under aerobic conditions. p. 18.
Dubrovskaia, I.I., and others. - Immunochemical study of antigen complexes obtained by various methods from Salmonella paratyphi and Eberthella typhosa cultured on various media. p. 22.
Volovich, N.I. - Group cases of water-borne dysentery. p. 29.
Zinchenko, V.S., Nestorovskaia, E.M. - Problem of the role of the fly factor in seasonal outbreaks of dysentery. p. 33.
Shubik, V.M., Iradionova, L.V. - Clinical and bacteriological parallels in the treatment of dysentery with synthomycin associated with streptomycin. p. 34.
Stanislavskaia, M.S. - Combined action of albomycin and biomycin, and levomycetin (synthomycin) in the treatment of dysenteric, streptococcal, and staphylococcal infections in white mice. p. 40.
Rozenbaum, G.I. - Problem of bacteremia in dysentery. p. 43.
Dzhikidze, E.K. - Carrying of Shigella dysenteriae in monkeys. p. 44.
Beliakov, V.D. - Comparative evaluation of the quality of vaccines. p. 48.
Vershilova, P.A. - Certain problems in the epidemiology of brucellosis. p. 53.
Fomicheva, A.S., Uraleva, V.S., Chernenkova, N.A. - Results of using antiphage serum for the improvement of bacteriological diagnosis of brucellosis in man. p. 57.
Drozhevkina, M.S. - Secondary phage-resistant cultures of Brucella. p. 63.
Anina-Radchenko, N.D. - Spreading factors and hyaluronidase in Brucella. p. 69.
Kiria, N.D. - Problem of filtrable forms of Brucella. p. 75.
Rozova, Z.A., and others. - Epidemiologic effectiveness of prophylaxis with dry living vaccine from the Institute of Epidemiology and Microbiology of the Academy of Medicine of the U.S.S.R. p. 79.
Drankin, D.I. - Problem of the epidemiological effectiveness of dry living vaccine of the N.F.Gamaleia Institute of Epidemiology and Microbiology of the Academy of Medicine of the U.S.S.R. p. 82.
Smirnov, S.M. - Methods of lowering the occupational incidence of brucellosis. p. 86.
Rozova, Z.A. - Result of activities of the Rostov Brucellosis Control Station in the prevention and control of Brucellosis. p. 91.
Olaraev, I.B. - Intravenous vaccine therapy and the prevention of complications in brucellosis. p. 96.
Barolan, O.V., Dobrova, I.N. - World distribution of poliomyelitis. p. 97.
Agafonov, V.I. - Discussion of certain problems in the theory of epidemiology, conducted at the Academy of Medical Sciences of the U.S.S.R. p. 105.

b) GYNECOLOGY, OBSTETRICS & PEDIATRICS

AKUSHERSTVO I GINEKOLOGIIA [OBSTETRICS AND GYNECOLOGY]. Published by Ministerstvo zdravookhraneniia SSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 32, no. 4, July-Aug. 1956.

Table of contents translated:

Shtern, I.A. - Prevention and control of asphyxia and intracranial hemorrhage in fetuses and in newborns. p. 3.
Kazarosian, R.N. - Some data on roentgenometry of the female pelvis. p. 13.
Kasab'ian, S.S. - Histochemical examination of the glycogen content of the human placenta at various stages of pregnancy. p. 17.
Porslanlnov, L.S. - Late results of a cesarean section. p. 20.
Polonskii, IA.N., Il'ina, N.V. - Comparative evaluation of a retrovesical and classical cesarean section. p. 24.
Tuganova, A.M. - Labor after corporeal cesarean section. p. 28.
IUr'eva, L.V. - Ten years of cesarean sections. p. 32.
Tabachnik, B.I. - Inertia uteri. p. 37.
Vaisman, L.E. - Clinical features of the course of pregnancy and labor in hypotensive women . p. 41.
Elber, N.S. - Dynamics of pregnandiol level variations in normal and pathologic pregnancy and during various phases of the menstrual cycle. p. 48.
Sidorov, N.E., Kapeliushnik, N.L. - Placental transplantation in the treatment of vasicogenital fistulas in women. p. 51.
Mandol'shtam, A.E. - Vaginal approach in suturing ureterovaginal fistulas. p. 58.
Trifonova, A.T. - Treatment of metrorrhagia with milfoil. p. 61.
Rymashevskii, V.K. - Infiltration anesthesia method for the anterior abdominal wall in gynecological surgery. p. 64.
Goremykin, V.I. - Local anesthesia in gynecological and obstetric surgery in the district hospital. p. 65.
Charkviani, L.I. - Formation of an artificial vagina by transplanting skin grafts from the thighs. p. 67.
Arist, I.D. - Creation of an artificial vagina by transplantation of fetal membranes. p. 68.
TSirul'nikov, M.S. - Creation of an artificial vagina by transplantation of fetal membranes. p. 69.
Mitlin, M.M. - A new method for expelling the afterbirth. p. 71.
Rybalka, E.L. - Treatment of trichomoniasis of female genitalia with liquid tar soap and hypertonic sodium chloride solutions. p. 72.
Androsova, E.N. - Estrogen-producing tumors of the ovaries. p. 74.
Apolov, S.A. - Cystic form of Brenner's ovarian tumor. p. 76.
Zheleznov, B.I. - Ovarian neoplasms of the Brenner type. p. 78.
Aleksandrova, M.A. - Volvulus and incarceration of the stomach caused by congenital diaphragmatic hernia during pregnancy. p. 82.
Korchagina, E.L. - Pregnancy and diaphragmatic hernia. p. 84.
Evdokimov, N.E. - Congenital diaphragmatic hernia. p. 86.
Ioffe, IA.I. - Embryonic umbilical hernia. p.85.
Gerasimova, M.A. - Cervical pregnancy; conservative management. p. 86.
Semenova, I.I. - Hematometra caused by cervical atresia with partial periodic secretion of blood through the tubes into the abdominal cavity. p. 88.
Vaiman, I.M. - Treatment of cervical erosions. p. 89.
Collected works of the Second Obstetrical and Gynecological Hospital (Prof. Frantisek Horalek), Brno (Czechoslovakia). p. 90.
Russian literature on obstetrics and gynecology for the first quarter of 1955. p. 92.

VOPROSY OKHRANY MATERINSTVA I DETSTVA[PROBLEMS OF MOTHER AND CHILD CARE[. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R. ]. Moscow, vol. 1, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Volovik, A. B. - Tasks of public health organs in the struggle against rheumatic fever in children. p. 3.
Slepisov, A. P. - Problems in present-day diagnosis and pathogenesis of rheumatic fever; review. p. 8.
Shteinberg, L. D. - Early detection of rheumatic fever in children. p. 16.
Rabinovich, A. L. - Clinical aspects of endocarditis of the aortal valves in rheumatic fever in children. p. 20.
Ivanova, M. V. - Course of the period following an attack of rheumatic fever in school-children under different conditions. p. 25.
Zaitseva, N. M. - Functional state of the cardiovascular system in schoolchildren suffering from rheumatic fever. p. 29.
Smirnova, A. M., El'perin, E. Z. - Materials on the clinical and immunological characteristics of rheumatic fever in children. p. 34.
Shcherbatova, E. I. - On the problem of the excretion with the urine of 17-ketosteroids in rheumatic fever in children. p. 40.
Izrail'skaia, M. A. - Pathomorphology of the central nervous system in rheumatic fever in children. p. 46.
Bubnova, M. M., Shcherbatova, E. I. - Effect of the adrenocorticotrophic hormone (ACTH) on the course of rheumatic fever in children. p. 54.
Golovanova, G. D. - Incidence of rheumatic fever according to data from rural schools. p. 60.
Neverova, N. V. - Observations on the effectiveness of mud therapy for chronic infectious polyarthritis in children at the Lipetsk health resort. p. 62.
Azletskaia-Romanovskaia, E. A. - Pregnancy and labor in women with hypertension. p. 66.
Severova, N. P. - Work practice of the republic sanatorium for rheumatic children at the Lipetsk health resort. p. 74.
Gromkovskaia, A. A., and others. - State of health and organization of medical services to children at a rural medical section. p. 77.
Gagaeva, M. A. - Work of visiting nurses in rural medical sections. p. 80.
Danilluk, I. G. - Blood transfusion to children in a rural district hospital. p. 86.
Dzhagarian, A. D., Krymskii, L. D. - Unusual case of congenital heart defect. p. 89.
Poliak, L. V. - Effect of the drug "Regenerator" on the course of scarlet fever and complicating diseases. p. 91.
Fadeeva, M. A. - Scientific conference devoted to problems of the physiology and pathophysiology of higher nervous activity in children. p. 94.

c) NEUROLOGY & PSYCHIATRY

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: NEVROPATOLOGIIA I PSIKHIATRIIA [ABSTRACTS OF SOVIET MEDICAL LITERATURE: NEUROPATHOLOGY AND PSYCHIATRY]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, no. 15, 1956.

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R. ]. Moscow, vol. 56, no. 8, 1956.

Table of contents translated:

Zurabashvili, A.D. - Basic problems in the treatment of schizophrenia. p. 605.
Zharikov, N.M., and others. - Data on immunological reactivity in schizophrenia. p. 612.
Zelinskii, S.P. - Investigation of 17-ketosteroids in urine in schizophrenia and in other psychoses. p. 622.
Rempel', S.A. - Biological diagnosis of multiple sclerosis. p. 631.
Konchakova, M.I., Shubova, T.B. - Problem of atypical

forms of multiple sclerosis. p. 634.
Rogover, A.B. - Sensory disorders in multiple sclerosis. p. 639.
Babenkova, S.V. - Disorders of cutaneous sensitivity in lateral amyotrophic sclerosis and in hepatolenticular degeneration. p. 645.
Zograbian, S.G., Sinol', S.E. - Studies on the distribution of veronal in the central nervous system using tagged atoms. p. 654.
Khazanov, M.A., Eversman, S.P. - Ophthalmotonometry and its clinical significance in diseases of the nervous system. p. 659.
Gilliarovskii, V.A. - Constructive career of L.I.Smirnov in the solution of problems in the field of pathological morphology and pathology. p. 660.
Obukhov, G.A. - Problems in the etiology and pathogenesis of schizophrenia; review of foreign literature published during 1955. p. 663.
Naumova, T.S. - The so-called "activating systems" of the brain stem; review of the literature. p. 668.
Makarova, L.G. - Electroencephalographic data in the analysis of epilepsy in works by Penfield and Jasper. p. 675.
A.L.Epshtein's lecture on "A critique of the theory of schizophrenia" at the enlarged session of the Learned Council of the Institute of Psychiatry of the Ministry of Public Health of the U.S.S.R. p. 680.

Vol. 56, no. 9, 1956.

Table of contents translated:

Sukharova, G.E. - Remote episodic psychoses following cerebral infections and trauma in children. p. 685.
Simson, T.P. - Epileptiform conditions in rheumatic fever. p. 691.
Delanov, V.Ia. - Angiospastic and convulsive syndrome in rheumatism in children and adolescents. p. 698.
Kutsemilova, A.P. - Rheumatic encephalitis with a hyperkinetic syndrome in children. p. 703.
Myshkovskaia, V.A. - Formation of focal bilateral chorea. p. 709.
Glitik, L.S. - Some clinical variations in the development of chorea minor. p. 714.
Lapides, M.I. - Clinical characteristics of oneiroid and delirious states in children in tuberculous meningitis. p. 718.
Shteinbukh, N.V., Turchenkova, V.IU. - Electroencephalographic changes in tuberculous meningitis in children during therapy. p. 725.
Kudriavtseva, V.P., Morozov, G.V., Segal', IU.E. - Some clinical and neurodynamic observations in a specific form of infantile dementia. p. 731.
Savenko, S.N., Shinkerman, N.M. - Histopathology of acute progressive poliomyelitis. p. 736.
Mel'nikov, S.A. - Pneumoencephalography in children during drug-induced sleep. 740.
Volkova, T.N., Russkikh, V. - Use of glutamic acid and characteristics of excretion of certain amino acids in Down's disease. p. 750.
Novitianskaia, K.A. - Review of foreign literature on child psychiatry published during the last 10 years. p. 757.
Timofeev, N.N., Sluchevskii, I.F. - "Clinical lectures in child psychiatry" by G.E.Sukhareva. p. 763.

ZHURNAL VYSSHEI NERVNOI DEIATEL'NOSTI [JOURNAL OF THE HIGHER NERVOUS FUNCTION]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 4, July-Aug. 1956.

Table of contents translated:

Krasnogorskii, N.I. - New data on physiology of speech activity. p. 513.
Davidenkov, S.N., Dotsenko, S.N. - Possibility of isolated damage of the visual analysor of the first and second signal systems. p. 526.
Penfil'd, U. - Psychic manifestations induced by electrical irritation of the cerebral cortex. p. 532.
Mikhalova, TS. - Treatment of bronchial asthma and of other diseases by periodic alternation of inhibition and stimulation of the central nervous system. p. 550.
Usachev, V.V. - Effect of radial acceleration on conditioned vasomotor reflexes. p. 555.
Tkacheva, G.R. - Physiological basis of kinesiotherapy of motor disorders following insultus. p. 561.
Alekseeva, I.A. - Conditioned response to complex chain stimuli under conditions of free motor activity in the dog. p. 569.
Gvishiani, G.S. - Effect of barbamil on conditioned reflex activity in dogs under normal conditions and in experimental hypertonston. p. 579.
Negovskii, V.A., Makarychev, A.I., Popova, A.V. - Dynamics of modifications of conditioned defense reflexes in animals revived following clinical death. p. 584.
Fanardzhian, V.V. - Characteristics of conditioned trace reflexes in pigeons. p. 597.
Vodiaev, V.P. - Physiology of conditioned responses to complex stimuli in fish. p. 604.
Maiorchik, V.E. - Expression of the dynamics of neural processes on electroencephalogram as related to the original functional state of the cerebral cortex. p. 612.
Gol'din, L.S., Miasishchev, V.N. - Structural modifications of the cerebral cortex following intensive excitation according to electron microscopic data. p. 621.
Sokolov, E.N. - Method for studying cutaneogalvanic and conditioned motor reflexes in man. p. 630.
Sergievskii, M.V., Kadochkin, L.N. - Critical comments on the journal "Voprosy psikhologii." p. 634.

## d) OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

VESTNIK OTO-RINO-LARINGOLOGII [REVIEW OF OTORHINOLARINGOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 18, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Sergeev, N.V. - Etiology, pathogenesis, and clinical aspects of influenza. p. 3.
Lopotko, I.A., Lakotkina, O.IU. - Creation of a model in experimental tonsillitis. p. 10.
Artiunov, A.A., and others. - Some experimental data on the pathogenesis of tonsillitis. p. 17.
Koren'kov, P.S. - Technic of aerosol inhalation in experimentation. p. 23.
Grobshtein, S.S. - Use of a hemostatic sponge and a hemostatic tampon with antibiotics in otolaryngological surgery. p. 26.
IAroslavskii, E.I. - The work of an otolaryngologist in districts of virgin soil and fallow land reclamation. p. 28.
Protopopov, N.I. - Condition of the upper respiratory tract in manganese miners. p. 34.
Preobrazhenskii, B.S. - Vasomotor and allergic highmoritis as a nosologic form. p. 38.
Kolomiitsev, V.P. - Unconditioned salivation in atrophic processes of the upper respiratory tract. p. 45.
IAkushkin, E.A. - Late complications in cases of unremoved foreign bodies of the nose and its sinuses. p. 49.
Voznesenskii, A.N. - Experience in treating respiratory tract tuberculosis with saluzid. p. 53.
Popova, O.V. - Use of intralaryngeal d'arsonvalization in scleroma. p. 58.
Evstaf'ev, N.T. - Late results of streptomycin therapy in scleroma of the respiratory tract. p. 59.
Vasil'eva, N.N. - Morphology of some forms of tracheal adenoma. p. 61.
Khilov, K.L. - "Surgical treatment of defective hearing in otosclerosis" by A.A. Atkarskaia. p. 64.
Amitin, V.I. - Abstracts of articles from the magazine "Ceskoslovenska otolaryngologie" [Czechoslovak otorhinolaryngology] for 1955. p. 68.
Pressman, L.I. - Review of abstracts from the magazine "Monatsschrift für Ohrenheilkunde und Laryngo-Rhinologie" [Monthly journal of otorhinolaryngology] for 1955. p. 71.
Shcherbatov, I.I. - "Restoration of hearing in otosclerosis by mobilization of a fixed membrane of the stapes" [in English] by S. Rosen. p. 75.
Arbuzov, N.M. - Professor Leon Antonovich Lukovskii; 30th anniversary of his medical, pedagogic, scientific and social activities. p. 78.
Likhachev, A.G., Tikhomirov, G.I. - Report of the All-Union Society of Otorhinolaryngologists for 1955. p. 79.
El'bert, B.IA. - Report on the interrepublic scientific and practical conference on scleroma. p. 91.
Supplement. p. 96.

## e) PATHOLOGY & THERAPEUTICS

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Pupko, S.L. - Electron-microscope method of biological research. p. 3.
Kolmykova, V.N., Shubin, A.S. - Electronic microscopy for acid-resistant bacteria. p. 8.
Smirnov, A.N. - A simple device for shading preparations in electronic microscopy. p. 11.
Kechek, IU.A. - Using stable standard turbidity for determining the content of proteins and their fractions in blood serum and the content of proteins in urine. p. 15.
Bolotov, M.P. - Determination of urobilin and stercobilin by fluorescence microscopy. p. 18.
Orlovskaia, E.V. - Method for examining marrow by puncturing the manibrium area of the sternum. p. 20.
Trubina, L.M. - Rapid laboratory diagnosis of rabies. p. 21.
Litvak, R.V., Sheinman, N.G. - Culturability of dysentery bacteria from mucus obtained in rectoromanoscopy. p. 23.
Kreinin, L.S. - Atypical growth of Flexner's dysenteric bacillus on bactoagar. Zh. p. 26.
Chernomordik, A.B. - Iron-citric medium for determining formation of hydrogen sulfide. p. 27.
Shtiben, V.D. - Certain improvements in bacteriological analysis for diphtheria. p. 27.
Glazman, M.G. - Determining plasma congulation in whole blood. p. 28.
Alekseev, N.G. - Stabilizer for fibrinous exudates. p. 29.
The work of the Groznyy Scientific Society of Research Physicians. p. 29.
Kost, E.A. - "Spinal fluid" by D.A. Shamburov. p. 30.
TSyganov, V.A. - "New techniques in laboratory analysis" by A.V. Florinskii. p. 32.

TERAPEVTICHESKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 28, no. 6, 1956.

Table of contents translated:

N.A. Kurshakov; on his 70th birthday. p. 3.
Gukasian, A.G. - From the eighth to the ninth congress of therapeutists. p. 6.
Gesse, M.I., Il'inskii, B.V. - Data on the etiology of atherosclerosis. p. 17.
Shestakov, S.V. - Use of dicoumarin in myocardial infarct. p. 27.
Fradkina, V.E. - Prothrombin and fibrinogen levels in myocardial infarct and stenocardia. p. 32.
Prikazchikov, A.I. - Observations on recurrent myocardial infarcts. p. 39.
Sidorovich, S.Kh. - Significance of unipolar electrocardiography in diagnosis of focal lesions of the myocardium. p. 43.
Matusova, A.P. - Modification in the functional lability of the visual analysor during therapy of coronary insufficiency. p. 54.
Davydov, N.M. - Result of the treatment of hypertension with a paravertebral procaine block. p. 60.
Zavolosnova, V.S. - Treatment of erythremia with radioactive phosphorus. p. 63.
Levchenko, M.A., Spesivtseva, V.G., Shishova, A.M. - Fate of radioiodine I-131 in tissue and organs in rabbits in experimental hypercholesterinemia and in atheromatosis. p. 71.
Sil'vestrov, V.P. - Changes in the higher nervous activity in certain forms of arterial hypotension. p. 76.
Laptev, A.A. - Relationship between endocarditis lenta and rheumatic disease. p. 84.
Minutes of sessions of the Leningrad Botkin Society of Therapeutists. p. 93.

## f) PHARMACY & MATERIA MEDICA

ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 1, no. 4, July-Aug. 1956. [With summary in French.]

Table of contents translated:

Brazhnikova, M.G., and others. - Recovery, purification, and characteristics of actinomycins formed by various cultures of Actinomyces antagonists. p. 3.
Rossolimo, O.K., Lepeshkina, G.N. - Study of the toxicity and of therapeutic properites of crystalline actinomycins. p. 5.
Trenina, G.A., and others. - Antivirubin, an antiviral antibiotic, produced by Actinomyces longispororuber. p. 9.
Rubtsova, L.K. - Chemotherapeutic effect of polymyxin in experimental infections. p. 13.
Guberniev, M.A., and others. - Study of the toxic effect of tetracyclines upon the animal organism. p. 18.
Levitov, M.M., and others. - Production of radioactive penicillin. (S35). p. 20.
IUdintsev, S.D. - The effect of starvation on the circulation of antibiotics. p. 24.
Mikhailets, G.A. - Effect of streptomycin on the course of some pathological reactions. p. 28.
Sazykin, IU.O. - The effect of certain factors on streptomycin suppression of oxidation processes in resting cells of Escherichia coli. p. 35.
Kochetkova, G.V., Popova, O.L. - Microbiologic method of identifying related antibiotic substances. p. 37.
Tebiakina, A.E., Shiriaeva, V.L., Svintsova, E.M. - Stability of the biologic activity and pharmacologic characteristics of streptomycin. p. 41.
Navashin, S.M. - Effect of antibiotics on the course of experimental dysentery intoxication. p. 44.
Elanskii, N.N., Petrova, E.M. - Focal administration of antibiotics. p. 48.
Ermol'eva, Z.V., and others. - Antibiotics as growth stimulants. p. 50.
Ivanova, G.A. - Comparative data on the distribution of tetracyclines in the body fluids of healthy humans and animals and on their elimination. p. 52.

APTECHNOE DELO [PHARMACY]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 5, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Tol'tsman, T.I. - Persistently fulfill the resolutions of the 20th Congress of the Communist Party of the Soviet Union. p. 3.
Subkhanberdin, S. - Pharmacy in Kazakhstan during the sixth five-year plan. p. 6.
Tashmukhamedov, I. - Studying prescription writing in pharmacies in the Uzbek S.S.R.: report no. 2. p. 8.
Shimanko, A.I., Lopatin, P.V. - Using the bactericidal action of ultraviolet rays in pharmacies. p. 13.
Martynova, V.A. - Experimental data from studies on an aseptic method of preparing some drugs in a Moscow pharmacy. p. 20.

Shigol', M.B. - Quantitative analysis method for determining bismuth in various combinations and drugs; report no.1. p. 24.
IAvorskii, N.P., Romaniuk, IU.F. - Exact method of quantitative determination of pyramidone. p. 27.
Nikonov, G.K. - Chromatographic method of separating substances on paper; brief review. p. 30.
Mel'nichuk, O.P. - Method for a quantitative determination of saponin derived from horse chestnut. p. 35.
Shmaruk, L.G. - Some problems in increasing labor productivity and quality of pharmacy production. p. 38.
Shvartsman, P.D. - Quantitative microdetermination of furacilin in 1:5000 solutions. p. 41.
Olifson, L.E., Markhashov, A.M. - Method of determining vitamin C by sodium silicomolybdate. p. 41.
Evdokimova, L.I. - Why is it not advisable to rely on the analysis of the supplying pharmacy? p. 44.
Gorodinskaia, V.IA., IAmpol'skaia, M.M. - On the compiling of a new article on infusions and decoctions for the Pharmacopoeia; report no. 2. Valerian infusion. p. 45.
Kalashnikov, V.P. - The problem of phytoncides and tasks of scientific and practical pharmacology. p. 49.
Bolotnikov, S.M., TSveibakh, E.I. - In the Kharkov Scientific Pharmaceutical Society. p. 52.
Liukshenkova, E.IA. - Accumulation of active substances in celandine (Chelidonium majus). p. 54.
Mamedov, G.M. - Phytochemical study of the yellow star thistle growing in Azerbaijan; preliminary report. p. 57.
Gengrinovich, A.I., Kadyrov, IA.K. - Quantitative determination of diotal. p. 58.
Khait, G.IA. - Quantitative determination of histidine hydrochloride. p. 59.
In memory of K.G. Didrik. p. 64.

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U.S.S.R.]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 10, no. 3, July-Sep. 1956.

Table of contents translated:

IAkovleva, E.V. - Chemicopharmaceutical industry during the sixth five-year plan. p. 3.
Aronov, A.K. - Automatization and continuous production in the pharmaceutical industry. p. 6.
Antonov, I.A. - Main problems in overall mechanization of the medical instruments industry. p. 10.
Dvorlakovskii, V.A. - Specialization in the medical instruments industry. p. 13.
Bliakhman, L.I. - Intensifying the rectification process. p. 17.
Suvorov, N.N. - Industrial synthesis of cortisone. p. 22.
Kirlenko, S.S., Butlerovskii, M.A. - Improved method of bilitrast production. p. 26.
Kul'bakh, V.O., Rodov, B.IA. - Mechanization of sediment removal from filters working under pressure. p. 29.
Dozortseva, P.M. - Elatin. p. 31.
Vainrib, E.A., Efros, G.A., Frid, E.A. - Some problems in the theory of the mechanical heart. p. 32.
Faingol'd, L.I. - Three-dimensional hot stamping in the medical instruments industry. p. 37.
Krasnopol'skii, M.A. - Mechanization of the needle industry. p. 41.
Frid, E.A., Martynov, L.N. - Photoelectric refraction indicator for level gauging. p. 43.
Kurts, L.IU. - Current-conducting plastic. p. 43.
Medical supplies industry at the All-Union Industrial Exhibition. p. 46.

## g) PUBLIC HEALTH & NURSING

GIGIENA I SANITARIIA [HYGIENE AND SANITATION] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 21, no. 8, Aug. 1956.

Table of contents translated:

Results and problems in the control of pneumoconiosis. p. 3.
Letavet, A.A., Khotsinov, L.K. - V.A.Levitskii, a prominent hygienist and organizer of sanitary affairs. p. 7.
Kovnatskii, M.A. - Pathogenesis of pneumoconioses. p. 13.
Latushkina, V.B. - A new device for experimental research on the effect of industrial dust on the organism. p. 18.
Grimailovskaia, V.A., Paustovskaia, V.V., Shapovalova A.Kh. - Changes in the lungs of experimental animals following intratracheal introduction of dust from mineral wool. p. 24.
Krapukhina, E.P. - Pneumoconioses in welders. p. 29.
Vorontsova, E.I., Karacharov, T.S. - Hygienic evaluation of several brands of electrodes for manual arc welding. p. 35.
Rykhter, E.V. - Experience in controlling dust in the mine of the Kizel Coal Basin. p. 41.
Plakkhin, A.S. - The dust factor and its significance in founding. p. 45.
Baron, L.I. - Some questions on the control of silicosis and anthracosis in coal mines. p. 50.
Sadkovskaia, N.I. - Hygienic charactoristics of working conditions in the glass fiber industry. p. 52.
Guterman, B.I. - A device for fastening adaptors for obtaining dust samples in the place of work. p. 54.
Glebova, L.F. - Detection of dust in nonferrous metal industry. p. 56.
Dvizhkov, P.P. - "Problems of silicosis," Trudy of the Leningrad Institute of Sanitary Medicine. p. 58.
Bykhovskii, A., Sokolovskii, I. - "Prevention of silicosis and anthracosis in mining" by L.I.Baron. p. 59.
Khukhrina, E.V. - "How to avoid contracting silicosis" by E.I.Vorontsova, A.P.Shatilov. p. 60.

Vol. 21, no. 10, Oct. 1956.

Table of contents translated:

Cherkinskii, S.N. - Problems in the hygiene of water, water supply and sanitation of waters, discussed at the Eighth Congress of Hygienists, Epidemiologists, Microbiologists, and Specialists in Infectious Diseases. p. 3.
Los', L.I., and others. - Sanitary protection of the future Stalingrad Reservoir. p. 11.
Generalov, A.A. - Characteristics of the oxalic method of measuring ultraviolet radiation. p. 15.
Sankovich, N.N., Frykin, S.S. - Standardization of a forced-air heating system with a concentrated air outlet. p. 20.
Sorinson, N.S., Smirnova, V.G. - The effect of oxyethylated polymer destillate on the skin and its use as a detergent in the chemical industry. p. 26.
Serebrianaia, S.G. - Hygienic characteristics of foodstuffs obtained from plants treated with DDT. p. 29.
Meller, M.S., Shteinberg, G.B. - Experience in detailed analysis of temporary incapacity to work due to illness. p. 30.
Grigor'ev, Z.E. - Ways of decreasing morbidity in factories producing liquid fuel. p. 44.
Mezentseva, N.V. - Materials describing the toxicity of dimethylamine. p. 47.
Erman, M.I., and others. - Hygienic working conditions in benzene divisions, in benzene rectification shops, in resin distillation shops in by-product-coking plants. p. 50.
Komm, D.G. - Sanitary and hygienic characteristics of the Novosibirsk Reservoir; prognosis of the quality of water. p. 52.
Galanin, N.F. - Scientific conference of the Leningrad Institute of Sanitation and Hygiene. p. 54.
Salchnovskii, IA.D. - Activities of the Kharkov branch of the All-Union Scientific Society of Hygienists in 1955. p. 57.
Sovetov, S.E. - "Bulletin of the Institute of Physical Education and School Hygiene" [in Bulgarian]. p. 59.
Gorbov, V.A. - Review of the book "Hygienic use of refuse in agriculture in suburban areas" by G.V. Eremeev. p. 61.
Professor S.M. Aranovskii; obituary. p. 62.
Professor A.N. Tregubov; obituary. p. 63.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 15, no. 9, Sep. 1956.

Table of contents translated:

Magazanik, G.L. - Stenocardia. p. 3.
Tregubenkova, T.F. - Endocarditis. p. 8.
Shneiderovich, M.G. - Hypertension. p. 12.
IUrenev, P.N. - Acute and chronic cardiovascular insufficiency. p. 16.
Golosova, V.G. - Care for patients with myocardial infarction. p. 21.
Koreva, L.D. - Exercise therapy in cardiovascular diseases; work with patients. p. 24.
Geizer, L.IA. - Matvei IAkovlevich Mudrov; on the 180th anniversary of his birth and the 125th anniversary of his death. p. 26.

## h) SURGERY & DENTISTRY

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 32, no. 7, July 1956.

Table of contents translated:

Ivanov, V.A. - The problem of surgical infection. p. 3.
Osipov, B.K. - Clinical aspects and surgical treatment of suppurative pulmonary cysts. p. 14.
Bogush, L.K., Shadrin, V.P. - Differential diagnosis of casenma and of peripheral cancer of the lung. p. 24.
Troitskii, A.A. - Treatment of chronic osteomyelitis. p. 29.
Filenko, E.M. - Conservative radical surgery in chronic gunshot osteomyelitis. p. 34.
Nesterov, I.V. - Prevention of suppuration in surgical wounds. p. 38.
From, A.A. - Intra-arterial infusions of novocaine with penicillin in the treatment of inflammatory diseases of the extremities. p. 41.
Svistunenko, A.I. - Intra-arterial infusion of therapeutic substances according to data from an all-Union survey. p. 45.
Kon'kov, E.A. - Therapeutic significance of emulsions with a high dispersion rate. p. 48.
Svestovidova, V.M., Kovaleva, I.D. - Aerobic microflora of accident wounds in peace time and effectiveness of antiseptics in the control of microbial infections. p. 50.
Astrakhan, V.I. - A method for determining the quantity of wound exudate. p. 54.
Medvedev, N.P. - Cytology of suppurating wounds. p. 55.
Putov, N.V. - The action of penicillin in an infected wound containing regions of necrosis; experimental study. p. 59.
Sikolenko, F.S. - Treatment of acute peritonitis with antibiotics. p. 62.
Mamamtavrishvili, D.G. - Method of treating patients with anus preternaturalis. p. 64.
Beliaev, A.A. - Intestinal intubation in the prevention and therapy of gastrointestinal paralysis. p. 69.
Manoilov, S.E., Vol'fson, T.I. - Treatment of slowly healing wounds with concentrated preparations of vitamin A, carotene and stickleback oil combined with penicillin. p. 74.
Koropatnitskaia, O.L., Ermolovich, IA.E., Zelenova, N.B. - Morphological reactions of the peritoneum in intraperitoneal prophylactic penicillin injections. p. 75.
Ton Thhat Tung, Khaong Su, Ngien Sang. - A case of congenital parasitic abnormality. p. 76.
Dykhno, A.M. - One-stage total resection of the colon and rectum. p. 78.
Akmalov, M.K. - Two cases of total hemotogenous osteomyelitis of the femur and the shin bone. p. 80.
Mozentsev, G.A. - Postoperative pneumoperitoneum. p. 82.
Fel'dshtein, M.A. - A device for measuring wounds. p. 84.
Korchagina, E.L. - Preliminary observations on washing hands with diocide. p. 86.
Svintukhin, V.M. - Professor V.I. Razumovskii. p. 87.

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, vol. 77, no. 9, Sep. 1956.

Table of contents translated:

Kuslic, M.I. - Surgery for complications of poliomyelitis [with summary in English, p. 158]. p. 3.
Berkutov, A.N., Volikov, A.A., Smetanin, L.A. - Potentiated anesthesia and hypothermia in the treatment of severe injuries [with summary in English, p. 158]. p. 19.
Gvindzhiliia, V.I. - Technic of cutting out flaps from the sartorius muscle [with summary in English p. 158]. p. 28.
Ostapenko, G.U. - Topographicoanatomical principle of muscular tampons in femoral cavities [with summary in English, p. 159]. p. 32.
Markizov, F.P. - Venous supply of bones in man [with summary in English, p. 159]. p. 37.
Sipovskii, P.V. - Some results of a study on the effect of medullary nails on the healing of fractures and on the condition of bone tissue [with summary in English, p. 159]. p. 40.
Serebrov, M.A. - Anatomical surgical principles of ligation of the gluteal arteries. p. 54.
Ardamatskaia, A.N. - Pathogenesis of metastatic periparaphlebitis [with summary in English, p. 159]. p. 60.
Milovidova, V.M. - Changes in skin temperature and of capillaroscopic and chronaximetric data in thrombophlebitis of the extremities. p. 66.
Aktkova, A.T. - Changes of the venous bed in endarteritis [with summary in English, p. 160]. p. 73.
Petrov, V.I. - Free skin grafting in radiation sickness [with summary in English, p. 160]. p. 85.
Skurkovich, S.V. - Treatment of thermal burns with immune serum [with summary in English, p. 160]. p. 90.
Garin, N.D. - Our observations and evaluation of tissue therapy [with summary in English, p. 160]. p. 95.
Golovin, G.V. - Bone homoplasty. p. 100.
Korobko, L.T. - Plastic resection of a giant cell tumor in a joint with preservation of joint function. p. 114.
Kostrikov, V.S. - Complete cure in a case of localized fibrous osteodystrophy of the upper third of the humerus. p. 117.
Rakhmanov, Kh.D., Dokuchova, N.F. - Multiple cartilaginous exostosis. p. 120.
Shushkovskii, I.I. - Brucellar bursitis of the knee joint. p. 123.
Divnenko, P.G. - Combined papillomatoses of the kidney pelvis, ureter, and bladder. p. 126.
Kuprianov, P.A. - Visiting British surgeons. p. 131.
Dombrovskaia, IU.F., Vishnevskii, A.A., Damir, A.M. - "Congenital heart defects; pathology, clinical aspects, surgical treatment by A.N. Bakulev, E.N. Meshalkin. p. 143.
Uglov, F.G. - "Echinococcus of the lungs" by I.IA. Dolneka. p. 144.
Minutes of sessions of the Pirogov Surgical Society. p. 146.
In memory of René Leriche. p. 155.
Summary of original articles. p. 158.

VOPROSY NEIROKHIRURGII [PROBLEMS OF NEUROSURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 20, no. 4, July-Aug. 1956.

Table of contents translated:

T'u T'un-chin. - Blood supply of the gasserian ganglion. p. 3.
Bokov, D.B. - Surgical anatomy of the large Galen's vein. p. 6.
Vasil'chenko, G.S. - Coagulation of the thalamotuberine artery for cutting off the blood supply to the anterior section of the thalamus in dogs. p. 15.
Krupin, E.N. - Use of radon for topical diagnosis of tumors of the spinal cord. p. 16.
Grinberg, S.A. - Electrodiagnosis of tumors of the spinal cord. p. 21.

Vinogradova, I.N., Vikhert, T.M., Kandel', E.I. - Thromboembolism of the heart and of the pulmonary following surgery of the spinal cord. p.26.
Itaudam, E.I. - Negative pressure in the spinal epidural space and its significance in diagnostics. p. 34.
Agte, B.S., Shatsman, L.E. - Indications for surgical intervention in closed fractures of the spine. p. 38.
Zlotnik, E.I. - Prolonged pain syndrome connected with dystopia and compression of the sacral ganglion. p.44.
Bul'ba-Popkov, V.S., Dimenshtein, L.E., Golubeva, I.V. - Set of instruments for bipolar coagulation. p.45.
Chlbukmakher, N.B., Zotkina, Z.A. - Sessions of the Kharkov Neurosurgical Society. p.48.
Markov, D.A., Pavlovets, M.V. - Sessions of the neurosurgical section of the White Russian branch of the All-Union Society of Neuropathologists and Psychiatrists. p.52.
Abstracts of foreign periodical literature. p.55.
Smirnov, L.I. - "Angioreticuloma of the brain." E.V. Sanidt. p.58.
Emdin, P.I. - "Principles of practical neurosurgery." p. 59.
In memory of A.IU. Sozon-IAroshevich. p.63

Vol. 20, no. 5, Sep.-Oct. 1956.
Table of contents translated:
Arendt, A.A. - Tenth anniversary of the death of Academician Nikolai Nilovich Burdenko. p.3.
Shlykov, A.A. - Anatomophysiological principles of surgery in parabasal wounds penetrating into the cerebrocranial cavity. p.8.
Volynkin, N.M. - Radical therapy of infiltrated forms of arachnoid endotheliomas of the brain; block resection method. p.13.
Kornianskii, G.P. - Ventriculocisternostomy. p.19.
Salazkin, M.A. - Surgery in mixed forms of cerebral edema. p.24.
Kopylov, M.B. - Roentgenological signs of compensatory significance in the cranium and in the brain. p.29.
Konovalov, IU.V. - Difficulties in diagnosing tumors of the cisterna transversalis of the brain. p.38.
Purin, V.R. - Method for long-term measurement of intracranial pressure in animals. p.44.
Burlutskii, A.P. - Associated form of congenital monstrosity of the cranium and of the brain. p.46.
Martirosian, V.V. - Subacute duodenal ulcer in papilloma of the vascular plexus of the fourth ventricle. p.48.
Epshtein, P.V. - Significance of endocrine metabolic disorders in the diagnosis, prognosis, and therapy of tumors of the pituitary. p.49.

## 1) VENEREOLOGY & DERMATOLOGY

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: KOZHNYE I VENERICHESKIE BOLEZNI [ABSTRACTS OF SOVIET MEDICAL LITERATURE: SKIN AND VENEREAL DISEASES]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, no. 9, 1956.

# 15. AGRICULTURE

## a) GENERAL

AGROBIOLOGIIA [AGROCIOLOGY]. Organ of Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I.Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 5(101), Sep.-Oct. 1956.
Table of contents translated:
Okanenko, A.S. - Making use of the physiological and biochemical characteristics of various beet forms for increasing the sugar content of the sugar beet. p. 3.
Maurina, H.A. - Course of development of some corn varieties and hybrids in the Latvian S.S.R. p. 16.
Shulyndin, A.F., Manziuk, V.T. - Resistance of hard wheat hybrids to the frit fly. p. 22.
Girfanov, V.K., Rakhimov, E.M. - Conversion of the Lutescens 62 spring wheat to winter wheat. p. 30.
Orshanskaia, V.N., Ordzhonikidze, N.P. - Laboratory method for faster testing of citrus plants for resistance to mal secco. p. 35.
Zhdanov, L.A., Alekseev, A.P. - Vegetative hybridization of the sunflower. p. 45.
Golovtsov, L.A. - Experiments on interspecific vegetative hybridization of grains. p. 56.
Volkova, N.K. - Inheritance of the qualities and characters of the Aport variety in hybrid progeny and their variation due to the mentor effect. p. 62.
Okhova, E.P. - Variation in tomatoes as a result of vegetative hybridization. p. 70.
Glavinic, Ruzica. - Vegetative hybridization between cotton species with different chromosome numbers. p. 77.
Gelier, I.A. - Use of bacterial fertilizers for sugar beets. p. 83.
Pinevich, V.V. - Effect of azotobacterin on the grain quality of wheat. p. 92.
IArovenko, V.V., Suchalkina, M.I. - Effectiveness of Mal'tsev's tillage system on slopes. p. 95.
Sedlmayr, Kurt. - Role of polyploidy in sugar-beet breeding. p. 102.
Kuz'min, A.IA., Chuvashina, N.P., Zhironkin, I.M. - First tetraploid plants of the currant genus. p. 108.
Nurmisto, B.H. - Degeneration of some interspecific vegetative potato hybrids. p. 114.
Rabinovich, V.M., Rabinovich, S.V. - Tillering zone or head of perennial leguminous grasses, erroneously called the root neck. p. 125.
Mauer, F.M. - Results of testing new chemical preparations for preharvest defoliation of cotton plants. p. 134.
Professor Aleksandr Fedorovich Gubin (1898-1956; obituary. p. 141.
Bodrov, V.A. - Prospects for spot seeding oak. p. 142.
Zauralov, O.A. - Characteristics of the phasic development of water melons and muskmelons. p. 144.
Gern, A.P. - Frost-resistant potato varieties. p. 146.
Kuminov, E.P. - Everbearing raspberries. p.146.
Vashchenko, S.F. - Phasic development of cucumbers. p. 149.
Prodan, T.K. - Heterogeneity of the seeds of Salsola ruthenica Iljin and their morphological characteristics. p. 151.
Khalifman, I.A. - Using bees for obtaining hybrid cotton seeds. p. 153.
Novikov, A.A. - Unpublished manuscripts of I.V.Michurin. p. 156.
I.S. - From the pages of foreign agrobiological publications. p. 157.
Books received by the editor for comment. p. 158.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie i sel'skokhoziaistvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Biological and Agricultural Sciences], Erivan, vol. 9, no. 9, Sep. 1956.
Table of contents translated:
Stepanian, G.G. - Nature of the chemical substances of blood during the periodic activity of the digestive apparatus when not in the process of digesting. p. 3.
Oganesian, S.S. - Comparative characteristics of the activity of blood catalase in different animals. p. 9.
Stepanian, T.Kh. - Conditioned reflex changes in certain blood components. p. 15.
Grigorian, V.Z. - Effect of certain kinds of external stimuli on the course of experimental epilepsy. p. 23.
Oganesian, A.S. - Effect of stimulation by cold on the reabsorption of phosphates and chlorides in the kidneys. p. 33.
Chatlakhian, M.Kh. - Physiological state of cuttings from nonrooting plants and the effect of growth-promoting substances. p. 39.
Panosian, A.K., Akhinian, R.M., Nalbandian, A.Dz. - Effect of fertilizers on the activity of azotobacterin. p. 51.
Ter-Grigorian, M.A. - Mealy bug (Phenacoccus Tergrigorianae Borchs.), a grain pest of the Armenian S.S.R. p. 57.
Grubant, V.N., Rudaeva, A.V. - Some new data on the snakes of Armenia. p. 63.
Demurian, G.S., Kostanian, B.A. - Effect of various methods of sexual reproduction on the mechanical and chemical composition of tomatoes. p. 71.
Abramian, A.G. - Dynamics and interrelations of basic plant associations of the highest altitudinal forest zones of northern Armenia. p. 85.
Dzhanpoladian, L.M., Mndzhoian, E.L. - On the composition of wood of Armenian oaks as raw material for the cognac industry. p. 95.
Kazumov, N.B., Alaverdian, M.B., Akhnazarian, R.N. - Madeirizing wines of varied composition. p. 103.
Enfiadzhian, L.A. - Some ornamental forms of the pomegranate. p. 109.
(DA)

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Otdel pochvovedeniia. Trudy [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Department of Soil Science. Transactions]. Frunze, no.6, 1955.
Table of contents translated:
Rotchenko, G.I. - Soils of the level part of the Ketmen'-Tyube Valley. p.3.
Mamytov, A.M. - Soils of Central Tien Shan. p.17.
Bazhenov, N.K. - Bringing rocky soils of the Issyk-Kul Valley under cultivation. p.37.
Zorin, M.A. - Soil acidification in areas of the Chu Valley where vegetables and potatoes are included in crop rotations. p.43.
Fedichkin, G.IA. - Methods of growing hemp and ambary in the zone of light Sierozems of the Chu Valley. p.63.
Dashevskii, L.I., Antonova, T.N. - Methods for determining free $P_2O_5$ in carbonaceous soils. p.73.
Dashevskii, L.I., Antonova, T.N., Nichiporenko, O.M. - Methods of determining free $K_2O$ in soil. p.77.

AKADEMIIA NAUK SSSR, Kirgizskii filial, Frunze. Otdel pochvovedeniia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Kirghiz Branch, Department of Soil Science. Transactions]. Frunze, no.4, 1953.
Table of contents translated:
Mikhailov, D.IA. - Soil Science Section after five years. p.3.
Roichenko, G.I. - Sierozems of northern slopes of the Turkestan Range and their utilization. p.7.
Mamytov, A.M. - Effect of perennials on soil structure in the Kochkur Valley of Tien Shan. p.23.
Mikhailov, D.IA. - Possibility of simultaneous control of soil erosion and salinization. p.45.
Kurbatov, M.S. - Alkalinization of soils by irrigation and ways of controlling it. p.53.
Zolotarev, S.N., Dashevskii, L.I. - Results of an experiment at a permanent field station for the reclamation of saline waste lands in the Chu Valley. p.67.
Zorin, M.A. - Salt tolerance of strawberries and raspberries in the Chu Valley. p.75.

KAZAKSTANNYN AÚYL SHARÚASHYLYĞY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 11, Nov. 1956. [In Kazakh.]

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda," Moscow, vol. 35, no. 11, Nov. 1956.
Table of contents translated:
Great victory. p. 2.
Novikova, T. - In the village of Lyutorichi. p. 3.
Rakitnikov, A. - "...I'm well off here..." p. 6.
Leont'eva, E. - At an international seminar. p. 9.
Malkova, K. - Incident on a pasture; a story. p. 11.
With a firm step. p. 14.
Belinovich, N. - Guardian of tales and songs. p. 15.
Abramova, A. - French painting. p. 17.
Tolmachev, M. - The spring of humanity; verse. p. 19.
Kashpurov, I. - Little apple trees; verse. p. 19.
Khmara, V. - Meeting India. p. 19.
Kochkonogova, N. - Books and people. p. 21.
Akulenko, G. - The Semenoev family. p. 23.
Ostroumov, G. - The machine works independently. p. 25.
Applov, V. - Troshka's revenge; a story. p. 27.
"Various fates." p. 28.
Piskunov, M. - Prevention of speech disorders. p. 29.
Styles. p. 31.
How to cook. p. 32.

MOLODOI KOLKHOZNIK [THE YOUNG COLLECTIVE FARMER]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 23, no. 9, Sep. 1956.
Table of contents translated:
Kuranov, IU., Alekseev, G. - Rich harvest. p. 2.
First festival of the republic. p. 4.
Popov, Vladimir. - Prague, Budapest, Berlin, Bucharest, Warsaw, Moscow. p. 6.
Snegov, B. - Taming of the Syr Darya. p. 7.
Ratanov, A. - Our mind, our honor and conscience. p. 8.
Petrov, A. - Family profession. p. 9.
Marfin, M. - The people build. p. 11.
Geguzin, S. - In the house of the Siberians. p. 13.
Vorob'ev, Evgenii. - Rushing through the years. p. 15.
D'iakonov, Gennadii. - We have finished plowing... p. 18.
Khalletskii, Georgii. - Birth of a fairy tale; a story. p. 19.
Flogon, Alecu. - Golden fleece. p. 20.
Santa, Ferenc. - We were many; a story. p. 21.
Samburov, M. - In our Gremyachevo. p. 25.
Shakhmatlov, Ch. - Sportsmen of a Kuban stanitsa. p. 26.
Smol'nikov, A. - In the main direction. p. 28.
Lesokhin, IU. - People and gardens. p. 28.
Bazhanov, B. - If you want to be healthy... p. 30.
Alekseev, D. - Russian birch. p. 31.

Vol. 23, no. 10, Oct. 1956.
Table of contents translated:
Nikolaev, G. - The workers. p. 2.
Ivanchenko, Aleksandr. - This is how it was...; letter to a Chinese friend. p. 4.
Korzinkin, Sergei. - Altai, fertile land; verse. p. 5.
Zaitsev, K.I. - Concern of the whole country. p. 6.
Chuksin, L., Golyshev, N. - Let's calculate the cost of producing a centner of grain. p. 7.
Sergeev, K. - Work calls youth. p. 8.
Bychkova, O. - A couple of hearts. p. 9.
Belkin, Evgenii. - Young and determined. p. 11.
Chebaevskii, Nikolai. - The conscience; a story. p. 12.
Bocharov, A., Artemenko, B., Klushkin, I. - A word to automobile designers. p. 14.
Savchinskii, V.M. - Our tomorrow. p. 16.
Let's be frank. p. 19.
Roberts, Morley. - A man and his work; a story. p. 22.
Khromov, K. - Let the orchard bloom! p. 24.
A detachment of friends. p. 25.
Roslinkova, Anfisa. - About Mother Earth and her daughters; a fairy tale. p. 27.
It depends on you. p. 28.
Granov, N. - The girl from Mednoye. p. 30.
Irish humor. p. 31.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR THE MECHANIZATION OF AGRICULTURE. Transactions]. Moscow, vol. 23, 1956.
Table of contents translated:
Ardashev, G.R. - Wear of lugs and its effect on the

traction of wheeled tractors. p.3.
Karimov, A.A. - Studying the system of air cleaning in D-54 engines. p.42.
IAkobi, M.A. - Studying the wear of parts of the D-54 engine. p.82.
Begidzhanova, A.P. - Basis of the system of repair sizes for aluminum bimetallic bearing linings. p.94.
Veliev, M.I. - Repair of worn diesel engine bearings lined with leaded bronze. p.117.
Poliachenko, A.V. - Some technological problems in using the electric spark method for strengthening machinery parts. p.135.

POCHVOVEDENIE [SOIL SCIENCE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1956. [With French summaries in insert.]

Table of contents translated:
Aran', Sh. - Classification of saline soils of the Great Hungarian Plain. p.1.
Florea, N. - Accumulation of salts in ground waters of the northeastern part of the Rumanian Plain (area between the Buzau River and the Calmatuiu Valley). p.11.
Sobolev, S.S., Sadovnikov, I.F. - Controlling wind and water erosion of soils in the U.S.S.R. p.18.
Zavalishin, A.A., Chekalova, M.I. - Characteristics of dark-colored soils in the Onega region of Karelia. p.30.
Piaskovskii, B.V. - One form of loess and matrix contacts. p.40.
Kheifets, D.M. - Studying the movement and accumulation of phosphorus in the rhizosphere soil. p.49.
Lysenko, M.P. - V.V.Dokuchaev and the problem of loess. p.59.
Remezov, N.P. - Role of the biological cycle of elements inthe formation of soils under the forest canopy. p.68.
Zona, S.V. - Interrelation and interaction of forest vegetation and soils. p.80.
Gavriliuk, F.IA. - Plan for zoning soils of Rostov Province according to agricultural use. p.92.
Bagdasarashvili, Z.G. - Studying the use of processed gumbrin in viticulture. p.102.
Dimo, V.N., Kumpan, L.E. - Using processed gumbrin for turf-Podzolic sandy-loam soils of Moscow Province. p.106.
Pustovoitov, N.D. - Instrument for determining the stability of soil structure in undisturbed soil samples. p.111.
Kader, G.M. - Degree of variation in the chemical properties of Solonetz soils of the Chernozem region. p.115.
Hsiung, I. - Sectional soil sampler. p.122.
Shkonde, E.I. - "Fertilizers and their use." p.124.
Kaplinskii, M., Artiaev, P. - "Soils of irrigated areas in the central trans-Volga region" by V.P.Glukhovtsev. p.125.
Shkonde, E.I. - Work of the Agricultural Chemistry and Soil Science Section of the House of Science of the U.S.S.R. Academy of Sciences in Moscow during the period of 1953-1955. p.127.
Factors in soil formation, genesis and geography of soils. p.129.
Soil mineralogy. p.130.
Physical properties of soil and methods of research. p.130.
Soil chemistry and methods of research. p.131.
Biology and microbiology of soils. p.132.
Soil fertility, fertilizers, and tillage. p.132.
Soil improvement. p.135.
Forest soil science and the improvement of forests. p.135.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistvn RSFSR and Ministerstvo sovkhozov RSFSR [Ministry of Agriculture of the R.S.F.S.R. and Ministry of the State Farms of the R.S.F.S.R.]. Saratov, no. 9, Sep. 1956.

Table of contents translated:
Be well prepared for wintering cattle. p.3.
Omel'chenko, A.D. - In the "Volga Valley" pavilion. p.7.
Bova, N.V. - Zoning the southeast according to agricultural metcorology. p.14.
Guliaev, V.R. - Necessity for a basic re-evaluation of the role of crop rotations. p.21.
Korobov, P.P. - Fall cultivation of plowed fields. p.26.
Chistiakova, L.D. - Subsoiling and weeds. p.29.
Sinel'shchikova, O.S. - Methods of conserving moisture in fall-plowed fields of Saratov Province. p.31.
Nikiforov, A.N. - Fall saturation irrigation for sunflowers. p.34.
Marushev, A.I. - Preparing seed corn for storage. p.37.
Pel'tsikh, L.A. - Southern hemp on collective farms of the Chuvash A.S.S.R. p.41.
Shumakov, B.A., Skripchinskaia, L.V. - Prospects for growing rice in the flood land and delta of the Volga River. p.44.
Radchenko, V.S. - We are increasing the milk yield. p.50.
L'vitsyn, A.F. - Raising young beef cattle on collective farms of Astrakhan Province. p.53.
Prunov, G., Dobrynin, F. - Twenty-three centners of pork to a hundred hectares of plowland. p.56.
Kiiushkin, K.I., Mol'nikov, I.I. - Ways of increasing the fertility of sows. p.58.
Kovyrialov, IU.P. - Some problems in intensifying production in the steppe region. p.60.
Abramovich, A.A., IAgudin, Z.Kh. - Calculating the economic effectiveness of various crops grown on the collective farm. p.63.
Kurkin, M.I. - For economical farm management. p.66.
Sinitsyn, I.E. - On a progressive collective farm. p.72.
Bova, N.V. - Surface frosts in Saratov Province. p.75.
Viaz'min, N.K. - Accelerated meadow formation on flood lands. p.76.
Venediktov, B.T. - Kilinchi onion variety. p.77.
Mal'kov, F.M. - New developments in feeding swine. p.78.
Dudarev, V.M. - Narrow-row sowing of corn for grazing. p.79.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serila Remont traktorov, sel'khozmashin i avtomobilei [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on Repairing Tractors, Agricultural Machinery, and Trucks]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serila Traktorist, kombainer i shofer [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series for Tractor and Combine Operators and Truck Drivers]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

TEKHSOVETY MTS [TECHNICAL ADVICE TO MACHINE-TRACTOR STATIONS]. Published by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 17, no. 16, Aug. 1956.

Table of contents translated:
Pereverzev, A. - Improving the STU-0,7 hay stacker. p.1.
Rudenko, A. - Using diesel oil settling tanks in tractor work teams. p.10.
Kuziutkin, A. - Swedish organomineral fertilizer spreaders. p.14.
AG-L6 aerosol generator (text for cover drawing). p.16.

Vol. 17, no. 17, Sep. 1956.

Table of contents translated:
Korsakov, A. - AKK-1, 2 unit for preparing mixed feed. p.1.
Kashekov, L., IAkushenkov, S. - Boring and pumping unit designed by V.Vidanov. p.4.
Solovei, A., Chekalov, A. - Hitch for cultivating orchards. p.9.
New plows. p.12.
Novikov, A. - Agricultural machinery at the industrial exhibition in Milan, Italy (1956). p.15.
DT-57 tractor (text for cover drawing). p.16.

Vol. 17, no. 18, Sep. 1956.

Table of contents translated:
Kovalenko, A., Karevin, I. - Mechanized removing of silage from trenches and pits. p.1.
Liubchenko, A. - Attachment for running-in "Belarus'" tractor engines. p.15.
PN-3-35 plow (text for cover drawing). p.16.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I. LENINA. Doklady [ALL-UNION LENIN ACADEMY OF AGRICULTURAL SCIENCES. REPORTS]. Moscow, vol.21, no.10, 1956.

Table of contents translated:
Samoilov, I.I., Nesterova, E.I. - Effectiveness of calcium silicophosphates, a new type of phosphorus fertilizer. p.3.
Rakitin, IU.V., Ovcharov, K.E. - Effectiveness of cotton defoliants. p.9.
Shevchuk, T.N. - Local varieties of beans (Phaseolus L.) in Transcarpathia. p.14.
Goncharik, M.N. - Summer and fall frost damage to potato tops and further accumulation of tuber yields. p.19.
Kuz'min, A.IA., Chuvashina, N.P., Zhironkin, I.M. - Tetraploid currant. p.23.
Kir'ialova, E.N. - Increasing the fermentation activity of dry yeast cultures. p.29.
Shergin, N.P. - Role of fructose in artificial insemination. p.35.
Amarbaev, A.M. - Water metabolism in Lincoln sheep during their acclimatization to the continental climate. p.40.
Neiman, G.B. - Efficiency rating of potato harvesting machines. p.44.

## b) ANIMAL INDUSTRY

KARAKULEVODSTVO I ZVEROVODSTVO [KARAKUL BREEDING AND FUR FARMING]. Organ of Ministerstvo sovkhozov SSSR [Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 9, no. 5, Sep.-Oct. 1956.

Table of contents translated:
IUdin, V.M., Brigis, O.I. - Importance of age in repeating successful matings of Karakul sheep. p.3.
Dlachkov, I.N. - Improve the way of judging Karakul lambs on the basis of curl retention and the quality of hair. p.10.
Ivanenko, V.I. - Effectiveness of mating only gray Sokolka sheep to obtain gray lambs. p.14.
Shimanov, V.G. - Effect of the pasture plant Psoralea drupacea on the sexual functions of the female. p.17.
Kantsepol'skii, A.S., Feigin, A.I. - Wool of Karakul sheep and its industrial uses. p.20.
Abramov, M.D. - Can blue foxes be fed the same rations as silver foxes? p.25.
Perel'dik, N.Sh. - Rationed feeding of high-quality feeds is the basis for high reproductive capacity in fur animals. p.30.
Illarionov, S.A., Nikitina, A.N. - Early culling of defective vixens of the breeding stock and preliminary selection of cubs. p.34.
Belous, I.S., Chekrygina, A.V. - Progressive work practices of M.A.Kriukov, fur breeder of the "Malkhe" collective farm. p.37.
Pokudin, A.A., IArmoshkevich, A.I. - Prevention and treatment of pneumonia in Karakul lambs. p.41.
Martynov, V.F. - Controlling opisthorchosis in silver foxes. p.44.
Dubnitskii, A.A. - Sources of the infection of blue foxes with Uncinaria. p.45.
Sopel'chenko, M.I. - Manure and wool of the sheep as sources of the spreading of dictyocaulosis. p.46.
Afanas'ev, V.A. - Notes on Scandinavian fur farming. p.47.
A.K. - Raising chinchillas in captivity. p.53.
E.R. - Heat control. p.54.
P.B. - Conference of Siberian and Altaian state fur workers. p.55.
Kholin, G.E. - Leading shepherds. p.57.
Nalimov, A.I. - Feeding mushrooms to fur-bearing animals. p.60.
Babenko, E.S. - Two leading fur farming sections of Estonian state stock farms. p.61.
Panin, B.V. - Device for recording work of the internal organs of sheep at a distance. p.62.

KHARKOV. VETERINARNYI INSTITUT. Sbornik trudov [VETERINARY INSTITUTE. Collected papers]. Vol. 20. 1949 [Publ. in 1950].

Table of contents translated:
Lukashov, I.I.-Kharkov Veterinary Institute on the 32d anniversary of the October Revolution. p.3.
Telegin, V.A. - Variability in the branching of the common brachiocephalic trunk, the left subclavian and the brachiocephalic arteries in domestic animals. p.8.
TSymbal, T.G. - Quantity and topography of epithelial bodies in horses. p.24.
Lisitskii, E.F., Krok, G.S. - Embryonic development of chicks in an indoor-type incubator ("Ukrgigant"). p.29.
Krok, G.S. - Study of the embryonic development of geese. p.37.
Krok, G.S. - Structure and functions of the liver in the chick embryo as related to its age. p.42.
Shcheglov, A.M. - Water metabolism in chick embryos. p.48.
Simonenko, N.M. - Materials on the pharmacodynamics and pharmacotherapy of disulfane in animals. p.50.
Arskii, Kh.T. - Conditioned salivary reflexes in horses. p.64.
Chervov, V.G. - Using the dielectrical method in studying the action of pharmacological preparations on the organism of horses. p.72.
Gorb, T.V. - Effect of vegetable protein concentrates on the milk productivity of sheep. p.77.
Sarzhevskii, N.V. - Materials on the characteristics of goats in Kharkov Province. p.83.
Rakhmaninova, G.N. - Vitamin C content of the milk of the main cow breeds proposed for the Ukraine. p.89.
Niklin, M.G. - Data on swine as carriers of the virus of Aujesky's disease. p.101.
Rotov, V.I. - Differential diagnosis of infectious encephalomyelitis and a neural form of nuttalliosis. p.116.
Bogacvskii, A.T. - Comparative rating of serological and allergic methods for diagnosing brucellosis in horses. p.123.
Nosik, A.F. - Gastrophilosis in horses and methods for its control. p.130.
Nosik, A.F. - Morphological and biological peculiarities of larval (cystic) forms of Echinococcus granulosus. Report no. 1. p.137.
Nosik, A.F. - Morphological and biological peculiarities of cystic forms of Echinococcus granulosus. Report no. 2. p.146.
Nosik, A.F. - Acquired and age-dependent immunity in echinococcus of the intestines in dogs. p.158.
Litvishko, N.T. - Peculiarities of the metamorphosis of the itch mite Chemidocoptes mutans. p.163.
Litvishko, N.T. - Changes in the intestinal tissues in dogs during migration of Toxocara canis larvae. p.177.
Persinev, N.S. - Classification of colics in horses. p.186.
Zimogliad, N.A. - Prognostic significance of phlebotonometry in some diseases of the internal organs in horses. p.194.

Logvinov, D.D. - Effect of X rays on the skin of dogs. p. 200.

German, V.A. - Iso-anaphylaxis in repeated blood transfusions in horses and methods for its control. p. 207.

Magda, I.I. - Lumbar girdle epidural anesthesia in cattle. p. 210.

Kalashnik, L.A. - Parasacral anesthesia in dogs. p. 218.
(DA)

KONEVODSTVO [HORSE BREEDING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 26(10t), no. 10, Oct. 1956.

Table of contents translated:

Barminisev, IU. - Urgent problems in the development of the range-herd system of horse breeding in Kazakhstan. p. 1.

Remizov, A. - Harness horses at the All-Union Agricultural Exhibition. p. 7.

Pollakh, P. - Horse-breeding section of the Budennyi Collective Farm. p. 16.

Molchanova, N. - Some physiological indexes for checking the development of young horses. p. 19.

Brestkin, I. - Raising and using horses at the "Revolutsionnyi Trud" plant. p. 22.

Syresin, I. - Using horses on the Kirov Collective Farm. p. 23.

Smirnov, O. - Fish meal as a protein and mineral feed for foals. p. 25.

Shchetnov, M. - P-2 chaff grinder. p. 26.

Kryzhitskaia, L. - At the sports festival of the peoples of the U.S.S.R. p. 29.

Alekseenko, V., Laskov, A. - Some problems in training jumpers. p. 36.

Equestrianism should become a popular sport. p. 39.

Luk'ianchenko, A. - Mechanized cleaning of horses. p. 40.

Krasnikov, A. - "Horse breeding"; textbook for higher zootechnic schools. p. 41.

Fomin, B. - Album for horse breeds. p. 46.

First horse fairs. p. 47.

Vol. 26(10t), no. 11, Nov. 1956.

Table of contents translated:

Kashtanov, L. - For further development of horse raising for meat and milk in regions using the range-herd system. p. 1.

Kulagin, N. - Carry out successfully the wintering of horses. p. 6.

Cherkasov, I., Ul'ianova, A. - Draft horses on the V.I. Lenin Collective Farm. p. 8.

Klochkov, D. - Results of upgrading local horses of the Tuva Autonomous Province. p. 12.

Zeleniuk, N. - State station for artificial insemination of farm animals at the Orel State Stables. p. 16.

Remizov, A. - Harness horses at the All-Union Agricultural Exhibition of 1956. p. 23.

Il'inskaia, T. - Effect of certain factors on the keeping capacity of stallion semen frozen at a temperature of -70° . p. 32.

Nechiporenko, G. V. - Interrepublic contests for Central Asiatic horsemen. p. 36.

Parshutin, G. - Third International Congress on the Reproduction of Farm Animals. p. 44.

From the pages of local newspapers. p. 47.

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Babich, I. - Pay more attention to commercial hunting. p. 3.

Ingor, M. - How do you get ready for hunting? p. 4.

Grozmani, I., Vecherkovskii, O. - Establish minimum requirements for hunters. p. 6.

Goloviev, L. - Protect hunting grounds. p. 9.

[illegible]'s protect poachers.

p. 45.

Chuvikov, A. - Use smokeless powder. p. 46.

Pankov, A. - A good start. p. 46.

Chernomortsev, Lev. - To my native Siberia. p. 47.

Krasil'nikov, A. - Wolf's conscience. p. 48.

Gavrilenko, P. - Hunting pheasants. p. 49.

Velikanov, A. - Echo. p. 51.

Belousov, D. - Falconry in Kazakhstan. p. 52.

Tomasek, Jaromir. - A pedigreed puppy. p. 55.

Zelenkov, A. - A hunters' guide. p. 58.

Khairov, Sh. - Poor posters. p. 59.

Volkov, M. - "Chukdor." p. 59.

Ragimov, B. - Hunters of Azerbaijan. p. 60.

Chatskii, P. - A new fur farm. p. 60.

IAkovlev, P. - A curious elk. p. 60.

Pod"iapol'skii, G. - Train good hunters. p. 60.

At the conference of hunters. p. 60.

Luskač, P. - Letter from Czechoslovakia. p. 61.

Alekseev, P. - Incident during a hunting trip. p. 61.

Seventeen wolf cubs in the lair. p. 61.

Klirosov, O., Platonov, K. - Poaching fishery. p. 61.

Answers to readers' questions. p. 62.

Stopping place. p. 64.

OVTSEVODSTVO [SHEEP BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Eliminate shortcomings in the development of sheep breeding. p. 1.

Vasil'ev, N.A. - Economic problems in sheep breeding on the state farms of the Kazakh S.S.R. p. 8.

Melkonian, M.S. - Development of sheep breeding in the Armenian S.S.R. p. 13.

Likhachev, A.N. - Organizing the transportation of semen from high-quality rams. p. 17.

Aslanian, M.M. - Make wider use of highly productive herd rams. p. 22.

Malinovskii, P.M., Novikova, N.A. - Prospects for increasing the production of fine wool. p. 25.

Zamoryshev, A.V. - Organizing medium-wool sheep breeding in Vologda Province. p. 27.

Valuable manual for sheep farmers. p. 32.

Kantsepol'skii, A.S. - Wool from fall shearing of sheep and its industrial use. p. 33.

Gromadchenko, A.D. - More wool for the government. p. 35.

Khadanovich, I.V., Kukharchuk, V.V. - Pasture and feed-lot fattening of sheep on the Stavropol collective farms. p. 36.

Martem'ianov, B.A., Dobkin, A.IA. - Organizing feed supply in regions of reclaimed virgin and idle lands. p. 40.

Doroshenko, N.IA. - Corn for summer feeding of sheep. p. 41.

Paducheva, A.L. - Scientific news from abroad. p. 44.

Kantsepol'skii, A.S. - New record for sheep shearing. p. 45.

Katkova, M.M. - Record wool clip. p. 46.

PTITSEVODSTVO [POULTRY RAISING]. Organ of Ministerstva sel'skogo khoziaistva SSSR i RSFSR [Ministries of Agriculture of the U.S.S.R. and of the R.S.F.S.R.]. Moscow, vol. 6, no. 10, Oct. 1956.

Table of contents translated:

Make preparations for winter work. p. 3.

Tret'iakov, N.P. - Current problems of technical progress in poultry farming. p. 8.

Sagatelian, A.S. - Economic structure of poultry plants. p. 15.

Burmistrov, P.A. - Improve economic indexes of work in poultry plants. p. 18.

Shevchenko, F.I. - Raising and fattening chicks in poultry combines. p. 21.

Zamdvnis, G.Sh. - Bobruysk Poultry Combine raises chicks for meat. p. 23.

Ukolov, V.N. - Poultry farming on the Kustanay State Grain Farm[illegible] 25.

[illegible]uck-raising section of a collec-

[illegible]evakina, A.M. - High produc-
[illegible] the Far East. p. 31.
[illegible]" extensive exchange of work

[illegible] Province hatcheries raise

[illegible] Hatchery. p. 36.
[illegible]t practices on the Dzerzhin-

[illegible]ich-voiced chickens. p. 38.
[illegible]lata on the poultry proces-
[illegible]'s Hungary. p. 40.
[illegible] conference of poultry breed-
[illegible]on of a leading collective

[illegible]HERIES]. Organ of Mini-
[illegible]nosti SSSR [Ministry of
[illegible]U.S.S.R.]. Moscow,

[illegible]translated:
[illegible]s for the development of

[illegible]tion between fishery work-

ers for the 2d quarter of 1956. p. 6.

Isaenko, N.A. - Maritime Territory fishermen in the struggle to fulfill their assumed obligations. p. 8.

Sakovets, O.I., Vinnov, S.S. - Purse seine in fishing for Mediterranean saurel. p. 11.

Dolbish, V.S. - Efficient selection of netting materials for the manufacture of fishing gear. p. 15.

Mitsevich, A.T. -Choosing insulation for the holds of refrigerator ships. p. 18.

Knaps, R.J. - Importance of fishing harbors for the development of fishery in Latvia. p. 24.

Lazunova, A.S., and others. - Vitamin A and D preparations and emulsions. p. 25.

Davydova, E.A. - Alkali method for cleaning onions. p. 31.

Griuner, V.S., Tver'ianovich, V.A. - Unused possibilities; some algae products. p. 32.

Lukov, V.Z. - Drying varnished tin plates with infrared rays in tunnel-type kilns. p. 34.

Kamergorodskaia, O.A. - Operational system of floating bases in the North Atlantic. p. 36.

Tovbin, IA.A. - Expand trawl fishery in the northwestern areas of the Barents Sea. p. 41.

Bronshtein, L.B. - Some economic problems of the Kirov Fish Processing Combine. p. 44.

Reifman, M.A. - Open letter to the editor. p. 50.

Lompo-Trofimov, G.F. - Critical remarks on S.V. Mikhailov's article "Increasing the productivity of labor of the fishing fleet." p. 52.

Arestov, A.M., Makarov, V.I. - Some remarks on S.V. Mikhailov's article. p. 55.

Leading workers of the Kerch Preserve Plant. p. 56.

Rass, T.S. - Possibilities for a considerable increase in the fish catch of the Far East. p. 57.

Martl, IU.IU. - Stocks of White Sea herring in Kandalaksha Bay. p. 61.

Grandilevskaia-Dekshakh, M.L. - Transplanting Gammarus lacustris Sars and the larvae of Tendipedidae in trans-Ural lakes. p. 65.

Dronov, G.I. - Comrade Makarova's stringing method. p. 66.

Kirpichnikov, V.S. - New methods for the artificial cultivation of commercial fresh-water fishes in Hungary. p. 67.

Appeal of the Bureau of the Ichtyological Commission of the Academy of Sciences of the U.S.S.R. p. 69.

Lestev, A.V., Magdeburov, N.G. - Vertical opening of the Sakhalin snurrevads and their sinking speed. p. 72.

Kolchev, V.V., Nikolaeva, N.E. - Degreasing collagenic blubber mass in the impulse apparatus. p. 75.

Lagunov, L.L., and others. - Preserving fish waste and fish of inferior quality by means of acids. p. 78.

Sakharova, N.N. - Boiling and drying Baltic herring with infrared rays. p. 84.

Sixtieth anniversary of Professor P.V. Turin's birth. p. 88.

Borshchuk, K.N. - Successes of the Adler Fish Plant. p. 88.

Kravchuk, V.A., Sesiagin, S.M. - Artificial cultivation of whitefish (Coregonus nasus). p. 89.

Trade news. p. 90.

From the pages of newspapers. p. 92.

Brief news. p. 93.

Vol. 32, no. 10, Oct. 1956.

Table of contents translated:

Energetically develop and introduce automatic processes in the fishing industry. p. 1.

Pochkin, E.G. - For further development of mass invention work. p. 5.

Miroshnichenko, P.G., Pateev, A.Kh. - Reconstruction of the ELA-10 echo-sounder for use in locating fish. p. 7.

Samol'ianov, F.I. - Use of hanging and floating fenders. p. 9.

Sokolov, B.G., Sokolov, G.V. - Drift nets in fishing for herring in the North Atlantic. p. 10.

Polutov, I.A., and others. - Trawling off the southwestern coast of Kamchatka. p. 13.

Tiuktiaev, I.Sh. - Windlass for hauling seines and driving cable conveyors in the fisheries of Azerbaijan. p. 21.

Sergeev, IU.S. - Organization of fishing in Rybinsk Reservoir. p. 25.

Toptun, A.A., Bulanova, P.F. - The "Caspian sardine" canning line at the Makhachkala Fish Processing Combine. p. 28.

Itskovich, G.G. - Machine for washing sealed cans. p. 32.

Milashenko, A.R. - Sprat paste. p. 34.

Krutchenskii, G.V. - Elution of the fatty fraction of hydrolysate in the production of vitamin A by alkaline hydrolysis. p. 35.

Aizenshtat, IU.L. - Daily control of the fulfillment of the planned average output at fishery enterprises. p. 41.

Moiseev, P.A. - International conference on fishery research in the Western Pacific. p. 44.

Baluev, A.N. - System of pisciculturel measures in the Volga-Caspian region. p. 48.

Tanasiichuk, N.P. - Changes in the distribution and composition of fish fauna in the area near the Volga mouth. p. 51.

Smirnov, A.I. - Certain problems concerning the biological foundation of acclimatizing the Pacific salmons. p. 64.

Orav, V.I. - Reason for the decrease in the Western Dvina salmon catch. p. 57.

Malikova, E.M., Pokrovskaia, Z.I., Kotova, N.I. - Use of "kormalin" in raising young Baltic salmon. p. 59.

Mitiushkin, V.A. - Two years' experience in transporting young mullet from the Caspian to the Aral Sea. p. 60.

Mints, A.G. - Density norms for fish in tanks for transporting young mullet. p. 62.

Abrosov, V.E. - Fishing for lake whitefish with drift nets. p. 65.

IAkushev, IA. S. - Fishing for lake whitefish with fixed nets. p. 66.
Men'shikov, V. V. - Some changes in the design of fixed nets. p. 66.
Denisov, N. I. - New German fish-locating devices. p. 68.
Ravich-Shcherbo, IU. A. - Thermophilic microorganisms in canned fish. p. 75.
Ivanova, S. I. - Swelling of cans and formation of gas in canned fish. p. 77.
Perepletchik, R. R. - Using antioxidants in the storage of frozen fish. p. 80.
Trade news. p. 87.
Romanycheva, C. D., Markova, E. - Capture of sturgeon (Acipenser stellatus Pall.) in the Syr Darya. p. 89.
From the pages of newspapers. p. 92.

VETERINARIIA [VETERINARY MEDICINE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U. S. S. R. and Ministry of State Farms of the U. S. S. R.]. Moscow, vol. 33, no. 11, Nov. 1956.

Table of contents translated:

Koropov, V. M. - Some problems in the organization of higher veterinary education. p. 3.
Antipin, D. N. - Measures for controlling helminths during the period when animals are kept in stalls. p. 8.
Tukhovich, T. M. - Some problems in the work of veterinary feldshers. p. 10.
Korotkov, P. A. - Progressive veterinary hospital. p. 12.
Stoliarova, V. S. - Stezhki veterinary section. p. 16.
L. S. - From the practice of veterinary services to a progressive state farm. p. 21.
Shul'ts, R. S., Bondareva, V. I. - Organizing measures for the control of coenurosis and echinococcosis. p. 24.
Salimov, V. A. - Toxoplasmosis in domestic animals and poultry. p. 28.
Protasov, A. I. - Compound tuberculin testing of cattle. p. 32.
Airapetian, V. G., Khachatrian, A. B. - On the problem of in vivo diagnosis of tularemia in sheep. p. 34.
Shcherbatykh, P. IA., Sidorenko, B. V. - Vitality and resistance of the dry virus of epidemic encephalitis of horses to some physical factors. p. 39.
Shishkin, A. - Prophylaxis and treatment of animals with a calcium hypochlorite solution in infectious and parasitic keratoconjunctivitis. p. 42.
Movsum-Zade, K. K. - Pathogenic treatment of animals in internal noninfectious diseases. p. 44.
Shatalov, P. I. - Tasks of specialists and stockbreeders in eliminating sterility in cattle. p. 46.
Solun, A. S. - Tasks of veterinary diagnostic laboratories in studying the causes of diseases in domestic animals. p. 52.
TSelishchev, L. I. - Resection of the rectum in animals. p. 56.
Kirillov, M. N. - Paraffin-gypsum mixture as a therapeutic agent. p. 57.
Minchev, Petr. - Using a new surgical method in eversion of prolapse of the vagina in animals. p. 58.
Noninfectious diseases. p. 61.
Lebedev, P. T. - Mineral and vitamin nutrition is an important factor in the control of sterility in cows. p. 67.
Pigarev, N. V., and others. - Ultraviolet irradiation of poultry raised in coops. p. 70.
Solomkin, P. S. - Sinestrol for stimulating estrus in swine. p. 73.
Kornienko, Z. P., Tendetnik, IU. IA., Charyev, O. Ch. - Using a predaceous fungus for ridding horse manure of strongyloid larvae. p. 74.
Semenov, K. P. - Our practice in organizing the work of a disinfection team. p. 74.
From the work practice of disinfection teams. p. 76.
Pekliov, A. P. - Phase-contrast microscopy in laboratory practice. p. 79.
Evtushenko, F. E., Chorozova, T. E. - Rack for separating funnels for vitamin A tests. p. 82.
Poliakov, A. A., Kolobolotskii, G. V. - International congress on veterinary food hygiene. p. 83.
Kukhto, A. F. - Toxoplasmosis. p. 86.
Abstract. p. 91.
Dyl'ko, N. I. - Docent A. F. Goncharov's article on the "Etiology of foot rot in sheep." p. 92.
New books in veterinary medicine. p. 93.
In the Ministry of Agriculture of the U. S. S. R. p. 95.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SYRODEL'NOI PROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE CHEESE INDUSTRY. Transactions]. No. 3, 1955.
Voprosy tekhnologii i mekhanizatsii syrodeliia [Technology and mechanization of cheese making].

Table of contents translated:

Foreword. p. 3.
Belousov, A. P. - Acceleration and regulation of processes during the continuous flow production of cheese. p. 5.
Korolev, A. N. - Standard specification for the industrial process of cheese production using a continuous cheese maker. p. 14.
Solivanov, N. I. - Continuous cheese maker. p. 17.
Shakhov, D. F., Lebedova, K. S. - "VNIIS" intermittent cheese maker. p. 23.
Vodiashkin, P. F. - Coloring matter and paraffin coatings for cheese. p. 77.
Makar'in, A. M. - Increased productivity of cheese plants as a result of keeping cheese for final ripening in an interplant cheese storehouse. p. 31.
Shakhov, D. F. - Portable mixer for cheese vats and kettles. p. 80.
Machtin, D. I. - Standard specification of losses and consumption of raw materials in the production of Chanakt cheese. p. 90.
Stepanova, L. G., Machtin, D. I. - Waste waters of cheese plants. p. 96.
Rozanov, A. A., Sokolova, L. N. - Removal of non-sugars from whey in the production of sugar of milk. p. 100.
Vinogradov, A. A. - Rotary dryer for sugar of milk. p. 105.
Lebedeva, K. S., Klimovskii, I. I., Gibshman, M. R. - Rapid method for the production of Dutch-type cheeses. p. 33.
Kozhevnikov, I. N. - Establishment of industrial standards for the production of Dutch cheese. p. 41.
Gibshman, M. R., Belousova, N. N. - Bacteriophage in mechanized cheese plants and measures for fighting it. p. 49.
Gibshman, M. R. - Lactic acid streptococci producing antibiotics and the effect of the latter on the milk-fermenting process during the cooking of cheese. p. 54.
Klimovskii, I. I. - Rapidly ripening cheese for melting. p. 58.
Klimovskii, I. I., and others. - Degreased rapidly ripening cheese for melting. p. 67.
Lebedeva, K. S., Ozerova, V. M., Gibshman, M. R. - Methods for the production of cheese pastes. p. 73.

ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 18, no. 10, Oct. 1956.

Table of contents translated:

Greben', L. K. - Develop and make full use of Academician M. F. Ivanov's scientific legacy. p. 1.
Solov'ev, A. V. - Economic effectiveness of new work methods in hog raising. p. 8.
Khitenkov, G. G. - Improving the quality of horses and increasing the effectiveness of their use in agriculture. p. 13.
Burlakov, N. M. - Some problems in the development of beef cattle raising. p. 20.
Drozdov, M. I. - Problem of utilizing the rich fish wastes in the Maritime Territory. p. 24.
Nesterenko, A. D. - Lower the production expenditures in animal husbandry. p. 30.
Red'kin, A. P. - Trends in swine breeding. p. 35.
Bogoliubskii, S. N. - Importance of the research on the origin of breed and productive characteristics in the ontogenic development of farm animals. p. 39.
Masharova, L. G. - Studying the chemical composition and nutritive value of corn in Siberia. p. 49.
Bakalo, A. N. - Upgrading Red Steppe cattle. p. 53.
Klochko, I. M. - Effect of the age and weight of heifers at the first mating on further development and productivity of cows. p. 60.
Titskii, I. IA. - Rationing salt in hog feed. p. 62.
Stavnoi, P. E. - Two thousand one hundred centners of milk per one hundred hectares of farmland. p. 66.
Zotsenko, N. V., and others. - Supply the stations for artificial insemination of livestock with the best equipment. p. 71.
Shlimovich, B. M. - Semiconductor electric thermometer for veterinary use. p. 72.
Ododov, F., Zhilin, A. - Station for artificial insemination of cows and sheep serving several collective farms. p. 73.
Nekrasova, V. I. - Experiment on the use of maximal rations of corn silage in fattening cattle. p. 74.
Kvashitskii, A. V., Parshutin, G. V., Kuznetsov, M. P. - Third International Congress on the Reproduction of Farm Animals. p. 75.
Alekseiuk, A. S. - Shortcomings of the pamphlet "Increase the output of livestock products." p. 81.
Shanskii, IU. A. - Useful book on the cultivation of forage wine crops. p. 84.
Useful bulletin of scientific and technical information. p. 87.
Azimov, G. I. - All-Union scientific conference among agricultural institutions on animal physiology. p. 89.
Davidov, R. B. - Scientific conference on the upgrading of breeds. p. 91.

c) FORESTRY

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Ministerstvo lesnoi promyshlennosti SSSR [Ministry of Forest Industries of the U. S. S. R.]. Moscow, vol. 34, no. 10, Oct. 1956.

Table of contents translated:

Voronov, I. E. - Concentrate all efforts on fulfilling the year's plan for logging camps ahead of time. p. 1.
Betekhtin, F. M. - Business accounting in the Gorodishche Logging Camp. p. 3.
Utkin, I. V. - Introduce warm-water flushing for narrow-gauge locomotives. p. 6.
Zotov, G. - Enlarged logging chances. p. 9.
Bykov, M. M. - Methods for determining skidding winch production norms. p. 11.
Gordeev, A. V. - Skidding untopped trees and clearing felled areas. p. 12.
Bobylev, B. I. - Amount of slash in felling and skidding untopped trees. p. 13.
Bytsko, V. A. - Special problems in operating S-80 tractors at logging camps. p. 15.
Isakovskii, V. L. - Filtration of diesel oil. p. 17.
Shutnikov, V. I. - Mechanized unloading and sorting of lumber with the TL-3 winch. p. 19.
Andreev, P. I. - Cableways for hauling lumber from water. p. 19.
IAkovlev, V. - DT-54 tractor-mounted road grader. p. 20.
Levin, V. I. - Make the calculation of round timber more precise. p. 21.
Kuznetsov, D. V. - Mechanized movement of logs on dammed rivers. p. 23.
Lebarev, G. T. - Lower the content of bark in wood flour. p. 28.
Slutskii, S., Shkurin, V. - Transporting and handling mine timber. p. 30.
Karev, K. G. - Reorganize the timber supply for mines. p. 31.
Sokolov, I. E. - A useful book. p. 32.

d) PLANT CULTURE

KARTOFEL' [POTATOES]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U. S. S. R. and Ministry of State Farms of the U. S. S. R.]. Moscow, no. 4, Sep.-Oct. 1956.

Table of contents translated:

Marenkov, M. N. - High-grade potatoes for seed. p. 1.
Kobozev, A. V., Shishov, P. N. - A matter of great importance. p. 6.
Maliutina, M. S. - We will not lag behind Bryansk potato growers. p. 8.
Chesnokov, M. B., Vasil'ev, A. S. - Three hundred centners to the hectare. p. 10.
Levitskii, P. A. - Potatoes, our wealth. p. 12.
Platonov, F. P., Kobazev, I. A. - Treating tubers with chemicals. p. 14.
Tarasenko, Z. S. - Our experience in storing potatoes in surface silos. p. 16.
Zhukovskii, D. I. - Some practical advice. p. 17.
Zverzhanskii, S. K. - Ensiling potatoes for cattle feed. p. 19.
Molchanov, N. I. - Made of local building materials. p. 20.
Mal'kov, I. I. - To Arctic regions. p. 22.
Kurnosov, F. S. - Work cooperation. p. 22.
Vintaikin, Z. P. - For proper allocation of potato production throughout the country. p. 24.
Pozhidaev, A. I. - Early potatoes. p. 26.
Profitable crop; what visitors of the All-Union Agricultural Exhibition were told by comrade Khan Petr Son, agronomist at the "Leninskii Put'" Collective Farm in Kara-Tal District, Taldy-Kurgan Province, Kazakh S. S. R. p. 32.
Khramushin, L. I. - We learn from advanced experience. p. 35.
Sedov, A. V. - Preliminary work in peat winning. p. 37.
Tikhomirov, N. - Make conditions suitable for scientific work. p. 39.
Sokolov, V. S. - Prospects for improved tillage techniques. p. 40.
Novikov, A. A. - Higher yields, lower costs. p. 41.
Migalovskii, S. M. - How we cultivate weedy soils. p. 42.
Petrov, G. D. - New harvesting machinery. p. 44.
Alikin, A. S. - Some problems in growing certified potatoes. p. 47.
Ostrovskii, M. F., Pilipenko, S. I. - Potato breeding in Polesye. p. 48.
Tamm, V. T. - New potato varieties in the Estonian S. S. R. p. 51.
Alekseev, L. Z. - Eliminate shortcomings in testing potato varieties. p. 52.
Obolenskii, V. N. - Prevent the advance of potato beetles. p. 55.
Abramenko, V. V. - Unite all efforts for pest control; from the international conference. p. 57.
Neofitova, V. K. - Potato scab. p. 59.
Khizhniak, P. A., Efremenko, V. P. - Nematode resistance of some potato varieties. p. 60.
Chou Ch'ang. - Experience of Chinese potato growers. p. 61.
Improved potato planter. p. 61.
Komkova, M. N. - A crew leader tells about her experience. p. 62.
New books. p. 63.

KHLOPKOVODSTVO [COTTON GROWING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 6, no. 9, Sep. 1956.

Table of contents translated:

Great concern of the party and the government for the development of cotton growing and the prosperity of collective farms. p. 1.
Let's transform the Golodnaya Step' into a large cotton-growing base. p. 4.
Vizgin, V. - Improve the quality of raw cotton. p. 7.
Mirzoev, I. - Our means of lowering production outlays and increasing the productivity of cotton. p. 11.
Kotikova, V. - Make full use of the advantage of overall mechanization for lowering production outlays on collective farms. p. 15.
Kondakov, V., Lavrinenko, V. - Increase the material interest of administrative workers of collective farms in higher cotton production. p. 20.
Samarkin, D. - Irrigating cotton during the ripening period. p. 25.
Redkin, V., Firsov, B. - Artificial dewatering of

B 154

cotton is an efficient method for harvesting in time. p. [illegible]
Hasan, V. - Our practices in obtaining high yields of cotton. p.35.
Grigorian, G., Sarkisian, S. - Irrigation in check-rowed cotton fields in Armenia. p.40.
Pal'ch, A. - How we achieve high standards in the work of the machine-tractor station. p.41.
Nasov, A. - New developments in the design of row-crop tractors for cotton growing. p.45.
Atakhanov, D. - Problem of urgent land improvement tasks in Khorezm. p.52.
Alimkhanov, A. - Success of Indian breeders in Punjab. p.55.
New machinery for cotton growing. p.55.
Cheremushkil, M. - Leaflets on the experience of cotton growers participating in the All-Union Agricultural Exhibition. p.60.

Vol. 6, no. 10, Oct. 1955.
Table of contents translated:
Harvest cotton in the shortest time and without loss and deliver the whole crop to the government. p.1.
Irrigation of the Golodnaya Steppe. p.6.
Cheremnova, N. - More about the method of calculating cost of production and returns on collective farms. p.13.
Ilkhamova, R. - Our practice in the mechanized clearing of fields. p.20.
Gavrilenko, D. - Problem of combining corn or Sorgum cernum in cotton and alfalfa crop rotatations. p.24.
Kovdratiuk, V. - Quantity of seeds sown in a hill in checkrow growing of cotton. p.29.
Shifrin, M. - Important problems in improving the work of machine-tractor stations. p.37.
Dzhanaliev, S. - How I worked 20 hectares instead of the standard six hectares with a SKN-4 cull-cotton picker. p.41.
Ghinanyi, V. - Our experience with machine-picking of cull-cotton on the Dal'verzin No.1 State Farm. p.44.
Pak, M. - Ginning of cull-cotton harvested with a SKN-4 cull-cotton picker. p.43.
Baranov, P. - Use of liquid nitrogen fertilizers in the United States. p.52.
Mikhailov, M. - Development of irrigation in Egypt and the new Aswan Dam. p.59.
Brief news from abroad. p.59.
Markov, M. - Attachment to a cotton-picking machine for harvesting cull cotton. p.66.
Technical policy in the production of mineral fertilizers. p.61.
Brief news. p.63.

KUKURUZA [CORN]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 1, no. 4, July 1956.
Table of contents translated:
Rud', G.IA. - Achievements of Moldavian corn growers. p.1.
All-Union Conference of Scientific Research Workers and Agricultural Specialists. p.7.
Sokhan', N.A. - My work with the KU-2 combine. p.8.
Popov, V.S. - For new achievements. p.10.
Posmitnyi, M.A., Bondarenko, V.A. - Corn growing on the Budennyi Collective Farm. p.14.
Likholvanenko, L. - Under the banner of socialist competition. p.17.
Conference of Rostov Province corn growers. p.20.
Nezdolia, I. - Experience of participants in the All-Union Agricultural Exhibition. p.21.
Godulian, I.S. - Corn in field crop rotations. p.25.
Sosedov, P.O. - Corn growing on the "Petrovskoe" State Farm in Moscow Province. p.28.
Nikishov, V.I. - Farm workers of Voronezh Province are fulfilling their obligations. p.31.
Driz, B.S. - Corn growing in Ul'yanovsk Province. p.35.
Pirozhnikov, K.D. - Particular aspects of corn cultivation practices in the southern trans-Ural region. p.38.
Sviridov, M.G. - Corn growing in the Tuva Autonomous Province. p.42.
Kulik, T.A. - Nigrospora cob rot and its control. p.44.
Cheremisinov, N.A. - Comparative evaluation of the resistance of corn varieties and hybrids to corn smut, fusarium and bacteriosis. p.47.
Novikov, S. - In the last century. p.49.
Zamfirescu, Nicole. - Corn growing in the Rumanian People's Republic. p.51.
Ensilage as a means of controlling corn smut. p.59.
Potashov, A. - Quality of the literature on corn growing. p.60.

Vol. 1, no. 5, Aug. 1956.
Table of contents translated:
Editorial: Get the corn crop harvested in good time. p.1.
Kozyrev, F.E. - For organized harvesting of good corn crops. p.4.
Khomko, P.A. - Achievements of Berezovka corn growers. p.7.
Konstantinov, A.S. - The youth of Moldavia is striving for high crop yields. p.9.
How to harvest and store seed corn. p.11.
Lutonskii, A.A. - Corn growing and tasks of the agricultural science. p.14.
Krasnoshapka, G.T. - Harvesting in separate operations. p.17.
Freiman, A.L. - Cooperation between tractor and field groups. p.19.

Ali-zade, M.M. - Two crops in one year. p.22.
Borzikov, N. - Dry and irrigation farming. p.24.
At the All-Union Agricultural Exhibition. p.26.
Repin, A.N. - Drying seed corn. p.28.
Smirnov, A.F., Moryganov, A.N. - How we organized harvesting. p.33.
Gin'ko, G.M. - Machines for shelling corn. p.36.
Sobolev, S.L., Belov, E.I. - Growing corn in mixtures on green fallow. p.37.
Svinarev, V.I. - Sowing corn on stubble in irrigated areas. p.40.
Lisovskii, IA.N. - Growing corn on improved and irrigated soils. p.42.
Štikans, J.A., Upitis, O.K. - At the Peterlauki Experiment Station. p.44.
Ivanov, P.K., Mikhailov, A.M. - On fields of Saratov Province. p.46.
Zasypkin, P.A. - Corn in Molotov Province. p.48.
On two neighboring collective farms. p.51.
Ibaev, Amadi. - Hundred centners of shelled corn to the hectare. p.52.
Shalygin, V., Abramov, P. - Attachment to semi-mounted reapers used in harvesting corn tops for ensilage. p.53.
Valeev, Sh.V. - Steady corn yields in the Tatar A.S.S.R. p.54.
Kabilova, Sh. - Hundred tons of hybred seed to the state. p.54.
Bogach, N.F. - Device for husking corn. p.55.
In scientific research institutions. p.56.
Shevchuk, T.N. - Corn in China. p.57.
Sazanova, L. - History of corn growing. p.61.
New books. p.62.

LEN I KONOPLIA [FLAX AND HEMP]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of Soviet Farms of the U.S.S.R.]. Moscow, no. 6, Aug. 1956.
Table of contents translated:
Process more flax and hemp fiber on collective farms.
Zavorin, K.G. - Competing with Kalinovka hemp growers. p.5.
Litvinenko, IU.P. - Deliver flax to the state in the year of harvest. p.9.
Mutorina, L.E. - In our crew. p.12.
Dranitsa, I.A. - How we obtain high yields of flaxseed. p.15.
Shekolian, V. - Growing hemp on peat bogs. p.18.
Petrova, L.I. - Applying trace elements to flax. p.22.
Alpatova, K.L. - Corn as a crop to precede hemp. p.24.
Kosnikov, N.I., Kosnikova, M.I. - Combining is a progressive method of harvesting hemp. p.26.
Fomenko, L.D., Liapin, G.S. - Watering flax on the retting ground. p.29.
Peskin, A.L. - Combined method of retting flax. p.31.
Sautenko, V.G. - Improved retting holes on collective farms. p.34.
Tolkovskii, V.A., Bolotov, I.N. - Effective utilization of the SSL-VISKhOM dryer. p.37.
Simonov, I.A. - Delivering unprocessed flax and hemp to mills. p.40.
Bakhireva, A.Z. - Defoliating ambary hemp. p.43.
Leonov, A.I. - For a more thorough explanation of the results of scientific research. p.45.
Vital tasks of agricultural science. p.47.

No. 7, Sep. 1956.
Table of contents translated:
For persistent improvement of the quality of flax and hemp. p.1.
Eremin, S.F. - Remuneration of labor depending on output. p.5.
Nilova, E.I. - For high and stable harvests. p.9.
Kuznetsov, S.A. - We are improving flax cultivation practices. p.14.
Ushakova, M.G. - Obligations have been fulfilled. p.19.
Val'ko, N.S. - Southern hemp in crop rotations. p.21.
Shil'nikov, S.A. - Role of seed production stations in furthering flax growing. p.24.
Avramishin, K.S. - Producing six and a half times the season's norms with the flax processing unit. p.26.
Zhadaev, V.S. - Primary processing of flax on collective farms. p.29.
Vernigora, M.I. - Increase the output of flax fiber. p.33.
Kaĝochnikova, A.F. - Flax mills and collective farms. p.36.
Borisov, V. - Station for the primary processing of hemp. p.41.
Pet, G.B. - Ambary hemp breeding in southern Florida. p.44.
Linnik, E.F. - Chemical weed control in fiber flax. p.45.
Ol'khovskii, D.S. - Book on the experience of a flax-growing farm. p.47.

No. 8, Oct. 1956.
Table of contents translated:
Immediate tasks of collective hemp farms. p.1.
Letters from Svoboda District:
Filimonov, V.I. - Let's introduce hemp cultivation practices of the village of Kalinovka. p.5.
Denisova, M.Z. - Collective farmers are taking more interest in their work. p.8.
Razumov, N.I. - First improvements. p.10.
Antropov, IU. - Calculating the cost of labor and production on collective flax farms. p.12.
Ognev, I.M. - Organomineral fertilizer mixtures for flax. p.17.
Makhov, I.M. - MLK-4, 5 hemp thresher. p.20.

Krylov, A.A. - Cleaning flaxseed on collective farms. p.23.
Gagurin, I.F. - Utilize machinery to the full. p.26.
Fedorov, F. - Pay more attention to processing flax on collective farms. p.32.
Lukoshkova, V.A. - Neglect of an important matter. p.35.
Ostroglazov, V.A., Mel'tser, IA.D., Gurlev, M.I. - Universal drying installation. p.38.
Lobanov, V.I., Skvortsov, A.G. - Primary processing of flax and hemp in Czechoslovakia. p.41.
Mikhailov, F. - Valuable pamphlet on applying fertilizer to flax. p.47.

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, no. 6, Aug. 1956.
Table of contents translated:
Editorial: Harvest sugar beets in time and without losses. p.1.
Diptan, O.K. - Every crew can obtain high yields. p.5.
Vasil'chenko, A.S. - Collective farms' income is increasing. p.10.
IAstreb, F.Kh. - Vasil'kov Machine-Tractor Station before the harvest season. p.14.
Senyk, N.I. - We shall harvest 160 hectners of beets in one season. p.20.
Rymarenko, V.S. - Combine harvesting of beets in Altai Territory. p.24.
Khelemskii, M.Z. - Reduce the losses of beets and increase the production of sugar. p.29
Pilipets, G.V. - Foliar feeding of sugar beets in Kharkov Province. p.33.
Ligum, S.T. - Effectiveness of foliar feeding in Kursk Province. p.36.
Eremeev, I.D. - Increase the effectiveness of combine harvesting. p.40.
Orlov, K.I. - French beet growers in the Soviet Union. p.45.

SELEKTSIIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 21, no. 4, 1956.
Table of contents translated:
Nazarenko, K.S. - Ten years of high-quality seed growing on collective and state farms. p.3.
Kovarskii, A.E. - Effect of mentor plant pollen on the self-pollination of corn. p.7.
Ukolov, A.A. - Types of durum winter wheat. p.13.
Kuchumov, P.V. - Hybridization methods in plant breeding. p.17.
Planrev, V.E., Zhitkina, M.D. - Red Grain Moscow wheat. p.22.
Glavinich, R. - Vegetative hybridization as a method of developing new tomato varieties. p.27.
Elsukov, M.P. - Changing the nature of some annual forage plants. p.30.
Khoroshailov, N.G. - Breeding red clover. p.44.
Samsonov, M.M., Zharova, E.N. - Effect of the selection of parent plants on the quality of grain. p.49.
Chigrin, V.V. - Growing Hybrid 401 B in the Crimea. p.53.
Ukhanova, O.I. - New Transcaucasian winter wheat varieties. p.56.
Pavlenko, S.M. - Crop cultivation practices for obtaining high winter wheat yields in Crimean steppe regions. p.58.
Conditions for the procurement of certified oil plant seeds. p.60.

TABAK [TOBACCO]. Organ of Ministerstvo promyshlennosti prodovol'stvennykh tovarov SSSR [Ministry of the Food Products Industry of the U.S.S.R.]. Moscow, vol. 17, no. 3, 1956.
Table of contents translated:
For successful harvesting and procurement of tobacco and makhorka. p.1.
For continuous improvement of work indexes on state farms. p.5.
Filiponko, I.I. - Regional adaptation of tobacco varieties in the Crimea. p.8.
Gorshelev, I.S. - At the All-Union Agricultural Exhibition. p.9.
Avramenko, V.IA. - Raising production indexes. p.12
Oganesian, G.G. - Developing tobacco growing in Armenia. p.13.
Petrenko, A.G., Korzhina, A.N. - Effect of spacing on physiological and biochemical characteristics of the Sharp Leaf 2747 tobacco variety. p.15.
Tobacco fermenting plants on the eve of the new tobacco fermentation and processing season. p.18.
Siladze, G.I. - We are improving our production. p.20.
Gal'bkhner, L.S. - Corrosion protection of metal equipment and reinforced concrete structures in tobacco fermenting plants. p.22.
Pachov, A.P. - Our work experience. p.23.
Pipinov, S.G. - Results achieved at the Gudauta Tobacco Fermenting Plant by the tongo tobacco curing method. p.28.
Matvenko, T.M. - Effect of hydrogen cyanide on raw tobacco. p.30.

Isaev, S. G. - All-Union Industrial Exhibition. p. 31.
Pirverdian, A. I. - Mechanization of subsidiary and auxiliary operations in the tobacco industry. p. 34.
Kiselev, G. N. - Work routine of leading operators of Elinson cigarette tube making machines. p. 36.
Kontorovich, A. V. - Introduction of new equipment is raising the factory's production indexes. p. 40.
Karakozov, N. I., Kirsanov, A. M. - Ways of lowering the cost of production. p. 41.
Bogdanov, V. G., Slesarenko, N. T. - New 311-2 tobacco cutting machine. p. 45.
Trubnikov, V. F. - Our efficient workers. p. 45.
Tolstikov, S. V. - Substitution method of sharpening and adjusting cigarette tip cutting knives. p. 50.
Folesian, I. A. - Battery-type microcyclones for air purification. p. 52.
Borodianskii, V. P. - Carriage for lifting rolls of paper on automatic printing and cutting machines. p. 53.
Information. p. 54.
Bibliography. p. 56.
From unpublished articles. p. 57.
Recent developments in the tobacco industy abroad. p. 57.

UDOBRENIE I UROZHAI [FERTILIZERS AND CROPS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U. S. S. R. and Ministry of State Farms of the U.S. S. R. ]. Moscow, vol. 1, no. 9, Sep. 1956.

Table of contents translated:

Nikonov, M. N., Grebenshchikova, A. A. - Peat litter resources of the U. S. S. R. and their utilization. p. 3.
Malygin, IU. N. - Perennial lupine cultivation practices for green manuring. p. 9.
Gryzlov, V. P. - Comparative study of the effectiveness of fall and spring top-dressing on winter crops. p. 16.
Batsanov, N. S. - Effect of peat and other fertilizers on obtaining high seed-potato yields. p. 20.
Semenov, I. M. - How to apply fertilizers when planting orchards and vineyards. p. 24.
Malychenko, V. V. - Effect of mineral fertilizers on the yield of cherries. p. 28.
Ivanovskii, N. P. - Effect of magnesium on the yield and quality of tobacco. p. 34.
Demidenko, I. G., Kovshun, M. D. - Sugar mill slime, a valuable calciferous fertilizer. p. 39.
Dmitrenko, P. A., Zavgorodniaia, T. F. - Using open-hearth process phosphatic slag for fertilizer. p. 42.
Buzenko, G. M. - Drill attachment for placing granulated superphosphate. p. 45.
Razumovskii, I. I. - How the "Avangard" collective farm increased the yields of fiber flax. p. 51.
Tarasenko, Z. S. - Using peat for fertilizer on the Gastello Collective Farm. p. 53.
Nikitskii, N. P. - Using peat for fertilizer. p. 56.
Bulynko, M. G. - Winning peat for litter in Canada. p. 61.
Sikonde, E. I. - The monograph "Fertilizers and their application." p. 63.

Vol. 1, no. 10, Oct. 1956.

Table of contents translated:

Gritsenko, V. V. - Effectiveness of fertilizers in the non-Chernozem region. p. 3.
Kacas, M. M. - Liming acid soils in the Lithuanian S.S.R. p. 9.
Korableva, L. I. - Using magnesium on light soils. p. 14.
Mazaeva, M. M. - Polyhalite as fertilizer. p. 21.
Magnitskii, K. P. - Field laboratory for the analysis of soils and plants. p. 23.
Klychnikov, V. M. - Simple method for determining the lime requirements of soils. p. 33.
Mosolov, I. V., Dmitrieva, N. A., Skvortsov, V. F. - Effect of various nitrogen fertilizers on the yield of winter wheat. p. 42.
Timokhina, A. - Applying fertilizers to hops. p. 44.
Korovkin, M. A. - Using organomineral fertilizer mixtures on collective farms. p. 46.
Galenchik, I. Z. - Mechanized winning of peat for litter. p. 51.
Belkov, V. G. - Our experience in using peat as fertilizer. p. 55.
Filatova, A. I. - Fertilizer storehouses in the Latvian S. S. R. p. 58.
Litvin, V. M. - Ammonium chloride as a source of nitrogen for farm crops. p. 60.
Peterburgskii, A. V. - Professor Millar's book "Soil fertility." p. 63.

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U. S. S. R. ]. Organ of Glavnoe upravlenie vinodel'sheskoi promyshlennosti Ministerstva promyshlennosti prodovol'stvennykh tovarov SSSR [Main Administration of the Wine Industry of the Ministry of the Food Products Industry of the U. S. S. R. ]. Moscow, vol. 16, no. 5(104), 1956.

Table of contents translated:

New stage reached in the development of the wine industry. p. 1.
Litvinov, V. F. - What a primary winery should be like in Moldavia. p. 5.
Avdeev, A. V., Orlova, V. D. - Studying the effect of wine on the corrosion of metals. p. 7.
Rodopulo, A. K. - Methods of determining organic acids in must and wine. p. 9.
Saenko, N. F., Maiorov, V. S. - Causes of champagne losses during clarification. p. 11.
Malysheva, R. I. - Determining arsenic in grape wines. p. 17.
Tiurina, L. V. - Method for the fixation of fermenting must for analysis. p. 19.
Bashirov, F. B. - Problems of developing viticulture in the Tajik S. S. R. p. 22.
IUsupov, Kh. S. - Select better grape varieties for vineyards of the Gissar Valley. p. 27.
TSeitlin, M. G. - Improve the fruiting of suckers. p. 30.
Vinnichenko, V. I. - Relation of the sum of active temperatures to the vegetative period. p. 33.
Shtal', E. IA. - Vineyards on saline soils of the Golodnaya Steppe. p. 37.
Panasiuk, M. I. - Viticulture on collective farms of Cherkassy Province. p. 40.
Abramov, Sh. A. - Wine making and viticulture in the Khasavyurt District of Daghestan. p. 42.
Zodelava, L. N. - Prospective development of viticulture in Abkhazia. p. 43.
TSyganov, A. IA. - Improve the planning of wine marketing. p. 45.
Pavlenskii, A. M. - AB-3 machine for the automatic rejection of bottles. p. 46.
Tuman'iants, L. I. - Piston pumps for removing grape pomace from tanks. p. 48.
Osipov, Sh. S. - Replacing Dautzenberg sleeves with rubber inserts. p. 49.
Klietsko, N. N. - Machine for grape planting. p. 49.
Perniatina, M. L., Beresnevich, A. N. - Hand truck for moving wine crates. p. 51.
Machine for washing casks. p. 52.
Ultraviolet rays for sterilizing wine containers. p. 54.
Semiautomatic apparatus for putting bottles into crates and taking them out. p. 54.
Ramishvili, M. A. - Work of the Institute of Viticulture and Wine Making of the Academy of Sciences of the Georgian S. S. R. p. 55.
Zhukovskii, A. M. - How to increase the yield of Kokur grapes. p. 57.
Shcherbatiuk, N. A. - For systematic erosion control in vineyards. p. 57.
Parsegov, A. K. - Machine shop is serving the wine industry. p. 59.
Ungurian, P. N. - "Selected works on wine making" by M. A. Gerasimov. p. 59.
Zhukov, G. I. - "Viticulture" by A. M. Negrul', V. N. Chigrin, A. IA. Kuz'min. p. 60.
Morozova, G. S. - "Select grape plot" by M. I. Volkova. p. 61.
Literature on wine making and viticulture. p. 62.

ZASHCHITA RASTENII OT VREDITELEI I BOLEZNEI [PROTECTING PLANTS AGAINST DISEASES AND PESTS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U. S. S. R. and Ministry of State Farms of the U. S. S. R. ]. Moscow, vol. 1, no. 4, Sep. - Oct. 1956.

Table of contents translated:

Pay more attention to economic problems. p. 3.
Arkhangel'skii, Pav. P. - Controlling smut on virgin lands. p. 6.
Endrzheevskii, IU. V. - Group specializing in experimentation. p. 6.
Veredenko, B. F. - Warning and forecasting service. p. 9.
Rokhlin, S. A. - New machinery used in controlling diseases and pests of hops. p. 10.
Snegovskii, I. F. - Machine system. p. 14.
Kasikhin, A. N. - Experience in using fog machines. p. 15.
Zaring, P. V. - Fall inspection. p. 16.
Rider, V. A. - Our experience in forecasting agricultural pests. p. 19.
Kurash, P. S., Pchelkin, D. S. - Growing healthy nursery stock. p. 21.
Gudzii, B. P. - Experience in protecting sugar beets. p. 24.
Bordukova, M. V. - Controlling potato diseases during storage. p. 26.
Morozova, IU. F., Proniakina, A. E. - We were successful in controlling sugar-beet weevils. p. 28.
Chernyshev, P. K. - Controlling storage pests in Stavropol Territory. p. 30.
Ognev, I. M. - Use pyrite cinders. p. 32.
Mol'nichuk, A. S. - Chemical weed control in the Ukraine. p. 33.
Nalnik, R. L. - Plant protection exhibit. p. 34.
Zhuravlov, M. A., Korchagin, V. N. - Disinfecting soil with steam. p. 36.
Tikhonov, O. I. - Protection of horticultural nurseries. p. 38.
Datchenko, L. P., Zheleznikov, A. K. - Discovering the endemic centers of potato wart. p. 40.
Orshanskaia, V. N., Ordzhonikidze, N. P. - Accelerated method for selecting mal-secco-resistant plants. p. 42.
Tikhonov, N. P. - Peach coddling moth (Carposina sasakii Matsumura). p. 43.
V. A. - Conferences on plant quarantine and protection. p. 45.
Rukuvishnikov, B. I. - Losses caused by pests and diseases in the U. S. A. p. 48.
Volda, A. N. - Machines used for the protection of plants in Czechoslovakia. p. 51.
IAkhontov, V. V. - Testing new chemicals against wireworms in England and America. p. 53.
Rusakova, A. A., Shevchenko, F. P. - Tetramethylthiuramdisulfide, a new chemical for controlling plant diseases. p. 54.
Anfinnikov, M. A. - Chemical control of leopard moths. p. 55.
Shneider, IU. I. - Bacterial pustule in beans. p. 56.
Golko, V. A. - Extensive infestation of potatoes with late blight. p. 57.
Ivanov, I. T. - "Voprantox" against shield bugs. p. 58.
Gerasimov, B. S. - Pest control and combine harvesting of grain crops. p. 59.
Dakel'skaia, N. M. - New means for exterminating rats. p. 60.
Kamenskii, M. D. - Popular science color film. p. 61.
Kostylev, A. D. - European fruit lecanium, a pest of the filbert. p. 61.
Frankovskii, V. IA. - Scab on apple and pear blossoms. p. 62.
Reviews and bibliography. p. 62.
Bookshelf. p. 63.
In memory of IU. P. Smarods. p. 64.

ZEMLEDELIE [AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R. ]. Moscow, vol. 4, no. 10, Oct. 1956.

Table of contents translated:

Narisissov, V. P. - Cultivation system for Gray Forest soils on the right bank of the Middle Volga Valley. p. 3.
Likhvar', D. F. - Cultivation system for piedmont and mountain districts in the Carpathians. p. 10.
Dolgov, S. I. - Distribution of cultivation systems in the U. S. S. R. p. 19.
Kulakov, E. V., and others. - Fertility of virgin and waste lands. p. 28.
Taichinov, S. N. - Deepening of the plow layer of Gray Forest and Chernozem soils of the southern Cisural region. p. 37.
Bilenko, P. IA. - Deepening of the plow layer of Chestnut soils. p. 43.
Mosolova, L. V. - Distribution of the root system of plants as affected by tillage and fertilizers. p. 46.
Pichkin, A. G. - Riabushko, P. D. - Reasons for the loss of winter wheat and some means of avoiding it. p. 49.
Avdonin, N. S., Il'ina, G. V. - Growing alfalfa in the non-Chernozem zone of the U. S. S. R. p. 55.
Sologubov, L. M., Svinarev, V. I. - Rice cultivation and prospects for the development of rice growing in Astrakhan Province. p. 62.
Motserelkia, A. V. - Reclamation of slopes for growing tea in subtropical regions of Krasnodar Territory. p. 66.
Kucherov, E. V., Kislinskii, N. K. - Crambe as a valuable oilseed crop. p. 71.
Gromakovskii, K. F. - System of management on collective farms. p. 74.
Okrugin, N. P., Berdichenko, L. A. - Unused potentialities for increasing the production of grain on collective farms of Tomsk Province. p. 81.
Buzenkov, G. M. - Problem of work mechanization in improving natural forage lands. p. 86.
Tomilov, V. P. - Efficiently solve the problems of crop rotations and use of land. p. 91.
Kolesnikov, N. V. - Fall plowing. p. 96.
Work of variety testing stations. p. 97.
Ivanov, S. Z. - A. E. Zaikevich, hero of labor. p. 100.
Nikitin, P. D. - Shelterbelt afforestation in the United States. p. 106.
Marenkin, F. S. - Year-round sewage irrigation of fields. p. 110.
Klimenko, G. A. - Growing red clover in the Suyfun-Khanka Plain region. p. 112.
Shadiev, A. - Smooth brome as a valuable forage crop. p. 113.
Rozhkov, M. M. - Effect of long-lived grass-legume mixtures on soil fertility. p. 114.
Dmitrenko, P. A., Skorina, S. A. - Organize the study of soil on collective and state farms. p. 116.
Ponomarenko, IA. D. - High yields of clary sage. p. 117.
Epishin, V. D. - More attention to an important matter. p. 118.
Drozdov, G. N. - Experience of the past is the basis for the future. p. 119.
Sobolev, F. S. - I. A. Stebut's works. p. 125.
Sudnov, P. E. - Interesting book on new oilseed plants. p. 127.

## 16. TECHNOLOGY

### a) GENERAL

BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Patentnoe upravlenie Komiteta po izobreteniiam i otkrytiiam pri Sovete Ministrov SSSR [Patent Administration of the Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R. ]. Moscow, no. 9, 1956.

IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R. ]. Moscow, no. 4, July-Aug. 1956.

Table of contents translated:

Tiurin, N. I. - All-Union Industrial Exhibition, 1956. Hall of "Metrology, standards and precise measurements." p. 3.
Mikhailov, M. F. - Selection and training of workers in the field of metrology and measuring techniques. p. 17.
Aglintsev, K. K. - Standards and standard measuring methods in the field of ionizing radiations. p. 21.
Kostin, V. E., Kovalev, M. K. - Instrument for measuring the shape of drawing holes in diamond dies. p. 24.
Mediantseva, L. L. - Effect of the surface smoothness of angle gauges on the precision of measurements. p. 26.
Razumikhin, V. N. - Measuring the density of liquids subjected to high pressures. p. 28.
Finkelshtein, V. E. - Calibrating optical pyrometers at high temperatures. p. 31.

Akhiezer, A.N. - Measuring small attenuations by use of double T-pieces. p.34.
Gertsenshtein, M.E. - Determining the shunting conductivity of the probe in recording circuit. p.37.
Valitov, R.A. - Indicating instruments for measuring electromagnetic power in the centimeter wave range. p.38.
Zhelnov, V.G. - Band selector filters for electronic measuring instruments. p.41.
Rabinovich, B.E. - Effect of the shape of voltage curves on electron-tube voltmeter readings. p.43.
Zemel'man, M.A. - Effect of the shape of voltage curves on the indications of diode voltmeters with linear characteristics. p.49.
Shliandin, V.M. - Automatic device for the relative measurement of alternating voltage in active electrical networks. p.55.
Measuring the liquid and gas consumption. p.58.
Karabach, V.K. - Standard building design for state laboratories in charge of measurement techniques. p.59.
Sivokon', F.F. - Checking the state of measuring equipment and the maintenance of standards and technical conditions in industrial plants. p.62.
Krever, I.S. - Conducting the regional state control in 16 to 18 days. p.65.
Volosevich, F.P. - Multimeter rod gauge machines with simplified optical arrangements. p.66.
Geilikman, A.I. - Controlling the internal diameter of thread plug gauges. p.67.
Malakhov, M.I. - Attachment for lapping micrometer faces. p.68.
Katedin, I.P. - Repairing watch-type indicators. p.69.
Checking thermocouples. p.69.
Frenkel', A.B. - Controlling and measuring tools in workshops. p.70.
Bereslavskii, S.M. - Improving the KZF instrument. p.71.
Nalimov, P.A. - Thermostatic metrological device for measuring the density of liquids and solids. p.72.
Krasnopol'skaia, S.M. - Thermostat for checking standard grade-two alcoholometers made of metal. p.73.
Zlatogurskii, R.R. - Thermostat for checking alcoholometers made of metal. p.75.
Kantor, P.B., Finkel'stein, V.E., Shpigel'man, E.S. - Steam thermostats for controlling surface thermocouples. p.76.
Gorelov, V.I. - Four systems for measuring the internal resistance of pyrometric millivoltmeters. p.77.
Vorontsov, B.N. - New techniques for fixing diamond tips on the TK-type hardness gauge. p.78.
Dolinskii, E.F. - Checking piston manometers. p.79.
Krasnopol'skii, B.M. - Necessity for revising instructions nos. 1-54. p.80.
Kherets, L.Sh. - Eliminating the moment of mutual inductance in alternating-current electromagnetic logometers. p.82.
Checking automatic flour scales. p.82.
Artem'eva, E.V. - Instrument for the continuous comparison of electric oscillation frequencies. p.83.
Using and checking alcoholometers made of metal. p.84.

MOSCOW. MOSKOVSKOE VYSSHEE TEKHNICHESKOE UCHILISHCHE. Trudy [MOSCOW TECHNICAL COLLEGE. (Transactions)]. No. 17, 1953. Protsessy razdeleniia, kondensatsii i sozdaniia vakuuma v kholodil'nykh ustanovkakh [Processes of separation, condensation and production of vacuum in refrigerating plants].

Table of contents translated:

Gersh, S.IA. - Air rectification in stages. p.5.
Marfenina, I.V. - Priming of liquids and hydraulic phenomena in rectifying columns. p.37.
Slepian, E.E. - Investigating the heat loss during vapor condensation on horizontal smooth and grilled pipes. p.75.
Chistiakov, F.M. - Calculating vacuum systems. p.101.

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT. Nauchnye trudy [POLYTECHNICAL INSTITUTE. Studies], Erivan, vol. 30(44), 1955. Raboty mekhanicheskogo fakul'teta [Studies by the Department of Mechanics].

Table of contents translated:

Kutukov, A.A. - Brief outline of the history of Russian engine design. p.3.
Lyshevskii, A.S. - Cross section of the distribution of fuel sprays. p.21.
Lyshevskii, A.S. - Distribution of droplets by size during fuel atomization by diesel engine nozzles. p.25.
Lyshevskii, A.S. - Fuel atomization by diesel engine nozzles. p.33.
Voskoboinikov, N.P., Kuz'min, N.F., Savin, M.M. - Designing cylindrical pitch gears cut by standard hobbing cutters. p.53.
Kolokolov, K.M. - Theory of caterpillar drives; the guiding chain gear. p.63.
Sypchenko, O.I. - Theory of automatic variable-speed drives operated by the utilization of centrifugal forces of inertia. p.83.
Ivanov, B.N. - Regulating the theoretical length of the belt in V-belt stepless transmissions without using adjusting devices. p.95.
Ivanov, B.N. - The form of the generating line of pulleys in stepless V-belt transmissions. p.103.
Kuz'min, N.F. - Pressure-contact ratio parameters for lubricant viscosity. p.109.
Kuz'min, N.F. - Minimum contact safety zone on gear wheel surfaces. p.115.
Kuz'min, N.F. - Investigating frictional forces between steel roller contacts at high-speed sliding and high temperatures. p.123.
Zimin, IU.P. - Comparison of cutting processes used in turning and milling operations. p.131.
Vorob'ev, E.N. - Cementation of steel in casting molds. p.137.
Leonov, N.F. - Manufacture of gears by hot rolling. p.143.
Klochko, P.P. - Designing compensated three-dimensional links. p.149.
Stalevskii, M.S. - Plotting the line of intersection of two cylinders on the evolute of these cylinders. p.175.
Belitskii, M.S. - Optimum rate of engine revolutions and speed performance of automobiles. p.191.
Liakhovets, L.V. - Hermetic sealing of passenger car bodies. p.201.
Savin, N.M. - Possibilities for simplifying the design of swing-axle independent wheel suspensions used on automobiles. p.210.
Filimonov, A.A. - "Preheating" of lead babbitt bearings. p.218.
Lyshevskii, A.S. - Pressure-viscosity ratios for diesel fuels. p.225.

OZDOROVLENIE USLOVII TRUDA NA ZAVODE [IMPROVING WORKING CONDITIONS IN PLANTS]. Issued by Sverdlovskii nauchno-issledovatel'skii institut okhrany truda [Sverdlovsk Scientific Research Institute for the Protection of Labor]. Sverdlovsk, no. 6, 1956.

Table of contents translated:

Preface. p.3.
Malykh, A.A. - New air conditioning units. p.5.
Spirina, A.M. - Improving the microclimatic conditions while unloading refractory articles from annular kilns. p.17.
Malykh, A.A. - Organizing relaxation facilities. p.34.
Smol'nikov, N.I. - Test results for some collective and individual safety appliances used during metal pouring in open-hearth plants. p.44.
Deriabin, V.V. - Mirror reflecting surfaces for illuminating metal-inspection working areas. p.58.
Vershinin, M.V. - Efficient lighting of areas used for the detection and removal of defects on ingots and billets of ferrous metals. p.63.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Glavnoe upravlenie trudovykh rezervov [Main Administration of Labor Reserves]. Moscow, vol. 13, no. 10(137), Oct. 1956.

Table of contents translated:

Carry out to completion the decisions of the pedagogical conferences. p.1.
Smagin, A. - Large plots of land for schools of mechanization. p.3.
Il'in, S. - Industrial practice at machine-tractor stations. p.4.
Vaninskaia, A., Kalistratov, N. - Using the new programs. p.7.
Baranov, M. - A good beginning and a sad end. p.9.
Davydov, N. - Water-and-oil heater. p.11.
The mechanics of rural electrification. p.13.
Slavuta, I. - At construction sites on collective farms. p.14.
Chugunova, E. - Preparing students for independent work. p.15.
IAnkovskii, V. - Teaching specialized technology. p.19.
Riabov, N. - Industrial activity of educational institutions. p.21.
Golyshevskaia, A. - Superintendent of a dormitory. p.24.
Kucherenko, M. - Way to master an occupation. p.25.
Donskoi, D. - Preparation of models in school. p.26.
Technical inventiveness of mechanizers. p.27.
Nemakin, N. - A school's wall newspaper. p.28.
Derzhin, S. - Practical seminar for administrative personnel. p.28.
Vashchenko, D. - A knowledge of economics for workers. p.29.
What to read about the latest in technology. p.31.
News items. p.32.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. Gosudarstvennyi obshchesoiuznyi standart [All-Union Committee of Standards. State All-Union Standard]. Moscow, GOST 5950 for the year 1951.

GOST 1845 for the year 1952.

GOST 3478 for the year 1954.

GOST 520, 7781-7820 for the year 1955.

GOST 42, 443, 914, 937, 1053, 1450, 2138, 2864, 3135, 3730, 3814, 4036, 4267, 5066, 5580, 5635, 5747, 5748, 5945, 6089, 7023, 7685, 7861-7863, 7865, 7871, 7873, 7875, 7877-7879, 7882-7886, 7888-7890, 7892-7896, 7900, 7901, 7903, 7904, 7959, 7963-7965, 7967-7985, 7994-7999, 8000-8001, 8003, 8004, 8008, 8015-8019, 8022, 8023, 8026, 8027, 8029, 8033, 8036, 8037, 8041, 8043, 8044, 8047, 8049, 8051, 8053, 8068-8071 for the year 1956.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 4, July-Aug. 1956.

Table of contents translated:

Tkachenko, V.V. - General introduction of preferred numbers. p.3.
Kovelman, G.M. - Selection of dimensional series for assorted metal girders. p.7.
Pen'kov, P.M. - Dimensional series for machine tools. p.12.
Livshits, P.S. - Application of preferred numbers to the selection of dimensions for electric contact brushes. p.17.
Lesokhin, A.F. - Selective assembly of multilink dimensional chains. p.21.
Leonov, K.F. - Projected plan for the complex standardization of refractory material. p.27.
Averbukh, IA.S. - Planning international standards for electric measuring instruments. p.30.
Kokhtev, A.A. - Tasks of the standardization laboratory. p.33.
Grigor'ev, I.K. - Teaching the principles of standardization in factories. p.35.
Improving the work done on normalization in various government departments. p.36.
Trakhtenberg, B.F. - Standards for sheet steel used in the electric industry. p.40.
Nistratov, A.F. - Establishing precision norms for crank presses. p.44.
Kvater, I.S., Skliuev, P.V. - Shortcomings of crankshaft standards. p.55.
Evstiushin, N.I. - Classification and conventional notations for tools and attachments used in machine construction. p.57.
Pyzhevich, L.M., Vukolov, L.A. - Selecting shapes and sizes for brake shoes. p.60.
Korshunova, V.A. - Improving brake equipment for railroad rolling stock. p.66.
Dmitrenko, P.A., Kladolei, I.P. - Suggested standards for granular superphosphates. p.68.
Benenson, M.V., Slutskaia, F.A. - Standards for shellac varnish. p.70.
Glagovskii, B.A. - Standardizing the terminology related to the electric measurements of nonelectric values. p.71.
Vainberg, M.Sh. - Terminology used in gamma ray techniques. p.73.
Andreevskii, V.G. - Increasing the control for observance of governmental standards in the construction industry. p.75.
Stepin, I.A. - Unification of containers. p.76.
Kivilis, S.S. - Standardization of water meters used in homes and apartments in Germany and in the U.S.A. p.77.
Articles on standardization. p.79.
Periodicals. p.80.
Standardization abroad. p.96.

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy (Sbornik statei) [URAL POLYTECHNICAL INSTITUTE. Transactions (Collected papers)]. Moscow, no. 45, 1953. Raschet i konstruirovanie zavodskogo oborudovaniia [Design and construction of plant equipment].

Table of contents translated:

Preface. p.3.
Tiagunov, V.A. - Operating conditions of reversing rolling mills. p.5.
Shpunberg, IA.N. - Calculating power consumption during hot rolling. p.41.
Pal'mov, E.V. - Temperature of wires in the process of drawing. p.76.
Tarnovskii, I.IA. - Equilibrium of forces during rolling with lateral spreading. p.97.
Shweikin, V.V. - Determining the surface projection area of pipes being in contact with the rolls of automatic mills. p.121.
Canago, O.A., Tarnovskii, I.IA., Krasovskii, N.N. - Designing optimum blank shapes for forging gear-type products. p.137.
Bukhvalov, B.N. - Designing drives for wire reelers on wire-rod mills. p.152.
Vorob'ov, S.A. - Reasonable selection of motors for drives operating under frequent switching conditions. p.166.
Shubenko, V.A. - Optimum slip conditions and minimum load losses of asynchronous motors used in drives operating under abruptly varying loads. p.181.
Grigor'ov, G.G. - Instrument for measuring draw-plate profiles. p.192.

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 24, no. 10, Oct. 1956.

Table of contents translated:

Youth in workshops and laboratories. p.2.
Naidenov, N. - A new sea. p.4.
Horvat, Zoltán. - Printed circuits. p.5.
Löbl, A. - International exhibition in Belgium. p.8.
Hsu' K'e-ming. - The dawn of rocket engineering. p.9.
Luminescent molecules. p.9.
Hofstadter, Robert. - The atom is inexhaustible. p.10.
Short notes. p.13.
Makeric, IU. - The new "Tatra." p.16.
The poet of electrical science. p.17.
Van Khun kun'. - Chinese people plan the future of their country. p.19.
Zhirov, N.F. - The unsolved problems of science. p.22.

Delfino, Jorge Cortine. - The daring project of Chilean engineers. p.25.
Travel notes. Suez Canal - Aden - Singapore. p.26.
Arman'iak, Olden. - An architect's outstanding discovery. p.30.
Flying saucer. p.32.
Stimson, Thomas E. - Mexico City University. p.33.
The world of books and magazines. p.34.
Cold combustion and the atom. p.36.
Lebedev, IU. - Angkor. p.37.
Inquisitive thought. p.38.
Photography or engraving? p.39.

ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 26, no. 8, Aug. 1956.

Table of contents translated:

Gorlunova, N.A., Kolomiets, B.T., Mal'kova, A.A. - Properties and structure of ternary semiconductor systems. p.1625.
Shotov, A.P. - Electron-hole transition breakdown in germanium subjected to impact voltages. p.1634.
Svechnikov, S.V. - Properties of cadmium sulfide photoresistors subjected to gamma and beta radiation. p.1646.
Gubanov, A.I. - Free path length of electrons in liquid and amorphous conductors. p.1651.
Bol'shov, V.G., Seleznev, V.K. - Secondary electron emission of copper, germanium and tin in the solid and liquid state. p.1657.
Ekertova, L.I. - Additivity of photoemission and secondary electron emission in metals. p.1665.
Elinson, M.I., Vasil'ev, G.F. - Field emission of tantalum. p.1669.
Vekaler, V.I., Ben'iaminovich, M.B. - Atomization of tantalum and nickel in the form of ions following bombardment by positive cesium ions. p.1671.
Rozman, I.M., TSimmer, K.G. - Investigation of the electric conductivity of insulating materials before, during and after ionizing radiation. p.1681.
Andrianov, K.A., Golubkov, G.E. - Electric properties and the structure of organosilicon polymers. p.1680.
Verebeichik, N.M., Odelevskii, V.I. - Dielectric losses in glasses. Part 2. Investigation of the electric and physical properties of sodium aluminosilicate glasses. p.1696.
Verebeichik, N.M., Odelevskii, V.I. - Dielectric losses in glasses. Part 3. Relaxation "high-temperature" dielectric losses in alkali glasses. p.1704.
Balygin, I.E., Porovskii, K.S. - Insulation "aging" in ceramics at high temperatures. p.1714.
Mikhailov, G.P., Sazhin, B.I. - Investigating the dielectric polarization and loss in polytrifluorochloroethylene. p.1723.
Bazhenov, N.M., and others. - Photoelastic effect in polystyrene and in its halogen derivatives. p.1730.
Mikhailov, G.P., Krasner, L.V. - Dielectric loss technique of investigating the concentration dependence of relaxation times in present-day polymers. p.1738.
Koton, M.M. - Properties of scintillating plastics. p.1741.
Zel'dovich, IA.B., Kogarko, S.M., Simonov, N.N. - Experimental investigation of gas detonation in spheres. p.1744.
Aleksandrov, G.N. - Physical conditions of corona discharge formation due to alternating voltage. p.1769.
Bunkin, F.V. - Statistical characteristics of magnetic reversal in ferromagnetic materials. p.1782.
Bunkin, F.V. - Cyclic magnetic reversal noises in ferromagnetic materials. p.1790.
Bykhovskii, A.I. - Factors affecting the transformation of white tin into gray tin. p.1799.
Kalashnikov, IA.A., Vereshchagin, L.F. - Measurement of temperatures at high pressures as a function of radiation and some optical phenomena in gases under these conditions. p.1802.
Mints, A.L., Kristi, N.M. - Certain characteristics of dynamic vacuum systems. p.1815.
Mologin, M.A. - Wave motion on the surface of separated flow in horizontal pipes. p.1823.
Moizhes, B.IA. - On the shape of electron trajectories in the magnetron under static conditions. p.1836.
Likhachev, IU.I. - Causes of the development of large plastic deformations in specimens with annular grooves subjected to tensile forces. p.1841.
TSederberg, N.V., Timrot, D.L. - Experimental determination of the thermal conductivity of liquid oxygen. p.1849.
Nekhendzi, E.IU. - Analysis of the "Two Bio technique" used in the determination of thermal constants of metals and insulating materials. p.1857.
Vakhrameev, A.N. - On an error in the theoretical analysis of ferroresonance frequency phenomena equal to one-third of the frequency of the induced force. p.1862.
Rautian, G.N., Ioffe, B.F. - On F. Nechai's paper "Feasibility of measuring the refraction indexes of crystals on Abbe-type refractiometers." p.1863.

Vol. 26, no. 9, Sep. 1956.

Table of contents translated:

Vavilov, V.S., and others. - Formation of crystal lattice defects in germanium due to bombardment by fast electrons. p.1665.
Shuvalov, IU.N. - Correlation between the changes in electric conductivity and the redistribution of the electron density in cadmium sulfide crystals. p.1670.
Kuz'min, D.V. - Dipole moments of dielectric and semiconductor particles. p.1680.
Bogoroditskii, N.P., Fridberg, I.D. - Characteristics of the temperature dependence of dielectric losses following the polarization of ionic compounds. p.1684.
Bogoroditskii, N.P., Fridberg, I.D., TSvetkov, N.M. - Anomalous polarization in titanium dioxide polycrystals. p.1690.
Bokov, V.A. - Behavior of ferroelectric substances in strong electric fields. p.1902.
Isupov, V.A. - Causes of the formation of Curie zones in some ferroelectric solid solutions. p.1912.
Balygin, I.E., Obraztsov, A.I. - Electric field intensity dependence of dielectric losses in ceramic materials. p.1917.
Mikhailov, G.P., Borisova, T.I., Dmitrochenko, D.A. - Relaxation dielectric losses in polymethylmethacrylate. p.1924
Fedorenko, N.V., Afrosimov, V.V., Kaminker, D.M. - Electron capture and ionization in the interaction of single-charge positive ions and atoms of gases. p.1929.
Fedorenko, N.V., Afrosimov, V.V. - Ionization of gases by $He^+$, $Ne^+$, and $A^+$ ions resulting in the formation of multicharge ions in a single interaction. p.1941.
Pimenov, IU.V. - Steady processes in the plane-parallel diode with external magnetic field. p.1955.
Bonshtedt, B.E., Dmitrieva, T.G., TSukkerman, I.I. - Calculating the resolving power of electron optical converters with homogeneous fields. p.1966.
Kolomenskii, A.A. - Theory of the betatron oscillation of particles in magnetic systems. Part 1. p.1960.
Kolomenskii, A.A. - Theory of the betatron oscillation of particles in magnetic systems. Part 2. p.1973.
Orlov, A.N., Fedorov, G.V. - Absorption of betatron bremsstrahlung in a bilaminar absorber. p.1991.
Tiabin, N.V. - Flow of an anomalously viscous fluid between two plane plates and two coaxial cylinders. p.1994.
Slavnov, V.V. - Free heat convection in round vertical metal pipes. p.2002.
Gusev, I.V., Nikitina, N.I., Aerov, M.E. - Heat and mass transfer in a granular layer. p.2005.
Zingerman, A.S. - Effect of heat conductivity on electric erosion in metals. p.2006.
Kontorova, T.A. - Thermal expansion and heat conductivity of some crystals. p.2021.
Zavaritskii, N.V., Zel'dovich, A.G. - Heat conductivity of commercial materials at low temperatures. p.2032.
Rozenfel'd, L.M., Onosovskii, V.V., Serdakov, G.S. - Experimental testing of the feasibility of adapting refrigerating machinery for heating and cooling buildings using heat produced in the operation of hydroelectric power stations. p.2037.
Nosenko, B.M., Revzin, L.S., Iaskolko, V.IA. - Using $CaSo_4.Mn$ for dosimetric purposes. p.2040.
Akanov, N.I., Sabaitis, IU.I. - Natural oscillation technique for measuring rotational moment derivatives. p.2040.
Tikhonov, V.I. - When can a nonstationary random process be substituted for a stationary one. p.2057.
Moskalev, V.A. - Siercobetatron. p.2060.
Barsukov, IU.K. - Differential cathode-coupled pulsed amplifier. Part 2. p.2062.
Fedorchenko, I.M. - Factors interfering with the normal shrinkage in sintering powdered metals. p.2067.
Pines, B.IA., Sukhinin, N.I. - Regular patterns in the mechanical strength curves of solids produced by sintering powdered metals. p.2076.
Pines, B.IA. - Sintering of nonmonophasic solids. Part. 1 Sintering of heterogeneous granules. p.2080.
Pines, B.IA., Sukhinin, N.I. - Sintering of nonmonophasic solids. Part 2. Sintering of compressed powder mixtures. Concentration dependence of shrinkage. p.2100.
Pines, B.IA. - Calculating simple equilibrium diagrams of ternary alloys. Part.1. General equations and their solutions for cases of solution decompositions occurring without phase change. p.2108.
Vasil'ev, D.M., Margolin, G.I., Dianov, S.V. - X-ray analysis of the nature of rupture due to impact load applications. p.2110.
A.I. Tudorovskii, honored scientist of the Russian Soviet Federative Socialist Republic. p.2125.
Gubanov, A.I., Makovskii, L.L. - On K.B. Tolpygo's and I.G. Zaslavskaia's paper "Bipolar diffusion in semiconductors at considerable currents" (Zhur. tekh.fiz. 25, 955, 1955). p.2126.
Tolpygo, K.B. - Note on Gubanov's and Makovskii's letter concerning the paper presented by Tolpygo and Zaslavskaia "Bipolar diffusion in semiconductors at considerable currents." p.2127.
Rautian, G.N., Ioffe, B.V. - On F. Nechai's paper "Feasibility of measuring the refractive index of crystals on Abbe-type refractometers. p.2129.

## b) AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 13, no. 9, Sep. 1956.

Table of contents translated:

Gorshkov, A. - Financial discipline is the absolute law for every subdivision. p.1.
Work results of Air Fleet subdivisions for the last seven months. p.2.
Lysov, I. - Combined railroad and air transportation. p.3.
Teplitskii, A. - Landing an airplane on an airport and piercing the cloud cover with the help of radar. p.6.
Manushkin, S. - Determining the wind direction and speed by means of radar. p.8.
Reshtein, N. - Sound locator used in the landing approach of an airplane. p.9.
TSygankov, V. - Special problems in flying over the Caucasian Range. p.10.
Kobelev, A. - More visual aids in training. p.11.
Pimenov, N. - Determining the wind on a NL-8 from the drift angle and the ground speed. p.12.
Vinitskii, V., Pavlov, IU. - Landing helicopter in case of an engine failure. p.14.
Bashta, T. - Increasing the reliability of pipes in hydraulic systems. p.16.
Vorob'ev, A. - Varnish and paint remover. p.19.
On the Sakhalin airway routes. p.20.
Stepanov, N. - Expert repair and flight test of an Il-14 airplane. p.22.
Ragozin, N., Vorob'eva, A. - Removal of water from fuel. p.23.
Piskov, G. - Give care and attention to passengers. p.24.
Tafopol'skii, G. - Striving for technical progress. 2. Introducing progressive technology. p.27.
Shumilin, V. - What hampers the use of aviation on collective farms. p.29.
Chapek, A. - Causes of indistinct orders from the dispatcher. p.30.
Semenov, P. - Debatable problems. p.32.
Diuburg, I. - We study practical economics. p.33.
Lublanov, I. - An-2 at the construction site of the Bratsk Hydroelectric Power Station. p.33.
Sheiest, V. - Increase airplane dusting work. p.34.
Diary of civil aviation. p.35.
Pien Jen-k'eng. - My fate. p.36.
Turanov, A. - Commercial aviation in East Germany. p.38.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 7, no. 9, Sep. 1956.

Table of contents translated:

Improve sport mastery! p.1.
Korzinkin, P. - Third world championship in sport parachutism. p.2.
On the airways of the country. p.6.
Sokolov, V. - For our motherland and our people. p.9.
Stepanov, E. - Competition among parachutists of the Russian Federation Aeroclubs. p.11.
Sheremetev, B. - Sh-18 glider. p.13.
Arisoulov, K. - How we won a victory over the spin. p.15.
Chistov, A. - At the spurs of the Sikhote-Alin Range. p.17.
Kraslavskii, B. - Theory of the high-speed model airplane with guide lines. p.19.
Bogdanov, M. - Reviews and bibliography: "Speed, acceleration, pull of gravity." p.22.
Aircraft technology abroad. p.23.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 02, 1956.

Title translated:

Grumondz, T.A. - Band air brakes for reducing the speed of airplanes during maneuvers. 45 p.

Title transliterated: Grumondz, T.A. - Lentochnyi vozdushnyi tormoz dlia tormozheniia samoleta na manevre. 45 p.

No. 06, 1956. Nekotorye voprosy teoreticheskoi elektrotekhniki [Some problems in theoretical electric engineering].

Table of contents translated:

Foreword. p.3.
Limnichenko, N.N. - Engineering methods for calculating linear electrical circuits with constant parameters. p.5.
Khukhrikov, S.S. - Approximate numerical method for calculating transient processes in linear and nonlinear systems (recurrent formula method). p.25.
Inozemtsev, S.P. - Eliminating phase and amplitude changes in output voltage and current of a four-terminal network during small variations of frequency. p.36.
Timofeev, A.B. - Optimal cross-section form of toroidal coils. p.42.
Kupalian, S.D. - Skin effect in a bus bar of rectangular cross section. p.55.
Kamenskii, A.V. - Calculation of conductor inductances by means of Maxwell's equations. p.62.
Inozemtsev, S.P., Istratov, V.N., Kamenskii, A.V. - Automatic frequency control of airplane a.c. generators operating in parallel. p.69.
Kamenskii, A.V. - Use of "summators" of three-phase current in relay protection systems. p.74.
Rakhmanov, V.F. - Similarity of methods for calcu-

lating transistor and electron-tube amplifiers at low signal voltages. p. 61.

## c) CHEMICAL TECHNOLOGY

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR, Ministerstvo kommunal'nogo khoziaistva RSFSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R., the Ministry of Communal Economy of the R.S.F.S.R., and the Scientific and Technological Society of the Electric Power Industry]. Leningrad, no. 11, Nov. 1956.

Table of contents translated:

Minskii, E.M., Korchazhkin, M.T. - Calculating the capacity of cyclone separators. p. 1.
Belov, K.A. - Introducing progressive methods for the exploration of gas deposits. p. 6.
Leibzon, Z.I. - Increasing heating capacity of gas in automotive gas producers by pyrolysis of liquid hydrocarbons. p. 10.
Al'tshuler, V.S., Lebedev, V.V. - Methanation of water gas for city gas production. p. 17.
Gofman-Zakharov, P.M. - Technical and economic prerequisites for the construction of low-pressure city gas systems. p. 22.
Baronikhin, A.S. - Telemetry and remote control of gas distributive stations. p. 26.
Kel'tsev, N.V. - Drying gas in an adsorbent moving bed. p. 32.
Air-cooled refrigerators. p. 36.
Bibliography. p. 39.

GIDROLIZNAIA I LESOKHIMICHESKAIA PROMYSHLENNOST' [HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY]. Issued by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol. 9, no. 4, 1956.

Table of contents translated:

Execute the plans for the development and introduction of the new technical methods. p. 1.
Koriakin, V.I., Repin, A.S., Khlyzov, A.N. - Utilization of vertical continuous retorts at the Amzinskii Wood Chemical Plant. p. 4.
Shpuntova, M.E., Maksimenko, N.S., Grankina, L.G. - Perfecting pentose and hexose hydrolysis of cottonseed hulls. p. 7.
Adaskin, E.M., Luk'ianova, N.L. - Stability of xylose in subacid and subalkaline media. p. 10.
Silishchenskaia, N.M. - Neutral oils from wood tars. p. 11.
Sapotnitskii, S.A., Glushchenko, N.V., Khristiuk, I.A. - Effect of cymene on the precipitation of slime from sulfite liquor. p. 13.
Orlov, I.I. - Pine with a high resin yield. p. 14.
Vasiunina, N.A., Chepigo, S.V., Pavlov, S.V. - Reducing losses of intermediate products in the production of hydrolytic xylose. p. 15.
Sukhov, G.V. - Preliminary results of the study of biosynthesis of resin with radioactive carbon. p. 17.
Snesarev, K.A., Vorob'eva, M.T., Ageev, M.E. - Rapid method for determining the temperature of colophony softening. p. 17.
Snesarev, K.A., Vorob'eva, M.T., Zarakovskaia, A.I. - Rapid method for determining moisture in gum. p. 19.
Malykh, M.I. - We are raising labor productivity. p. 20.
Shabalin, A.S., Sapiro, M.M. - Using automatic regulators in hydrolysis plants. p. 21.
Rybnikov, A.N. - Production of higher ethers. p. 22.
Tarasova, A.G. - Production of ethyl butyrate. p. 23.
Marder, M.V. - Burning lignin at the Arkhangelsk Hydrolysis Plant. p. 24.
Klebanovich, V.P. - Raising the power factor of electric equipment. p. 25.
Tros'ko, I.K., Danilik, V.N. - Using tree tapping to obtain oleaster gum. p. 26.
Kuznetsov, N.D. - Lining cast-iron vats. p. 27.
Shilov, A.A., Akimova, R.A. - Economic effectiveness
chemical installation at the
p. 28.
karova, G.A. - Means for increas-
y of power and chemical equip-
questions:
w materials in hydrolytic appa-
its resistant to ethers. p. 30.
ns. p. 30.
nts translated:
st of production. p. 1.
unova, Z.A. - Neutralization
th controlled crystallization of
omarova, L.I. - Vitamins in
a, L.V., Skvortsov, S.O. -
le and volatile phenols from
Sokolova, V.A., Romanenko, V.V. - Using wood pitch in foundry practice. p. 10.
Vysotskii, I.V. - Results of tests for an effective method of prolonged tree tapping. p. 12.
Bogomolov, B.D. - Analyzing the composition of hydrolytic lignin. p. 15.
Conference on the new technique and exchange of experience in the utilization of sulfite liquors. p. 17.
Cheremukhin, I.K. - Industrial use of hydrolyzate neutralization with controlled crystallization of gypsum. p. 19.
Ukolov, IA.N. - Ethyl acetate extraction of acetic acid from a distillate containing tar. p. 19.
Kotska, I.I., Satler, A.A. - Using silver fillings as catalyst in the production of formalin. p. 20.
Morozov, E.F., Savinykh, A.G. - Hydrolytic apparatus with a 30-cubic-meter capacity. p. 21.
Bazanov, D.M., Korovin, N.G. - Improving the acid liquor mixer. p. 22.
Volkov, IU.M. - Fire-brick lining of hydrolytic apparatus. p. 22.
Mukhutdinov, A. - Advanced technical methods. p. 23.
Petrov, A.V. - Improved cutter holder. p. 23.
Bardyshev, I.I. - Prospects of broadening the raw material supply for rosin and turpentine production. p. 24.
Gurich, N.A., Inshakov, M.D. - Thorough utilization of wood with a low resin content. p. 25.
Mednikov, F.A., Tiul'panova, T.N. - Gathering and processing unsawed stump wood. p. 26.
Smoliakov, B.L. - Conference on problems relative to the development and improvement of the rosin extraction industry. p. 28.
Terent'eva, V.V., Savel'eva, O.V. - Design of a new plant for dry distillation of wood. p. 29.
Korotov, S.IA. - A useful book. p. 31.
Efficient method for removing tubes from heat exchangers. p. 32.
S.I. Korol'kov; obituary. p. 32.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Ministerstvo khimicheskoi promyshlennosti [Ministry of Chemical Industry]. Moscow, no. 5, July-Aug. 1956.

Table of contents translated:

Amelin, A.G., Shumilovskii, N.N. - Automation of sulfuric acid production by the contact method. p. 257.
Shvartsshtein, IA.V. - Recovery of nitric oxides by sulfuric acid in a tower with plane-parallel packing. p. 264.
Kalaus, A.E., and others. - Oil rubbers and their technical characteristics. p. 267.
Kargin, V.A., Kariakina, M.I., Beresineva, Z.IA. - Study of protective properties of varnish and paint coatings by the electrochemical method. p. 276.
Blagonravova, A.A., and others. - Development of the technique of producing urea-formaldehyde resins. p. 280.
Fridman, I.M., and others. - Color stability in color cinematic films. p. 283.
Kleinshtein, L.S. - Electronic recording polarograph. p. 285.
Romankov, P.G., IAblonskii, P.A. - Regularity of the process of air classification of solid materials in classifiers. p. 288.
Fotinich, I.D. - Work of central laboratories in enterprises of the nitrogen industry. p. 295.
Sveshnikov, M.A., Andreichenko, A.M. - Twenty-fifth anniversary of Voskresensk Chemical Combine. p. 297.
Andreev, V.V. - Corrosion protection of apparatus for the production of superphosphate. p. 299.
Stepin, B.D., Gil'denblat, I.A., Grinshtein, S.A. - Efficient utilization of heat in the production of copper sulfate. p. 303.
Fedoseeva, Z.K., Freidlin, G.N. - Chemical removal of formic acid from acetic acid with potassium permanganate and bichromate. p. 306.
Ivanov, M.V. - Oil heater for mobile air compressors. p. 308.
Platonov, V.M. - Industrial methods for isolating ethylene from refinery gases. p. 308.
Brief news. p. 315.
Berkman, B.E. - "General chemical technology of organic compounds" by B.M. Bogoslovskii and others. p. 319.

KHIMIIA I TEKHNOLOGIIA TOPLIVA [CHEMISTRY AND TECHNOLOGY OF FUEL]. Issued by Ministerstvo neftianoi promyshlennosti SSSR and Prezidium Akademii nauk SSSR [Ministry of the Petroleum Industry of the U.S.S.R. and the Presidium of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Agafonov, A.V., Krasivichev, V.V. - Catalytic cracking of heavy distillate fractions of sulfur petroleums with aluminosilicates as catalysts. p. 1.
Ezhik, I.I., Kovalev, I.A. - Determining the heat capacity of benzene, paraxylene, metaxylol and cyclohexane in a supercooled state. p. 12.
Chertkov, IA.B., Zrelov, V.N. - Low temperature properties of hydrocarbon fuels; nomogram for determining the temperature of crystallization of fuels and their fractions. p. 14.
Grinenko, B.S. - Production of acetylene by oxidizing pyrolysis of methane. p. 18.
Doladugin, A.I., Nesterovskii, V.V., Khmel'nitskii, IU.L. - Methylation of pentanes with methyl chloride; composition of reaction products of 2-methyl-2-butene methylation. p. 26.
Bashkirov, A.N., Novak, F.I. - The study of thermal
and chemical activation of talc catalysts in synthesis involving CO and $H_2$. p. 32.
Zhmina, K.I., and others. - Mass spectrometric analysis of gaseous hydrocarbon mixtures. p. 37.
Al'tshuler, V.S., Shafir, G.S. - Semicoking of solid fuels in an active gaseous medium under high pressure. p. 45.
Kollerov, D.K. - Speed of thermal decomposition of the organic matter in shales. p. 55.
Skoblo, A.I., Sul Von'-Ilan', - Effect of hydrodynamic operation and design of the fractionator bubble plate on the development of the phase contact surface. p. 63.
Shmulikovskii, IA.E., Alekseandrov, N.N. - Spectral determination of calcium in aluminosilicates. p. 70

No. 11, Nov. 1956.

Table of contents translated:

Slavov, V.I. - Lowering the cost of construction of petroleum refineries. p. 1.
Slepukha, T.F. - Basic considerations for working out the technological plans of new petroleum refineries. p. 8.
Mukhamedova, L.A. - Composition of gases of petroleum deposits of the Tatar A.S.S.R. p. 19.
Nesterovskii, V.V., Doladugin, A.I., Khmel'nitskii, IU.L. - Methylation of pentenes with methyl chloride (Methylation 3-methyl-1-butene, 2-pentene and 1-pentene). p. 15.
Serik, E.S. - Dynamics of the isolation of products resulting from the thermal processing of coals. p. 19.
Shevtsov, I.S., Indukov, N.M., Rustamov, M.I. - Means for increasing the yield of the light petroleum oil products and the lowering of technical losses in atmospheric and vacuum installations. p. 30.
Rybak, B.M. - Evaluation of certain physical and chemical constants in connection with the study of hydrocarbon compositions of crude oils. p. 39.
Englin, B.A., Tugolukov, V.M., Sakodynskaia, T.P. - Relationship of the dissolved water content of hydrocarbon fuels to relative humidity at different temperatures. p. 43.
Lipshtein, P.A., Shtern, E.N. - Water solubility in insulating oils. p. 49.
Budarov, I.P., Riabova, A.S. - Methods for determining the acidity of ethylated (colored) gasolines. p. 55.
Eigenson, A.S., and others. - Laboratory method for determining the content of salts in petroleums. p. 60.
Bukhshtian, TS.A. - Determining the initial parameters in designing petroleum refinery furnaces. p. 66.

MOSCOW. VSESOIUZNYI NAUCHNO ISSLEDOVATEL'SKII INSTITUT KONSERVNOI I OVOSHCHESUSHILNOI PROMYSHLENNOSTI. Referaty nauchnykh rabot [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR THE CANNING AND DEHYDRATED VEGETABLES INDUSTRY. Science Abstracts.] No. 3, 1955

Table of contents translated:

Namestnikov, A.F., and others. - New varieties of canned vegetable appetizers. p. 3.
Rabiner, N.IA., Merkulov, A.A. - Universal vegetable cutter. p. 6.
Rabiner, N.IA., Merkulov, A.A. - Filling machine for new varieties of canned vegetable appetizers and main vegetables. p. 10.
Zverev, Z.G., Orel, R.T. - Testing of a machine for packing cans in boxes. p. 14.
Kochetova, L.T., and others. - New varieties of canned sardines and anchovies. p. 17.
Kotliar, I.Kh., and others. - Change in quality of canned baby foods during storage. p. 22.
Apt, F.S., Nekhotenova, T.I., Gluz, D.S. - Causes of penetration of coccal forms of bacteria in canned fish and meat. p. 27.
Grzhivo, V.S., Val'ter, L.IA. - Rapid determination of the content of dry substances in canned foods. p. 32.
Rabiner, N.IA., Molchanov, D.N. - Direct equipment for sulfitation and desulfitation of fruit in canning. p. 37.
Merkulov, A.A. - Combined continuous refrigerator and sulfitation apparatus for pureed foods. p. 50.
Khakhina, L.P. - New varieties of canned dehydrated meat and fish. p. 54.
Genin, S.A., Chinenova, E.G. - Dry soybean fermentation hydrolyzate. p. 57.
Platigorskaia, T.I. - Colloid-chemical change in apple sauce during drying. p. 61.
Nekhotenova, T.I. - Microflora of food concentrates. p. 66.
Volkov, E.N., Verkhoshanskaia, O.V. - Study of varieties of peas as a raw material for the production of concentrates. p. 71.
Krivin, B.G. - Disinfection of pea seeds. p. 76.
Novikova, E.D. - Method for feeding tomatoes under irrigation. p. 79.
Sukortseva, K.D. - Tomato culture without transplanting. p. 82.
Krivin, B.G. - Factors limiting the spreading of "stolbur" (virus disease) of tomatoes. p. 88.
Voroniuk, B.A. - Slightly dehiscent SI-3 sesame. p. 92.
Kolesov, N.V. - Individual variability in Podbel'skaya cherries. p. 95.

Men'shikova, V. A. - Changes in quince during storage. p. 97.
TSygankov, S. K. - Gall gnats as pests of black currant. p. 99.
TSygankov, S. K. - Morphological and biological characteristics of the currant clearwing moth (Synanthedon tipuliforms). p. 102.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KONSERVNOI I OVOSHCHESUSHIL'NOI PROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR THE CANNING AND DEHYDRATED VEGETABLES INDUSTRY. Transactions]. No. 5, 1955. Selektsiia i semenovodstvo ovoshchnykh kul'tur [Vegetable breeding and seed growing].

Table of contents translated:

Preface. p. 3.
Vishnevskii, S.I. - Results of tomato variety tests in supply zones of the canning industry. p. 5.
Varentsov, I.I. - Chemical and technological testing of tomato varieties. p. 55.
IAkushkina, O.V., Khlopina, S.I. - Regionally adapted tomato varieties in supply zones of the canning industry. p. 64.
Kudriavtseva, V.V. - Sexual and vegetative hybridization of tomatoes at the Stalingrad Plant Breeding Station. p. 81.
Arkhangel'skii, S.A., and others. - "Interzonal system in tomato breeding. p. 103.
IAkushkina, O.V. - Effect of growing conditions on changes in the characteristics of tomato varieties. p. 113.
Vishnevskii, S.I. - Breeding tomatoes for increased dry matter content. p. 129.
Bozhenko, I.N. - Variation in the dry matter content of tomatoes. p. 136.
Ivanova, E.A. - Selecting tomato varieties for hybrid seed production. p. 149.
Khlopina, S.I. - Evaluating properties of seeds of various tomato varieties intended for cultivation of tomatoes not involving transplantation. p. 152.
Katarzhin, M.S. - Sweet red pepper breeding at the Stalingrad Plant Breeding Station . p. 158.
Katarzhin, M.S. - Canning 10, a new variety of eggplants. p. 171.
Peregudt, M.F. - Selecting pollinators of local onion varieties for growing crossbred onion seeds. p. 176.
Tkachenko, N.N. - Growing hybrid cucumber seeds. p. 185.
Drozd, A.M. - Developing varieties of winter peas for the foothills of Krasnodar Territory. p. 191.
Drozd, A.M. - Formation of types in lima bean hybrids under conditions prevailing in Krasnodar Territory. p. 210.
Kuz'micheva, T.G. - Improving regionally adapted canning vegetable varieties by producing high-quality seeds. p. 218.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Glavnoe upravlenie sakharnoi promyshlennosti Ministerstva promyshlennosti prodovol'stvennykh tovarov SSSR [Main Administration of the Sugar Industry of the Ministry of the Food Products Industry of the U. S. S. R. ]. Moscow, vol. 30, no. 7, July 1956.

Table of contents translated:

IApaskurt, V. V. - Speed up the processing of beets and increase the sugar production at sugar factories of the Ukraine. p. 1.
Kanibolotskii, N. K., Morelnis, IA. I. - For fulfillment of the sixth five-year plan for the development of enterprises of the Voronezh Sugar Beet Combine. p. 5.
Gal'perin, A. S. - Eliminate shortcomings in the field of invention and efficiency promotion. p. 9.
Morgunov, P. S. - Inadequacies of instructions for checking the quality of sugar factory overhaul. p. 12.
Samsonov, A. E. - Organization of sugar beet transportation. p. 12.
Matula, M. A. - The quality of sugar beets harvested by beet combines. p. 16.
V. N. Poletminskii's article on the use of antimony electrodes. p. 17.
Onufriev, A. M. - Duties of engineers in administrative divisions and trusts. p. 18.
Frepon, N. R. - Investigating the operation of electric drives for centrifugals. p. 19.
Kuznetsov, P. F. - Setting up and repairing of non-sifting chain grate furnaces. p. 23.
Porfil'ev, V. I. - Imported steam boilers. p. 26.
Eremenko, V. N. - Continuous drum-type stone catcher of the Bar Machine-Building Plant. p. 30.
IAnovitskii, K. F. - Blocking system of the diffusion drain cock and juice valve. p. 31.
Lobach, N. N. , Radetskii, L. M. - Machine packeging of granulated sugar. p. 33.
Romanenko, P. P. - Hydraulic unloading of beets from trucks. p. 35.
Fridman, S. E. - Create normal operating conditions for tractor-mounted shovels (concrete loading platforms). p. 36.
Maksimuk, P. S. - Operation of centrifugal pumps. p. 37.
Musienko, P. A. - Plant practices. p. 39.
Kaminskii, G. A. - Automatic regulation of voltage. p. 41.
Bozhko, P. L. - Automation of processes of basic defecation and first saturation. p. 42.
Makeev, A. S. - Mechanized moving of loads in sugar factories. p. 47.
Fridman, S. E. , Donchak, A. S. , Kliavir, I. IU. - Obryvko beet stacker-unloader and rake-type beet loader. p. 50.
Shevchenko, P. I. - Obryvko stacker-unloader. p. 54.
Gerashchenko, S. K. , Kuznetsov, T. A. - Loss of sugar-beet transplants resulting from diseases in roots for seeding. p. 55.
Kas'ianchuk, A. D. - Proper thinning of maternal beets. p. 56.
Present-day use of ionites in the sugar industry. p. 59.
Simple system of connecting steam lines to juice heaters. p. 61.
Smet continuous diffuser. p. 62.
Buffer properties of diffusion juice and preliming juice. p. 64.
Automatic control and regulation of massecuite cooking. p. 67.
Crystallizer with a disk-type rotating cooling surface. p. 68.
The anniversary of an engineer. Doctor A. Mirchev. p. 72.
Akindinov, I. N. - New technique for boiling down and crystallizing the final massecuite. p. 73.
Lepeshkin, I. P. - A useful start. p. 75.
Sotnichenko, L. P. - Work of the State Plan commission of experts on problems relative to the development of the sugar industry. p. 77.
Lobach, N. N. - Conference of innovators and efficiency promoters of the Lvov Sugar Beet Trust. p. 78.
Kuz'menko, K. N. - Some important problems. p. 79.

Vol. 30, no. 8, Aug. 1956.

Table of contents translated:

For speeding up the harvest, transportation and processing of sugar beets. p. 1.
Kasatkin, V. I. - For profitable work of sugar plants. p. 4.
Khelemskii, M. Z. , Shemiakin, P. N. , Krasnokutskii, B. I. - Storage of beets in high surface silos and beet processing. p. 5.
Zhenilenko, G. S. - Storage of sugar beets in the Kuban. p. 9.
Fleishman, L. E. - Increasing the productive capacity of sugar plants. p. 11.
Novikov, V. A. , Kichigin, P. M. - Cleaning of sugar beets harvested by sugar combines. p. 15.
Shchegolev, V. N. - Aspects of calculating foundations for rotary diffusion apparatus. p. 20.
Gorban', D. V. - Calculating the capacity of crystallizers and centrifugals for second massecuite. p. 24.
Borkovskii, M. A. - Selection of a standard massecuite mixer for the sugar industry. p. 27.
Voinarovskii, V. V. - Precise method for planning and evaluating mechanization. p. 32.
Anan'ev, V. V. - Improve planning. p. 34.
Maksev, A. S. , Bevzushenko, V. S. , Burenkov, N. A. - Vibration in the diffusion process. p. 36.
Zalarnyi, A. IA. - Brakes from "paranite" wastes. p. 38.
Braun, O. V. - Preparation of flux for silver solder in a plant laboratory. p. 39.
Maksimuk, P. S. - Belt conveyor for removing rocky material from underneath the apparatus. p. 40.
Silina, N. P. - Rapid chromatographic determination of raffinose in fodder molasses. p. 41.
Glushchenko, I. I. , Litovkin, P. I. , Sharun, F. K. - "New" method for harvesting sugar beet seeds. p. 46.
Review of letters and notes. p. 50.
Maksimenko, IA. I. - One hundred and thirtieth anniversary of the Borshad' Sugar Refinery. p. 51.
Sivolap, I. K. - Sugar industry of Italy. p. 53.
Epishin, A. S. - In sugar plants in Denmark and Holland. p. 61.
Vacuum apparatus with internal insertion pieces. p. 71.
Observations on the operation of Olier diffusion apparatus. p. 72.
Effect of scalding on sugar beets of various quality. p. 72.
Production of sugar from saccharliferous plants. p. 74.
Sugar campaign of 1955-56 in Czechoslovakia. p. 75.
Some production results in 1955. p. 76.
Comparison of sugar output of the campaigns of 1955-56, 1937-38 and 1950-51. p. 76.
Use of tractor shovel for harvesting beets. p. 77.
New technical and agricultural literature. p. 78.

SPIRTOVAIA PROMYSHLENNOST' [DISTILLING INDUSTRY]. Issued by Ministerstvo promyshlennosti prodovol'stvennykh tovarov SSSR [Ministry of the Food Products Industry of the U. S. S. R. ]. Moscow, vol. 22, no. 3, 1956.

Table of contents translated:

Economic use of raw materials and material resources. p. 1.
At the All-Union Industrial Exhibition. p. 3.
Kuznetsov, N. M. - Means for increasing the productivity of grain preparation sections in continuous heat processing of starchy raw materials. p. 5.
Barteney, S. I. , Pospelova, M. A. - AB-1 automatic defect inspection machine. p. 9.
Malchenko, A. L. - Alcohol and vodka industry in the Chinese People's Republic. p. 12.
Froishteter, G. B. , IAmpol'skii, N. G. - Mechanically fired furnace for small lignite lumps. p. 15.
Dukler, A. B. - Calculating planned profit in the production of alcohol. p. 20.
Rizberg, I.I. - Economic effectiveness of thorough processing of sugar beet molasses. p. 22.
Red'ko, D.I., Moldavskii, P.IU. - Work of operational and technical council. p. 24.
Krivoshei, P.P. - Work of the plant operational and technical council. p. 26.
Driz, I.A. - Using coagulants for water processing. p. 27.
Andreev, V.I. - Refrigeration in alcohol plants. p. 28.
Begma, I.P., IAnovskii, V.S., Dikii, N.F. - Continuous cooking of starchy raw materials in pulverized form. p. 30.
Work of the bottling crew of the Saratov Liqueur and Vodka Plant. p. 32.
Berdnikov, B.V. - Cleaning sealing wax from utensils. p. 32.
Borisenko, D.I. - Yeast Section of the Lokhvista Alcohol Combine. p. 34.
Khshanovskii, F.A. - Washing fusel oil p. 34.
Naletov, I.F., Khshanovskii, F.A. - Operation of cast-iron beer distillation apparatus. p. 36.
Kozorez, A.B. - Using carbonic acid for mixing beers. p. 38.
Discussion of problems relative to the quality of water for liqueur and vodka production. p. 38.
From the editor's files. p. 40.
Reviews and bibliography. p. 41.
Technical news from foreign countries. p. 44.
Information. p. 47.
For further improvement of the journal. p. 48.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT STEKLA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF GLASS. Transactions]. Moscow, no. 36, 1956.

Table of contents translated:

Okhotin, M.V., Levina, R.S. - Comparing data on the crystallization and viscosity of the most efficiently composed industrial glasses used in the vertical drawing of sheet glass. p.3.
Okhotin, M.V., Levina, R.S. - Investigating the linear velocity and temperature of the upper crystallization range in silica glasses containing $B_2O_3$. p. 20.
Marinina, V.T. - Wetting surfaces of solids with molten borate in various atmospheres. p. 27.
Rogozhin, IU.V. - Tagged atoms for investigating the chemical stability of glass in ferric chloride solutions. p. 39.
Solomin, N.V., Galdina, N.M. - Studying corrosion of refractory materials caused by glass masses. p. 43.
Stepanenko, M.G., Lur'e, V.M. - Designing electric glassmaking furnaces. p. 51.
Karlavin, S. A. - Using hot blast under the fire grates of gas generators in glass factories. p. 71.
Orlova, M.P., Sesorova, V.N., Tykachinskii, I.D. - Investigating the performance of the VVS machines at high speeds in the Bytoshevskiy and Chagodoshchenskiy glass works. p. 82.
Solomin, N.V., Barbarina, T.M., Riabov, V.A. - Increasing strength of glass fibers used in highly humid air. p. 95.
TSaritsyn, M.A., Bazhbeuk-Melikova, I.G. - Manufacturing ornamental glass tiles. p. 106.
Rogozhin, IU.V. - Aluminate glasses and their use as jewels in the watch industry. p. 112.
Gutop, V.G. - Controlling speeds and calculating the output of sheet glass manufactured by drawing and rolling methods. p. 115.
Zezin, M.A. - Automatic flame direction-changers used in glassmaking furnaces. p. 126.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R. ]. Moscow, vol. 1, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Kartuzhanskii, A.L. - Regression of the latent image formed by the action of ionizing particles. p. 321.
Biberman, L.M., Fomina, I.A. - Kinetics of the developments of photographic emulsions irradiated by medium-energy electrons. p. 331.
Zharkov, V.N., Dobroserdova, E.P. - Crystallization of silver halides in photographic emulsions. Part 3. Electron microscopic study of ammoniacal silver bromide emulsions. p. 337.
Mikhailova, A.A., Broun, Zh.L., Chibisov, K.V. - Functions of unstable sulfur in photographic emulsions. p. 342.
Dorlagin, B.V., Levi, S.M. - Kinetic wetting in coating and a method of measuring it. p. 354.
Kilinskii, I.M., Vilenskii, B., Grechko, M.K. - Relation between the total resolving power and the resolving power of the individual layers in multilayer color film. p. 359.
Marshak, N.S. - The modern impulse lamp is the most

perfected artificial light source for photography. p. 362.
Chernyi, L.A. - Determination and designation of the photographic properties of flash bulbs. p. 373.
Lapauri, A.A. - Anamorphote optics. p. 376.
Mikhailov, V.IA. - Practical variation in the color photographic process. p. 383.
Ipatov, P.F. - Electron-optical converters in the preparation and processing of photographic materials. p. 385.
Gorokhovskii, IU.N. - Conference on the chemistry of photographic emulsions. p. 387.
Moshkovskii, IU.Sh. - Organizational chart of the scientific research departments of the Kodak and Ilford companies. p. 391.
Kraush, L.IA. - "Biblioteka fotoliubitelia," [The amateur photographer's library] nos. 1,2, 4-7. p. 395.
Levi, S.M. - "Colloid science. Vol. 1. Irreversible systems" by G.R.Kruyt; translated from the English. p. 398.
Minenkov, I.B. - "Macrophotography" [in German] by Hans Henning Heunert. p. 398.
Levitin, I.B. - "Practical applications of infrared rays" [in French] by Maurice Déribéré. p. 399.
Mikhailov, V.IA. - Answers to readers' letters. p. 400.

ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 29, no. 4, Apr. 1956.

Table of contents translated:

Sominskii, V.S. - Tasks in the development of applied chemistry in view of the decisions of the 20th Congress of the Communist Party of the Soviet Union. p. 481.
Malinin, IU.S. - Effect of reducing substances in sulfite-spirit wastes on the properties of plasticized cement. p. 486.
Fedot'ev, N.P., Ostroumova, N.M., Viacheslavov, P.M. - Solid gold plating. p. 489.
Shargorodskii, S.D., Shor, O.I., Barabanova, A.S. - Use of alunite for the hydrothermal preparation of potassium sulfate. p. 492.
Averbukh, T.D., Serebrennikova, M.A., Maslova, N.D. - Effect of admixtures (waste rock)in chromite ore on the oxidation roasting of charges in the bichromate. p. 498.
Pozin, M.E., Bel'chenko, G.V. - Reduction of nitric acid consumption in the nitrose-sulfuric acid process. p. 506.
Bukhman, A.S., Malin, K.M. - Effect of temperature and of the linear velocity of gas on the rate of adsorption of nitrogen oxides by sulfuric acid. p. 512.
Varlamov, M.L., Krichevskaia, E.L. - Mass transfer and kinetics of acid formation in the liquid phase of nitrose-sulfuric acid systems. p. 520.
Alekseenko, L.A., Boldyrev, V.V. - Thermography of granulated ammonium saltpeter with inorganic impurities. p. 529.
Kafarov, V.V., Gordievskii, L.A. - Determination of liquid-vapor equilibrium in azeotropic systems with a solvent. p. 535.
Litvinenko, M.S., Lundin, S.P. - Classification of industrial absorbents for hydrogen sulfide by their thermodynamic characteristics. p. 543.
Romankov, P.G., Lepilin, V.N. - Certain problems in the adsorption dynamics in a suspended layer of the adsorbent. p. 548.
Golovastikov, I.N. - Stoichiometry and basicity formulas of trivalent chromium salts. p. 553.
Dubrovo, S.K., Shmidt, IU.A. - Effect of lithium oxide on physicochemical properties of alumino-silicate glass. p. 557.
Vil'nianskii, IA.E., Bakina, N.P. - Solubility of water and of magnesium oxide in fused carnallite. p. 561.
Kochergin, V.P., and others. - Diffusion of iron in alkali and alkaline earth metal chlorides. p. 566.
Akhumov, E.I. - Processing of sea water in cold climates. p. 569.
Antipin, L.N., Niderkorn, I. - Relation of current efficiency to current density during the electrolysis of cryolite-alumina melts. p. 577.
Zhurin, A.I., Shoikhet, M.G. - Buffer properties of nickel electrolytes and the formation of hydrates occurring in them. p. 583.
Drobantseva, N.T., Sysoev, A.N. - Study of chromizing baths of complex type. p. 589.
Kheifets, V.L., Antonovskaia, E.I. - Ferrocyanide electrolytes for gold plating. p. 595.
Tur'ian, IA.I., Gershkovich, I.A. - Oxygen overvoltage at a cobalt electrode with high current densities. p. 600.
Aarna, A.J. - Kinetics of the thermal decomposition of oil shale from the Baltic region. p. 606.
Dymarchuk, N.P., and others. - Troubles caused by resin in the manufacture of paper and methods for their control. p. 610.
Goloushin, N.S. - Determination of the composition and properties of organic substances in mineral fuels. p. 617.
Zil'berman, E.N., Suvorova, S.N., Smolian, Z.S. - Preparation of adipic acid by the oxidation of cyclohexanol with nitric acid. p. 621.
Kogan, A.I., Kitaigorodskii, M.M. - Terephthalic acid polyesters of glycols as elastomers. p. 628

Vol. 29, no. 9, Sep. 1956.

Table of contents translated:

Budnikov, P.P., Shteinberg, IU.G. - New glaze for porcelain. p. 1305.
Fastovskii, V.G., Rovinskii, A.E. - Preparation of ozone in a silents electric discharge. p. 1309.
Boldyrev, V.V., Alekseenko, L.A. - Heating curves for slightly deteriorated ammonium saltpeter containing inorganic additions. p. 1316.
Plit, I.G., Shishkin, K.N. - Absorption of carbon dioxide by potash solution in a foam bubble. p. 1323.
Kuz'minykh, I.N., Rodionov, A.I. - Mass transfer on sieve plates of varying inclination. p. 1330.
Pozin, M.E. - Efficiency coefficient of chemical apparatus as a function of the rate of flow of materials and of the coefficient of the rate of chemical, diffusive, and thermal processes. p. 1336.
Erkova, L.N., Smirnov, N.I. - Hight of a suspended layer of particles of various forms and its relation to conditions of the process. p. 1347.
Levina, S.D. - Effect of inhibitors on the solution of iron in alkaline solutions. p.1353.
Gurovich, E.I. - Effect of lithium, sodium, and potassium nitrates on nickel, copper, dural, and on certain steels. p. 1358.
Agladze, R.I., Ionatamishvili, T.V. - Anodic dissolution of ferrochrome in sodium carbonate and caustic soda. p. 1365.
Pomosov, A.V., Gurevich, L.I. - Effect of chlorions on the dissolution of a nickel anode. p. 1372.
Nechiporenko, N.N. - Electrochemical desulfurization of benzene. p. 1377.
Borodkin, V.F., Usacheva, K.V. - Chlorination of copper phthalocyanine. p. 1383.
Kogan, V.B., and others. - Solubility in systems containing methanol, water, and normal paraffins. p. 1387.
Borin, A.V., Agatitskaia, V.P. - Effect of gelatin on the optical sensitization of photographic emulsions. p. 1393.
Pliusnin, V.G., Babin, E.P. - Hydrogen fluoride as cracking catalyst. p. 1401.
Chertkov, IA.B. - Certain problems connected with the liquid phase oxidation of hydrocarbons. p. 1405.
Sharkov, V.I., Dobush, O.A. - Thermal conversion of cellulose into easily hydrolyzed form. p. 1411.
Chudakov, M.I. - Condensation of lignin with phenol. p. 1418.
Shkol'man, E.E., Voroshilova, N.M. - Alcoholysis of vegetable oils. p. 1425.
Morachevskii, IU.V., Shtrikhman, R.A. - Certain data on the chemistry of colored glass prepared by M.V. Lomonosov. p. 1432.
Pomosov, A.V., Krymakova, E.E. - Use of naphtha soap as anticorrosive for copper powder. p. 1435.
Beloborodov, V.V. - Diffusion coefficients for certain vegetable oils. p. 1437.
Lutkova, V.I., Shmagina, N.N. - Preparation of succinic acid and of its ester. p. 1438.
Korchemkin, F.I. - Effect of aqueous prehydrolysis of pine lignin on cellulose fibers obtained from it in the sulfate process. p. 1440.
Temkina, R.Z. - Preparation of adhesive phenol-formaldehyde resins which practically do not contain free phenol. p. 1442.
Gaponenkov, T.K., Protsenko, Z.I. - Pectins of sunflowers. p. 1444.
Tishchenko, D., Foliadov, V., Nosova, N. - Hydrolysis of methoxyphenols. p. 1447.
Kaverina, N.I. - Mechanical destruction of polyisobutylene in a mineral-oil solution. p. 1450.
Fal'kovskii, V.B., Petrova, L.I. - Dynamics of the neutralization of esters by aqueous soda solutions in trayless columns. p. 1453.
Mel'nikov, N.P., TSirlin, IU.A. - Liquid-vapor equilibrium at increased pressure for the system: furfurole - water. p. 1456.
Bibliography. p. 1460.

d) CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut vodnogo khoziaistva i energetiki. Trudy [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Institute of Water Resources and Electric Power, Transactions]. Frunze, no. 1(4), 1954.

Table of contents translated:

Vinogradov, G. N. - Sprinkler irrigation and its use in Kirghizistan. p. 3.
Kabakov, M. M. - New formulas for calculated water discharge in determining the actual losses of water in watercourses with open diversion ditches. p. 17.
Klueva, A.S. - Field determination of seepage losses in irrigation canals. p. 27.
Lugovoi, V.S., Bol'shakov, M.N., Sapozhnikov, A.B. - Characteristics of local power systems in piedmont districts of Kirghizistan. p. 41.
Levin, M.S., Lugovoi, V.S., Kriukov, A.A. - Static and dynamic stability of local power systems in piedmont districts of Kirghizistan. p. 81.
Ramazan, M.S. - Winter regime of small watercourses in Kirghizistan. p. 119.

No. 2(5), 1955.

Table of contents translated:

Bol'shakov, M.N. - Some aspects of long-period fluctuations of annual flow in rivers of Central Asia. p. 3.
Lugovoi, V.S. - Advantages of combining hydroelectric power stations in local power systems. p. 19.
Artamonov, K.F. - Problem of the efficient layout of water-diversion works. p. 37.
Ramazan, M.S. - Water-diversion works for small hydroelectric power stations located on small streams in Kirghizistan. p. 43.
Kadyrov, V., Durov, S.A. - Role of the loess cover in the mineralization of thermal waters at the Dzhalal-Abad health resort. p. 61.

No. 3(6), 1956.

Table of contents translated:

Bol'shakov, M.N., Grigorenko, P.G. - Prospects of using underground water of the Chu Valley. p. 3.
Kulikov, V.S. - Irrigation of cultivated grains and resources of water and land in the Suusamyr Valley. p. 33.
Bakalo, V.IA. - Irrigation of grasses on uplands of Issyk-Kul' Province in the Kirghiz S.S.R. p. 49.
Riazantsevi, Z.A. - Evaporation on uplands of Issyk-Kul' Province. p. 61.
Artamonov, K.F. - Improving the design of river defense structures in piedmont district. p. 69.
Nazarov, M.I. - Velocity profile and roughness factor in paved canals. p. 79.
Lugovoi, V.S., Postnikov, I.M. - Method for the electrical calculation of resonant circuits with compensation of losses. p. 97.
Kadyrov, V., Abdulkhadrov, R. - Data on the chemical composition of the water of high mountain streams in northern Kirghizistan. p. 113.
Kadyrov, V., Sagadiakova, V. - Hydrochemical regime of the water of the Great Chu Canal and its fertile content. p. 119.
Denisov, P.V., and others. - Hydrochemical characteristics of rivers in the Chu Basin. p. 123.
Denisov, P.V., and others. - Hydrochemical characteristics of rivers of the Issyk-Kul' Basin. p. 137.
Kaliuzhnyi, V.V., Naidich, I.M. - High-speed thermal beneficiation of coal dust from the Dzhergalan and Kok-Yangak deposits. p. 139.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Organ of Ministerstvo avtomobil'nogo transporta i shossednykh dorog SSSR [Ministry of Automotive Transport and Highways of the U.S.S.R.]. Moscow, vol. 19, no. 9(167), Sep. 1956.

Table of contents translated:

Sokhranskii, S.T. - Bring scientific research work closer to the needs of road construction. p. 2.
Kharkhuta, N.IA., Vasil'ev, IU.M. - Building embankments in winter. p. 4.
Khachaturiants, S.A. - Using water jet piles in bridge construction. p. 6.
Ratushnyi, S.A. - Eliminating cracks in prestressed bridge girders. p. 7.
Bronnikov, D.V. - Introduce efficient methods of constructing bridge support foundations. p. 8.
Vasheis, N.I. - Working road surface by mechanical means. p. 10.
Shestak, N.D. - Erecting the framework of concrete plants. p. 11.
Kozachuk, V.M., Levin, M.P. - Mechanizing loading operations in road machinery stations. p. 12.
Filin, V.I. - Building an automobile and tractor winter road across a "floating" bog. p. 13.
Khatsenko, A.IU. - Control of road heaving in Yakutia. p. 15.
Kopaleishvili, G.T., Bisnetishvili, M.I. - Wintertime road maintenance in high mountains. p. 16.
Karetnikov, A.P. - Wintertime maintenance of roads by the efforts of the DRP. p. 17.
Tomirdiaro, S.V. - Determining the depth of thaw in embankments under conditions prevailing in the Far North. p. 18.
Ivanov-Diatlov, A.I. - Standardizing culverts used under embankments. p. 22.
Rabukhin, L.G. - Calculating water accumulation prior to road building. p. 24.
Okunov, M.A. - Design for suspension and control unit of snowplow blades. p. 25.
Gil', A.I. - Dust removal device for the PDU-30. p. 26.
Agadzhanov, V.I., Denisov, E.M. - Device for cleaning excavator buckets. p. 27.
Readers' correspondence. p. 27.
Bulotin, A.P., Shapiro, G.L. - Designing roads with antiboaving features. p. 28.
Khazan, I., Ratmanskaia, L. - Arched bridges in foreign practice. p. 29.
Prusov, V. - A useful book on the organization and operation of concrete plants. p. 31.
Kozlovskii, B.K. - New engineering instructions for designing roads for industrial enterprises. p. 32.
Novskii, V. - New books. p. 33.

BABUSHKIN, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRANSPORTNOGO STROITEL'STVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF TRANSPORTATION CONSTRUCTION. Transactions]. No. 10, 1956. Issledovaniia zheleznobetonnykh mostovykh konstruktsii [Investigation of structural elements for railroad bridges].

Table of contents translated:

Berg, O.IA. - Investigation of the strength of reinforced concrete elements subjected to multiple reponted loads. p. 6.
Grigor'ev, D.A. - Investigation of strain in thin-walled

reinforced concrete girders having prestressed lateral reinforcements and clamps. p. 110.
Alekseichenko, A. V. - Investigation of the process of crack development in the stressed zone of reinforced concrete bridge girders subjected to bending from a lateral force. p. 177.
Lipatov, A. F. - Investigation of the strength of concrete pipe structural elements. p. 251.
Troitskii, E. A. - Experimental investigation of stress in an experimental bridge girder and bridge spans in use made of prestressed reinforced concrete with heavy reinforcement bundles. p. 299.

No. 20, 1956. Issledovaniia prochnosti i dolgovechnosti svarnykh mostovykh konstruktsii [Investigation of the strength and durability of welded structural elements for bridges].
Table of contents translated:
Foreword. p. 3.
Bol'shakov, K. P. - Decreasing the concentration of stresses in the joints of welded bridge spans. p. 6.
Duchinskii, B. N. - Strength of welded structural elements for bridges subjected to alternating and reversed stresses. p. 86.
Kedrov, A. I. - The effect of some technical defects in making welded joints on the irresistance to vibration. p. 163.
Moiseev, I. A. - On designing single-bolt joints for welded elements of bridge spans. p. 203.
Moiseev, I. A. - Resistance to vibration and the statics of welded joints made of Bessemer steel. p. 217.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no. 10, Oct. 1956.
Table of contents translated:
Plain and reinforced concrete construction under winter conditions. p. 345.
Molokanov, N. M. - Using "cold" concrete. p. 347.
Burenin, V. A. - Separate method for preparing concrete and mortar mixtures made with calcium chloride agents. p. 349.
Mints, Sh. I. - Prestressed reinforced concrete girders for use in roofs of industrial buildings. p. 351.
Slovinskii, V. A. - Stability and strength of elastic reinforced concrete elements in the prestressing process. p. 353.
Gitman, F. E. - Some problems in calculating rigidity and crack resistance in prestressed reinforced bend elements. p. 358.
Improving the production of large-sized concrete blocks. p. 363.
Investigating coarse porous concrete made with screened crushed brick. p. 366.
Calculating the heat of hardening during the heat and moisture treatment of concrete. p. 367.
Making reinforced concrete panels with oval-shaped vaulted cavities for ceilings. p. 368.
Blocks with chink shaped and large cavities for basement walls. p. 369.
Mixing fine sand and loeslike sandy loam with concrete. p. 370.
Low fences made of precast reinforced concrete. p. 372.
Using vibration pouring tubes in submarine concreting. p. 373.
Damage done to green concretes by freezing temperatures. p. 374.
Effect of drying process on the hardening of concrete. p. 375.
Calculating reinforced concrete elements with stretched central areas according to crack formations. p. 375.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 13, no. 9, Sep. 1956.
Table of contents translated:
Vainshtein, B.S., Kievskii, V.G. - New norms for overhead expenses and reduction of construction costs. p. 1.
Kudriashev, I.T. - Producing foamed and gas-entrained cellular concretes. p. 4.
Antonov, K.K. - Unification of not loads of standard multistoried industrial buildings. p. 7.
Tamarin, A.A. - Moulding hollow panels. p. 9.
Faitel'son, S.Kh. - Precast reinforced concrete frames for window openings. p. 10.
Dreiling, P.E. - Soap stock waste as a new plasticizer. p. 12.
New instruction on establishing plans for city planning and construction. p. 15.
"Norms and technical specifications for planning small-sized installations for biological purification of industrial-fecal sewage under artificial conditions and for purifying bath and laundry sewage." p. 19.
System for meeting expenses connected with piecerate payments of labor for construction workers. p. 20.
The All-Union State Standards for building tools; plaster ladle and bucket shovel. p. 21.
The All-Union State Standards for building tools; pick, scabbling pick, plumb bob, and claw hammer. p. 23.
The All-Union State Standards for building tools; trowels, planes, cutting trowels, and rabblers. p. 24.
Changes in the All-Union State Standards. p. 27.
Changes in 'River hydraulic installations," chapter II-D. 2 of "Construction norms and regulations." p. 28.
List of clauses on overhead expenses and temporary (unlisted) buildings and installations used in construction. p. 29.
List of current standards on construction planning to be used by all ministries and departments as of August, 1, 1956. p. 30.
Pavlova, D.A. - Building machinery abroad. p. 35.
Kovel'man, I.A. - Vermiculite and its use in the construction industry abroad. p. 45.
Bibliography. p. 3 of cover.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Published by Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 25, no. 9, Oct. 1956.
Table of contents translated:
Moiseev, S.N. - Damming the Angara at the site of the Irkutsk Hydroelectric Station. p. 1.
Besser, IA.R., Korotkii, M.F., Sats, M.N. - Concrete work in building the sluices at the Kuybyshev Hydroelectric Power Station. p. 8.
Zagriazhskii, A.A. - On engineering standards and usual excesses in building hydraulic structures. p. 15.
Nichiporovich, A.A. - Landslide in the downstream slope of the Nikopol' dam during its construction. p. 19.
Shirokov, N.E. - Using local materials for consolidating slopes. p. 25
Shepelev, M.K. - Consolidating the slopes of earth dams. p. 27.
Dzhigoev, L.N. - Experimental investigation of foundation anchors. p. 28.
Gershanovich, G.L. - Selecting concrete mixes according to a placeability index. p. 31.
Sadovenko, V.V. - Experience with operating butterfly sluice gates. p. 33.
Sarkisov, E.A., Cherepanov, I.M. - Heating the trash racks of hydroelectric power stations. p. 30.
Knoroz, V.S. - Selecting thickness of foundations for protecting channels from wash. p. 40.
Nel'son-Skornlakov, F.B. - Flow of ground water into a river drainage channel enclosed with water impermeable sheet pile walls. p. 44.
Antipov, A.I. - Effect of lightweight passages on resistance to seepage in foundation soils. p. 48.
Dul'nev, V.B. - Determining losses of pressure in trash racks. p. 51.
TSeitlin, A.S. - The equation of uniform flow of liquids in pipes and its application to pressure loss calculations. p. 54.
Laupman, P.P. - Letter to the editor. p. 56.
Avdulov, N.A. - Standardization of slabs and envelopes. p. 56.
Errors in directives. p. 57.
Volinov, A.G. - Pneumatic jet for cement work. p. 57.
Volinov, A.G. - Connecting shortened conveyor belt joints by means of vulcanization. p. 59.
Mostkov, V.M. - High-speed tunneling techniques. p. 60.
From the pages of foreign journals. p. 61.
Levit, G.O. - Conference on designing, building and operating large water reservoirs. p. 63.

LENINGRAD. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Sbornik [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Collected Papers]. Moscow, no. 150, 1956.
Table of contents translated:
Foreword. p. 3.
Keller, V.O. - Calculating basic resistances of freight locomotives. p. 5.
Prasov, L.Z. - Determining operating costs in comparing local route variations for railroad lines in field conditions. p. 10.
Berezantsev, V.G. - Method of solving axial symmetry problems in the theory of plasticity. p. 25.
Evreinov, V.N. - Criteria of systems of fluid flow. p. 39.
Pavlov, A.P. - Local compression of wood. p. 46.
Godytskii-TSvirko, A.M. - Rail vibration under the passage of a moving load. p. 60.
Zhinkin, G.N. - Some results of using electrochemical soil stabilization under operating conditions. p. 72.
Sidorov, N.N. - Effect of sand moisture on its critical porosity. p. 83.
Nikitin, M.K. - Strain in bridge supports on high pilework subjected to horizontal forces. p. 86.
Limanov, IU.A. - Shaft lift with tilting cages for tunnel work. p. 103.
Mukha, T.I. - Productivity and endurance threshold of the crushing slabs in jaw rock crushers. p. 108.
Komiagin, L.F., Drakhlin, E.E., Pavlov, M.S. - Investigation and improvement of existing water softeners used by the railroads. p. 120.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 13, no. 9, Sep. 1956.
Table of contents translated:
Shkundin, B.M. - Hydromechanical mining and enrichment of sand and gravel. p. 3.
Lukenberg, IU.S. - Experience with using concrete pumps in building the Gorkiy water power development. p. 9.
Chaachev, V.A. - Problems of mechanizing reinforcement production. p. 13.
Gritsevets, I.I. - Caterpillar crane with a load capacity of 20 tons. p. 15.
Polkovnikov, V.S. - On the stability of tower cranes. p. 16.
Bogoslovskii, P.A. - Construction-work guns. p. 17.
Artem'ev, K.A. - Lateral profile of a scraper bucket. p. 18.
Klement'ev, V.G. - Mechanizing the work of preparing and delivering hot asphalt-bitumen waterproofing. p. 22.
Chuvashev, A.M. - Producing large blocks made of sawed limestone-shell rock using calibrated machines. p. 24.
Cherkashin, V.A. - Experience with using over-all mechanization and conveyer systems in quarries. p. 26.
Experience in separate concreting of the facing of an underwater tunnel during construction of a Canadian water power station. p. 29.
Over-all mechanization of construction work and problems of its effectiveness. p. 31.

Vol. 13, no. 10, Oct. 1956.
Table of contents translated:
Gliavin, V.I., Lesnikov, V.Z. - Use of cranes at the site of the Gor'kiy Hydroelectric Power Station. p. 3.
Ivanov, F.M., Dorfugin, V.M. - Operation of cement-grinding vibration mills. p. 6.
Klushantsev, B.V. - Data on the investigation of jaw crushers designed on the basis of a new kinematic principle. p. 9.
Losysaev, A.I. - The S-285A mobile continuous mortar mixer. p. 11.
Davidenko, M.F., Folomeev, A.A. - Hydraulic percussion unit for granulating blast furnace slags. p. 15.
Levi, S.S., Novokreshchenov, M.M. - Spot welding of large-caliber reinforcement rod sections made of ST.5 steel. p. 16.
Deich, R.S., Livshits, M.L. - The VES-4 mobile electric power station. p. 20.
Testing mixers belonging to construction yards. p. 22.
Smal', S.I., Sholomov, B.E. - Using trolley wires as a power supply for gantry crane motors. p. 23.
Vasiukov, V.I., Levinzon, A.L. - Shortcomings in the construction of certain building machines. p. 24.
Diatchin, N.B. - Support for electric cables. p. 26.
Maltsev, F.I. - Holding device used in stacking bricks. p. 26.
Karpovich, E.V. - Driveless charging hopper for belt conveyers. p. 27.
Kas'ian, S.M. - Installing SM-61 screens. p. 28.
Sankin, P.M. - Mechanized loading, transportation, and unloading of cement abroad. p. 29.

MOSCOW. INZHENERNO-STROITEL'NYI INSTITUT. Sbornik trudov [CIVIL ENGINEERING INSTITUTE. Collected Papers]. No. 10, 1956. Stal'nye konstruktsii [Steel structures].
Table of contents translated:
Foreword. p. 3.
Streletskii, N.S. - Theory of destruction of statically indeterminate systems subjected to cyclic sign-changing or alternating loads. p. 5.
Kirsanov, N.M. - Design of single-span suspension bridges with due allowance for deflections. p. 48.
Koshin, I.I. - Experimental study of the effect of structural shape of steel construction elements on atmospheric corrosion resistance. p. 65.
Alekseev, V.M.-Optimum shapes and dimensions for constant-volume steel gas tanks. p. 84.
Drozdov, P.F. - Calculations of steel girders subjected to initial eccentric compression. p. 110.
Borodich, M.K. - Statistical method for determining temporary loads exerted on multitrack railroad bridges. p. 146.
Zakharov, V.V. - Graphoanalytical method for calculating the optimum height of varying cross-section steel girders used in bridge construction. p. 167.
Dubinskii, G.S. - Developing method for erecting steel span bridges in the U.S.S.R. p. 184.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PROMYSHLENNYKH SOORUZHENII. Nauchnoe soobshchenie [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF INDUSTRIAL CONSTRUCTION. Scientific Reports]. No. 20, 1956.
Title translated:
Korenev, B.G., Ruchimskii, M.N. - Some problems of dynamic stresses in girders with an elastic support. 42 p.
Title transliterated: Korenev, B.G., Ruchimskii, M.N. - Nekotorye zadachi dinamiki balok na uprugom osnovanii. 42 p.

B 161

No. 22, 1955.

Title translated:

Desov, A.E. - Rapid hardening concrete. 39 p.

Title transliterated: Desov, A.E. - Bystrotverdeiushchii beton. 39 p.

No. 23, 1956.

Title translated:

Korchinskii, I.L. - Calculating fatigue in building structures. 71 p.

Title transliterated: Korchinskii, I.L. - Uchet iavlenia ustalosti v stroitel'nykh konstruktsiiakh. 71 p.

NOVAIA TEKHNIKA I PEREDOVOI OPYT V STROITEL'STVE [NEW TECHNOLOGY AND EXPERIENCE IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva SSSR [Ministry of Construction of the U.S.S.R.]. Moscow, vol. 16, no. 10, Oct. 1956.

Table of contents translated:

Grabinskii, E.K. - Concretes with chloride salt additives. p.3.

Ilrainina, E.IU., Zhukov, D.V. - Heating concrete aggregates under cold weather conditions. p.5.

Gal'perin, M.I. - Earthwork under cold weather conditions. p.8.

Patskel, L.N. - Errecting walls made of large brick blocks under cold weather conditions. p.10.

Kurinnyi, T.G. - Using cold mortars in plastering. p.13.

Noskov, S.K. - Roofwork under cold weather conditions. p.15.

Cherevatskii, L.M. - Drilling holes in frozen ground by means of hot compressed air. p.18.

Askalonov, V.V. - The NS-1 pump unit for chemical hardening of ground. p.19.

Afanas'ev, S.M. - The SA-2 universal vibrating unit. p.21.

Veksman, A.M., Pakhomov, F.G. - Construction practice in Denmark. p.25.

Recommended inventions and technical improvements. p.29.

In the Technical Council of the Ministry of the Construction Industry of the U.S.S.R. p.30.

Idashkin, V.I. - Conference on exchange of experience gained in using prestressed reinforced concrete elements. p.31.

NOVOE V STROITEL'NOI TEKHNIKE [INNOVATIONS IN CONSTRUCTION METHODS]. Issued by Institut stroitel'nykh materialov Akademii arkhitektury Ukrainskoi SSR [Institute of Building Materials of the Academy of Architecture of the Ukrainian S.S.R.]. Kiev, no. 6, 1955. Stroitel'nye materialy [Building materials].

Table of contents translated:

Preface. p.3.

Dazhuk, K.V., Cherepova, O.V. - Efficient structural ceramics made of tripoli earth. p.4.

Dazhuk, K.V. - Firing fine ornamental ceramics at low temperatures. p.45.

Draban, A.Z., Rudenko, P.M., IAkovenko, O.I. - "Keramzit" (porous clay filler) made of local raw materials of the Ukrainian S.S.R. p.89.

No. 7, 1955. Stroitel'nye konstruktsii [Building elements].

Table of contents translated:

Preface. p.3.

IArin, V.N., Rivkin, S.A. - Design of precast reinforced concrete frame elements for apartment houses. p.5.

Rokhlin, I.A., Tatrov, V.D. - Precast reinforced concrete elements for buildings in machine-tractor stations. p.14.

IArin, V.N., and others. - Experimental investigation of reinforced-concrete sloped double-camber panels. p.27

...g arches from three-...formwork; experimental ...

...

...

...erties of plastic ceramics. p.60.

Nichiporenko, S.P., Dikova, S.A. - Reasons for the formation of weaviness in the process of molding structural ceramics. p.73.

Sakharova, N.A. - Ceramic MK tiles used for facing buildings in Kiev. p.80.

Cherepova, O.V., Sakharova, N.A., Golik, E.M. - Weatherproofness of ceramic facings. p.91.

Bibliography. p.124.

SEL'SKII STROITEL' [RURAL BUILDER]. Organ of Glavnoe upravlenie po stroitel'stvu v kolkhozakh Ministerstva gorodskogo i sel'skogo stroitel'stva RSFSR [Main Administration of Construction on Collective Farms of the Ministry of Municipal and Rural Construction of the R.S.F.S.R.]. Moscow, vol. II, no. 9(83), Sep. 1956.

Table of contents translated:

In the Ministry of Municipal and Rural Construction of the R.S.F.S.R. p.2 of cover.

Prepare in good time for building under winter conditions. p.1.

Birkengof, A. - Winter construction work on collective farms. p.2.

Nikiforov, V. - Preparing collective farm buidling materials enterprises for winter. p.4.

Rakhmanin, A. - Prepare for winter lumbering in good time. p.7.

Mashin, A. - Construction yard for producing reinforced concrete products on collective farms. p.9.

Kapustian, V. - Our practice in building. p.13.

Lipkin, P. - Strictly control the quality of construction work. p.14.

Manevich, A. - Progressive district section. p.15.

Kabachek, I. - We observed "Builder's Day" in the proper manner. p.16.

Kliuev, N. - Factory aid for the collective farm. p.16.

Prikladov, N. - New type of storage for seed grain. p.17.

Filippovich, A. - Facing pit and trench silos with paper materials. p.18.

Shepelev, A. - High-grade painting of transoms, doors, and floors. p.19.

Anufriev, A., Rudanov, M. - Construction of ponds. p.21.

Flegontov, N. - Controlling steam condensation in flue systems and furnace pipes. p.24.

Solov'ev, E. - Erecting farm buildings using monolithic slag concrete. p.25.

Katel'va, G. - Agricultural construction in England. p.28.

Letters from readers. p.30.

Information. p.31.

New books. p.32.

STROITEL'NYE MATERIALY, IZDELIIA I KONSTRUKTSII [BUILDING MATERIALS, PRODUCTS, AND DESIGNS]. Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Industry of the U.S.S.R.]. Moscow, vol. 2, no. 9, Sep. 1956.

Table of contents translated:

Kuznetsov, G. - Heat insulating materials industry in the sixth five-year plan. p.1.

Sherbaum, L. - Standard planning and introduction of new technology. p.4.

Bernei, I., Zaretskii, B. - Additional press rollers for sheet-rolling machines. p.7.

Hint, I. - Technology of manufacturing lime-sand products. p.10.

Tarasov, D. - Errors in the design of a factory. p.16.

For high quality and size precision of reinforced concrete products. p.18.

Improving the quality of brick made of low-plasticity clays. p.24.

Chubarov, G. - Reducing the number of auxiliary workers is a source for increasing labor productivity. p.26.

From foreign technology. p.29.

TASHKENT. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Sbornik nauchnykh trudov [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Collection of Scientific Works]. Moscow, no. 6, 1956.

Table of contents translated:

Nevzorov, A.V. - Method of calculating plans for making up trains from empty cars. p.3.

Nurmukhamedov, R.Z. - Effectiveness of increasing traffic capacity by means of using inter-block station-type graphic train sheets and stopless junctions on various identical runs. p.13.

Kulmanov, K.A. - Selecting passing points for trains. p.41.

Aksenov, V.I. - Unused resources in the utilization of station tracks. p.50.

Tullaganov, U. - Designing hump yards allowing for later mechanization. p.70.

Ibragimov, I. - Effect of running track arrangement on the length of locomotive stand time in hump yards having parallel placement of yards. p.75.

Dzhumabaev, S.M. - Coordinating the work of railroad and truck transport and mechanical handling in transporting crated freight. p.82.

Korobko, P.IA. - Selecting optimum capacity ice storage facilities for railroad ice plants. p.95.

Ishimbaev, V.I. - Classification of railroad switches according to their geometrical form on the plan. p.103.

Gordon, M.D., Gashnikova, E.I. - Methods for ... efficient freight transport on the Tashkent railroad. p.109.

TIFLIS. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Transactions]. Moscow, no. 22, 1956.

Table of contents translated:

Zavriev, K.S. - Formulas for calculating prestressed reinforced concrete. p.3.

Gnedovskii, V.I. - Prestressed reinforced concrete cantilever trusses for bridges. p.15.

Shtaerman, IU.IA. - Separately stressed elements used in transport construction. p.43.

Melik-Bakhtamian, I.IA. - Designing bridges with the aid of a current flow plan. p.88.

Tovinskii, V.A. - Using through pile spur dikes and dike dams. p.118.

Agamirzian, L.S. - Determining the frequencies of free vibrations in elastic systems having many degrees of freedom. p.133.

TSiskreli, G.D. - Investigation of compression strain properties of ordinary and lightweight concretes. p.157.

Mostkov, M.A. - Applying the principles of hydraulics to the theory of traction. p.211.

Levinbuk, I.Kh. - Investigation of hydraulic ram and using them in railroad water supply. p.269.

Rotinian, L.A. - Double cam mechanisms. p.309.

Abelishvili, L.G. - Calculating the elements of internal power supply for electric railroads by means of average load curves. p.337.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva [Ministry of Construction for the Transportation Industry]. Moscow, vol. 6, no. 9, Sep. 1956.

Table of contents translated:

Chasovitin, P.A. - For further progress in the techniques of building subways. p.1.

Fedorov, N.I. - Open-line mechanized shield tunneling. p.6.

Karasev, N.F. - Experience with building open-line tunnels having an opening along the entire route. p.9.

Astvatsaturov, R.D. - Precast large block lining made of lightweight concrete for railroad tunnels. p.11.

Abramson, Kh.I. - Delivery of materials in containers in constructing tunnel linings. p.13.

Sytyi, N.M. - Using explosives to construct mine shafts and wells. p.15.

Morinov, I.I. - Experience in mechanizing tunnel repair work. p.17.

Smorodinov, M.I. - Trenchless laying of pipelines. p.18.

Savchenko, I.E. - Using steeper than rolling grades on separate parts of the railroad route. p.20.

Razmerov, V.I. - New tunnelling machinery. p.23.

Chirkin, V.V. - Limiting the dimensions of underground railroads. p.25.

Bogdanov, G.G. - Determining the interrelationship of length of drop and input depth on pressureless pipes. p.26.

Vasil'ev, N.A., Roshchupkin, D.V. - Tubular electrodes. p.27.

Gorbunov, V.P. - Gluing parts in repairing building machinery. p.28.

Rabkova, E.K. - Put measures for controlling torrential streams on a scientific basis. p.30.

Engineering instructions and directives on tunnel work. p.32.

New books. p.3 of cover.

ZHILIZHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES]. Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR [Ministry of Communal Economy of the R.S.F.S.R.]. Moscow, vol. 6, no. 5, 1956.

Table of contents translated:

Daily concern for the development of communal housing and organization of public services. p.1.

Pekker, A. - Improving the operational qualities of new apartment houses. p.6.

Vishnevetskii, I. - Install efficient elevator systems in apartment houses. p.8.

Balanovich, A. - Complaints against designers and builders. p.10.

Babanov, A. - Prolonging the life of steel roofs. p.11.

Leshchinskii, IU. - Ways of eliminating excesses in designing. p.13.

Vlazkov, N. - Effect of building construction on heating expenditures. p.15.

Ovechnikov, E., Kulikov, A. - Increasing transient resistance in trolley tracks as a means for controlling current leakage. p.17.

Method of determining the cost of streetcar passenger transport. p.20.

Bardin, IU., Nikoladze, G. - Experience in utilizing slit drains in AKKh filter systems. p.22.

Kuropii, G. - Economy in landscape gardening. p.24.

Rozantsev, S. - Crane installed in windows. p.26.

Sholud'ko, I., Lushchevskii, B. - Gas-fired water heater. p.26.

Litvinov, N. - Using sodium silicate for speeding up the process of coagulation. p.26.

Technical novelties. p.29.

Rubinskii, N. - Notes on the city transport in London. p.30.

Poltev, K., Denisov, V. - Automatic sweeper. p.30.

Brief news. p.31.

New books. p.32.

## e) ELECTRICAL ENGINEERING

AKADEMIIA NAUK URSR, Kiev. Institut elektrotekhniky. Sbornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electrical Engineering, Collected Works]. Kiev, no. 12, 1955. Voprosy elektricheskikh i magnitnykh izmerenii i kontrolia [Electric and magnetic measurements and control].

Table of contents translated:

Nesterenko, A. D. - Errors of single-phase phase meters. p. 3.
Nesterenko, A. D. - Differential arrangements for comparing mutual inductances. p. 32.
Fevraleva, N. E. - Arrangements and apparatus for determining the characteristics of hard magnetic materials. p. 35.
Kubyshin, B. E. - Measurement of the dynamic magnetic characteristics of ferromagnetic materials and the separation of losses in them. p. 43.
Kubyshin, B. E. - Investigation of magnetic apparatus magnetized by alternating current. p. 70.
Nechaev, G. K. - Analysis and calculation of a bridge circuit including a thermistor for temperature measurement. p. 87.
Katkov, F. A. - Electromagnetic frequency multipliers as voltage stabilizers. p. 99.
Tetel'baum, S. I., Gladyshev, G. I., Rapoport, G. N. - Methods of measuring the intensity of electric fields in resonators and wave guides at superhigh frequencies. p. 108.
Gladyshev, G. I. - Investigation of the operation of phase testers. p. 115.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut energetiki. Trudy [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Institute of Electric Power, Transactions]. Tashkent, no. 4, 1950.

Table of contents translated:

Ismailov, M.I. - Investigation of layer drying of raw cotton. p. 3.
Korolev, V.K. - Pneumatic cotton dryer and its modification. p. 22.
Korolev, V.K. - Physical nature of the moisture of raw cotton. p. 56.
Strusevich, M.A., Beskrovnyi, I.G. - Protective refractory coatings from Aktash aluminous rocks. p. 83.
Korolev, V.K. - Nomogram for calculating the moisture content of cotton and cotton products. p. 100.

AVTOMATIKA [AUTOMATIC CONTROL], Issued by Viddil tekhnichnykh nauk Akademii nauk URSR [Department of Technological Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 3, 1950. [In Ukrainian with summaries in Russian.]

Table of contents translated:

Ishlins'kyi, O. IU. - Relay-type correction for determining gyro-horizon errors on rolling ships. p. 1.
Ivakhnenko, O. H. - Tasks of optimalizing control systems. p. 14.
Sholkhot, L. A. - Automatic slope control for mining sinking combines. p. 28.
Krynets'kyi, I. I. - Investigation of indirect tractor engine regulators. p. 47.
TSukernyk, L. V., Rybins'kyi, V. IE. - Automatic excitation controller for generators in low- and medium-duty electric power plants. p. 56.
Shapovalenko, O. H. - Controlling the speed of asynchronous motors by magnetic flux shunting. p. 64.
Mel'nyk, P. M. - Investigating the action of relay contacts while deshunting the disconnecting coil of switch controllers. p. 78.
Kornilov, IU. G., Tolstov, V. M. - Automatic control for deaerators. p. 85.
Bars'kyi, S. Z. - On V. I. Ivanenok's article "Comparing three control methods used in automatic control systems." p. 91.
Review and bibliography. p. 96.
Brief news. p. 100.

AVTOMATIKA I TELEMEKHANIKA [AUTOMATICS AND TELEMECHANICS]. Published by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatics and Telemechanics of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 17, no. 9, Sep. 1956. [With English summaries in insert.]

Table of contents translated:

Dmitriev, V. N. - Calculating the static characteristics of pneumatic relays. p. 761.
Ostrovskii, IU. I., Eskin, M. G. - Extremum-controller for oil well turbodrilling equipment. p. 775.
Gopp, IU. A. - Application of the D-decomposition for plotting root loci and for quality analysis of automatic control systems. p. 789.
Ginzburg, S. A. - General theory of circuits with nonlinear magnetic members. p. 799.
Kasprzhak, G. M., Slepushkin, E. I. - Calculating the operating characteristics of two-phase servomotors and of tachogenerators. p. 811.
Svenson, A. N., Sigorskii, V. P. - Directional-relay radioactive tracer. p. 828.
Zakharia, I. A., Mikhailovskii, V. N. - Method for time-pulse transformation. p. 836.
Fedorov, S. M. - Using the method of logarithmic frequency characteristics for the synthesis of parallel corrective circuits of servosystems. p. 847.
Levitan, S. A. - Determining optimum parameters for time-delayed system controllers. p. 853.
Svoboda, A. - Polarized relay mechanism with spherical armature. p. 857.
List of books and articles on magnetic amplifiers for 1955. p. 858.

Vol. 17, no. 10, Oct. 1956.

Table of contents translated:

Meerov, M. V. - Evaluating the performance of automatic control systems by safety factor, modulus, phase and M value. p. 865.
Khokhlov, V. A. - Calculation and analysis of the dynamics of hydraulic choke amplifiers. p. 871.
Mar'ianovskii, D. I. - Drilling-bit feed control in drilling by motors located near the well-bottom. p. 880.
Kozlov, E. S., Nikolaev, N. S. - Approximate solutions of partial differential equations by means of electric models. p. 890.
Makarov, M. I. - Selection of geometric dimensions for magnetic conductors and for electrodynamic coupling diagrams. p. 897.
Shnaidman, M. A. - Using a pulse-width modulation element for investigating pulse control systems on electronic models. p. 910.
Gukailo, IA. E., Fedorov, S. M. - Using vibration amplifiers in servomechanisms. p. 921.
Vasil'eva, N. P., Bolarchenkov, M. A. - Effect of regenerative feedback on multistage magnetic amplifiers. p. 929.
Inosov, V. L., Luchuk, A. M. - Synchronous filter generator for frequency devices used in telemechanics. p. 936.
Gorskii, V. V. - Simple circuit for obtaining voltage proportional to the square of the velocity of rotation. p. 941.
Kondratskii, A. A., Chicherin, N. I., Vasil'eva, N. P. - Interdepartmental conference on the construction technology for magnetic amplifiers. p. 943.
Pavlov, V. V. - List of articles on semiconductor triodes (from 1948 to 1950). p. 946.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U. S. S. R.]. Moscow, vol. 27, no. 9, Sep. 1956.

Table of contents translated:

Editorial: Planning and building power plants with unit-plan arrangements. p. 1.
Kosharskii, B. D. - "Teplokontrol'" hydraulic boiler feed regulators. p. 4.
Vital'ev, V. P. - Moisture characteristics of insulating material used in heating systems. p. 7.
Karmazin, I. A. - New design of the RK complete speed governor for Kaplan turbines. p. 11.
Akol'zin, P. A., Zaitseva, Z. I. - Ammonia treatment of feed water in high-pressure generating plants. p. 14.
Popov, V. A. - Rating the operational activity of electric power plants. p. 18.
Proshin, A. S., Shmulovich, M. L. - Installation of TP-230-B shop-assembled boilers. p. 21.
Pliugachev, V. K. - Distribution substations with bus bars at the bottom. p. 26.
Dubinskii, N. D., Shargorodskii, V. L. - Preventive tests and the repairing of rotor insulation of hydrogenerators. p. 28.
Kuznetsov, P. V. - Increasing the interrupting capacity of VM-25D and VM-35 circuit breakers. p. 31.
Mikutskii, G. V. - Measurement of high-frequency parameters of 110 and 220 kv. lines. p. 35.
Sklarevskii, B. I. - Channels for remote signaling by wire communication lines. p. 39.
Grokhol'skii, A. M., Orolovich, L. S. - Systems for relaying remote signals. p. 42.
Komularin, I. M., Chirakadze, G. I. - Ice formation on high-tension power lines. p. 44.
Berkovich, M. A., Vinogradov, N. V., Semenov, V. A. - Relay protection of generators and synchronous compensators. p. 46.
Zolov, A. I. - Universal railroad crane motorcar. p. 49.
Sviatnenko, A. T. - New pipe-bending machine. p. 50.
Dragunov, E. D., Shvartsman, E. I. - Assembly installation of the cascade filling of a hyperbolic water-cooling tower. p. 50.
Kornienko, A. M., Kholodnyi, S. I. - Replacement of worn packing rings in the blading assembly of radial stages in Ljungstrom turbines. p. 52.
Vargina, O. S., Foshko, L. S. - Volumetric determination of sulfates. p. 54.
Nastaskina, E. I., Shapiro, S. S. - Determining sulfates by the drop method. p. 55.
Borodianskii, I. A., Gugol', IU. S. - Adjusting electromagnetic voltage stabilizers on 100-Mw turbogenerators. p. 56.
Slodarzh, M. I. - Improving systems of connecting voltage stabilizers. p. 58.
Mogil'nitskii, V. M. - Aspects of the operation and adjustment of high-frequency differential-phase protection on long lines. p. 59.
Mokhova, N. N., Shteinman, D. V. - Possibility of maintenance tests on vilite arresters at below-freezing temperatures. p. 60.
Conference of readers of "Elektricheskie stantsii" in Baku. p. 61.
Polushkin, N. P. - Review of the book "Governing hydraulic turbines" by IU. E. Garkavi, M. I. Smirnov p. 62.

ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR, Ministerstvo elektrostantsii SSSR, and Ministerstvo elektrotekhnicheskoi promyshlennosti SSSR [Academy of Sciences of the U. S. S. R., Ministry of Electric Power Stations of the U. S. S. R., and Ministry of Electric Equipment of the U. S. S. R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Derman, B. A., Traubenberg, S. L., Uspenskii, IU. M. - Narva Hydroelectric Power Station. p. 1.
IAvinskii, N. A. - High-speed calculating machines and the automation of industrial processes. p. 7.
Bruk, I. S. - M-2 high-speed electronic calculating machine. p. 14.
Evseev, V. I. - Ferrites. p. 23.
Ettinger, E. L., Gurkin, B. M., Borodavchenko, P. M. - Present-day systems of rectifier drives. p. 32.
Chuich, V. G. - Adjustment of static automatic control systems. p. 39.
Chilikin, M. G., Korytin, A. M. - Equivalent circuits of electrohydraulic drives. p. 43.
Ermolenko, V. M., Petrov, S. IA. - Effect of capacitive compensation on the operation of relay protection. p. 48.
Veksel'man, O. G. - Calculation of supports and conductors of transmission lines according to maximum conditions. p. 53.
Novitskii, P. V., Fetisov, M. M. - Calculating the reluctance of circuits of varying sectional area. p. 60.
Bal'ian, R. Kh. - Calculation of magnetic amplifiers with feedback. p. 63.
Razumov, L. D. - Calculating the danger of electrolytic corrosion of underground metallic structures. p. 67.
Skobelev, V. E. - Final phase of rheostatic braking. p. 73.
Bairam-Zade, A. B. - Automatic reclosing without a synchronism check. p. 79.
Electric traction in other countries. p. 81.
Pulse stabilization. p. 86.
Drying electric machines. p. 95.
A. A. Klimov's book "Electricity in animal husbandry." p. 97.
Underestimation of the electrification of agriculture. p. 98.
Remarks on N. F. Rakushev's article. p. 98.
Chopped wave tests. p. 99.
M. G. Bashkova; obituary. p. 99.
Dissertations. p. 91.
Ivakhnenko, A. G. - Review of the book "Principles of automatic control" by K. V. Egorov. p. 95.
New books on electricity, electrical engineering and electric power. p. 96.

No. 10, Oct. 1956.

Table of contents translated:

Trofimenko, D. E. - Transient stability of long transmission lines with proportional regulation of voltage. p. 1.
Krachkovskii, N. N. - Rated voltages for long transmission lines. p. 6.
Gornshtein, V. M. - Conditions for restoring synchronism following disturbance of stability. p. 12.
Rosman, L. V. - Excitation of hydrogenerators in an arrangement without a subexciter. p. 19.
Colombo, Z. B., Gorushkin, V. I. - Method for approximate calculation of voltage and current unbalance in substations supplying an out-of-balance load. p. 22.
Kaliaev, A. V. - Constant potential instrument transformer. p. 24.
Bulgakov, A. A. - Law of economical control of electric machines. p. 29.
Beliaev, L. N. - Universal internal load characteristics of direct-current machines. p. 33.
Baiko, V. F., Vavilov, A. A. - Transient processes in self-excited two-stage amplidynes. p. 35.
Shiniberov, L. P. - Transfer function of an amplidyne. p. 40.
Zdrok, A. G., Smirnov, G. P. - Operation of saturable reactors with a semiconductor rectifier and a resistive-inductive load. p. 44.
Gudkov, V. S. - Transient processes in drives with mechanical differentials. p. 48.
Gubanov, M. I. - Method of calculating nonlinear polyphase alternating-current circuits. p. 53.
Taev, I. S. - Calculating alternating-current arcs. p. 57.
Skital'tsev, V. S., El'kind, IU. M. - Recording instrument for transient processes. p. 61.
Timofeev, B. B. - Skin effect in solid ferromagnetic conductors. p. 66.
Lapchenko, IU. E. - Use of mercury-arc rectifiers with greater grid control. p. 70.
Bykhovskii, D. G., Kaplan, M. I. - Saturable reactors in welding transformers with semiconductor rectifiers. p. 74.
Bol'kind, L. D. - Thomas Alva Edison; on the twenty-fifth anniversary of his death. p. 77.
Calculation of lighting networks according to voltage loss. p. 81.
Regulations for electric installations should be unified. p. 82.
Is it necessary to ground the body of electric machines in school laboratories. p. 82.
Chuprakov, N. M. - Power engineering in India. p. 83.
Use of ceramic insulators for suspending the trolley contact network. p. 87.
Wind power engineering in other countries. p. 87.

Using a semiconducting coating on porcelaine insulators. p.90.
Aluminum sheathed cables in Dutch vessels. p.92.
Conference on magnetic amplifiers. p.93.
In the Leningrad branch of the Popov Scientific and Technical Society. p.93.
IUrasov, V.V., and others. - "Outrages and protection against them in agricultural power networks" by V.IU.Gessen. p.93.
Atabekov, G.I. - "Methods for solving problems concerning transient processes in electric circuits" by S.G.Ginzburg. p.95.
New books on electricity, electric engineering and electric power. p.96.

ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R.]. Moscow, vo.10, n0.9, Sep. 1956.

Table of contents translated:

Pestriakov, V.B. - General use of semiconductors in radio apparatus. p.3.
Kobzev, V.V., Smetanina, D.I. - Designing low-frequency amplifiers based on transistors. p.13.
'Sykin, G.S. - Cascade design for power amplifiers based on transistors. p.26.
Migulin, I.N. - Equivalent circuits and parameters for junction transistors. p.46.
Lindenbraten, IU.D. - Multicascade resonance amplifier using germanium transistor triodes. p.54.
Gerasimov, S.M. - Power indices of transistor oscillators having separate excitation in the supercritical frequency band. p.68.
Garialnov, S.A. - Video amplifier using transistor triodes. p.83.
Arkhangel'skii, G.A. - Analysis of some resistor-capacitor oscillator circuits having transistor triodes. p.95.
From foreign journals; brief notices. p.100.
New certificates of inventions. p.102.

Vol. 10, no. 10, Oct. 1956.

Table of contents translated:

Shtein, B.B. - Single-phase modulation with division of the low-frequency spectra. p.3.
Simontov, I.M. - Calculation and comparative evaluation of basic noise suppression circuits from stations operating on intermediate receiver frequency. p.12.
Cherenkova, E.L. - Present-day presentations of meter-length wave propagation by means of dispersion in the ionosphere. p.22.
Iodko, E.K. - Theory of constructing distribution systems for radio broadcasting. p.29.
Farber, IU.D. - Interference protection for long-distance communication channels. p.35.
Roginskii, V.N. - System of transmitting numbers in automatic long-distance telephone communication. p.45.
Pramnek, G.F. -Automatic transmission-reception of telegrams using code commutation. p.65.
Govorkov, V.A. - Calculating linear and nonlinear electric networks by the tabular method. p.63.
Information. p.74.
From foreign periodicals; brief reports. p.77.
New certificates of inventions. p.80.

ENERGETICHESKII BIULLETEN' [POWER BULLETIN]. Organ of Ministerstvo neftianoi promyshlennosti SSSR [Ministry for the Petroleum Industry of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Kalalov, G.M. - Economic assessment of methods of power-factor improvement for industrial plants. p.1.
Sulkhanishvili, I.N. - DEB-2 diesel-electric a.c. drive for turbodrilling rigs. p.5.
Bazylev, V.Z., Kazak, N.A., Nezhivoi, V.M. - Lead-in arrangement for lines running to explosion-hazardous premises; discussion. p.8.
Dzhafarov, R.A., Kogan, G.B. - Electrical parameters of built-in RTM overcurrent relays. p.10.
Mikhailov, O.A., Kazak, N.A., Serzant, G.A. - Use of automatic reclosing on transformers and automatic actuation of a 6-10 kv sectionalizing switch in substations with two transformers and a 6-10 kv sectionalized bus-bar system. p.12.
Kane, A.B. - Fine filtration of lubricating oil with ASFO package elements in internal combustion engines. p.14.
Saprykin, A.A. - Automatic control of piston compressors; discussion. p.19.
Alekseenko, S.A. - Repair of connecting rods by electric welding; exchange of experience. p.28.
Gershengorn, A.I. - Lighting a modern oil refinery. p.29.
Gorshengorn, A.I. - A new insulating material for electric motors. p.31.

No. 10, Oct. 1956.

Table of contents translated:

Esibian, M.A., Pliushch, B.M. - Synchronous electric drive for mud pumps. p.1.
Ioannisian, S.A. - Use of 2 - 6 kv cable networks in fields of the Ministry of the Petroleum Industry of the Azerbaijan S.S.R. p.10.
TSelun, N.A. - Distribution of potentials along pipelines with cathodic protection. p.13.
Tarasenkov, P.M. - Determining the explosion-hazard category of industrial premises; a discussion. p.17.
Fradkin, A.B., Ulashuk, B.M. - Repairing submersible electric motors in oil-field shops. p.20.
Mikhailis, G.I. - Defects of the 825-230R engine and their elimination. p.23.
Shapkin, I.F. - Calculating the amount of reagents needed by soda-regenerative water softeners. p.30.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 4, no.10, Oct. 1956.

Table of contents translated:

Kostrikin, IU.M. - Purification of water for units operating at high steam pressures and temperatures. p.1.
Komissarov, V.A. - Operation of a low-pressure economizer. p.3.
Konovalov, L.P. - Operation of automatic controllers of combustion in boilers. p.6.
Serbinovskii, G.V. - Electric networks in the German Federal Republic. p.7.
Sekulovich, IU.S. - Reducing personnel in electric power plants. p.13.
Nepomniashchii, V.P. - Repairing fire-tube boilers. p.13.
Shcherov, V.P. - Adjusting the firing process in the boiler. p.14.
Gal'tsev, V.I. - Operation of balanced dampers in pulverized coal systems. p.15.
IAnutsevich, F.P. - Use of steam piston pumps for automatic feed regulation and continuous blowdown of small boilers. p.16.
Nezlobin, S.N. - Washing turbine condensers with a solution of sodium triphosphate. p.18.
Donskoi, B.V., Kovtaniuk, E.F. - Controlling corrosion of brass tubes. p.19.
Popov, M.V. - Evaporative cooling system for diesel and compressor installations. p.20.
Fainshtein, A.S. - Removal of carbide slurry from settling basins at acetylene plants. p.22.
Ladikov, A.V. - Starting arrangement for direct-current motors. p.23.
Korobeinkikov, A.I. - Using pole-mounted joints on 6-10 kv. cables. p.24.
Prokhorov, A.A. - New design of pole-mounted joints for up to 10 kv. p.25.
Gel'man, N.L. - Simple device for measuring the distance between conductors at intersections of overhead lines. p.27.
Orlov, V.A. - IG-1 clearance measuring instrument. p.28.
Akimtsev, IU.I. - Concerning V.P.Il'iashov's article "Graphs for calculating overcurrent protection." p.29.
Kot, A.A. - Water conditions in high-pressure boilers. p.31.
Gandin, B.D., Medvedenko, A.M. - New apparatus for fitting cable cores and conductors with tips by pressure jointing. p.33.
Rybak, Kh.A. - Increasing the current scale in operating some types of maximum relays. p.36.
Renewing and checking puncture-type cutouts for transformers. p.38.
Choice of current transformers for supply meters. p.38.
Oil containers, regeneration of oil and thermosiphon filters. p.39.
Preventing spontaneous ignition of coal in storage piles. p.39.
Steaming the layer of fuel on chain grates. p.39.
Unit-type distribution equipment of the K-III and K-IV series. p.3 of cover.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 11, no. 8, Aug. 1956.

Table of contents translated:

Treivas, M.D. - Effect of mercury-arc rectifier installations on the power supply system. p.1.
Genkin, B.I. - Change-over of existing industrial hot-water heating systems to operation at higher temperatures. p.5.
Prokof'ev, V.V. - Use of mechanical oil separators of the shaving type to remove oil from exhaust steam. p.8.
Glushko, V.V., Gertsenshtein, D.I. - Protection of capacitor equipment against overheating due to high temperatures of ambient air. p.10.
Khiger, S.IA. - Redesigning an electrosmelting furnace. p.11.
Mukoseev, IU.L. - Industry needs 660/380 voltages. p.12.
Voznesenskii, A.A. - Ways of increasing the efficiency and productivity of shaft furnaces for building materials. p.15.
Zagrialskii, I.V., Frolov, I.M., Kiselev, S.M. - Drying enameled ware by combustion gases; suggestion. p.18.
Shilov, A.P., and others. - Induction surface hardening of tractor block bushings instead of through hardening; suggestion. p.21.
Nikitin, G.A. - Apparatus for balanced compensation of reactive power due to unbalanced load; suggestion. p.22.
Moiseenko, A.I., Markovich, P.N. - Stop valve for a spray gun; suggestion. p.23.
Frenkel', S.N., and others. - Discussion of the use of PPV wires. p.24.
Litterov, S.M. - Sockets for fluorescent lamps. p.27.
Squirrel-cage motor operating at synchronous speed. p.28.
Mercury-arc rectifiers for industrial establishments. p.28.
Device for recording overloaded operation of distribution transformers. p.29.
Hydraulic drive for overhead cranes. p.29.
Use of infrared quartz lamps to heat parts. p.30.
Factors hindering the improvement of electric installation work. p.31.
Apparatus for automatic control of low-voltage systems. p.32.
Regulations for the installation of overhead transmission lines where they cross or approach overhead lines for communication and signaling. p.32.
KSO-2U cabinets for distribution equipment handling up to 10 kv. p.35.
Methods for removing oil from condensate. p.36.
Possibility of removing the carriage brakes of overhead cranes. p.36.
Review of A.I.Maevskii's book "Repairing the electric equipment of sugar factories." p.37.
High-voltage circuit breakers, disconnects, current transformers and lightning arresters (conclusion). p.39.
Basic characteristics specified in the All-Union State Standard 5308-50 for ventilating and exhaust fans replacing TSAGI fans Nos. 8, 9, 12, and 14 produced by plants of the Ministry of Heavy Machine Manufacturing for use with industrial boilers. p.40.

Vol. 11, no. 9, Sep. 1956.

Table of contents translated:

Lavrov, M.I. - Planning industrial power plants of small and medium capacity. p.1.
Grekov, A.N., Faershtein, A.S. - Revision of power-rate schedules. p.6.
Skorik, M.N. - Power rates. p.9.
Karingin, N.P. - Asbestos-cement economizers in industrial and heating boiler installations. p.11.
Gimolan, G.G., Glushko, V.V., Skomorokhov, I.M. - Protection of three-phase motors against two-phase operation. p.15.
Petrov, E.A., Ovcharenko, N.I. - Protective device employing a radioactive isotope. p.19.
Razykov, R.S. - Door interlock for the enclosure of a battery of static capacitors. p.31.
R.G. - Troubles in portable electric power stations of the ZhES-2 and ZhES-9 types and their elimination. p.22.
Gol'denblat, B.I. - Effect of the method of power factor improvement on the value of voltage loss in lighting equipment networks. p.23.
Gorzhberg, I.L. - Installation of large blocks and assemblies in the construction of industrial plants. p.26.
Raitsel'skii, L.A. - Using light-wall electric welded tubes in electrical work. p.30.
Electricity in industrial plants in the United States. p.31.
Arrangement of capacitors for power factor improvement. p.34.
Manufacture of electric equipment. p.35.
Amendments to the Safety Engineering Regulations. p.37.
New method for lining the walls of electric smelting furnaces using the acid and base process introduced at the Urals Car Plant upon the suggestion of S.IA. Barin. p.38.
Review of N.D. Kiselov's book "Electrical safety in the machinery manufacturing plant." p.39.
Portable electric power stations. p.3 of cover.

Vol. 11, no. 10, Oct. 1956.

Table of contents translated:

Rakovich, I.I. - New regulations for electric equipment in explosion-hazardous locations. p.1.
Vaisburd, P.M., Shapirshtein, IA.A. - Signaling the stoppage of power to large direct-current installations. p.6.
Sapiro, L.I. - Misalignment of flanged shaft couplings for electric drives. p.8.
Shkvirin, I.A. - Remote control of a pumping station. p.10.
Kiselov, M.I. - Improving the reliability of PS-10 drives. p.12.
Shulika, L.G. - Changes in the pressure-responsive device for regulating the output of 55-V compressors. p.13.
Sazonov, R.P. - Improving the design and thermal characteristics of shell and tube water heaters. p.14.
Litvak, L.V., and others. - Optimum rated power factor for synchronous motors. p.17.
Artiukh, V.S., and others. - Measures for reducing the amount of compressed air used in the factory. p.24.
Sharkov, V.M. - Use of the shaft-type electric furnace instead of the chamber-type furnace for heat treating diesel piston rings. p.26.
Deich, R.S. - Standardized switchboards permitting one-sided or two-sided servicing. p.27.
Kuznetskii, V.I., Surin, A.N. - Use of tubes with a thin metal sheath for interior wiring. p.31.
Television in boiler installations. p.32.
Kireev, M.I. - Amendments to the Safety Regulations. p.34.
Kireev, M.I. - Publication of an information bulletin on capacitor repairing. p.36.
Gershkovich, S.F. - Checking the air gap in electric motors. p.37.
Concerning K.D.Kofman and G.E.Khromchenko's article "Some demands on the electrical industry in connection with industrial methods in electrical installation work." p.37.
Tarasov, S.I. - Using autotransformers to supply power to outlying users. p.38.

Preshchin, E.A. - Permissible loads on cables in raceways and in open air. p. 38.
Rubo, L.G. - Apparatus for testing motors at load. p. 39.
Electric motors of the MD series. p. 40.
Equipment for the chemical purification and deoxygenation of water developed for low-capacity boilers by the Ministry of Heavy Machinery Manufacturing. p. 3 of cover.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

For large scale radio amateur activities in leading organizations of the All-Union Volonteer Society for Assistance to the Army, Air Force, and Navy. p. 1.
Broaden socialist competition for fulfillment of the sixth five-year plan. p. 3.
Radio conversation with Mirnyi. p. 4.
Sergeev, M. - Congress of television set builders. p. 6.
Valentinov, N. - Forward in force. p. 7.
Kulik, A. - Percentage of radio silence. p. 10.
Grigor'ev, G. - Radio communication in motorcycle competitions. p. 12.
Daniel'-Bek, V., Kurfirst, S., Roginskaia, N. - The TGK-10 thermo-electric generator. p. 13.
Tormazov, F. - New equipment. p. 15.
Kravchenko, S. - Interesting competitions. p. 17.
Zhelnov, V. - Meetings on the air waves. p. 20.
New keying circuits for use with a semiduplex. p. 21.
Vysokovskii, D. - More distant dissemination of ultrashort waves. p. 24.
Long-distance television reception. p. 27.
Korol'kov, V., Sher, V. - Dictaphones. p. 29.
Zykov, N. - Radio repair. p. 32.
Fabrik, M., Osipenkov, IU. - Automobile radio. p. 34.
Korobovkin, V., Nefedov, A. - Ultrashort wave receiver set. p. 39.
Breido, I. - Using photoelectric multipliers. p. 42.
Azat'ian, A. - Tubes for new radio receivers and television sets. p. 46.
Ovcharenko, E., Svoren', R. - Cathode-ray tubes. p. 49.
Sheinberg, M. - Observing the voltampere characteristics of electric valves on an oscillator screen. p. 53.
The Milan fair. p. 56.
From the pages of foreign journals. p. 60.
Technical information. p. 62.
New books. p. 63.

No. 10, Oct. 1956.

Table of contents translated:

Increase the international ties of Soviet radio amateurs. p. 1.
Review of creative activity; the 13th all-Union radio exhibition. p. 3.
Vasilenko, N. - From radio amateur to military radio operator. p. 8.
Semenova, A. - Training means success. p. 9.
Gol'f, I. - Why are there so few women radio operators in Ivanovo? p. 10.
Aprelenko, G., Cherevko, V. - Radio station collective in the competitions. p. 11.
Yi Ki-won. - The Sariwon radio club. p. 13.
Kochnev, V. - Ultrashortwave communication. p. 15.
Kazanskii, N. - "Field day" for radio operators. p. 16.
Accounts by participants. p. 18.
Demin, G. - Road to the air waves. p. 21.
Lomanovich, V. - Shortwave transmitter of the third category. p. 22.
Kozhevnikov, N. - Simple transmitter on 420-425 megacycles. p. 25.
Klimov, V. - Results of the competition. p. 28.
TSuprikov, A. - PRVPA and PTVZh cables for underground lines. p. 30.
Mikhailov, R. Metal and paper condensers. p. 31.
Grudinskaia, G. - Experience with regular communication on meter-length waves. p. 33.
Seliakov, L. - Aperture distortions. p. 34.
Cherniavskii, V. - The EPU standard phonograph playback. p. 37.
Electrostatic loudspeaker. p. 40.
Ronzhin, N. - Radiation counters. p. 41.
Korol', V. - Multichannel sound reproduction. p. 42.
High-quality low-frequency amplifier. p. 44.
Dol'nik, A. - Electrodynamic loudspeaker. p. 47.
Kruzhkov, N. - All-purpose voltmeter. p. 49.
Roginskii, V. - Conference on dielectric and semiconductor technology. p. 53.
Abroad. p. 54.
Exchange of experience. pp. 27, 40, 41, 46, 58, 59, 60.
Technical advice. p. 61.
New books. p. 63.

RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 1, Jan. 1956.

Table of contents translated:

Zernov, D.V., Elinson, M.I. - Field emission and field-emission cathodes. p. 5.
Tikhonov, V.I. - Distribution of the duration of peaks of normal fluctuations. p. 23.
Malin, V.V. - Influence of a semiconducting film on attenuation of radio waves in a waveguide of circular cross section. p. 34.
Cherepnin, N.V. - Influence of secondary electron emission of insulators on the stability of parameters of electron tubes. p. 38.
Rogovin, I.E. - On the possibility of extending the concept of similarity to multiresonator magnetrons having different numbers of resonators. p. 51.
Prokhorov, A.M. - Coherent radiation of electrons in the synchrotron at centimeter wavelengths. p. 71.
Voronin, E.S., Khokhlov, R.V. - Synchronization of oscillators by radio pulses with sloping edges. p. 79.
Khokhlov, R.V. - A case of mutual synchronization of reflex klystrons. p. 88.
Pervova, L.IA. - Shot noise in semiconductors. p. 98.
Dorf, O.P., and others. - Photoelements and photomultipliers with magnesium photocathodes for detecting ultraviolet radiation. p. 106.
Rytov, S.M. - The problem of phase fluctuations in an electron-tube oscillator. p. 114.
Karlov, N.V., Salomonovich, A.E. - Application of ferrites in radioastronomy technique. p. 120.
Karlov, N.V., Salomonovich, A.E. - Automatic multitype centimeter-wave radiometer for investigation of weak noise signals. p. 121.
Third international conference on information theory. p. 123.
Scientific and technical conference on semiconductor devices. p. 124.
Conference on information theory. p. 126.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Contents:

[Abstracts] Referaty 16362-17071. 277 p.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Ministerstva elektrotekhnicheskoi i radiotekhnicheskoi promyshlennosti SSSR [Ministries of Electrical and Radio Engineering Industries of the U.S.S.R.]. Moscow, vol. 2, no. 5, Sep. 1956.

Table of contents translated:

Liberman, L.M. - Computing multiple reflections in illumination engineering. p. 1.
Kustarev, A.K. - Graphic conversion of chromaticity coordinates. p. 4.
Kulakov, I.A. - Luminaires with annular metal shades. p. 9.
Zil'berblat, IA.B. - Operating conditions for 80-watt fluorescent lamps in outdoor applications. p. 11.
Chernyshova, N.V. - Brightness distribution on the tip surface of the anode in a silent carbon arc. p. 15.
Volotskoi, N.V. - Illumination of schoolrooms. p. 18.
Epaneshnikov, M.M. - Standardization of measures for limiting glare effect of fluorescent lamps. p. 19.
Kliuev, S.A. - Outline of regulations for limiting glare effect from fluorescent lighting apparatus. p. 20.
Sidel'kovskii, E.P. - Measuring the chromaticity and brightness of luminophor radiation by means of a photoelectric colorimeter. p. 21.
Aizenberg, IU.B., Bogoliubov, A.L. - Designing open fluorescent luminaires for industry. p. 23.
Kots, A.IA. - Lighting standards. p. 24.
Fluorescent lighting in schools. p. 25.
Professor L.D. Bel'kind; on his sixtieth birthday. p. 26.
National congress of lighting engineers in France. p. 27.
Meeting of the Lighting Section of the Moscow branch of the Scientific and Technical Power-Engineering Society. p. 29.
From foreign journals. p. 29.
About "Fluorescent lighting" by N.V. Volotskii, D.A. Zil'ber, G.M. Knorring. p. 31.
About "Electric lighting" by M.M. Epaneshnikov, M.V. Sokolov. p. 32.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Organ of Ministerstvo elektropromyshlennosti SSSR [Ministry of the Electrical Industry of the U.S.S.R.]. Moscow, vol. 27, no. 3, Mar. 1956.

Table of contents translated:

In a new stage. p. 1.
Ivanov, G.K. - For the fulfillment of production of domestic electric appliances. p. 3.
Bykhovskii, D.G. - New apparatus for connecting and terminating aluminum conductors. p. 10.
Pautin, N.V., Chalyi, G.V. - The KPCh-1 automatic tuning-fork frequency regulator. p. 13.
Chernyi, M.L. - Simple method for determining static moments in finger contactor elements in electrical apparatus. p. 26.
Macheret, L.I., Zverev, V.V. - Aspects of insulating cables for supervoltage. p. 29.
Palastin, L.M. - Experimental calculation of full supertransient reactances of single-phase synchronous machines. p. 39.
Pchakhchian, Zh.N. - Protection of synchronous generators from industrial radio interference. p. 42.
Lozanovskii, A.L. - Calculation of inductive shunts. p. 45.
Moldaver, A.I. - Practical method for calculating magnetic potential in the teeth of electric machinery. p. 49.
Smirnov, M.V. - Testing turn insulation in high-voltage machine under operating conditions. p. 52.
Evseev, R.E. - Joining aluminum conductors and cables by arcless electric welding. p. 62.
Podgurskii, L.V. - Combined electric forging furnaces with protection of steel against oxidation. p. 67.
Transatlantic telephone cable. p. 72.
In the Ministry of the Electric Industry. p. 75.
Results of the work of the Electric Machine Section of the Technical Council of the Ministry of the Electric Industry in 1955. p. 76.
Vainshtein, B.Z. - All-Union conference on the improvement of the electric railroad system. p. 79.

Vol. 27, no. 4, Apr. 1956.

Table of contents translated:

Eremeev, A.S. - Increasing the capacity of synchronous compensators. p. 1.
Kuznetsov, B.I. - Effect of insulation thickness on the use of electric machines. p. 5
Kazovskii, E.IA. - Operation of three-phase a.c. machines with unbalanced stator windings. p. 17.
Nakhodkin, M.D., Khvostov, V.S. - Nature of ring fire on the collector of high-voltage d.c. machines. p. 34.
Kasprzhak, G.M., Nikolaev, A.V. - Stage compensation of changes in network voltage during automatic arc welding. p. 42.
Alekseeva, M.M. - Bearing currents in inductor generators of the heteropolar type. p. 47.
Gubenko, T.P. - Circle diagrams of induction machines. p. 53.
Fetisov, V.V. - Effect of armature reaction on the leakage fields of main poles and on leakage inductance of the field winding in direct-current machines. p. 60.
Kashin, V.A., IAntovskaia, E.B. - Rubber mixtures for repairing and uniting cables with rubber insulation. p. 65.
Prishchep, L.G. - Detection of hidden faults in flexible electric cables. p. 69.
PED35-2 electric motor for oil wells. p. 72.
S100 three-range 25-50-75 kilovoltmeter of an electrostatic system. p. 73.
Work of the High-Voltage Apparatus and Transformer Section of the Technical Council of the Ministry of the Electric Industry in 1955. p. 74.
Conference on methods for improving the reliability of electric machines for rolling mills. p. 76.
Conference on mechanization and automation in plants of the Office of the Battery Industry under the Ministry of the Electric Industry. p. 77.

VESTNIK SVIAZI [COMMUNICATION REVOEW]. Issued by Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R.]. Moscow, vol. 16, no. 9(100), Sep. 1956.

Table of contents translated:

Editorial: For wider propaganda and introduction of the achievements of science and technology. p. 1.
Direct all efforts toward more active technical propaganda in communications enterprises. p. 2.
Introducing the use of radio apparatus on telephone lines. p. 4.
Kopytin, L.A. - Radio relay lines with great distances between amplifier substations. p. 5.
Voevodin, A.A. - Experience with putting up trussed masts. p. 7.
Shamshin, I.A. - Circuit for simultaneous translation installations carrying speech translations in several languages. p. 9.
Kordobovskii, A.I. - Regulating the SORS relay rod and preventive testing of the ST-35 transmitter contact system. p. 11.
Kornev, V.F. - How we obtain lower costs in the radio reception and redliffusion center. p. 13.
Kogan, V.S. - Experience with operating subscriber telegraph systems. p. 15.
Communication in the V.I. Lenin Central Stadium. p. 18.
Conference of interdistrict control workers. p. 20.
Zhiriakova, N.P. - Work experience of an interdistrict control worker. p. 21.
Rueda, M.L. - Locating all communications facilities and radio center in the same building in Kalinin Province. p. 22.
Rivin, L.IA. - The initiative of communications workers is a pledge of production achievements; from work experience of the Penza post office. p. 23.
D'iachkov, I.A., Medvetskii, M.G. - Let's improve work with efficiency innovators. p. 26.
Equipment designed by efficiency innovators and inventors. p. 28.
Devices for testing ATS-47 equipment. p. 28.
Lift for transporting parcels. p. 28.
Device for measuring nonlinear distortions. p. 28.
Device for heating and testing gas rectifiers. p. 28.
Roginskii, V.N. - Automatic telephone system with coordinate connectors. p. 29.
Bulygin, I.V., Basin, I.Sh., Prodan, K.F. - "Operating electric communication systems and radio service in the district" by A.P. Afanas'ev and others. p. 32.
In the Collegium of the Ministry of Communications of the U.S.S.R. p. 33.

B 16e - g

Fedorov, A.D. - International philatelic exhibition in Finland. p. 33.
Pavlov, V.V. - Semiconductor parts for telephone systems. p. 34.
New publications on telecommunication. p. 34.

VOPROSY RADIOLOKATSIONNOI TEKHNIKI; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF RADAR ENGINEERING; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 6, no. 5(35), 1956.

## 8) INDUSTRIES & TRADES

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol. 31 no. 9, Sep. 1956.

Table of contents translated:

Nepenin, IU.N., Orlova, T.N. - Sulfite cooking with acid on an ammonia base. p. 3.
Khlebnikov, A.A. - Critical speed of cylinder paperboard making machines. p. 6.
Granat, S.S. - Measuring instruments and automatic control in the woodpulp and paper industries. p. 7.
Marder, M.V. - Combustion of Vorkuta coals in furnaces with a rabbling device. p. 9.
Zil'berfarb, V.I. - Electric driving of papermaking machinery with magnetic amplifier control. p. 10.
Medvedev, P.A. - Continuous cooking of semicellulose in a tubular apparatus. p. 11.
Matsulev, G.S. - Starting the operation of a vacuum-evaporator station. p. 14.
Staretsi, I.S., Ruvinskii, S.M., Sazonova, K.N. - Modernization of bearing mountings on papermaking machines and supercalenders. p. 15.
Bagatiuk, A.P.-Electronic tension regulator used in paperboard and sheet paper manufacture. p. 21.
Trushin, S.S. - Improvement of bark-stripping installations. p. 22.
Berzin'sh, E.A. - Straining the stuff on circular-mesh papermaking machines. p. 23.
Gavrilov, V.S. - Machine for paraffin wax sizing and cutting of wrapping paper. p. 23.
Kuroptev, M.G. - Changing felts on a papermaking machine. p. 24.
Tumbin, P.A. - Letter to the editor. p. 24.
Answers to readers' questions. p. 24.
Ryzhov, I.T. - Improving financial and economic operations of the industry. p. 26.
Uchastkina, Z.V. - Calculating labor consuming operations in the woodpulp and paper industry. p. 28.
Balmasov, E.IA. - Automatization in continuous woodpulp cooking. p. 29.
N.B. - Use of sodium sulfate for sprinkling the grinder zone. p. 30.
S.I. - Fibrous filler is a new pigment for the paper industry. p. 30.
Riukhin, N.V. - Conference on the chemistry and technology of lignin. p. 31.
Summary of comments on F.G. Shukhman's book "Papermaking machines." p. 32.
F.F. Bychkov; an obituary. p. 32.

DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Published by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol. 5, no. 10, Oct. 1956.

Table of contents translated:

Put progressive practices at the disposal of all enterprises. p. 1.
Leont'ev, N.L., and others - Effect of high temperature conditions of drying on the physical and mechan- [illegible] operties of wood. p. 3.
[illegible], S.E. - Practices of high temperature dry- [illegible]od in petrolatum. p. 6.
K.I. - For further economy of adhesive [illegible] in the plywood industry. p. 9.
[illegible] - Technological diagrams and the [illegible] of woodcutting machines. p. 10.
[illegible] [illegible]dinactive isolane [illegible]
Petrov, B.S. - Speed up specialization and cooperation in Leningrad furniture factories. p. 23.
Moscow exhibit of furniture models. p. 24.
Slutskii, S.B. - Book on the interchangeability in the woodworking industry. p. 25.
Articles in foreign journals. p. 26.
Sterlin, D.M. - Manufacture of plywood and furniture panels at the Wiederitzsch Combine. p. 27.
Finishing furniture with hot lacquers and paints. p. 29.
Manufacture of hardwood flooring. p. 31.

LEGKAIA PROMYSHLENNOST' [LIGHT INDUSTRY]. Organ of Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR i RSFSR [Ministries of Consumers' Goods of the U.S.S.R. and the R.S.F.S.R.]. Leningrad, vol. 16, no. 9, Sep. 1956.

Table of contents translated:

Steady lowering of production costs. p.1.
Maksimova, M.A. - Developing the garment industry in the sixth five-year plan. p.4.
Ginzburg, D.B. - Efficient use of fuel in its gasification at glass manufacturing plants. p.6.
Tokarev, D.G., Varshavskaia, N.N. - Using heat potentialities. p.10.
Bogopol'skii, N.E. - Finishing leather accessory articles with a polyvinyl chloride plastic edging. p.11.
Vilenkina, A.M. - At the All-Union Industrial Exhibition. p.13.
Berliner, M.A. - Automatizing the control of a screw conveyor. p.17.
Metelkin, A.I., Suchkov, V.G., Zurabian, K.M. - Increasing the wear resistance of sole leather. p.20.
Golovastikov, I.N. - Standard method of simplified stoichiometric calculations. p.23.
Khatset, B.E. - Unfounded recommendations. p.25.
Kuprianov, M.P. - Technological method of testing materials for footwear uppers. p.26.
Marakhovskii, M.G., Zakharov, N.I., Pokarskaia, G.D. - Utilization of wastes of single-ply shoe leather substitutes. p.28.
Khoroshaia, E.S., and others. - Rapid electrometric method of determining potassium chloride content in artificial leather. p.30.
Grunin, V.E. - Mechanization and automatization of manually performed operations on flat, cardigan-stitch knitting machines. p.33.
Kamenetskii, V.IA. - Production of improved-design centrifuges. p.37.
Grilikhes, S.IA. - Protective and decorative oxidation of aluminum articles. p.40.
Danielian, G.M., Kistrusskii, V.I. - Multilinear conveyor in the cutting-out department of a shoe factory. p.43.
Okopov, M.S., Babichenko, N.I. - Machine for ironing out the back seam of kersey boot. p.46.
Volkov, M.I., Dvorkin, L.M. - Buckling of a warp knit fabric. p.48.
Stel'boim, P.S. - A valuable book "Rapid warp knitting machines" by S.Kh.Simin. p.50.
Mishustin, I.U. - Improving the quality of artificial leather. p.52.
High-speed looms for the production of industrial tapes. p.55.
Improvement of automatic shuttle winders for ribbon weaving, braiding and sewing shuttles. p.56.

MIASNAIA INDUSTRIIA SSSR [MEAT INDUSTRY OF THE U.S.S.R.]. Organ of Ministerstvo promyshlennosti miasnykh i molochnykh produktov SSSR [Ministry of the Meat and Dairy Products Industry of the U.S.S.R.]. Moscow, vol. 27, no. 5, 1956.

Table of contents translated:

Gorbatov, V. - Speed up the over-all mechanization and automatization of production. p.1.
Let's improve the quality of raw hides and furs: In the plenum of the Technical Council of the Meat and Dairy Products Industry of the U.S.S.R. p.7.
Lapshin, A. - "Leningrad" assembly line for extracting fat. p.22.
Grinberg, T. - Inclined overhead conveyor. p.24.
Zherebtsova, P. - Instruments for determining the tenderness of meat. p.27.
Khristodulo, D., TSibanov, V. - Automatic prevention of the overfilling of liquid separators. p.29.
Konkin, I. - Efficiency improvement at the Baku Meat Combine. p.30.
Babin, G. - How to avoid loose packing of cooked sausages and frankfurters. p.31.
Matrozova, S., Safonov, S. - Intensified method of extracting fat from bones. p.34.
Pankova, F., and others. - Mineral feed from eggshells. p.36.
Parasochka, A. - Let's improve the fattening of swine. p.38.
Gershman, L. - High weight gains. p.39.
Sorochkin, I. - Methods for establishing production standards in sausage making. p.40.
Gol'denberg, L. - Economizing meat. p.46.
Kondratiuk, N. - Ways of raising production indexes of poultry plants. p.47.
Pal'min, V. - Changes in physical and chemical properties of meat in the salting of sausages. p.51.
IAnushkin, N. - Effect of cold storage temperature on the properties of meat when defrosted. p.53.
Nakonechnyi, N. - Vitamin A content of various organs and tissues of cattle and horses. p.55.
Makovozov, M. - Experiments in determining the coefficient of heat and moisture conductivity of meat products. p.57.
New books. p.59.
Konnikov, A. - In Czechoslovak packing plants. p.60.
Alekseev, N. - Machine for removing swine hides. p.62.

PROMYSLOVAIA KOOPERATSIIA [PRODUCERS' CO-OPERATION]. Issued by TSentral'nyi sovet promyslovoi kooperatsii SSSR [Central Council of Producers' Cooperation of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Editorial: Develop and maintain criticism from below. p.1.
In honor of the 39th anniversary of the Great October. p.3.
Tender subjects; what a check of disabled workers' rehabilitation in Moscow Province tells us. p.5.
Okunev, I. - Correct time. p.6.
D'iachenko, G. - Let us drop into a custom tailor shop. p.10.
Seleznev, P. - A shop for repairing motorcycles. p.11.
Karataev, P. - In pursuit of "gross output." p.13.
Bobkov, A. - Skilled embroideresses. p.13.
Rubinshtein, L. - In the quest for souvenirs. p.14.
Vakulov, V. - With Zhlobin incrustators. p.15.
Solov'eva, V. - Cutting up cloth without remnants. p.16.
Fridman, I. - Mobile brickyard. p.18.
Pankratov, A. - Kilning raw bricks of increased moisture. p.19.
Seredin, M. - From waste products of the chemical industry. p.20.
Karpov, A. - Three hundred clips in one minute. p.21.
Chorovan', S. - Punches for simultaneous cutting and rolling. p.21.
Evseev, P. - Socialist reforms of handicraft industries in the Chinese People's Republic. p.22.
Khokhor, V. - Make full use of local raw materials. p.24.
Shumilov, V. - A producers' cooperative needs help. p.25.
Moro, M. - Adopting progressive work practices with initiative. p.26.
Review of wall newspapers. p.27.
Makarenko, A. - In the struggle for cleanliness and good working conditions in industrial plants. p.28.
Roshelkin, N. - The first time among cooperative societies of the Russian S.F.S.R. p.29.
Davydov, L. - Articles on display and for sale. p.30.
Kaganov, L. - Freshmen. p.32.
Sysuev, M. - After the Spartakiada. p.34.
Orlov, P. - Unfortunate booklet. p.36.
Dolzhenko, N. - Reduce time spent on each operation. p.37.
New books. p.37.
Measures for improving the periodical "Promyslovaia kooperatsiia." p.38.
Follow-up of our publications. p.39.
Brief news. p.40.

SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Ministerstvo tiazhelogo mashinostroeniia SSSR [Ministry of Heavy Machine Building of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:

Shorshorov, M.Kh., Klebanov, G.N., Gushchina, L.S. - Studying kinetics of grain growth and changes in the structure and mechanical properties of low-alloy steel of the zone surrounding a joint. p.1.
Erokhin, A.A. - Examining electrodes for welding high-strength steels. p.4.
Nikolaev, K.G., Gololobov, D.A. - Methods of testing welded joints in ship hull construction for the formation of cracks. p.9.
Vorontsova, E.I., Karacharov, T.S. - Evaluation of work conditions in various types of arc welding. p.12.
Vagapov, I.M. - Restoration of worn high-manganese steel frogs. p.15.
Mel'nikov, L.A., Klimovitskii, Z.L. - Automatic welding of steam turbine diaphragms. p.19.
Navrotskii, D.I., Shishkin, V.IU. - Shape of butt weld surfaces. p.22.
Fal'kovich, A.S., Nelfol'd, I.E. - Comparative effectiveness of weld quality control by radiography with use of radioactive isotopes. p.23.
Gorin, I.G. - Standardization of operations in manual arc welding. p.24.
Kapulkin, N.A. - Gas cutting machine with a system of remote control by photo printing to scale. p.25.
IAshin, I.F. - For an efficient utilization of electrodes. p.27.
Kuryshev, V.E. - Brass valve for a water safety shut-off device on acetylene generators. p.28.
Bazhenov, I.A. - Device for oxygen cutting of pipes to uniform length. p.29.
Reizin, L.M. - Device for cutting pipes. p.29.
I.G. Guzenko; an obituary. p.30.
Coordination of scientific research work on welding. p.30.
Nevskii, V.A. - Soviet books and articles on welding. p.31.
IAkub, E.Z. - Foreign books and articles on welding. p.33.
Decision of the conference on welding in an atmosphere of protective gases. p. 3 of cover.

## 9) MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR, Seminar po teorii mashin i mekhanizmov. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Seminar on the Theory of Machines and Mechanisms. Transactions]. Moscow, vol. 15, no. 60, 1956.

Table of contents translated:

Preface. p.3.

Semenov, M. V. - Investigating the motion of planet wheels in planetary mechanisms. p. 5.
Cherkudinov, S. A., Speranskii, N. V. - Suggested type for a maltese cross gear. p. 26.
Kostitsyn, V. T. - Graphic solution of a problem on the motion of a body with varying mass. p. 45.
Berdnikov, V. V. - Investigating the dynamics of piston-type pneumatic engines. p. 52.

AVTOMOBIL'NAIA I TRAKTORNAIA PROMYSHLENNOST' [AUTOMOBILE AND TRACTOR INDUSTRY]. Organ of Ministerstvo avtomobil'nogo, traktornogo i sel'skokhoziaistvennogo mashinostroeniia SSSR [Ministry of Automobile, Tractor, and Agricultural Machine Building of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:
Derbisher, A. V. - Practical experience in using theoretical-probability calculations of high precision in industrial processes. p. 1.
Bazanova, V. S. - Comparative cost analysis of the DT-54 tractor. p. 6.
Tokarev, A. A., Gol'breikh, A. A. - Hydraulic torque converter for motorbuses. p. 7.
Rotenberg, R. V. - Engineering methods of calculating automobile vibration. p. 13.
Likhachev, V. S. - Fuel feed corrector for internal combustion tractor engines. p. 17.
Novitskii, I. V. - Investigation of the slotted oil filter for the KhTZ-7 tractor. p. 19.
Knoroz, V. I. - The rolling of an automobile wheel at an inclined angle to the road. p. 24.
Freidlin, A. IA. - New equipment in the field of cold stamping. p. 33.
Ginzburg, D. G. - Designing cold stamping plants. p. 37.
Fomin, A. A. - Construction of a series of Dietz engines. p. 40.
Biro, E. M. - Hungarian experience in automobile and tractor construction. p. 42.
Ivashkin, V. G. - Passenger automobile with an electric engine. p. 44.
Sviderskii, N. I. - The GS-I, 5 all-purpose hillside tractor chassis. p. 45.
Koz'min, L. V. - Chromium plating cylinders made of light alloys. p. 45.
Scientific research and experimental work done by the institutes and plants of the automobile and tractor industry; list no. 6, 1956. p. 47.
Kuznetsov, G. M. - Review of A. S. Azarov's book "Mechanization and automation in machining metal parts." p. 47.
New books. p. 48.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog SSSR [Ministry of Automotive Transport and Highways of the U.S.S.R.]. Moscow, vol. 34, no. 9, Sep. 1956.

Table of contents translated:
The leading profession in the automotive transport industry. p. 1.
Khromov, A. - Some results of the development of public automotive transport in Moscow. p. 4.
Popov, S. - On the use of dump trucks in mining. p. 6.
Khaskin, V. - Method of calculating the results of the financial activity of automotive transport enterprises. p. 7.
Aleksandrov, N. - Organizing the transportation of cotton wool. p. 8.
Samsonov, A. - Machinery for loading and unloading sugar beets. p. 10.
Lomanov, A., Kornoichev, N., Zhorov, S. - Improving the organization of automobile servicing. p. 11.
Losavio, G., Semenov, N. - New method of heating engines in winter. p. 13.
Tuktaev, I. - Wheel-changing pit. p. 15.
Zhaltukhin, G. - Mechanical cleaning and testing of gas cylinders of compressed-gas automobiles. p. 16.
Drovchenko, N. - Ways of measuring the toe-in of automobile front wheels. p. 17.
Konovalov, K. - Efficiency innovators of the Nalchik automobile passenger transport enterprise. p. 19.
Zubchuk, B. - One fuel economy potentiality. p. 21.
Dukhov, T. - Some problems in the technology of reconditioning parts by means of acleration. p. 22.
Malyshov, G. - New bus models must answer the demands of operation and repair. p. 24.
Chelidze, A. - The KAZ-600 dump truck with side dumping. p. 24.
Vlasov, M. - Eliminate shortcomings in the design of the IAAZ-204 engine. p. 26.
Sabinin, A. - Results of the U.S.S.R.'s superiority in automobile cross-country competition. p. 27.
Exchange of experience. p. 29.
Information. p. 33.
Abroad. p. 36.
Book reviews. p. 38.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII KOTLOTURBINNYI INSTITUT. [Trudy] [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF BOILERS AND TURBINES (Transactions)]. Moscow, vol. 29, 1956.

Title translated:
Liberman, L. IA., Peisikhis, M. I. - Handbook on the properties of steels used in marine boiler and turbine building. 196 p.
Title transliterated: Liberman, L. IA., Peisikhis, M. I. - Spravochnik po svoistvam stalei, primeniaemykh v kotloturbostroenii. 196 p.

MASHINOSTROENIE; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [MACHINE BUILDING; Translations and Surveys of Foreign Periodical Literature]. Moscow, vol. 5, no. 11(41), 1956.

MEKHANIKA; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [MECHANICS; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 7, no. 5(39), 1956.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 84/85, 1956. Stroitel'nye konstruktsii [Structural elements].

Table of contents translated:
Foreword. p. 3.
Bogdanovich, A. F. - Investigation of deformation in dowel joints subjected to rated loads. p. 5.
Bogdanovich, A. F. - Effect of deformation of the lower chord on the failure of wooden beams. p. 22.
Ovechkin, A. M. - Problem of determining the epure of moments for continuous reinforced concrete girders under conditions of least metal consumption. p. 29.
Chebanenko, A. I. - Calculating the strength of bent reinforced concrete elements. p. 45.
Mitropol'skii, N. M. - Designing reinforced concrete elements according to limiting states. p. 113.

MOSCOW. TRANSPORTNO-EKONOMICHESKII INSTITUT. Trudy [INSTITUTE OF TRANSPORTATION ECONOMICS. Transactions]. No. 2, 1955. Tekhniko-ekonomicheskie voprosy zheleznodorozhnykh perevozok [Technical and economic problems of railroad freight transportation].

Table of contents translated:
Chudov, A. S. - More accurate calculation of haulage costs by means of expenditure rates. p. 3.
Dmitriev, V. I. - Reserve cars in the freight yard. p. 20.
Povorozhenko, V. V. - On improving the organization of local flow of railroad cars. p. 40.
Gibshman, A. E. - Technical and economic efficiency of increasing speeds of train movement on braking sections. p. 63.
Kochetov, I. V. - Current problems in the statistical recording of railroad equipment. p. 73.
Hazen, M. M. - Selecting an economical turbogenerator having steam extraction. p. 86.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 116, 1956. Issledovanie nizkolegirovannykh i malouglerodistykh stroitel'nykh stalei [Study of low-alloy and low-carbon structural steels].

Table of contents translated:
Foreword. p. 3.
Introduction. p. 4.
Volokhvianskaia, E. S., In'shakov, N. N., Shchapov, N. P. - Investigation of structural steel having an increased arsenic content. p. 16.
Ershova, K. N. - Nonmetal impurities in arsenic steel. p. 47.
Ershova, K. N. - Method of determining the arsenic content in steel. p. 54.
Nikiforova, E. F. - On the characteristic distribution of arsenic in structural steel. p. 62.
Volokhvianskaia, E. S. - Investigation of improved experimental smelts of bessemer steel. p. 71.
Krasovskii, A. I. - Weldability characteristics of improved bessemer low-carbon content steel. p. 84.
Kraichik, M. M. - Strength of welded joints made of improved bessemer steel. p. 99.
Moiseev, I. A. - Investigation of the strength of welded joints in improved bessemer steel applied to construction elements. p. 110.
Vershinskii, S. V. - Experimental investigation of the strength of natural weld joints of railroad car parts made of open-hearth and bessemer steels subjected to repeated impact loading. p. 128.
In'shakov, N. N., Shchapov, N. P. - NL-2 low-alloy structural steel. p. 165.
In'shakov, N. N. - Investigation of increased strength low-alloy steel for railroad cars. p. 186.
Vikker, I. V. - X-ray investigation of the behavior of St. 3 soft carbon steel and NL-2 low-alloy steel during the expansion of rivet holes. p. 196.
Krasovskii, A. I. - Resistance of low-alloy and low-carbon steels to the formation of hot cracks during arc welding. p. 200.
Kraichik, M. M. - Strength of welded joints in low-alloy steels. p. 209.

No. 124, 1956.

Title translated:
Larin, T. V., and others. - Seamless rolled wheels for railroad cars. 187 p.
Title transliterated: Larin, T. V., and others. - TSel'nokatanye zheleznodorozhnye kolesa. 187 p.

REFERATIVNYI ZHURNAL: MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINE BUILDING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 19, Oct. 1956.

Contents:
[Abstracts] Referaty 24801-26500. 227 p.

No. 20, Oct. 1956.

Contents:
[Abstracts] Referaty 26501-28200. 203 p.

No. 21, Nov. 1956.

Contents:
[Abstracts] Referaty 28201-29700. 221 p.

SEL'KHOZMASHINA [THE AGRICULTURAL MACHINE]. Organ of Ministerstvo mashinostroeniia SSSR [Ministry of Machine Building of the U.S.S.R.]. Moscow, no. 9, Sep. 1956.

Table of contents translated:
Have agricultural machinery plants ready to start fulfilling the 1957 plan. p. 1.
Reznik, N. E. - Diagram and design of the KSK-2,6 corn silage harvester. p. 3.
Zel'tserman, I. M., Popov, B. A., IUgov, G. IA. - Binding apparatus of pickup balers for hay and straw (wire binding). p. 6.
Koliasin, E. A., Zhuk, Z. IA. - Electric cream separators. p. 10.
Omel'chenko, A. A., Ushchenko, L. A. - MSh-5 machine for weaving mats. p. 12.
Povidailo, V. A., Bespalov, K. I. - Modernized checkrow corn planter. p. 14.
Grossman, R. I. - Testing the seeding apparatus for accuracy in checkrowing corn. p. 16.
Pogodin, N. G. - Problem of selecting the design for granular superphosphate distributors. p. 17.
Lolenko, A. K., and others. - Determining forces acting upon parts of the cutting apparatus in harvesting large-stemmed crops. p. 19.
Gonchar, I. S. - Soil conditions causing the wear of cultivating machinery in Polesye. p. 21.
Voronov, A. I. - Studying the performance of the universal eccentric four-bat reel. p. 23.
Slutskii, I. I., Piskunov, I. V., Stochik, G. F. - New-type conveyer with a plane-parallel flow of materials and automatic painting installation. p. 26.
Krapivnik, IA. I. - Simplified design of push rods. p. 29.
Denoak, D. - Two new drying installations. p. 30.
Popov, V. P. - Comments on two problems in Academician B. S. Svirshchevskii's book. p. 32.

STANKI I INSTRUMENT [MACHINE TOOLS AND INSTRUMENTS]. Organ of Ministerstvo mashinostroeniia SSSR [Ministry of Machine Building of the U.S.S.R.]. Moscow, vol. 27, no. 9, Sep. 1956.

Table of contents translated:
Mozivetskii, IA. P. - The 1722 semiautomatic profiling lathe. p. 1.
Stepanov, I. I. - Three-dimensional grinding machine. p. 5.
Vasil'ev, V. S. - Computing parameters and instruments for determining the productive time of equipment. p. 7.
Kamenetskii, G. I. - Longitudinal vibrations due to the hydraulic drive of machine tools. p. 11.
Litvin, F. L. - Noncircular gear wheels. p. 16.
Sultanov, T. A. - Combined taps for round screw dies. p. 19.
Bogomolov, N. I. - Causes of the grinding capacity decrease of abrasives during lapping operations. p. 22.
Shal'nov, V. A. - Prevention of cracking occurring while grinding heat-resistant alloys. p. 24.
Morozova, E. M., Skuzovatova, A. P. - Nitriding structural steel. p. 25.
Semenova, L. M., Markov, N. N. - Angle pitch gauge. p. 28.
Gelberg, B. T., Volosatov, V. A. - Measuring the pitch of the lead screw in jig boring machines. p. 29.
Semenova, L. M., Ponomarev, A. P. - Mechanization of controlling operations in the production of slide calipers. p. 29.
Rubinshtein, S. A. - Axial form tools. p. 30.
Gurgal', V. I. - High-production cutting tools. p. 31.
Duma, R. K. - Converting a cantilever milling machine to perform profiling operations. p. 32.
Raspopin, A. F. - Improving the supports of horizontal milling machines. p. 32.
Emel'ianov, P. I. - Attachment for horizontal milling machines. p. 33.
Rostovtsev, N. E., Sal'nikov, O. A. - Centrifugal chucks. p. 33.
Levin, B. IU. - Shaper attachment for machining helical grooves with rectangular cross section. p. 34.
Starikov, P. P. - Machining bevel gears by a single cutting tool. p. 36.
Losnykh, D. S., Smovt, M. S., Moroz, K. K. - Electrolytic sulfiding of steel and cast iron in aqueous solutions and fusions of salts. p. 35.
Fralman, D. E. - Axle boxes with antifriction bearings. p. 36.
Belov, N. A. - Combined die for forging bottom boxes. p. 36.
Zaitseva, K. V. - Standardizing rotating shaft packings. p. 37.
New machine tools and power presses. p. 40.
Results of the all-Union competition for instrument designers. p. 41.
Books. p. 43.
Dissertations. p. 43.
Periodicals. 44.

STROITEL'NOE I DOROZHNOE MASHINOSTROENIE [ROAD AND CONSTRUCTION MACHINERY BUILDING]. Issued by Ministerstvo stroitel'nogo i dorozhnogo mashinostroeniia SSSR [Ministry of Road and Construction Machinery Building of the U.S.S.R.]. Moscow, vol. 1, no. 9, Sep. 1956.

Table of contents translated:
Gurevich, A. IA. - On standardization of building and

B 16g - h

road machinery. p. 3.
Gusakov, IU.P., Gubenko, IU.K. - Improved mechanism for the T-178 jib crane. p. 6.
Ogievich, V.A., and others. - Basic equipment for standard continuous-operation concrete plants. p. 8.
Aristarkhov, G.N. - Utilizing the experience with operating the D-282 machine in selecting parameters for soil mixing machinery. p. 13.
Dmitriev, V.V. - Examination of the operation under actual conditions of the D-183S scraper and the D-258 trailer. p. 15.
Shtorm, V.V. - Equipment for successive stressing of reinforcements used in prestressed reinforced concrete products. p. 17.
Morozov, F.I. - New designs for powdered metal bits and holders. p. 20.
Gordon, Kh.I. - Work of the VPTI for Road and Building Machinery in calculating time standards for machining parts. p. 22.
Grishkan, S.G. - Honing hydraulic cylinders for the E-153 excavator. p. 25.
Shifrin, T.A. - More attention to preparations for wintertime work. p. 25.
Kiselev, N.M. - My experience with working a shaping machine. p. 27.
Shcherbunov, V.N. - Device for milling cams. p. 28.
Sadakov, G.F. - Experience of the Sverdlovsk Machine Works on improving the design and standardizing machinery. p. 28.
Khanin, V.G. - Pipe cutting machine of new design. p. 29.
Rostotskii, V.K. - The 1956 world industrial fair in Belgium. p. 30.
Khomiakov, K.G., and others. - Branch conferences of production activists of the Main Administrations of the Ministry. p. 37.
Annotations to foreign periodical articles. p. 38.

Vol. 1, no. 10, Oct. 1956.
Table of contents translated:
Pankratov, S.A. - Experimental investigation of dynamic loading on the dragline boom of the E-505 excavator. p. 3.
Berkman, I.L. - On problems of working frozen ground. p. 5.
Kireev, V.N. - Wear resistance of a chain working in an abrasive medium. p. 10.
Vorob'ev, A.A. - Pneumatic machinery for unloading cement from railroad cars and barges. p. 14.
Lapir, F.A. - Modernized concrete mixers. p. 16.
Estrin, M.I. - Investigation of the cutting pattern of elevator-type grader blades. p. 21.
Moskalenko, V.K. - Power tools designed for use with gasoline engine drive. p. 24.
Ivanov, S.N., Vertinskii, N.K., Radkevich, V.T. - The D-348 all-purpose painting machine. p. 25.
Ivanishchev, G.G., Kantorovich, M.S. - Pressing bushings without further processing. p. 27.
Baraz, M.V. - Using organic glass in chrome plating baths. p. 29.
Serdinova, N.A. - Simplified initial forms for labor and wage accounting. p. 30.
Maze, M.A. - Automatic welding of compressor receivers. p. 31.
Mann, I.M. - Welding oil tanks on the type MSHP-150 seaming machine. p. 32.
Davidenko, N.G., Kolotilov, P.IA. - Improving the techniques of making brake shoes. p. 33.
Foreign vibration surface soil compaction machines. p. 34.
Bernshtein, M.D. - New type combined earthmoving and loading machine. p. 37.
New books. p. 39.
Dissertations. p. 39.
Annotations of articles from foreign journals. p. 39

State Line and Potomac River Power Plants in the United States. p. 57.
Mironov, V.D. - Oxygen meter. p. 61.
Bychkovskii, A.L., Zalkind, I.IA., Okerblom, IU.I. - Methods and outlook for the use of suspended seamless refractory walls. p. 61.
Bereznegovskaia, V.N. - Stage evaporation arrangement with the second stage connected in parallel with the drum. p. 63.
New books. p. 63.
Kantorovich, B.V., Ivanov, V.M. - Review of the book "What is combustion?" by G.F. Knorre. p. 64.

Vol. 3, no. 10, Oct. 1956.
Table of contents translated:
Styrikovich, M.A., Stasiuliavichus, I.K. - Special high-capacity boilers to cover peaks in heating and power plants. p. 3.
Melent'ev, L.A. - Arrangements and conditions of "open" district heating systems when the heating load is shared by heating and power plants operating in parallel. p. 9.
Veretennikov, V.V. - Aspects of the operation of a stationary stoker with a chain-driven shuttle bar. p. 14.
Zhukova, M.G. - Determining the alkalinity of steam by conductometric titration. p. 23.
Geller, Z.I. - Use of high-viscosity cracking wastes as boiler and furnace fuel. p. 25.
Lyshevskii, A.S. - Fineness of liquid fuel atomization in ordinary atomizers. p. 30.
Man'kina, N.N., Loginov, M.D., Sashina, T.A. - Preventing the formation of copper scale by means of sodium hexametaphosphate. p. 33.
Petukhov, B.S. - Thick-walled tube method for measuring local heat release in tubes. p. 36.
Zysina-Molozhen, L.M. - Semiempirical method for calculating the parameters of a plane boundary layer in the transition zone. p. 41.
Pshenichnikov, A.G. - Conversion of the chemical energy of fuel to electrical energy in fuel cells. p. 47.
Kirsanov, I.N. - Breakdowns of large turbogenerators in the United States. p. 51.
Draft of standards for planning medium-capacity heating and power plants. p. 53.
Shukher, S.M. - Plans for new and improved steam turbines. p. 58.
Kirsh, A.K. - Efficiency of a vapor-air cooler between the condenser and the ejector. p. 60.
Ukhobotin, M.A. - Thermal characteristics of the VPT-25-3 turbine installation manufactured by the Leningrad Metallurgical Plant. p. 61.
Galileeva, E.A. - Measuring temperature with a graphite-tungsten thermocouple. p. 62.
New books. p. 63.
Books in foreign languages. p. 64.

VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Ministerstvo transportnogo i tiazhelogo mashinostroeniia SSSR [Ministry of Machine Building for Transportation and Heavy Industry of the U.S.S.R.]. Moscow, vol. 36, no. 10, Oct. 1956.
Table of contents translated:
Automatization of manufacturing operations in the machine construction industry is the most important government problem. p. 3.
Pronin, B.A. - Slips in flat and V-belt transmissions. p. 9.
Diker, IA.I. - Toroid-disk gear drives. p. 13.
Smirnov, B.I. - Sleeve bearing with reduced thickness of babbitt layers. p. 17.
Khripunov, A.I. - Designing the central section of cam path for trimming tools in cold upsetting automatic machines. p. 19.
Golovko, V.N. - Testing pneumatic belt clutches. p. 22.
Kostetskii, B.I., Golego, N.L., Topekha, P.K. - Chemical analysis of surface layers of metals subjected to various types of wear. p. 25.
Ostrinskii, A.S., Rubinshtein, I.B. - New charging-discharging machines. p. 27.
Silaev, A.F. - Equipment for producing powdered metals from melts. p. 29.
Karpenko, G.V., IAtsiuk, A.I. - Effect of power cutting on steel endurance. p. 32.
Shnaiderman, I.IA. - Waviness of surfaces following threading by the vortex method. p. 35.
Chulkov, I.I. - Centering parts of three-jaw helical chucks using split sleeves. p. 39.
Goshin, S.A., Rudenko, IA.I. - Automatization of milling operations. p. 44.
Fishbein, G.L. - Universal pneumatic lever chuck. p. 46.
Frolov, V.N. - Hydraulic deep drawing of corrugations in hollow cylindrical workpieces. p. 51.
IUfa, E.P., Koretskii, G.I., Chernitskii, M.M. - Running-in journals of large shafts instead of grinding. p. 55.
Dubinin, G.N. - Mechanical properties of steel subjected to chromium saturation of the surface. p. 56.
Voskoboinik, S.L. - Electroplating radiator tubes with lead-tin alloys. p. 59.
Pisarevskii, M.M. - Ultrasonic machining of brittle metals. p. 60.
Ratner, M.L. - Specialization of factories within industrial branches. p. 65.
Nelidov, I.E. - Method for calculating the duration of manufacturing cycles in the machine building industry. p. 74.

Mansurov, A.M. - Modern automatic [illegible] equipment for annealing blanks to be [illegible]. p. [illegible]
Reviews:
Blizniuskii, A.S., Cherniavchevich, V.[illegible] "Handbook on materials for locomotive and [illegible] road-car construction." p. 85.
Neimark, M.E. - "Machine construction [illegible] book." p. 88.
Authors' abstracts. p. 90.
New books. p. 90.
Review of foreign periodicals. p. 93.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstva putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, Vol. 30, no. 10, Oct. 1956.
Table of contents translated:
Editorial: Over-all mechanization and automatic control in production processes are most important conditions for technical progress. p. 3
Zhilin, G.A., Malinov, M.S. - Important problems in prospective diesel locomotive construction. p. 5
Zhdanov, S.M. - Automatic and remote control in traction substations. p. 10.
Rakhmatullin, M.D. - Some problems in the [illegible] maintenance and repair of diesel locomotives. p. 12.
Gridiushko, V.I. - New developments in the organization of day-to-day freight car maintenance. p. 20
Change over to servicing freight cars with a [illegible] crew of two persons. p. 30.
Karetnikov, A.D. - Unused resources for increasing the commercial speed on single-track lines. p. 31
Shabalin, N.N. - Efficient use of [illegible] energy. p. 35.
Dolukhchev, L.R. - Improving the methods of increasing the handling capacities of stations. p. 38
Petrov, V.I., TSentin, S.S. - Economic development of the eastern regions and their transportation systems. p. 42.
Lin'kov, M.V. - Planning increased labor productivity in the transport industries. p. 49.
Dobrosердov, A.A., Strochkov, A.A. - Mechanical snow removal from switch boxes. p. 52
Varshavskii, A.V. - What track machines should be like. p. 60.
Ershkov, O.P., Molent'yev, L.P. [illegible]kov, M.S. New norms for constructing and maintaining [illegible] on the curved parts of tracks. p. 64.
Kut'in, I.M. - Dispatcher control of train movement. p. 69.
In the Collegium of the Ministry of Communications. p. 73.
Cherkashin, I.P. - Mechanized braking of railroad cars in hump yards. p. 75.
Shafit, E.M. - Measuring the speed of cars rolling down the hump by remote control. p. 76.
Saturnov, B.A. - New switch mechanism without balance. p. 77.
Politov, A.A. - Increasing the work efficiency of the gas generator diesel locomotive engine. p. 78
Fedotov, I.N. - Snow and track cleaning machines with overlapping conveyer. p. 80.
Medel', V.D. - The N8 electric locomotive [illegible] do not meet present requirements. p. 82.
Zizomskii, N.Z. - On specialization in railroad car depots. p. 82.
Popsuev, A.V., Tilichenko, A.G. - Production-laboratory base for scientific investigations. p. 84
Kalinin, S.S. - Results of operating electric locomotives on single-phase industrial frequency in France. p. 84.
Sharonin, V.S. - From the experience of Swiss railroads. p. 86.
Survey of foreign railroad journals. p. 92.
Filimonov, N.E. - Textbook on railroad cars. p. 95

## h) MINING & METALLURGY

AKADEMIIA NAUK URSR, Kiev. Institut chornoi metallurgii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Ferrous Metallurgy. Transactions]. Kiev, vol. 10, 1956. Prokatnoe proizvodstvo [Rolling mill practice.]
Table of contents translated:
Chekmarev, A.P., Chekhranov, V.D. - Calculating universal system grooves for rolling round sections. p. 3.
Chekmarev, A.P., Chekhranov, V.D. - Roll pass design and reduction system in cogging on blooming mills. p. 26.
Chekmarev, A.P., Moleshko, V.I. - Efficient pass designing for rolling round sections on small section mills. p. 44.
Klimenko, V.M. - Grip on the metal in rectangular grooves. p. 64.
Spiridonov, N.P., Spiridonov, O.N. - Plotting the velocity field of points of the center of deformation with the help of a coordinate net of a strip caught in the rolls during the process of ordinary rolling. p. 80.
Spiridonov, N.P. - Graphic analysis method of determining the arm of complete resultants on the diagram of specific radial pressure for smooth

roll rolling. p.104.
Dinnik, A.A. - Determination of the average specific pressure and plastic deformation in upsetting. p.116.
Dinnik, A.A. - Determination of the coefficient of external friction in upsetting by the method of inclined strikers. p.127.
Chekmarev, A.P., and others. - Oriented thermal equilibrium in plastic deformation. p.129.
Chekmarev, A.P., Vorotyntsev, IU.V. - Some results of timing by chronograph the work of blooming mill operators. p.138.

FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Ural'skii filial Akademii nauk SSSR [Ural Branch of the Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 3, no.1, 1956.
Table of contents translated:
Tiablikov, S.V. - Calculating the magnetization of ferrites in relation to temperature and magnetic field. p. 3.
Rezanov, A.I. - Steady state of electrons in a non-periodic field. p. 11.
Turov, E.A., Irkhin, IU.P. - Vibration spectra of ferromagnetic elastic media. p. 15.
Zil'berman, G.E. - De Haas- Van Alphen's effect for strongly coupled electrons in lattices. p. 18.
Sokolov, A.V., Shirokovskii, V.P. - Theory of groups and complete selection of physical magnitudes in quantum mechanics. p. 22.
Rodionov, K.P. - Effect of high pressure on the formal properties of solids. p. 26.
Mikriukov, V.E., Tiapunina, N.A. - Investigating the effect of temperature on heat conductivity, electric conductivity and heat capacity of bismuth, lead and bismuth-lead alloy systems. p. 31.
Dylgerov, V.D. - Powder method for the analysis of transformer steel crystals. p. 42.
Druzhinin, V.V. - Magnetic anisotropy constants for iron-silicon alloys. p. 47.
Dekhtiar, M.V. - Effect of ordering on the temperature dependence of the magnetic properties of iron-nickel-molybdenum alloys. p. 55.
Arkharov, V.I., Skiluev, V.P., Esin, V.O. - Temperature drop at the start of martensite transformation during the partial decomposition of austenite in bainite range. p. 62.
Taran, V.D., Skugorova, L.P. - Kinetics of growth of diffusion layers during the boron treatment of steel. p. 66.
Gruzin, P.L., Tiutiunnik, A.D. - Diffusion mobility of atoms during melting and recrystallization of metals. p. 70.
Arkharov, V.I., Bulychev, D.K. - Effect of high pressure on the recrystallization of copper. p. 76.
Sokolkov, E.N. - Effect of thermomechanical treatment on the cold brittleness of structural steel alloys. p. 79.
Rutinov, N.N., Shashkov, O.D. - Using electron microscope for investigating aluminum copper alloys subjected to aging and tempering processes at high temperatures. p. 83.
Svechnikov, V.N., Losnik, A.G. - Theory of the polymorphism of iron. p. 87.
Vul'f, B.K. - Classification of triple phases of metals. p. 97.
Rozhanskii, V.N., Gortunov, IU.V., Shchukin, E.D. - Investigating the staggered deformations by the method of electric conductivity. p. 113.
Vinogradov, L.N., IAgn, IU.I. - Laws of plasticity. p. 127.
Vinogradov, L.N., IAgn, IU.I. - Destructive testing of aluminum bronze specimens. p. 135.
Zaitsev, G.P., Bondarev, IU.E. - Temperature mosaics and sudden stresses of the second kind subjected to impact deformations of two-phase metals. p. 139.
Rauzin, IA.R., Zholozniakova, A.R. - Effect of grain size on the initial stage of plastic deformations of polycrystalline metals. Part I. Aluminum. p. 146.
Rauzin, IA.R., Zholozniakova, A.R. - Effect of grain size on the initial stage of plastic deformations of polycrystalline metals. Part 2. Iron. p.154.
Pashkov, P.O., Bratukhina, V.A. - Determining the cold brittleness tendency of structural ferrite steel based on tension tests of flat specimens. p. 162.
Panin, V.E. - Effect of friction of the end planes on the energy consumption in compression. p. 172.
Grin, A.V., Pavlov, V.A. - Internal friction in deformed alloys of alpha-aluminum-magnesium solid solutions. p. 179.
Kogan, Sh.M. - Interaction of spin waves with vibration of lattices. p. 180.
Kuprovskii, B.B., Gel'd, P.V. - Heat conductivity isotherms for silicon and its iron alloys at elevated temperatures. p. 182.
Gladkovskii, V.A. - Effect of hydrostatic pressure on carbon steel hardness. p. 183.
Rybalko, F.P. - Anisotropy of crystal growth rate. p. 184.
Rybalko, F.P. - Macromechanism of destructive tests. p. 185.
Korolevskaia, N.S., Mil'ner, A.S. - Magnetic properties of magnetite at low temperatures. p. 186.
Cherepanov, V.I., Pervushina, T.G. - Dispersion formulas used in the quantum optics of solids approaching strong coupling (case of monoclinic crystals). p. 188.
Startseva, I.E., Shur, IA.S. - Changes in the magnetic states of magnetically soft materials subjected to action of varying magnetic fields. p. 190.
Shur, IA.S., and others. - Using the powder method for investigating magnetization processes in high coercive manganese-bismuth alloys. p. 191.

Vol. 3, no. 2, 1956.
Table of contents translated:
Silin, V.P. - Theory of the collective description of interaction of electrons in solids. p. 193.
Zyrianov, P.S., Eleonskii, V.M. - Theory of interacting particles. p. 200.
Sokolov, A.V. - General phenomenological theory of magnetooptical phenomena in ferromagnetic substances. p. 208.
Kirenskii, L.V., Dylgerov, V.D. - Using motion-picture techniques for the investigation of the dynamics of domain structures in transformer steel crystals. p. 216.
Trakhtenberg, B.F. - Dependence of magnetic induction of hot-rolled transformer steel upon the thickness of the sheets in the strong field range. p. 222.
Mikheev, M.N., and others. - Magnetic properties of the ShKh15 chromium steel subjected to various heat treatment processes. p. 220.
Gertsriken, S.D. - The energy of vacancy formation in metals and alloys. p. 238.
Gertsriken, S.D., Dekhtiar, I.IA. - Diffusion of cobalt in cobalt-aluminum alloys. p. 242.
Santalov, F.A. - Effect of fusible metal additives on the elimination rate of the volatile constituents from solid solutions and on the structure of specimens. p. 247.
Arkharov, V.I., Bogoslovskii, V.N. - Structure of magnetite in reactive diffusion layers during the reduction of hematite. p. 254.
Arkharov, V.I., Kichigina, Z.P. - The texture of iron scale. Part 7. Texture characteristics in the intermediate temperature range. p. 269.
Noskov, B.M., Borisov, G.K., Shevnin, E.V. - Using diffusion techniques for investigating the elimination of martensite transformation traces during high temperature annealing. p. 278.
IUr'ev, S.F., Kusnitsina, Z.I. - Metallographic characteristics of structural steel in the state of reversible temper brittleness. Part 1. Microstructural investigation. p. 282.
IUr'ev, S.F., Kusnitsina, Z.I. - Metallographic characteristics of structural steel in the state of reversible temper brittleness. Part 2. Fracture-surface metallography. p. 292.
Kidin, I.N. - Inhomogeneity of the carbon content in martensite after hardening of steel specimens by high-frequency current. p. 299.
Kidin, I.N. - Relation of carbon content in martensite to the annealing parameters for steel specimens subjected to hardening by high-frequency current. p. 306.
Samsonov, G.V., Zhuravlev, N.N., Amnuel', I.G. - Physical and chemical properties of boron-carbon alloys. p. 309.
Trapeznikov, V.A., Nemnonov, S.A. - Analyzing the fine structure in X-ray absorption spectra for investigation of the binding forces in iron-molybdenum hard alloys. p. 314.
Khotkevich, V.I. - Limits of elasticity and plasticity of some metals at the temperature range of liquid helium. p. 321.
Rafalovich, TS.N. - Texture of the recrystallization of cold-drawn steel. p. 326.
Kurmanov, M.I. - Effect of deformation conditions on the tendency of steel to strain aging. p. 332.
Rybalko, F.P., Mirolliubov, G.V., Siutkin, N.N. - Relationship between cycle frequencies, deformation amplitudes and the maximum plasticity of metals and some alloys subjected to alternating torsion. p. 341.
Gur'ev, A.V. - Origin of elastic imperfections in polycrystalline alloys. p. 349.
Vasenin, F.I. - Purification of tellurium and antimony. p. 360.
Bondar', V.I. - Scale effect in investigating the process of friction and wear of metals. p. 363.
Kashcheev, V.N. - Wear of specimens made of same metals and subjected to mutual friction. p. 369.
Ovsienko, D.E., Sosnina, E.I. - Effect of the growth rate of aluminum single crystals on their mosaic structure. p. 374.
Drozhzhina, V.I., Fridman, L.A. - Using magnetometers with ferrocores for investigating the magnetic properties of small specimens made of soft magnetic materials. p. 383.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII MARKSHEIDERSKII INSTITUT (Trudy) [ALL-UNION MINE SURVEYING SCIENTIFIC RESEARCH INSTITUTE (Transactions)]. No. 30, 1956. Issledovaniia po voprosam markscheiderskogo dela [Studies on problems of mine surveying].
Table of contents translated:
Petukhov, I.A. - Shock bumps in one of the mines in Central Asia. p. 3.
Matveev, B.V. - A new instrument, the DT mine tensometer. p.17.
Petukhov, I.M. - Working coal pillars in shock-bump hazardous areas of the Kizel Basin mines. p. 36.
Korotkov, M.V. - Correlation between ground deformation and deformation of structures being undermined. p. 49.
Muller, R.A. - Design of structures considering irregular settling due to rock displacement. p. 80.
Orlovskii, S.V., Sulidi, L.S. - Graphic representation of coal mining operations and drawing instruments for affine transformation. p.135.
Osetskii, A.I. - Index of prospecting point density in conformity with the characteristics of the mineral deposit under investigation. p.146.
Kriakunov, N.A. - Plumb line behavior in mines. p.164.
Fedorovskii, A.A. - Trigonometric method of surveying large boreholes. p.195.
Senkov, A.M., Shakhnov, I.I. - New method for designing improved diaphragm dynamometers. p. 210.
Gleizer, M.I. - Remarks on determining the weight and volume of stock piles of coal in mines. p. 214.
Gelashvili, G.M. - Auxiliary tables for correcting length-incline readings. p. 221.
Skiba, P.V. - Suspension of centering and directional plumb bobs in underground theodolite surveys. p. 226.

LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Ministerstvo avtomobil'nogo, traktornogo i sel'skokhoziaistvennogo mashinostroeniia SSSR and Vsesoiuznoe nauchnoe inzhenerno-tekhnicheskoe obshchestvo litеishchikov [Ministry of Automobile, Tractor, and Agricultural Machine Building of the U.S.S.R. and All-Union Scientific Engineering Society of Foundrymen]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
Shub, I.E., Kantor, P.I. - Tar and sand mixtures for molds and cores. p.1.
Dodin, IA.L. - Automatic production of foundry molds in English plants. p.5.
Liass, A.M., Medvedev, IA.I., Smulova, L.D. - A powdered bakelite substitute used as shell molds. p.10.
Barinov, N.A., Marcev, D.I. - Efficient use of clay in molding mixtures. p.13.
Grachev, V.A. - Small-scale mechanization in foundries. p.15.
Kuprovskii, B.B., Gel'd, P.V. - Thermal conductivity and temperature diffusivity in cast iron. p.16.
Guliaev, B.B., Demina, L.G. - Control of castings by means of radioactive isotopes. p.18.
Vinnichenko, P.G. - Effect of the technology of carburizing smelting on the macrostructure of steel castings. p. 21.
Dubrovskii, A.M. - Deformation of sand molds in the process of casting steel. p. 22.
Shkundin, R.M. - Efficient use of the capacity of electric arc furnaces. p. 26.
Moskovtsev, F.I. - Combination stopper nozzle. p. 27.
Libman, I.IA., Kharin, I.V. - Casting of abrasive wheel dressers. p. 27.
Budnevich, V.A. - Automatic hydraulic drive for shifting cores used in pressure casting. p. 28.
Dudnikov, I.A., Durnev, N.I. - Automatic molding mix loading into measuring hoppers. p. 28.
Guliaev, B.B., Gorlunov, I.I. - Collected works on "Heat treatment and properties of steel castings." p. 29.
Magnitskii, O.N., Postnov, L.M. - Conference on problems of metal solidification. p. 30.
Romanovskii, N.T. - Precision casting using glass coated investment patterns. p. 32.
Goftman, M.V., Butorin, V.I. - Letter to the editor. p. 32.

No. 10, Oct. 1956.
Table of contents translated:
Levi, L.I. - Use of oxygen in iron founding. p.1.
Gorshkov, A.A., Korotkov, V.G. - Simultaneous modification and degassing of aluminum alloys. p. 6.
Fuklev, V.A., Grakhov, L.K. - Overheating of low Bessemer steel. p. 9.
Smirnov, F.I. - Obtaining overheated cast iron in cupola furnaces with magnesite lining and preheating of the blast. p.10.
Kotovshchikov, A.A. - Pneumatic molding machine with the "Takkon" membrane system. p.13.
Malashenko, S.V., Todorov, R.P. - Device for investigating linear shrinkage in metals. p.14.
Militsyn, K.N. - Methods of studying gating systems. p.17.
Vashchenko, K.I., Todorov, R.P., Varenik, P.A. - Hardness and microhardness of ferritic cast iron. p.19.
Fridliander, I.N. - Study of light crystallites in continuously cast aluminum alloy ingots. p. 23.
Presniakov, A.A., Novikova, L.M. - Determining the mobility (fluidity) of metals. p. 26.
From industrial practices:
Rutman, M.M. - Liquid glass as a method to prevent excessive shrinkage of iron castings. p. 29.
Stepnev, A.A. - Drying the mold in sand casting. p. 30.
Lashko, N.F., Lashko-Avakian, S.V. - Summary of the conference on hot cracks in welded joints, castings, and ingots. p. 30.
Girshovich, N.G. - The shape of head metal. p. 32.

B 16h

MASTER UGLIA [MASTER OF COAL]. Issued by Ministerstvo ugol'noi promyshlennosti SSSR [Ministry of the Coal Industry of the U.S.S.R.]. Moscow, vol. 5, no. 8, Aug. 1956.

Table of contents translated:

Glory to Soviet miners. p.1.
Epov, F. - We celebrate our holiday joyfully. p.3.
Petrov, L. - The record of Kuznetsk Basin miners. p.3.
Kavun, P. - Do well-coordinated steady work. p.4.
Pavlenko, A. - Creative work of miners. p.5.
Mar'iasov, A. - Miners' towns grow and improve. p.5.
Akushko, M. - First year's work in a coal mine. p.6.
Ryndova, A. - Be proud of your occupation. p.7.
Dedok, A. - Great changes. p.7.
Prilipko, G. - On thin seams. p.9.
Tarasiuk, A. - At home. p.9.
Grebenchukov, V. - A happy old age. p.10.
Bezhin, P. - An early fulfillment of the plan. p.10.
Popov, S. - Our requirements. p.11.
Derliuk, A. - Greater attention to satisfying the needs of miners. p.12.
Kudriavtseva, O. - The miner's home should be comfortable and beautiful. p.13.
Ukrainskii, V. - Youth builds. p.14.
Aleksandrov, I. - On the road to complex mechanization. p.16.
Levitin, IA. - The Nuzhdikhin family and others. p.19.
Trofimova, I. - A Polish miner, Marian Pszebytynski. p.22.
Sharovatov, B. - Guests of friends. p.24a.
In honor of the Spartakiada of the peoples of the U.S.S.R. p.27.
Skill of athletes increases. p.27.
Striving for the championship. p.27.
Moscow Basin soccer players. p.27.
Winners of the marathon. p.27.
Introducing advanced methods of machine builders. p.28.
Innovators methods in action. p.28.
First hydraulic systems in Karaganda mines. p.28.
Competition between Ukrainian and Georgian miners. p.29.
Tunneler and social worker. p.29.
New boring bits. p.29.
Correspondence of friends. p.29.
Without a break in production. p.30.
In a workers' settlement. p.30.
Angren to-day and yesterday. p.30.
Book lovers. p.30.
Young miners' daily rest. p.31.
Twenty-five years of a mining school. p.31.
Private libraries. p.31.
Among shrubs and flowers. p.31.
In leisure hours. p.32.

METALLOVEDENIE I OBRABOTKA METALLOV [METALS AND TREATMENT OF METALS]. Organ of Ministerstvo tiazhelogo mashinostroeniia and TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia [Ministry of Heavy Machine Building and the Central Scientific Research Institute of Technology and Machine Building]. Moscow, no. 9, Sep. 1956.

Gel'man, A.S., Slepak, E.S. - Resistance welding of tubes in superhigh parameter boilers. p.41.
Kogan, M.G. - Thermal conditions in the induction heating of metals worked by pressing. p.49.
Working stainless steels at sub-zero temperatures. p.57.
Gudtsov, N.T., Bernshtein, M.L. - Review of the book "Tool steels" by IU.A. Geller. p.58.
Academic dissertations. p.60.
From pages of foreign journals. p.61.
New books. p.64.

No. 10, Oct. 1956.

Table of contents translated:

Pevzner, L.M., and others. - Intermediate austenite transformation. p.2.
Entin, R.I. - Pearlitic transformations in alloyed steel. p.20.
[illegible]ia, E.A., Kestel', L.P. - Gas corrosion [illegible] high temperatures. p.29.
[illegible]h of commercial titanium
[illegible]sible temper brittle- 37.
[illegible].A. - Welding of austen-
[illegible]deformation rate on eel. p.57.
[illegible]. p.64.
[illegible]nslated;
[illegible]onding member of the U.S.S.R., I.A. Oding.
[illegible]rmation in alloyed
[illegible]feat-resistant chromi- [illegible]ine parts working at .10.
[illegible]d modern carbon
[illegible]rtain alloying elements [illegible]ard temper brittle-
[illegible]M. - Increasing con- [illegible]plates by surface

METALLURG [METALLURGIST]. Issued by Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

For concerted action of efficiency experts. p.1.
Migutskii, L.R. - Production of fluxed sinter cake made of fine concentrates. p.5.
Bosiek, A.M. - Rapid method of rebuilding a blast furnace. p.7.
Dunaev, N.E., Troskunov, IA.L. - T.I.Gapon's work methods in blast furnace operation. p.10.
Kablukovskii, A.F. - Lowering the cost of smelting electric steel. p.14.
Baranov, P.M. - Work organization in the brigade. p.18.
Rokhlin, N.A. - Increasing ladle durability. p.19.
Snezhko, P.F. - Using aluminum dust for smelting iron titanium. p.21.
Aristov, G.G., Panfilov, M.I. - Unburned chrome-magnesite brick. p.22.
Okhrimovich, B.P. - Compact-grained chrome magnesite bricks. p.23.
Margulis, O.M., Gin'iar, E.A., Liashenko, S.V. - Unburned kaolin bricks. p.25.
Dubrov, N.F., Zykov, G.A., Koroleva, V.A. - Improved annealing of electrical steel. p.27.
Orel, S.P. - Improving the technology of cooling and straightening of channel iron. p.28.
Cherniavskii, IA.M. - Improving the design of heating furnaces. p.31.
Emel'ianova, A.M. - Production of carbonated water for heat treatment plants. p.32.
Svets, V.E., Zamkovskii, V.R., Shapiro, L.V. - Conference on the preparation of metal for rolling and finishing of the rolled shapes. p.36.
Robustov, A. - Conference of efficiency workers employed by Ukrainian iron and steel metallurgical plants. p.39.
Preliminary working of cast iron. p.40.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT CHERNOI METALLURGII. Institut stali. Sbornik trudov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF FERROUS METALLURGY. Steel Institute. Collected Papers]. No. 13, 1956. Proizvodstvo stali s primeneniem kisloroda [Use of oxygen in the production of steel].

Table of contents translated:

Preface. p.4.
Bardin, I.P. - Oxygen in the metallurgy of steel. p.5.
Voskoboinikov, V.G. - Use of oxygen in steel smelting. p.12.
Sevruk, B.V. - Open-hearth scrap metal process of steel production using oxygen. p.16.
Sevruk, B.V., Leskov, A.V., Marakhovskii, I.S. - Use of oxygen in the current production of the "Zaporozhstal'" open-hearth furnace plant. p.38.
Trubetskov, K.M., Men'shikov, R.I., Kornfel'd, V.N. - Intensification of the scrap metal process by feeding oxygen into the flame jet. p.56.
Perevalov, N.N., Kharitonov, A.S. - Intensification of the final melting. p.109.
Trubetskov, K.M., Stupar', S.N. - Radioactive isotopes for investigating the steel desulfuration process. p.127.
Kriakovskii, IU.V. - Dust formation during the scrap metal process. p.142.
Ivantsov, G.P., Sobakin, M.P., Chistiakov, V.S. - Best thermal conditions for smelting using oxygen. p.153.
Mitrofanov, A.A., Cherkashina, N.P., Volkova, M.A. - Quality of 08Kp basic open-hearth steel smelted with use of oxygen at the "Zaporozhstal'" plant. p.171.
Sel'kin, G.S. - Oxygen feeding methods for the direct oxydation of addition elements in open-hearth furnace baths. p.182.
Ivantsov, G.P., Sobakin, M.P. - Hydraulic model for investigating various methods of injecting oxygen to the flame jet in open-hearth gas furnaces. p.207.
Mozgovoi, N.I., and others. - Developing an oxygen-using converter process for open-hearth cast iron. p.228.
Sobkin, S.I. - Oxygen blasting of Khalilovo-type synthetic cast iron in a basic converter. p.300.
Bokshitskii, IA.M. - Use of oxygen in transformer steel smelting. p.340.
Gnuchev, S.M. - Behavior of oxygen in an electric furnace bath in the process of metal smelting by oxygen blasting. p.354.
Pupteev, S.A. - Oxygen station at the "Zaporozhstal'" plant. p.368.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGO-RAZVEDOCHNYI NEFTIANOI INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM GEOLOGY AND PROSPECTING. Transactions]. No. 6, 1955. Voprosy stratigrafii i litologii verkhnego paleozoia i mezokainozoia Russkoi platformy i Severnogo Kavkaza [Problems of stratigraphy and lithology of upper Paleozoic, Mesozoic, and Cenozoic deposits of the Russian Platform and the Northern Caucasus].

Table of contents translated:

Il'ina, N.S., Elina, L.M., Frukht, D.L. - Geological structure of Gorkiy Province and adjacent regions. p.3.
Semikhatova, S.V. - Tournaisian deposits in the Lower Volga Valley, Donets Basin, and northeastern Dnieper-Donets Lowland. p.12.
Gorbunova, L.I. - Lithology of the lower Cretaceous deposits in central and northern Bashkiria. p.25.
Egorova, V.E. - Lower Sarmatian deposits of the Odessa District. p.97.
Egorova, V.E. - Mactra avida Kolen. from the upper Sarmatian deposits of Mangyshlak Peninsula. p.103.
Steklov, A.A. - Mollusk fauna from the Neogene [illegible] well of Vyselki. p.109.
Mordvin, N.I. - Geologic and economic problems of the petroleum industry in the works of Academician I.M. Gubkin. p.145.
Khanin, A.A. - Determining the degree of water saturation and effective porosity of sands. p.153.
Borisov, N.V., and others. - Hydrogen in marsh and other gases. p.165.

MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOGENNOI OBRABOTKI METALLOV, Rukovodiashchie materialy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AUTOGENOUS WORKING OF METALS. Instructions]. No. [illegible], 1953.

Title translated:

Machines for oxygen cutting. 121 p.

Title transliterated: Mashiny dlia kisl[illegible] rezki. 121 p.

No. 7, 1955.

Title translated:

Flame brazing of metals. 70 p.

Title transliterated: Gazoplamennaia payka metallov. 70 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO STROITEL'STVU OB"EKTOV NEFTIANOI I GAZOVOI PROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR CONSTRUCTION IN PETROLEUM AND GAS INDUSTRIES. Transactions]. No. 7, 1956. Svarka v neftianom stroitel'stve [Structural welding in the petroleum industry].

Table of contents translated:

Preface. p.3.
Mazel', A.G., Vasil'kov, B.P. - Automatic flux techniques used for welding rusty metals. p.5.
Krzhechkovskii, A.K., Ivanov, V.M. - Welding of tank roofs to the bracing with an electric riveting machine. p.15.
Mazel', A.G., Rogova, E.M. - Chemical composition and properties of the joint metal in welding [illegible] carbon steels under flux. p.18.
Popugaev, N.D. - Automatic machine for welding horizontal seams on the shell of a cylindrical tank. p.33.
Fal'kovich, A.S. - Defects in welded cylindrical tanks and measures to increase the safety of their use. p.39.
Anuchkin, M.P. - New brands of steel for the manufacture of large-diameter petroleum gas pipes. p.51.
Kisliuk, F.I. - The use of resistance butt welding in petroleum engineering. p.65.
Fal'kovich, A.S., and others. - Developing and investigating a magnetographic method used for the quality control of welded joints. p.75.
Livshits L.S., and others. - Welding 12Kh5MA steel pipes. p.86.
Livshits, L.S., Chushonkova, M.IA. - Welding of pipes made of 12Kh5MA steel substitutes not containing molybdenum. p.98.
Livshits L.S., and others. - Arc welding of high-pressure pipelines. p.108.
Kisliuk, F.I. - The study of resistance butt welding of pipes made of 12Kh5MA chromium-molybdenum steel and 1 Kh18N9T chromium-nickel steel. p.124.

No. 8, 1956. Zashchita stal'nykh truboprovodov ot korrozii [The protection of steel pipelines from corrosion].

Table of contents translated:

Preface. p.3.
Zhukov, V.I., Kozlovskaia, A.A. - Improving of bituminous insulation coatings. p.5.
Zhukov, V.I., Kozlovskaia, A.A. - Bitumen and rubber insulation of pipelines. p.18.
Zhukov, V.I., Kozlovskaia, A.A. - Electrometric method of determining the protective capacity of bituminous insulation coatings. p.34.
Andreeva, E.A., and others. - Effect of a superimposed continuous current on the bituminous coating of steel pipelines. p.52.
Kuprelanov, K.N. - The use of ground treated with black binders for the protection of tank floors from subsurface corrosion. p.81.
Glazkov, V.I., Kotik, V.G., Doroshenko, P.V. - Electric means of protection of main pipelines from subsurface corrosion. p.97.
Kotik, V.G., Glazkov, V.I. - Protection of main pipelines from corrosion caused by currents from

continuous current transmission lines. p.124.
Glazkov, V.I. - Measuring the current intensity in pipelines by the compensation method. p.140.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Ministerstvo neftianoi promyshlennosti SSSR [Ministry of the Petroleum Industry of the U.S.S.R.]. Moscow, vol. 1, no. 7, July 1956.
Table of contents translated:
Our tasks in storing petroleum and petroleum products. p.1.
Appeal of geologists and petroleum workers participating in a conference, to all workers in the petroleum and gas industry of the U.S.S.R. p.4.
Zhelezniak, A.P. - How we are reducing auxiliary operations in drilling. p.5.
Grigorian, A.M. - Multiwell penetration of pools. p.7.
Mitin, N.E. - Using heavy clays in core drilling. p.10.
Abdullin, R.A. - Using injection wells. p.11.
Skurko, R.I. - Production of aluminum silicate bead-type catalysts at the Novokuybyshevsk Catalyst Plant. p.14.
Prigornev, I.G. - Operation of catalytic cracking plants during an extended run between maintenance periods. p.16.
Vybornykh, S.F. - Controlling hydraulic fracturing of oil sands by means of tagged atoms. p.19.
Niiazov, N.M. - Progressive method for restoring inactive and depleted wells. p.24.
Zakhar'iants, M.S., Garan, N.A. - Device for eliminating "dead residue" from storage tanks. p.27.
Burmakin, A.V. - New differential manometer. p.29.
Sverbil', P.T. - Automatic control of the level in a cracking installation condenser. p.20.
Scientific research institute in the Tatar A.S.S.R. p.31.
Krasnov, A.P. - Gas torches shall be extinguished. p.31.
Belov, V.N. - Courses for industrial plant school managers. p.32.
Bekov, E.A. - Pages from the past. p.32.
Slatkina, E.F. - Petroleum workers of the Tatar A.S.S.R. are preparing for the Spartakiada of the peoples of the U.S.S.R. p.33.
Murav'ev, V.M. - Answers to questions. p.34.
Mukharliamov, IU.M. - Petroleum workers of India are fighting for trade-union unity. p.35.

Vol. 1, no. 8, Aug. 1956.
Table of contents translated:
We shall give the country more oil. p.1.
Salikhov, I.S. - Ways and methods for saving reagents. p.4.
Rakhmilevich, R.Z. - What is delaying mechanization of maintenance operations in petroleum refineries? p.7.
Karamyshev, M.S., Gromenko, V.M., Izriumov, N.V. - Why isn't the capacity of the Novokuybyshevsk refinery fully utilized? p.10.
Smirnov, A.A. - Experience of an instruction group. p.11.
Krumin, B., Shakov, G. - Improve the quality of joints for pump rods. p.13.
Semkin, V.P. - The AD-15M mechanism for screwing and unscrewing pump and compressor tubing. p.15.
Malevanskii, V.D. - Testing the production string for airtightness. p.19.
Alekseev, L.G. - New design for the union of a plunger with the coupling rod of piston pumps. p.22.
Sevost'ianov, S.I. - Suspended packer. p.23.
Iskenderov, E.G. - Struggling with iron packers in compressor wells. p.24.
Sverbil', P.T. - Intensifying the liming process of boiler water by means of a reactor. p.27.
Chernlaev, G. - All-Union conference of workers on oil production. p.28.
Lalnev, M.I., Rinbchinskii, IU.V. - A 4250-meter-deep well. p.29.
Krasnov, A. - In a new oil field. p.32.
Zabrodin, A.N. - The Baku automobile repair shop sends out jobs containing flaws. p.33.
Krasnov, A. - The first completed section of the sixth five-year plan. p.34.
Kukushkin, V.I. - Amateur performances of petroleum workers. p.34.
Crossword puzzle. p.36.

Vol. 1, no. 9, Sep. 1956.
Table of contents translated:
Tasks facing pipeline transportation. p.1.
Korotkov, P.I. - Obtaining a wide variety of lubricating oils from eastern sulfurous petroleums. p.3.
Brovko, V.N. - Improved system of preheating petroleum in thermochemical salt-eliminating installations. p.6.
Filatov, B.P. - Automatic control of the level in auxiliary condensers. p.7.
Bernadiuk, Z.A. - Percolation refining of paraffin slack wax before removing oil from it. p.8.
Grokhov, E.V. - Results of pipeline transportation of paraffin base oils. p.9.
Khar'kov, V.A. - Extracting damaged casing from wells by unscrewing its sections. p.12.
Farkhutdinov, A.S. - New method for cementing oil wells in connection with major repairs. p.17.
Mariampol'skii, N.A., IArov, A.N., Goncharov, N.N. - Using oil-base drilling fluid in well drilling. p.19.
Daneliants, S.M. - Boltless connection of brake shoes and bands for draw works. p.21.
Orlov, I.V. - Methods of determining the economic results of efficiency promotion and inventiveness. p.23.
Sharipov, A.Kh. - Relations between oil fields and petroleum equipment supply shops. p.29.
Sharudin, I.P. - Mechanical cutting of cartograms. p.30.
Shelepin, M.N., Petrov, N.N. - Semiautomatic control stations in oil fields. p.31.
Sakharov, Z.A. - Discovered free-flowing gas wells. p.32.
Rzaev, Z.A. - In Krasnokamsk. p.34.
Second plenum of the Central Committee of Trade Unions of Petroleum Industry Workers. p.36.

Vol. 1, no. 10, Oct. 1956.
Table of contents translated:
Pay more attention to automatization. p.1.
Simaev, M.M., Kirillova, V.M. - Redesign of a pressure-vacuum pipe still. p.4.
Patslorin, A., Al'tshuller, G. - Rapid repair of a cracking plant. p.6.
Vlasov, N.E. - Utilize labor force efficiently. p.9.
Basharat'lan, IA.S. - Effective method for combating pollution of water basins having significance in the national economy. p.12.
Ol'shtein, A.A. - Effect of drilling fluid, treated with an alkaline carbonate extract, on the hardening period of cement in deep wells. p.14.
Maevskii, V.IA., Tverskoi, I.Sh. - Problems of new technology in petroleum storage. p.17.
Paleshkin, A. - Results of the All-Union Socialist Conference of Petroleum Workers. p.19.
Egorov, I. - The electric drill has demonstrated a speed of 3726 meters per rig per month. p.22.
Kirichek, F.P. - Improve the design of the drill bit feed mechanism. p.23.
Tkulenev, V.G., Chernenko, S.A. - The operation and effectiveness of AUS-3. p.24.
Salikhov, I.S. - Broad use of progressive technology in refineries. p.27.
Aliev, D.A. - Efficiency promotors of the Budennyi Petroleum and Gas Refinery. p.29.
Varshaver, E.M., Bernadiuk, Z.A. - Calculating the cost of petroleum products. p.31.
Lobkin, A.N. - Machine removal of anticorrosive material from B2-300 diesel engines. p.32.
Kvashenlnnikov, A. - Youthful crews in Azerbaijan. p.33.
Strom, D. - Young specialists are going eastward. p.34.
Conference on automatization of industrial processes in the petroleum industry. p.35.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Ministerstvo neftianoi promyshlennosti [Ministry of the Petroleum Industry]. Moscow, vol. 34, no. 10, Oct. 1956.
Table of contents translated:
Berzhets, G.N. - Standard series of drilling rigs. p.1.
Shan'gin, A.N. - Deflectors of the Groznyy Petroleum Research Institute used for turbodrilling. p.7.
Ganelina, S.A. - Gas cyaniding of turbodrill disks. p.12.
Egorov, L.N. - A-shaped rig with a 200-ton-load capacity. p.15.
Salimzhanov, E.S., Gombiner, B.IA, Abdullin, R.A. - Effectiveness of submersible electric-driven centrifugal pumps in the Tuymazy oil fields. p.17.
Maksimov, M.I. - Some problems of central intraboundary flooding. p.22.
Shchelkachev, V.N. - Observations on the method of planning oil well spacing. p.27.
Riabukhin, G.E., Nesterov, I.I. - Tectonics and the possible oil- and gas-bearing capacity of Mesozoic deposits in the northern buried folded region of Kazakhstan. p.32.
P'iankov, N.A. - Regularities of changes in petroleum properties of the Kama Valley. p.41.
Kostrin, K.V. - Improving the waste control and trapping operation in refineries. p.46.
Verigin, N.N., Rodziller, I.D. - Separation of oil and water by filtration. p.52.
Perevalov, V.G. - Separating petroleum from effluent water by flotation. p.57.
Bunchuk, V.A., But, P.P. - The state and methods for improving storage facilities. p.59.
Beloglazov, M.M. - How we attained a pace of 3388 meters per standard month. p.64.
Kudriavtsev, N.A. - The collected work "Origin of petroleum." p.67.
New books on petroleum. p.72.

OGNEUPORY [REFRACTORIES]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 21, no. 6, 1956.
Table of contents translated:
Vinokur, S.B., Mitrokhina, N.S. - Production of chrome-magnesite crown refractories at the K.Marx Panteleymonovka plant. p. 241.
Kukolev, G.V., Vasil'eva, K.F. - The life of linings in steel-pouring ladles. p. 247.
Margulis, O.M., Karaulov, A.G. - Using the method of tagged atoms to determine the effect of refractory materials on the occurrence of nonmetal inclusions in steel. p. 253.
Gubko, I.T., Satanovskii, P.L. - Converting chamber kilns from solid to gas fuel. p. 259.
Ol'khovskii, I.A. - Choosing refractories for rotary furnaces for the direct reduction of iron. p. 264.
Solomin, N.V., Galdina, N.M., Lapin, V.V. - Microstructure of electrically melted baddeleyite corundum refractories before and after service in glass furnaces. p. 268.
Ogarkov, A.F., Mamykin, P.S. - Instrument for determining the elastic expansion of pressed refractories. p. 274.
Kotesnik, M.I., Ignatov, V.F. - Automatic powder level indicator for storage bins. p. 276.
Fel'dman, B.S. - Table electromagnetic rammer. p. 278.
Sinlanskii, V.I., Solomon, L.E., Bertseller, A.S. - Manufacture of forsterite clinkers in rotary kilns. p.280.
Glebov, S.V. - Abstracts. p. 285.
Bibliography. p. 287.

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 22, no. 7, July 1956.
Table of contents translated:
Gzovskii, M.V. - Mechanisms in the formation of complex tectonic profiles. p.1.
Krasnikov, V.I. - Results of the all-Union conference on geochemical methods of prospecting for ore deposits. p.15.
Grlaznov, N.K. - Some problems involved in methods used for oil pool prospecting. p. 25.
Kostenko, N.N., Proskurin, N.V., Chebdarov, N.M. - Using helicopters for geological surveying and prospecting. p. 32.
Karandeev, K.B., and others. - The ESK-1 electrical prospecting automatic compensator with direct reading. p. 39.
Bazhenov, A.S., Zhuravlev, V.V. - New electrical prospecting apparatus for work based on the intensity method. p. 49.
Prokhorov, S.P., Skvortsov, G.G. - Determining the degree and thickness of karst formation in geological prospecting operations. p. 55.
Abel'skii, M.E. - Circulation technique for pouring over the compensating fluid in the SN-3 gravimeter. p. 60.
Krasulin, V.S. - Conference of geophysicists of the Ministry of Geology and Conservation of Mineral Resources of the U.S.S.R. p. 62.

Vol. 22, no. 6, Aug. 1956.
Table of contents translated:
Utilize geophysical methods to a greater degree. p.1.
Konlukhov, I.A. - Bituminosity of Mesozoic deposits of Daghestan. p.5.
Sharkov, IU.V. - Peculiarities of conducting trace-metal prospecting under varying natural conditions. p.15.
Golubintsev, O.N. - Principles of the kinematics of a core bit. p. 22.
Kostamanov, G.M. - Errors in determining the thickness of a coal bed by means of boreholes. p.30.
Sharapov, I.P. - Errors in determining the thickness of coal beds by means of boreholes. p.33.
D'iachkova, A.I., Soltogub, V.B. - Tracing faults by the seismic method using reflected waves in the outer zone of the Carpathian piedmont fault. p.37.
Barenblatt, G.I., Shestakov, V.M. - Determining the filtration coefficient and active porosity on the basis of wetting down dry ground underlain by a horizontal waterresistant layer. p.43.
Avrov, P.IA., Dal'ian, I.B. - Using applied geophysics in drilling for water by the rotary drilling method. p.47.
Ikonnikova, Z.I. - Titanium ore province of North America. p.50.
Shatskii, N.N., Pavlovskii, E.V. - Academician Vladimir Afanas'evich Obruchev; obituary. p.61.

Vol. 22, no. 9, Sep. 1956.
Table of contents translated:
Bogatskii, V.V. - Origin of skarn formations such as the Irba group of iron ore deposits. p.1.
Konzin, I.A. - Factors of the local development of zones of intraformational granulation of limestones such as an ore region of northern Kirghizia. p.9.
Rura, D.M. - Economic principles applied to the determination of marginal metal content in ore deposits. p.18.
Senderzon, E.M. - Stages of coal geological prospecting work in the Kuznetsk Basin. p.25.
Kozorenko, V.N., Mushnikov, A.F. - Correlations between prospecting and large-scale geological surveying in closed regions and the complexity of geological structures. p.30.
Demidovich, O.A. - Application of electrical methods to prospecting for fresh waters in semiarid regions. p.34.
Chapovskii, E.G. - Some results of the scientific and practical work of hydrogeological stations and future trends of their activity. p.44.
Zhavoronkov, P.D. - "Delays" of instruments in deflected boreholes. p.52.
Rafienko, I.I. - Protecting drill pipes against wear. p.53.
Bolotnikov, D.P. - Mobile apparatus for preparing drilling fluid. p.54.
Meerson, V.G. - The most recent foreign innovations in the field of drilling. p.57.
Tarkhov, A.G. - Review of collected articles on "Geophysical prospecting methods." p.60.

B 16h

REFERATIVNYI ZHURNAL: METALLURGIIA [JOURNAL OF ABSTRACTS: METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 11, Nov. 1956.

Contents:

[Abstracts] Referaty 11466-13177. 231 p.

No. 12, Dec. 1956.

Contents:

[Abstracts] Referaty 13178-14957. 249 p.

STAL' [STEEL]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 16, no. 9, Sep. 1956.

Table of contents translated:

Gruzinov, V.K. - Movement of the charge column in the blast furnace. p.771.

Kramnik, T.A., Sorokin, A.A. - Experiments in burning limestone in the sintering plant. p.774.

Chel'tsov, IA.F., Dubrovin, G.A. - Graphic analysis of curved discharge bridges for blast furnaces. p.777.

Trubin, K.G. - Advantages of tilting open-hearth furnaces as compared to stationary hearths. p.780.

Garbuz, G.A. - Over-all automatization of open-hearth furnace plants. p.782.

IAvoiskii, V.I., Chernega, D.F. - Migration of hydrogen in solidified steel under the influence of an electric field. p.790.

Ivan'ko, V.F. - "Dead and "wild" phases in electric arc furnaces. p.794.

Lipovetskii, I.A., and others. - Utilization of mechanized coolers in section rolling mills. p.798.

Merekin, B.V. - Rolling of rails. p.803.

Korobochkin, I.IU. - Improving the kinematics of mills for cold pipe rolling. p.806.

Gol'dshtein, M.I. - Occurrence of flaky fracture in steel. p.809.

Dubrov, N.F. - Vacuum annealing of hot rolled electric steel. p.811.

Gurevich, IA.B. - Anisotropy of the mechanical properties of steel ingots smelted and cast in vacuum. p.815.

Burdakov, D.D., and others. - Ways to expand old plants in the Urals. p.818.

Tufenkov, K.I., Zlotnikov, M.I., Bobyleva, S.F. - Mechanical properties of work-hardened steel wire. p.821.

Taits, N.IU., Kheifets, G.N., Tov, V.B. - Continuous rapid heating of pipes prior to reduction. p.826.

Gvozdev, V.S., El'iasberg, S.E. - Rebuilding of old dams serving metallurgical plants in the Urals. p.831.

Khokhlov, E.A. - Electrification of railroad transportation in iron and steel plants. p.835.

Evaluation of steel sheet quality according to the structure of a fracture. p.842.

Distribution of the metal in buckets when teeming into twin runners. p.844.

Replacing machine beds and roller bearings by tilting open-hearth furnaces. p.845.

Hoppers for charging loose materials into open-heart furnaces. 845.

Efficient way of detaching the gating from sheet ingots. p.847.

Modernization of gear cages on rolling mills. p.849.

Research work at the Stalinsk plant. p.851.

Materials for regenerator checkers in open-hearth furnaces. p.853.

Vacuum degassing of steel in the production of large forgings. p.854.

Improvement of converter plants operated by using pure oxygen. p.858.

Effect of vacuum smelting on the properties of metals. p.858.

Review of the book "Pipe rolling processes" by N.F. Ermolaev. p.861.

Review of the book "The '1000' blooming mill" by A.A. Korolev and others. p.863.

Kosminskii, B.M. - Coal mining in the German Federal Republic. p.41.

Scientific and technical conference on mechanized timbering of longwalls in the Moscow Basin. p.46.

Efremov, L.A. - Scientific and technical conference on short delay action blasting. p.47.

Budnitskii, I.M. - Valuable and useful publication. p.48.

Vol. 31, no.10(367), Oct. 1956.

Table of contents translated:

For further improvement of the Donets Basin coal mining industry. p.1.

Kagan, F.IA. - The progressive rapid mining practices of the Moscow Basin mining brigades should be communicated to all basins. p.4.

Lipkovich, S.M. - Determining the most advantageous dimensions of the extraction field on the strike. p.11.

Shushkov, A.M. - Working seams above existing mines in the Donets Basin. p.15.

Belinskii, I.L. - Relation between drift timbering costs and their cross-sections. p.20.

Sal'skii, D.L. - Supporting empty blind passes in the back of longwalls using the pillar mining methods. p.22.

Garkavi, S.M., Braitsev, A.V., Voinik, I.A. - Importance of hard headings and drainage shafts in the safety of haulage drifting along seams where sudden coal and gas outbursts are likely to occur. p.23.

Ivanov, N.I. - Time-consuming tasks and labor productivity of shaft sinking dependent upon the cross-sectional area and the VV cartridge diameter. p.26.

Rodbort, S.S., Kostiuk, N.E. - Analysis of the performance efficiency of coal cutter loaders with lengthened bars as used in the Donets Basin mines. p.28.

Baskov, G.M. - Some elements of the simple ESh-14/75 dragline mining system without transportation. p.30.

Baiula, A.G. - Feasibility of establishing an index of technical effectiveness and best indexes for the ore dressing process. p.33.

Berdiugin, V.A. - Protecting the ballast bed from erosion. p.36.

Govorko, N.K. - Domes of emptied stopes. p.37.

Medvedev, B.I. - V.F. Smirnov's article "Some possible uses of radioactive isotopes in the coal industry." p.37.

Iopek, F. - Use of hydraulic filling in mines of the Polish People's Republic. p.38.

Krikunov, L.A. - All-Union conference of mine surveyors. p.47.

New books on mining. p.48.

VOPROSY PROIZVODSTVA STALI [PROBLEMS OF STEEL PRODUCTION]. Issued by Viddil tekhnichnykh nauk Akademii nauk URSR [Department of Technological Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 3, 1956.

Table of contents translated:

Dobrokhotov, N.N. - Dynamics of diffusion processes. p. 3.

Zakharikov, N.A. - Effect of irregular temperatures in gas flow on the radiant heat exchange in furnaces. p. 54.

Kocho, V.S. - Study of thermal processes in open-hearth furnaces. p. 74.

Kobeza, I.I. - Results of improving the performance of open-hearth furnaces. p. 85.

Khan, B.Kh. - Effect of crystallization on the deformability of Kh23N18 steel in forging and rolling. p. 90.

Khan, B.Kh. - Effect of the deoxidation method on the quality of pipe steel. p. 106.

Pukhnarevich, G.P. - Effect of thermal conditions on hydrogen content in steel in the process of smelting. p. 116.

Prokhorenko, K.K. - Content of hydrogen in carbon steels smelted in basic open-hearth furnaces with air and steam atomized fuel oil. p. 120.

K.K. - Distribution of nonmetal inclusions
ure of cast carbon steel. p. 125.
K., Urinson, A.I. - Ineffectualness of
of metal to cast steel. p. 130.
Controlling the plasticity of hot steel.

Efimov, V.A., Danilin, V.I., Lapshova, M.P. - Shrinkage and plasticity of 6-ton steel ingots in the process of solidification. p. 144.

Efimov, V.A. - Causes for the formation of surface defects on steel ingots. p. 161.

Efimov, V.A. - Ways to improve bottom pouring of steel p. 177.

Dobrokhotov, N.N., Gnyp, P.I. - A.F.Movius, first professor in iron and steel metallurgy in the Ukraine. p. 191.

ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 22, no. 8, Aug. 1956.

Table of contents translated:

Figurovskii, N.A., Gavrilova, T.B. - Comparative evaluation of methods of sedimentometric analysis. p. 891.

Chirkov, S.K. - Indifferent electrodes. p. 896.

Irkovskii, R.A. - Development of the electrographic method of analysis. p. 898.

Goriushina, V.G., Gallis, E.IA. - Using complexone III for improving the specificity of the dithizone method for determining silver. p. 905.

Filipova, N.A., Dubrovskaia, T.F. - Determining lead and its compounds in the active material of lead accumulators. p. 907.

Finkel'shtein, D.N. - Formation and photocolorimetric analysis of a tungsten and rhodanide complex. p. 911.

Tananaev, N.A., Korobova, I.A. - Method for determining phosphorus in iron alloys without using shavings. p. 916.

Pen'kova, E.F., Gladkova, A.V., Novikova, T.V. - Photocolorimetric determination of vanadium and titanium. p. 918.

Rud', E.KH., Skochilova, S.IA. - Determining small quantities of phenol in hydrocarbons. p. 919.

Korneichuk, G.P. - Method for indicating unoxidized naphthalene in reactors for its oxidation to phthalic anhydride. p. 920.

Lubianskaia, M.G. - Determining small amounts of fluorine in aqueous solutions. p. 921.

Brief news. p. 922.

Zaidel', A.N., Petrov, K.I. - Spectral determination of hydrogen in zirconium by the method of isotope balancing. p. 923.

Ginzburg, V.L., Gramenitskii, I.N., Livshits, D.M. - Method for spectral analysis of cathode copper for metallic admixtures. p. 927.

Mirkin, L.L., Rikman, E.P. - Determining magnesium in cast iron by the method of local analysis. p. 930.

Brusilovskii, B.A. - Roentgenographic method for determining residual austenite by stepwise attenuation of lines of comparison. p. 936.

Kuz'mina, O.O., Minaev, N.G., Pshenichnikov, A.P. - Method for determining subsurface defects in metals by means of transverse ultrasonic waves. p. 943.

Druzhinin, V.V. - Measuring magnetic properties of equipment steel in conformity with the new standard. p. 949.

Kontorovich, I.E., Voshchchenko, B.M. - Method for determining austenitic grain. p. 954.

Vladimirov, L.P. - Quantitative evaluation of heterogeneous properties of products by means of small samplings. p. 955.

Tiutiunnikov, IU.B. - Determining electric resistance of coals by heating them in a thin layer. p. 958.

Krasnokutskii, V.A. - Sorting aluminum alloys according to their luminescence in electrolytes. p. 960.

Sushkin, N.G., Fomina, I.A. - Optimum conditions for the development of photographic plates exposed to electrons of medium energies. p. 961.

Ultrasonic visual indicator for detecting defects in sheet materials (abstract). p. 965.

Zilova, T.K., Demina, N.I., Fridman, IA.D. - Method for testing the tendency of materials for delayed destruction. p. 967.

Grigorovich, V.K. - Rebound testing of bearing balls for hardness and the absence of cracks. p. 973.

Pogodin-Alekseev, G.I. - Method for determining localized and uniform plasticity in high-temperature tests. p. 979.

Nekhendzi, E.IU., Tisenko, N.G. - Strain sensitivity of a conductor and glued wire under plane stress. p. 982.

Monakhov, I.A. - Method for determining the resistance to surface cracking (silver stability) of organic glass. p. 989.

Kuznetsov, A.IA., Kruglova, A.V., Kryzhanovskii, B.P. - Heating glass and ceramic vessels by semiconducting films. p. 993.

Drinberg, A.IA., Bocharova, A.M., IAkovlev, A.D. - Apparatus for determining the temperature of varnish coating softening. p. 996.

Milin, V.P. - New portable electrographic device for use in shop units. p. 997.

Kutukov, G.F. - Simple pump for circulation of liquids. p. 998.

Ryl'nikov, A.P. - Temperature control of laboratory heat-treating furnaces. p. 999.

Bregvadze, U.D. - Device for effecting the steady weight of filters used to determine the dust content of gases. p. 1000.

Maslov, V.N. - Throttle pressure stabilizer for gases and liquids. p. 1001.

Khorin, IA.D. - Clamp for measuring electric resistance of short test pieces. p. 1002.

Sadagashvili, V.G. - Paper band for the VR-1 vibrograph. p. 1003.

Ultrasonic viscosimeter (abstract). p. 1003.

Photoelectric apparatus for determining perforations in rolled strip (abstract). p. 1004.

Voskresenskii, P.I. - L.I.Gapon's book "Organization of plant chemical laboratories." p. 1006.

Shevchenko, E.P. - Review of the Annotated Index to Soviet Works on Spectral Analysis. p. 1008.

New books. p. 1009.

Foreign books on research methods which have been received by the library. p. 1010.

Nikolai Petrovich Shchapov; on his 60th birthday. p. 1012.

Ivan Avgustovich Oding; on his 60th birthday. p. 1014.

...gol'not pro-
...al Industry of

...haulage of coal and rock in mines. p.9.

Ignat'ev, A.D. - Improving the technology of coal extraction in hydraulic mining. p.14.

Dubinskii, M.I. - Multiple purpose brigades in Donets Basin longwalls mined by cutter-loaders. p.16.

Zenin, V.E. - Using progressive work organization in mines. p.21.

Abramenko, T.F. - Ways of shortening the development period in the building of coal mines. p.26.

Bushel', A.R., Zhumakhov, I.M., Bezrukov, A.F. - Fans of the type TSAGI K-06, MGI series for the main ventilation of mines. p.29.

Kaminskii, V.S., Zarubin, L.S. - The use of screw conveyor centrifuges in the preparation of coal. p.34.

Fomenko, B.S. - How we achieved a steady increase in coal mining. p.37.

Tao Ting-hsu and others. - Effect on the power required of thinning the cutter chain of the "Donbas-1" cutter-loader and the KMP-1 cutting machine. p.38.

## 17. MILITARY & NAVAL SCIENCES

### a) MILITARY SCIENCE

BRATSTVO KOLYSHNYKH VOIAKIV PERSHOI UKRAINS'KOI DYVIZII UKRAINS'KOI NARODNOI ARMII. Visti [BROTHERHOOD OF FORMER SOLDIERS OF THE FIRST UKRAINIAN DIVISION OF THE UKRAINIAN NATIONAL ARMY. News]. Munich, vol. 7, nos. 3/4(65/66), 7/8(69/70), Mar.-Apr., July-Aug. 1956. [In Ukrainian.]

NASHI VESTI. OUR NEWS. Published by Upravlenie Soiuza b. chinov Russkogo korpusa [Administration of the Association of Former Members of the Russian Corps]. New York, vol. 12, nos. 116(2253)-117(2254), Dec. 1956.

PEREKLICHKA [ROLL CALL]. Organ of Otdel Obshchestva Gallipolitsev v S.A.S. Sh-kh [Section of the Gallipoli Society in the U.S.A.]. New York, vol. 5, no. 62/63, Dec. 1956-Jan. 1957.

VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force]. Moscow, vol. 38, no. 5, May 1956.

Table of contents translated:

Editorial: Conduct a more practical combat training of pilots. p. 3.
Shishov, L.M. - Ground support action by attack air planes on objectives in mountain combat. p. 8.
Ermolaev, IU.A. - Educational work of squadron commanders. 2. Studying personnel. p. 12.
Klochko, V.G. - Characteristics of night flying. p. 16.
Lakhtin, M.D. - Taking into consideration intermediate winds in high altitude bombing. p. 20.
Makhalin, V.N. - Spinning of fighter planes in the stratosphere. p. 31.
IArunin, B.P. - Using a combined course indicator and radio bearing. p. 34.
IUlsevich, IU.K. - Aerial photography at night. p. 39.
German-Evtushenko, I.A. - Receiving code calls from locator stations. p. 46.
Popov, A.P. - Space orientation. p. 49.
Sokolov, V.D. - Commanding officer of an aircraft technological battalion. p. 53.
"Tu-104" jet commercial airplane. p. 56.
Pyshnov, V.S. - Supersonic aerodynamics. 10. Supersonic flow pressure on the surface of plane bodies. p. 59.
Kirillov, F.A. - Correlation between the theory of flight and flight training. p. 65.
Slobunov, A.G. - Use of an automatic pilot at high altitudes. p. 70.
Kirienko, N.I. - Special problems in the suspension of standardized fuel tanks. p. 73.
Savel'ev, IA.N., Bakhmurov, A.P. - From the work practice of squadron mechanics. p. 75.
New AGI-1 training apparatus. p. 78.
Correction factors for certain time norms. p. 79.
Recording physiological functions of pilots in flight. p. 81.
A unit officer presents his thesis. p. 83.
Problems of aviation medicine at the Learned Medical Council. p. 83.
Exhibition of works by innovators and inventors. p. 85.
Kulagin, I.I. - Textbook on airplane gas turbine engines. p. 86.
New books on aeronautics: "Aircraft fuels, oils, lubricants, and special liquids." p. 88.
Determining the wind during night flying. How can one rapidly determine the $\Delta t^{\circ}$ correction of the thermometer reading? and other questions. p. 89.
How long will it take a fighter plane to intercept its target? Will the airplane take off? and other solutions. p. 90.
Volkov, R.G. - Television in aeronautics. p. 92.
Sergeev, A.IA. - Change in the United States tactical aviation in Europe. p. 96.

Vol. 30, no. 6, June 1956.

Table of contents translated:

Editorial: Created by the Soviet people. p. 3.
Shiptilov, I.F. - V.I. Lenin and the development of aviation in the first years of the Soviet Government. p. 9.
Kovalev, A.A. - Air combat of a flight of fighter planes at low altitude. p. 21.
Oumenok, S.A. - Special problems in the location and detection of naval targets by means of a radar sight. p. 26.
Terekhin, T.A. - Selecting the flight course and profile of a bomber. p. 31.
Borodatov, N.S. - Educational work of squadron commanders. 3. Work with each man individually. p. 37.
Polisk, V.IU. - New means of air navigation. p. 41.
Brovtsev, S.G., Atabekian, S.Kh. - Piloting helicopters in mountains. p. 44.
Vorob'ev, V.I. - Flight conditions in jet air currents. p. 52.
Pyshnov, V.S. - Supersonic aerodynamics. 12. Lift force in supersonic aerodynamics. p. 57.
Marchukov, N.P. - Use of aerial targets. p. 64.
Anokhin, M.P., Cherniakov, S.I. - Use all possibilities for increasing technical knowledge. p. 69.
How to improve accuracy of practice in target ranges? p. 73.
Determining the wind when bombing from high-speed planes. p. 74.
Selenium rectifier for charging accumulators. p. 75.
Welding combustion-chamber parts. p. 76.
Navigator of a torpedo bomber squadron. p. 78.
Creative work of innovators at the Academy. p. 78.
Over the sea at night. p. 80.
Mikirtumov, E.B., Lysenko, N.M. - "Speed, acceleration, pull of gravity." p. 81.
Lisitskii, V.G. - "Aerial photogrammetry." p. 84.
What is the best method for braking? What is the correct way of using a navigation indicator? and other questions. p. 85.
Will the airplane take off? How can one determine the radius of the turn of an airplane? and other solutions. p. 86.
Evgen'ev, I.I. - Rebirth of the air force in West Germany. p. 88.
Moskvin, A.I. - Computers in aviation. p. 92.
Gratitude of the Commander in Chief of the Air Force to the active authors of the periodicals. p. 95.
At the "Vestnik Vozdushnogo Flota" readers' conferences. p. 95.

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volonteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 31, no. 8, Aug. 1956.

Table of contents translated:

Participate in sport! Discussion with Air Force Colonel-General M.M. Gromov, Hero of the Soviet Union. p. 1.
More importance to marksmanship! Participants in the Spartakiada of the Peoples of the U.S.S.R. speak. p. 2.
Morozov, A. - In training as in battle; photo sketch. p. 4.
Naboldkh, A. - Abroad. p. 6.
Tishchenko, A. - After the atomic blast. p. 8.
Air defense forces; discussion with S.S. Biriuzov, marshal of the Soviet Union. p. 10.
Kashirin, P. - Role of moral strength in modern warfare. p. 13.
Rykov, S. - Can one see at night? p. 14.
Puzanov, N. - Communication and observation on ships. p. 16.
Shtefanescu, G. - Mass organization of Rumanian patriots. p. 19.
Siniavskii, V. - Road to success. p. 20.
Lapshin, K. - Youthful sailors. p. 21.
Maksimenko, V. - Diving. p. 22.
Lugovoi, P. - New standards of the "Ready for Labor and Defense" system in rifle shooting. p. 23.
Zubkin, A., Mel'kov, A. - Means and methods of decontamination. p. 24.
Korol'kov, V. - Armorer and inventor. p. 25.
Kryzhanovskii, P. - Submarines of the United States. p. 26.
Poliianskii, Anatolii. - Difficult trip. p. 28.
Arkhipov, M. - Answer to readers questions: Critical mass of atomic charge. p. 30.
To readers about books:
Aleksandrov, I. - During the days of the great battle. p. 31.
Grechishnikov, V. - Stories on war days. p. 31.
Military calendar. p. 32.

Vol. 31 [i.e. 32], no. 9, Sep. 1956.

Table of contents translated:

Military service is an honorable duty; discussion with S.M. Budennyi, marshall of the Soviet Union. p. 1.
Somichev, P. - Draftees have arrived to the regiment. p. 2.
We will fulfill our military duty! Brief notes of young members of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy, drafted into the Soviet Army. p. 4.
Frolov, S. - Heroes of Brest are active members of the All-Union Volunteer Society for Assistance to the Army, Air, Force, and Navy. p. 5.
Glorious traditions of the Soviet tankers; discussion with Major General N.M. Filippenko (Tank Corps) of the Kantemir Tank Division (guards unit, Order of Lenin, Order of the Red Banner). p. 6.
Ryl'nikov, V. - Tankers' combat training. p. 8.
Lanin, N. - On a long cruise. p. 10.
Bulychev, I. - Signal communication troops. p. 12.
Krivchkov, IU. - Submarines. p. 14.
Kulik, I. - International Spartakiada in water sports. p. 16.
Glukhovtsev, S. - Wider road to the "little fleet." p. 19.
Rabinovich, I. - Marksmen and innovators. p. 20.
Tikhomirov, V. - Marksmanship enthusiast. p. 21.
Korol'kov, V. - Two solutions to a design problem. p. 22.
Lugvin, G. - We are building new target ranges. p. 23.
Slashchev, V. - Happy sailing, friends! p. 24.
Kondov, D. - Successes of the Bulgarian patriots. p. 25.
Siniaev, A., Butivchenko, A. - Bacteriological weapons of the United States Army. p. 26.
Goncharov, Georgii. - The duel; a story. p. 28.
Malinin, V. - The real truth about heroes of the immortal garrison. p. 30.
Suranov, P. - Valuable manual for qualified marksmen. p. 30.
Military calendar. p. 32.

### b) NAVAL SCIENCE

BLOKNOT AGITATORA VODNOGO TRANSPORTA [THE WATER TRANSPORTATION AGITATOR'S NOTEBOOK]. Issued by Politicheskoe upravlenie Ministerstva morskogo flota SSSR [Political Administration of the Ministry of the Maritime Fleet of the U.S.S.R.]. Moscow, no. 16(56), Sep. 1956.

Table of contents translated:

Kraev, I. - Develop the moving of freight by combined railroad and water transport. p. 1.
Nozdrin, D. - Friendship, comradeship, and mutual assistance is the tradition of the Soviet sailors. p. 8.
Shvets, I. - For effective competition. p. 10.
Ignatov, S. - Grigorii Sivashev, an excellent blacksmith. p. 23.
Mikhailov, L. - Peoples demand that the armament race stop. p. 27.
Morocco. p. 36.
Rich harvest; figures and facts. p. 44.
World shipbuilding; figures and facts. p. 48.

No. 19(59), Oct. 1956.

Table of contents translated:

If you assume an obligation you must meet it. p. 1.
Ovsiannikov, N. - Complete river navigation successfully. p. 9.
Bebel', I. - Political agitation work during long voyages. p. 17.
Smirnov, N. - Reorganization of work of ship repair workers. p. 25.
Antonov, P. - Brotherly friendship gets stronger. p. 32.
Uglov, A. - Strike in English dockyards. p. 37.
Ceylon. p. 39.
Topics and literature for agitators' talks in November 1956. p. 47.

No. 20(60), Oct. 1956.

Table of contents translated:

Constitution of our country. p. 1.
Golovin, S. - Never accept bourgeois ideology. p. 10.
Shabanov, V. - Wall newspaper at an Arctic station. p. 20.
Gleizer, A. - Basic measurements and indices of river fleet operation. p. 27.
Martynov, A. - Eighth Congress of the Communist Party of China. p. 34.
Shipbuilding in Italy. p. 44.
Competition between sea and river crews for fulfilling the plan of the first year of the sixth five-year plan ahead of time; figures and facts. p. 45.

MORSKOI FLOT [THE MERCHANT MARINE]. Organ of Ministerstvo morskogo flota SSSR [Ministry of the Maritime Fleet of the U.S.S.R.]. Moscow, vol. 16, no. 7, July 1956.

Table of contents translated:

Editorial: General inspection of technical conditions in the fleet. p. 1.
Syrmai, A. - Operational speed of seagoing vessels. p. 4.
Smyka, V. - Choice of engines is the most important problem of technical policy in the merchant marine. p. 6.
Fafurin, N. - Calculating the anchorage time of a vessel carrying cargoes for foreign trade. p. 12.
Ryzhov, V. - Ways of improving transshipment operation techniques in sea ports. p. 15.
Gamov, A., Gavriuk, M. - Direction finding by sector radio beacons with the help of "TVA-52" tables. p. 18.
Kazanskii, K. - Systematic errors in the apparent horizon dip measured by inclinometer and their effect on the accuracy of a vessel's astronomical position. p. 20.
Skripchenko, E., Rabinovich, A., Livshits, S. - Use of synthetic, surface-active washing and wetting substances for cleaning the tanker fleet. p. 21.
Magula, V. - Allowable wear of the shell plating of ship hulls. p. 22.
Teshchuk, A., Kozlovskii, S. - Progressive techniques and the mechanization of hull maintenance and dockyard repairs. p. 23.
Kvashchuk, N. - Some structural details of welded hull joints. p. 27.
Nazarenko, I. - Loading pig iron in open cars. p. 28.
Mishenko, I., Shkoda, G. - Errors of angle readings at the "Neptune" radiolocation station. p. 28.
Desalting sea water. p. 29.
Man, I. - The liner "Southern Cross." p. 30.
The bookshelf. p. 32.

Vol. 16, no. 10, Oct. 1956.

Table of contents translated:

Editorial: Efforts to avoid breakdowns is a task of major importance for the merchant marine. p. 1.
First results of inspecting technical operations. p. 4.
Brium, A., Shaikis, A. - Some problems in building harbor warehouses. p. 5.
Medvedik, S. - Planning the repair of loading machines. p. 8.
Kalinskii, I. - Omnidirectional radio beacons. p. 10.
Dondua, S., Rakhovetskii, A. - The listing of a vessel. p. 12.

Florov, N. - Plane table to determine the course and speed of an oncoming vessel. p. 14.
Anikin, V., Mochanov, P. - Repair works with use of an open flame and without cleaning of tank vessels. p. 14.
Popov, A., Duel', B. - New techniques for the repair of K6TS-54/99 engines. p. 17.
Treivas, G., Khatskin, K. - Increasing the heat resistance of piston heads on internal combustion marine engines. p. 18.
Khalevin, A. - Standardizing the stability of ships. p. 20.
Sokolov, A. - Sectional reinforced concrete anchorage walls. p. 22.
Borisov, A. - Correspondence courses for the merchant marine should be developed in every possible way. p. 23.
Skvirskii, D. - Replacement of marine boiler seatings. p. 25.
Fixed GM-10 acetylene generators. p. 26.
Dzhavad, IU. - The Suez Canal. p. 27.
Gartvig, V., Klimenko, N. - Gas turbine installations on ships. p. 29.
Abakumov, A. - Convenient attachment for automatic loaders. p. 31.
Foreign information on shipping and shipbuilding. p. 32.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI I EKSPLUATATSII VODNOGO TRANSPORTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE ECONOMICS AND OPERATION OF WATER TRANSPORTATION. Transactions]. No. 8, 1956.

Title translated:

Domanevskii, N. A., and others. - Channel processes and improvement of the navigable course in open-channel rivers. 458 p.

Title transliterated: Domanevskii, N. A., and others. - Ruslovye protsessy i putevye raboty na svobodnykh rekakh. 458 p.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Shipbuilding Industry]. Nos. 12-20, Apr. -May 1956.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota SSSR [Ministry of the River Fleet of the U. S. S. R.]. Moscow, vol. 15, no. 8, Aug. 1956.

Table of contents translated:

Kurchatov, G. N., Granin, G. I. - The Lena River steam navigation is one hundred years old. p. 1.
Lelikov, A. E. - Some economical aspects of transportation in the northeastern areas of the U. S. S. R. p. 4.
Levin, IA. L. - Improving preparations for ship repairs. p. 7.
Baibakov, A. B. - Standardization of ships used in inland navigation. p. 10.
Konstantinov, V. P. - Developing electric and radio navigation techniques in inland water transportation during the sixth five-year plan. p. 12.
Barakin, A. - It is necessary to improve the state of repair of the wooden fleet. p. 16.
Gromov, M. G. - Concerning M. A. Sutyrin's article. p. 17
Sukhomel, G., Zass, V. - M. A. Sutyrin's article. p. 18.
Shimin, IA. M. - Improving the technical operation of paddle wheel steamers of project 732. p. 20.
Blidman, L. - Measures to improve the technical operation of ships of the river fleet. p. 21.
Benua, F. F., Shilinev, P. N. - Increasing effective steam pressure in KB-5 boilers. p. 22.
IUrtaikin, N. V. - New piston ring designs. p. 24.
Gel'fand, A. E. - Modern methods of obtaining optimum surface smoothness on machine parts. p. 25.
Veretennikov, V. V. - Foreign experience in the mechanization of coal combustion in marine and small boiler installations. p. 30.
Bookshelf. p. 3 of cover.

SOVETSKII MORIAK [SOVIET SAILOR]. Issued by Glavnoe politicheskoe upravlenie Ministerstva oborony SSSR [Main Political Administration of the Ministry of Defense of the U. S. S. R.]. Moscow, vol. 16, no. 9, May 1956.

Table of contents translated:

Topchiev, A. V. - Soviet science in the sixth five-year plan. p. 2.
High-class specialists. p. 4.
Vukolov, V. - The test; a story. p. 6.
The duty of a communist. p. 8.
The next drawing. p. 9.
Stepanov, M. - Visiting A. M. Gor[illegible]
Zhuravlev, V., Prichkin, B. - [illegible] Navy. p. 12.
Panferov, K. - Petroleum worker[illegible]
How Soviet sailors behave. p. 16.
Annals of glorious days. p. 17.
Bukin, N. - Review of verse about [illegible] ocean's blue waves" by Nikolai F[illegible]
Nalin, IU. - Rebirth of the German [illegible]
Filippov, A. - With future hydrogr[illegible]
Korolev, D. - This is the ship's ra[illegible]
Liubimov, I. - The blue "brand"; [illegible] p. 23.

VSESOIUZNOE NAUCHNOE INZHENER[illegible] SKOE OBSHCHESTVO SUDOSTROE[illegible] UNION SCIENTIFIC AND TECHNOL[illegible] OF SHIPBUILDING. Trannactions]. [illegible] no. 1, 1953.

Table of contents trans[illegible]

Shimanskii, IU. A. - Theory of plas[illegible] of steel. p. 3.
Smoliakov, B. N. - Approximate met[illegible] tion in designing ship hulls for [illegible] p. 31.
Trianin, I. I. - Calculating the strength[illegible] coverings with transverse framing[illegible]
Voitkunskii, IA. I., Shebalov, A. N. [illegible] of rolling in river vessels. p. 50.
Egorov, A. E. - About a certain formu[illegible] p. 64.
Nogid, L. M. - Ship rolling on oblique[illegible] data obtained by investigating the [illegible] steamer "Meteor" in 1913. p. 77.
Mitel'man, B. I., Rozenberg, G. D. [illegible] the moment of inertia of forces act[illegible] blades. p. 90.
Makedon, IU. A. - Determining the [illegible] of the displacement of a ship. p. 100.
Moiseev, A. A. - Professor M. I. IAnovskii's [illegible] butions to the science of design and [illegible] the strength of turbine parts. p. 119.
Zharov, G. G. - M. I. IAnovskii's studies [illegible] theory and calculations of steam and [illegible] p. 128.
Kurzon, A. G. - Investigation of single [illegible] of regenerative feed-water preheaters [illegible] steam-turbine plants. p. 136.
Bibliography of Professor M. I. IAnovskii [illegible]

# PART C

## List of Periodicals and Abbreviations Used

| | |
|---|---|
| Agrobiologiia (15a) | Agrobiologiia [Agrobiology] |
| Akush. i gin. (14b) | Akusherstvo i ginekologiia [Obstetrics and Gynecology] |
| Al'm. Mol. gvard. (11b) | Al'manakh "Molodaia gvardiia." [The Young Guard Almanac] |
| Antibiotiki (14f) | Antibiotiki [Antibiotics] |
| Apt. delo (14f) | Aptechnoe delo [Pharmacy] |
| Arkhit. i strol. Mosk. (10b) | Arkhitektura i stroitel'stvo Moskvy [Architecture and Construction in Moscow] |
| Arkhit. SSSR (10b) | Arkhitektura SSSR [Architecture of the U. S. S. R.] |
| Astron. zhur. (13b) | Astronomicheskii zhurnal [Journal of Astronomy] |
| Avt. dor. (16d) | Avtomobil'nye dorogi [Highways] |
| Avt. i trakt. prom. (16g) | Avtomobil'naia i traktornaia promyshlennost' [Automobile and Tractor Industry] |
| Avt. transp. (16g) | Avtomobil'nyi transport [Automotive Transportation] |
| Avtom. i telem. (16e) | Avtomatika i telemekhanika [Automatics and Telemechanics] |
| Avtomatyka (16e) | Avtomatyka [Automatic Control]. In Ukrainian. |
| Azərbaĭdžan (11b) | Azərbaĭdžan [Azerbaijan]. In Azerbaijani. |
| Barvinok (1b) | Barvinok [Periwinkle]. In Ukrainian. |
| Belarus' (1b) | Belarus' [White Russia]. In White Russian. |
| Bet. i zhel.-bet. (16d) | Beton i zhelezobeton [Concrete and Reinforced Concrete] |
| Bibliotekar' (2b) | Bibliotekar' [The Librarian] |
| Biblos (2a) | Biblos; zhurnal bibliografii, krytyky i retsenzii [Biblos; Journal of Bibliography, Criticism, and Reviews]. In Ukrainian. |
| Biul. eksp. biol. i med. (14a) | Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine] |
| Biul. Glav. bot. sada (13c) | Moscow. Glavnyi botanicheskii sad, Pushkinskoye. Biulleten' [Main Botanical Garden. Bulletin] |
| Biul. Ruk. otd. Push. doma (11b) | Akademiia nauk SSSR. Institut russkoi literatury. Rukopisnyi otdel. Biulleteni [Academy of Sciences of the U. S. S. R. Institute of Russian Literature (Formerly "Pushkin House"). Manuscript Division. Bulletins] |
| Biul. stroi. tekh. (16d) | Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering] |
| Biul. Vulk. sta. (12c) | Akademiia nauk SSSR. Kamchatskaia vulkanologicheskaia stantsiia, Klyuchi. Biulleten' Vulkanologicheskoi stantsii na Kamchatke [Academy of Sciences of the U. S. S. R. Kamchatka Volcanic Station. Bulletin of the Kamchatka Volcanic Station] |
| Biuleten' Komitetu ukraintsiv Kanady (5e) | Ukrainain Canadian Committee. Biuleten' [The Bulletin]. In Ukrainian. |
| Biuleten' Ukrains'koho informatsiinoho biura (6) | Ukraine'ke informatsiine biuro. Biuleten' [Ukrainian Information Bureau. Bulletin]. In Ukrainian. |
| Biuleten' izobretenii (16a) | Biuleten' izobretenii [Bulletin on Inventions] |
| Blok. agit. (6) | Bloknot agitatora [The Agitator's Notebook] |
| Blok. agit. vod. transp. (17b) | Bloknot agitatora vodnogo transporta [The Water Transportation Agitator's Notebook] |
| Bot. mat. Otd. spor. rast. (13c) | Akademiia nauk SSSR. Botanicheskii institut. Otdel sporovykh rastenii. Botanicheskie materialy [Academy of Sciences of the U. S. S. R. Botanical Institute, Section of Cryptogamic Plants. Botanical Materials] |
| Bot. zhur. (13c) | Botanicheskii zhurnal [Botanical Journal] |
| Bukhg. uchet (5a) | Bukhgalterskii uchet [Accounting] |
| Bum. prom. (16f) | Bumazhnaia promyshlennost' [Paper Industry] |
| Dal'. Vost. (11b) | Dal'nii Vostok [Far East] |
| Del. trud. - Prob. (6) | Delo truda - Probuzhdenie [Task of Labor - Awakening] |
| Den. i kred. (5c) | Den'gi i kredit [Money and Credit] |
| Der. prom. (16f) | Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry] |
| Dnipro (11b) | Dnipro [Dnieper]. In Ukrainian. |
| Dokl. AN Arm. SSR (13a) | Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S. S. R. Reports] |
| Dokl. AN SSSR (13a) | Akademiia nauk SSSR. Doklady [Academy of Sciences of the U. S. S. R. Reports] |
| Dokl. AN Tadzh. SSR (1a) | Akademiia nauk Tadzhikskoi SSR, Stalinabad. Doklady [Academy of Sciences of the Tajik S. S. R. Reports] |
| Dokl. Akad. sel'khoz. (15a) | Vsesoiuznaia Akademiia sel'skokhoziaistvennykh nauk im. I. V. Lenina. Doklady [All-Union Lenin Academy of Agricultural Sciences. Reports] |
| Dop. ta pov. L'viv. un. (1a) | Lvov. Universytet. Dopovidi ta povidomlennia [University. Reports and Notes] |
| Doshk. vosp. (8a) | Doshkol'noe vospitanie [Preschool Education] |
| Doshk. vykh. (8a) | Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian. |
| Druzh. nar. (11b) | Druzhba narodov [Friendship of Peoples] |
| Dukhovnoe probuzhdenie (3b) | Dukhovnoe probuzhdenie [Spiritual Awakening] |
| Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' (17b) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Shipbuilding Industry] |
| Elek. sta. (16e) | Elektricheskie stantsii [Electric Power Stations] |
| Elektrichestvo (16e) | Elektrichestvo [Electricity] |
| Elektrosviaz' (16e) | Elektrosviaz' [Telecommunication] |
| Energ. biul. (16e) | Energeticheskii biulleten' [Power Bulletin] |
| Fin. SSSR (5c) | Finansy SSSR [Finance of the U. S. S. R.] |
| Fiz. met. i metallored. (16h) | Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy] |
| Fiz. v shkole (13f) | Fizika v shkole [Physics in Schools] |
| Fiziol. zhur. (13c) | Fiziologicheskii zhurnal SSSR [Physiological Journal of the U. S. S. R.] |
| Fiziol. zhur. [Ukr.] (13c) | Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian. |
| Fizk. i sport (8b) | Fizkul'tura i sport [Physical Education and Sports] |
| Gaz. prom. (16c) | Gazovaia promyshlennost' [Gas Industry] |
| Geod. i kart. (13b) | Geodeziia i kartografiia [Geodesy and Cartography] |
| Geog. v shkole (12b) | Geografiia v shkole [Geography in Schools] |
| Geokhimiia (12c) | Geokhimiia [Geochemistry] |
| Geol. zhur. (12a) | Geologichnyi zhurnal [Geological Journal] |
| Gidr. stroi. (16d) | Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction] |
| Gidroliz. i lesokhim. prom. (16c) | Gidroliznaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry] |
| Gig. i san. (14g) | Gigiena i sanitariia [Hygiene and Sanitation] |
| Gosudarstvennyi obshchesoiuznyi standart (18a) | Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. Gosudarstvennyi obshchesoiuznyi standart [All-Union Committee of Standards. State All-Union Standard] |
| Grazhd. av. (16b) | Grazhdanskaia aviatsiia [Civil Aviation] |
| Inform. sbor. VSEGEI (12c) | Leningrad. Vsesoiuznyi geologicheskii institut. Informatsionnyi sbornik [All-Union Geological Institute. Information Bulletin] |
| Inostr. iaz. v shkole (11a) | Inostrannye iazyki v shkole [Foreign Languages in Schools] |
| Isk. kino (9a) | Iskusstvo kino [Cinema Art] |
| Iskusstvo (10a) | Iskusstvo [Art] |
| Issl. i mat. Inst. po izuch. SSSR (4a) | Institut zur Erforschung der UdSSR - Institut po izucheniiu SSSR. Issledovaniia i materialy [Institute for the Study of the U. S. S. R. Investigations and Materials] |
| Ist. zap. (4a) | Istoricheskie zapiski [Historical Records] |
| IUn. nat. (13c) | IUnyi naturalist [Young Naturalist] |
| Izm. tekh. (16a) | Izmeritel'naia tekhnika [Measurement Techniques] |
| Izv. AN Arm. SSR. Biol. i sel'khoz. nauki (15a) | Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie i sel'skokhoziaistvennye nauki [Academy of Sciences of the Armenian S. S. R. Bulletin. Biological and Agricultural Sciences]. In Russian and Armenian. |
| Izv. AN Arm. SSR. Obshchestv. nauki (1a) | Akademiia nauk Armianskoi SSR. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S. S. R. Bulletin. Social Sciences]. In Russian and Armenian. |
| Izv. AN Arm. SSR. Ser. FMET nauk (13a) | Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh, estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Armenian S. S. R. Bulletin. Series in Physical and Mathematical Sciences, Natural History, and Technology] |
| Izv. AN Azerb. SSR (1a) | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia [Academy of Sciences of the Azerbaijan S. S. R. Bulletin] |

| | |
|---|---|
| Izv. AN SSSR. Otd. khim. nauk (13d) | Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U. S. S. R. Bulletin, Department of Chemical Sciences] |
| Izv. AN SSSR. Ser. fiz. (13f) | Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U. S. S. R. Bulletin, Physical Series] |
| Izv. AN SSSR. Ser. geog. (12b) | Akademiia nauk SSSR. Izvestiia. Seriia geograficheskaia [Academy of Sciences of the U. S. S. R. Bulletin, Geographical Series] |
| Izv. AN SSSR. Ser. geol. (12c) | Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U. S. S. R. Bulletin, Geological Series] |
| Izv. AN SSSR. Ser. mat. (13e) | Akademiia nauk SSSR. Izvestiia. Seriia matematicheskaia [Academy of Sciences of the U. S. S. R. Bulletin, Mathematical Series] |
| Izv. Akad. ped. nauk RSFSR (8a) | Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R. S. F. S. R. Bulletin] |
| Izv. AN BSSR (1a) | Akademiia navuk BSSR, Minsk. Izvestiia [Academy of Sciences of the White Russian S. S. R. Bulletin] |
| Izv. Sev.-Oset. nauch.-issl. inst. (1a) | Dzaudzhikau. Nauchno-issledovatel'skii institut Severo-Osetinskoi ASSR. Izvestiia [Scientific Research Institute of the North Ossetian A. S. S. R. Bulletin] |
| Kar. i zver. (15b) | Karakulevodstvo i zverovodstvo [Karakul Breeding and Fur Farming] |
| Kartofel' (15d) | Kartofel' [Potatoes] |
| Kazakstan kommunisi (6) | Kazakstan kommunisi [Communist of Kazakhstan]. In Kazakh. |
| Kazakstannyn aŭyl sharŭashylygy (15a) | Kazakstannyn aŭyl sharŭashylygy [Kazakhstan Agriculture]. In Kazakh. |
| Khim. i tekh. topl. (16c) | Khimiia i tekhnologiia topliva [Chemistry and the Technology of Fuel] |
| Khim. nauka i prom. (13d) | Khimicheskaia nauka i promyshlennost' [Chemical Science and Industry] |
| Khim. prom. (16c) | Khimicheskaia promyshlennost' [Chemical Industries] |
| Khim. v shkole (13d) | Khimiia v shkole [Chemistry in Schools] |
| Khirurgiia (14h) | Khirurgiia [Surgery] |
| Khlopkovodstvo (15d) | Khlopkovodstvo [Cotton Growing] |
| Kinomekhanik (9a) | Kinomekhanik [Motion-Picture Operator] |
| Kirgizstan (11b) | Kirgizstan [Kirghizistan] |
| Kitai (1b) | Kitai [China] |
| Klin. med. (14a) | Klinicheskaia meditsina [Clinical Medicine] |
| Klub (5e) | Klub [The Club] |
| Knigi na russkom iazyke (2a) | Mezhdunarodnaia kniga. Knigi na russkom iazyke [Books in the Russian Language] |
| Knizhnaia letopis' (2a) | Knizhnaia letopis' [Book Chronicle] |
| Koll. zhur. (13d) | Kolloidnyi zhurnal [Colloid Journal] |
| Komm. Bel. (6) | Kommunist Belorussii [Communist of White Russia] |
| Komm. Kazakh. (6) | Kommunist Kazakhstana [Communist of Kazakhstan] |
| Kommunist (6) | Kommunist [Communist] |
| Kommunist [Kirghiz] (6) | Kommunist [Communist]. In Kirghiz. |
| Konevodstvo (15b) | Konevodstvo [Horse Breeding] |
| Krat. soob. Inst. arkheol. AN URSR (4b) | Akademiia nauk URSR, Kiev. Instytut arkheologii. Kratkie soobshcheniia [Academy of Sciences of the Ukrainian S. S. R. Institute of Archaeology, Brief Reports] |
| Krat. soob. Inst. etn. (12a) | Akademiia nauk SSSR. Institut etnografii. Kratkie soobshcheniia [Academy of Sciences of the U. S. S. R. Institute of Ethnography, Brief Reports] |
| Krat. soob. Inst. | Akademiia nauk SSSR. Institut slavianovedeniia. Kratkie [illegible]chenila [Academy of Sciences of the U. S. S. R. [illegible]ties. Brief Reports] |
| | [illegible] vostokovedeniia. Kratkie [illegible]iences of the U. S. S. R. Brief Reports] |
| | [illegible]] |
| | [illegible]] |
| | [illegible]rland] |
| | [illegible]n Ukrainian. |
| Kukuruza (15d) | Kukuruza [Corn] |
| Kyiv (1b) | Kyiv [Kiev] |
| Lab. delo (14e) | Laboratornoe delo [Laboratory Work] |
| Leg. atl. (8b) | Legkaia atletika [Track and Field Athletics] |
| Leg. prom. (16f) | Legkaia promyshlennost' [Light Industry] |
| Len i konop. (15d) | Len i konoplia [Flax and Hemp] |
| Les. prom. (16c) | Lesnaia promyshlennost' [Forest Industries] |
| Letopis' zhurnal'nykh statei (2a) | Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles] |
| Likars'kyi visnyk (14a) | Likars'kyi visnyk [Medical Journal]. In Ukrainian. |
| Lit. po ped. nauk. (8a) | Literatura po pedagogicheskim naukam [Literature on the Pedagogical Sciences] |

| | |
|---|---|
| Lit. proizv. (16h) | Liteinoe proizvodstvo [Foundry Practice] |
| Litopys UVAN (1a) | Ukraina'ka vil'na akademiia nauk. Seriia: Litopys UVAN [Ukrainian Free Academy of Sciences. Series: UVAN Chronicle]. In Ukrainian. |
| Mashinostroenie (16g) | Mashinostroenie; abornik perevodov i obzorov inostrannoi periodicheskoi literatury [Machine Building; Translations and Surveys of Foreign Periodical Literature] |
| Mast. ugl. (16h) | Master uglia [Master of Coal] |
| Mat. i issl. po arkheol. (4b) | Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U. S. S. R.] |
| Med. prom. (14f) | Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U. S. S. R.] |
| Med. sestra (14g) | Meditsinskaia sestra [Medical Nurse] |
| Mekh. stroi. (16d) | Mekhanizatsiia stroitel'stva [Mechanization of Construction] |
| Mekhanika (16g) | Mekhanika; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Mechanics; Translations and Surveys of Foreign Periodical Literature] |
| Metalloved. i obr. met. (16h) | Metallovedenie i obrabotka metallov [Metals and Treatment of Metals] |
| Metallurg (16h) | Metallurg [Metallurgist] |
| Meteor. i gidrol. (13f) | Meteorologiia i gidrologiia [Meteorology and Hydrology] |
| Mias. ind. SSSR (16f) | Miasnaia industriia SSSR [Meat Industry of the U. S. S. R.] |
| Mol. estr. (9c) | Molodezhnaia estrada [Young People's Stage] |
| Mol. kolkh. (15a) | Molodoi kolkhoznik [The Young Collective Farmer] |
| Mol. komm. (6) | Molodoi kommunist [The Young Communist] |
| Mol. mira (6) | Molodezh' mira [World Youth] |
| Mor. flot (17b) | Morskoi flot [The Merchant Marine] |
| Mosk. prop. (6) | Moskovskii propagandist [Moscow Propagandist] |
| Murzilka (1b) | Murzilka [Tiny Tot] |
| Muzykal'naia literatura; katalog dlia zaiavok (9b) | Mezhdunarodnaia kniga. Muzykal'naia literatura; katalog dlia zaiavok [Musical Literature; Order Catalog] |
| My i svit (1b) | My i svit [We and the World]. In Ukrainian. |
| Mystetstvo (10a) | Mystetstvo [Art]. In Ukrainian. |
| Na rub. (11b) | Na rubezhe [At the Frontier] |
| Nach. shkola (8a) | Nachal'naia shkola [Primary School] |
| Nar. Kit. (6) | Narodnyi Kitai [People's China] |
| Nash sovr. (11b) | Nash sovremennik [Our Contemporary] |
| Nashi vesti (17a) | Nashi vesti [Our News] |
| Nauch. trudy MPI (2c) | Moscow. Moskovskii poligraficheskii institut. Nauchnye trudy [Moscow Printing Institute. Studies] |
| Nauch. trudy NPI (16a) | Novocherkassk. Politekhnicheskii institut. Nauchnye trudy [Polytechnical Institute. Studies] |
| Nauchnoe soobshchenie TSentral'nogo nauchno-issledovatel'skogo instituta promyshlennykh sooruzhenii (16d) | Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. Nauchnoe soobshchenie [Central Scientific Research Institute of Industrial Construction. Scientific Reports] |
| Nauk. zap. Inst. ist. AN URSR (4a) | Akademiia nauk URSR, Kiev. Instytut istorii. Naukovi zapysky [Academy of Sciences of the Ukrainian S. S. R. Institute of History. Studies] |
| Nauk. zap. Kiev. un. (1a) | Kiev. Universytet. Naukovi zapysky [University. Scientific Records] |
| Nauka i zhizn' (13a) | Nauka i zhizn' [Science and Life] |
| Neft. khoz. (16h) | Neftianoe khoziaistvo [The Petroleum Industry] |
| Neftianik (16h) | Neftianik [The Petroleum Worker] |
| Nemetskii eksport (5a) | Nemetskii eksport [German Export] |
| Neva (11b) | Neva |
| Nov. knigi za rub. (2a) | Novye knigi za rubezhom [New Books Abroad] |
| Nov. Kor. (1b) | Novaia Koreia [New Korea] |
| Nov. tekh. i pered. op. v stroi. (16d) | Novaia tekhnika i peredovoi opyt v stroitel'stve [New Technology and Experience in Construction] |
| Nov. v stroi. tekh. (16d) | Novoe v stroitel'noi tekhnike [Innovations in Construction Methods] |
| Nov. vrem. (6) | Novoe vremia [New Times] |
| Nov. zhur. (11b) | Novyi zhurnal [The New Review] |
| Novye knigi (2a) | Novye knigi [New Books] |
| Novye knigi; biulleten' v pomoshch' komplektovaniiu raionnykh, gorodskikh i sel'skikh bibliotek (2a) | Moscow. Publichnaia biblioteka. Novye knigi [Public Library. New Books] |
| Novyi svit (6e) | Novyi svit [The New World]. In Ukrainian. |
| Obz. vazhn. sob. SSSR (4a) | Obzor vazhnaishikh sobytii v SSSR [Review of the Principal Events in the U. S. S. R.] |
| Och. po ist. geol. znan. (12c) | Ocherki po istorii geologicheskikh znanii [Studies in the History of Geological Science] |

| | |
|---|---|
| Ogneupory (16h) | Ogneupory [Refractories] |
| Ogni storozhevye (1b) | Ogni storozhevye [The Guardian Lights] |
| Ogonek (1b) | Ogonek [The Little Light] |
| Okh. i okh. khoz. (15b) | Okhota i okhotnich'e khoziaistvo [Hunting and Game Management] |
| Okhr. prir. i zapov. delo v SSSR (13a) | Okhrana prirody i zapovednoe delo v SSSR. Biulleten' [Protection of Nature and the Work of the Preserves in the U.S.S.R. Bulletin] |
| Oktiabr' (11b) | Oktiabr' [October] |
| Opt. i spektr. (13f) | Optika i spektroskopiia [Optics and Spectroscopy] |
| Opyty (11b) | Opyty [Experiments] |
| Otv. na vop. trud. (1b) | Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions] |
| Ovtsevodstvo (15b) | Ovtsevodstvo [Sheep Breeding] |
| Ozdor. usl. trud. na zav. (16a) | Ozdorovlenie uslovii truda na zavode [Improving Working Conditions in Plants] |
| Part. zhizn' (6) | Partiinaia zhizn' [Party Life] |
| Pereklichka (17a) | Pereklichka [Roll Call] |
| Perets' (1b) | Perets' [Pepper]. In Ukrainian. |
| Pionerila (1b) | Pionerila [Pioneers]. In Ukrainian. |
| Plan. khoz. (5b) | Planovoe khoziaistvo [Planned Economy] |
| Pochvovedenie | Pochvovedenie [Soil Science] |
| Polymia (11b) | Polymia [Flame]. In White Russian. |
| Prav. Rus' (3b) | Pravoslavnaia Rus' [Orthodox Russia] |
| Prep. ist. v shkole (4a) | Prepodavanie istorii v shkole [Teaching History in Schools] |
| Priroda (13a) | Priroda [Nature] |
| Prizyv (11b) | Prizyv [The Appeal] |
| Probl. endok. i gorm. (14a) | Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy] |
| Probl. istoch. (4a) | Problemy istochnikovedeniia [Problems of the Study of Historical Sources] |
| Probl. sovr. fiz. (13f) | Problemy sovremennoi fiziki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Contemporary Physics; Translations and Surveys of Foreign Periodical Literature] |
| Probl. tub. (14a) | Problemy tuberkuleza [Problems of Tuberculosis] |
| Prof.-tekh. obr. (16a) | Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education] |
| Prom. energ. (16e) | Promyshlennaia energetika [Industrial Power] |
| Prom. koop. (16f) | Promyslovaia kooperatsiia [Producers' Cooperation] |
| Ptitsevodstvo (15b) | Ptitsevodstvo [Poultry Raising] |
| Rabotnitsa (5d) | Rabotnitsa [The Woman Worker] |
| Rad. shk. (8a) | Radians'ka shkola [Soviet School]. In Ukrainian. |
| Rad. zhin. (5e) | Radians'ka zhinka [Soviet Woman]. In Ukrainian. |
| Radio (16e) | Radio [Radio] |
| Radiotekh. i elektron. (16e) | Radiotekhnika i elektronika [Radio Engineering and Electronics] |
| Raspr. pech. (2c) | Rasprostranenie pechati [Distribution of Publications] |
| Razved. i okh. nedr (16h) | Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources] |
| Rech. transp. (17b) | Rechnoi transport [Inland Water Transportation] |
| Ref. nauch. rab. VNIIKOP (16c) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut konservnoi i ovoshchesushil'noi promyshlennosti. Referaty nauchnykh rabot [All-Union Scientific Research Institute for the Canning and Dehydrated Vegetables Industry. Science Abstracts] |
| Referativnyi zhurnal: Astronomiia i geodeziia (13b) | Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy] |
| Referativnyi zhurnal: Biologiia (13c) | Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology] |
| Referativnyi zhurnal: Elektrotekhnika (16e) | Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts: Electrical Engineering] |
| Referativnyi zhurnal: Geografiia (12b) | Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography] |
| Referativnyi zhurnal: Khimiia (13d) | Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry] |
| Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia (13c) | Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry] |
| Referativnyi zhurnal: Mashinostroenie (16g) | Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machine Building] |
| Referativnyi zhurnal: Matematika (13e) | Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics] |
| Referativnyi zhurnal: Mekhanika (13f) | Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics] |
| Referativnyi zhurnal: Metallurgiia (16h) | Referativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy] |
| Remont traktorov, sel'khozmashin i avtomobilei (15a) | Sel'so; obmen opytom v sel'skom khoziaistve. Serila Remont traktorov, sel'khozmashin i avtomobilei [Sel'so; Exchange of Experience in Agriculture. Series on Repairing Tractors, Agricultural Machinery, and Trucks] |
| Repert. sbor. (9c) | Repertuarnyi sbornik dlia armeiskoi i flotskoi khudozhestvennoi samodeiatel'nosti [Repertorial Collection for Army and Navy Amateur Performances] |
| Rod. dali (1b) | Rodnye dali [Beloved Vistas] |
| Rozbudova derzhavy (6) | Rozbudova derzhavy [Establishing the State] |
| Rukovodiashchie materialy VNIIAVTOGEN (16h) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. Rukovodiashchie materialy [All-Union Scientific Research Institute of Autogenous Working of Metals. Instructions] |
| Rus.-am. prav. vest. (3b) | Russko-amerikanskii pravoslavnyi vestnik [The Russian-American Orthodox Messenger] |
| Ryb. khoz. (15b) | Rybnoe khoziaistvo [Fisheries] |
| Sakh. prom. (16c) | Sakharnaia promyshlennost' [Sugar Industry] |
| Sakh. svekla (15d) | Sakharnaia svekla [Sugar Beets] |
| Sbor. LIIZHT (16d) | Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik [Institute of Railroad Transportation Engineers. Collected Papers] |
| Sbor. [Len.] publ. bibl. (2a) | Leningrad. Publichnaia biblioteka. Sbornik [Public Library. Collected Papers] |
| Sbor. trud. Inst. elektrotekh. AN URSR (16e) | Akademiia nauk URSR, Kiev. Instytut elektrotekhniky. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Electrical Engineering. Collected Works] |
| Sbor. trud. Khar'. vet. inst. (15b) | Kharkov. Veterinarnyi institut. Sbornik trudov [Veterinar Institute. Collected Papers] |
| Sbor. trud. MISI (16d) | Moscow. Inzhenerno-stroitel'nyi institut. Sbornik trudov [Civil Engineering Institute. Collected Papers] |
| Sbor. trud. TSNIICHM (16h) | Moscow. TSentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii. Institut stali. Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy. Steel Institute. Collected Papers] |
| Sel. i sem. (15d) | Selektsiia i semenovodstvo [Plant Breeding and Seed Production] |
| Sel'. strol. (16d) | Sel'skii stroitel' [Rural Builder] |
| Sel'khoz. Povol. (15a) | Sel'skoe khoziaistvo Povolzh'ia [Agriculture of the Volga Valley] |
| Sel'khozmashina (16g) | Sel'khozmashina [The Agricultural Machine] |
| Sem'ia i shkola (8a) | Sem'ia i shkola [Family and School] |
| Shakh. v SSSR (8b) | Shakhmaty v SSSR [Chess in the U.S.S.R.] |
| Sharķ iulduzi (11b) | Sharķ iulduzi [Star of the East]. In Uzbek. |
| Sharki Surkh (11b) | Sharki Surkh [The Red East]. In Tajik. |
| Sib. ogni (11b) | Sibirskie ogni [Siberian Lights] |
| Skynteia leniniste (1b) | Skynteia leniniste [Leninist Spark]. In Moldavian. |
| Smena (5e) | Smena [The Younger Generation] |
| Soglasie (1b) | Soglasie [Concord] |
| Soob. AN Gruz. SSR (1a) | Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshchenila [Academy of Sciences of the Georgian S.S.R. Reports; Russian language edition] |
| Soob. Biur. obser. (13b) | Byurakan. Observatoriia. Soobshcheniia [Byurakan. Observatory. Reports] |
| Sots. obesp. (5a) | Sotsial'noe obespechenie [Social Security] |
| Sots. trud (5d) | Sotsialisticheskii trud [Socialist Labor] |
| Sots. vest. (6) | Sotsialisticheskii vestnik. The Socialist Courier. |
| Sov. bibl. (2a) | Sovetskaia bibliografiia [Soviet Bibliography] |
| Sov. gos. i pravo (7) | Sovetskoe gosudarstvo i pravo [The Soviet State and Law] |
| Sov. Kazakh. (11b) | Sovetskii Kazakhstan [Soviet Kazakhstan] |
| Sov. knizh. torg. (2c) | Sovetskaia knizhnaia torgovlia [Soviet Book Trade] |
| Sov. kras. krest (5e) | Sovetskii krasnyi krest [Soviet Red Cross] |
| Sov. med. (14a) | Sovetskaia meditsina [Soviet Medicine] |
| Sov. mor. (17b) | Sovetskii moriak [Soviet Sailor] |
| Sov. muz. (9b) | Sovetskaia muzyka [Soviet Music] |
| Sov. otch. (11b) | Sovetskaia otchizna [Soviet Fatherland] |
| Sov. pech. (11b) | Sovetskaia pechat' [Soviet Press] |
| Sov. pedag. (8a) | Sovetskaia pedagogika [Soviet Pedagogy] |
| Sov. profsoiuzy (5d) | Sovetskie profsoiuzy [Soviet Trade Unions] |
| Sov. Soiuz (1b) | Sovetskii Soiuz [Soviet Union] |
| Sov. torg. (5a) | Sovetskaia torgovlia [Soviet Commerce] |
| Sov. Ukr. (11b) | Sovetskaia Ukraina [Soviet Ukraine] |
| Sov. zhen. (5e) | Sovetskaia zhenshchina [Soviet Woman] |
| Sovetskie knigi (2a) | Sovetskie knigi (novinki); katalog dlia zalavok [Soviet Books (New Publications); Order Catalog] |
| Sovetskii shkol'nik (8a) | Sovetskii shkol'nik [The Soviet Schoolboy] |

| | |
|---|---|
| Sovetskoe meditsinskoe referativnoe obozrenie: Kozhnye i venericheskie bolezni (14i) | Sovetskoe meditsinskoe referativnoe obozrenie: Kozhnye i venericheskie bolezni [Abstracts of Soviet Medical Literature: Skin and Venereal Diseases] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Nevropatologiia i psikhiatriia (14c) | Sovetskoe meditsinskoe referativnoe obozrenie: Nevropatologiia i psikhiatriia [Abstracts of Soviet Medical Literature: Neuropathology and Psychiatry] |
| Sovr. probl. onk. (14a) | Sovremennye problemy onkologii; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Contemporary Problems of Oncology; Translations, Surveys and Abstracts of Foreign Periodical Literature] |
| Spirt. prom. (16c) | Spirtovaia promyshlennost' [Distilling Industry] |
| Sred. spets. obr. (8a) | Srednee spetsial'noe obrazovanie [Secondary Specialized Education] |
| Stal' (16h) | Stal' [Steel] |
| Stan. i instr. (16g) | Stanki i instrument [Machine Tools and Instruments] |
| Standartizatsiia (16a) | Standartizatsiia [Standardization] |
| Stroi. i dor. mashinostr. (16g) | Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building] |
| Stroi. mat., izdel. i konstr. (16d) | Stroitel'nye materialy, izdeliia i konstruktsii [Building Materials, Products, and Designs] |
| Stud. nauch. sbor. ERPI (1a) | Erivan. Gosudarstvennyi russkii pedagogicheskii institut. Studencheskii nauchnyi sbornik [State Russian Pedagogical Institute. Students' Scholarly Papers] |
| Svar. proizv. (16f) | Svarochnoe proizvodstvo [Welding Practice] |
| Svetotekhnika (16e) | Svetotekhnika [Illuminating Engineering] |
| Svoboda (6) | Svoboda [Freedom] |
| Svodnyi biulleten' novykh inostrannykh knig. Ser. B (2a) | Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v krupneishie biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Largest Libraries of the U.S.S.R. Series B: Social Sciences] |
| Tabak (15d) | Tabak [Tobacco] |
| Tekh. mol. (16a) | Tekhnika - molodezhi [Technology for Youth] |
| Tekhsov. MTS (15a) | Tekhsovety MTS [Technical Advice to Machine-Tractor Stations] |
| Teor. i prak. fiz-kul'. (8b) | Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education] |
| Teploenergetika (16g) | Teploenergetika [Heat Engineering] |
| Terap. arkh. (14e) | Terapevticheskii arkhiv [Therapeutic Archives] |
| Traktorist, kombainer i shofer (15a) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Traktorist, kombainer i shofer [Sel'so; Exchange of Experience in Agriculture. Series for Tractor and Combine Operators and Truck Drivers] |
| Transp. stroi. (16d) | Transportnoe stroitel'stvo [Construction for the Transportation] |
| Trudy AN Tadzh. SSR (1a) | Akademiia nauk Tadzhikskoi SSR. Trudy [Academy of Sciences of the Tajik S.S.R. Transactions] |
| Trudy Dal'nevost. bazy AN SSSR. Ser. bot. (13c) | Akademiia nauk SSSR. Dal'nevostochnaia baza, Vladivostok. Trudy. Seriia botanicheskaia [Academy of Sciences of the U.S.S.R. Far-Eastern Base. Transactions. Botanical Series] |
| Trudy Fiz. inst. (13f) | Akademiia nauk SSSR. Fizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics. Transactions] |
| Trudy GOIN (12b) | Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy [State Oceanographical Institute. Transactions] |
| Trudy Geofiz. inst. (13f) | Akademiia nauk SSSR. Geofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geophysical Institute. Transactions] |
| Trudy IGEM (12c) | Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geo- iactions] |
| | khskoi SSR, Alma-Ata. Institut botaniki. of Sciences of the Kazakh S.S.R. Insti- ransactions] |
| | t chornoi metalurgii. Ukrainian S.S.R. Transactions] |
| | kent. Institut ciences of the Power. Trans- |
| | nauk SSSR. Institut geologicheskikh nauk. Trudy [Academy of Sciences of the U.S.S.R. Institute of Geological Sciences. Transactions] |
| Trudy Inst. ist. AN Kir. SSR (4a) | Akademiia nauk Kirgizskoi SSR, Frunze. Institut istorii. Trudy [Academy of Sciences of the Kirghiz S.S.R. Institute of History. Transactions] |
| Trudy Inst. ist. i arkheol. AN Uz. SSR (4b) | Akademiia nauk Uzbekskoi SSR, Tashkent. Institut istorii i arkheologii. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of History and Archaeology. Transactions] |
| Trudy Inst. khim. AN Azerb. SSR (13d) | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut khimii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Chemistry. Transactions] |
| Trudy Inst. morf. zhiv. (13c) | Akademiia nauk SSSR. Institut morfologii zhivotnykh. Trudy [Academy of Sciences of the U.S.S.R. Institute of Animal Morphology. Transactions] |
| Trudy Inst. vod. khoz. i energ. AN Kir. SSR (16d) | Akademiia nauk Kirgizskoi SSR, Frunze. Institut vodnogo khoziaistva i energetiki. Trudy [Academy of Sciences of the Kirghiz S.S.R. Institute of Water Resources and Electric Power. Transactions] |
| Trudy Inst. zool. AN URSR (13c) | Akademiia nauk URSR, Kiev. Instytut zoologii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Zoological Institute. Transactions] |
| Trudy Instytutu geologichnykh nauk Akademii nauk URSR. Seriia stratigrafii i paleontologii (12c) | Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series] |
| Trudy KazNIGMI (13f) | Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions] |
| Trudy Komi fil. AN SSSR (1a) | Akademiia nauk SSSR. Komi filial, Syktyvkar. Trudy [Academy of Sciences of the U.S.S.R. Komi Branch. Transactions] |
| Trudy Lab. sapr. otl. (13c) | Akademiia nauk SSSR. Laboratoriia sapropelevykh otlozhenii. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Sapropelic Deposits. Transactions] |
| Trudy MAI (16b) | Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions] |
| Trudy MGI (12b) | Akademiia nauk SSSR. Morskoi gidrofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Marine Hydrophysical Institute. Transactions] |
| Trudy MGRI (12c) | Moscow. Moskovskii geologo-razvedochnyi institut. Trudy [Moscow Geological Prospecting Institute. Transactions] |
| Trudy MIIT (16g) | Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions] |
| Trudy MTEI (16g) | Moscow. Transportno-ekonomicheskii institut. Trudy [Institute of Transportation Economics. Transactions] |
| [Trudy] MVTU (16a) | Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. (Trudy) [Moscow Technical College. (Transactions)] |
| Trudy Otd. pochv. AN Kir. SSR (15a) | Akademiia nauk Kirgizskoi SSR, Frunze. Otdel pochvovedeniia. Trudy [Academy of Sciences of the Kirghiz S.S.R. Department of Soil Science. Transactions] |
| Trudy Otd. pochv. KirFAN SSSR (15a) | Akademiia nauk SSSR. Kirgizskii filial, Frunze. Otdel pochvovedeniia. Trudy [Academy of Sciences of the U.S.S.R. Kirghiz Branch. Department of Soil Science. Transactions] |
| Trudy Paleont. inst. (12c) | Akademiia nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions] |
| Trudy probl. i tem. sov. (13c) | Akademiia nauk SSSR. Zoologicheskii institut. Trudy problemnykh i tematicheskikh soveshchanii [Academy of Sciences of the U.S.S.R. Zoological Institute. Transactions of Conferences on Problems and Topics] |
| Trudy SAGU (1a) | Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta [University. Transactions of the Central Asia State University] |
| Trudy Sem. po teor. mash. (16g) | Akademiia nauk SSSR. Seminar po teorii mashin i mekhanizmov. Trudy [Academy of Sciences of the U.S.S.R. Seminar on the Theory of Machines and Mechanisms Transactions] |
| Trudy TASHIIT (16d) | Tashkent. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik nauchnykh trudov [Institute of Railroad Transportation Engineers. Collection of Scientific Works] |
| Trudy TbIIZHT (16d) | Tiflis. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions] |
| Trudy TGU (1a) | Tiflis. Universitet. Trudy [University. Transactions]. In Russian and Georgian. |
| Trudy TSAO (13f) | TSentral'naia aerologicheskaia observatoriia. Trudy [Central Aerological Observatory. Transactions] |
| Trudy TSIP (13f) | Moscow. TSentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions] |
| [Trudy] TSKTI (16g) | Leningrad. TSentral'nyi nauchno-issledovatel'skii kotloturbinnyi institut. (Trudy) [Central Scientific Research Institute of Boilers and Turbines. (Transactions)] |
| Trudy TSNII MPS (16g) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions] |
| Trudy TSNIIEVT (17b) | Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. Trudy [Central Scientific Research Institute of the Economics and Operation of Water Transportation. Transactions] |
| Trudy TSNIIGAIK (13b) | Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions] |
| Trudy TSNIIS (16d) | Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions] |

| | |
|---|---|
| Trudy Ural. politekh. inst. (16a) | Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy (Sbornik statei) [Ural Polytechnical Institute. Transactions (Collected Papers)] |
| Trudy VAGT (12c) | Vsesoiuznyi aerogeologicheskii trest. Trudy [All-Union Aerogeological Trust. Transactions] |
| Trudy VIM (15a) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mekhanizatsii sel'skogo khoziaistva. Trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture. Transactions] |
| Trudy VNIGNI (16h) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologo-razvedochnyi neftianoi institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions] |
| Trudy VNIGRI (12c) | Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions] |
| Trudy VNIIKOP (16c) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut konservnoi i ovoshchesushil'noi promyshlennosti. Trudy [All-Union Scientific Research Institute for the Canning and Dehydrated Vegetables Industry. Transactions] |
| Trudy VNIIS (15b) | Vsesoiuznyi nauchno-issledovatel'skii institut syrodel'noi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Cheese Industry. Transactions] |
| Trudy VNIIStekla (16c) | Vsesoiuznyi nauchno-issledovatel'skii institut stekla. Trudy [All-Union Scientific Research Institute of Glass. Transactions] |
| Trudy VNIIStroineftі (16h) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po stroitel'stvu ob"ektov neftianoi i gazovoi promyshlennosti. Trudy [All-Union Scientific Research Institute for Construction in Petroleum and Gas Industries. Transactions] |
| [Trudy] VNIMI (16h) | Leningrad. Vsesoiuznyi nauchno-issledovatel'skii marksheiderskii institut. (Trudy) [All-Union Mine Surveying Scientific Research Institute. (Transactions)] |
| Trudy VNITOSS (17b) | Vsesoiuznoe nauchnoe inzhenerno-tekhnicheskoe obshchestvo sudostroeniia. Trudy [All-Union Scientific and Technological Society of Shipbuilding. Transactions] |
| Trudy VSEGEI (12c) | Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions] |
| TSer. zhizn' (3b) | TSerkovnaia zhizn' [Church Life] |
| Türkmenistan kommunisti (6) | Türkmenistan kommunisti [Communist of Turkmenistan]. In Turkmen. |
| Uch. zap. AGU (1a) | Baku. Azerbaidzhanskii gosudarstvennyi universitet. Ėlmi əsərlər. Uchenye zapiski [Azerbaijan State University. Studies] |
| Uch. zap. Len. un. (1a) | Leningrad. Universitet. Uchenye zapiski [University. Scientific Records] |
| Uch. zap. MGPI (1a) | Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies] |
| Uch. zap. Ped. inst. Gerts. (8a) | Leningrad. Gosudarstvennyi pedagogicheskii institut im. A. I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Scientific Records] |
| Uch. zap. po stat. (5b) | Akademiia nauk SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. Uchenye zapiski po statistike [Academy of Sciences of the U. S. S. R. Department of Economics, Philosophy, and Law. Studies in Statistics] |
| Ud. i ur. (15d) | Udobrenie i urozhai [Fertilizers and Crops] |
| Ugol' (16h) | Ugol' [Coal] |
| Ukr. bot. zhur. (13c) | Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian. |
| Ukr. fiz. zhur. (13f) | Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]. In Ukrainian. |
| Ukr. prav. slovo (3b) | Ukrains'ke pravoslavne slovo [Ukrainian Orthodox Word]. In Ukrainian. |
| Ukraina (1b) | Ukraina [The Ukraine]. In Ukrainian. |
| Ukrains'ke hromads'ke slovo (1b) | Ukrains'ke hromads'ke slovo [Ukrainian Community Word]. In Ukrainian. |
| Ukrains'kyi zbirnyk (4a) | Ukrains'kyi zbirnyk [Ukrainian Review]. In Ukrainian. |
| Usp. fiz. nauk (13f) | Uspekhi fizicheskikh nauk [Progress in the Physical Sciences] |
| Usp. khim. (13d) | Uspekhi khimii [Progress in Chemistry] |
| Usp. mat. nauk (13e) | Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences] |
| Usp. sovr. biol. (13c) | Uspekhi sovremennoi biologii [Progress in Contemporary Biology] |
| Üzbekiston kommunisti (6) | Üzbekiston kommunisti [Communist of Uzbekistan]. In Uzbek. |
| Vedomosti Verkhovnogo Soveta SSSR (6) | Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Issued in the languages of all Union republics. |
| Vest. AN SSSR (1a) | Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U. S. S. R. Journal] |
| Vest. elektroprom. (16e) | Vestnik elektropromyshlennosti [Review of the Electrical Industry] |
| Vest. Inst. po izuch. SSSR (4a) | Institut zur Erforschung der UdSSR - Institut po izucheniiu SSSR. Vestnik [Institute for the Study of the U. S. S. R. Review] |
| Vest. khir. (14h) | Vestnik khirurgii [Review of Surgery] |
| Vest. Len. un. (1a) | Leningrad. Universitet. Vestnik [University. Review] |
| Vest. mash. (16g) | Vestnik mashinostroeniia [Machine-Building Review] |
| Vest. Mosk. un. (1a) | Moscow. Universitet. Vestnik [University. Review] |
| Vest. oto-rin. (14d) | Vestnik oto-rino-laringologii [Review of Otorhinolaryngology] |
| Vest. sviazi (16e) | Vestnik sviazi [Communications Review] |
| Vest. Vozd. Fl. (17a) | Vestnik Vozdushnogo Flota [Review of the Air Force] |
| Vest. vys. shkoly (8a) | Vestnik vysshei shkoly [Review of Schools for Higher Learning] |
| Veterinariia (15b) | Veterinariia [Veterinary Medicine] |
| Vil'nyi ukrains'kyi robitnik (5d) | Vil'nyi ukrains'kyi robitnik [The Free Ukrainian Worker]. In Ukrainian. |
| Vin. SSSR (15d) | Vinodelie i vinogradarstvo SSSR [Viticulture and Wine Making in the U. S. S. R.] |
| Vira i kul'tura (3b) | Vira i kul'tura [Faith and Culture]. In Ukrainian. |
| Visnyk AN URSR (1a) | Akademiia nauk URSR, Kiev. Visnyk [Academy of Sciences of the Ukrainian S. S. R. Journal]. In Ukrainian. |
| Visti Bratstva kolyshnykh voiakiv Pershoi Ukrains'koi Dyvizii Ukrains'koi Narodnoi Armii (17a) | Bratstvo kolyshnykh voiakiv Pershoi Ukrains'koi Dyvizii Ukraine'koi Narodnoi Armii. Visti [Brotherhood of Former Soldiers of the First Ukrainian Division of the Ukrainian National Army. News]. In Ukrainian. |
| Viz. vrem. (4a) | Vizantiiskii vremennik [Byzantine Chronicle] |
| Voen.-med. zhur. (14a) | Voenno-meditsinskii zhurnal [Journal of Military Medicine] |
| Voen. znan. (17a) | Voennye znaniia [Military Knowledge] |
| Vokrug sveta (12b) | Vokrug sveta [Around the World] |
| Vop. ekon. (5b) | Voprosy ekonomiki [Problems of the Economy] |
| Vop. geog. (12b) | Voprosy geografii [Problems of Geography] |
| Vop. geog. Kazakh. (12b) | Voprosy geografii Kazakhstana [Problems of the Geography of Kazakhstan] |
| Vop. iaz. (11a) | Voprosy iazykoznaniia [Problems of Linguistics] |
| Vop. ist. (4a) | Voprosy istorii [Problems of History] |
| Vop. min. osad. obr. (12c) | Voprosy mineralogii osadochnykh obrazovanii [Mineral Problems of Sedimentary Deposits] |
| Vop. neirokhir. (14h) | Voprosy neirokhirurgii [Problems of Neurosurgery] |
| Vop. okh. mat. i det. (14b) | Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care] |
| Vop. onk. (14a) | Voprosy onkologii [Problems of Oncology] |
| Vop. pit. (13c) | Voprosy pitaniia [Problems of Nutrition] |
| Vop. proizv. stali (16h) | Voprosy proizvodstva stali [Problems of Steel Production] |
| Voprosy radiolokatsionnoi tekhniki (16e) | Voprosy radiolokatsionnoi tekhniki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Radar Engineering; Translations and Surveys of Foreign Periodical Literature] |
| Vozhatyi (8a) | Vozhatyi [Pioneer Guide] |
| Vsem. prof. dvizh. (5d) | Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement] |
| Vsesvit (1b) | Vsesvit [The Universe]. In Ukrainian. |
| Zap. Vses. min. ob-va (12c) | Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Records] |
| Zashch. rast. ot vred. i bol. (15d) | Zashchita rastenii ot vreditelei i boleznei [Protecting Plants Against Diseases and Pests] |
| Zav. lab. (16h) | Zavodskaia laboratoriia [The Factory Laboratory] |
| Zdorov'e (14a) | Zdorov'e [Health] |
| Zemledelie (15d) | Zemledelie [Agriculture] |
| Zhel. dor. transp. (16g) | Zheleznodorozhnyi transport [Railroad Transportation] |
| Zhil.-kom. khoz. (16d) | Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services] |
| Zhivotnovodstvo (15b) | Zhivotnovodstvo [Animal Husbandry] |
| Zhur. eksp. i teor. fiz. (13f) | Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics] |
| Zhur. fiz. khim. (13d) | Zhurnal fizicheskoi khimii [Journal of Physical Chemistry] |
| Zhur. mikrobiol. epid. i immun. (14a) | Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology] |
| Zhur. Mosk. Patr. (3b) | Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate] |
| Zhur. nauch. i prikl. fot. i kin. (16c) | Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography] |
| Zhur. neorg. khim. (13d) | Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry] |
| Zhur. nevr. i psikh. (14c) | Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry] |
| Zhur. ob. khim. (13d) | Zhurnal obshchei khimii [Journal of General Chemistry] |
| Zhur. prikl. khim. (16c) | Zhurnal prikladnoi khimii [Journal of Applied Chemistry] |
| Zhur. tekh. fiz. (16a) | Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics] |
| Zhur. vys. nerv. deiat. (14c) | Zhurnal vysshei nervnoi deiatel'nosti [Journal of the Higher Nervous Function] |
| Zmina (5e) | Zmina [The Younger Generation]. In Ukrainian. |
| Znamia (11b) | Znamia [The Banner] |
| Znamia Ros. (6) | Znamia Rossii [The Banner of Russia] |
| Znan. sila (13a) | Znanie - sila [Knowledge is Power] |
| Zvezda (11b) | Zvezda [The Star] |

ACTH
Effect of the adrenocorticotrophic hormone (ACTH) on the course of rheumatic fever in children. M. M. Bubnova, E. I. Shcherbatova. Vop. okh. mat. i det. 1 no. 5:54-59 S-O '55.

ABDOMEN—SURGERY
Postoperative pneumoperitoneum. G. A. Mezentsev. Khirurgiia. 32 no. 7:82-83 Jl '56.

ABDOMEN—WOUNDS AND INJURIES
Mel'nikov, A.V. [Clinical aspects and prevention of transperitoneal and pelvic phlegmon in patient with abdominal wounds] Klinika i profilaktika zabriushinnykh i razovykh flegmon u ranennykh v zhivot. [Leningrad] Medgiz, 1956. 298 p. (DAFM)

ABESADZE, KETEVANA IULIANOVNA, d. 1955
K. IU. Abesadze; obituary. V. G. Aleksandrov. Bot. zhur. 41 no. 9:1401-1402 S '56.

ABKHAZIA—VITICULTURE
Prospective development of viticulture in Abkhazia. L. N. Zodelava. Vin. SSSR 16 no. 5:43-44 '56.

ABORTION IN ANIMALS
Trilenko, P.A. [Diagnosis of infectious abortion in cattle] Diagnostika infektsionnykh abortov krupnogo rogatogo skota. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 286 p. (DA)

ABRAMTSEVO—VIEWS
[Abramtsevo; a collection of post cards] Abramtsevo; komplekt otkrytok. [Moskva, Izogiz, 1956] [4] p., 12 post cards (in portfolio)

ABRASIVE WHEELS see Grinding wheels

ABRASIVES
Causes of the grinding capacity decrease of abrasive during lapping operations. N. I. Bogomolov. Stan. i instr. 27 no. 9:22-23 S '56.

ABSCESS
Intra-arterial infusions of novocaine with penicillin in the treatment of inflammatory diseases of the extremities. A. A. From. Khirurgiia. 32 no. 7:41-44 Jl '56.
Treating suppurative diseases of the skin and subcutaneous cellular tissue by opening the focus of infection. D. IA. Linnikov, I. M. Sobkevich. Voen.-med. zhur. no. 7:85 Jl '56.

ABSORBENTS
Classification of industrial absorbents for hydrogen sulfide by their thermodynamic characteristics. M. S. Litvinenko, S. P. Lundin. Zhur. prikl. khim. 29 no. 4: 543-548 Ap '56.

ABSORPTION
More on the possibility of solar energy absorption by crystalline matter of the earth. V. I. Lebedev. Izv. AN SSSR. Ser. geol. 21 no. 8:91-100 Ag '56.

ABSORPTION SPECTRA
Investigation of polypeptide chain structure by the infra-red absorption spectra method [with English summary in insert]. D. N. Shigorin, N. V. Mikhailov, D. A. Kliueva. Zhur. fiz. khim. 30 no. 7:1591-1595 Jl '56.
Problems of continuity or variation in the form of curves showing interstellar absorption in different regions of the sky. N. V. Bystrova. Astron. zhur. 33 no. 4:563-567 Jl-Ag '56.

ABSTRACT WRITING see Précis writing

ABUTILON
Abutilon. B. IU. Murinson. Priroda 45 no. 10:113-114 O '56.

ACADEMIC DECORATIONS OF HONOR see Decorations of honor, Academic

ACADEMY OF SCIENCES OF THE TAJIK S.S.R.
Opening speech by Academician E. N. Pavlovskii, honorary member of the Academy of Sciences of the Tajik S.S.R. Trudy AN Tadzh. SSR 31:7-9 '55.
Short report on the work of the meeting. Trudy AN Tadzh. SSR 36:3-5 '55.

ACADEMY OF SCIENCES OF THE U.S.S.R.
(see also subdivision under Soviet Far East)
Academy of Sciences and conservation of nature. L. K. Shaposhnikov. Okhr. prir. i zapov. delo v SSSR no. 1: 117-128 '56.
Appointments and transfers. Vest. AN SSSR 26 no. 9:89 S '56.
General expeditions of the Academy of Sciences of the U. S. S. R. Priroda 45 no. 11:108-109 N '56.
Gold medals and name prizes awarded by the Academy. Vest. AN SSSR 26 no. 10:88-89 O '56.
Results of the work of Moscow scientists. Vest. AN SSSR 26 no. 9:85-86 S '56.

ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R.
In the Presidium of the Academy of Sciences of the Ukrainian S. S. R. Visnyk AN URSR 27 no. 9:47-49 S '56.

ACCELERATORS, ELECTRON see Particle accelerators

ACCLIMATIZATION
Certain problems concerning the biological foundation of acclimatizing the Pacific salmons. A. I. Smirnov. Ryb. khoz. 32 no. 10:54-56 O '56.
Parasitology and conservation of acclimatized and indigenous animals. V. B. Dubinin. Okhr. prir. i zapov. delo v SSSR no. 1:88-95 '56.
Water metabolism in Lincoln sheep during their acclimatization to the continental climate. A. M. Amarbaev. Dokl. Akad. sel'khoz. 21 no. 10:40-43 O '56.

ACCLIMATIZATION (PLANTS) see subdivision under Tomsk

ACCOUNTING
All-Union conference on training and improving qualifications of accounting employees. Bukhg. uchet 15 no. 10: 63 O '56.
"Analysis of the economic activity of enterprises." Reviewed by A. Margulis. Bukhg. uchet 15 no. 10: 57-62 O '56.
Inventory method of accounting for output in assembly line mass production. G. Grinberg. Bukhg. uchet 15 no. 9:6-8 S '56.
The journal-voucher form no. 4 and register forms nos. 3 and 5. A. IAkovlev. Bukhg. uchet 15 no. 10: 28-34 O '56.
Khramov, O.O. [Business accounting and the earning capacity of an industrial enterprise] Hospodars'kyi rozrakhunok i rentabel'nist' promyslovoho pidpryiemstva. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1956. 67 p. (Na dopomohu ekonomichnii osviti)
Organization of material control at repair enterprises. L. Abramkov. Bukhg. uchet 15 no. 10:35-37 O '56.
Raise the standard of analyzing the productive activity of enterprises. Bukhg. uchet 15 no. 9:1-5 S '56.
Reports of supply organizations. V. Stepanova, L. El'iashev. Bukhg. uchet 15:25-27 O '56.
Simplified initial forms for labor and wage accounting. N. A. Serdinova. Strot. i dor. mashinostr. 1 no. 10: 30-31 O '56.
Some simplifications in the journal-voucher form of bookkeeping. M. Berezin, G. Kal'manson, A. TSerkovnikov. Bukhg. uchet 15 no. 10:38-47 O '56.
Standard per diem and quarters allowances for special assignments. M. Fomin. Bukhg. uchet 15 no. 10:53-56 O '56.
"Standard production accounting." N. Ivanov. Reviewed by A. Nikol'skii. Bukhg. uchet 15 no. 9:56-59 S '56.

ACCOUNTING—BIBLIOGRAPHY see Bibliography—Accounting

ACCOUNTING—MACHINE METHODS see Machine accounting

ACCUMULATORS see Storage batteries

ACETIC ACID
Chemical removal of formic acid from acetic acid with potassium permanganate and bichromate. Z. K. Fedoseeva, G. N. Freidlin. Khim. prom. no. 6:306-307 Jl-Ag '56.
Electrophysiological investigation of the mechanisms of chemoreception. Report no. 2: Modification of afferent impulses in intestinal nerves during the action of carbon dioxide and novocaine and during metabolic disorders induced by monoiodoacetic acid. N. A. Anikina. Biul. eksp. biol. i med. 42 no. 8:6-12 Ag '56.
Ethyl acetate extraction of acetic acid from a solution containing tar. IA. N. Ukolov. Gidroliz. i lesokhim. prom. 9 no. 5:19-20 '56.
Inactivation of cobalt in the body with ethylenediaminetetraacetic acid. I. N. Bol'gova. Biul. eksp. biol. i med. 42 no. 8:51-53 Ag '56.
Study of the density and viscosity of binary systems formed by urea with acetic acid and its chlorine derivatives. IU. I. Boklovkina. Zhur. ob. khim. 26 no. 9:2444-2448 S '56.
Study of the reactions of acetic acid anhydride as affected by certain solid catalysts. Part 1. Conversion of the acetic anhydride and of its mixtures with water on S. V. Lebedev's catalyst. IU. A. Gorin, G. A. Serpik. Zhur. ob. khim. 26 no. 9:2444-2452 S '56.
Volumetric determination of sulfates. O. S. Vaigel', L. S. Foshko. Elek. sta. 27 no. 8:54-55 Ag '56.

ACETIC ACID—STUDY AND TEACHING
"Production of acetic acid" as a class subject. V. A. Poliakova. Khim. v shkole 11 no. 5:37-40 S-O '56.

ACETIC ANHYDRIDE
Physicochemical study of the system: water - acetic anhydride - dioxane. K. N. Kovalenko, N. A. Trifonov, G. S. Tissen. Zhur. ob. khim. 26 no. 9:2404-2410 S '56.

ACETOACETIC ACID
Synthesis of hydrocarbons. Part 65. Diacetates of saturated 1,4-diols. R. IA. Levina, IU. S. Shabarov. Vest. Mosk. un. 11 no. 6:61-66 Je '56.

ACETYLCHOLINE
Conditioned reflex changes in certain blood components. T. Kh. Stepanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:15-21 S '56.
Nature of the chemical substances of blood during the periodic activity of the digestive apparatus when and in the process of digesting. G. G. Stepanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:3-8 S '56.
Physiology of vascular receptors. R. A. Dyrenkova. Fiziol. zhur. [Ukr.] 1 no. 4:70-74 Jl-Ag '55.

ACETYLENE
Mechanism of acetylene polymerization. S. A. Vartanian, S. K. Pirenian. Dokl. AN Arm. SSR 23 no. 1:21-25 '56.
Production of acetylene by oxidising pyrolysis of methane. B. S. Grinenko. Khim. i tekh. topl. no. 10:19-25 O '56.

ACETYLENE GENERATORS
Brass valve for a water safety shut-off device on acetylene generators. V. E. Kuryshov. Svar. proizv. no. 9:34 S '56.
Fixed GMK-10 acetylene generators. Mor. flot 16 no. 10:26-27 O '56.

ACIDS, INORGANIC
Speed of sound and the compressibility of aqueous solutions of inorganic acids. I. G. Mikhailov, V. A. Shutilov. Vest. Len. un. 11 no. 16:16-28 '56.
Velocity of sound and the compressibility of aqueous solutions of inorganic acids. I. G. Mikhailov, V. A. Shutilov. Dokl. AN SSSR 110 no. 1:116-118 S-O '56.

ACIDS, ORGANIC
Methods of determining organic acids in must and wine. A. K. Rodopulo. Vin. SSSR 16 no. 8:9-11 '56.
Permanganatometric determination of certain organic hydroxy acids. A. S. Moldakova. Dep. (s perv. L'vov. un. no. 3, pt. 2):32-33 '52.

ACKER, ACHILLE VAN, 1898-
Achille van Acker. Nov. vrem. 14 no. 43:30-31 O '56.

ACOUSTICAL MATERIALS
Acoustic blocks. A. Kacherovich, E. Khomutov. Arkh. SSSR no. 10:30-33 '56.

ACOUSTICS—CONGRESSES see subdivision under Cambridge, Mass.

ACRIDANONE

Preparation of the fluorescent indicator: 4-ethoxyacridone. G. N. Kosheleva. Zhur. ob. khim. 26 no. 9:2567-2569 S '56.

ACRYLONITRILE

Kinetics and mechanism of polymerization initiated by redox systems. Part 2. Polymerization in aqueous solution of methacrylic acid and acrylonitrile in the presence of certain redox systems [with English summary in insert]. T. M. Gritsenko, S. S. Medvedev. Zhur. fiz. khim. 30 no. 7:1513-1520 Jl '56.

ACTINIDE SERIES

"The actinide elements." G. T. Seaborg, J. J. Katz, eds. Reviewed by G. V. Ellert, R. N. Shchelokov. Zhur. neorg. khim. 1 no. 7:1688-1693 Jl '56.

ACTINOMYCES

Antivirubin, an antiviral antibiotic, produced by Actinomycea longispororuber [with summary in French, p. 62]. G. A. Trenina and others. Antibiotiki 1 no. 4:9-13 Jl-Ag '56.

Recovery, purification, and characteristics of actinomycins formed by various cultures of Actinomyces antagonista [with summary in French, p. 62]. M. G. Brazhnikova and others. Antibiotiki 1 no. 4:3-5 Jl-Ag '56.

ACTINOMYCOSIS

Asnin, D.I. [Immunodiagnosis of actinomycosis] Immunodiagnostika aktinomikoza. Moskva, Gos. izd-vo med. lit-ry, 1956. 89 p., illus. (DAFM)

ACTORS, UKRAINIAN

Young actors on parade. Mystetstvo no. 4:33 Jl-Ag '56.

ADAMOVKA DISTRICT—RUSSIAN NEWSPAPERS

This is why the newspaper is dull. IA. Sukhorukov. Sov. pech. no. 10:18-19 O '56.

ADEN

Travel notes. Suez Canal - Aden - Singapore. Tekh. mol. 24 no. 10:26-29 O '56.

ADHESION

New thermodynamic method for determining cohesive forces between fluids and solids. IU. N. Andreev. Nauch. trudy MPI no. 3:91-111 '55.

ADHESIVES

For further economy of adhesive materials in the plywood industry. Der. prom. 5 no. 10:9-10 O '56.

ADIPIC ACID

Preparation of adipic acid by the oxidation of cyclohexanol with nitric acid. E. N. Zil'berman, S. N. Suvorova, Z. S. Smolian. Zhur. prikl. khim. 29 no. 4:621-627 Ap '56.

ADMINISTRATION, AGRICULTURAL see Agricultural administration

ADOLESCENCE

From childhood to youth. L. Pysareva. Rad. zhin. 11 no. 10:28 O '56.

ADONIS

Aksel'rod, D.M. [Adonis vernale] Goritsvet vesennii. Moskva, Medgiz, 1955. 11 p (DA)

ADOPTION

Adoption. A. Vakaberg. Sem'ia i shkola 11 no. 11: 27-28 N '56.

ADRENAL GLANDS

Effect of hormones of the adrenal cortex on serum protein fractions. Report no. 1. Effect of adrenalectomy on serum proteins. T. K. Valuieva. Fiziol. zhur. [Ukr.] 1 no. 4:90-96 Jl-Ag '56.

Mechanism of action of sympathetic innervation on periodic motor function of the stomach in dogs. R. Z. Bogdanov, I. V. Senkevich. Biul. eksp. biol. i med. 42 no. 8:3-6 Ag '56.

ADSORPTION

Absorption spectra of some organic compounds adsorbed by potassium chloride. O. V. Fialkovskaia. Opt. i spektr. 1 no. 4:595-597 Ag '56.

Adsorption of carboxymethylcellulose on clays [with English summary in insert]. N. A. Zavorokhina, V. G. Ben'kovskii. Koll. zhur. 18 no. 5:536-539 S-O '56.

Certain problems in the adsorption dynamics in a suspended layer of the adsorbent. P. G. Romankov, V. N. Leplin. Zhur. prikl. khim. 29 no. 4:548-553 Ap '56.

Effect of iron cation content in bentonite on the absorption spectra of adsorbed amines. A. I. Sidorova. Opt. i spektr. 1 no. 4:584-587 Ag '56.

Effect of temperature and of the linear velocity of gas on the rate of adsorption of nitrogen oxides by sulfuric acid. A. S. Bukhman, K. M. Malin. Zhur. prikl. khim. 29 no. 4:513-519 Ap '56.

Infrared absorption spectrum analysis of the interaction of molecules with aluminosilica and silica gel surfaces. V. N. Filimonov. Opt. i spektr. 1 no. 4:490-499 Ag '56.

Infrared spectrum of pyridine adsorbed on deuterized microporous glass. V. A. Nikitin. Opt. i spektr. 1 no. 4:593-594 Ag '56.

Nature of molecular interactions in adsorption. B. V. Il'in. Zhur. neorg. khim. 1 no. 7:1559-1565 Jl '56.

Studying the effect of cations and anions on adsorption in offset printing. I. R. Klimchko and others. Nauch. trudy MPI no. 3:77-90 '55.

ADULT EDUCATION

Gromova, N. P. [Visual aids for propaganda on collective farms] Naglidnaia agitatsiia v kolkhoze. [Moskva] Moskovskii rabochii, 1956. 61 p. (Bibliotechka sel'skogo partrabotnika)

Patronage aid group on collective farms. Blok. agit. no. 31:31-36 N '56.

ADVERTISING—BOOKS

An unfairly forgotten method of advertising. I. F. Sov. knizh. torg. no. 8:8 Ag '56.

ADYGE AUTONOMOUS PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

In the Adyge Autonomous Province. S. Pshikhozhev. Raspr. pech. no. 9:17 S '56.

AERIAL GUNNERY

Use of aerial targets. N. P. Marchukov. Vest. Vozd. Fl. 39 no. 6:64-68 Je '56.

AERIAL PHOTOGRAMMETRY

"Aerial photogrammetry." N. K. Karpovich. Reviewed by V. G. Lisitskii. Vest. Vozd. Fl. 39 no. 6:84 Je '56.

Determining elements of reciprocal orientation of aerial photographs by means of orthogonal projection of points onto the plane perpendicular to the base of photography. IA. I. Gebgart. Geod. i kart. no. 6:31-42 Ag '56.

Estimating the alignment of aerial films by means of graphic interpolation of vertical parallaxes. G. D. Krasheninnikov. Geod. i kart. no. 6:43-47 Ag '56.

Shershen', A. I. [Aerial photographic surveying; mapping process] Aerofotos"emka; lentos"emochnyi protsess. Moskva, Izd-vo geodezicheskoi i kartograficheskoi lit-ry, 1949. 251 p.

Undistorted model technique for determining the geodetic elevation of photographing and the horizontal parallax of points in connection with photogrammetric condensation of the control survey net. V. S. Romanov. Geod. i kart. no. 7:15-17 S '56.

Using phototheodolites in preparing aerial photographs in connection with compiling topographic maps of high elevation regions. A. G. Vanin. Geod. i kart. no. 7: 8-14 S '56.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERIAL ROCKETS see Rockets (Aeronautics)

AERODYNAMIC MEASUREMENTS

Natural oscillation technique for measuring rotational moment derivatives. N. I. Akentov, IU. I. Sabaitis. Zhur. tekh. fiz. 26 no. 9:2049-2056 S '56.

AERODYNAMICS

Arzhanikov, N. S., and V. N. Mal'tsev. [Aerodynamics] Aerodinamika. Izd. 2-oe. Moskva, Gos. izd-vo obor. promyshl., 1956. 483 p.

Heat transfer and aerodynamic resistance of bundles of smooth tubes in a gas stream at high Reynolds numbers. M. F. Linpin. Teploenergetika 3 no. 9:40-52 S '56.

AERODYNAMICS, SUPERSONIC

Supersonic aerodynamics. 10. Supersonic flow pressure on the surface of plane bodies. V. S. Pyshnov. Vest. Vozd. Fl. 39 no. 5:59-64 My '56.

Supersonic aerodynamics. 12. Lift force in supersonic aerodynamics. V. S. Pyshnov. Vest. Vozd. Fl. 39 no. 6:57-63 Je '56.

AERONAUTICAL INSTRUMENTS

New AGI-1 training apparatus. Vest. Vozd. Fl. 38 no. 5: 78-79 My '56.

Use of an automatic pilot at high altitudes. A. G. Stebunov. Vest. Vozd. Fl. 38 no. 6:70-72 My '56.

Using a combined course indicator and radio bearing. B. P. IArunin. Vest. Vozd. Fl. 38 no. 5:34-38 My '56.

AERONAUTICS

(see also subdivision under Great Britain; Ukraine)

At the "Vestnik Vozdushnogo Flota" readers' conferences. Vest. Vozd. Fl. 39 no. 6:95-96 Je '56.

Creative work of innovators at the Academy. Vest. Vozd. Fl. 39 no. 6:78-80 Je '56.

Debatable problems. P. Semenov. Grazhd. av. 13 no. 9: 32 S '56.

Vetchinkin, V.P. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. [Dynamics of aircraft] Dinamika samoleta. 1956. 422 p.

AERONAUTICS—ACCIDENTS see subdivision under Korea, South

AERONAUTICS—EXHIBITIONS

Exhibition of works by innovators and inventors. Vest. Vozd. Fl. 39 no. 5:86 My '56.

AERONAUTICS—FLIGHTS see subdivision under China

AERONAUTICS—MEDICAL ASPECTS see Aviation medicine

AERONAUTICS—NAVIGATION see Navigation (Aeronautics)

AERONAUTICS—PROBLEMS, EXERCISES, ETC.

Determining the wind during night flying. How can one rapidly determine the Δ t°correction of the thermometer reading? and other questions. Vest. Vozd. Fl. 38 no. 5:89 My '56.

How long will it take a fighter plane to intercept its target? Will the airplane take off? and other solutions. Vest. Vozd. Fl. 38 no. 5:90-91 My '56.

What is the best method for braking? What is the correct way of using a navigation indicator? and other questions. Vest. Vozd. Fl. 39 no. 6:86 Je '56.

Will the airplane take off? How can one determine the radius of the turn of an airplane? and other solutions. Vest. Vozd. Fl. 39 no. 6:86-87 Je '56.

AERONAUTICS—STUDY AND TEACHING

Conduct a more practical combat training of pilots. Vest. Vozd. Fl. 38 no. 5:3-7 My '56.

Correlation between the theory of flight and flight training. F. A. Kirillov. Vest. Vozd. Fl. 38 no. 5:65-69 My '56.

Educational work of squadron commanders. 2. Studying personnel. IU. A. Ermolaev. Vest. Vozd. Fl. 38 no. 5:12-15 My '56.

More visual aids in training. A. Kobelev. Grazhd. av. 13 no. 9:11 S '56.

New AGI-1 training apparatus. Vest. Vozd. Fl. 38 no. 5:78-79 My '56.

Use all possibilities for increasing technical knowledge. M. P. Anokhin, S. I. Cherniakov. Vest. Vozd. Fl. 39 no. 6:69-72 Je '56.

AERONAUTICS, COMMERCIAL

(see also subdivision under China; Germany, East; Sakhalin)

Diary of civil aviation. Grazhd. av. 13 no. 9:35 S '56.

Financial discipline is the absolute law for every subdivision. A. Gorshkov. Grazhd. av. 13 no. 9:1-2 S '56.

Give care and attention to passengers. G. Piskov. Grazhd. av. 13 no. 9:24-26 S '56.

On the airways of the country. Kryl. rod. 7 no. 9:6-8 S '56.

Work results of Air Fleet subdivisions for the last seven months. Grazhd. av. 13 no. 9:2 S '56.

AERONAUTICS, MILITARY

Ground support action by attack airplanes on objectives in mountain combat. L. M. Shishov. Vest. Vozd. Fl. 38 no. 5:9-11 My '56.

AERONAUTICS IN AGRICULTURE

(see also subdivision under Kazakhstan)

An-2 at the construction site of the Bratsk Hydroelectric Power Station. I. Lubianov. Grazhd. av. 13 no. 9:33 S '56.

What hampers the use of aviation on collective farms. V. Shumilin. Grazhd. av. 13 no. 9:29 S '56.

AERONAUTICS IN FISHING

Television in the aerial location of fish. A. P. Golenchenko. Priroda 45 no. 11:104-105 N '56.

AERONAUTICS IN FORESTRY

Samoilovich, G.G. [The use of aviation and aerial photography in forestry; forestry aviation and aerial photography] Primenenie aviatsii i aerofotos"emki v lesnom khoziaistve; lesnaia aviatsiia i aerofotos"emka. Moskva, Goslesbumizdat, 1953. 476 p.

AERONAUTICS IN GEOLOGY

(see also subdivision under Kazakhstan)

Using helicopters for geological surveying and prospecting. N. N. Kostenko, N. V. Proskurin, N. M. Chebdarov. Razved. i okh. nedr 22 no. 7:32-38 Jl '56.

AERONAUTICS IN METEOROLOGY see subdivision under Soviet Far East

AEROSOLS

Effect of air ionization on the disperse phase of aerocolloids [with English summary in insert]. K. M. Marzhanov, N. I. Peterimova, N. S. Smirnov. Koll. zhur. 18 no. 5:574-577 S-O '56.

Korotkikh, G.I. [Aerosols and their use in agriculture] Aerozoli i ikh primenenie v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 111 p. (DA)

Modeling of a spark discharge between regions of space charge concentration [with English summary in insert]. V. I. Arabadzhi. Koll. zhur. 18 no. 5:513-514a S-O '56.

Technic of aerosol inhalation in experimentation. P. S. Koren'kov. Vest. oto-rin. 18 no. 5:23-28 S-O '56.

AESTHETICS

Kublanov, B. G. [Aesthetic sense and art] Esteticheskoe chuvstvo i iskusstvo. [L'vov] Izd-vo L'vovskogo univ., 1956. 80 p.

AFFORESTATION
(see also subdivision under Issyk-Kul Province)

Sus, N.L., ed. [Land improvement through afforestation] Agrolesomelioratsiia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 510 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

AFGHANISTAN—FOREIGN ECONOMIC RELATIONS—RUSSIA

Interview with Mohammed Daoud, Prime Minister of Afghanistan. Nov. vrem. 14 no.46:20 N '56.

AFGHANISTAN—FOREIGN RELATIONS—RUSSIA

Friendship that has stood the test of time. Sov. Soiuz no. 11:4 N '56.

Soviet-Afghan communique. Nov. vrem. 14 no.46: insert:2 N '56.

AFGHANISTAN—GEOGRAPHY

Bochkarev, P.S. [Afganistan; a geographical sketch] Afganistan; geograficheskii ocherk. Izd. 2-oe. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 39 p. (U karty mira)

AFGHANISTAN—RELATIONS (GENERAL) WITH RUSSIA

Afghan guests in the U.S.S.R. Ogonek 34 no.44:3 O '56.

AFRICA—BOTANY

Baranov, P.A. [In tropical Africa; a botanist's notebook] V tropicheskoi Afrike; zapiski botanika. Moskva, Izd-vo Akademii nauk SSSR, 1956. 272 p.

AFRICA—ECONOMIC CONDITIONS

W.F.T.U. urges the establishment of an economic comission for Africa. Vsem. prof. dvizh. no. 9 insert:11-12 S '56.

AFRICA—FRENCH COLONIES—TRADE UNIONS

French Equatorial Africa and Cameroons get ready for the conference of African trade unions. Mayoa Beck. Vsem. prof. dvizh. no. 9:38-40 S '56.

AFRICA, SOUTHWEST—POLITICS AND GOVERNMENT

The international court on the international status of Southwest Africa. F. Ivanov. Sov. gos. i pravo no. 8: 73-81 '56.

AFRICA, UNION OF SOUTH see South Africa, Union of

AGE

Effect of age on the development and course of alloxan diabetes in rats. E.R. Guglin, G.V. Danilevich. Fiziol. zhur. 42 no.5:383-388 My '56.

Effect of dynamic work on muscle capacity in man at various ages. O.F. Maksymova. Fiziol. zhur. [Ukr.] 1 no.4:64-69 Jl-Ag '55.

Nauchnaia konferentsiia po vozrastnoi morfologii i fiziologii, 2d, 1955. [Proceedings of the Second Scientific Conference on the Morphology and Physiology of Age] Trudy... Pod red. A.A.Markosiana. Moskva, Izd-vo Akademii pedagogicheskikh nauk RSFSR, 1956. 294 p.

AGGRESSION (INTERNATIONAL LAW)

Nonaggresion is the principle for maintaining peace and international security. G.V. Sharmazanashvili. Sov. gos. i pravo no.8:82-87 '56.

AGISHEV, RUSTAM

People and gardens ("Green book." Rustam Agishev. Reviewed by IU. Lesokhin). Mol. kolkh. 23 no.9:28 S '56.

AGRICULTURAL ADMINISTRATION

Interuniversity conference on the division of the U.S.S.R. into natural districts for agricultural purposes. D. Vilenskii. Vest. Mosk. un. 11 no.6:161-162 Je '56.

[The new planning system in action] Novyi poriadok planirovaniia v deistvii. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 331 p.

AGRICULTURAL CHEMICALS

Twenty-fifth anniversary of Voskresensk Chemical Combine. M.A. Sveshnikov, A.M. Andreichenko. Khim. prom. no.5:297-298 Jl-Ag '56.

AGRICULTURAL CLIMATOLOGY see Crops and climate

AGRICULTURAL CREDIT

Eliminate shortcomings in planning the extension of credit to collective farms. N. Latyshev. Fin. SSSR 17 no.10:53-55 O '56.

AGRICULTURAL EDUCATION see subdivision under Bulgaria

AGRICULTURAL EXHIBITIONS see subdivision under Moscow; Verona, Italy

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Latvia; Tibet

AGRICULTURAL IMPLEMENTS

Device for husking corn. N.P. Bogach. Kukuruza 1 no.8:55 Ag '56.

AGRICULTURAL LABORERS
(see also subdivision under Altai Territory)

Martyshev, P.I. [Work honorably on the collective farm] Chestno trudit'sia v kolkhoze. [Kuibyshev] Kuibyshevskoe kn-vo, 1955. 23 p. (DA)

Use of hired labor in cotton growing of Azerbaijan at the end of the 19th and the beginning of the 20th century [in Azerbaijani with summary in Russian]. I.N. Usifov. Izv. AN Azerb. SSR no.8:107-115 Ag '56.

AGRICULTURAL LAWS AND LEGISLATION

New contract of machine-tractor stations with collective farms in practice. P.D. Indychenko. Nauk. zap. Kiev. un. 9 no.4:85-104 '50.

New developments in collective farm democracy. P.P. Piatnitskii. Sov. gos. i pravo no.8:128-131 '56.

AGRICULTURAL LIBRARIES see subdivision under Leningrad

AGRICULTURAL MACHINERY
(see also subdivision under China; Rostov-on-Don)

Baikov, T.P., and others. [Agricultural machinery and spare parts; a reference manual] Sel'skokhoziaistvennye mashiny i zapasnye chasti k nim; spravochnik. Izd. 3-e, ispr. i dop. Pod red. P.M. Safronova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry,
Vol. 1. [Machines for tilling, sowing and planting, mechanization of livestock farms, for the protection of plants from pests and primary processing of industrial crops] Mashiny dlia obrabotki pochvy, poseva i posadki, mekhanizatsii zhivotnovodstva, dlia zashchity rastenii ot vreditelei i pervichnoi obrabotki tekhnicheskikh kul'tur. 1956. 706 p.

Cleaning flaxseed on collective farms. A.A. Krytov. Len i konop. no.8:23-25 O '56.

Comments on two problems in Academician B.S. Svirshchevskii's book "Operating machines and tractors." V.P. Popov. Sel'khozmashina no.9:32 S '56.

Efficiency rating of potato harvesting machines. G.B. Neiman. Dokl. Akad. sel'khoz. 21 no.10:44-47 '56.

Hitch for cultivating orchards. A. Solovei, A. Chekalov. Tekhsov. MTS 17 no.17:9-11 S '56.

Improving the STU-6, 7 hay stacker. A. Pereverzev. Tekhsov. MTS 17 no.10:1-10 Ag '56.

The machine works independently. G. Ostroumov. Krest'ianka 35 no.11:25-26 N '56.

[Manual for leaders of tractor brigades] Spravochnik brigadira traktornoi brigady. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 803 p.

Maisepuro, M.E. [Productive application of Academician V.P. Goriachkin's teachings in research on the mechanization of agriculture] Tvorcheskoe primenenie ucheniia akademika V.P. Goriachkina v nauchnykh issledovaniiakh po mekhanizatsii sel'skogo khoziaistva. Minsk, Izd-vo Akademii nauk BSSR, 1956. 207 p.

Mechanized removing of silage from trenches and pits. A. Kovalenko, I. Karevin. Tekhsov. MTS 17 no.10: 1-14 S '56.

New machinery for cotton growing. Khlopkovodstvo 6 no.9:58-59 S '56.

Problem of work mechanization in improving natural forage lands. G.M. Buzenkov. Zemledelie 4 no.10: 86-90 O '56.

Some problems in intensifying production in the steppe region. IU.P. Kovyrialov. Sel'khoz. Povol. no.9:60-63 S '56.

AGRICULTURAL MACHINERY—EXHIBITIONS
(see also subdivision under Markkleeberg, Germany)

Agricultural machinery at the industrial exhibition in Milan, Italy (1956). A. Novikov. Tekhsov. MTS 17 no.17:15 S '56.

AGRICULTURAL MACHINERY—REPAIRING

[Series on repairing tractors, agricultural machinery, and trucks.] Remont traktorov, sel'khozmashin i avtomobilei no.11 N '56.

AGRICULTURAL MACHINERY—TRANSPORTATION

Osipov, V.T. [Routing the transportation of grain and agricultural machinery] Marshrutizatsiia perevozok zerna i sel'skokhoziaistvennykh mashin. Moskva, Gos. trans. zhel-dor. izd-vo, 1956. 30 p. (DA)

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under China)

Have agricultural machinery plants ready to start fulfilling the 1957 plan. Sel'khozmashina no.9:1-2 S '56.

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL PESTS
(see also subdivision under United States)

Birds trained for hunting, in the service of agriculture ("Training wild birds for hunting" [in Hungarian] by Loránt Bástyai. Reviewed by G.P. Dementiev). Priroda 45 no.11:119-120 N '56.

Fall inspection. P.V. Zaring. Zashch. rast. ot vred. i bol. 1 no.4:16-19 S-O '56.

Group specializing in experimentation. [illegible]skii. Zashch. rast. ot vred. i bol. 1 no. [illegible]

Our experience in forecasting agricultural pests. V.A. Rider. Zashch. rast. ot vred. i bol. 1 no.4:[illegible] '56.

Pay more attention to economic problems. [illegible] ot vred. i bol. 1 no.4:3-5 S-O '56.

Warning and forecasting service. [illegible]. Zashch. rast. ot vred. i bol. 1 no.4:0 [illegible] '56.

AGRICULTURAL PESTS—BIBLIOGRAPHY see Bibliography—Agricultural pests

AGRICULTURAL POLICY
(see also subdivision under Russia)

For proper allocation of potato production through[illegible] country. Z.P. Vinnaikin. Kartofel' no.4:[illegible] '56.

Kartashov, R.N. [Development of Soviet agriculture of the sixth five-year plan] Razvitie sel'skogo khoziaistva SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 27)

AGRICULTURAL RESEARCH

Corn growing and tasks of the agricultural science. A.A. Lutenskii. Kukuruza 1 no.5:14-16 Ag '56.

For a more thorough explanation of the results of scientific research. A.I. Leonov. Len i konop. no.8: 45-46 Ag '56.

In scientific research institutions. Kukuruza 1 no.5: 56 Ag '56.

Make conditions suitable for scientific work. N. [illegible] mirov. Kartofel' no.4:39 S-O '56.

Vital tasks of agricultural science. Len i konop. no.8: 47-48 Ag '56.

AGRICULTURAL RESEARCH—CONGRESSES

All-Union Conference of Scientific Research Workers and Agricultural Specialists. Kukuruza 1 no.4:7-9 '56.

AGRICULTURE
(see also subdivision under Canada; Carpathian Mountains region; Kazakhstan; Komi A.S.S.R.; Kuybyshev Province; Leninabad Province; Novo-Annenskiy District; Osseria; Rostov Province; Rumania; Ryazan Province; Saratov Province; Tajikistan; Tambov Province; Volga Valley)

Basiuk, T.L. [Principal methods of increasing labor productivity in socialist agriculture] Osnovnye puti povysheniia proizvoditel'nosti truda v sotsialisticheskom sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 1)

Distribution of cultivation systems in the U.S.S.R. N.I. Dolgov. Zemledelie 4 no.10:10-27 O '56.

From readers' letters and suggestions. Plan. khoz. no.4:93-96 '56.

From the pages of foreign agrobiological publications. I.S. Agrobiologiia no.5:157 S-O '56.

Great victory. Krest'ianka 35 no.11:2 N '56.

Gumerov, M.N. [Land resources of the U.S.S.R. and their use; a lecture] Zemel'nye fondy SSSR i ikh ispol'zovanie; lektsiia. Moskva, Moskovskaia sel'skokhoziaistvennaia akademiia im. K.A. Timiriazeva, 1956. 30 p.

Ivanov, Leonid. [With the American agricultural delegation in the Soviet Union; a journalist's notebook] S amerikanskoi sel'skokhoziaistvennoi delegatsiei po Sovetskomu Soiuzu; zapiski zhurnalista. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 179 p.

The 1956 Soviet harvest. I. IAkushkin. Nov. vrem. 14 no.46:17-19 N '56.

Subscriptions for sets of agricultural books should be conducted in an exemplary manner. Z. Bogomolov. Sov. knizh. torg. no.8:22 Ag '56.

System of management on collective farms. K.F. Gross-kovskii. Zemledelie 4 no.10:74-80 O '56.

AGRICULTURE—ACCOUNTING

Improvement and simplification of accounting in agriculture. Bukhg. uchet 15 no.9:30-44 S '56.

Reducing the cost per production unit in agriculture and accounting tasks. Bukhg. uchet 15 no.10:1-8 O '56.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—BOOK REVIEWS

Biology and agriculture [reviews of foreign literature]. Nov. knigi za rub. 9 no.9:3-113 S '56.

AGRICULTURE—COSTS

Calculating production costs in agriculture; conference at the Institute of Economics. M.I. Kozlov. Vest. AN SSSR 26 no.10:112-114 O '56.

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Maritime Territory; United States)

Conference on economic problems of socialist agriculture. N. Anan'ina, S. Sergeev. Vop. ekon. no. 10: 148-159 O '56.

Socialist agriculture and tasks in its further development. Types of socialist agricultural enterprises. Mosk. prop. 13 no. 9:26-31 S '56.

Teaching a course in relation to other courses in an institution of higher learning. V. N. Davydov. Vest. vys. shkoly 14 no. 10:19-21 O '56.

AGRICULTURE—EXPERIMENTATION

Work of variety testing stations. Zemledelie 4 no. 10: 97-99 O '56.

AGRICULTURE—HANDBOOKS, MANUALS, ETC.

Kuparadze, G. Z. [Manual on agricultural calculations] Spravochnik po sel'skokhoziaistvennym vychisleniiam. [Tbilisi] Izd-vo GSkhI, 1956. 543 p. (DS)

[Reference manual for chairmen of collective farms] Spravochnik predsedatelia kolkhoza. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 1. 1956. 702 p.
Vol. 2. 1956. 919 p.

AGRICULTURE—HISTORY

Role of the Soviet working class in socialist transformation of the village. V. Selunskaia. Kommunist 33 no. 14:85-100 S '56.

AGRICULTURE—SAFETY MEASURES

Lisovskii, I. V. [Safety engineering in agriculture] Tekhnika bezopasnosti v sel'skom khoziaistve. [Leningrad] Leningradskoe gazetno-zhurnal'noe i knizhnoe izd-vo, 1955. 46 p. (DA)

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Molotov Province; Moscow)

Kuz'min, P. A. [The school and agriculture; work practice of schools in Baryshi District, Ul'yanovsk Province] Shkola i sel'skoe khoziaistvo; iz opyta raboty shkol Baryshskogo raiona Ul'ianovskoi obl. Pod red. A. E. Stavrovskogo. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 19 p.

More diploma projects in agricultural schools. A. V. Enikov, A. A. Tolkanitsa, N. G. Karmanov. Vest. vys. shkoly 14 no. 10:30-33 O '56.

Moscow pupils on the fields of a state farm. A. Sergeeva. Sem'ia i shkola 11 no. 11:6-7 N '56.

[Publicizing the natural sciences in connection with practical problems in agriculture] Propaganda estestvennonauchnykh znanii v sviazi s prakticheskimi zadachami sel'skogo khoziaistva. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 150 p. (Biblioteka sel'skogo klubnogo rabotnika)

AGRICULTURE—TAXATION see subdivision under Dnepropetrovsk Province

AGRICULTURE, COOPERATIVE see subdivision under Bulgaria; Byzantine Empire; China; Fangshan County)

AGUL RIVER—TROUT

Giant of Siberian rivers. N. Skvirskii. Vokrug sveta no. 10:21 O '56.

AILERONS

Grumondz, T. A. [Band air brakes for reducing the speed of airplanes during maneuvers] Lentochnyi vozdushnyi tormoz dlia tormozheniia samoleta na manevre. Moskva, Izd-vo obor. promyshl., 1956. 45 p. (Moscow. Aviatsionnyi institut. Trudy, no. 62)

AIR—OPTICAL PROPERTIES

Dispersion of air in the visible spectrum range. V. P. Koronkevich. Opt. i spektr. 1 no. 1:85-89 My '56.

AIR—POLLUTION

Hygienic working conditions in benzene divisions, in benzene rectification shops, in resin distillation shops in by-product-coking plants. M. I. Erman and others. Gig. i san. 21 no. 10:50-51 O '56.

Purity of the air and its preservation. M. S. Gol'dberg. Okhr. prir. i zapov. delo v SSSR no. 1:47-54 '56.

AIR—PURIFICATION

Battery-type microcyclones for air purification. I. A. Polosian. Tabak 17 no. 3:52-53 '56.

AIR, COMPRESSED see Compressed air

AIR, IONIZED

Effect of air ionization on the disperse phase of aerocolloids [with English summary in insert]. K. M. Merzhanov, N. I. Petrimova, N. S. Smirnov. Koll. zhur. 18 no. 5:574-577 S-O '56.

AIR, LIQUID see Liquid air

AIR BRAKES

Grumondz, T. A. [Band air brakes for reducing the speed of airplanes during maneuvers] Lentochnyi vozdushnyi tormoz dlia tormozheniia samoleta na manevre. Moskva, Izd-vo obor. promyshl., 1956. 45 p. (Moscow. Aviatsionnyi institut. Trudy, no. 62)

AIR COMPRESSORS

Automatic control of piston compressors; discussion. A. A. Saprykin. Energ. biul. no. 9:19-27 S '56.

Changes in the pressure-responsive device for regulating the output of 55-V compressors. L. G. Shutika. Prom. energ. 11 no. 10:13-O '56.

Oil heater for mobile air compressors. M. V. Ivanov. Khim. prom. no. 5:308 Jl-Ag '56.

AIR CONDITIONING

Improving the microclimatic conditions while unloading refractory articles from annular kilns. A. M. Spirina. Ozdor. usl. trud. na zav. no. 6:17-33 '56.

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

New air conditioning units. A. A. Malykh. Ozdor. usl. trud. na zav. no. 6:5-16 '56.

AIR FORCE see subdivision under Germany, West

AIR TRANSPORT see Aeronautics, Commercial

AIR WARFARE

Air combat of a flight of fighter planes at low altitude. A. A. Kovalev. Vest. Vozd. Fl. 39 no. 6:21-25 Je '56.

Selecting the flight course and profile of a bomber. T. A. Terekhin. Vest. Vozd. Fl. 39 no. 6:31-36 Je '56.

AIRPLANES—AERODYNAMICS

Ostoslavskii, I. V., and V. M. Titov. [Aerodynamical computations for aircraft] Aerodinamicheskii raschet samoleta. Moskva, Oborongiz, Glavnaia red. aviatsionnoi lit-ry, 1947. 354 p. [MICROFILM]

AIRPLANES—ELECTRIC EQUIPMENT

Automatic frequency control of airplane a. c. generators operating in parallel. S. P. Inozemtsev, V. N. Istratov, A. V. Kamenskii. Trudy MAI no. 66:69-73 '56.

AIRPLANES—ENGINES

Welding combustion-chamber parts. Vest. Vozd. Fl. 39 no. 6:76-77 Je '56.

AIRPLANES—FUEL

Removal of water from fuel. N. Bagozin, A. Vorob'eva. Grazhd. av. 13 no. 9:23 S '56.

AIRPLANES—FUEL TANKS

Special problems in the suspension of standardized fuel tanks. N. I. Kirienko. Vest. Vozd. Fl. 38 no. 5:73-74 My '56.

AIRPLANES—HYDRAULIC EQUIPMENT

Increasing the reliability of pipes in hydraulic systems. T. Bashta. Grazhd. av. 13 no. 9:16-19 S '56.

AIRPLANES—MAINTENANCE AND REPAIR

Commanding officer of an aircraft technological battalion. V. D. Sokolov. Vest. Vozd. Fl. 38 no. 5:53-57 My '56.

Correction factors for certain time norms. Vest. Vozd. Fl. 38 no. 5:79-80 My '56.

Expert repair and flight test of an Il-14 airplane. N. Stepanov. Grazhd. av. 13 no. 9:22 S '56.

From the work practice of squadron mechanics. IA. N. Savel'ev, A. P. Baklimurov. Vest. Vozd. Fl. 38 no. 5: 75-77 My '56.

New books on aeronautics ("Aircraft fuels, oils, lubricants, and special liquids." E. V. Rozenovich. A review). Vest. Vozd. Fl. 38 no. 5:88 My '56.

Striving for technical progress. 2. Introducing progressive technology. G. Tafopol'skii. Grazhd. av. 13 no. 9: 27-28 S '56.

AIRPLANES—MODELS

Dabaev, N. A., and others. [Airplane models; a manual for the first and second years of study] Aviatsionnyi modelizm; uchebnoe posobie dlia pervogo i vtorogo godov obucheniia. Pod obshchei red. E. B. Mikirtumova. Moskva, Izd-vo DOSAAF, 1956. 294 p.

Kupfer, M. [Model of the "flying wing" airplane] Model' samoleta "Letaiushchee krylo." Moskva, Izd-vo DOSAAF, 1952. 46 p. (Biblioteka iunogo konstruktora)

Pankov, M. I. [Work of the model airplane club] Rabota aviamodel'nogo kruzhka. Moskva, Redizdat TsS Soiuza osoaviakhim SSSR, 1947. 125 p. [MICROFILM]

Theory of the high-speed model airplane with guide lines. B. Kraslavskii. Kryl. rod. 7 no. 9:19-21 S '56.

AIRPLANES—PILOTING

Characteristics of night flying. V. G. Klochko. Vest. Vozd. Fl. 38 no. 5:16-19 My '56.

Grumondz, T. A. [Band air brakes for reducing the speed of airplanes during maneuvers] Lentochnyi vozdushnyi tormoz dlia tormozheniia samoleta na manevre. Moskva, Izd-vo obor. promyshl., 1956. 45 p. (Moscow. Aviatsionnyi institut. Trudy, no. 62)

How we won a victory over the spin. K. Artsenlov. Kryl. rod. 7 no. 9:15-16 S '56.

Landing an airplane on an airport and piercing the cloud cover with the help of radar. A. Teplitskii. Grazhd. av. 13 no. 9:6-7 S '56.

Nosov, N. A., G. I. Tsiupko, and V. I. Petliuk. [Flying a single-seater plane] Vozhdenie odnomestnogo samoleta. Pod red. G. A. Babai. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 247 p.

Special problems in flying over the Caucasian Range. V. TSygankov. Grazhd. av. 13 no. 9:10 S '56.

Spinning of fighter planes in the stratosphere. V. N. Makhalin. Vest. Vozd. Fl. 38 no. 5:31-33 My '56.

AIRPLANES—SPEED

Review and bibliography: "Speed, acceleration, pull of gravity." R. A. Stasevich, P. K. Isakov. Reviewed by M. Bogdanov. Kryl. rod. 7 no. 9:22 S '56.

"Speed, acceleration, pull of gravity." R. A. Stasevich, P. K. Isakov. Reviewed by E. B. Mikirtumov, N. M. Lysenko. Vest. Vozd. Fl. 39 no. 6:81-83 Je '56.

AIRPLANES—TURBINE-PROPELLER ENGINES

Textbook on airplane gas turbine engines ("Airplane gas turbine engines." N. V. Inozemtsev. Reviewed by I. I. Kulagin). Vest. Vozd. Fl. 38 no. 5:86-87 My '56.

AIRPLANES—TURBOJET ENGINES see subdivision under Great Britain

AIRPORTS

Poregud, M. S. [Planning the relief of airfields; theory and method] Proektirovanie rel'efa letnykh polei; teoriia i metody. Moskva, Voen. izd-vo Ministerstva vooruzhennykh sil SSSR, 1947. 95 p.

AIRPORTS—TRAFFIC CONTROL

Causes of indistinct orders from the dispatcher. A. Chapek. Grazhd. av. 13 no. 9:30-31 S '56.

AK-TEPE (TASHKENT DISTRICT)—CASTLES

Architectural elements of the castle of Ak-Tepe near Tashkent according to the archaeological studies of 1941. V. L. Voronina. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7:139-153 '55.

AKHTUBA VALLEY—ALLUVIAL LANDS

Relief of the Volga-Akhtuba flood plains and their agricultural evaluation. V. A. Nikolaev. Vest. Mosk. un. 11 no. 6:131-139 Je '56.

AKHVERDOV, ADDURAGIM, 1870-1933

Two unpublished plays of A. Akhverdov [in Azerbaijani with summary in Russian]. Kamran Mamedov. Izv. AN Azerb. SSR no. 9:57-62 S '56.

AKIMOVKA DISTRICT—MACHINE-TRACTOR STATIONS

The youngest combine operator; a sketch. Vasyl' Shevchuk. Pionertia 33 no. 10:13-15 O '56.

AKMOLINSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The economic education of workers and the strengthening of the economics of collective farms. A. Belov. Komm. Kazakh. 20 no. 11:39-42 N '56.

ALA-TAU, DZUNGARIAN see Dzungarian Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALANINE

Certain properties of copper d-alaninate. Z. E. Gol'braikh. Zhur. neorg. khim. 1 no. 8:1739-1744 Ag '56.

ALBANIA—DESCRIPTION AND TRAVEL

In the people's Albania. A. Nesterov. Blok. agit. no. 32:38-40 N '56.

ALBANIA—GEOGRAPHY

Geographical science in Albania. E. D. Sliaev. Izv. AN SSSR. Ser. geog. no. 3:138-142 My-Je '56.

ALBANIA—HISTORY

Information about the Albanians by Laonicus Chalcondyles. E. B. Veselago. Viz. vrem. 10:133-160 '56.

ALBEDO

Measuring the total solar radiation and albedo of the earth to an altitude of 10-20 kilometers. E. M. L'vova. Trudy TSAO no. 10:31-38 '56.

ALCOHOL
(see also subdivision under Ems, Switzerlan; United States)

Calculating planned profit in the production of alcohol. A. B. Dukler. Spirt. prom. 22 no. 3:20-22 '56.

"Dry ice" made from the by-products of hydrolytic alcohol production. D. V. Zheltukhin. Khim. v shkole 11 no. 5:14-15 S-O '56.

Execute the plans for the development and introduction of the new technical methods. Gidroliz. i lesokhim. prom. 9 no. 4:1-3 '56.

Reducing industrial use of foodstuffs in the sixth five-year plan. P. Serebrennikov. Vop. ekon. no. 10:24-35 O '56.

Steadily lower the cost of production. Gidroliz. i lesokhim. prom. 9 no. 5:1-2 '56.

ALCOHOLOMETER

Thermostat for checking alcoholometers made of metal. B. R. Zlatogurskii. Izm. tekh. no. 4:75 Jl-Ag '56.

Thermostat for checking standard grade-two alcoholometers made of metal. S. M. Krasnopol'skaia. Izm. tekh. no. 4:73-75 Jl-Ag '56.

Using and checking alcoholometers made of metals. Izm. tekh. no. 4:64 Jl-Ag '56.

ALCOHOLS

Investigating the molecular scattering of light in alcohol solutions. H. P. Roshchyna, M. M. Dadenkova, V. A. Tarapon. Ukr. fiz. zhur. 1 no. 2:183-192 Ap-Je '56.

ALCOHOLYSIS

Alcoholysis of vegetable oils. E. E. Shkol'man, N. M. Voroshilova. Zhur. prikl. khim. 29 no. 9:1425-1431 S '56.

Investigation of the structure of cellulose by means of ethanolysis. I. I. Korol'kov, V. I. Sharkov, E. N. Gurmanova. Dokl. AN SSSR 109 no. 6:1140-1143 Ag '56.

ALDAN PLATEAU—ROCKS, CRYSTALLINE AND METAMORPHIC

Conditions of metamorphism and ultrametamorphism in Archean rocks of the Aldan shield. A. A. Kadenskii. Izv. AN SSSR. Ser. geol. 21 no. 9:66-73 S '56.

ALDAN VALLEY—CYCADOPHYTA, FOSSIL

New Cycadophyta from the Mesozoic deposits of the Aldan River. V. A. Samylina. Bot. zhur. 41 no. 9:1334-1339 S '56.

ALDEHYDES—SPECTRA

Luminescence of aromatic aldehydes and ketones. V. L. Ermolaev. Opt. i spektr. 1 no. 4:523-535 Ag '56.

ALDOL-α-NAPHTHYLAMINE

Rapid method for the determination of aldol-α-naphthylamine. S. Kh. Dzotsoti. Uch. zap. AGU no. 6:29-33 '55.

ALEKHIN, ALEKSANDR ALEKSANDROVICH, 1892-1946

Famous chess artist. V. Liublinskii. Smena 33 no. 20: 24 O '56.

Great chess player. Salo Flohr. Ogonek 34 no. 41: 32 O '56.

Outstanding Russian chess player. A. Iglitskii. Shakh. v SSSR 33 no. 10:291-292 O '56.

Play as Alekhin used to. S. Flohr. Ogonek 34 no. 43: 30 O '56.

Recollections about Alekhin. S. Shishko. Shakh. v SSSR 33 no. 10:297-298 O '56.

Two games of Alekhin. S. Flohr. Ogonek 34 no. 42:31 O '56.

ALEKSANDROV, PAVEL SERGEEVICH, 1896-

Pavel Sergeevich Aleksandrov; on the occasion of the 60th anniversary of his birth and the 40th anniversary of his scientific activities. L. S. Pontriagin, E. F. Mishchenko. Usp. mat. nauk 11 no. 4:183-192 Jl-Ag '56.

ALEKSANDROVKA (IURLOVKA DISTRICT)—EMBROIDERY

Skilled embroideresses. A. Bobkov. Prom. koop. no. 10: 13 O '56.

ALEKSEEV, GRIGORII

A soldier comes home. L. Vizen, N. Riasin. Mol. mira no. 9:6-7 '56.

ALEKSEEV, VLADIMIR

In the best tradition ("Put a spoke in somebody's wheel" by Vladimir Alekseev. Reviewed by N. Braun). Neva no. 10:193 O '56.

"Spokes in the wheels." Vladimir Alekseev. Reviewed by Vladimir Liubovtsev. Al'm. Mol. gvard. 17:316-318 '56.

ALEKSEYEVKA DISTRICT—VETERINARY HOSPITALS

Progressive veterinary hospital. P. A. Korotkov. Veterinariia 33 no. 11:12-16 N '56.

ALEKSII, Bishop of Molotov and Solikamsk, 1910-

Nomination and ordination of Archimandrite Aleksii (Konoplev). Zhur. Mosk. Patr. no. 8:8-10 Ag '56.

ALEXANDER THE GREAT, 356-323 B. C.

Coptic text of the romance about Alexander. P. V. Ernshtedt. Viz. vrem. 10:178-180 '56.

ALFALFA

(see also subdivision under Moscow Province)

Effect of various methods of supplementary artificial pollination on alfalfa seed yields. S. Zh. Isaev. Trudy Inst. bot. AN Kazakh. SSR 1:177-193 '55.

Growing alfalfa in the non-Chernozem zone of the U. S. S. R. N. S. Ardonin, G. V. Il'ina. Zemledelie 4 no. 10:55-61 O '56.

ALFARO SIQUEIROS, DAVID, 1896-

A Mexican painter about his conversation with the President of Egypt. V. Poliakovskii. Ogonek 34 no. 42:3-4 O '56.

ALGAE

(see also subdivision under Azov Sea of; Caucasus, Northern; Crimea; Kharkov Province; Lvov Province; Shablish, Lake; Turkmenistan)

Interaction of soil algae with higher plants. E. A. Shtina. Vest. Mosk. un. 11 no. 6:93-98 Je '56.

Method for determining the number of terrestrial algae. E. A. Shtina. Bot. zhur. 41 no. 9:1314-1317 S '56.

Unused possibilities; some algae products. V. S. Griuner, V. A. Tver'ianovich. Ryb. khoz. 32 no. 9:32-34 S '56.

ALGEBRA

Mal'tsev, A. I. [Principles of linear algebra] Osnovy lineinoi algebry. Izd. 2-oe, perer. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 340 p.

ALGEBRA—STUDY AND TEACHING

"Algebra instruction in class 8." O. S. Dubynchyk, T. IA. Nesterenko. Reviewed by P. A. Horbatyi, U. D. Zinchenko, IE. M. Bol'sen. Rad. shk. 35 no. 10:48-50 O '56.

ALKALI LANDS

(see also subdivision under Chu Valley; Hungary)

Alkalinization of soils by irrigation and ways of controlling it. M. S. Kurbatov. Trudy Otd. pochv. Kir FAN SSSR no. 4:53-66 '53.

Methods for compiling ground salinity maps on the basis of geobotanical data. D. D. Vyshivkin. Trudy VAGT no. 1:71-81 '55.

ALKALI METAL HALIDES

Luminescence mechanism of alkali halide crystal phosphors. L. M. Shamovskii. Opt. i spektr. 1 no. 3: 407-415 Jl '56.

ALKALI METAL SALTS

Viscosity and static shearing stress of alkali alloys containing sodium antimonate or arsenate. Contribution to alkaline refining of lead. G. G. Urazov, V. S. Lobchikov, B. M. Lipshits. Zhur. neorg. khim. 1 no. 8:1857-1866 Ag '56.

ALKALINE EARTHS—SPECTRA

Dissociation energy of magnesium, calcium, strontium and barium oxides. I. V. Veits, L. V. Gurvich. Opt. i spektr. 1 no. 1:22-33 My '56.

ALKALOIDS

Alkaloid bearers of northern Tajikistan. A. A. Ataev. Trudy AN Tadzh. SSR 36:83-89 '55.

ALKENES see Olefins

ALKYL HALIDES

Reactions of hydrazine derivatives. Part 8. Cyclization of aldazines by alkyl halides. A. N. Kost, I. I. Grandberg, G. A. Golubeva. Zhur. ob. khim. 26 no. 9:2604-2607 S '56.

ALKYLATION

Alkylation of naphthalene by unsaturated hydrocarbons contained in cracked gasoline. IU. G. Mamedaliev, Sh. T. Akhmedov. Uch. zap. AGU no. 1:23-32 '55.

ALLERGY

Antiallergic action of cichol (a combination of citral with sodium cholate). M. N. Ostrovskaia. Biul. eksp. biol. i med. 42 no. 8:57-59 Ag '56.

ALLOYS

Application of the generalized center of gravity law in the study of multicomponent eutectic alloys [with English summary in insert]. L. S. Palatnik. Zhur. fiz. khim. 30 no. 7:1438-1443 Jl '56.

Classification of metal alloys for excavators and trenchers. D. V. Litvak. Trudy MGRI 30:40-49 '56.

Classification of triple phases of metals. B. K. Vul'f. Fiz. met. i metalloved. 3 no. 1:97-112 '56.

Effect of ultrasonic vibrations on processes occurring in alloys. N. T. Gudtsov, M. N. Gavze. Zhur. neorg. khim. 1 no. 7:1533-1538 Jl '56.

Light alloys and their significance for technological progress. A. F. Belov, M. E. Drits. Vest. AN SSSR 26 no. 9:21-26 S '56.

Shpagin, A. I. [Antifriction alloys] Antifriktsionnye splavy. Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, 1956. 320 p.

Thermographic study of melts and salts and metals. I. K. Tovmas'ian. Zhur. neorg. khim. 1 no. 7:1642-1645 Jl '56.

ALLOYS—BIBLIOGRAPHY see Bibliography—Alloys

ALLOYS—SPECTRA

X-ray spectra and interatomic bonds in alloys. S. M. Karal'nik. Izv. AN SSSR. Ser. fiz. 20 no. 7:815-819 Jl '56.

ALLUVIAL LANDS

(see also subdivision under Akhtuba Valley; Volga Valley

Classifying the fluvial forms of alluvial lands. S. S. Voskresenskii. Vest. Mosk. Un. 11 no. 6:141-146 Je '56.

ALLUVIUM

Results of using geobotanical methods for compiling a lithological map of ancient alluvial deposits. E. F. Voronkova. Trudy VAGT no. 1:34-43 '55.

Studying the transportation of bottom debris. IU. A. Ibad-zade. Izv. AN Azerb. SSR no. 6:3-10 Je '56.

Theory of the movement of suspended alluvium. V. G. Sanoian. Dokl. AN Arm. SSR 23 no. 1:11-15 '56.

ALLYL ALCOHOL

Study of the reduction and electroreduction of allyl alcohol on platinized platinum [with English summary in insert]. IU. A. Podvlazkin, A. I. Shlygin. Zhur. fiz. khim. 30 no. 7:1521-1525 Jl '56.

ALMA-ATA—OPERA, UIGUR

The first Uigur opera. P. Aravin, L. Varshavskii. Sov. muz. 20 no. 10:101-105 O '56.

ALMA-ATA PROVINCE—APPLE

Inheritance of the qualities and characters of the Apport variety in hybrid progeny and their variation due to the mentor effect. N. K. Volkova. Agrobiologiia no. 5: 62-69 S-O '56.

AL'MET'YEVO—OIL FIELDS

In a new oil field. A. Krasnov. Neftianik 1 no. 6:11 Ag '56.

AL'MET'YEVO—PETROLEUM—PIPELINES

The first completed section of the sixth five year plan. A. Krasnov. Neftianik 1 no. 6:34 Ag '56.

ALPHA RAYS

Alpha particles. L. L. Gol'din, L. K. Peker, Ol. I. Nikitova. Usp. fiz. nauk 59 no. 3:459-541 Jl '56.

Relation between alpha decay and nuclear deformation. S. G. Ryzhanov. Zhur. eksp. i teor. fiz. 31 no. 3:332-333 Ag '56.

ALPHABET

"The deciphering of ancient writings and languages" [in German]. Johannes Friedrich. Reviewed by I. M. Dunaevskaia. Vop. iaz. 5 no. 5:140-153 S-O '56.

ALTAI MOUNTAINS—GEOCHEMISTRY

Galvanic sulfide dissolution as a formation cause of the hydrogeochemical halo of heavy metal dissemination [with English summary in insert]. G. B. Svetlanov, S. L. Dobychin. Geokhimiia no. 4:70-75 '56.

ALTAI MOUNTAINS—IRON ORES

Process of the development of copper and lead-zinc mineralization in the Nikolayevskoye deposits in the Altai. P. F. Ivankin, N. M. Mitriaeva. Izv. AN SSSR. Ser. geol. 21 no. 9:27-43 S '56.

ALTAI TERRITORY—AGRICULTURAL LABORERS

Work calls youth. K. Sergeev. Mol. kolkh. 23 no. 16: 8-9 O '56.

Young and determined. Evgenii Ilolkin. Mol. kolkh. 23 no. 10:11 O '56.

ALTAI TERRITORY—MOTION-PICTURE DISTRIBUTION

The Altai Film Rental Bureau functions poorly. V. Blesonov. Kinomekhanik no. 10:12-13 O '56.

ALTAI TERRITORY—RECLAMATION OF LAND

Concern of the whole country. K. I. Zaitsev. Mol. kolkh. 23 no. 10:6 O '56.

ALTAI TERRITORY—RED CROSS

Our practice. E. Anakhovich. Sov. kras. krest 6 no. 5: 18-19 S-O '56.

ALTAI TERRITORY—STATE FARMS

Kuban in the Altai. G. Radov. Ogonek 34 no. 43:2 O '56.

ALTAI TERRITORY—STONECUTTING

"Altai stonecutters." N. Savel'ev. Reviewed by E. Fedorov. Sib. ogni 35 no. 4:197-198 Jl-Ag '56.

ALTAI TERRITORY—SUGAR BEETS—HARVESTING

Combine harvesting of beets in Altai Territory. V. S. Rymarenko. Sakh. svekl. no. 6:24-29 Ag '56.

ALTAIC STUDIES

Altaic section. A. Kononov. Krat. soob. Inst. vost. no. 19: 84-85 '56.

ALTITUDE—PHYSIOLOGICAL EFFECT

Mountain expedition of the A. A. Bohomolets Institute of Physiology of the Academy of Sciences of the Ukraine during the period 1952-1953. M. M. Syrotynin. Fiziol. zhur. [Ukr.] 1 no. 4:117-120 Jl-Ag '55.

Results of oxyhemometric investigations under Alpine conditions. V. I. Voitkevych. Fiziol. zhur. [Ukr.] 1 no. 4:121-129 Jl-Ag '55.

ALTITUDE, INFLUENCE OF

Effect of novocaine on survival of white rats at high altitudes. IU. F. Udalov. Biul. eksp. biol. i med. 42 no. 8:53-55 Ag '56.

ALUM see subdivision under Zaglik

ALUMINA
Relation of current efficiency to current density during the electrolysis of cryolite-alumina melts. L. N. Antipin, I. Niderkorn. Zhur. prikl. khim. 29 no. 4:577-583 Ap '56.
Study of the aluminum hydroxide hydrosol. Part 3. The effect of sodium chloride and ethyl alcohol on the mechanical properties of the aluminum oxide sol [with English summary in insert]. P. V. Rufimskii. Koll. zhur. 18 no. 5:589-591 S-O '56.

ALUMINOTHERAPY
Using aluminum dust for smelting iron titanium. P. F. Snezhko. Metallurg no. 10:21-22 O '56.

ALUMINUM
Aluminum sheathed cables in Dutch vessels. V. Z. Gurevich. Elektrichestvo no. 10:92 O '56.
Volumetric determination of aluminum. V. K. Zolotukhin. Dop. ta pov. L'viv. un. no. 3, pt. 2:31-32 '52.

ALUMINUM—FINISHING
Protective and decorative oxidation of aluminum articles. S. IA. Grilikhes. Leg. prom. 16 no. 9:40-42 S '56.

ALUMINUM—TESTING
Effect of grain size on the initial stage of plastic deformations of polycrystalline metals. Part 1. Aluminum. IA. B. Rauzin, A. R. Zheleznfakova. Fiz. met. i metalloved. 3 no. 1:146-153 '56.

ALUMINUM—WELDING
Joining aluminum conductors and cables by arcless electric welding. R. E. Evseev. Vest. elektroprom. 27 no. 3:62-67 Mr '56.
New apparatus for connecting and terminating aluminum conductors. D. G. Bykhovskii. Vest. elektroprom. 27 no. 3:10-13 Mr '56.

ALUMINUM ALLOYS
Simultaneous modification and degassing of aluminum alloys. A. A. Gorshkov, V. G. Korotkov. Lit. proizv. no. 9:8-9 O '56.
Sorting aluminum alloys according to their luminescence in electrolytes. V. A. Krasnokutskii. Zav. lab. 22 no. 8:980 Ag '56.

ALUMINUM ALLOYS—TESTING
Study of light crystallites in continuously cast alluminum alloy ingots. I. N. Fridlander. Lit. proizv. no. 4: 23-26 O '56.

ALUMINUM BROMIDE
Study of complexing in solutions of ternary systems with the aid of physicochemical analysis. E. IA. Gorenbein. Part 6. System: $AlBr_3$ - $C_6H_5NO_2$ - $C_2H_5Br$. Zhur. neorg. khim. 1 no. 8:1877-1882 Ag '56.

ALUMINUM BRONZE—TESTING
Destructive testing of aluminum bronze specimens. I. N. Vinogradov, IU. I. IAgn. Fiz. met. i metalloved. 3 no. 1:135-136 '56.

ALUMINUM-COBALT ALLOYS see Cobalt-aluminum alloys

ALUMINUM-COPPER ALLOYS—HEAT TREATMENT
Using electron microscope for investigating aluminum-copper alloys subjected to aging and tempering processes at high temperatures. N. N. Buinov, O. D. Shashkov. Fiz. met. i metalloved. 3 no. 1:83-86 '56.

ALUMINUM-COPPER-MANGANESE ALLOYS see Copper-manganese-aluminum alloys

ALUMINUM CRYSTALS
Anisotropy of crystal growth rate. F. P. Rybalko. Fiz. met. i metalloved. 3 no. 1:184-186 '56.
Effect of the growth rate of aluminum single crystals on their mosaic structure. D. E. Ovsienko, E. E. Sosnina. Fiz. met. i metalloved. 3 no. 2:374-382 '56.

ALUMINUM FOUNDING
Study of light crystallites in continuously cast alluminum alloy ingots. I. N. Fridlander. Lit. proizv. no. 4: 23-26 O '56.

ALUMINUM-MAGNESIUM ALLOYS—TESTING
Internal friction in deformed alloys of alpha-aluminum-magnesium solid solutions. A. V. Grin', V. A. Pavlov. Fiz. met. i metalloved. 3 no. 1:179-180 '56.

ALUMINUM-MANGANESE ALLOYS
Investigation of the lattice constants of aluminum-manganese alloys following various kinds of thermal treatment [with English summary in insert]. I. N. Fridlander, V. A. Konstantinov, N. I. Zaitseva. Zhur. fiz. khim. 30 no. 7:1623-1625 Jl '56.

ALUMINUM OXIDES
Electron diffraction examination of oxide films formed on liquid aluminum and on its alloys. M. V. Mal'tsev, IU. D. Chistiakov, M. I. TSypin. Izv. AN SSSR. Ser. fiz. 20 no. 7:824-826 Jl '56.

ALUMINUM SILICATES
(see also subdivision under Novokuybyshevsk)
Catalytic cracking of heavy distillate fractions of sulfur petroleums with aluminosilicates as catalysts. A. V. Agafonov, V. V. Krasivichev. Khim. i tekh. topl. no. 10: 1-11 O '56.

Spectral determination of calcium in aluminosilicates. IA. E. Shmulikovskii, S. N. Aleksandrov. Khim. i tekh. topl. no. 10:70-72 O '56.

ALUMINUM SILICATES—ELECTRIC PROPERTIES
Dielectric losses in glasses. Part 3. Relaxation "high-temperature" dielectric losses in alkali glasses. N. M. Verebeichik, V. I. Odelevskii. Zhur. tekh. fiz. 26 no. 8:1704-1713 Ag '56.

ALUMINUM-ZINC ALLOYS
Study of the effectiveness of aluminum-zinc protectors. V. V. Gerasimov, I. L. Rozenfel'd. Izv. AN SSSR. Otd. khim. nauk no. 9:1050-1052 S '56.

ALUNITE
(see also subdivision under Chasov Yar)
Preparation of potassium, sodium, and aluminum sulfates based on the chemical processing of alunite. I. L. Bagbanly. Trudy Inst. khim. AN Azerb. SSR 15:5-14 '56.
Use of alunite for the hydrothermal preparation of potassium sulfate. S. D. Shargorodskii, O. I. Shor, A. S. Barabanova. Zhur. prikl. khim. 29 no. 4:492-498 Ap '56.

AMALGAMS
Electrochemical study of copper - zinc amalgams [with English summary in insert]. A. I. Zebreva, M. T. Kozlovskii. Zhur. fiz. khim. 30 no. 7:1553-1559 Jl '56.
Viscosity and structure of liquid solutions of zinc, cadmium, tin, bismuth and lead in mercury. O. Z. Holyk, N. A. Ryndych. Ukr. fiz. zhur. 1 no. 2:170-182 Ap-Je '56.

AMATEUR ART ACTIVITIES
Amateur art activity on a virgin-land state farm. D. Kravchenko. Sov. profsoiuzy 4 no. 10:78 O '56.
Folk art of our friends. Klub 6 no. 10:6 O '56.
How the program of an agitation brigade was formed. Sov. profsoiuzy 4 no. 10:42 O '56.
Organize amateur groups. Klub 6 no. 11:25-27 N '56.

AMATEUR RADIO STATIONS
(see also subdivision under Nikolayev; Ryazan)
For large scale radio amateur activities in leading organizations of the All-Union Volunteer Society for assistance to the Army, Air Force, and Navy. Radio no. 9:1-2 S '56.
Increase the international ties of Soviet radio amateurs. Radio no. 10:1-2 O '56.
Radio enthusiasts. A. Makushkin. Radio no. 10:63 O '56.

AMATEUR THEATRICALS
(see also subdivision under Poltava Province)
Amateur performances of petroleum workers. V. I. Kukushkin. Neftianik 1 no. 8:34-35 Ag '56.

AMATEUR THEATRICALS—BIBLIOGRAPHY see Bibliography—Amateur theatricals

AMBARY HEMP
(see also subdivision under Florida)
Defoliating ambary hemp. A. Z. Bakhireva. Len i konop. no. 6:43-44 Ag '56.
Methods of growing hemp and ambary in the zone of light Slorozems of the Chu Valley. G. IA. Fedichkin. Trudy Otd. pochv. AN Kir. SSR no. 5:63-71 '55.

AMIDES
Investigation of polypeptide chain structure by the infra-red absorption spectra method [with English summary in insert]. D. N. Shigorin, N. V. Mikhailov, D. A. Kliueva. Zhur. fiz. khim. 30 no. 7:1591-1595 Jl '56.

AMINATION
Catalytic amination of organic compounds. Part 4. Amination of butyl alcohols. N. S. Kozlov, N. I. Panova. Zhur. ob. khim. 26 no. 9:2502-2504 S '56.

AMINES
Reduction with formic acid and its derivatives. A. N. Kost, N. I. Stupnikiva. Part 6. Synthesis of N-cycloalkyletha-nolamines. Zhur. ob. khim. 26 no. 9:2485-2487 S '56.
Synthesis based on 2, 4-dichlorobutene-2. Synthesis of acyanamide derivative of a secondary amine and of its derivatives. A. L. Klebanskii, V. V. Markin, K. K. Chovychalova. Zhur. ob. khim. 26 no. 9:2433-2435 S '56.

AMINO ACIDS
Action of γ-radiation of radioactive cobalt ($Co^{60}$)upon proteins and amino acids. M. A. Khenokh, E. M. Lapinskaia. Dokl. AN SSSR 110 no. 1:126-128 S-O '56.
Change in the amino acid composition of culture media during the growth of micro-organisms of the enteric group. I. N. Blokhina, R. S. Perova, V. M. Lavrovskaia. Zhur. mikrobiol. epid. i immun. 27 no. 10:12-18 O '56.
Synthesis of amino acids of the aliphatic series from thiophene derivatives. Part 1. Synthesis of α-amino acids. IA. L. Gol'dfarb, B. P. Fabrichnyi, I. F. Shalavina. Zhur. ob. khim. 26 no. 9:2598-2602 S '56.

Use of glutamic acid and characteristics of excretion of certain amino acids in Down's disease. T. N. Volkova, V. Russkikh. Zhur. nevr. i psikh. 56 no. 9:750-756 '56.

AMMONIA
Functional changes and ammonia contents in the brain of rabbits by convulsive affects. V. I. Rozengart, M. N. Maslova, A. N. Paniukov. Dokl. AN SSSR 110 no. 1:122-124 S-O '56.
Letter to the editor. Fiziol. zhur. 42 no. 8:726 Ag '56.
Sulfite cooking with acid on an ammonia base. IU. N. Nepenin, T. N. Orlova. Bum. prom. 31 no. 9:3-6 S '56.

AMMONIA—SPECTRA
Investigating the half-width of the microwave absorption spectral line of ammonia. A. A. Kolosov, L. L. Minsnikov. Opt. i spektr. 1 no. 3:374-377 Jl '56.

AMMONITES see Ammonoidea

AMMONIUM CHLORIDE
Ammonium chloride as a source of nitrogen for farm crops. V. M. Litvin. Ud. i ur. 1 no. 10:60-62 O '56.

AMMONIUM COMPOUNDS
Effect of hexonium and luminal on thyroid function; studies with radioiodine. G. P. Smirnov. Probl. endok. i gorm. 2 no. 4:18-26 Jl-Ag '56.
Experimental investigations on the pharmacology of hypotensive drugs; methonium derivatives. A. M. Dombrovs'ka, V. A. Krementule, O. I. Cherkes. Fiziol. zhur. [Ukr.] 1 no. 4:80-89 Jl-Ag '55.

AMMONIUM NITRATE
Heating curves for slightly deteriorated ammonium saltpeter containing inorganic additions. V. V. Boldyrev, L. A. Alekseenko. Zhur. prikl. khim. 29 no. 9: 1316-1323 S '56.
Thermography of granulated ammonium saltpeter with inorganic impurities. L. A. Alekseenko, V. V. Boldyrev. Zhur. prikl. khim. 29 no. 4:520-535 Ap '56.

AMMONIUM PHOSPHATE—ELECTRIC PROPERTIES
Electric conductivity of mono-derivative ammonium phosphate crystals. F. I. Alemnikin. Dop. ta pov. L'viv. un. no. 3, pt. 2:42-43 '52.

AMMONIUM PHOSPHATE CRYSTALS
Growth of mono-derivative ammonium phosphate crystals from a solution. F. I. Alemnikin. Dop. ta pov. L'viv. un. no. 3, pt. 2:41-42 '52.

AMMONIUM SALTS
Reciprocal solubility in the system: ammonium bichromate - ammonium sulfate - water. A. D. Shevcheva. Zhur. neorg. khim. 1 no. 8:1883-1887 Ag '56.

AMMONOIDEA
(see also subdivision under Mongolia; Ural Mountain region)
Lifetime injuries of the shells of Jurassic ammonites. N. V. Beznosov, A. A. Shevyrev. Vest. Mosk. un. 11 no. 6:123-130 Je '56.

AMPHIBOLE see subdivision under Il'menskiye Hills

AMPHIPODA
Transplanting Gammarus lacustris Sars and the larvae of Tendipedidae in trans-Ural lakes. M. L. Grandilevskaia-Deksbakh. Ryb. khoz. 32 no. 9:65 S '56.

AMPLIFIERS, ELECTRON-TUBE
Differential cathode-coupled pulsed-amplifier. Part 2. Correction of the transition characteristics of the differential amplifier. IU. K. Barsukov. Zhur. tekh. fiz. 26 no. 9:2052-2066 S '56.
High-quality low-frequency amplifier. V. Pavlov. Radio no. 10:44-45 O '56.
Low frequency amplifier with regulated frequency band. V. Anikeev. Radio no. 10:45-46 O '56.
Miniature tube low frequency amplifier. IU. Egorov, E. Kolotygin. Radio no. 10:46 O '56.
Similarity of methods for calculating transistor and electron-tube amplifiers at low signal voltages. V. F. Rakhmanov. Trudy MAI no. 66:81-94 '56.
Volin, M. L. [Intermediate-frequency amplifiers] Usiliteli promezhutochnoi chastoty. Izd. 3-e, dop. Moskva, Izd-vo "Sovetskoi radio," 1956, 231 p.

AMPLIFIERS, ROTATING see Rotating amplifiers

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMPUTATION STUMP
Compensation mechanisms in developing working movements of artificial fingers formed from a human forearm stump. V. M. Kas'ianov, P. I. Gumener. Uch. zap. MGPI 84:53-70 '55.

AMPUTATION STUMP—INNERVATION
Role of the motor analysor at various stages of compensation following surgery for splitting the forearm. V. M. Kas'ianov, P. I. Gumener. Uch. zap. MGPI 84: 85-93 '55.

AMPUTEES—REHABILITATION, ETC.
To A. I. Titov and others. M. IAshonkov. Sots. obesp. 17 no.10:50-53 O '56.

AMSTERDAM—SOCIOLOGY—CONGRESSES
Problems in contemporary sociology. V. Nemchinov. Nov. vrem. 14 no. 44:5-9 O '56.

AMU DARYA VALLEY—IRRIGATION
The land and water policy of the Khiva khans in 1550, 1557 (boundary dams along the channel of the Amu-Darya). A. L. Troitskaia. Sbor. [Len.] publ. bibl. no. 2:75-82 '54.

AMUR RIVER
On the banks of the Amur. Nauka i zhizn' 23 no. 10:51 O '56.

AMUR RIVER—DESCRIPTION AND TRAVEL
Changes on the Amur. Vl. Shastikov. Ogonek 34 no. 44:15-16 O '56.

AMUR VALLEY—ECONOMIC GEOGRAPHY
Problems in the over-all utilization of productive forces in the Amur Basin. V. V. Zvonkov. Vest. AN SSSR 26 no.10:22-25 O '56.

AMYLOIDOSIS
Amyloidosis of the larynx. IU. M. Ovchinnikov. Vest. oto-rin. 18 no. 5:134-135 S-O '56.

AMYTAL
Effect of amytal and its combination with dibazol on experimental pituitary hypertension. A. A. Belous. Fiziol. zhur. 42 no. 5:403-406 My '56.

AMYTAL SODIUM
Effect of amytal sodium on processes of oxidative phosphorylation. V. S. Il'in, G. V. Titova. Biul. eksp. biol. i med. 42 no. 9:33-36 S '56.
Effect of barbamil on conditioned reflex activity in dogs under normal conditions and in experimental hypertension. G. S. Gvishiani. Zhur. vys. nerv. deiat. 6 no. 4:579-583 Jl-Ag '56.

ANADYR' VALLEY—MOSSES
Scouleria Rschewinii Lindb. et Arn. in the moss flora of the U. S. S. R. Z. N. Smirnova. Bot. mat. Otd. spor. rast. 11 210-219 Ja '56.

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANALYSIS, ELECTROCHEMICAL see Electrochemical analysis

ANALYSIS, SPECTRUM see Spectrum analysis

ANALYSIS, THERMAL see Thermal analysis

ANALYSIS OF FOOD see Food—Analysis

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANALYTICAL GEOMETRY see Geometry, Analytic

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAPHYLAXIS
Iso-anaphylaxis in repeated blood transfusions in horses and methods for its control. V. A. German. Sbor. trud. Khar'. vet. inst. 20:207-209 '49.

ANATOLIA, TURKEY—ROCKS, IGNEOUS
Fairy chimneys. Vokrug sveta no. 10:58 O '56.

ANATOMY, HUMAN—STUDY AND TEACHING
Methods of teaching human anatomy in teachers' institutes in the light of the resolutions of the 19th Congress and the Central Committee of the Communist Party of the U. S. S. R. on improving the training of specialists. V. I. Sukharev. Uch. zap. MGPI 84:121-126 '55.

ANATOMY, VETERINARY see Veterinary anatomy

ANCHORAGE
Sectional reinforced concrete anchorage walls. A. Sokolov. Mor. flot 16 no.10:22-23 O '56.

ANCHOVIES
New varieties of canned sardines and anchovies. L. T. Kochetova and others. Ref. nauch. rab. VNIIKOP no. 3: 17-22 '55.

ANCIENT ART see subdivision 'Art, Ancient' under Kerch

ANDALUSITE
Thermal effects on heating curves of disthene and andalusite [with English summary in insert]. V. S. Sobolev, A. I. Tsvetkov. Geokhimiia no. 4:45-47 '56.

ANDREEVICH, EVGENII
Book about a wonderful journey ("What to be," Evgenii Andreevich. Reviewed by K. Vasil'ev). Smena 33 no. 17:22 S '56.

ANEMIA
Certain characteristics of anemia induced by denervation of the carotid sinuses and the aorta. R. A. Durinian Biul. eksp. biol. i med. 42 no. 9:15-20 S '56.

ANEMIA, INFECTIOUS see Infectious anemia

ANESTHESIA
Expediency of anesthesia in cautery of pleural adhesions. N. L. Shinder. Probl. tub. 34 no. 3:52-54 My-Je '56.

Potentiated anesthesia and hypothermia in the treatment of severe injuries [with summary in English, p. 158]. A. N. Berkutov, A. A. Volikov, L. A. Smetanin. Vest. khir. 77 no. 9:19-28 S '56.

ANESTHESIA (ELECTRIC) see Electric anesthesia

ANESTHESIA, INTRATRACHEAL see Intratracheal anesthesia

ANESTHESIA, LOCAL see Local anesthesia

ANEURYSMS
Surgical treatment of a chronic aneurysm of the heart after an infarct. B. Shpachek. Klin. med. 34 no. 9: 30-34 S '56.

ANGINA PECTORIS
Stenocardia. G. L. Magazanik. Med. sestra 15 no. 9: 3-7 S '56.

ANGKOR, CAMBODIA—TEMPLES
Angkor. IU. Lebedev. Tekh. mol. 24 no. 10:37 O '56.

ANGREN
Angren to-day and yesterday. Mast. ugl. 5 no. 8:30 Ag '56.

ANGREN VALLEY—SIEROZEM SOILS
Problem of classifying eroded Sierozems in the dry-farming region of the Angren Valley. S. V. Kamaev. Trudy SAGU no. 60:101-115 '54.

ANHYDRIDES
Hydrolysis of adipic and sebacic acid polyanhydrides. M. S. Dudkin, E. M. Gol'dshtein. Zhur. ob. khim. 26 no. 9:2559-2562 S '56.

ANILIDES
Research in azomethane dyes. Part 2. Indoaniline dyes, derivatives of 1, 2-oxynaphthoic acid anilide. N. F. Turitsyna, and others. Zhur. ob. khim. 26 no. 9:2546-2554 S '56.

ANILINE
Investigating three-phase equilibria in the system: aniline-analine hydrochloride-water at temperature of 25° C. M. P. Susarev, N. A. Smirnova. Vest. Len. un. 11 no. 16:85-104 '56.
Research in azomethine dyes. Part 1. Color of certain indoaniline dyes, derivatives of α-naphthol, containing substituents in the naphthalene ring. B. S. Portnaia, and others. Zhur. ob. khim. 26 no. 9:2537-2546 S '56.
Research in azomethane dyes. Part 2. Indoaniline dyes, derivatives of 1, 2-oxynaphthoic acid anilide. N. F. Turitsyna, and others. Zhur. ob. khim. 26 no. 9:2546-2554 S '56.

ANIMAL ELECTRICITY see Electrophysiology

ANIMALS, DOMESTIC see Domestic animals

ANIMALS, HABITS AND BEHAVIOR OF
Getting acquainted with animals in the kindergarten. M. Kupershmid. Doshk. vykh. 17 no. 10:31-34 O '56.

ANIMALS, TREATMENT OF
Animals in the animate nature corner. T. Kovpanenko. Doshk. vykh 17 no. 10:37-40 O '56.

ANISOTROPY
Effect of the anisotropy of the solvent on the absorption spectrum and emission of the admixture. A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 2:120-133 Ap-Je '56.

ANNIVERSARY CALENDAR
Art calendar. Mystetstvo no. 4:48-49 Jl-Ag '56.
Significant and memorable dates. Klub 6 no. 10:32 O '56.

ANONYMS AND PSEUDONYMS
Masanov, I. F. [Dictionary of pseudonyms of Russian writers, scholars and public figures; in four volumes] Slovar' psevdonimov russkikh pisatelei, uchenykh i obshchestvennykh deiatelei; v chetyrekh tomakh. Podgotovil k pechati IU. I. Masanov. Red. B. P. Koz'min. Moskva, Izd-vo Vses. knizhnoi palaty.
Vol. 1. [Alphabetical catalog of pseudonyms. Pseudonyms in the Russian alphabet, A-I] Alfavitnyi ukazatel' psevdonimov. Psevdonimy russkogo alfavita A-I. 1956. 440 p.

ANORTHITE
Obtaining helenite and anorthite by reaction in a solid state. V. V. Lygina. Uch. zap. Ped. inst. Gertz. 117: 33-54 '56.

ANOXEMIA
Conditioned reflex function of white rats following administration of thiamine in hypoxia. F. P. Kosmolinskii. Vop. pit. 15 no. 5:64-65 S-O '56.
Effect of a polyvitamin complex on the resistance of the organism of anoxia. F. P. Kosmolinskii. Vop. pit. 15 no. 5:15-22 S-O '56.
Effect of thiamine on tissue respiration in hypoxia. F. P. Kosmolinskii. Vop. pit. 15 no. 5:73-75 S-O '56.
Mechanism of action of B-group vitamins in anoxia. IU. F. Udalov. Vop. pit. 15 no. 5:22-26 S-O '56.

ANT LIONS
Ant lion. E. P. Narchuk. Priroda 45 no. 11:126-127 N '56.
Sand trap. V. Parkhomenko. Ukraina no. 10:34 S '56.

ANTARCTIC REGIONS
Antarctic diary. Vokrug sveta no. 10:22 O '56.
Moscow. Gosudarstvennyi okeanograficheskii institut. [The Antarctic] Antarktika. Leningrad, Gidrometeorologicheskoe izd-vo.
Pt. 2. Makerov, IU. V. [Principal features of the hydrology of Antarctic waters] Osnovnye cherty gidrologicheskogo rezhima Antarkticheskikh vod. 1956. 103 p.
The second expedition to Antarctic regions. E. Tolstikov. Smena 33 no. 19:10 O '56.
Shcherbakov, D. I. [Why scientist are exploring the Antarctic] Dlia chego uchenye issleduiut Antarktiku. [Moskva] Moskovskii rabochii, 1956. 56 p.

ANTARCTIC REGIONS—HYDROLOGY
Hydrological conditions of the 1949/50 observation season in the region navigated by the whaling flotilla "Slava." IU. V. Makerov. Trudy GOIN no. 24:21-28 '54.

ANTARCTIC REGIONS—ICE
Data on hydrometeorological and ice observations during 1949/50. Trudy GOIN no. 24:40-120 '54.
Glaciological and geocryological studies in the Antarctic (first results of a 40-day reconnaissance). P. A. Shumskii. Vest. AN SSSR 26 no. 9:27-35 S '56.
Ice conditions affecting navigation in the Antarctic during the 1949/50 season. V. V. Klepikov. Trudy GOIN no. 24 25-35 '54.

ANTARCTIC REGIONS—MAPS
New data on the cartography of the Antarctic. I. P. Kocherov. Vest. AN SSSR 26 no. 9:30-40 S '56.

ANTARCTIC REGIONS—METEOROLOGY
Meteorological conditions of the 1949/50 observation season in regions navigated by the whaling boat "Slava." G. M. Tauber. Trudy GOIN no. 24:13-20 '54.

ANTARCTIC REGIONS—METEOROLOGY—OBSERVATIONS
Data on hydrometeorological and ice observations during 1949/50. Trudy GOIN no. 24:40-120 '54.

ANTARCTIC REGIONS—RADIO—TRANSMITTERS AND TRANSMISSION
Radio conversation with Mirnyi. Radio no. 9:4-5 S '56.

ANTARCTIC REGIONS—SCIENTIFIC EXPEDITIONS
Expeditionary work in the Antarctic in 1949/50. G. M. Tauber. Trudy GOIN no. 24:5-12 '54.

ANTHRACENE
Excitation energy transfer in anthracene crystals containing naphthacene admixtures. M. D. Galanin, Z. A. Chibisova. Opt. i spektr. 1 no. 2:175-180 Je '56.
Infractions of excitation energy transfer of naphthacene in anthracene solid solutions. A. N. Faidysh, L. IA. Kucherov, A. A. Terskii. Opt. i spektr. 1 no. 3:401-406 Jl '56.
Mechanism of concentrated fluorescence quenching of anthracene solutions. B. IA. Sveshnikov, G. A. Tiabekenko. Opt. i spektr. 1 no. 2:155-160 Je '56.

ANTHRACENE—SPECTRA
Absorption and luminescence of the mesoderivatives of anthracene with oxygen containing substituten. A. S. Cherkasov, T. M. Vember. Opt. i spektr. 1 no. 5: 663-671 S '56.

ANTHRAQUINONEDISULFONIC ACID
Research in the anthraquinone series. Part 26. Hydrolysis of 1, 5-anthraquinonedisulfonic acid. V. V. Kesler. Zhur. ob. khim. 26 no. 9:2617-2622 S '56.

ANTHRAXOLITE see subdivision under Ural Mountains

ANTIAIRCRAFT GUNS
Air defense forces; discussion with S. S. Biriuzov, marshal of the Soviet Union. Voen. znan. 31 no. 8: 10-12 Ag '56.

ANTIBIOTICS
(see also subdivision under France)
Antibiotics as growth stimulants [with summary in French, p. 64]. Z. V. Ermol'eva and others. Antibiotiki 1 no. 4:50-52 Jl-Ag '56.
Antivirubin, an antiviral antibiotic, produced by Actinomyces longispororuber [with summary in French, p. 63]. G. A. Tronina and others. Antibiotiki 1 no. 4:9-13 Jl-Ag '56.

ANTIBIOTICS (Continued)
Certain chemical and biological properties of new antibiotics of the penicillin group. E. P. Abraham, G. G. Newton. Khim. nauka i prom. 1 no. 4:394-405 '56.
Chemotherapeutic effect of polymyxin in experimental infections [with summary in French, p. 62]. L. K. Rubtsova. Antibiotiki 1 no. 4:13-18 Jl-Ag '56.
Combined action of nibomycin and biomycin and levomycetin (synthomycin) in the treatment of dysenteric, streptococcal, and staphylococcal infections in white mice. M. S. Stanislavskaia. Zhur. mikrobiol. epid. i immun. 27 no. 10:40-43 O '56.
Comparative data on the distribution of tetracyclines in the body fluids of healthy humans and animals and on their elimination [with summary in French, p. 64]. G. A. Ivanova. Antibiotiki 1 no. 4:52-54 Jl-Ag '56.
Effect of antibiotics on the course of experimental dysentery intoxication [with summary in French, p. 64]. S. M. Navashin. Antibiotiki 1 no. 4:44-48 Jl-Ag '56.
Effect of degree of swelling of ion exchange resins on ionic sorption selectivity of aureomycin, terramycin and streptomycin ions by cationic resins [with English summary in insert]. G. V. Samsonov. Koll. zhur. 18 no. 5:592-596 S-O '56.
The effect of starvation on the circulation of antibiotics [with summary in French, p. 63]. S. D. IUdintsev. Antibiotiki 1 no. 4:24-28 Jl-Ag '56.
Focal administration of antibiotics [with summary in French, p. 64]. N. N. Elanskii, E. M. Petrova. Antibiotiki 1 no. 4:48-49 Jl-Ag '56.
Lactic acid streptococci producing antibiotics and the effect of the latter on the milk-fermenting process during the cooking of cheese. M. R. Gibshman. Trudy VNIIS no. 3:54-57 '55.
Microbiologic method of identifying related antibiotic substances [with summary in French, p. 63-64]. G. V. Kochetkova, O. L. Popova. Antibiotiki 1 no. 4:37-40 Jl-Ag '56.
Recent successes of chemistry dealing with antibiotics. A. S. Khokhlov, M. M. Shemiakin. Khim. nauka i prom. 1 no. 4:377-393 '56.
Recovery, purification, and characteristics of actinomycins formed by various cultures of Actinomyces antagonists [with summary in French, p. 62]. M. G. Brazhnikova and others. Antibiotiki 1 no. 4:3-6 Jl-Ag '56.
Study of the toxicity and of therapeutic properties of crystalline actinomycins [with summary in French, p. 62]. O. K. Rossolimo, G. N. Lopeshkina. Antibiotiki 1 no. 4:5-9 Jl-Ag '56.
Treatment of acute peritonitis with antibiotics. F. S. Sikolenko. Khirurgiia. 32 no. 7:82-83 Jl '56.

ANTIGENS AND ANTIBODIES
Contribution to the problem of structural relations between antigens and antibody molecules. O. E. Vinzov, P. I. Tsetlin. Dokl. AN SSSR 110 no. 1:119-121 S-O '56.
Effect of homologous and immune antibodies on rabbit Brown-Pearce tumor in tissue culture. M. S. Lomakin. Biul. eksp. biol. i med. 42 no. 9:40-44 S '56.
Immunochemical study of antigen complexes obtained by various methods from Salmonella paratyphi and Eberthella typhosa cultured on various media. I. I. Dubrovskaia and others. Zhur. mikrobiol. epid. i immun. 27 no. 10:22-28 O '56.
Immunogenic, toxic, and antigenic properties of antigens obtained from enteric bacteria cultured on synthetic media under aerobic conditions. N. I. Kovaleva, N. I. Kirillova, M. V. Mironova. Zhur. mikrobiol. epid. i immun. 27 no. 10:18-22 O '56.
Studies on antigenic properties of animal tissue and organs in ontogenesis. Report no. 3: Studies on species and organ specificity of the crystalline lens using ring precipitation reaction. B. V. Konukhov. Biul. eksp. biol. i med. 42 no. 9:55-60 S '56.
Studies on the chemical nature of the specific antigenic substance of tumors. V. S. Korostaleva, M. I. Karlina, N. V. Cheburkina. Biul. eksp. biol. i med. 42 no. 9:44-50 S '56.

ANTIMONY—METALLURGY
Purification of tellurium and antimony. F. I. Vasenin. Fiz. met. i metalloved. 3 no. 2:360-362 '56.

ANTIMONY-BISMUTH ALLOYS see Bismuth-antimony alloys

ANTIMONY CHLORIDES
Raman spectra of complex-compounds of antimony trichloride with benzene and their derivatives. Sh. Sh. Raskin. Opt. i spektr. 1 no. 4:518-522 Ag '56.

ANTIMONY-TIN-LEAD ALLOYS see Lead-tin-antimony alloys

ANTIOXIDANTS
Using antioxidants in the storage of frozen fish. R. R. Perepletchik. Ryb. khoz. 32 no. 10:80-86 O '56.

ANTIQUITIES see subdivision under Crimea; Egypt; Kanev District; Kashka Darya Valley; Kirovakan; Luka-Vrubleviskaya; Sob River Basin; Surkhan-Darya Province

ANTIQUITIES, PREHISTORIC see subdivision 'Man, Prehistoric' under Kanev District

ANTISEPTICS
Aerobic microflora of accident wounds in peace time and effectiveness of antiseptics in the control of microbial infections. V. M. Svetovidova, I. D. Kovaleva. Khirurgiia. 32 no. 7:50-53 Jl '56.

ANTISOLE
Viscosity and density of the system; stannic chloride - anisole. M. Usanovich, E. Pichugina. Zhur. ob. khim. 26 no. 9:2415-2417 S '56.

ANTITOXINS see Toxins and antitoxins

ANTONOV, SERGEI PETROVICH, 1915-
In search of the new ("It happened in Pen'kovo." S. Antonov. Reviewed by E. Starikova). Znamia 26 no. 10:170-177 O '56.

ANTONSKII, ANTON ANTONOVICH, 1763-1848
To which Russia did A. A. Antonskii belong? IU. F. Kariakin, E. G. Plimak, L. A. Filippov. Vop. ist. no. 9:120-126 S '56.

ANUS—SURGERY
Method of treating patients with anus preternaturalis. D. G. Mamamtavrishvili. Khirurgiia. 32 no. 7:64-69 Jl '56.

AORTA—INNERVATION
Certain characteristics of anemia induced by denervation of the carotid sinuses and the aorta. R. A. Durinian. Biul. eksp. biol. i med. 42 no. 9:15-20 S '56.

AORTA—SURGERY
Morphological modifications of lumbosacral intervertebral ganglia following high ligation of the abdominal aorta. V. P. Kurkovskii, A. F. Polikarpov, M. N. Shinkarev. Biul. eksp. biol. i med. 42 no. 9:64-67 S '56.

APARTMENT HOUSES
(see also subdivision under Austria; Moscow; Rumania; Stalingrad)
Effect of building construction on heating expenditures. N. Viazkov. Zhil.-kom. khoz. 6 no. 5:15-16 '56.
Improve standard plans by every possible means and raise the quality of a mass housing construction. Arkhit. SSSR no. 10:1-3 '56.
Improving the operational qualities of new apartment houses. A. Pekler. Zhil.-kom. khoz. 6 no. 5:5-8 '56.
Joint planning for building residential blocks. T. Druzhinina, G. Babad. Arkhit. SSSR no. 10:10-14 '56.
Layout plans for apartment houses to be built in the 1st and 2nd climatic zone. G. Pisarevskii. Arkhit. i stroi. Mosk. 5 no. 10:16-21 O '56.
Moscow. TSentral'nyi institut informatsii po stroitel'stvu. [Research and demonstration construction of large-panel apartment houses] Opytno-pokazatel'noe stroitel'stvo krupnopanel'nykh zhilykh domov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 71 p.
The most important thing in planning an apartment house is the creation of communal services. R. Savenkov. Arkhit. SSSR no. 11:59-60 '56.
Organization of communal services in a residential block. L. Kiselevich, I. Rabinovich. Arkhit. SSSR no. 10:15-16 '56.
Results of the all-Union competition for standard plans for apartment houses. B. Rubanenko. Arkhit. SSSR no. 11:1-16 '56.
Sherentsis, A.A. [Unification of construction plans for apartment houses and public buildings in large scale building operations] Unifikatsiia konstruktivnykh skhem zhilykh i obshchestvennykh zdanii massovogo stroitel'stva; nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture. 1956. 61 p.

APATITE
Some X-ray structural data on minerals of the apatite group. R. P. Ozerov, L. B. Grinshpan, G. I. Bushinskii. Zap. Vses. min. ob-va 85 no. 3:303-309 '56.

APES see subdivision under Sukhumi

APOPLEXY
Prevention and control of asphyxia and intracranial hemorrhage in fetuses and in newborns. I. A. Shtern. Akush. i gin. 32 no. 4:3-13 Jl-Ag '56.

APPARATUS, CHEMICAL see Chemical apparatus

APPARATUS, ELECTRICAL see Electric apparatus and appliances

APPARATUS, MEDICAL see Medical instruments and apparatus

APPARATUS, ORTHOPEDIC see Orthopedic apparatus

APPARATUS, PHYSIOLOGICAL see Physiological apparatus

APPARATUS, SCIENTIFIC see Scientific apparatus and instruments

APPARATUS, SURGICAL see Surgical instruments and apparatus

APPENDICITIS
Surgical methods in appendicular infiltration and acute appendicitis with symptoms of local peritonitis. N. N. Elanskii. Voen.-med. zhur. no. 7:82-83 Jl '56.

APPLE
(see also subdivision under Alma-Ata Province)
Colloid-chemical change in apple sauce during drying. T. I. Platigorskaia. Ref. nauch. rab. VNIIKOP no. 3: 61-66 '55.
Smirnov, N. M. [Apples trees] IAblonia. [Moskva] Moskovskii rabochii, 1956. 151 p. (DA)

APPLE—DISEASES AND PESTS
Scab on apple and pear blossoms. V. IA. Frankovskii. Zoshch. rast. ot vred. i bol. 1 no. 4:62 S-O '56.

APPROXIMATE COMPUTATION
Approximate solution of special integral equations. V. V. Ivanov. Dokl. AN SSSR 110 no. 1:15-18 S-O '56.
Best approximation of conjugate functions by means of trigonometric polynominls. S. B. Stechkin. Izv. AN SSSR, Ser. mat. 20 no. 2:197-206 Mr-Ap '56.
Mechanism of uniform approximations in a domain of continuous mappings of compacts. A. I. Polak. Usp. mat. nauk 11 no. 4:149-154 Jl-Ag '56.
Weighted approximation of continuous functions by polynomials on the entire real axis. N. I. Akhiezer. Usp. mat. nauk 11 no. 4:3-43 Jl-Ag '56.

APSHERON PENINSULA—BOTANY
New and rare species of plants in Apsheron. S. D. Agadzhanov. Uch. zap. AGU no. 6:85-89 '55.

APSHERON PENINSULA—GAZELLES, FOSSIL
Discoveries of fossil Gazella subtuguturosa in the Apsheron Peninsula. N. A. Alekperova. Izv. AN Azerb. SSR no. 6:43-46 Je '56.

AQUATIC SPORTS see subdivision under Poland

ARABIC LITERATURE—HISTORY AND CRITICISM
Krachkovskii, I. IU. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akademii nauk SSSR. Vol. 3. 1956. 470 p.

ARAL SEA—GRAY MULLET
Two years' experience in transporting young mullet from the Caspian to the Aral Sea. V. A. Mitiushkin. Ryb. khoz. 32 no. 10:60-62 O '56.

ARANOVSKII, SOLOMON MOISEEVICH, 1885-1956
Professor S. M. Aranovskii; obituary. A. Letavet and others. Gig. i san. 21 no. 10:62 O '56.

ARBITRATION, NATIONAL
Problems in the execution of the decisions of arbitration courts in foreign trade. V. I. Lisovskii. Nauk. zap. Kiev. un. 9 no. 4:105-110 '50.

ARBITRATION AND AWARD
Arbitration practice on disputes arising from avoidance and nonfulfillment of supply contracts. K. A. Borzova. Sov. gos. i pravo no. 8:114-119 '56.

ARC, ELECTRIC see Electric arc

ARC WELDING see Electric welding

ARCHAEOLOGY see subdivision under Soviet Far East; Ukraine

ARCHAEOLOGY—PERIODICALS
Editing the periodical "Soviet Archaeology." Vest. AN SSSR 26 no. 10:91 O '56.

ARCHANGEL PROVINCE—REVOLUTION 1917-1921
Aksenov, A.N. [The establishment of Communist power in the Archangel Government] Ustanovlenie sovetskoi vlasti v Arkhangel'skoi gubernii. [Arkhangel'sk] Arkhangel'skoe kn-vo, 1956. 65 p.

ARCHANGEL PROVINCE—WATER BIRDS
As far as the White Sea. E. Spangenberg. Okh. i okh. khoz. no. 10:28-30 O '56.

ARCHES
Erecting arches from three-stage blocks without using formwork experimental investigation. I. A. Luknashenko. Nov. v stroi. tekh. no. 7:70-82 '56.

ARCHITECTURAL DECORATION AND ORNAMENT see Decoration and ornament, Architectural

ARCHITECTURE
(see also subdivision under Mexico; United States)
National characteristics of architecture. IUrii IAralov. Druzh. nar. no. 10:144-151 O '56.
Raising all work to the standard set for the sixth five-year plan. Arkhit. i stroi. Mosk. 5 no. 9:1-2 S '56.

ARCHITECTURE—COMPETITIONS see subdivision under Moscow

ARCHITECTURE—COMPOSITION, PROPORTION, ETC.

Borisovskii, G. B. [The industrialization of building and our architectural heritage; problems of composition] Industrializatsiia stroitel'stva i arkhitekturnoe nasledie; voprosy kompozitsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 217 p. (Voprosy teorii arkhitektury)

ARCHITECTURE—CONGRESSES see subdivision under Moscow

ARCHITECTURE—CONSERVATION AND RESTORATION see subdivision under Kiev

ARCHITECTURE—DESIGNS AND PLANS

Comprehensive series of standard designs for buildings devoted to business, communal enterprises, and cultural activities. L. Aranauskas. Arkhit. i stroi. Mosk. 5 no. 9:5-9 S '56.

Projects submitted by the architectural institute graduates. Arkhit. SSSR no. 10:50-52 '56.

Standard building design for state laboratories in charge of measurement techniques. V. K. Karabach. Izm. tekh. no. 4:59-62 Jl-Ag '56.

ARCHITECTURE—DESIGNS AND PLANS—COMPETITIONS

Results of the all-Union competition for standard plans for apartment houses. B. Rubanenko. Arkhit. SSSR no. 11:1-16 '56.

ARCHITECTURE—DETAILS see subdivision under Moscow

ARCHITECTURE—HISTORY

Describe the history of architecture more profoundly. N. Voronov. Arkhit. SSSR no. 10:34-37 '56.

ARCHITECTURE, NAVAL see Naval architecture

ARCTIC FOX—DISEASES AND PESTS

Sources of the infection of blue foxes with Uncinaria. A. A. Dubnitskii. Kar i zver. 9 no. 5:45-46 S-O 56.

ARCTIC FOX—FEEDING AND FEEDING STUFFS

Can blue foxes be fed the same rations as silver foxes? M. D. Abramov. Kar i zver. 9 no. 5:25-30 S-O '56.

ARCTIC REGIONS

Arctic conference. V. N. Zakharov. Meteor. i gidrol. no. 8:67 Ag '56.

Grigor'ev, A. A. [The subarctic; an attempted characterization of the basic types of geographical environments] Subarktika; opyt kharakteristiki osnovnykh tipov geograficheskoi sredy. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 222 p.

Shcherbakov, D. I. [By plane over the Arctic] Na samolete po Arktike. Leningrad, Gos. izd-vo detskoi lit-ry Ministerstva prosveshchenia RSFSR, 1956. 144 p.

A year on an ice floe; notes of an arctic explorer (conclusion). Igor' TSigel'nitskii. Na rub. 17 no. 5:114-136. S-O '56.

ARCTIC REGIONS—ICE-BREAKING VESSELS

Toward the North Pole at any cost. N. N. Dolgopolov. Znan. sila 31 no. 10:10-11 O '56.

ARCTIC REGIONS—WALL NEWSPAPERS

Wall newspaper at an Arctic station. V. Shabanov. Blok. agit. vod. transp. no. 20-20-27 O '56.

ARCTIC REGIONS—WILD LIFE, CONSERVATION OF

Conservation and efficient utilization of animals in Arctic regions. V. M. Sdobnikov. Okhr. prir. i zapov. delo v SSSR no. 1:96-104 '56.

AREA MEASUREMENT see subdivision under Asia

ARGENTINA—SLAVS

Back home from Argentina. Sov. Soiuz no. 11:33-35 N '56.

ARGENTINA—TRADE UNIONS

The struggle for democratic trade-union elections in Argentina. Vincente Marischi. Vsem. prof. dvizh. no. 10:43-45 O '56.

ARGENTOMETRY

Argentometric determination of the composition of green chromium bromide. IU. P. Nazarenko, R. S. Khaimovich. Zhur. neorg. khim. 1 no. 8:1758-1765 Ag '56.

ARGILLITES see subdivision under Donets Basin

ARGON

Effect of changes in the pressure of argon in electrodeless discharges on the reproduction of $Cd^{114}$ red line wave lengths. N. R. Datarchukova, G. B. Dubrovskii. Opt. i spektr. 1 no. 3:330-333 Jl '56.

ARGON—SPECTRA

Investigating the luminosity of spark discharge channels in argon and xenon atmospheres. M. P. Vanlukov, A. A. Mak, N. V. Parazinskaia. Opt. i spektr. 1 no. 5:642-649 S '56.

Ion line contours in the plate plasma of gaseous discharges. V. M. Zakharova. Opt. i spektr. 1 no. 5: 636-641 S '56.

ARITHMETIC—STUDY AND TEACHING

Detached calendar pages as visual aids. P. Arsent'eva. Nach. shkola 24 no. 10:50 O '56.

Evaluating pupils' mastery of arithmetic and working on their mistakes. M. N. Rozanov. Nach. shkola 24 no. 10:24-28 O '56.

ARKHANGEL'SKII, ANDREI DMITRIEVICH, 1879-1940

A. D. Arkhangel'skii's work in lithology. G. I. Bushinskii. Izv. AN SSSR. Ser. geol. 21 no. 8:61-69 Ag '56.

ARM—SURGERY

Role of the visual analysor in compensatory processes in man following the operation of splitting the forearm. V. M. Kas'ianov, P. I. Gumener. Uch. zap. MGPI 84: 71-83 '56.

ARMAVIR—CONCERTS

Armavir. Sov. muz. 20 no. 9:119 S '56.

ARMAVIR—LANDSCAPE GARDENING

Its distinct feature. P. Makrushenko. IUn. nat. no. 3: 11-12 Je '56.

ARMED FORCES see subdivision under Russia

ARMED FORCES—PICTORIAL WORKS see subdivision under Russia

ARMENIA—COTTON GROWING

Irrigation in checkrowed cotton fields in Armenia. G. Grigorian, S. Sarkisian. Khlopkovodstvo 6 no. 9: 40 S '56.

ARMENIA—DARKLING BEETLES

New species of darkling beetle (Coleoptera, Tenebrionidae) from the Armenian S. S. R. S. M. Khnzorian. Dokl. AN Arm. SSR 23 no. 1:41-43 '56.

ARMENIA—FOREST ECOLOGY

Dynamics and interrelations of basic plant associations of the highest altitudinal forest zones of northern Armenia. A. G. Abramian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:85-93 S '56.

ARMENIA—HISTORY

Russian translation of the "History of Armenia" by Faustus of Byzantium. Reviewed by I. K. Kusik'ian. Viz. vrem. 10:203-207 '56.

ARMENIA—MEALY BUGS

Mealy bug (Phenacoccus tergrigorianae Borchs.), a grain pest of the Armenian S. S. R. M. A. Ter-Grigorian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 9 no. 9:57-62 S '56.

ARMENIA—MOTION-PICTURE PLAYS

Festival of Armenian motion pictures. Isk. kino no. 9: 112-113 S '56.

ARMENIA—OAK

On the composition of wood of Armenia oaks as raw material for the cognac industry. L. M. Dzhanpoladian, E. L. Mndzhoian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:95-102 S '56.

ARMENIA—PAULICIANS

Thonraketzi movement in Armenia and the Paulicians. K. IUzbashian. Izv. AN Arm. SSR. Obshchestv. nauki no. 9:31-44 S '56.

ARMENIA—POLITICS AND GOVERNMENT

Third congress of the soviets of the Armenian S. S. R. S. Kharmandarian. Izv. AN Arm. SSR. Obshchestv. nauki no. 9:3-21 S '56.

ARMENIA—POMEGRANATE

Some ornamental forms of the pomegranate. L. A. Enfiadzhian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:109-115 S '56.

ARMENIA—SERPENTS

Some new data on the snakes of Armenia. V. N. Grubant, A. V. Rudaeva. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:63-69 S '56.

ARMENIA—SHEEP

Development of sheep breeding in the Armenian S. S. R. M. S. Melkonian. Ovtsevodstvo no. 9:13-16 S '56.

ARMENIA—TOBACCO

Developing tobacco growing in Armenia. G. G. Oganesian. Tabak 17 no. 3:13-15 '56.

ARMENIAN ART see Art, Armenian

ARMENIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Lexical borrowings and purity of language. P. Nazarian. Oktiabr' 33 no. 10:186-191 O '56.

ARMENIAN LANGUAGE—GRAMMAR, COMPARATIVE—AZERBAIJANI

Phraseological parallels in Armenian and Azerbaijani. T. Danielian. Stud. nauch. sbor. ERPI no. 3:75-86 '55.

ARMENIAN POETRY

Valerii Briusov on Armenian poetry. I. Tatinian, L. Mkrtchian. Stud. nauch. sbor. ERPI no. 3:11-20 '55.

ARMENIANS see subdivision under Near East

ARMIES see subdivision 'Army' under China; Russia

ARNICA

Aksel'rod, D. M. [Arnica montana] Arnika gornaia. Moskva, Medgiz. 1955. 10 p. (DA)

ARSENATES

Arsenate-belovite, a new mineral. L. K. IAkhontova, G. A. Sidorenko. Zap. Vse. min. ob-va 85 no. 3:297-302 '56.

ARSEN'EV, VLADIMIR KLAVDIEVICH, 1872-1930

Twenty-fifth anniversary of V. K. Arsen'ev's death. Vop. geog. no. 39:205-206 '56.

ARSENIC—ANALYSIS

Determining arsenic in grape wines. R. I. Malysheva. Vin. SSSR 16 no. 5:17-19 '56.

ARSINOUS ACID

Cyclic esters of ethylarsinous acid. Gil'm Kamai, N. A. Chadaeva. Zhur. ob. khim. 26 no. 9:2468-2474 S '56.

ART

(see also subdivision under Hungary)

Foreign news items. Iskusstvo 19 no. 6:91 '56.

Soviet news items. Iskusstvo 19 no. 6:70-80 '56.

A word from the precongressional tribune. A. Lebedev. Iskusstvo 19 no. 6:7-10 '56.

ART—GALLERIES AND MUSEUMS see subdivision under Moscow; Tula

ART—PHILOSOPHY

Noble mission of the painter. Georgii Melikhov. Ogonek 34 no. 47:23-24 N '56.

ART—STUDY AND TEACHING

Moleva, N. M., and E. M. Beliutin. [The pedagogical system of the Academy of Arts during the 18th century] Pedagogicheskaia sistema Akademii khudozhestv XVIII veka. Moskva, Gos. izd-vo "Iskusstvo," 1956. 510 p., illus.

ART, ANCIENT see subdivision under Kerch

ART, ARMENIAN

Artists of Soviet Armenia. F. Roginskaia. Iskusstvo 19 no. 6:15-22 '56.

ART, AZERBAIJANI

National art. N. Gabibov. Iskusstvo 19 no. 6:3-5 '56.

ART, CHRISTIAN see Christian art and symbolism

ART, DECORATIVE—STUDY AND TEACHING

Decorative painting in the kindergarten. K. Koval'ska. Doshk. vykh. 17 no. 10:12-18 O '56.

What hinders us from improving the training of specialists. P. P. Demidov, A. E. Khitrov. Sred. spets. obr. no. 10:50-52 O '56.

ART, ENGLISH—EXHIBITIONS see subdivision under Moscow

ART, FOLK see subdivision 'Folk art' under Siberia; Tatar A.S.S.R.

ART, INDIC—EXHIBITIONS see subdivision under Moscow

ART, MUNICIPAL

The sculpture decoration of cities. M. Semenov. Iskusstvo 19 no. 6:5-6 '56.

ART, PRIMITIVE see subdivision under Klinets; Molodovo (Kol'mentsy District)

ART INDUSTRIES see subdivision under Zhlobin

ARTEMOVSK—CHORAL SINGING, JUVENILE

Chorus of children. B. Aksel'rad, IA. Bohuslavs'kyi. Ukraina no. 18:32 S '56.

ARTERIES—DISEASES

Changes of the venous bed in endarteritis [with summary in English, p. 160]. A. T. Aktlova. Vest. khir. 77 no. 9: no. 9:73-85 S '56.

ARTERIOSCLEROSIS

Basic principles and unsolved problems in present-day knowledge of atherosclerosis. N. N. Anichkov. Sov. med. 20 no. 9:3-10 S '56.

Bogolepov, N. K. [Preventing hypertension and arteriosclerosis; a neuropathologist's advice] O preduprezhdenii gipertonicheskoi bolezni i arterioskleroza; sovety nevropatologa. Moskva, Medgiz, 1955. 99 p. (DAFM)

Data on the etiology of atherosclerosis. B. V. Il'inskii. Terap. arkh. 28 no. 6:17-27 '56.

Fate of radioiodine I-131 in tissue and organs in rabbits in experimental hypercholesterinemia and in atheromatosis. M. A. Lovchenko, V. G. Spesivtseva, A. M. Shishova. Terap. arkh. 28 no. 6:71-75 '56.

ARTHRITIS

Functional state of the higher nervous activity in nonspecific infectious polyarthritis. M. G. Astapenko. Klin. med. 34 no. 8:34-41 S '56.

The mineral composition of grain and vegetables in regions where Urov disease was detected. A. M. Kogan, E. N. Vasil'eva. Vop. pit. 15 no. 5:91-92 S-O '56.

ARTIFICIAL HEART see Perfusion pump (Heart)

ARTIFICIAL INSEMINATION

(see also subdivision under Cambridge, England; Ol'khovatka District (Voronezh Province); Orel Province)

Make wider use of highly productive herd rams. M. M. Aslanian. Ovtsevodstvo no. 9:22-24 S '56.

Role of fructose in artificial insemination. N. P. Shergin. Dokl. Akad. sel'khoz. 21 no. 10:35-39 '56.

Supply the stations for artificial insemination of livestock with the best equipment. N. V. Zotsenko and others. Zhivotnovodstvo 18 no. 10:71-72 O '56.

Trofiskii, F.A. [Veterinary obstetrics, gynecology and artificial insemination of animals] Veterinarnoe akusherstvo, ginekologiia i iskusstvennoe osemenenie zhivotnykh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 367 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)

ARTIFICIAL KIDNEYS see Kidneys, Artificial

ARTIFICIAL LIMBS

Compensation mechanisms in developing working movements of artificial fingers formed from a human forearm stump. V. M. Kas'ianov, P. I. Gumener. Uch. zap. MGPI 84:53-70 '55.

The prosthesis of patients with a history of endarteritis obliterans as a preventive measure against disease and as a means of increasing work capacity. N. Chernina. Sots. obesp. 17 no. 9:39-41 S '56.

ARTILLERY, FIELD AND MOUNTAIN

Sadovskii, V. G. [Principles of the construction of artillery materiel] Osnovanila ustroistva material'noi chasti artillerii. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 498 p.

ARTISTS, FINNISH

Maksim Gorkii and the Finns. Arvo Turtiainen. Na rub 17 no. 5:171-175 S-O '56.

ASADOV, EDUARD

Courage and purposefulness. N. Dmitriev. Sots. obesp. 17 no. 10:56-57 O '56.

ASBESTOS CEMENT

Additional press rollers for sheet-rolling machines. I. Bernei, B. Zaretskii. Strol. mat., izdel. i konstr. 2 no. 9:7-9 S '56.

ASCARIDS AND ASCARIASIS

Chanopodium oil as an anthelmintic in ascariasis. V. A. Bud'ko. Voen.-med. zhur. no. 7:89 Jl '56.

Invasion of the eustachian tube by ascarids. G. I. Likovenko. Vest. oto-rin. 18 no. 5:107-108 S-O '56.

Oxygen for treating ascariasis. A. S. Mishchenko. Voen.-med. zhur. no. 7:89-90 Jl '56.

ASCOMYCETES

Chaetomium spirochaete Palliser and Chaetomium spirale Zopf. K. S. Sergeeva. Bot. mat. Otd. spor. rast. 11 103-106 Ja '56.

New species of the genus Chaetomium. K. S. Sergeeva. Bot. mat. Otd. spor. rast. 11 106-118 Ja '56.

ASCORBIC ACID

Ascorbic acid and thiamine content of food rations in a city hospital. IU. M. Ostrovskii. Vop. pit. 15 no. 5:79 S-O '56.

Comparison of certain methods of determining ascorbic acid in cow's milk following boiling or pasteurization. V. A. Bogdanova, V. M. Selivanova. Vop. pit. 15 no. 5: 42-45 S-O '56.

Experimental study of a method suggested by G. I. Savel'eva for determining the vitamin C content of colored vegetable products. N. A. Brukhanova. Vop. pit. 15 no. 5:93-94 S-O '56.

Method of determining vitamin C by sodium silicomolybdate. L. E. Olifson, A. M. Markhashov. Apt. delo 5 no. 5:41-43 S-O '56.

Pathomorphology of the central nervous system in experimental scurvy, in vitamin C deficiency, and following administration of extensive doses of vitamin C. M. A. Izrail'skaia, I. S. Dergachev. Vop. pit. 15 no. 5: 32-37 S-O '56.

Possibility for the enrichment of sugar with vitamin C. N. N. Berezovskaia and others. Vop. pit. 15 no. 5: 76-77 S-O '56.

Seasonal variation in the vitamin C content of potatoes grown in certain regions of Tajikistan. N. V. Kuznetsova. Vop. pit. 15 no. 5:79-81 S-O '56.

Testing the methods of vitamin C determination proposed by M. A. Khomutova, V. M. Selivanova. Vop. pit. 15 no. 5:94-95 S-O '56.

Use of ascorbic acid as an antioxidant in freezing apricots. A. K. Saatchan. Vop. pit. 15 no. 5:81-82 S-O '56.

Vitamin C content of the milk of the main cow breeds proposed for the Ukraine. G. N. Rakhmaninova. Shor. trud. Khar'. vet. inst. 20:89-100 '49.

Vitamin C in desert plants. S. O. Grebinskii, B. I. Iroshin. Dop. in pov. L'viv. un. no. 4, pt. 2:30-31 '53.

ASIA—AREA MEASUREMENT

What is the area of Asia? P. N. Schastnev, Z. E. Chernakov. Geog. v shkole 19 no. 5:62-64 S-O '56.

ASIA—CLIMATE

Climatic regions of Eurasia. N. N. Ivanov. Uch. zap. Ped. inst. Gertsa. 116:103-158 '56.

ASIA—DIATOMS, FOSSIL

Fossel genus Rouxia Brun et Heribaud (Bacillariophyta). V. S. Sheshukova-Poretskaia. Bot. mat. Otd. spor. rast. 11 64-75 Ja '56.

ASIA—FOREIGN RELATIONS—BELGIUM

Interview with leaders of the Belgian government. Nov. vrem. 14 no. 43:16-17 O '56.

ASIA—NATIONALISM

Influence of the October revolution on the awakening of the peoples of Asia. Dr. Sukarno. Nov. vrem. 14 no. 43:3-5 O '56.

ASIA—PHYSICAL GEOGRAPHY

Physical geography of Asia ("Non-Soviet Asia; its physical geography." D. L. Armand and others. Reviewed by G. D. Kulagin). Priroda 45 no. 10:121-122 O '56.

ASIA—RELATIONS (GENERAL) WITH THE UNITED STATES

Natarajan, L. [From Hiroshima to Bandung; a review of American policy in Asia. Translated from the English] Ot Khirosimy do Bandunga; obzor amerikanskoi politiki v Azii. Perevod s angliiskogo L. Roshal'. Vstup. stat'ia A. Aleksandrova. Moskva, Izd-vo inostrannoi lit-ry, 1956. 205 p.

ASIA, CENTRAL—BOTANY

Basic trends in the formation of species in connection with the origin of plant types in Central Asia. P. N. Ovchinnikov. Trudy AN Tadzh. SSR 31:107-140 '55.

ASKANITE

Conversions of organic compounds on aluminosilicate catalysts. Report no. 10: Conversion of ξ-pinene on askanite. I. S. Sattar-zade. Uch. zap. AGU no. 11:43-46 '55.

ASKANIYA-NOVA PRESERVE

Brovkina, V. M. [Askaniya-Nova; for students in secondary schools] Askaniia-Nova; dlia uchashchikhsia srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 213 p.

ASPHYXIA

Prevention and control of asphyxia and intracranial hemorrhage in fetuses and in newborns. I. A. Shtern. Akush. i gin. 32 no. 4:3-13 Jl-Ag '56.

Role of vascular interoception in the restoration of vital functions following asphyxia. L. S. Persiminov. Fiziol. zhur. 42 no. 8:685-694 Ag '56.

ASPHYXIATING GASES see Gases, Asphyxiating and poisonous

ASSUAN DAM see Aswan Dam

ASTHMA

Treatment of bronchial asthma and of other diseases by periodic alternation of inhibition and stimulation of the central nervous system. TS. Mikhailova. Zhur. vys. nerv. deiat. 6 no. 4:550-554 Jl-Ag '56.

ASTRAKHAN PROVINCE—BEEF CATTLE

Raising young beef cattle on collective farms of Astrakhan Province. A. F. L'vitsyn. Sel'khoz. Povol. no. 9:53-55 S '56.

ASTRAKHAN PROVINCE—DISABLED

How are things in your home? N. Alekseev. Sots. obesp. 17 no. 10:36-38 O '56.

ASTRAKHAN PROVINCE—RICE

Rice cultivation and prospects for the development of rice growing in Astrakhan Province. L. M. Sologubov, V. I. Svinarev. Zemledelie 4 no. 10:62-65 O '56.

ASTROMETRY—CONGRESSES see subdivision under Pulkovo

ASTRONOMICAL OBSERVATORIES see subdivision under Byurakan

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy; abstracts nos. 6587-7110] Referativnyi zhurnal; Astronomiia i geodeziia no. 12 D '56.

ASTRONOMY—BIBLIOGRAPHY see Bibliography—Astronomy

ASTRONOMY—HISTORY

Vorontsov-Vel'iaminov, B. A. [Outline history of astronomy in Russia] Ocherki istorii astronomii v Rossii. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 371 p.

ASTRONOMY—YEARBOOKS

Astronomical calendar for 1956 for school use. N. N. Ezhov. Fiz. v shkole 16 no. 5:86-87 S-O '56.

ASTRONOMY, NAUTICAL see Nautical astronomy

ASTROPHYSICS—CONGRESSES see subdivision under Liège

ASWAN DAM

Development of irrigation in Egypt and the new Aswan Dam. M. Mikhailov. Khlopkovodstvo 6 no. 10:56-60 O '56.

ATHEISM—STUDY AND TEACHING

From the experience of scientific and atheistic education in classroom instruction. V. M. Deriabin, T. S. Borisova. Fiz. v shkole 16 no. 5:71-73 S-O '56.

ATHENS—DESCRIPTION

"Buy something." N. Maksimovich. Vokrug sveta no. 10: 12-13 O '56.

Encounters en route. Tat'iana Tess. Oktiabr' 33 no. 10:150-159 O '56.

ATHLETES

(see also subdivision under China)

After the final whistle. Smena 33 no. 18:10-11 S '56.

"Old people" and the Spartakiads. N. Shvytov. Fizk. i sport 26 no. 10: 36-37 '56.

ATHLETES—MEDICAL EXAMINATION

Medical observation of riders during training for a seven-day bicycle racing. E. IA. Kolbanovskaia. Teor. i prak. fiz. kul't. 19 no. 10:766-772 '56.

ATHLETIC FIELDS

How to lay out an athletic field. Klub 6 no. 11:20-30 N '56.

ATHLETICS see Sports

ATLANTIC OCEAN—FISHERIES

Operational system of floating bases in the North Atlantic. O. A. Kamergorodskaia. Ryb. khoz. 32 no. 9:36-41 S '56.

ATLANTIC OCEAN—HERRING FISHERIES

Drift nets in fishing for herring in the North Atlantic. B. G. Sokolov, G. V. Sokolov. Ryb. khoz. 32 no. 10: 10-13 O '56.

ATLANTIS

The unsolved problems of science. N. F. Zhirov. Tekh. mol. 24 no. 10:22-24 O '56.

ATMOSPHERE

Level of the development of convection movements in the atmosphere. P. A. Voronisov. Meteor. i gidrol. no. 9: 26-29 S '56.

Planetary frontal zone in the lower stratosphere. G. D. Zubian. Meteor. i gidrol. no. 9:12-21 S '56.

Some characteristics of ultraviolet transmission in the atmosphere. Sh. A. Bezverkhnii. Trudy KazNIGMI no. 2:23-31 '54.

Statistical relations of types of atmospheric circulation in the Northern Hemisphere. A. IA. Pshenichnyi. Izv. AN SSSR. Ser. geog. no. 3:77-84 My-Je '56.

Using aerological data for determining the total heat energy content of an air mass. A. V. Sobanskaia. Soob. AN Gruz. SSR 17 no. 7:593-598 '56.

Vertical movements in a front. N. V. Lebedeva. Trudy TSIP no. 45:74-87 '56.

Vertical velocities in a stationary frontal zone. N. P. Dogadkina, A. F. Dubiuk. Trudy TSIP no. 45:55-73 '56.

ATMOSPHERE, UPPER

Improved and accelerated processing of aerological observations. N. F. Gel'mogol'ts. Trudy KazNIGMI no. 2:52-58 '54.

Some optical manifestations of the oxygen recombination process in the upper atmosphere. V. I. Krasovskii. Astron. zhur. 33 no. 4:605-613 Jl-Ag '56.

ATMOSPHERIC ELECTRICITY

Atmospheric ions and the body. M. A. Vytchikova. Zdorov'e 2 no. 10:4-5 O '56.

ATMOSPHERIC PRESSURE

Surface of zero pressure changes. K. I. Kashin, M. V. Gritsenko. Meteor. i gidrol. no. 8:9-13 Ag '56.

Twenty-four hour changes of thermobaric fields in the free atmosphere. A. S. Chaplygina. Trudy Geofiz. inst. no. 33:60-105 '56.

Using a pressure field for qualitative determination of well regulated vertical air movements. A. N. Mertsalov. Trudy TSIP no. 45:59-64 '56.

ATMOSPHERIC TEMPERATURE

A. S. Zverev's graphic method for forecasting the minimum temperature of night air and radiation fog. R. M. Medzhitov. Trudy TSIP. no. 42:20-24 '56.

Adequacy of the number of observations for obtaining the mean temperature of prescribed accuracy in aerology. R. T. Orlova. Trudy KazNIGMI no. 2:45-51 '54.

Diurnal temperature variation in the free atmosphere. N. S. Kaminer. Trudy TSAO no. 16:48-51 '56.

Experimental determination of characteristics of temperature fluctuations in the atmosphere. S. I. Krechmer. Trudy TSAO no. 16:39-47 '56.

Fluctuations of the amospheric temperature during the 19th and 20th centuries in the eastern European sector of the Northern Hemisphere. M. E. Liakhov. Izv. AN SSSR. Ser. geog. no. 5:74-80 S-O '56.

Macrosynoptic conditions of positive anomalies of the mean monthly air temperature in the European U. S. S. R. during May-October, 1954. L. G. Borisova. Meteor. i gidrol. no. 8:28-31 Ag '56.

Radiation errors of a platinum resistance thermometer. V. G. Kastrov, G. P. Faraponova. Trudy TSAO no. 16 16-20 '56.

Twenty-four hour changes of thermobaric fields in the free atmosphere. A. S. Chaplygina. Trudy Geofiz. inst. no. 33:60-105 '56.

What do isotherm charts reflect at the 500 millibar level? Meteor. i gidrol. no. 9:32 S '56.

ATMOSPHERIC TRANSPARENCY

Determination of atmospheric transparency during the night. V. G. Fesenkov. Astron. zhur. 33 no. 4:599-604 Jl-Ag '56.

ATMOSPHERIC TURBULENCE

Practical analysis of the coefficient of eddy viscosity in the free atmosphere. R. TS. Bezverkhniaia, N. F. Gel'mgol'ts. Trudy KazNIGMI no. 2:40-44 '54.

Semiempirical theory of turbulent diffusion. A. S. Monin. Trudy Geofiz. inst. no. 33:3-47 '56.

Variability of wind direction. S. I. Krechmer. Trudy Geofiz. inst. no. 33:48-59 '56.

ATOMIC BOMB—PHYSIOLOGICAL EFFECT

Kozlova, A.V., and E.I.Vorob'ev. [Clinical and therapeutic aspects of injuries caused by atomic bomb explosions] Klinika i lechenie povrezhdenii voznikaiushchikh pri vzryve atomnoi bomby. Moskva, Gos. izd-vo med. lit-ry, 1956. 94 p.
(DAFM)

ATOMIC ENERGY RESEARCH

Co-operation. Sov. Soiuz no. 11:16-17 N '56.

ATOMIC ENERGY RESEARCH—CONGRESSES see subdivision under Dubna

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC PLANES

Passenger atomic airplanes of the future. G. Pokrovskii. Ogonek 34 no. 44:18 O '56.

ATOMIC POWER
(see also subdivision under Japan)

Atomic Russia; impressions (conclusion). Vladimir Orlov. Nash. sovr. 3:96-129 '56.

Cold combustion and the atom. Tekh. mol. 24 no. 10:36 O '56.

In a new stage. Vest. elektroprom. 27 no. 3:1-2 Mr '56.

Possibility of using a gas cycle in atomic power plants. A. P. Salikov. Teploenergetika 3 no. 8:53-56 S '56.

Power of subjugated atoms. B. Zatulovs'kyi. Pionerlia 33 no. 10:28-30 O '56.

ATOMIC POWER—EXHIBITIONS see subdivision under Moscow

ATOMIC POWER—INTERNATIONAL CONTROL
(see also subdivision under United States)

Bombs and the people. Kaoru Yasui. Ogonek 34 no. 40:7 S '56.

Interview with the delegation. Vsem. prof. dvizh. no. 10:4-6 O '56.

N. A. Bulganin's message to D. Eisenhower. Nov. vrem. 14 no. 44:insert:3-4 O '56.

Statement by a representative of the World Federation of Trade Unions at the Nagasaki Conference. Vsem. prof. dvizh. no. 10:8 O '56.

ATOMIC POWER INDUSTRY
(see also subdivision under Canada; United States)

Atomic engineering. A. I. Isakov. Nauka i zhizn' 23 no. 10:1-6 O '56.

Problems and prospects in atomic engineering. G. N. Kruzhilin. Priroda 45 no. 11:7-18 N '56.

ATOMIC SHIPS

Ships for long voyages. S. Morozov. Ogonek 34 no. 41: 6-7 O '56.

ATOMIC SPECTRUM see Spectrum, Atomic

ATOMIC WARFARE
(see also subdivision under Great Britain)

After the atomic blast. A. Tishchenko. Voen. znan. 31 no. 8:8-9 Ag '56.

ATOMIC WEAPONS—TESTING

Letter to the governments of the U. S. A., U. S. S. R, and Great Britain. Zhur. Mosk. Patr. no. 8:22 Ag '56.

ATOMIZATION

Fineness of liquid fuel atomization in ordinary atomizers. A. L. Lyshevskii. Teploenergeika 3 no. 10:30-33 O '56.

Fuel atomization by diesel engine nozzles. A. S. Lyshevskii. Nauch. trudy NPI 30:33-51 '55.

ATOMS

The atom is inexhaustible. Robert Hofstadter. Tekh. mol. 24 no. 10:10-12 O '56.

ATTENTION

Some aspects of the organization of students' attention in the teaching process. D. I. Gatkevich. Sov. pedag. 20 no. 11:53-62 N '56.

AUGITE see subdivision under Donets Basin

AUJESKY'S DISEASE see Pseudorabies

AUREOMYCIN

[Biomycin; experimental and clinical studies of biomycin] Biomytsin; eksperimental'noe i klinicheskoe izuchenie biomytsina. Otv. red. Z.V.Ermol'eva i A.F.Blilbin. Moskva, Gos. izd-vo med. lit-ry.
Vol. 2. [A collection of articles] Sbornik statei. 1956. 202 p.

AUSTENITE

Intermediate austenite transformation. L. M. Pevzner and others. Metalloved. i obr. met. no. 10:2-19 O '56.

Method for determining austenitic grain. I. E. Kontorovich, B. M. Voshedchenko. Zav. lab. 22 no. 8:954-955 Ag '56.

Pearlitic transformation in alloyed steel. R. I. Entin. Metalloved. i obr. met. no. 9:3-9 S '56.

Roentgenographic method for determining residual austenite by stepwise attenuation of lines of comparison. B. A. Brusilovskii. Zav. lab. 22 no. 8:936-943 Ag '56.

Temperature drop at the start of martensite transformation during the partial decomposition of austenite in bainite range. V. I. Arkharov, V. P. Skliuev, V. O. Esin. Fiz. met. i metalloved. 3 no. 1:62-65 '56.

Welding of austenite steel rotors. K. V. Liubavskii, V. A. Toropov. Metalloved. i obr. met. no. 10:52-56 O '56.

AUSTRALIA—PRESS

The press in Australia. F. Nosov. Sov. pech. no. 10: 47-51 O '56.

AUSTRIA—APARTMENT HOUSES

Architecture of residential and public buildings in Austria. N. Bylinkin. Arkhit. SSSR no. 10:45-49 '56.

AUSTRIA—HISTORY

The liberation struggle of the Ukrainian people in the first half of the 17th century and the policy of the Vatican and the Habsburgs. František Hrejsek. Nauk. zap. Inst. ist. AN URSR 7:238-251 '56.

"Outline history of Austria, 1918-1920." V. M. Turok. Reviewed by O. P. Valeva. Krat. soob. Inst. slav. no. 19:94-101 '56.

AUSTRIA—LOUD-SPEAKERS

Cylindrical loudspeaker (from "Radioschau"). Radio no. 10:54 O '56.

AUSTRIA—NEUTRALITY

A year of Austrian neutrality. A. Markov. Nov. vrem. 14 no. 44:9-11 O '56.

AUSTRIA—RELATIONS (GENERAL) WITH THE UKRAINE

The train of peace and friendship. M. Luhovykivna. Rad. zhin. 11 no. 10:20-21 O '56.

AUSTRIA—SCHOOLHOUSES

Architecture of residential and public buildings in Austria. N. Bylinkin. Arkhit. SSSR no. 10:45-49 '56.

AUTHORS

Merry pages ("In a literary gallery" by I. Igin. Reviewed by E. Min). Neva no. 10:194-195 O '56.

AUTHORS—CONGRESSES

Vsesoiuznyi s"ezd sovetskikh pisatelei, 2d, Moscow, 1954. [Second All-Union Congress of Soviet Writers, December 15-26, 1954; stenographic report] Vtoroi Vsesoiuznyi s"ezd sovetskikh pisatelei, 15-26 dekabria 1954 goda; stenograficheskii otchet. Moskva, Sovetskii pisatel', 1956 604 p.

AUTHORS, GREEK see subdivision under Leningrad

AUTHORS, KAZAKH

Work continuously and painstakingly with young authors. Komm. Kazakh. 26 no. 11:8-11 N '56.

AUTHORS, KIRGHIZ

Third plenum of the Administration of the Union of Kirghiz Writers. Kirgizstan 17 no. 1:70-80 Ja-F '55.

AUTHORS AND READERS
(see also subdivision under Moscow)

Good traditions. A. A. Zharov. Klub 6 no. 11:11, 14 N '56.

AUTHORSHIP

Profession of writers. Valentyn Rychko. Pionerlia 33 no. 10:12 O '56.

AUTOCLAVES

Technology of manufacturing lime-sand products. I. Hirt. Strot. mat., izdel. i konstr. 2 no. 9:10-16 S '56.

AUTOCLAVES—REPAIRING

Repairing worn out rubber gaskets of autoclaves. V. P. Blokhov. Voen.-med. zhur. no. 7:77 Jl '56.

AUTOGRAPHS—COLLECTIONS

Autographs of Russian writers in the P. I. Vekael collection. E. E. Naidich. Sbor. [Len.] pub. bibl. 3. 89-102 '55.

AUTOMATIC CONTROL

Adjustment of static automatic control systems. V. G. Chuich. Elektrichestvo no. 9:39-42 S '56.

Akademiia nauk SSSR. Institut avtomatiki i telemekhaniki. [A collection of papers on automatic and remote control; proceedings of the Second and Third Scientific and Technical Conferences of Young Specialists of the Institute of Automatic and Remote Control in the Academy of Sciences of the U.S.S.R.] Sbornik rabot po avtomatike i telemekhanike; trudy vtoroi i tret'ei nauchno-tekhnicheskikh konferentsii molodykh spetsialistov Instituta. Moskva, 1956. 207 p.

Akademiia nauk SSSR. Institut avtomatiki i telemekhaniki. [A collection of papers on automatic control and electric engineering] Sbornik statei po avtomatike i elektrotekhnike. Moskva, 1956. 323 p.

Application of the D-decomposition for plotting root loci and for quality analysis of automatic control systems [with English summary in insert]. Iu. A. Gerpet. Avtom. i telem. 17 no. 9:780-798 S '56.

Approximate numerical methods for calculating transient processes in linear and nonlinear systems (re-current formula method). S. S. Klukhrikov. Trudy MAI no. 66:25-34 '56.

Automatic control of piston compressors; discussion. A. A. Saprykin. Energ. biul. no. 9:19-27 S '56.

Automatic control of the future. B. N. Petrov. Nauka i zhizn' 23 no. 11:9-15 N '56.

Automatic control of the level in auxiliary condensers. B. P. Filatov. Neftianik 1 no. 9:7-8 S '56.

Automatic excitation controller for generators in low- and medium-duty electric power plants. L. V. Tsukernik, V. E. Rybina'kyi. Avtomatyka no. 3:58-63 '56.

Automatic machinery lighten work. G. Ermilova. Rabotnitsa 34 no. 10:5 O '56.

Automatic production of foundry molds in English plants. IA. L. Dodin. Lit. proizv. no. 9:5-9 S '56.

Automatic slope control for mining sinking combines. L. A. Shotkhet. Avtomatyka no. 3:28-40 '56.

Automatization in continuous woodpulp cooking. (From "Paper Trade Journal," no.13, 1954). E. IA. Balmasov. Bum. prom. 31 no. 9:29-30 S '56.

Automatizing the control of a screw conveyor. M. A. Berliner. Leg. prom. 16 no. 9:17-19 S '56.

Basic trends in development of the automatic control. O. N. Ivakhnenko. Avtomatyka no. 3:105-111 '56.

Conference on instruments used in thermal and automatic control. S. M. Zhelkovskii. Izm. tekh. no. 4: 66 Jl-Ag '56.

Controlling the speed of asynchronous motors by magnetic flux shunting. O. H. Shapovalenko. Avtomatyka no. 3: 64-77 '56.

Determining optimum parameters for time-delayed system controllers [with English summary in insert]. S. A. Levitan. Avtom. i telem. 17 no. 9:853-856 S '56.

Dokukin, A.V. [Automatization in coal mines] Avtomatizatsiia na ugol'nykh shakhtakh. Moskva, Ugletekhizdat, 1956. 64 p.

Evaluating the performance of automatic control systems by safety factor, modulus, phase and M value. M. V. Meerov. Avtom. i telem. 17 no. 10:865-870 O '56.

First cordination conference on automatic control. N. A. Kachanova, E. M. Shukatlo. Avtomatyka no. 3:106-108 '56.

High-speed calculating machines and the automation of industrial processes. N. A. IAvlinskii. Elektrichestvo no. 9:7-14 S '56.

Khramoi, A.V. [Historical sketch of the development of automatic control in the U.S.S.R.; prerevolutionary period] Ocherk istorii razvitiia avtomatiki v SSSR; dooktiabr'skii period. Moskva, Izd-vo Akademii nauk SSSR, 1950. 219 p.

AUTOMATIC CONTROL (Continued)

Kucher, I. M., and N. I. Shavliuga. [Automatization of machine tools; a survey of foreign technology] Avtomatizatsiia metallorezhushchikh stankov; obzor zarubezhnoi tekhniki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 168 p.

Labor organization at an automatic tube-rolling installation. L. Shevchenko. Sots. trud. no. 10:85-87 O '56.

The machine works independently. G. Ostroumov. Krest'ianka 35 no. 11:25-26 N '56.

Measuring instruments and automatic control in the woodpulp and paper industries. S. S. Granat. Bum. prom. 31 no. 9:7-9 S '56.

Mechanization and automatization of manually performed operations on flat, cardigan-stitch knitting machines. V. E. Grunin. Leg. prom. 16 no. 9:33-37 S '56.

Method of determining the frequency characteristics of industrial equipment to be controlled. N. I. Davydov and others. Teploenergetika 3 no. 9:35-42 S '56.

On V. I. Ivanenok's article "Comparing three control methods used in automatic control systems." S. Z. Bars'kyi. Aviomatyka no. 3:91-95 '56.

Operation of automatic controllers of combustion in boilers. L. P. Konovalov. Energetik 4 no. 10:6-7 O '56.

Over-all automatization of open-hearth furnace plants. G. A. Garbuz. Stal' 16 no. 9:782-789 S '56.

"Principles of automatic control." K. V. Egorov. Reviewed by A. G. Ivakhnenko. Elektrichestvo no. 9:95-96 S '56.

"Principles of automatic control." V. V. Solodovnikov. Reviewed by N. Kuzovkov. Aviomatyka no. 3:96-99 '56.

Semiautomatic control stations in oil fields. M. N. Shelepin, N. N. Petrov. Neftianik 1 no. 9:13 S '56.

Tasks of optimalizing control systems. O. H. Ivakhnenko. Aviomatyka no. 3:14-27 '56.

Telemetry and remote control of gas distributive stations. A. S. Boronikhin. Gaz. prom. no. 11:26-31 N '56.

Theory of optimum processes. V. G. Boltianskii, R. V. Gamkrelidze, L. S. Pontriagin. Dokl. AN SSSR 110 no. 1:7-10 S-O '56.

Using automatic regulators in hydrolysis plants. A. S. Shabalin, M. M. Saptro. Gidroliz. i lesokhim. prom. 9 no. 4:21-23 '56.

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATIC TIMERS

Computing parameters and instruments for determining the productive time of equipment. V. S. Vasil'ev. Stan. i instr. 27 no. 9:7-11 S '56.

AUTOMATION

Automation of central heating and power stations. G. I. Nudler. Nauka i zhizn' 23 no. 10:49 O '56.

Broadening research in the field of automation is an important task of the advanced technical schools. P. I. Polukhin, D. I. Vasil'ev. Vest. vys. shkoly 14 no. 10: 11-15 O '56.

Conference on automatization of industrial processes in the petroleum industry. Neftianik 1 no. 10:35 O '56.

Conference on mechanization and automation in plants of the Office of the Battery Industry under the Ministry of the Electric Industry. Vest. elektroprom. 27 no. 4:77-80 Ap '56.

Klement'ev, S. D. [Photoelectronic automation in labor protection] Fotoelektronnaia avtomatika v okhrane truda. [Moskva] Izd-vo VTsSPS, 1956. 141 p.

Pay more attention to automatization. Neftianik 1 no. 10:1-3 O '56.

Review of A. S. Azarov's book "Mechanization and automation in machining metal parts." G. M. Kuznetsov. Avt. i trakt. prom. no. 9:47-48 S '56.

The role of automation in industry. S. Krasivskii. Part. zhizn' no. 18:37-45 S '56.

The social and economic consequencies of the automation of industry in capitalist countries. E. Khizhnyi. Sov. profsoiuzy 4 no. 10:84-88 O '56.

AUTOMOBILE DRIVERS
(see also subdivision under Tatar A. S. S. R.)

The leading profession in the automotive transport industry. Avt. transp. 34 no. 9:1-3 S '56.

AUTOMOBILE ENGINEERING RESEARCH

Scientific research and experimental work done by the institutes and plants of the automobile and tractor industry; list no. 6, 1956. Avt. i trakt. prom. no. 9: 47 S '56.

AUTOMOBILE INDUSTRY

Brochure of an American engineer. Nov. vrem. 14 no. 43:26-27 O '56.

Designing cold stamping plants. D. G. Ginzburg. Avt. i trakt. prom. no. 9:37-39 S '56.

Hidden potentialities for the reduction of auxiliary work at automobile factories. M. Shor, A. Maksimov. Sots. trud. no. 4:69-72 Ap '56.

AUTOMOBILE INDUSTRY—CONGRESSES see subdivision under Rome

AUTOMOBILES see subdivision under Czechoslovakia; France; Moscow

AUTOMOBILES—BODIES

Hermetic sealing of passenger car bodies. L. V. Liakhovets. Nauch. trudy NPI 30:201-209 '55.

AUTOMOBILES—BRAKES

Karvatskii, B. L., and V. M. Kazarinov. [Automobile brakes] Avtotormoza. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 287 p.

AUTOMOBILES—DESIGN AND CONSTRUCTION

Possibilities for simplifying the design swing-axle independent wheel suspensions used on automobiles. N. M. Savin. Nauch. trudy NPI 30:210-217 '55.

A word to automobile designers. A. Bocharov, B. Artemenko, I. Kliushkin. Mol. kolkh. 23 no. 10: 14 O '56.

AUTOMOBILES—ENGINES
(see also subdivision under Germany, West)

Efficient method of engine heating. S. Kuznetsov. Avt. transp. 34 no. 9:29 S '56.

Electric heating of engines without using a heater. F. Mainikov. Avt. transp. 34 no. 9:21 S '56.

Eliminate shortcomings in the design of the IAAZ-204 engine. M. Vlasov. Avt. transp. 34 no. 9:25-26 S '56.

New method of heating engines in winter. G. Losavio, N. Semenov. Avt. transp. 34 no. 9:13-14 S '56.

Optimum rate of engine revolutions and speed performance of automobiles. M. S. Beilitskii. Nauch. trudy NPI no. 30:191-200 '55.

AUTOMOBILES—ENGINES (COMPRESSED GAS)

Mechanical cleaning and testing of gas cylinders of compressed-gas automobiles. G. Zhaltukhin. Avt. transp. 34 no. 9:16-17 S '56.

AUTOMOBILES—FUEL CONSUMPTION

One fuel economy potentiality. B. Zubchuk. Avt. transp. 34 no. 9:21 S '56.

AUTOMOBILES—MAINTENANCE
(see also subdivision under United States)

Improving the organization of automobile servicing. A. Lomanov, N. Korneichev, S. Zhorov. Avt. transp. 34 no. 9:11-12 S '56.

AUTOMOBILES—REPAIRING
(see also subdivision under Baku)

Automobile milage is the basic index. A. Eremenko. Sots. trud. no. 10:88-91 O '56.

Some problems in the technology of reconditioning parts by means of aeration. T. Dukhov. Avt. transp. 34 no. 9:22-23 S '56.

Textbook on automobile repair ("Repairing automobiles." V. V. Efremov.) Avt. transp. 34 no. 9:38-39 S '56.

AUTOMOBILES—SPRINGS

Device for changing the spring bearings of the Moskvich automobile. V. Tret'iakov. Avt. transp. 34 no. 9:32 S '56.

AUTOMOBILES—STARTING DEVICES

Device for rapid starting of IAZ-204 and IAZ-206 engines. IU. Stepanenko. Avt. transp. 34 no. 9:30 S '56.

AUTOMOBILES—TOURING see subdivision under Ukraine

AUTOMOBILES—VIBRATION

Engineering methods of calculating automobile vibration. R. V. Rotenberg. Avt. i trakt. prom. no. 9:13-17 S '56.

AUTOMOBILES—WHEELS

The rolling of an automobile wheel at an inclined angle to the road. V. I. Knoroz. Avt. i trakt. prom. no. 9: 24-32 S '56.

Ways of measuring the toe-in of automobile front wheels. N. Brovchenko. Avt. transp. 34 no. 9:17-18 S '56.

Wheel-changing pit. I. Tuktaev. Avt. transp. 34 no. 9: 15-16 S '56.

AUTUMN

Autumn front. V. I. Dolgoshov. Priroda 45 no. 10:127 O '56.

Breath of autumn. K. Vachnadze. Smena 33 no. 18:16 S '56.

AUXOCHROMES

Quantitative characteristics of the auxochrome activity of elements (cations). I. S. Mustafin, E. A. Kashkovskaia. Zhur. ob. khim. 26 no. 9:2381-2384 S '56.

AVACHA, SOPKA—VOLCANOES

In the crater of an active volcano. IUrii Ivanov. Ogonek 34 no. 42:14-16 O '56.

AVIATION see Aeronautics

AVIATION MEDICINE

Activities of the Section of Aviation Medicine of the Moscow Society of Physiologists, Biochemists and Pharmacologists. K. K. Platonov, A. V. Chapek. Fiziol. zhur. 42 no. 8:728 Ag '56.

Effect of radial acceleration on conditioned vasomotor reflexes. V. V. Usachev. Zhur. vys. nerv. deiat. 6 no. 4:555-560 Jl-Ag '56.

Problems of aviation medicine at the Learned Medical Council. Vest. Vozd. Fl. 38 no. 5:83-84 My '56.

Recording physiological functions of pilots in flight. Vest. Vozd. Fl. 38 no. 5:81-83 My '56.

AWARDS see Arbitration and award

AXINITE see subdivision under Kazakhstan

AXLES

Axle boxes with antifriction bearings. D. E. Frakman. Stan. i instr. 27 no. 9:36 S '56.

Expanding the axle shaft housing of the GAZ-51 automobile. V. Tishkevich. Avt. transp. 34 no. 9:23 S '56.

AZEOTROPY

Determination of liquid-vapor equilibrium in azeotropic systems with a solvent. V. V. Kafarov, L. A. Gordievskii. Zhur. prikl. khim. 29 no. 4:535-543 Ap '56.

AZERBAIJAN—BEES—DISEASES AND PESTS

Short historical survey on the study of bee diseases in Azerbaijan [in Azerbaijani with summary in Russian]. R. P. Ibragimov. Izv. AN Azerb. SSR no. 9:49-55 S '56.

AZERBAIJAN—CORN (MAIZE)

Two crops in one year. M. M. Ali-zade. Kukuruza 1 no. 5:22-23 Ag '56.

AZERBAIJAN—COTTON GROWING

Effect of trace elements on the development and yield of cotton in Safarliyev and Shamkhor Districts of the Azerbaijan S. S. R. M. G. Abutalybov, A. Kh. Togizade, I. Buniatov. Uch. zap. AGU no. 9:51-56 '55.

Our means of lowering production outlays and increasing the productivity of cotton. Imram Mirzaev. Khlopkovodstvo 6 no. 9:11-14 S '56.

Our practices in obtaining high yields of cotton. V. Rzaev. Khlopkovodstvo 6 no. 9:35-39 S '56.

Use of hired labor in cotton growing of Azerbaijan at the end of the 19th and the beginning of the 20th century [in Azerbaijani with summary in Russian]. I. N. IUsifov. Izv. AN Azerb. SSR no. 9:107-115 Ag '56.

AZERBAIJAN—COURTS

Some problems of the history of the organization of courts in Azerbaijan (1917-1924) [in Azerbaijani with summary in Russian]. D. G. Mo[illegible]sumov. Uch. zap. AGU no. 12: 77-85 '55.

AZERBAIJAN—DISSERTATIONS, ACADEMIC

Defense of dissertations at the Azerbaijan State University. I. Glushchenko. Uch. zap. AGU no. 1:109-118 '55.

List of dissertations defended at the Azerbaijan State S. M. Korov University in 1954. Uch. zap. AGU no. 1 119-121 '55.

AZERBAIJAN—ELECTRIC POWER DISTRIBUTION

Use of 2-6 kv. cable networks in fields of the Ministry of the Petroleum Industry of the Azerbaijan S. S. R. S. A. Ioannisian. Energ. biul. no. 10:10-12 O '56.

AZERBAIJAN—FISHING—IMPLEMENTS AND APPLIANCES

Windlass for hauling seines and driving cable conveyers in the fisheries of Azerbaijan. I. Sh. Tiuktiaev. Ryb. khoz. 32 no. 10:21-24 O '56.

AZERBAIJAN—FRUIT CULTURE

Let the orchard bloom! K. Khromov. Mol. kolkh. 23 no. 10:24 O '56.

AZERBAIJAN—FUNGI

Species of fungi of the genus Phyllosticta discovered in the Nukha-Zakataly region of the Azerbaijan S. S. R. G. R. Ibragimov, T. M. Akhundov. Izv. AN Azerb. SSR no. 6:35-41 Je '56.

"Species of parasitic fungi of the genus Cylindrosporium Grev. in the Nukha-Zakataly zone of Azerbaijan." G. R. Ibragimov, T. M. Akhundov. Reviewed by A. S. Bondartsev, P. N. Golovin. Bot. zhur. 41 no. 9:1386-1387 S '56.

AZERBAIJAN—HISTORY

History of the joint struggle of the peoples of Daghestan and Azerbaijan against foreign usurpers. R. M. Magomedov. Uch. zap. AGU no. 4:85-94 '56.

AZERBAIJAN—HUNTING

Hunters of Azerbaijan. B. Ragimov. Okh. i okh. khoz. no. 10:60 O '56.

AZERBAIJAN—MATERIA MEDICA, ANIMAL

Prospects for utilizing certain animal resources of Azerbaijan in the production of organotherapeutic preparations. R. K. Aliev. Uch. zap. AGU no. 9:73-85 '55.

AZERBAIJAN—PARSLEY
Chemical composition of the herbage and roots of parsley, cultivated in Azerbaijan, and effect of parsley preparations on the cardiovascular system. R. K. Aliev and others. Uch. zap. AGU no. 12:53-62 '55.

AZERBAIJAN—PEAT BOGS
Origin of swamps in the Azerbaijan S. S. R. R. G. Sultanov, M. M. Gasanov. Uch. zap. AGU no. 9:33-36 '55.

AZERBAIJAN—PETROLEUM GEOLOGY
Reservoir properties of sands and siltstone of the Kirmaki series in the Balakhany-Sabunchi-Romany fields. A. G. Aliev, L. V. Minzberg, L. A. Nikolaeva. Izv. AN Azerb. SSR no. 6:41-60 Ag '55.

AZERBAIJAN—PETROLEUM WORKERS
Youthful crews in Azerbaijan. A. Krasheninnikov. Neftianik 1 no. 10:33-34 O '56

AZERBAIJAN—POLITICS AND GOVERNMENT
Azerbaijan S. S. R. as a sovereign republic in the Soviet Socialist Federation. A. Sh. Mil'man. Uch. zap. AGU no. 6:101-111 '55.

AZERBAIJAN—RELATIONS (GENERAL) WITH DAGHESTAN
Cultural and historical ties of Azerbaijan and Daghestan in the folklore and poetry of Daghestan. A. F. Nazarevich. Uch. zap. AGU no. 4:85-93 '56.

AZERBAIJAN—SHEEP BREEDS
Studying the histology of the skin of various sheep breeds and strains raised in Azerbaijan. E. IU. Musaev. Uch. zap. AGU no. 4:23-25 '56.

AZERBAIJAN—THISTLE
Phytochemical study of the yellow star thistle growing in Azerbaijan; preliminary report. G. M. Mamedov. Apt. delo 5 no. 5:57 S-O '56.

AZERBAIJAN—TREACLE MUSTARD
Biological and ecological characteristics and distribution of some species of the treacle mustard (Erysimum) occurring in Azerbaijan [in Azerbaijani with summary in Russian]. M. A. Kasumov, D. A. Aliev. Uch. zap. AGU no. 11:51-57 '55.
Chemical composition of Georgian treacle mustard (Erysimum ibericum Adams.) occurring in Azerbaijan and the effect on the cardiovascular system of galenicals derived from it. R. K. Aliev and others. Uch. zap. AGU no. 4:27-38 '56.

AZERBAIJAN—VETCHLING
Some data on the wild forage vetchlings of Azerbaijan. M. A. Kasumov, R. I. Zhukova. Uch. zap. AGU no. 9:57-63 '55.

AZERBAIJAN—WASTE LANDS
The "bad lands" of Azerbaijan. M. A. Museibov. Uch. zap. AGU no. 9:45-49 '55.

AZERBAIJAN—WHITE CLOVER
Increasing the germinating capacity of white clover and its importance as a forage crop. G. A. Akhmedbeili. Uch. zap. AGU no. 11:47-50 '55.

AZERBAIJAN STATE UNIVERSITY
Scientific session of the S. M. Kirov State University of Azerbaijan dedicated to the 200th anniversary of the M. V. Lomonosov State University in Moscow. K. K. Gisl'. Uch. zap. AGU no. 8:95-103 '55.
To the S. M. Kirov State University of Azerbaijan. Uch. zap. AGU no. 8:11-12 '55.

AZERBAIJANI ART see Art, Azerbaijani

...der Daghestan

...b.

—

AZERBAIJANI PERIODICALS
Some observations on the role and struggle of the journal "Molla Nasreddin" for purity of the Azerbaijani literary language [in Azerbaijani with summary in Russian]. A. S. Dzhangirov. Izv. AN Azerb. SSR no. 9:63-68 S '56.

AZINES
Reactions of hydrazine derivatives. Part 9. Cyclization of aldazines by alkyl halides. A. N. Kost, I. I. Grandberg, G. A. Golubeva. Zhur. ob. khim. 26 no. 9:2604-2607 S '56.

AZO COMPOUNDS
Infrared absorption spectrum technique for investigating the chemical structure of hydrochlorides of aminoazo compounds. G. D. Bagratishvili. Soob. AN Gruz. SSR 17 no. 7:615-622 '56.

AZOTOBACTER
Effect of azotobacterin on the grain quality of wheat. V. V. Pinevich. Agrobiologiia no. 5:92-94 S-O '56.
Effect of fertilizers on the activity of azotobacterin. A. K. Panosian, R. M. Akhinian, A. Dz. Nalbandian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:51-55 S '56.
Use of bacterial fertilizers for sugar beets. I. A. Geller. Agrobiologiia no. 5:83-91 S-O '56.

AZOV—PHYSICAL EDUCATION AND TRAINING
The sea will not stop us. G. Kalashnikov. Vozhatyi 32 no. 10:7 O '56.

AZOV, SEA OF—ALGAE
New form of Aphanizomenon from the Sea of Azov. G. K. Pitsyk. Bot. mat. Otd. spor. rast. 11 27-29 Ja '50.

AZOV, SEA OF—DIATOMS
New representatives of the genus Chaetoceros from the Black Sea and the Sea of Azov. A. I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 11 51-56 Ja '56.
New species of Thalassiosira in the plankton of the Sea of Azov. A. I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 11 57-59 Ja '56.

AZOV, SEA OF—SALINITY
Salinity of the Sea of Azov water in connection with the change of its water balance. A. N. Shekhtman. Meteor. i gidrol. no. 8:14-19 Ag '56.

AZOV REGION—IRON ORES
New data on the stratigraphy of the iron ore series of the western Azov region. G. V. Zhukov. Izv. AN SSSR. Ser. geol. 21 no. 9:105-108 S '56.

AZOV SEA REGION—IRON ORES
Mineralogy of biomorphosis in connection with the origin of iron ores in the Azov Sea region. A. U. Litvinenko. Vop. min. osad. obr. 3/4:174-189 '56.

AZOVSKOYE DISTRICT—DAIRYING
The problem was solved in this way. V. Il'in. Mol. komm. 14 no. 10:86-87 O '56.

BCG VACCINATION
Antituberculous vaccination in adults. R. IA. Senderova. Probl. tub. 34 no. 4:3-6 Jl-Ag '56.
Combined entero-cutaneous method of immunization with BCG vaccine. S. I. Gel'berg and others. Probl. tub. 34 no. 4:48-53 Jl-Ag '56.
Course and forms of tuberculosis in young children after revaccination. G. G. Pletneva. Probl. tub. 34 no. 4:19-23 Jl-Ag '56.
Significance of X-ray examination method in selecting children for revaccination. E. A. Mazina. Probl. tub. 34 no. 4:12-18 Jl-Ag '56.
So-called complications following antituberculous vaccination. A. I. Togunova. Probl. tub. 34 no. 4:41-48 Jl-Ag '56.
Work practice of antituberculous vaccination of adults in cities and villages. O. I. Kornblium. Probl. tub. 34 no. 4:6-12 Jl-Ag '56.

BABEUF, FRANÇOIS NOEL, 1760-1797
Babeuf and Marat in 1789-1790. V. M. Dalin. Vop. ist. no. 9:45-58 S '56.

BACKWARD CHILDREN see Children, Abnormal and backward

BACTERIA
Electronic microscopy for acid-resistant bacteria. V. N. Kolmykova, A. S. Shubin. Lab. delo 2 no. 5:8-10 S-O '56.
Living fertilizers. L. Sudakova. IUn. nat. no. 3:34-35 Je '56.
Using micro-organisms in chemical analysis. N. G. Polianskii. Priroda 45 no. 11:83-84 N '56.

BACTERIA, PATHOGENIC
Atypical growth of Flexner's dysenteric bacillus on bactoagar. Zh. L. S. Kreinin. Lab. delo 2 no. 5:25-26 S-O '56.

BACTERIA, SPOREFORMING
Quantitative determination of bacterial spores and sources of their penetration into ammunition. M. A. [illegible] fets. Vop. pit. 15 no. 5:87-88 S-O '56.

BACTERIA, THERMOPHILIC
Thermophilic micro-organisms in canned fish. [illegible] Ravich-Shcherbo. Ryb. khoz. 32 no. 10:75-77 [illegible]

BACTERIOLOGICAL WARFARE
Bacteriological weapons of the United States Army. A. Sinitsev, A. Butivshenko. Voen. znan. [illegible] S '56.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA
Atypical growth of Flexner's dysenteric bacillus on bactoagar. Zh. L. S. Kreinin. Lab. delo 2 no. 5:25-26 S-O '56.
Change in the amino acid composition of culture media during the growth of micro-organisms of the coli-typhoid group. I. N. Blokhina, R. S. Perova, V. M. [illegible] Zhur. mikrobiol. epid. i immun. 27 no. 10:12-18 O '56.
Iron-citric medium for determining formation of hydrogen sulfide. A. B. Chernomordik. Lab. delo 2 no. 5:27 S-O '56.

BACTERIOLOGY—TECHNIQUE
Culturability of dysentery bacteria from mucous smears in rectoromanoscopy. R. V. Litvak, N. G. Shelomova. Lab. delo 2 no. 5:23-25 S-O '56.

BACTERIOLOGY, AGRICULTURAL see subdivision under Kiev

BACTERIOPHAGE
Experimental basis of a new method for detecting Shigella dysenteriae and Eberthella typhosa with the aid of phages. V. D. Timakov, D. M. Gol'fel'd. Zhur. mikrobiol. epid. i immun. 27 no. 10:3-8 O '56.
Results of using antiphage serum for the improvement of bacteriological diagnosis of brucellosis in man. A. S. Fomicheva, V. S. Uvarova, N. A. Cherniavskaia. Zhur. mikrobiol. epid. i immun. 27 no. 10:97-98 O '56.
Secondary phage-resistant cultures of Brucella. M. S. Drozhevkina. Zhur. mikrobiol. epid. i immun. 27 no. 10:63-68 O '56.

BADHYZ—PALEOBOTANY, STRATIGRAPHIC
Spore and pollen complexes of Eocene deposits of Badhyz (Armenia). R. IA. Abuziarova. Bot. zhur. 41 no. 9:1339-1345 S '56.

BAGDANOVICH, KARL IVANOVICH, 1864-1947
Scientific and organizational activity of Karl Ivanovich Bogdanovich. A. N. Zavaritskii and others. Trudy geol. znan. no. 5:168-210 '56.

BAGGAGE see Luggage

BAIKAL, LAKE—DIATOMS
Formation of auxospores in Cyclotella baicalensis (C. Meyer) Skvortzov. N. I. Antipova. Bot. mat. Otd. spor. rast. 11 30-42 Ja '56.
New species of the genus Cyclotella from Lake Baikal. N. I. Antipova. Bot. mat. Otd. spor. rast. 11 35-38 Ja '56.

BAIKAL, LAKE—WHITEFISHES
Fishing for lake whitefish with drift nets. V. F. Al[illegible] Ryb. khoz. 32 no. 10:66 O '56.
Fishing for lake whitefish with fixed nets. IA. S. IAk[illegible] shev. Ryb. khoz. 32 no. 10:66 O '56.

BAIKAL REGION—CHORAL SOCIETIES
Singers of the trans-Baikal region. V. Shuatkov. Ogonek 34 no. 41:24 O '56.

BAKED PRODUCTS—ANALYSIS AND EXAMINATION
Laboratory inspection of the quality of confectionery cream products. V. I. Bugrova. Vop. pit. 15 no. 5:88-89 S-O '56.

BAKHTA RIVER—HYDROGRAPHY
Replotting the hydrographic net in the Bakhta River basin in the northwestern region of Central Siberia. O. I. Amurskii, N. V. Drenov. Izv. AN SSSR. Ser. geog. no. 3:90-95 My-Je '56.

BAKU—AUTOMOBILES—REPAIRING
The Baku automobile repair shop sends out jobs containing flaws. A. N. Zabrodin. Neftianik 1 no. 8:33 Ag '56.

BAKU—BOOKSELLERS AND BOOKSELLING
More on card indexes. S. Magnotshtein, G. Chernichkin. Sov. knizh. torg. no. 10:15 O '56.

BAKU—BUILDING STONES
Study of the cohesiveness of mortars with stone in masonry work with certain shell limestones from Baku quarries. G. M. Dzhafarov, M. G. Mamedaliev. Izv. AN Azerb. SSR no. 9:3-16 S '56.

BAKU—FESTIVALS
First festival of the republic. Mol. kolkh. 33 no. 9:1-3 S '56.

BAKU—MARINE ENGINES—REPAIRING
New techniques for the repair of K6TS-54/90 engines. A. Popov, B. Duel'. Mor. flot 16 no.10:17-18 O '56.

BAKU—NEWSPAPER AND PERIODICAL CIRCULATION
For irreproachable work of many years. I. Vanag. Raspr. pech. no. 9:21 S '56.

BAKU—PACKING HOUSES
Efficiency improvement at the Baku Meat Combine. I. Konkin. Mias. ind. SSSR 27 no. 5:30-31 '56.

BAKU—RED CROSS
Fine initiative. E. Mailian. Sov. kras. krest 6 no. 5: 5 S-O '56.

BAKU—SHOE INDUSTRY
Multilinear conveyor in the cutting-out department of a shoe factory. G. M. Danielian, V. I. Kistrusskii. Leg. prom. 16 no. 9:43-46 S '56.

BAKU—STRIKES AND LOCKOUTS—PETROLEUM INDUSTRY
Glorious pages of a heroic fight. Z. I. Ibragimov. Uch. zap. AGU no. 1:3-13 '55.

BAKU IN LITERATURE
Prerevolutionary Baku in the works of Al. Shirvanzade, E. Nuratov. Stud. nauch. sbor. ERPI no. 3:51-72 '55.

BALANCING OF MACHINERY
Self-centering and balancing of a rigid rotor rotating in two elastic supports. A. S. Kel'zon. Dokl. AN SSSR 110 no. 1:31-33 S-O '56.

BALKASHIN, IURII
"Pavlik Morozov"; notes on IU. Balkashin's symphonic poem. M. Aranovskii. Sov. muz. 20 no. 10:36-38 O '56.

BALKHASH REGION—ORE DEPOSITS
Some regularities in the occurrence of polymetallic deposits in the interior of the Dzungarian-Balkhash structure. A. S. Velikii, A. S. Kumpan. Inform. sbor. VSEGEI no. 2:53-56 '56.

BALL BEARINGS
History of the wheel and the bearing. Z. Perlia. Znan. sila 31 no. 10:8-9 O '56.
Rebound testing of bearing balls for hardness and the absence of cracks. V. K. Grigorovich. Zav. lab. 22 no. 8 973-979 Ag '56.

BALLAST see subdivision under Great Britain

BALLET see subdivision under Leningrad; London; Saratov

BALLOONS, PILOT
Measuring the range of pilot balloons. V. D. Reshetov. Trudy TSAO no. 16:52-58 '56.

BALTIC SEA—STURGEONS
Rare specimen of the Baltic sturgeon. N. P. Biriukov. Priroda 45 no. 11:113 N '56.

BALTIC SEA REGION—OIL SHALES
Kinetics of the thermal decomposition of oil shale from the Baltic region. A. J. Aarna. Zhur. prikl. khim. 29 no. 4:606-610 Ap '56.

BANDS (MUSIC) see subdivision under Moscow

BANKS AND BANKING
(see also subdivision under India; Kazakhstan; Ukraine)
Decisive quarter. Den. i kred. 14 no. 10:3-6 O '56.
Our readers' suggestion. Den. i kred. 14 no. 10:50-54 O '56.
Price determination and bank control in the meat and dairy industries. M. Ingerman. Den. i kred. 14 no. 10:25-31 O '56.

BANSKA STAVNICA, CZECHOSLOVAKIA—CHEMISTRY, TECHNICAL—CONGRESSES
Conference of chemical engineers. P. P. Budnikov. Vest. AN SSSR 26 no. 10:79-80 O '56.

BAR DISTRICT—FISHERIES
Poaching fishery. O. Klirosov, K. Platonov. Okh. i okh. khoz. no. 10:61 O '56.

BARANOVICHI—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
A genuine and a sham adherence to principles. B. Gordei. Komm. Bel. 20 no. 10:44-47 O '56.

BARANSKII, NIKOLAI NIKOLAEVICH, 1881-
Nikolai Nikolaevich Baranskii; on the occasion of his 75th birthday. I. M. Maergoiz, IU. G. Saushkin. Izv. AN SSSR. Ser. geog. no. 5:86-90 S-O '56.

BARBITAL
Studies on the distribution of veronal in the central nervous system using tagged atoms. S. G. Zograbian, S. E. Shaol', Zhur. nevr. i psikh. 56 no. 8:654-656 '56.

BARDIN, ANTON IVANOVICH
Russian forgeries of manuscripts at the beginning of the 19th century; Bardin and Sulakadzev. M. N. Speranskii. Probl. istoch. no. 5:44-101 '56.

BARENTS SEA—CYCLONES
Plunging cyclones over the Barents Sea. A. Novokhat'ko. Trudy TSIP no. 42:54-56 '56.

BARENTS SEA—TRAWLS AND TRAWLING
Expand trawl fishery in the northwestern areas of the Barents Sea. IA. A. Tovbin. Ryb. khoz. 32 no. 9:41-44 S '56.

BARGA STEPPE—STOCK AND STOCKBREEDING
In the wide steppe. Kitai no. 10:13-15 O '56.

BARGES
It is necessary to improve the state of repair of the wooden fleet. A. Barakin. Rech. transp. 15 no. 8: 16-17 Ag '56.

BARGUZIN VALLEY—ROCKS, IGNEOUS
Veins and effusive rocks of the Turka-Barguzin watershed. M. I. Kadenskaia. Uch. zap. Ped. inst. Gertz. 117:85-102 '56.

BARIUM
Changes in the electron emission yield of metals following the adsorption of dipole molecules by the metal surface. I. M. Dykman. Ukr. fiz. zhur. 1 no. 1:81-87 '56.
Effect of adsorbed films of barium atoms and barium oxide molecules on the electron emission by the metal. V. M. Havryliuk. Ukr. fiz. zhur. 1 no. 1:73-80 '56.

BARIUM PEROXIDE
Possibility of $Ba(O_2)_2$ preparation. I. I. Vol'nov, A. N. Shatunina. Dokl. AN SSSR 110 no. 1:87-88 S-O '56.

BARIUM TITANATES—ELECTRIC PROPERTIES
Thermodynamical theory of the ferroelectric properties of barium titanate [with English summary in insert]. L. P. Kholodenko. Zhur. eksp. i teor. fiz. 31 no. 2:244-253 Ag '56.

BARK BEETLES see subdivision under Tajikistan

BARK PEELING see subdivision under Solikamsk

BARLEY
Dolgov, I. D., and A. V. Voznesenskii. [For high barley yields] Za vysokie urozhai iachmenia. [Kuibyshev] Kuibyshevskoe kn-vo, 1954. 19 p. (Peredovoi opyt v sel'skom khoziaistve) (DA)
Effect of wintering conditions on the characteristics of stage development of different barley varieties. V. V. Skripchinskii. Dokl. AN SSSR 109 no. 6:1210-1213 Ag '56.

BARLEY, FOSSIL see subdivision under Kerch

BARSH, IAKOV SAVVICH
Index to IA. S. Barsh's "Journal." Sbor. [Len.] pub. bibl. 3:40-49 '55.
Vice Admiral IA. S. Barsh's "Journal." Part I: 1707-1725. V. G. Geiman. Sbor. [Len.] publ. bibl. no. 2:7-74 '54.
Vice Admiral IA. S. Barsh's "Journal." The second part: 1726-1740. V. G. Geiman. Sbor. [Len.] pub. bibl. 3: 7-39 '55.

BASE-EXCHANGING COMPOUNDS
Effect of degree of swelling of ion exchange resins on ionic sorption selectivity of aureomycin, terramycin and streptomycin ions by-cationic resins [with English summary in insert]. G. V. Samsonov. Koll. zhur. 18 no. 5:592-596 S-O '56.

BASHILOV, M. S., d. 1876
Writer and illustrator. Z. Shepoleva. Neva no. 9:166-169 S '56.

BASHKIRIA—EDUCATION, PRESCHOOL
History of public preschool education in Soviet Bashkiria, 1917-1941. M. N. Fakhretdinova. Uch. zap. Ped. inst. Gertz. 126:171-215 '56.

BASHKIRIA—VITICULTURE
Viticulture in the Bashkir A. S. S. R. G. K. Baikov. Biul. Glav. bot. sada no. 24:100-101 '56.

BASHKOVA, MARIIA GEORGIEVNA, d. 1956
M. G. Bashkova. Elektrichestvo no. 9:90 S '56.

BASIDIOMYCETES
(see also subdivision under Soviet Far East)
The East Siberian and East American fungus Pholiota luteofolia (Peck) Sacc. B. P. Vasil'kov. Bot. mat. Otd. spor. rast. 11 131-133 Ja '56.
Systematical survey of the aspen mushroom Krombholzia aurantiaca (Roques) Glib. and its forms found in the U. S. S. R. B. P. Vasil'kov. Bot. mat. Otd. spor. rast. 11 134-140 Ja '56.

BASKETBALL
(see also subdivision under United States)
[Basketball in the U.S.S.R.] Basketbol v SSSR. [Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956] 1 v. (unpaged)

BATHS, MOOR AND MUD see subdivision under Lipetsk

BATTERIES, ELECTRIC see Electric batteries

BATUM—MAGNOLIA
Plants of the magnolia family in the Batum Botanical Garden. A. B. Matinian. Biul. Glav. bot. sada no. 24: 3-11 '56.

BAUXITE
Some problems of mineral formation in bauxites. S. I. Beneslavskii. Vop. min. osad. obr. 3/4:144-159 '56.

BEADS see subdivision under Novgorod

BEAMS see Girders

BEANS—DISEASES AND PESTS
Bacterial pustule in beans. IU. I. Shneider. Zashch. rast. ot vred. i bol. 1 no. 4:56-57 S-O '56.

BEANS—VARIETIES see subdivision under Transcarpathia

BEARING INDUSTRY see subdivision under Moscow

BEARING METALS
"Preheating" of lead babbit bearings. A. A. Filimonov. Nauch. trudy NPI 30:218-224 '55.

BEARINGS (MACHINERY)
Axle boxes with antifriction bearings. D. E. Frakman. Stan. i instr. 27 no. 9:36 S '56.
Basis of the system of repair sizes for aluminum bimetallic bearing linings. A. P. Begidzhanova. Trudy VIM 23:94-110 '56.
Modernization of bearing mountings on papermaking machines and supercalenders. I. S. Starets, S. M. Rusinskii, K. N. Sazonova. Bum. prom. 31 no. 9:15-20 S '56.
Repair of worn diesel engine bearings lined with leaded bronze. M. I. Veliev. Trudy VIM 23:117-135 '56.
Sleeve bearings with reduced thickness of babbit layers. B. I. Smirnov. Vest. mash. 36 no. 10:17-18 O '56.

BEAUTY CULTURE see subdivision under Moscow

BEAVERS see subdivision under Komi A. S. S. R.

BEE CULTURE—STUDY AND TEACHING
Reizin, E. K. [Student assignments in beekeeping] Zanlatiia uchashchikhsia po pchelovodstvu. Pod red. N. L. Sokolova. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 35 p. (Pedagogicheskie chtoniia) (DA)

BEEF CATTLE
(see also subdivision under Astrakhan Province)
Some problems in the development of beef cattle raising. N. M. Burlakov. Zhivotnovodstvo 18 no. 10:20-24 O '56.

BEER
Mechanism of the action of beer on gastric secretion. IU. D. Popov. Vop. pit. 15 no. 5:69-70 S-O '56.
Using carbonic acid for mixing beers. A. B. Kozorez. Spirt. prom. 22 no. 3:38 '56.

BEES
Using bees for obtaining hybrid cotton seeds. I. A. Khalifman. Agrobiologiia no. 5:153-155 S-O '56.

BEES—DISEASES AND PESTS see subdivision under Azerbaijani

BEETS, SUGAR see Sugar beets

BELAYA TSERKOV'—KINDERGARTEN
Getting acquainted with animals in the kindergarten. M. Kupershmid. Doshk. vykh. 17 no. 10:31-34 O '56.

BELEMNITES
Belemnites in Old Stone Age. P. I. Boriskovskii. Priroda 45 no. 11:113-114 N '56.

BELEN'KOYE—FISHERIES
Ponds in the rice fields. V. Movchan. Ogonek 34 no. 42:17-18 O '56.

BELEN'KOYE—RICE
Ponds in the rice fields. V. Movchan. Ogonek 34 no. 42:17-18 O '56.

BELGIUM—BICYCLE RACING
Bicycle racing in Belgium; talks with riders and trainers of the national Belgian team. N. N. Borisova. Teor. i prak. fiz. kul't. 19 no. 10:796-797

BELGIUM—BIOLOGICAL LABORATORIES
Biochemical laboratories in Belgium and France. N. M. Sisakian. Vest. AN SSSR 26 no. 10:91-97 O '56.

BELGIUM—EXHIBITIONS
International exhibition in Belgium. A. Lebl. Tekh. mol. 24 no. 10:6-7 O '56.
The 1956 world industrial fair in Belgium. V. K. Rostotskii. Stroi. i dor. mashinostr. no. 9:30-36 S '56.

BELGIUM—FOREIGN RELATIONS—ASIA
Interview with leaders of the Belgian government. Nov. vrem. 14 no. 43:16-17 O '56.

BELGIUM—FOREIGN RELATIONS—RUSSIA
Soviet-Belgian communique. Nov. vrem. 14 no. 46: insert:3-4 N '56.

BELGIUM—RELATIONS (GENERAL) WITH RUSSIA
Agreement on cultural cooperation between the U.S.S.R. and Belgium. Nov. vrem. 14 no. 45:insert:2 N '56.

BELGOROD PROVINCE—FUNGI
Some interesting fungi found in Belgorod Province. I. E. Brezhnev. Bot. mat. Otd. spor. rast. 11 161-164 Ja '56.

BELGRADE—CHESS—TOURNAMENTS
Friendly match. V. Alatortsev. Shakh. v SSSR 33 no. 9:259-261 S '56.

BELGRADE—DESCRIPTION
Walk through Belgrade. Nikolai Drachinskii. Ogonek 34 no. 42:9 O '56.

BELGRADE—THEATER
Theater of the friendly people. IAkiv Han. Mystetstvo no. 4:36-40 Jl-Ag '56.

BELINSKII, VISSARION GRIFOR'EVICH, 1811-1848
Kavelin's conception and the view of Belinskii on history. D. L. Tal'nikov. Vop. ist. no. 9:130-140 S '55.
Two unpublished V. G. Belinskii manuscripts. R. B. Zaborova. Sbor. [Len.] publ. bibl. no. 2:99-104 '54.
V. G. Belinskii and his place in the history of Russian political thought. V. S. Pokrovskii. Nauk. zap. Kiev. un. 9 no. 4:5-24 '50.

BEL'KIND, LEV DAVIDOVICH, 1896-
Professor L. D. Bel'kind; on his sixtieth birthday. M. M. Gurevich and others. Svetotekhnika 2 no. 5:26 S '56.

BELOGLAZOV, G.
"Okhonia"; an opera by G. Beloglazov. S. Rubin. Sov. muz. 20 no. 10:112-115 O '56.

BELOVA, OL'GA ALEKSEEVNA
Life full of struggle. A. Gur'ianov, G. Gorbunov. Rabotnitsa 34 no. 10:9-10 O '56.

BELTS AND BELTING
The form of the generating line of pulleys in stepless V-belt transmissions. B. N. Ivanov. Nauch. trudy NPI 30:103-108 '55.
Regulating the theoretical length of the belt in V-belt stepless transmissions without using adjusting devices. B. N. Ivanov. Nauch. trudy NPI 30:95-102 '55.
Slips in flat and V-belt transmissions. B. A. Pronin. Vest. mash. 36 no. 10:9-13 O '56.

BELYNICHI DISTRICT—STOCK AND STOCKBREEDING
Mechanization of farms is an important condition for increasing the productivity of stockbreeding. D. Shevtsov. Komm. Bel. 29 no. 10:58-62 O '56.

BENTONITE
Presence of Newton's viscosity in bentonite suspensions. L. A. Abduragimova. Trudy Inst. khim. AN Azerb. SSR 15:77-83 '56.
Study of the structural and mechanical properties of aqueous suspensions of bentonite clays. L. A. Abduragimova. Trudy Inst. khim. AN Azerb. SSR 15:21-76 '56.

BENTONITE—SPECTRA
Effect of iron cation content in bentonite on the absorption spectra of adsorbed amines. A. I. Sidorova. Opt. i spektr. 1 no. 4:584-587 Ag '56.
Spectrum analysis of the interaction of benzidine with bentonite, aluminosilica and silica gels. E. I. Kotov. Opt. i spektr. 1 no. 4:500-506 Ag '56.

BENZALDEHYDE—SPECTRA
Infrared spectrum of the intermediate product of photooxidation of benzaldehyde. V. A. Nikitin. Opt. i spektr. 1 no. 4:589-592 Ag '56.

BENZENE
Electrochemical desulfurization of benzene. N. N. Nechiporenko. Zhur. prikl. khim. 29 no. 9:1377-1382 S '56.

BENZENE—SPECTRA
Absorption spectra of benzene homologues. Part 2. Light absorption by monoalkyl benzenes. V. L. Broude. Opt. i spektr. 1 no. 3:387-392 Jl '56.
Absorption spectra of some organic compounds adsorbed by potassium chloride. O. V. Fialkovskaia. Opt. i spektr. 1 no. 4:595-597 Ag '56.
General theory of the vibration spectra of normal monoalkyl benzenes. M. A. Kovner, A. M. Bogomolov. Opt. i spektr. 1 no. 3:364-373 Jl '56.

BENZENE HEXACHLORIDE
Chemical control of leopard moths. M. A. Anfinnikov. Zashch. rast. ot vred. i bol. 1 no. 4:55-56 S-O '56.

BENZENEDISULFONIC ACID
Study of sulfonation. Part 40. Quantitative determination of benzenedisulfonic acids. A. A. Spryskov, S. P. Starkov. Zhur. ob. khim. 26 no. 9:2607-2611 S '56.

BENZENESULFONIC ACID—SPECTRA
Absorption spectra and structure of benzene derivatives. Part 20. Spectrographic study of p-aminobenzenesulfonic acid and of its derivatives. N. A. Vatiashko, N. P. Romazanovich. Zhur. ob. khim. 26 no. 9:2509-2516 S '56.
Absorption spectra and structure of benzene derivatives. Part 21. p-dimethylaminobenzenesulfonic acid and its methyl ester. N. A. Vatiashko, F. F. Cheshko, N. P. Romazanovich. Zhur. ob. khim. 26 no. 9:2516-2524 S '56.

BENZIDINE—SPECTRA
Spectrum analysis of the interaction of benzidine with bentonite, aluminosilica and silica gels. E. I. Kotov. Opt. i spektr. 1 no. 4:500-506 Ag '56.

BENZIMIDAZOLE
Structure of the products of alkaline treatment of quaternary salts of benzimidazole derivatives. B. A. Porai-Koshits, Kh. L. Muravich. Zhur. ob. khim. 26 no. 9: 2487-2493 S '56.

BENZYLAMINE
Synthesis of substituted derivatives of benzylamines and of N-benzyl- β-chloropropionamides. N. K. Kochetkov, N. V. Dudykina. Zhur. ob. khim. 26 no. 9:2612-2617 S '56.

BEREGOVA UPLAND—ROCKS, SEDIMENTARY
Mineralogy of sedimentary rocks of the Beregova Upland in Transcarpathia. M. IU. Fishkin. Vop. min. osad. obr. 2: 189-193 '55.

BEREZOVITSY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
When interest and enthusiasm are lacking. L. Proksha. Komm. Bel. 29 no. 10:37-43 O '56.

BEREZNIKI—DESCRIPTION
Welcome. Klub 6 no. 11:10-11 N '56.

BEREZNIKI—YOUTH
Enthusiasts about cultural work. Klub 6 no. 11:14 N '56.

BERING SEA—DIATOMS
New species of the genus Denticula Ktz. G. I. Semina. Bot. mat. Otd. spor. rast. 11 82-84 Ja. '56.

BERING SEA—PHYTOPLANKTON
Seasonal changes of phytoplankton in the western part of the Bering Sea. G. I. Semina. Bot. mat. Otd. spor. rast. 11 84-98 Ja '56.

BERLIN—PUBLISHERS AND PUBLISHING
Ten years of the "Neues Leben" Publishing House. Smena 33 no. 21:14 N '56.

BERNAL, JOHN
At Moscow State University. Ogonek 34 no. 40:3 S '56.

BERRIES—DISEASES AND PESTS
Controlling fruit and berry pests in spring. IUn. nat. no. 2:33 My '56.

BERSHAD'—SUGAR INDUSTRY
One hundred and thirtieth anniversary of the Bershad' Sugar Refinery. IU. I. Maksimenko. Sakh. prom. 30 no. 8:51-52 Ag 56.

BERYLLIUM
Quantitative separation of beryllium from certain elements by means of ion exchange chromatography. T. A. Beliavskaia, V. I. Fadeeva. Vest. Mosk. un. 11 no. 6: 73-79 Je '56.

BESSEMER PROCESS
Investigation of improved experimental smelts of bessemer steel. E. S. Volokhvianskaia. Trudy TSNII MPS no. 116:71-83 '56.
Overheating of low Bessemer steel. V. A. Fuklev, L. K. Grakhov. Lit. proizv. no. 4:9-10 O '56.

BEST BOOKS—BIBLIOGRAPHY see Bibliography—Best books

BET-PAK-DALA—BOTANY
Kubanskaia, Z. V. [Vegetation and fodder resources of the Bet-Pak-Dala desert] Rastitel'nost' i kormovye resursy pustyni Bet-Pak-Daly. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 263 p.

BET-PAK-DALA—COTTON GROWING
Let's transform the Golodnaya Step' into a large cotton-growing base. Khlopkovodstvo 6 no. 9:4-6 S '56.
Where a desert has been ("Vanished island." I. Vasil'kov. Reviewed by V. Grigor'ev). Nauka i zhizn' 23 no. 10:50 O '56.

BET-PAK-DALA—VITICULTURE
Vineyards on saline soils of the Golodnaya Steppe. E. IA. Shtal'. Vin. SSSR 16 no. 5:37-40 '56.

BETA RAYS
Double $\beta^-$ $\beta^+$ decay. M. Iovnovich, A. Mukhtarov. Uch. zap. AGU no. 6:13-19 '55.
Properties of cadmium sulfide photoresistors subjected to gamma and beta radiation. S. V. Svechnikov. Zhur. tekh. fiz. 26 no. 8:1646-1650 Ag '56.

BEVERAGES
"Production of alcoholic fruit and berry beverages." S. A. Trusova, V. K. Fertman. Reviewed by F. P. Voitenko. Spirt. prom. 22 no. 3:41-42 '56.

BEYLE, MARIE HENRI, 1783-1842
Portrayal of the positive hero in Stendhal's works. K. S. Anisimova. Uch. zap. Ped. inst. Gorts. 12: 95-111 '55.

BIBLE
"The Bible, or the books of Holy Scripture of the Old and New Testaments in Russian translation, with reference to parallel passages and an index of passages to be read in the churches." Reviewed by A. Osipov. Zhur. Mosk. Patr. no. 7:76-78 Jl '56.

BIBLE. MANUSCRIPTS, RUSSIAN
The Ostromir Gospel, 1056-1057. I. Belevtsev. Zhur. Mosk. Patr. no. 7:64-68 Jl '56.

BIBLIOGRAPHICAL EXHIBITIONS see subdivision under Chelyabinsk Province; Leningrad

BIBLIOGRAPHY
Bibliographical index of new literature on the Soviet Union and communism. A. N. Vest. Inst. po izuch. SSSR no. 3:139-144 Jl-S '56.
[Book chronicle.] Knizhnaia letopis' no. 46 '56.
[Book chronicle.] Knizhnaia letopis' no. 49 '56.
Leningrad. Universitet. [Catalog of available publication (1946-1955)] Katalog imeiushchikhsia v nalichii (1946-1955 gg.). [Leningrad] 1955. 69 p.
Literature for the celebration of the Great October in the kindergarten. Doshk. vykh. 17 no. 18:40 O '56.
New books. Dnipro 30 no. 10:128 O '56.
New books. Nauka i zhizn' 23 no. 11:62 N '56.
[New books.] Novye knigi no. 43 D '56.
New books. Prom. koop. no. 10:37 O '56.
New books. Rad. shk. 35 no. 10:53-55 O '56.
New books. Sib. ogni 35 no. 4:192 Jl-Ag '56.
New books. Visnyk AN URSR 27 no. 9:79-80 S '56.
New books; brief summaries of publications of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 26 no. 9:138-142 S '56.
New books; brief summaries of publications of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 26 no. 10:130-134 O '56.
New books for the library of the party key workers. Komm. Kazakh. 26 no. 11:3 of cover N '56.
New publications by institutions of higher learning. Vest. vys. shkoly 14 no. 10:56-57 O '56.
Sokurova, M. V. [General bibliographies of books in Russian printing type, 1708-1955] Obshchie bibliografii russkikh knig grazhdanskoi pechati 1708-1955; annotirovannyi ukazatel'. Izd. 2-oe, perer. i dop. Pod red. i so vsup. stat'ei P. N. Berkova. Leningrad, Gos. publ. biblioteka im. M. E. Saltykova-Shchedrina, 1956. 263 p. (Bibliografiia russkoi bibliografii)
Topics and literature for agitators' talks in December 1956. Blok. agit. no. 33:42-3 of cover N '56.
Topics and literature for agitators' talks in November 1956. Blok. agit. no. 30:45-4 of cover O '56.
Topics and literature for agitators' talks in November 1956. Blok. agit. vod. transp. no. 19:47-3 of cover O '56.

BIBLIOGRAPHY—ACCOUNTING
Dissertations on accounting problems and economic analysis. Bukhg. uchet 15 no. 9:61-65 S '56.
New books on accounting, economic analysis and machine accounting. Bukhg. uchet 15 no. 9:59 S '56

BIBLIOGRAPHY—AGRICULTURAL PESTS
Bookshelf. Zashch. rast. ot vred. i bol. 1 no. 4:63-64 S-O '56.

BIBLIOGRAPHY—AGRICULTURE
Annotated list of books on biology and agriculture published in Russian translations by the State Publishing House for Foreign Literature. Nov. knigi za rub. 9 no. 9:129-131 S '56.
Books received by the editor for comment. Agrobiolog no. 5:158-159 S-O '56.

BIBLIOGRAPHY—AGRICULTURE (Continued)

List of books on biology, medicine, and agriculture received by the State Publishing House for Foreign Literature, July 1-31, 1956. Nov. knigi za rub. 9 no. 9:110-128 S '56.

Mikheev, N.M. [Bibliographical indexes of agricultural literature (1783-1954)] Bibliograficheskie ukazateli sel'skokhoziaistvennoi literatury (1783-1954 gody). Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 191 p.

Shabanova, V.E. [Science and technology in our country's fields; a discussion of books] Nauka i tekhnika na poliakh nashei strany; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 19 p. (Za novyye uspekhi shestoi piatiletke)

Sushko, A.G. [Let us produce an abundance of agricultural products; a discussion of books] Sozdadim obilie sel'skokhoziaistvennykh produktov; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 19 p. (Za novyye uspekhi v shestoi piatiletke)

BIBLIOGRAPHY—ALLOYS

Academic dissertations. Metalloved. i obr. met. no. 9: 60-61 S '56.

BIBLIOGRAPHY—AMATEUR THEATRICALS

Zolenina, M.E., A.L. Druzhinina, and E.E. Lovina. [Amateur theatricals; a recommended reading list] Teatral'naia samodeiatel'nost'; ukazatel' literatury. Pod obshchei red. F.N. Kaverina. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1955. 126 p. (V pomoshch' khudozhestvennoi samodeiatel'nosti)

BIBLIOGRAPHY—ANTARCTIC REGIONS

Bibliography on the Antarctic. A. Gedeonov. Geog. v shkole 19 no. 5:76-78 S-O '56.

BIBLIOGRAPHY—ASIA

Stepanova, L.I. [What to read on India, Burma and Afganistan; a discussion of books] Chto chitat' ob Indii, Birme i Afganistane; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I.Lenina, 1956. 17 p. (Za novyye uspekhi v shestoi piatiletke)

BIBLIOGRAPHY—ASTRONOMY

New books and papers on physics and astronomy. G.IA. Artiukhova. Fiz. v shkole 16 no. 5:86-90 S-O '56.

BIBLIOGRAPHY—BEST BOOKS

[New books; bulletin issued as an aid to acquisition for district, city, and village libraries.] Novye knigi; biulleten' v pomoshch' komplektovaniiu raionnykh, gorodskikh i sel'skikh bibliotek. Nov. 1955. no. 9 '56. 31 p.

[New books; bulletin issued as an aid to acquisition for district, city, and village libraries.] Novye knigi; biulleten' v pomoshch' komplektovaniiu raionnykh, gorodskikh i sel'skikh bibliotek. Dec. 1955. no. 10 '56. 36 p.

BIBLIOGRAPHY—BIOLOGY

Annotated list of books on biology and agriculture published in Russian translations by the State Publishing House for Foreign Literature. Nov. knigi za rub. 9 no. 9:120-131 S '56.

Defense of dissertations in the Department of Biological Sciences. Vest. AN SSSR 26 no. 10:110-126 O '56.

List of books on biology, medicine, and agriculture received by the State Publishing House for Foreign Literature, July 1-31, 1956. Nov. knigi za rub. 9 no. 9: 110-126 S '56.

BIBLIOGRAPHY—BOTANY

New Soviet books on botany. Part 2. Bot. zhur. 41 no. 9:1387-1388 S '56.

Seventy-fifth birthday of Konstantin Ignat'evich Meier. S.IU. Lipshits, P.A. Baranov. Bot. zhur. 41 no. 9: 1399-1400 S '56.

BIBLIOGRAPHY—BUILDING

Bibliography. Biul. stroi. tekh. 13 no. 9:3 of cover S '56.

Bibliography. Nov. v stroi. tekh. no. 8:124-125 '56.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. [Scientific work of the Central Scientific Research Institute of Industrial Construction for 1956; annotated list of published and unpublished works of 1955] Nauchnye raboty TsNIPS za 1955 god; annotirovannyi obzor opublikovannykh i neopublikovannykh rabot za 1955 god. Sost. L.S. Shapiro. Pod red. A.E. Dosova. Moskva, 1956. 146 p.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. [Scientific works of the Central Scientific Research Institute of Industrial Construction published during 25 years (1927-1952); an annotated bibliography] Uchenye trudy TsNIPS za 25 let (1927-1952); sbornik annotatsii. Sost. G.S. Tikhomirov. Pod obshchei red. A.E. Dosova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1952. 280 p.

New books. Arkhit. SSSR no. 10:3 of cover. '56.

New books. Arkhit. SSSR no. 11:00 '56.

New books. Stroi. mat., izdel. i konstr. 2 no. 9:40 S '56.

New books. Transp. stroi. 6 no. 9:3 of cover S '56.

BIBLIOGRAPHY—BUILDING MACHINERY

Annotations to foreign periodical articles. Stroi. i dor. mashinostr. no. 9:38-39 S '56.

BIBLIOGRAPHY—CARTOGRAPHY

Bibliography. Geod. i kart. no. 6:77-79 Ag '56.

Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. [A bibliography of the works of the Central Research Institute of Geodesy, Aerial Surveying and Cartography from 1929-1955] Bibliograficheskii ukazatel' trudov TSentral'nogo nauchno-issledovatel'skogo instituta geodezii, aeros"emki i kartografii za 1929-1955 gg. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 58 p.

BIBLIOGRAPHY—CHEMISTRY

Reviews and bibliography. Sov. knizh. torg. no. 8:27-28 Ag '56.

Reviews published in foreign periodicals. Usp. khim. 25 no. 9:1194-1196 S '56.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

Foreign books on research methods which have been received by the library. Zav. lab. 22 no. 8:1010-1011 Ag '56.

New books. Zav. lab. 22 no. 8:1009-1010 Ag '56.

BIBLIOGRAPHY—CHILDREN—CARE AND HYGIENE

Doctors' advice to parents. E. Liubimova. Sem'ia i shkola 11 no. 11:33 N '56.

BIBLIOGRAPHY—CHINA

New books. Nar. Kit. no. 10:41 S '56.

BIBLIOGRAPHY—COMMUNICABLE DISEASES

Russian literature on problems of microbiology, immunology, infectious diseases, and epidemiology published during the second quarter of 1956. Zhur. mikrobiol. epid. i immun. 27 no. 10:114-124 O '56.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Semenova, V.A. [The Communist Party is leading our country along Lenin's path to the triumph of communism; a discussion of books] Kommunisticheskaia partiia vedet nashu stranu po leninskomu puti k torzhestvu kommunizma; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 26 p. (Za novyye uspekhi v shestoi piatiletke)

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—HISTORY

Topic list of dissertations defended in the second semester of 1955 for the academic degree of Candidate of Historical Sciences in the field "History of the Communist Party of the Soviet Union." Vest. vys. shkoly 14 no. 10:60-63 O '56.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

"The Communist Party of the Soviet Union as an organizing and guiding force in promoting culture in the U.S.S.R.; reading list with summaries." V.V. Misharina. Reviewed by R.M. Iglezi, Z.L. Fradkina. Sov. bibl. no. 43:106-112 '56.

BIBLIOGRAPHY—CONCRETE

Literature on plain and reinforced concrete. Bet. i zhel.-bet. no. 10:376a-b O '56.

BIBLIOGRAPHY—CONSTITUTIONAL LAW

Legal literature of other foreign countries; constitutional law (1954-1955). Sov. gos. i pravo no. 8:156-160 '56.

BIBLIOGRAPHY—CORN (MAIZE)

New books. Kukuruza 4 no. 5:62-63 Ag '56.

BIBLIOGRAPHY—COTTON GROWING

Books on cotton growing. Khlopkovodstvo 6 no. 9:64 S '56.

Tashkent. Vsesoiuznyi nauchno-issledovatel'skii institut khlopkovodstva. TSentral'nala spravochnaia biblioteka. [Cotton growing on irrigated lands; bibliography for 1954] Khlopkovodstvo na polivnykh zemliakh; ukazatel' literatury za 1954 god. Tashkent.
Pt. 1. 1955. 52 p.
Pt. 2. 1955. 39 p.

Tashkent. Vsesoiuznyi nauchno-issledovatel'skii institut khlopkovodstva. TSentral'nala spravochnaia biblioteka. [Cotton growing on irrigated lands; bibliography for 1955] Khlopkovodstvo na polivnykh zemliakh; ukazatel' literatury za 1955 god. Tashkent.
Pt. 1. 1955. 61 p.
Pt. 2. 1956. 48 p.

BIBLIOGRAPHY—CZECHOSLOVAKIA—LAW

Legal literature in the people's democracies; The Czechoslovak Republic (1955). Sovgos. i pravo no. 7: 150-152 '56.

BIBLIOGRAPHY—DIALECTICAL MATERIALISM

Literature on model themes for exercises in groups and seminars studying the principles of Marxist-Leninist philosophy. Mosk. prop. 13 no. 10:45-49 O '56.

BIBLIOGRAPHY—EDUCATION

[Literature on the pedagogical sciences.] Literatura po pedagogicheskim naukam Jan.-Dec. 1954 nos. 1-4 '54-'55.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

Dissertations. Elektrichestvo no. 9:91 S '56.

New books on electricity, electric engineering and electric power. Elektrichestvo no. 10:96 O '56.

New books on electricity, electrical engineering and electric power. Elektrichestvo no. 9:96 S '56.

BIBLIOGRAPHY—ETHNOLOGY

Index of articles published in numbers 1-25 of "Kratkie soobshcheniia" of the Institute of Ethnography of the Academy of Sciences of the U.S.S.R.: Alphabetical index (of authors). Krat. soob. Inst. etn. no. 25:92-101 '56.

Systematic key to the alphabetical index. Krat. soob. Inst. etn. no. 25:101-102 '56.

BIBLIOGRAPHY—FERTILIZERS AND MANURES

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 7:132-135 Jl '56.

BIBLIOGRAPHY—FISHERIES

"Bibliographic manual on fishery in the southern waters of the U.S.S.R. for the period 1918-1953." N.S. Romanov. Reviewed by S.K. Troitskii. Ryb. khoz. 32 no. 9:96 S '56.

BIBLIOGRAPHY—FISHES

New literature. V.A. Nevskii. Ryb. khoz. 32 no. 9: 95-96 S '56.

BIBLIOGRAPHY—FLAX

New books. Len i konop. no. 8:48 O '56.

BIBLIOGRAPHY—FOK, VLADIMIR ALEKSANDROVICH, 1898-

Vreden-Kobetskaia, T.O., comp. Vladimir Aleksandrovich Fok; [bibliography] bibliografiia. Vstup. stat'ia V.I. Smirnova. Moskva, Izd-vo Akademii nauk SSSR, 1956. 93 p. (Materialy k biobibliografii uchenykh SSSR. Serila fiziki, no. 7)

BIBLIOGRAPHY—FOOD INDUSTRY

Dissertations on problems of commodities and public eating establishments. Sov. torg. no. 9:42-43 S '56.

BIBLIOGRAPHY—FOREST SOILS

Forest soil science and the improvement of forests. Pochvovedenie no. 7:135-136 Jl '56.

BIBLIOGRAPHY—FOUNDING

New books on foundry practice. Lit. proizv. no. 4: 3 of cover O '56.

New books on foundry practice. Lit. proizv. no. 9:3 of cover S '56.

BIBLIOGRAPHY—FRUIT CULTURE

Chzhao, A.E. [Let us beautify our country with orchards; a bibliography] Ukrasim rodinu sadami; rekomendatel'nyi ukazatel literatury. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1956. 27 p.

BIBLIOGRAPHY—GEODESY

Bibliography. Geod. i kart. no. 6:77-79 Ag '56.

Bibliography. Geod. i kart. no. 7:78-80 S '56.

Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. [A bibliography of the works of the Central Research Institute of Geodesy, Aerial Surveying and Cartography from 1929-1955] Bibliograficheskii ukazatel' trudov TSentral'nogo nauchno-issledovatel'skogo instituta geodezii, aeros"emki i kartografii za 1929-1955 gg. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 58 p.

BIBLIOGRAPHY—GEOGRAPHY

Book shelf. Geog. v shkole 19 no. 5:78-79 S-O '56.

Defense of dissertations in the Department of Geological and Geographical Sciences. Vest. AN SSSR 26 no. 9: 123-124 S '56.

Literature on geology and related discipline entered in the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during June, 1956. Izv. AN SSSR. Ser. geol. 21 no. 9:117-125 S '56.

BIBLIOGRAPHY—GEOLOGY

"Geological literature of the U.S.S.R." E.P. Shevchenko. Sov. bibl. no. 43:103-108 '56.

Literature on geology and related disciplines acquired by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during May, 1956. Izv. AN SSSR. Ser. geol. 21 no. 8:120-126 Ag '56.

Literature on geology and related disciplines entered in the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during June, 1956. Izv. AN SSSR. Ser. geol. 21 no. 9:117-125 S '56.

BIBLIOGRAPHY—GYNECOLOGY

Russian literature in obstetrics and gynecology for the first quarter of 1955. Akush. i gin. 32 no. 4:92-95 Jl-Ag '56.



418004 O-57-8

BIBLIOGRAPHY—HAUPTMANN, GERHART, 1862-1946

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Gerhart Hauptmann; a bio-bibliography on the 10th anniversary of his death] Gerkhart Gauptman; bio-bibliograficheskii ukazatel' k 10-letiiu so dnia smerti. Moskva, Izd-vo Vses. knizhnoi palaty, 1956. 29 p. (Pisateli zarubezhnykh stran)

BIBLIOGRAPHY—HEMP

New books. Len i konop. no. 8:48 O '56.

BIBLIOGRAPHY—HISTORY

Bookshelf. Prep. ist. v shkole 11 no. 5:124-126 S-O '56.

Works published in 1955 by higher education and scientific institutions [to be continued]. Vop. ist. no. 9:182-185 S '56.

BIBLIOGRAPHY—HOME ECONOMICS

Books on home economics. Rabotnitsa 34 no. 11:31 N '56.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING

From the pages of foreign journals. Gidr. stroi. 25 no. 9: 61-63 O '56.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology and hydrology for 1955 (continued). Meteor. i gidrol. no. 8:57-60 Ag '56.

Literature on meteorology and hydrology for 1955 (continued). Meteor. i gidrol. no. 9:61-63 S '56.

BIBLIOGRAPHY—INLAND WATER TRANSPORTATION

Bookshelf. Rech. transp. 15 no. 8:3 of cover Ag '56.

BIBLIOGRAPHY—IRRIGATION

Soil improvement. Pochvovedenie no. 7:135 Jl '56.

BIBLIOGRAPHY—KIRGHIZISTAN—ARCHAEOLOGY

Bibliography of Soviet literature on the archaeology of Kirghizistan, 1918-1954. Z. L. Amitin-Shapiro. Trudy Inst. ist. AN Kir. SSR no. 2:109-152 '56.

BIBLIOGRAPHY—KULICHIKHIN, NIKOLAI IVANOVICH, 1895-

Bibliography of N. I. Kulichikhin's main works. Trudy MGRI 30:8 '56.

BIBLIOGRAPHY—KUPRIN, ALEKSANDR IVANOVICH, 1870-1938

New bibliographic work on A. I. Kuprin ("A. I. Kuprin; publication of his works and literature about him." K. E. Pavlovskaia. Reviewed by E. M. Rotshtein). Sov. bibl. no. 43:115-117 '56.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

Talantova, M. N. [What youth should read about the Communist attitude toward labor; a discussion of books] Chto chitat' molodezhi o kommunisticheskom otnoshenii k trudu; beseda o knigakh. Moskva, Gos. biblioteka im. V. I. Lenina, 1956. 16 p. (Za novye uspekhi v shestoi piatiletke)

BIBLIOGRAPHY—LABOR PRODUCTIVITY

IAkovleva, M. N. [What to read about the increase of labor productivity; a discussion of books] Chto chitat' o povyshenii proizvoditel'nosti truda; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 15 p. (Za novye uspekhi v shestoi piatiletke)

BIBLIOGRAPHY—LAW

Legal literature of other foreign countries. Constitutional law (1954-1955). Sov. gos. i pravo no. 7:163-167

Granskii, V. I. [What the tool maker should read to improve his qualifications; a bibliography] Chto chitat' slesariu-instrumental'shchiku dlia povysheniia kvalifikatsii; rekomendatel'nyi ukazatel' literatury. Pod red. N. I. Dumchenko. Leningrad, Gos. publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1956. 54 p.

Periodicals. Stan. i instr. 27 no. 9:44-45 S '56.

BIBLIOGRAPHY—MACHINERY

Bibliography. Stroi. i dor. mashinostr. 1 no. 10:30-40 O '56.

Molchanova, N. S. [Machines in the service of man; a discussion of books] Mashiny na sluzhbu cheloveku; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 17 p. (Za novye uspekhi v shestoi piatiletke)

New books. Avt. i trakt. prom. no. 9:48 S '56.

New books. Vest. mash. 36 no. 10:90-91 O '56.

Review of foreign periodicals. Z. S. Elagina. Vest. mash. 36 no. 10:92-93 O '56.

BIBLIOGRAPHY—MAGNETIC AMPLIFIERS

List of books and articles on magnetic amplifiers for 1955. Avtom. i telem. 17 no. 9:858 S '56.

BIBLIOGRAPHY—MANN, THOMAS, 1875-1955

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Thomas Mann; a bio-bibliography] Tomas Mann; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1956. 86 p. (Pisateli zarubezhnykh stran)

BIBLIOGRAPHY—MANUAL TRAINING

Work training in the public elementary schools of Russia before 1917. V. A. Khrustaleva. Sov. pedag. 20 no. 11:106-111 N '56.

BIBLIOGRAPHY—MANUFACTURE AND WORKS

Bibliography. Gaz. prom. no. 11:39-40 N '56.

BIBLIOGRAPHY—MANUFACTURES

Dissertations on problems of commodities and public eating establishments. Sov. torg. no. 9:42-43 S '56.

BIBLIOGRAPHY—MATHEMATICS

Adol'f Pavlovich IUshkevich; on the occasion of the 50th anniversary of his birth. A. I. Markushevich, S. A. IAnovskaia. Usp. mat. nauk 11 no. 4:197-200 Jl-Ag '56.

Isidor Pavlovich Natanson; on the occasion of the 50th anniversary of his birth. L. V. Kantorovich, D. K. Faddeev. Usp. mat. nauk 11 no. 4:103-106 Jl-Ag '56.

Mathematical studies in Rumania. S. Stoilov. Usp. mat. nauk 11 no. 4:207-225 Jl-Ag '56.

Pavel Sergeevich Aleksandrov; on the occasion of the 60th anniversary of his birth and the 40th anniversary of his scientific activities. L. S. Pontriagin, E. F. Mishchenko. Usp. mat. nauk 11 no. 4:183-192 Jl-Ag '56.

BIBLIOGRAPHY—MEAT INDUSTRY

New books. Mias. ind. SSSR 27 no. 5:59 '56.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Authors' abstracts. Vest. mash. 36 no. 10:90 O '56.

Granskii, V. I. [What a mechanic-fitter should read to improve his qualifications; a bibliography] Chto chitat' slesariu-sborshchiku dlia povysheniia kvalifikatsii; rekomendatel'nyi ukazatel' literatury. Pod red. V. IU. Ozolina. Leningrad, Gos. publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1956. 36 p.

Literature on meteorology and hydrology for 1955 (continued). Meteor. i gidrol. no. 9:61-63 S '56.

BIBLIOGRAPHY—MICHURIN, IVAN VLADIMIROVICH, 1855-1935

Moscow. Publichnaia biblioteka. Ivan Vladimirovich Michurin. Moskva, 1955. 10 p.

BIBLIOGRAPHY—MICROBIOLOGY

Russian literature on problems of microbiology, immunology, infectious diseases, and epidemiology published during the second quarter of 1956. Zhur. mikrobiol. epid. i immun. 27 no. 10:114-124 O '56.

BIBLIOGRAPHY—MINERALS IN SOIL

Soil mineralogy. Pochvovedenie no. 7:130 Jl '56.

BIBLIOGRAPHY—MINING ENGINEERING

New books on mining. Ugol' 31 no. 10:40 O '56.

BIBLIOGRAPHY—MOTION-PICTURE PLAYS

New motion pictures. Isk. kino no. 9:124-120 S '56.

BIBLIOGRAPHY—MUNICIPAL SERVICES

New books. Zhil.-kom. khoz. 6 no. 5:32 '56.

BIBLIOGRAPHY—MUSIC

Brief notes on scores. Sov. muz. 20 no. 10:152-155 O '56.

[Musical literature.] Muzykal'naia literatura no. 23 '56.

[Musical literature; order blank.] Muzykal'naia literatura no. 24 '56.

BIBLIOGRAPHY—NAVAL ARCHITECTURE

Bibliography of Professor M. I. IAnovskii's works. Trudy VNITOSS 6 no. 1:168-170 '53.

BIBLIOGRAPHY—NERVOUS SYSTEM

Defective bibliography ("Russian literature on problems of the morphology of the nervous system." O. S. Shur'ian, N. V. Piskorskaia, T. N. Stolbarova. Reviewed by V. P. Mikhailov). Vianyk AN URSR 27 no. 9:81-84 S '56.

BIBLIOGRAPHY—OBSTETRICS

Russian literature in obstetrics and gynecology for the first quarter of 1955. Akush. i gin. 32 no. 4:92-95 Jl-Ag '56.

BIBLIOGRAPHY—OIL WELL DRILLING

New books on petroleum. Neft. khoz. 34 no. 10:72 O '56.

BIBLIOGRAPHY—ORE DEPOSITS

Short bibliography on the history of geological sciences in the U. S. S. R.; no. 5, geology of ore deposits. S. P. Volkova, T. A. Sofiano, V. V. Tikhomirov. Och. po ist. geol. znan. no. 5:277-310 '56.

BIBLIOGRAPHY—ORTHODOX EASTERN CHURCH

[Catalog of books, crosses and icons] Katalog knig, natel'nykh krestikov i ikon. Jordanville, N. Y., Holy Trinity Monastery, 1956. 18 p.

BIBLIOGRAPHY—OSSETIA

Bibliography of monographs and articles published in 1950, 1951, 1952, and the first half of 1953 on the subject of North Ossetian history, economy, agriculture, nature, linguistics, literature, culture, and art. Izv. Sev.-Oset. nauch.-issl. inst. 10:158-200 '54.

BIBLIOGRAPHY—PARASITES—FISHES

Oleksandr Prokopovych Markevych; on his 50th birthday. R. S. Chebotar'ov, V. P. Koval'. Trudy Inst. zool. AN URSR 13:101-109 '56.

BIBLIOGRAPHY—PERIODICALS

[Periodicals published by the Academy of Sciences of the Kazakh S. S. R.; a prospectus for 1957] Zhurnaly Akademii nauk Kazakhskoi SSR] prospekt na 1957 god. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 12 p.

BIBLIOGRAPHY—PHOTOGRAPHY, AERIAL

Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. [A bibliography of the works of the Central Research Institute of Geodesy, Aerial Surveying and Cartography from 1929-1955] Bibliograficheskii ukazatel' trudov TSentral'nogo nauchno-issledovatel'skogo instituta geodezii, aeros"emki i kartografii za 1929-1955 gg. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 68 p.

BIBLIOGRAPHY—PHYSICS

New books and papers on physics and astronomy. O. IA. Artiukhova. Fiz. v shkole 16 no. 5:88-90 S-O '56.

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

New books on work with Pioneers. N. Berkhin. Nach. shkola 24 no. 11:89-91 N '56.

BIBLIOGRAPHY—PLANT DISEASES

Bookshelf. Zashch. rast. ot vred. i bol. 1 no. 4:63-64 S-O '56.

BIBLIOGRAPHY—POTATOES

New books. Kartofel' no. 4:63 S-O '56.

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Let us increase the production of potatoes and vegetables; an annotated bibliography] Uvelichim proizvodstvo kartofelia i ovoshchei; annotirovannyi ukazatel' literatury. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 36 p.

BIBLIOGRAPHY—POWER ENGINEERING

Books in foreign languages. Teploenergetika 3 no. 10:64 O '56.

Literature on industrial power engineering. Prom. energ. 11 no. 8:3 of cover Ag '56.

Molchanova, N. S. [Power engineering and its role in the national economy; a discussion of books] Energetika i ee rol' v narodnom khoziaistve; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 19 p. (Za novye uspekhi v shestoi piatiletke)

New books. A. M. Mostovala. Teploenergetika 3 no. 10: 63-64 O '56.

BIBLIOGRAPHY—PRECAST CONCRETE CONSTRUCTION

Bibliography. Nov. tekh. i pered. op. v stroi. 13 no. 10:32 O '56.

Bibliography. Nov. v stroi. tekh. no. 7:221-223 '56.

BIBLIOGRAPHY—PRESS

Literature for newspapermen. Sov. poch. no. 10:37 O '56.

BIBLIOGRAPHY—PUBLIC HEALTH

New books. Gig. i san. 21 no. 6:94 Ag '56.

BIBLIOGRAPHY—RADIO

New books. Radio no. 9:63 S '56.

New books. Radio no. 10:63 O '56.

BIBLIOGRAPHY—RADIOACTIVE TRACERS

Buchenkov, A. N. [Tagged atoms and their use in the national economy; a bibliography] Mechenye atomy i ikh primenenie v narodnom khoziaistve; rekomendatel'nyi obzor literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 12 p. (Novosti tekhniki, no. 4)

BIBLIOGRAPHY—RECLAMATION OF LAND

Dudareva, Z. G. [Youth on virgin lands; a discussion of books] Molodezh' na tselinnykh zemliakh; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 23 p. (Za novye uspekhi v shestoi piatiletke)

Soil improvement. Pochvovedenie no. 7:135 Jl '56.

BIBLIOGRAPHY—REFRACTORY MATERIALS

Bibliography. Ogneupory 21 no. 6:287-3 of cover '56.

BIBLIOGRAPHY—ROAD CONSTRUCTION

New books. V. Novskii. Avt. dor. 19 no. 9:33 S '56.

BIBLIOGRAPHY—RUSSIA—ARMED FORCES

Kireeva, M. E. [The Communist Party of the Soviet Union is the organizer and leader of the Soviet armed forces; a bibliography] Kommunisticheskaia partiia Sovetskogo Soiuza - organizator i rukovoditel' sovetskikh vooruzhennykh sil; rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina. Voennyi otdel, 1956. 46 p.

Moscow. Publichnaia biblioteka. Voennyi otdel. [V. I. Lenin on the formation and strengthening of the Soviet armed forces; a bibliography] V. I. Lenin o stroitel'stve i ukreplenii sovetskikh vooruzhennykh sil; rekomendatel'nyi ukazatel' literatury. Moskva, 1956. 40 p.

BIBLIOGRAPHY—RUSSIA—ECONOMIC CONDITIONS

Bogatova, G. P. [How our country is flourishing and transforming itself; a discussion of books] Kak rastsvetaet i preobrazhaetsia nasha Rodina; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 17 p. (Za novye uspekhi v shestoi piatiletke)

IAkovleva, M. N. [What to read about our national economy; a discussion of books] Chto chitat' o nashem narodnom khoziaistve; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 14 p. (Za novye uspekhi v shestoi piatiletke)

BIBLIOGRAPHY—RUSSIA—ECONOMIC POLICY

Gubareva, M. N. [The chief task of the sixth five-year plan (a major development of heavy industry); a discussion of books] Glavnaia zadacha shestogo piatiletnogo plana (O proimushchestvennom razvitii tiazheloi promyshlennosti); beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 19 p. (Za novye uspekhi v shestoi piatiletke)

BIBLIOGRAPHY—RUSSIA—FOREIGN RELATIONS

Sol'chuk, V. V. [What to read on the Soviet Union's peaceful policy; a discussion of books] Chto chitat' o mirolium-bivoi vneshnei politike SSSR; beseda o knigakh. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 20 p. (Za novye uspekhi v shestoi piatiletke)

BIBLIOGRAPHY—RUSSIA—HISTORY

"History of the U. S. S. R.; reading list with summaries for secondary school teachers." Reviewed by N. M. Cheremisina. Prep. ist. v shkole 11 no. 5:122-123 S-O '56.

BIBLIOGRAPHY—RUSSIA—REVOLUTION OF 1905

Student reading on the first Russian revolution, 1905-1907. V. N. Makarova. Prep. ist. v shkole 11 no. 5:127-128 S-O '56.

BIBLIOGRAPHY—RUSSIAN LITERATURE—HISTORY AND CRITICISM

"Soviet Russian literature during the Patriotic War; manual for university seminars." P. V. Kuprianovskii, P. E. Shames. Reviewed by R. IU. Khanukaeva. Sov. bibl. no. 43:112-115 '56.

BIBLIOGRAPHY—RUSSIAN PERIODICALS

Bibliography of periodical publications. A. B. Velizheva. Sov. bibl. no. 43:10-17 '56.

BIBLIOGRAPHY—SCIENCE

Annotated list of books published in Russian translations by the State Publishing House for Foreign Literature. Nov. knigi za rub. 9 no. 10:154-156 O '56.

Author index. Dokl. AN SSSR 109 no. 6:X-XII Ag '56.

Brief news about new books. Priroda 45 no. 10:122-125 O '56.

List of books on exact sciences received by the State Publishing House for Foreign Literature, May 1-31, 1956. Nov. knigi za rub. 9 no. 7:122-125 Jl '56.

List of books on exact sciences received by the State Publishing House for Foreign Literature, June 1-August 31, 1956. Nov. knigi za rub. 9 no. 10:136-153 O '56.

New books. Nauka i zhizn' 23 no. 10:62 O '56.

Subject index. Dokl. AN SSSR 109 no. 6:I-X Ag '56.

BIBLIOGRAPHY—SEMICONDUCTORS

Bibliographic manual on semiconductors ("Scientific literature on semiconductors; bibliography, 1920-1952." Reviewed by V. V. Pasynkov). Sov. bibl. no. 43:99-103 '56.

BIBLIOGRAPHY—SIBERIA

To the new construction project in the East and North. G. Bogatova, M. IAkovleva. Bibliotekar' no. 10:11-17 O '56.

BIBLIOGRAPHY—SOCIAL SCIENCES

Defense of dissertations in the Department of Economics, Philosophy and Law. Vest. AN SSSR 26 no. 10:127-129 O '56.

BIBLIOGRAPHY—SOIL BIOLOGY

Biology and microbiology of soils. Pochvovedenie no. 7:132 Jl '56.

BIBLIOGRAPHY—SOIL CHEMISTRY

Soil chemistry and methods of research. Pochvovedenie no. 7:131-132 Jl '56.

BIBLIOGRAPHY—SOIL FERTILITY

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 7:132-135 Jl '56.

BIBLIOGRAPHY—SOIL MICRO-ORGANISMS

Biology and microbiology of soils. Pochvovedenie no. 7:132 Jl '56.

BIBLIOGRAPHY—SOIL PHYSICS

Physical properties of soil and methods of research. Pochvovedenie no. 7:130-131 Jl '56.

BIBLIOGRAPHY—SOILS

Factors in soil formation, genesis and geography of soils. Pochvovedenie no. 7:129-130 Jl '56.

BIBLIOGRAPHY—SPORTS

New books. Fizk. i sport 26 no. 10:40 '56.

BIBLIOGRAPHY—STANDARDS, ENGINEERING

Articles on standardization. Standartizatsiia no. 4:79-80 Jl-Ag '56.

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

Leningrad. Publichnaia biblioteka. [Advanced methods of caring for livestock; a bibliography] Peredovye metody soderzhaniia skota; rekomendatel'nyi spisok literatury. Leningrad, 1956. 21 p.

BIBLIOGRAPHY—SUGAR BEETS

New technical and agricultural literature. Sakh. prom. 30 no. 8:78-79 Ag '56.

BIBLIOGRAPHY—SUGAR INDUSTRY

New technical and agricultural literature. Sakh. prom. 30 no. 8:78-79 Ag '56.

BIBLIOGRAPHY—TECHNOLOGY

Defense of dissertations in the Department of Technological Sciences. Vest. AN SSSR 26 no. 9:124-130 S '56.

List of books on technology received by the State Publishing House for Foreign Literature, May 1-June 15, 1956. Nov. knigi za rub. 9 no. 8:133-140 Ag '56.

Progressive experiences are our riches; in lieu of a review. Vl. Skorobogatov. Sov. Ukr. 6 no. 10:169-166 O '56.

What to read about the latest in technology. Prof.-tekh. obr. 13 no. 10:31 O '56.

BIBLIOGRAPHY—TECHNOLOGY—PERIODICALS

"Russian technical periodicals, 1800-1916; bibliographic guide." IU. A. Mezhenko. Reviewed by K. I. Shafranovskii, E. P. Faidel'. Sov. bibl. no. 43:106-108 '56.

BIBLIOGRAPHY—TELECOMMUNICATION

From foreign journals; brief notices. Elektrosviaz' 10 no. 9:100-101 S '56.

New publications on telecommunication. Vest. sviazi 16 no. 9:34-35 S '56.

BIBLIOGRAPHY—THERMODYNAMICS

New books. K. P. Voronin. Teploenergetika 3 no. 9:63 S '56.

BIBLIOGRAPHY—TILLAGE

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 7:132-135 Jl '56.

BIBLIOGRAPHY—TRANSISTORS

List of articles on semiconductor triodes, (from 1948 to 1956). V. V. Pavlov. Avtom. i telem. 17 no. 10:946-952 O '56.

BIBLIOGRAPHY—UKRAINE—BOTANY

Bibliography on the flora and vegetation of the Ukrainian S. S. R. for 1954. A. I. Barbarych. Ukr. bot. zhur. 13 no. 3:107-113 '56.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

New books. Dnipro 30 no. 11:128 N '56.

BIBLIOGRAPHY—VEGETABLE GARDENING

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Let us increase the production of potatoes and vegetables; an annotated bibliography] Uvelichim proizvodstvo kartofelia i ovoshchei; annotirovannyi ukazatel' literatury. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 36 p.

BIBLIOGRAPHY—VETERINARY MEDICINE

New books in veterinary medicine. Veterinariia 33 no. 11:93-94 N '56.

BIBLIOGRAPHY—VITICULTURE

Literature on wine making and viticulture. Vin. SSSR 16 no. 5:62-64 '56.

BIBLIOGRAPHY—VOYAGES AND TRAVELS

Inglezi, R. M., and Z. I. Fradkina. [Through Soviet eyes; travel notes on foreign countries. A recommended reading list] Glazami sovetskikh liudei; putevye zapiski o zarubezhnykh stranakh, rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 53 p.

BIBLIOGRAPHY—WELDING

Foreign books and articles on welding. E. Z. IAkub. Svar. proizv. no. 9:33 S '56.

Soviet books and articles on welding. V. A. Nevskii. Svar. proizv. no. 9:31 S '56.

BIBLIOGRAPHY—WINE AND WINE MAKING

Literature on wine making and viticulture. Vin. SSSR 16 no. 5:62-64 '56.

BIBLIOGRAPHY—WOLF, FRIEDRICH, 1888-

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Friedrich Wolf; a bio-bibliographical index] Fridrikh Vol'f; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1956. 22 p. (pisateli zarubezhnykh stran)

BIBLIOGRAPHY—WOODWORKING INDUSTRIES

Articles in foreign journals. Der. prom. 5 no. 10:26 O '56.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)
(see also subdivision under Germany, East)

Ivan Franko and bibliography. M. P. Gumeniuk. Sov. bibl. no. 43:37-43 '56.

A textbook in bibliography is needed for higher educational institutions ("General bibliography." V. N. Denis'ev. Reviewed by G. I. Bakradze). Sov. bibl. no. 43:33-36 '56.

UNESCO activity in the field of bibliography. Sov. bibl. no. 43:84-85 '56.

World bibliography of bibliography. Sov. bibl. no. 43: 86-87 '56.

BICYCLE RACING
(see also subdivision under Belgium)

Leisure of the Honored Master of Sports. N. Turanov. Fizk. i sport 26 no. 10:13 '56.

Medical observation of riders during training for a several-day bicycle racing. E. IA. Kolbanovskaia. Teor. i prak. fiz. kul'. 19 no. 10:766-772 '56.

BICYCLES AND TRICYCLES

Semenov, D. D. [Preparing the bicycle for competition] Podgotovka velosipeda k sorevnovaniiu. Pod obshchei red. I. P. Plekhanova. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 82 p.

BIERUT, BOLESLAW, 1892-1956

Boleslaw Bierut; obituary. Nov. Kor. no. 3:14-15 Mr '56.

BILE

Effect of decholin on the secretory function of the liver in dogs of different age groups. L. A. Medianik. Dop. ta pov. L'viv. un. no. 4, pt. 2:38-39 '53.

Effect of vitamin B12 on exocrine function of the liver and pancreas. R. V. Rudyi, N. P. Skakun. Vop. pit. 15 no. 5:12-15 S-O '56.

BILIARY TRACT

Effect of cholecystic reflex on the biligenic function of the liver. A. V. Gubar'. Fiziol. zhur. 42 no. 9:765-727 S '56.

BILIARY TRACT—DISEASES

Synthomycin for treating chronic cholecystitis and cholangitis. D. IA. Shurygin, R. K. Kaluzhenko, IU. P. Ksenofontov. Voen.-med. zhur. no. 7:88 Jl '56.

BIOCHEMISTRY

Rapid gasometric method in biochemical analysis. O. G. Pipik. Uch. zap. AGU no. 9:3-12 '55.

The structure of hereditary substance. F. Crick. Khim. nauka i prom. 1 no. 4:472-477 '56.

BIOCHEMISTRY—ABSTRACTS

[Chemistry: Biological chemistry; abstracts nos. 20699-21685] Referativnyi zhurnal: Khimiia; biologicheskaia khimiia no. 22 N '56.

[Chemistry: Biological chemistry; abstracts nos. 21686-22767] Referativnyi zhurnal: Khimiia; biologicheskaia khimiia no. 23 D '56.

BIOGRAPHY

The biographical genre. IU. Mann. Oktiabr' 33 no. 10: 164-171 O '56.

BIOLOGICAL LABORATORIES see subdivision under Belgium; France

BIOLOGICAL RESEARCH see subdivision under Far East

BIOLOGY

Department of Biology and Soils. N. TS. Vest. Mosk. un. 11 no. 6:152-157 Je '56.

BIOLOGY—ABSTRACTS

[Biology; abstracts nos. 93402-102909] Referativnyi zhurnal: Biologiia nos. 22-23 N-D '56.

[Biology; abstracts nos. 102910-107610] Referativnyi zhurnal; Biologiia no. 24 D '56.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—BOOK REVIEWS

Biology and agriculture [reviews of foreign literature]. Nov. knigi za rub. 9 no. 9:3-113 S '56.

BIOLOGY—ECOLOGY see Ecology

BIOLOGY—EXAMINATIONS, QUESTIONS, ETC.

The use of visual aids at examinations. A. G. Shishkina. Vest. vys. shkoly 14 no. 10:40-41 O '56.

BIOLOGY—RESEARCH

Electron-microscope method of biological research. S. L. Pupko. Lab. delo 2 no. 5:3-8 S-O '56.

BIOLOGY—STUDY AND TEACHING

Basis and main principles of an introductory lecture on biology in the Natural History Department in the light of the resolutions of the 19th Congress of the Communist Party of the Soviet Union. V. I. Sukharev. Uch. zap. MGPI 84:127-133 '55.

Developing habits of independent work in biology students of pedagogical institutes. S. V. Gerd. Uch. zap. Ped. inst. Gerts. 124:167-180 '56.

BIOPHYSICS—CONGRESSES

Materials of the Eighth All-Union Congress of Physiologists, Biochemists, and Pharmacologists; biophysical problems at the conference. N. F. Lipkan. Fiziol. zhur. [Ukr.] 1 no. 4:139-141 Jl-Ag '55.

BIOTIN

Distribution of biotin in the vegetative organs of plants. V. V. Filippov, R. N. Milich, G. S. Tarasik. Biul. Glav. sada no. 24:31-42 '56.

BIPHENYLAMINE—SPECTRA

Effect of iron cation content in bentonite on the absorption spectra of adsorbed amines. A. I. Sidorova. Opt. i spektr. 1 no. 4:584-587 Ag '56.

BIRCH

Russian birch. B. Alekseev. Mol. kolkh. 23 no. 9:31 S '56.

BIRDS

(see also subdivision under Pamirs)

Development of seasonal characters in birds. B. H. Novykov. Trudy Inst. zool. AN URSR 13:45-57 '56.

Looking through the window. M. Postupal'skaia. IUn. nat. no. 2:15 My '56.

Sokolov, N.L. [Birds; data for the study of bird behavior] Ptitsy; materialy i izucheniiu povedeniia ptits. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 92 p. (Pedagogicheskaia biblioteka uchitelia)

Specific variations in the development of constant sexual dimorphism characters in birds. B. H. Novykov. Trudy Inst. zool. AN URSR 13:58-70 '56.

Zoogeography in the First All-Union Ornithological Conference. E. E. Syroechkovskii. Izv. AN SSSR. Ser. geog. no. 3:158-160 My-Je '56.

BIRDS—EGGS AND NESTS

It appears that.... IUn. nat. no. 2:27 My '56.

Nesting of birds. Priroda 45 no. 11:101-104 N '56.

BIRDS—GEOGRAPHICAL DISTRIBUTION see subdivision under Brazil; Carpathian Mountains

BIRDS—MIGRATION

Guests from the North. E. P. Narchuk. Priroda 45 no. 11:125 N '56.

BISMUTH

Investigating the effect of temperature on heat conductivity, electric conductivity and heat capacity of bismuth, lead and bismuth-lead alloy systems. V. E. Mikriukov, N. A. Tiapunina. Fiz. met. i metalloved. 3 no. 1:31-41 '56.

Quantitative analysis method for determining bismuth in various combinations and drugs; report no. 1. M. B. Shigol'. Apt. delo 5 no. 5:24-27 S-O '56.

BISMUTH-ANTIMONY ALLOYS

Electronography of Bi - Sb alloys and certain oxides of these elements. Z. G. Pinsker, O. S. Orekhvo, A. I. Miller. Kristallografiia 1 no. 2:239-240 '56.

BISMUTH CHLORIDES—SPECTRA

Flourescence spectrum technique for the detection of the thermal dissociation products of polyatomic vapor molecules. G. G. Neuimin. Opt. i spektr. 1 no. 4:463-468 Ag '56.

BISMUTH-LEAD ALLOYS

Investigating the effect of temperature on heat conductivity, electric conductivity and heat capacity of bismuth, lead and bismuth-lead alloy systems. V. E. Mikriukov, N. A. Tiapunina. Fiz. met. i metalloved. 3 no. 1:31-41 '56.

BISMUTH-MANGANESE ALLOYS see Manganese-bismuth alloys

BITTERN see subdivision under White Russia

BITUMEN

Application of the luminescence microscope and of radioactive isotopes in determining the extent of bitumen surface coating [with English summary in insert]. A. S. Kolbanovskaia. Koll. zhur. 18 no. 5: 547-554 S-O '56.

Temperature dependence of the flow curves and of the viscous properties of bitumens [with English summary in insert]. S. IA. Shalyt, N. V. Mikhailov. Koll. zhur. 18 no. 5:609-614 S-O '56.

BITUMINOUS MATERIALS

Mechanizing the work of preparing and delivering hot asphalt-bitumen waterproofing. V. G. Klement'ev. Mekh. stroi. 13 no. 9:22-24 S '56.

BIVALVES see subdivision 'Lamellibranchiata' under Soviet Far East

BLACK SCAB see Potato wart

BLACK EARTH see Chernozem soils

BLACK SEA—DIATOMS

New representatives of the genus Chaetoceros from the Black Sea and the Sea of Azov. A. I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 11 51-56 Ja '56.

BLACK SEA—FISHES

John Dory on the northern shores of the Black Sea. IU. G. Alcev. Priroda 45 no. 10:115 O '56.

BLACK SEA—FISHING

Fish is gold, as it has been before. Valentin Zhitomirskii. Sov. Ukr. 6 no. 9:191-192 S '56.

BLACK SEA—FOG

Unusual form of steaming of the sea. D. IA. Berenbeim. Priroda 45 no. 11:110-111 N '56.

BLACK SEA—MURICIDAE

Occurrence of Pacific faunal elements in the Black Sea. E. I. Drapkin. Trudy probl. i tem. sov. no. 6:151-154 '56.

BLADDER—DIAGNOSIS

Combined papillomatosis of the kidney pelvis, ureter, and bladder. P. G. Divnenko. Vest. khir. 77 no. 9: 126-130 S '56.

BLADDER—INNERVATION

Effect of stimulation of the interoceptors on the chronaxy of the motor zone of the cerebral cortex. A. I. Karaev, A. A. Loginov. Fiziol. zhur. 42 no. 9: 752-757 S '56.

BLASCO IBÁÑEZ, VICENTE, 1867-1928

Blasco Ibáñez, Spanish writer and democrat. IU. M. Khokhlov. Uch. zap. Ped. inst. Gerts. 121:157-185 '55.

BLAST FURNACES

(see also subdivision under Germany, West)

Experiments in burning limestone in the sintering plant. T. A. Kramnik, A. A. Sorokin. Stal' 16 no. 9:774-776 S '56.

Graphic analysis of curved discharge bridges for blast furnaces. IA. F. Chel'tsov, G. A. Dubrovin. Stal' 16 no. 9:777-779 S '56.

Movement of the charge column in the blast furance. V. K. Gruzinov. Stal' 16 no. 9:771-773 S '56.

T. I. Gapon's work methods in blast furnace operation. N. E. Dunaev, IA. L. Troskunov. Metallurg no. 10:10-14 O '56.

BLAST FURNACES—REPAIRING

Rapid method of rebuilding a blast furnace. A. M. Bosiek. Metallurg no. 10:7-10 O '56.

BLASTING

Scientific and technical conference on short delay action blasting. L. A. Efremov. Ugol' 31 no. 9:47 S '56.

Some results of scientific research of the mining department of the Moscow Geological Prospecting Institute on problems related to resistance of rocks to drilling and blasting. N. I. Kulichikhin, A. O. Verchebа. Trudy MGRI. 30:9-13 '56.

Study of the relation of number and depth of boreholes in a series. Sh. B. Bagdasarov. Trudy MGRI 30:14-17 '56.

Using explosives to construct mine shafts and wells. N. M. Sytyi. Transp. stroi. 6 no. 9:15-17 S '56.

BLIND

Erastova, E.A. [The training of blind children in the home] Vospitanie slepykh detei v sem'e. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 68 p. (Pedagogicheskie sovety roditeliam)

V. G. Korolenko and the blind. A. Khrabrovitskii. Sots. obesp. 17 no. 9:50-52 S '56.

Zemtsova, M.I. [Ways of compensating for blindness during perception and work processes] Puti kompensatsii slepoty v protsesse poznavatel'noi i trudovoi deiatel'nosti. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 418 p.

BLIND—EMPLOYMENT

A blind gunsmith. N. Dmitriev. Sots. obesp. 17 no. 9: 47-49 S '56.

BLIND-DEAF

Second birth. B. Kiselev. Sots. obesp. 17 no. 10:54-55 O '56.

BLIZNIAK, EVGENII VARFOLOMEEVICH, 1881-

Evgenii Varfolomeevich Bliznlak; on the occasion of his 75th birthday. V. E. Ioganson. Izv. AN SSSR. Ser. geog. no. 5:135-136 S-O '56.

Evgenii Varfolomeevich Bliznlak; on the occasion of his 75th birthday and 50th anniversary of his industrial, scientific, pedagogical, and public activities. B. P. Orlov. Meteor. i gidrol. no. 9:64-67 S '56.

BLOOD

Physiology of vascular receptors. R. A. Dymshits. Fiziol. zhur. [Ukr.] 1 no. 4:70-74 Jl-Ag '55.

Results of oxyhemometric investigations under Alpine conditions. V. I. Voitkevych. Fiziol. zhur. [Ukr.] 1 no. 4:121-129 Jl-Ag '55.

BLOOD—ANALYSIS AND CHEMISTRY

Answer to critical comments by V. V. Popov and B. A. Sobchuk. L. E. Gorn. Fiziol. zhur. 42 no. 9:826-827 S '56.

Comparative characteristics of the activity of blood catalase in different animals. S. S. Oganesian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 9 no. 9:9-14 S '56.

Nature of the chemical substances of blood during the periodic activity of the digestive apparatus when not in the process of digesting. G. G. Stepanian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 9 no. 9:3-8 S '56.

Using stable standard turbidity for determining the content of proteins and their fractions in blood serum and the content of proteins in urine. IU. A. Kechek. Lab. delo 2 no. 5:15-17 S-O '56.

BLOOD—CIRCULATION

Changes in the cerebral blood circulation in man. A. M. Bentelev. Fiziol. zhur. 42 no. 5:363-368 My '56.

Hemodynamic indices in arterial hypotension. V. P. Sil'vestrov. Klin. med. 34 no. 9:62-68 S '56.

Potential developmental capacity of cervicocerebral collateral circulatory routs in mammals. P. V. Vasil'ev. Fiziol. zhur. 42 no. 5:376-382 My '56.

BLOOD—COAGULATION

Determining plasma coagulation in whole blood. M. G. Glazman. Lab. delo 2 no. 5:28 S-O '56.

BLOOD—COLLECTION AND PRESERVATION

Blood preservation. Nauka i zhizn' 23 no. 11:51 N '56.

BLOOD—EXAMINATION

Easy method for a general hematological examination of persons affected by penetrating radiation. V. F. Laine. Voen.-med. zhur. no. 7:33-34 Jl '56.

BLOOD—PROTEINS
Some data on the similarity of the dynamics of protein metabolism in a state of excitation and in drug-induced sleep. I. V. Savyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 4: 103-110 Jl-Ag '55.

BLOOD—TRANSFUSION
Al'perin, P.M. [Blood transfusion and donorship] Perelivanie krovi i donorstvo. Izd. 2-oe, dop. Moskva, Institut sanitarnogo prosveshchenila, 1955. 28 p. (V pomoshch' lektoru)
(DAFM)
Blood transfusion to children in a rural district hospital. I. G. Daniliuk. Vop. okh. mat. i det. 1 no. 5:85-88 S-O '56.
Iso-anaphylaxis in repeated blood transfusions in horses and methods for its control. V. A. German. Shor. trud. Khar'. vet. inst. 20:207-209 '49.
Life and blood. I. A. Kassirskii. Zdorov'e 2 no. 10: 1-3 O '56.
Role of vascular interoception in the restoration of vital functions following asphyxia. L. S. Persianinov. Fiziol. zhur. 42 no. 6:685-694 Ag '56.

BLOOD CELLS
Conditioned reflex changes in certain blood components. T. Kh. Stepanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 8:15-21 S '56.
New method for determining the number of formed elements in the blood. S. A. Pospelov, A. M. Pleshkov. Voen.-med. zhur. no. 7:28-32 Jl '56.

BLOOD DONORS
Al'perin, P.M. [Blood transfusion and donorship] Perelivanie krovi i donorstvo. Izd. 2-oe, dop. Moskva, Institut sanitarnogo prosveshchenila, 1955. 28 p. (V pomoshch' lektoru)
(DAFM)

BLOOD PLASMA SUBSTITUTES
Session No. 1017 of the Surgical Society of Moscow and Moscow Province. Khirurgiia. 32 no. 7:89-91 Jl '56.
Synthetic blood plasma substitutes. V. B. Kozinev. Voen.-med. zhur. no. 7:19-25 Jl '56.
Using the L-103 solution as a plasma substitute in a hospital. K. K. Gol'dgammer. Voen.-med. zhur. no. 7:26-28 Jl '56.

BLOOD PRESSURE
Effect of salurid on reflexes from interoceptors. I. E. Gaber. Ukr. biokhim. zhur. 28 no. 2:221-227 '56.
Prognostic significance of phlebotonometry in some diseases of the internal organs in horses. N. A. Zimoglind. Shor. trud. Khar'. vet. inst. 20:104-109 '49.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PRESSURE, LOW see Hypotension

BLOOD PROTEINS
Effect of hormones of the adrenal cortex on serum protein fractions. Report no. 1. Effect of adrenalectomy on serum proteins. T. K. Valuieva. Fiziol. zhur. [Ukr.] 1 no. 4:90-96 Jl-Ag '55.
Effect of the excitation of interoceptors on the correlation of blood protein fractions. A. A. Loginov, N. D. Ershova. Uch. zap. AGU no. 6:63-72 '55.
Structure of blood colloids in schizophrenia and in manic-depressive psychoses. I. A. Poliakchuk. Fiziol. zhur. [Ukr.] 1 no. 5:31-38 S-O '55.

BLOOD SUGAR
Effect of the stimulation of chemoreceptors of the spleen on the sugar content of blood. A. I. Karaev, L. A. Aivazian, R. Iu. Kasimov. Uch. zap. AGU no. 1:67-73 '55.

BLOOD TRANSFUSION
Relation of blood transfusion reactions to the degree of allergy to tuberculin. V. A. Fradkin. Sov. med. 20 no. 9:71-75 S '56.

BLOOD VESSELS
Effect of radial acceleration on conditioned vasomotor reflexes. V. V. Usachov. Zhur. vys. nerv. deiat. 6 no. 4:555-560 Jl-Ag '56.

BLOOD VESSELS—DISEASES
Angiospastic and conclusive syndrome in rheumatism in children and adolescents. V. IA. Dolanov. Zhur. nerv. i psikh. 56 no. 9:698-702 '56.
Changes in skin temperature and of capillaroscopic and chronaximetric data in thrombophlebitis of the extremities [with summary in English, p. 160]. V. M. Milovidova. Vest. khir. 77 no. 9:66-73 S '56.

BLOOD VESSELS—INNERVATION
Physiology of vascular receptors. R. A. Dymshits. Fiziol. zhur. [Ukr.] 1 no. 4:70-74 Jl-Ag '55.
Reflex reactions of the small intestine to stimulation of vasoreceptors in a dog. H. K. Popov. Fiziol. zhur. [Ukr.] 1 no. 4:75-79 Jl-Ag '55.

BLOOD VOLUME
Peculiarities of vascular reflex reactions in otosclerosis. M. I. Krotova-Vodop'ianova. Vest. oto-rin. 18 no. 5: 96 S-O '56.

BOARDING SCHOOLS
(see also subdivision under Kiev; Moscow; Skole District; Ukraine)
Boarding schools are a significant phase in the development of national education. Rad. shk. 35 no. 10:3-7 O '56.
New regulations on boarding schools. Rabotnitsa 34 no. 11:22 N '56.

BOAT-RACING see Rowing

BOATS, SUBMARINE see Submarine boats

BODIANSKII, OSIP MAKSIMOVICH, 1808-1877
Kondrashov, N. A. Osip Maksimovich Bodianskii. [Moskva] Izd-vo Moskovskogo univ., 1956. 86 p. (Zamechatel'nye uchenye Moskovskogo universiteta)
(MII)

BODY TEMPERATURE
Changes in skin temperature and of capillaroscopic and chronaximetric data in thrombophlebitis of the extremities [with summary in English, p. 160]. M. V. Milovidova. Vest. khir. 77 no. 9:66-73 S '56.
Effect of a change in the zinc content of the environment on the intensity of heat exchange in frogs. E. V. Cherkasova. Fiziol. zhur. 42 no. 5:413-417 My '56.
Poikilothermism in hummingbirds. N. A. Gladkov. Priroda 45 no. 10:100-102 O '56.

BOGOMILES see subdivision under Bulgaria

BOGS see Swamps

BOILERS
Adjusting the firing process in the boiler. V. P. Shchurov. Energetik 4 no. 10:14-15 O '56.
Asbestos-cement economizers in industrial and heating boiler installations. N. P. Kuriagin. Prom. energ. 11 no. 9:11-15 S '56.
Burning lignin at the Arkhangelsk Hydrolysis Plant. M. V. Marder. Gidroliz. i lesokhim. prom. 9 no. 4: 24 '56.
Economic effectiveness of the power and chemical installation at the "Vakhtan" Plant. A. A. Shilov, R. A. Akimova. Gidroliz. i lesokhim. prom. 9 no. 4:28-29 '56.
Imported steam boilers. V. I. Porfil'ev. Sakh. prom. 30 no. 7:26-29 Jl '56.
Installation of TP-230-B shop-assembled boilers. A. S. Proshin, M. L. Shmulevich. Elek. sta. 27 no. 9:21-25 S '56.
Means for increasing the profitability of power and chemical equipment. V. S. Gerasimov, G. A. Makarova. Gidroliz. i lesokhim. prom. 9 no. 4:29 '56.
Methods and outlook for the use of suspended seamless refractory walls. A. L. Bychkovskii. I. IA. Zalkind, IU. I. Okerblom. Teploenergetika 3 no. 9:61-63 S '56.
Operation of a low-pressure economizer. V. A. Komissarov. Energetik 4 no. 10:3-6 O '56.
Special high-capacity boilers to cover peaks in heating and power plants. M. A. Styrikovich, I. K. Stasiuliavichus. Teploenergetika 3 no. 10:3-6 O '56.
Stage evaporation arrangement with the second stage connected in parallel with the drum. V. N. Bereznegovskaia. Teploenergetika 3 no. 9:63 S '56.
Steaming the layer of fuel on chain grates. I. A. Sheinin. Energetik 4 no. 10:39-40 O '56.
Television in boiler installations (from "BWK," 5 no. 4 '55). Prom. energ. 11 no. 10:32-34 O '56.
Use of steam piston pumps for automatic feed regulation and continuous blowdown of small boilers. F. P. IAnutsevich. Energetik 4 no. 10:16-17 O '56.
Water conditions in high-pressure boilers. A. A. Kot. Energetik 4 no. 10:31-32 O '56.

BOILERS—INCRUSTATIONS
Preventing the formation of copper scale by means of sodium hexametaphosphate. N. N. Man'kina, M. D. Loginov, T. A. Sashina. Teploenergetika 3 no. 10:33-36 O '56.

BOILERS—MAINTENANCE AND REPAIR
Repairing fire-tube boilers. V. P. Nepomniashchii. Energetik 4 no. 10:13-14 O '56.

BOILERS, MARINE
Foreign experience in the mechanization of coal combustion in marine and small boiler installations. V. V. Veretennikov. Rech. transp. 15 no. 8:30-32 Ag '56.
Increasing effective steam pressure in KB-5 boilers. F. F. Benua, P. N. Shiliaev. Rech. transp. 15 no. 8: 22-23 Ag '56.
Liberman, L. IA., and M. I. Peisikhis. [Handbook on the properties of steels used in marine boiler and turbine building] Spravochnik po svoistvam stalei, primeniaemykh v kotloturbostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956, 195 p. (Leningrad. TSentral'nyi nauchno-issledovatel'skii kotloturbinnyi institut. [Trudy], vol. 29)
Replacement of marine boiler seatings. D. Skvirskii. Mor. flot 16 no. 10:25-26 O '56.

Volodarskii, S.M. [Repair of marine boilers] Remont sudovykh parovykh kotlov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 105 p. (Posobie po podgotovke rabochikh)

BOILERS, WATERTUBE—WELDING
Resistance welding of tubes in superhigh parameter boilers. A. S. Gel'man, E. S. Slepak. Metalloved. i obr. met. no. 9:41-49 S '56.

BOLDYREV, ANATOLII KAPITONOVICH, 1883-1946
A. K. Boldyrev's work in petrology and mineralogy. S. P. Solov'ev. Zap. Vses. min. ob-va 85 no. 3:386-392 '56.

BOL'SHAYA RIVER—SALMON
Effect of predaceous fishes on the amount of young of the salmon family. R. S. Semko. Trudy probl. i tem. sov. no. 6:150 '56.

BOL'SHINTSOV, M.
"Boy from the gates of Narva." M. Bol'shintsov. Reviewed by A. Leutskii. Nach. shkola 24 no. 11:57 N '56.

BOLZANO, BERNHARD, 1781-1848
"Bernhard Bolzano." E. Kol'man. Reviewed by IU. M. Gaiduk. Usp. mat. nauk 11 no. 4:239-231 Jl-Ag '56.

BOMBING, AERIAL
Determining the wind when bombing from high-speed planes. Vest. Vozd. Fl. 39 no. 6:74-75 Je '56.
Taking into consideration intermediate winds in high altitude bombing. M. D. Lakhtin. Vest. Vozd. Fl. 38 no. 5:28-30 My '56.

BONCH-BRUEVICH, MIKHAIL DMITRIEVICH, 1870-1956
Mikhail Dmitrievich Bonch-Bruevich; obituary. Geod. i kart. no. 7:74-77 S '56.

BONE
Histochemistry of bone tissues and certain problems of skeletal histogenesis. A. IA. Fridenshtein. Usp. sovr. biol. 42 no. 2:249-258 S-O '56.

BONE MARROW see Marrow

BONES—BLOOD SUPPLY
Venous supply of bones in man [with summary in English, p. 159]. F. P. Markizov. Vest. khir. 77 no. 9:37-45 S '56.

BONES—DISEASES
Intra-arterial infusion of therapeutic substances according to data from an all-Union survey. A. I. Svistunenko. Khirurgiia. 32 no. 7:45-48 Jl '56.

BONES—TRANSPLANTATION
Bone homoplasty. G. V. Golovin. Vest. khir. 77 no. 9: 109-113 S '56.

BONES—TUMORS
Tumors of bone tissue induced by radioactive substances. N. N. Litvinov. Biul. eksp. biol. i med. 42 no. 8:62-65 Ag '56.

BONUS SYSTEM
Bonus payments for putting building projects into operation before completion. G. Kuzanov. Fin. SSSR 17 no. 10:58-60 O '56.
Does a foreman have the right to give a bonus to a worker? A. Ioirysh. Otv. na vop. trud. no. 7:19-21 '56.

BOOK BUYING (LIBRARY ECONOMY) see Libraries—Accessions; Libraries—Order dept.

BOOK ILLUSTRATION see Illustration of books

BOOK INDUSTRIES
Brief news. Sov. knizh. torg. no. 10:28-29 O '56.
In foreign countries. Sov. knizh. torg. no. 8:28 Ag '56.
Interrepublic conference in Tashkent. Sov. knizh. torg. no. 8:19 Ag '56.
Plans should be realistic. N. Kanel', M. Kleiner. Sov. knizh. torg. no. 8:11 Ag '56.

BOOK INDUSTRIES—ACCOUNTING
Accounting should be simplified. A. Nezgovorov. Sov. knizh. torg. no. 8:12 Ag '56.

BOOK INDUSTRIES—EXHIBITIONS
(see also subdivision under Germany)
Remarks on the exhibition of Soviet books in France. A. Golyshkov. Sov. knizh. torg. no. 10:3-7 O '56.

BOOK SELECTION
Meeting with readers. V. Blinova. Sov. knizh. torg. no. 8:16-17 Ag '56.

BOOKS see subdivision under France

BOOKS—CONSERVATION AND RESTORATION
Illuminating device used in book restoration. IU. Niuksha. Bibliotekar' no. 10:41-41 O '56.

BOOKS—REVIEWS
Books written by journalists. Sov. pech. no. 10:36 O '56.
Brief books. Mol. komm. 14 no. 10:128 O '56.

BOXING

Foreign experts on infighting technique. E. I. Ogurenkov. Teor. i prak. fiz. kul'. 19 no. 10:789-791 '56.

Some problems in training young boxers in school sections. N. A. Khudadov, V. M. Romanov. Teor. i prak. fiz. kul'. 19 no. 9:664-669 '56.

BRAIN

Data on the topography of subcortical formations in the brain of dogs applicable to expdrimental surgery. T. A. Leontovich, T. A. Mering. Biul. eksp. biol. i med. 42 no. 8:71-78 Ag '56.

Effect of paramyon on rigidity in decerebrated animals and on tail spasm induced with morphine. B. M. Butaev. Biul. eksp. biol. i med. 42 no. 8:55-57 Ag '56.

Functional changes and ammonia contents in the brain of rabbits by convulsive affects. V. I. Rozengart, M. N. Maslova, A. N. Paniukov. Dokl. AN SSSR 110 no. 1:122-124 S-O '56.

Impregnation of brain cells with silver by using direct current. V. A. Abovian. Biul. eksp. biol. i med. 42 no. 8:78-80 Ag '56.

Letter to the editor. Fiziol. zhur. 42 no. 6:726 Ag '56.

Nature of the effect of the midbrain on the respiratory center. Z. S. Dontsova. Fiziol. zhur. 42 no. 6:668-674 Ag '56.

Pathomorphology of the central nervous system in experimental scurvy, in vitamin C deficiency, and following administration of extensive doses of vitamin C. M. A. Izrail'skaia, I. S. Dergachev. Vop. pit. 15 no. 5: 32-37 S-O '56.

"Peculiarities in the structure of the human brain. The temporal lobe in man and monkeys." S. M. Blinkov. Reviewed by S. N. Davidenkov. Vop. neirokhir. 20 no. 5:60 S-O '56.

The so-called "activating systems" of the brain stem; review of the literature. T. S. Naumova. Zhur. nevr. i psikh. 56 no. 8:068-075 '56.

Studies of the effect of stimulation of gastrointestinal interoceptors on unconditioned defense reflexes. Report no. 2: Effect of stimulation of mechanoreceptors of the gastrointestinal system on defense reflexes in various functional states of the brain. G. P. Mikhailovskii. Biul. eksp. biol. i med. 42 no. 9:6-11 S '56.

Variations of pressure in a hermetically closed cranial cavity. A. I. Naumenko. Fiziol. zhur. 42 no. 6:660-667 Ag '56.

BRAIN—ABNORMALITIES AND DEFORMITIES

Associated form of congenital monstrosity of the cranium and of the brain. A. P. Burlutskii. Vop. neirokhir. 20 no. 5:40-47 S-O '56.

BRAIN—ABSCESS

Treatment in otogenous brain abscesses. N. S. Grachova. Vest. oto-rin. 18 no. 5:100-101 S-O '56.

BRAIN—BLOOD SUPPLY

Akademiia meditsinskikh nauk SSSR, Moscow. Institut neirokhirurgii. [Disturbances of blood circulation due to affections of the brain] Narusheniia krovoobrashcheniia pri porazheniiakh golovnogo mozga. Moskva, Medgiz, 1956. 299 p. (DAFM)

Anemization of the brain in dogs by applying movable ligatures to vessels supplying the brain in nonsurgical experiment. G. A. Ionkin, A. N. Leonov. Fiziol. zhur. 42 no. 5:425-429 My '56.

Changes in the cerebral blood circulation in man. A. M. Bentelev. Fiziol. zhur. 42 no. 5:363-368 My '56.

Surgical anatomy of the large Galen's vein. D. B. Bekov. Vop. neirokhir. 20 no. 4:8-15 Jl-Ag '56.

BRAIN—DISEASES

Remote epileptic psychoses following cerebral infections and trauma in children. G. E. Sukhareva. Zhur. nevr. i psikh. 56 no. 9:685-690 '56.

BRAIN—HYDATIDS

A case of cerebral echinococcosis diagnosed as tuberculous meningitis. I. IA. Shor. Sov. med. 20 no. 9:89-90 S '56.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—RADIOGRAPHY

Pneumoencephalography in children during drug-induced sleep. S. A. Mel'nikov. Zhur. nevr. i psikh. 56 no. 9: 740-749 '56.

Roentgenological signs of compensatory significance in the cranium and in the brain. M. B. Kopylov. Vop. neirokhir. 20 no. 5:29-36 S-O '56.

BRAIN—SURGERY

Anatomophysiological principles of surgery in parabasal wounds penetrating into the cerebrocranial cavity. A. A. Shlykov. Vop. neirokhir. 20 no. 5:6-12 S-O '56.

Brain surgery. E. I. Kandel'. Zdorov'e 2 no. 10:0-11 O '56.

Formation of a crossed stretch reflex (Philippson's reflex) in decerebrated animals. V. D. Glebovskii. Fiziol. zhur. 42 no. 6:788-799 S '56.

Method of removal of the nucleus caudatus. B. N. Klosovskii, N. S. Volzhina. Fiziol. zhur. 42 no. 6:817-819 S '56.

Ventriculocisternostomy. G. P. Kornianskii. Vop. neirokhir. 20 no. 5:19-23 S-O '56.

BRAIN—TUBERCULOSIS

Tuberculosis of the brain stem diagnosed on the basis of otoneurological data. M. A. Beliaeva. Vest. oto-rin. 18 no. 5:105-106 S-O '56.

BRAIN—TUMORS

"Angioreticuloma of the brain." E. V. Shmidt. Reviewed by L. I. Smirnov. Vop. neirokhir. 20 no. 4:58-62 Jl-Ag '56.

Cultivation of certain human cerebral tumors in a chick embryo [with summary in English]. L. IA. IAbtonovskaia. Vop. onk. 2 no. 4:432-439 '56.

Difficulties in diagnosing tumors of the cisterna transversalis of the brain. IU. V. Konovalov. Vop. neirokhir. 20 no. 5:38-43 S-O '56.

Eighth annual conference of young scientists dedicated to the 60th anniversary of Academician Nikolai Nilovich Burdenko's birth. B. Spirin. Vop. neirokhir. 20 no. 5:63 S-O '56.

Radical therapy of infiltrated forms of arachnoid endotheliomas of the brain; block resection method. N. M. Volynkin. Vop. neirokhir. 20 no. 5:13-19 S-O '56.

Subacute duodenal ulcer in papilloma of the vascular plexus of the fourth ventricle. V. V. Martirosian. Vop. neirokhir. 20 no. 5:48 S-O '56.

BRAKES

Brakes from "paranite" wastes. A. IA. Zaiarnyi. Sakh. prom. 30 no. 8:38-39 Ag '56.

Improving brake equipment for railroad rolling stock. V. A. Korshunova. Standartizatsiia no. 4:66-68 Jl-Ag '56.

BRAKES—STANDARDS

Selecting shapes and sizes for brake shoes. L. M. Pyzhevich, L. A. Vukolov. Standartizatsiia no. 4:60-65 Jl-Ag '56.

BRANDY

On the composition of wood of Armenia oaks as raw material for the cognac industry. L. M. Dzhanpoladian, E. L. Mndzhoian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:95-102 S '56.

BRATSK—COMMUNITY CENTERS

At the Padun rapids. V. Skugorov. Klub 6 no. 10:12-13 O '56.

BRATSK—DESCRIPTION

Virgin soil of Bratsk. Klub 6 no. 11:7-9 Klub 6 no. 11: 7-9 N '56.

BRATSK HYDROELECTRIC POWER STATION

On the Angara River. E. Krein. Sib. ogni 35 no. 4: 133-135 Jl-Ag '56.

Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. [Bratsk Hydroelectric Power Station] Bratskaia gidroelektrostantsiia. [Moskva] Gosenergoizdat, 1956. 11 p.

BRAUN, NIKOLAI LEOPOL'DOVICH

"The most dear." Nikolai Braun. Reviewed by S. Vladimirov. Zvezda no. 11:188-189 N '56.

BRAZIL—BIRDS

Courageous birds. R. Krumbholz. IUn. nat. no. 7:38-39 O '56.

BRAZIL—LIBERTY OF THE PRESS

"Crime" and punishment; campaign of Brazilian reaction against the press. V. Chichkov. Sov. pech. no. 10:46 O '56.

BRAZIL—TRADE UNIONS

Unity guarantees the victory of the workers. Luis Tenorio de Lima. Sov. profsoiuzy 4 no. 10:89-91 O '56.

BRAZING

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. [Flame brazing of metals] Gazoplamennaia paika metallov. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1955. 70 p. (Rukovodiashchie materialy, no. 7)

BREACH OF THE PEACE

The struggle against hooliganism is the concern of society as a whole. G. Mendel'son, IU. Tkachevskii. Blok. agit. no. 30:27-36 O '56.

BREAST—CANCER

Prolonged use of synestrol in spontaneous mammary cancer in monkeys [with summary in English]. A. V Vadova, V. I. Gel'shtein. Vop. onk. 2 no. 4:391-396 '56.

BREAST—DISEASES

Asymptomatic dyshormonal changes in normal mammary glands in women over 40 [with summary in English]. A. V. Gubareva. Vop. onk. 2 no. 4:443-452 '56.

BREST—WORLD WAR, 1939-1945

Fifteen years later. Z. Il'evskii. Ogonek 34 no. 41: 2 O '56.

BREST, BATTLE OF, 1941

Heroes of Brest are active members of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. S. Frolov. Voen. znan. 31 no. 9:5 S '56.

Medical workers of the Brest fortress. S. Smirnov. Sov. kras. krest 6 no. 5:26-29 S-O '56.

The real truth about heroes of the immortal garrison ("Fortress on the border." S. Smirnov. Reviewed by V. Malinin). Voen. znan. 31 no. 9:30 S '56.

Smirnov, S.S. [Border fortress] Krepost' na granitse. Moskva, Izd-vo DOSAAF, 1956. 95 p. (V biblioteku shkol'nika)

BREST DISTRICT—BOOKSELLERS AND BOOKSELLING

How the Brest District Consumers' Union improved the book trade. M. Burdo. Sov. knizh. torg. no. 10:18 O '56.

BRICK INDUSTRY see subdivision under Svecha District

BRICKMAKING

Improving the quality of brick made of low-plasticity clays. Stroi. mat., izdel. i konstr. 2 no. 9:24-25 S '56.

Kilning raw bricks of increased moisture. A. Pankratov. Prom. koop. no. 10:19 O '56.

Mobile brickyard. I. Fridman. Prom. koop. no. 10:18-19 O '56.

BRICKS

(see also subdivision under Nizhniye Kotly)

Erecting walls made of large brick blocks under cold weather conditions. L. N. Pitskel. Nov. tekh. i pered. op. v stroi. 18 no. 10:10-12 O '56.

Holding device used in stacking bricks. F. I. Maltsev. Mekh. stroi. 13 no. 10:26-27 O '56.

BRICKS—TRANSPORTATION

Mechanizing transportation of bricks. M. Golovintsev. Stroi. mat., izdel. i konstr. 2 no. 9:34-37 S '56.

BRICKS, HOLLOW see Hollow bricks

BRIDGE CONSTRUCTION

[Building of conduits and bridges for automobile roads; a collection of articles] Stroitel'stvo trub i mostov na avtomobil'nykh dorogakh; sbornik statei. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 50 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

Designing bridges with the aid of a current flow plan. I. IA. Melik-Bakhtamian. Trudy TbIIZHT no. 22:88-117 '56.

Strain in bridge supports on high pilework subjected to horizontal forces. M. K. Nikitin. Sbor. LIIZHT no. 150:86-102 '56.

BRIDGES

(see also subdivision under Novosibirsk)

Akademiia nauk SSSR. Institut kompleksnykh transportnykh problem. [Problems of standardization of bridge installations] Voprosy tipizatsii mostovykh sooruzhenii; sbornik. Moskva.

Vol. 2. [Standard solutions of problems in bridging broad streams for transportation purposes] Tipovye reshenila transportnykh pereseche-nii shirokikh vodotokov. 1956. 154 p.

Boldakov, E.V., and O.V. Andreev. [Bridging waterways] Perekhody cherez vodotoki. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 404 p.

Kalashnikov, N.A., and E.V. Tumas. [Tables and graphs for the calculation of plates for automobile bridge runways] Tablitsy i grafiki dlia rascheta plit proezzhei chasti mostov na avtomobil'nuiu nagruzku. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 36 p.

BRIDGES, ARCHED see subdivision under Europe, Western

BRIDGES, CONCRETE

(see also subdivision under Yellow River, China)

Experimental investigation of stresses in an experimental bridge girder and bridge span in use made of prestressed reinforced concrete with heavy reinforcement bundles. E. A. Troitskii. Trudy TSNIIS no. 19: 299-332 '56.

Investigation of the process of crack development in the stressed zone of reinforced concrete bridge girders subjected to bending from a lateral force. A. V. Alekseichenko. Trudy TSNIIS no. 19:177-250 '56.

Prestressed reinforced concrete cantilever trusses for bridges. V. I. Gnedovskii. Trudy TbIIZHT no. 22: 15-42 '56.

BRIDGES, IRON AND STEEL

Decreasing the concentration of stresses in the joints of welded bridge spans. K. P. Bol'shakov. Trudy TSNIIS no. 20:6-85 '56.

Developing methods for erecting steel span bridges in the U.S.S.R. G.S. Dubinskii. Sbor. trud. MISI no. 10:184-214 '56.

Graphoanalytical method for calculating the optimum height of varying cross-section steel girders used in bridge construction. V. V. Zakharov. Sbor. trud. MISI no. 10:167-183 '56.

BRIDGES, IRON AND STEEL (Continued)

On designing single-bolt joints for welded elements of bridge spans. I. A. Moiseev. Trudy TSNIIS no. 20: 203-216 '56.

Strength of welded structural elements for bridges subjected to alternating and reversed stresses. B. N. Duchinskii. Trudy TSNIIS no. 20:86-162 '56.

BRIDGES, SUSPENSION
(see also subdivision under Japan)

Design of single-span suspension bridges with due allowance for deflections. N. M. Kirsanov. Sbor. trud. MISI no. 10:48-64 '56.

BRIDGES, WOODEN

Genritsy, G. E., and L. F. Churaina. [The building of the simplest kinds of wooden bridges] Stroitel'stvo prosteishikh derevlannykh mostov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 68 p. (Biblioteka stroitelia mestnykh dorog)

BRINE see Salt

BRIQUETS (FUEL)

Briquetting agricultural wastes. B. M. Ravich. Priroda 45 no.10:90-92 O '56.

Trop, A. E. [Electric equipment at coal preparation and briquette factories] Elektrooborudovanie ugleobogatitel'nykh i briketnykh fabrik. Izd. 2-e, ispr. i dop. Moskva, Ugletekhizdat, 1956. 198 p.

BRIUSOV, VALERII IAKOVLEVICH, 1873-1924

Valerii Briusov on Armenian poetry. I. Tatinian, L. Mkrtchian. Stud. nauch. sbor. ERPI no. 3:11-20 '55.

BRODATY, LEV GRIGOR'EVICH, 1889-1954

L. G. Brodaty. L. El'kovich. Iskusstvo 19 no. 6:26-28 '56.

BROME GRASS

Smooth brome as a valuable forage crop. A. Shadiev. Zemledelie 4 no.10:113-114 O '56.

BROMINE

Effect of thyroxin on gas exchange in rats following the administration of bromine. T. O. Dzhoieva. Fiziol. zhur. [Ukr.] 1 no. 4:111-116 Jl-Ag '55.

Reciprocal solubility of bromine, hydrobromic acid and water. M. A. Menkovskii and others. Zhur. neorg. khim. 1 no. 7:1658-1664 Jl '56.

BROMINE IN THE BODY

Accumulation and secretion of bromine in the central nervous system in dogs. G. E. Batrak, M. A. Gutina. Fiziol. zhur. 42 no. 5:389-392 My '56.

BROMINE METABOLISM

Bromine metabolism in manic-depressive psychoses. P. V. Biriukovych, TS. M. Shtutman. Fiziol. zhur. [Ukr.] 1 no. 5:54-56 S-O '55.

BRONCHI—DISEASES

Experimental therapy of proserine bronchospasm. E. P. Uspenskaia. Biul. eksp. biol. i med. 42 no. 8:47-51 Ag '56.

BRONCHI—FOREIGN BODIES

A rare case of a foreign body in the bronchus. M. V. Shesterina. Sov. med. 20 no. 9:87-88 S '56.

BRONZE AGE see subdivision under Sadovoye (Stalinskoye District)

BROWN INDIAN HEMP see Ambary hemp

BRUCELLA

Problem of filtrable forms of Brucella. N. D. Kiris. Zhur. mikrobiol. epid. i immun. 27 no. 10:75-79 O '56.

Secondary phage-resistant cultures of Brucella. M. S. Drozhevkina. Zhur. mikrobiol. epid. i immun. 27 no. 10:63-68 O '56.

Spreading factors and hyaluronidase in Brucella. N. D. Anina-Radchenko. Zhur. mikrobiol. epid. i immun. 27 no.10:69-74 O '56.

BRUCELLOSIS
(see also subdivision under Rostov Province)

Brucellar bursitis of the knee joint. I. I. Shushkovskii. Vest. khir. 77 no. 9:123-125 S '56.

Certain problems in the epidemiology of brucellosis. P. A. Vershilova. Zhur. mikrobiol. epid. i immun. 27 no. 10:53-57 O '56.

Diagnosis and treatment of brucellar meningitis. I. B. Otaraev. Klin. med. 34 no. 9:60-62 S '56.

Intravenous vaccine therapy and the prevention of complications in brucellosis. I. B. Otaraev. Zhur. mikrobiol. epid. i immun. 27 no. 10:96 O '56.

BRUCELLOSIS—DIAGNOSIS

Results of using antiphage serum for the improvement of bacteriological diagnosis of brucellosis in man. A. S. Fomicheva, V. S. Uraleva, N. A. Chernenkova. Zhur. mikrobiol. epid. i immun. 27 no. 10:57-62 O '56.

BRUCELLOSIS—PREVENTION

Method of lowering the occupational incidence of brucellosis. S. M. Smirnov. Zhur. mikrobiol. epid. i immun. 27 no. 10:86-90 O '56.

BRUCELLOSIS—PREVENTIVE INOCULATION

Epidemiologic effectiveness of prophylaxis with dry living vaccine from the Institute of Epidemiology and Microbiology of the Academy of Medicine of the U.S.S.R. Z. A. Rozova and others. Zhur. mikrobiol. epid. i immun. 27 no. 10:79-82 O '56.

Problem of the epidemiological effectiveness of dry living vaccine of the N. F. Gamaleia Institute of Epidemiology and Microbiology of the Academy of Medicine of the U. S. S. R. D. I. Drankin. Zhur. mikrobiol. epid. i immun. 27 no. 10:82-86 O '56.

BRUCELLOSIS IN HORSES

Comparative rating of serological and allergic methods for diagnosing brucellosis in horses. A. T. Bogaevskii. Sbor. trud. Khar'. vet. inst. 20:123-129 '49.

BRUNI, LEV ALEKSANDROVICH

L. A. Bruni. K. Kravchenko. Iskusstvo 19 no. 6:31 '56.

BRUSHES, ELECTRIC—STANDARDS

Application of preferred numbers to the selection of dimensions for electric contact brushes. P. S. Livshits. Standartizatsiia no. 4:17-20 Jl-Ag '56.

BRUSHTEIN, ALEKSANDR IAKOVLEVNA

In those far-off years ("The road leads off into the distance." A. Brushtein. Reviewed by Ol'ga Ziv). Znamia 26 no. 11:184-188 N '56.

BRUSSELS—EXHIBITIONS

Brussels, 1956. M. Nesterov. Ogonek 34 no. 41:5 O '56.

BRUSSELS—GEODESY—CONGRESSES

Recommendations nos. 6, 7, and 8 adopted at the Ninth General Congress of the International Union of Geodesy and Geophysics. Geod. i kart. no. 7:72-74 S '56.

BRUSSELS—LAW—CONGRESSES

Sixth Congress of the International Association of Democratic Lawyers. P. I. Kudriavtsev. Sov. gos. i pravo no. 8:121-125 '56.

BRUSSELS—PIANO MUSIC—COMPETITIONS

Piano contest in Brussels. E. Gilel's. Sov. muz. 20 no. 9:131-135 S '56.

BRYANSK—COOPERATIVE SOCIETIES

Articles on display and for sale. L. Davydov. Prom. koop. no. 10:30-31 O '56.

BRYANSK—PHYSICS—STUDY AND TEACHING

An evening of wonders. N. Kuryndin. Vozhatyi 32 no.10:12-13 O '56.

BUCKLING (MECHANICS)

Vol'mir, A.S. [Elastic buckling plates and shells] Gibkie plastinki i obolochki. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 419 p.

BUCOVINA—THYROID GLAND

Histologic characteristics of the thyroid in Bucovina. N. M. Shinkerman. Probl. endok. i gorm. 2 no. 4:61-69 Jl-Ag '56.

BUDGET

Budgetary law of the Supreme Soviet of the U. S. S. R. M. I. Piskotin. Sov. gos. i pravo no. 7:14-24 '56.

Kovan'kovskii, P. L. [Budget of the U. S. S. R., historical and critical survey] Biudzhet SSSR; istoriko-kriticheskii obzor. Miunkhen, 1956. 151 p. (Institut zur Erforschung der UdSSR. Issledovaniia i materialy, ser. I, no. 33)

Matveev, V. I. [Budgetary rights of the district soviets of workers deputies] Biudzhetnye prava raionnykh Sovetov deputatov trudiashchikhsia. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 73 p.

Russia (1917- R. S. F. S. R.) Ministerstvo finansov. [National bugdet of the Russian S. F. S. R. for 1956 and putting the 1954 budget into effect. Report of the Deputy I. I. Fadeev, Minister of Finances of the Russian S. F. S. R., at the second session of the Supreme Soviet of the Russian S. F. S. R., January 23, 1956. Law on the budget of the Russian S. F. S. R. for 1956] O gosudarstvennom biudzhete RSFSR na 1956 god i ob ispolnenii Gosudarstvennogo biudzheta RSFSR za 1954 god; doklad Ministra finansov RSFSR na vtoroi sessii Verkhovnogo Soveta RSFSR 23 ianvaria 1956 g. Zakon o Gosudarstvennom biudzhete Rossiiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki na 1956 god. Moskva, Gos. izd-vo polit. lit-ry, 1956. 34 p.

BUDS

Development of generative buds in various persimmon species. K. A. Sergeeva. Biul. Glav. bot. sada no. 24: 42-46 '56.

Growth and development of buds in arborescent plants. M. N. Moisieieva. Ukr. bot. zhur. 13 no. 3:27-40 '56.

BUILDING
(see also subdivision under China; [illegible] Tau)

D'iachkov, M.F. [Analysis of management [illegible] Analiz khoziaistvennoi deiatel'nosti [illegible] Moskva, Ministerstvo vysshego [illegible] 1955. 279 p.

Information. Sel'. stroi. 11 no. [illegible]

Letters from readers. Sel'. stroi. 11 [illegible]

Lowering the cost of construction of [illegible] V. I. Slavov. Khim. i tekh. topl. [illegible]

"Manual on agricultural construction." [illegible] D. Aranovich. Sel'. stroi. 11 [illegible]

A matter in which there are no trifles [illegible] Sov. profsoiuzy 4 no. 10:27-32 [illegible]

Our practice in building. V. Kapustin [illegible] no. 9:13-14 S '56.

Strictly control the quality of construction [illegible] kin. Sel'. stroi. 11 no. 8:14 S '56.

We observed "Builder's Day" in the [illegible] I. Kabachek. Sel'. stroi. 11 no. [illegible]

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER CONDITIONS

Prepare in good time for building [illegible] tions. Sel'. stroi. 11 no. 8:1 S '56.

Winter construction work on collective farms [illegible] kengof. Sel'. stroi. 11 no. 9:2-4 S '56.

BUILDING—COMPETITIONS

Results of the competitions for [illegible] ments for apartment houses and public [illegible] B. Plessein, A. Sherentsis. Arkhit. [illegible] no. 9:21-20 S '56.

BUILDING, CONCRETE see Concrete construction

BUILDING, EARTHQUAKE-PROOF see Earthquake-proof construction and building

BUILDING, IRON AND STEEL

Experimental study of the effect of [illegible] steel construction elements on atmospheric resistance. I. I. Koshin. Nauch. [illegible] '56.

BUILDING, WOODEN

Ivanov, V.F. [Wooden structures] Derevianye [illegible] tsii. Leningrad, Gos. izd-vo lit-ry [illegible] tekture, 1956. 316 p.

BUILDING BLOCKS
(see also subdivision under Moldavia)

Improving the production of large [illegible] B. Z. Goreikii. Bet. i zhel.-bet. [illegible] '56.

BUILDING INDUSTRY see Construction industry

BUILDING MACHINERY

Building machinery abroad. D. A. [illegible] tekh. 13 no. 9:35-44 S '56.

On standardization of building and [illegible] A. IA. Gurevich. Stroi. i dor. mashinostr. [illegible] S '56.

"Over-all mechanization of construction [illegible] lems of its effectiveness." V. V. [illegible] Shafranskii. Reviewed by I. G. [illegible] stroi. 13 no. 9:31-33 S '56.

Petrov, N.S. [Machines and mechanized [illegible] finishing work in building] Mashiny i [illegible] nye instrumenty dlia stroitel'nykh [illegible] dop. i peror. Moskva, Gos. nauchno [illegible] shinostroit. lit-ry, 1956. 287 p.

Recommended inventions and technical [illegible] Nov. tekh. i pered. op. v stroi. 18 no. [illegible]

The SA-2 universal vibrating unit. A. M. [illegible] Nov. tekh. i pered. op. v stroi 18 no. [illegible]

Shortcomings in the construction of [illegible] machines. V. I. Vasilukov, A. L. [illegible] 13 no. 10:24-25 O '56.

BUILDING MACHINERY—BIBLIOGRAPHY see Bibliography—Building machinery

BUILDING MACHINERY—EXHIBITIONS see subdivision under Moscow

BUILDING MACHINERY INDUSTRY

Establishing higher norms. M. Borisov. [illegible] no. 4:95-97 Ap '56.

BUILDING MATERIALS
(see also subdivision under Ostrogozhsk)

Moshchanskii, N. A. [To-day's building [illegible] to-morrow's] Stroitel'nye materialy [illegible] i zavtrashnego dnia. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo [illegible] nenilu politicheskikh i nauchnykh [illegible]

Technology of manufacturing lime-sand [illegible] Stroi. mat., izdel. i konstr. 2 no. 9:19-21 S '56.

BUILDING MATERIALS INDUSTRY
(see also subdivision under Kartlia)
Preparing collective farm building materials enterprises for winter. V. Nikiforov. Sel'. stroi. 11 no. 9:4-6 S '56.

BUILDING STONES see subdivision under Baku

BUILDING TRADES—STUDY AND TEACHING
At construction sites on collective farms. I. Slavuta. Prof.-tekh. obr. 13 no. 10:14 O '56.

BUILDINGS, FARM see Farm buildings

BUILDINGS, INDUSTRIAL see Industrial buildings

BUILDINGS, MUNICIPAL see Municipal buildings

BUILDINGS, PREFABRICATED see subdivision under Tetbury, England

BUILDINGS, PUBLIC see Public buildings

BUILDINGS, RESTORATION OF see subdivision 'Architecture—Conservation and restoration' under Kiev

BUKHARA—MOSQUES
Archaeological studies in the Magoki-Attari Mosque in Bukhara. V. A. Shishkin. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7:29-60 '55.

BUKHARA—SOILS
Characteristics of some soils on the right bank of the Bukhara Oasis. Kh. A. Abdullaev. Trudy SAGU no. 60: 87-100 '54.

BUKHTARMA HYDROELECTRIC POWER STATION
Dawn over the Irtysh. N. Zverev. Sov. Kazakh. 22 no. 8:100-108 Ag '56.

BULGARIA—AGRICULTURAL EDUCATION
Agricultural schools of Bulgaria. A. S. Radov. Vest. vys. shkoly 14 no. 10:46-47 O '56.

BULGARIA—AGRICULTURE, COOPERATIVE
Land ownership in Bulgarian producers' cooperatives. S. Stepanov. Vop. ekon. no. 10:66-80 O '56.

BULGARIA—BOGOMILES
"The Bogomiles in Bulgaria." D. Angelov. Reviewed by T. M. Sokolova. Viz. vrem. 10:199-202 '56.

BULGARIA—DESCRIPTION AND TRAVEL
In the people's Bulgaria. M. Gubel'man. Nov. vrem. 32 no. 46:22-25 N '56.

BULGARIA—ECONOMIC CONDITIONS
Achievements of the Bulgarian people in building socialism. L. N. Votykovych. Nauk. zap. Inst. ist. AN URSR 7:3-20 '56.
New day in Bulgaria. Tamara Dzherzheva. Ukraina no. 19:4-5 S '56.

BULGARIA—HISTORY
Bulgaria in the Balkan Alliance of 1912. A. K. Martynenko. Nauk. zap. Inst. ist. AN URSR 7:189-212 '56.
Byzantium's tax policy in Bulgaria in 1018-1185. G. G. Litavrin. Viz. vrem. 10:91-110 '56.
"History of Bulgaria," vol. I [in Bulgarian]. Reviewed by M. M. Freidenberg. Viz. vrem. 10:208-216 '56.

BULGARIA—INDUSTRIALIZATION
Bulgarian virgin soil. Smena 33 no. 17:13 S '56.

BULGARIA—MILITARY EDUCATION
Successes of the Bulgarian patriots. D. Kondov. Voen. znan. 31 no. 9:25 S '55.

BULGARIA—MOTION-PICTURE PLAYS
History lesson. O. Moiseev. Smena 33 no. 19:24 O '56.

BULGARIA—ORTHODOX EASTERN CHURCH
Third anniversary of the restoration of the patriarchate in Bulgaria. I. Khibarin. Zhur. Mosk. Patr. no. 8:64-65 Ag '56.

BULGARIA—PEASANTRY
The Bulgarian rural community in the 19th century. L. V. Markova. Kral. sbob. Inst. etn. no. 25:71-81 '56.
The peasant movement in Bulgaria in 1869-1900 and the rise of the Bulgarian People's Agricultural Union. I. N. Chastukhin. Vop. ist. no. 9:90-101 S '55.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA
In the people's Bulgaria. M. Gubel'man. Nov. vrem. 32 no. 46:22-25 N '56.

BULGARIA—SCHOOL HYGIENE
"Bulletin of the Institute of Physical Education and School Hygiene" [in Bulgarian]. Reviewed by S. E. Sovetov. Gig. i san. 21 no. 10:59-60 O '56.

BULGARIA—TOBACCO INDUSTRY
Our work experience. A. P. Pachov. Tabak 17 no. 3: 23-27 '56.

BULLDOZERS
Superpower bulldozer. V. Liubimtsev. Nauka i zhizn' 23 no. 10:52 O '56.

BUMBLEBEES
Pollination of red clover by bumblebees in the Komi A. S. S. R. L. M. Kupchikova. Trudy Komi fil. AN SSSR no. 2:83-90 '54.

BURDENKO, NIKOLAI NILOVICH, 1876-1946
Tenth anniversary of the death of Academician Nikolai Nilovich Burdenko. A. A. Arendt. Vop. neirokhir. 20 no. 5:3-7 S-O '56.

BUREYA BASIN—COAL GEOLOGY
Comparative analysis of results of the lithogenetic study of the Bureya, Chelyabinsk, and Kizel Basins. N. S. Gorodetskaia. Trudy Inst. geol. nauk no. 90:45-52 '47.

BURGOV FAMILY
The honor of the Burgov family. Al. Sadovskii. Smena 33 no. 21:5-6 N '56.

BURIAL see subdivision under Ushkalka

BURNS AND SCALDS
Treatment of thermal burns with immune serum [with summary in English, p. 160]. S. V. Skurkovich. Vest. khir. 77 no. 9:90-95 S '56.

BURSA OMENTALIS—ABSCESS
Diagnosis of abscesses of the omental bursa. N. B. Sitkovskii. Voen.-med. zhur. no. 7:85-86 Jl '56.

BURSITIS
Brucellar bursitis of the knee joint. I. I. Shushkovskii. Vest. khir. 77 no. 9:123-126 S '56.

BURYAT LANGUAGE—GRAMMAR
Bertagaev, T. A. [Grammar of the Buryat language] Grammatika buriat-mongol'skogo iazyka. [By] T. A. Bertagaev, M. N. Imekhenov, D. D. Dugar-Zhabon. [Ulan-Ude, 1954] (MIR)

BUS BARS, ELECTRIC see Electric bus bars

BUSES see Motorbuses

BUSY WORK see Education of children—Occupations and busy work

BUTADIENE
Catalytic dehydrogenation of hydrocarbons for the preparation of butadiene and isoprene. M. A. Dalin, A. Z. Shikhmamedbekova. Trudy inst. khim. AN Azerb. SSR 15:84-98 '56.
Plasticization of polyvinyl chloride by butadienenitrile co-polymer. Part 5. Investigations into the compatibility of the polymers in solutions [with English summary in insert]. S. S. Voiutskii, A. D. Zaionchkovskii, R. A. Roznikova. Koll. zhur. 18 no. 5:515-522 S-O '56.
Research in the field of conjugate systems. Part 67. Condensation of propargylic aldehyde with 2-halo- and 2-alkoxybutadienes. A. A. Petrov, N. P. Sopov. Zhur. ob. khim. 26 no. 9:2452-2457 S '56.
Study of the chemical structure of divinyl thermopolymers. A. I. IAkubchik, N. I. Sorokina. Zhur. ob. khim. 26 no. 9:2421-2425 S '56.
Synthesis of certain halide containing amino- and nitro derivatives of divinyl. L. M. Litvinenko, and others. Zhur. ob. khim. 26 no. 9:2524-2531 S '56.

BUTANE
Catalytic dehydrogenation of the isopentane fraction. IU. G. Mamedaliev, M. A. Dalin, T. I. Mamedov. Trudy Inst. khim. AN Azerb. SSR 15:105-118 '56.

BUTTOCKS—BLOOD SUPPLY
Anatomical surgical principles of ligation of the gluteal arteries [with summary in English, p. 159]. M. A. Serebrov. Vest. khir. 77 no. 9:54-60 S '56.

BUTYL ALCOHOL
Catalytic amination of organic compounds. Part 4. Amination of butyl alcohols. N. S. Kozlov, N. I. Panova. Zhur. ob. khim. 26 no. 9:2602-2604 S '56.

BUTYL PHOSPHATES
Determination of stability constants for $Th(NO_3)_x^{4-x}$ ions by extraction with tributyl phosphate. V. V. Fomin, E. P. Maiorova. Zhur. neorg. khim. 1 no. 8:1703-1712 Ag '56.

BY-PRODUCTS see Waste products

BYALOVEZHSKA PUSHCHA—BOTANICAL RESEARCH
Laboratories in a forest. B. Nikalaeu. Belarus' 13 no. 10:20 O '56.

BYCHKOV, FEDOR FEDOROVICH, 1895-1956
F. F. Bychkov; an obituary. Bum. prom. 31 no. 9:32 S '56.

BYSTRITSA NADVORNYANSKAYA VALLEY—POTASSIUM
Conditions of salt-bearing and potassium deposits in the Stryy-Bystritsa Nadvornyanskaya interfluve. S. M. Korenevskii. Vop. min. osad. obr. 3/4:241-251 '56.

BYSTRITSA NADVORNYANSKAYA VALLEY—SALT
Conditions of salt-bearing and potassium deposits in the Stryy-Bystritsa nadvornyanskaya interfluve. S. M. Korenevskii. Vop. min. osad. obr. 3/4:241-251 '56.

BYSTROVA, GALINA, 1934-
Galina Bystrova. V. Pukirev. Leg. atl. no. 9:9 S '56.

BYURAKAN—ASTRONOMICAL OBSERVATORIES
Astrophysical observatory at Byurakan. P. Kulikovskii. Ogonek 34 no. 41:29 O '56.

BYZANTINE EMPIRE—AGRICULTURE, COOPERATIVE
The nature and essence of the Byzantine commune according to the Agricultural Law. M. IA. Siuziumov. Viz. vrem. 10:27-47 '56.

BYZANTINE EMPIRE—FEUDALISM
"History of Byzantine feudalism" [in French]. G. Ostrogorski. Reviewed by A. P. Kazhdan. Viz. vrem. 10: 218-228. '56.

BYZANTINE EMPIRE—LAND TENURE
The development of feudal land tenure and the enslavement of the peasants in 10th century Byzantium. K. A. Ospova. Viz. vrem. 10:56-80 '56.
Features of feudal property in Byzantium during the 8th-10th centuries. A. P. Kazhdan. Viz. vrem. 10:48-65 '56.
Large-scale feudal land tenure in Byzantium in the 13th-15th centuries. B. T. Gorianov. Viz. vrem. 10:111-132. '56.

BYZANTINE EMPIRE—RURAL CONDITIONS
"Rural life in the Byzantine Empire" [in French]. Germaine Rouillard. Reviewed by A. IA. Gurevich. Viz. vrem. 10:229-235 '56.

BYZANTINE EMPIRE—SILK MANUFACTURE
Silk manufacture in Byzantium and Iran in the 4th century. N. V. Pigulevskaia. Viz. vrem. 10:3-6 '56.

BYZANTINE EMPIRE—TAXATION
Byzantium's tax policy in Bulgaria in 1018-1185. G. G. Litavrin. Viz. vrem. 10:81-110 '56.

BYZANTINE LITERATURE—HISTORY AND CRITICISM
Byzantine fable "Story of the quadrupeds" (14th century); artistic traits and language of the work. V. S. Shandrovskaia. Viz. vrem. 10:181-194 '56.

BYZANTINE STUDIES see subdivision under Istanbul

CABBAGE
Mel'nikova, N. L. [How to raise cabbage] Kak vyrastit' kapustu. Moskva, Ministerstvo prosveshchenila RSFSR, 1954. 13 p. (Shkol'naia biblioteka. M-48)
(DA)

CABBAGE—DISEASES AND PESTS
A new method for controlling summer cabbage maggots. E. N. Gabova. Trudy Komi fil. AN SSSR no. 2:183-185 '54.

CABLES, ELECTRIC see Electric cables; Telegraph cables; Telephone cables

CABLES, SUBMARINE
Transatlantic telephone cable. D. L. Sharle, R. M. Lakernik. Vest. elektroprom. 27 no. 3:72-75 Mr '56.

CABLEWAYS
Cableways for hauling lumber from water. P. I. Andreev. Les. prom. 34 no. 10:19-20 O '56.

CABS see subdivision 'Taxicabs' under Tallinn

CADMIUM
Electrolyte diffusion and the polarographic method. Diffusion coefficients of lead and cadmium ions in aqueous solutions containing various amounts of KCl and $KNO_3$ and $D_{C,h^+}$ in 0,1 M $H_2SO_4$. Verification of Shevchik's equation for maximum current of the oscillographic wave [with English summary in insert]. IA. P. Gokhshtein. Zhur. fiz. khim. 30 no. 7:1584-1590 Jl '56.

CADMIUM—SPECTRA
Effect of changes in the pressure of argon in electrodeless discharges on the reproduction of $Cd^{114}$ red line wave lengths. N. R. Batarchukova, G. B. Dubrovskii. Opt. i spektr. 1 no. 3:330-333 Jl '56.

CADMIUM-SILVER ALLOYS see Silver-cadmium alloys

CADMIUM SULFIDE
Correlation between the changes in electric conductivity and the redistribution of the electron density in cadmium sulfide crystals. IU. N. Shuvalov. Zhur. tekh. fiz. 26 no. 9:1870-1879 S '56.
Properties of cadmium sulfide photoresistors subjected to gamma and beta radiation. S. V. Svechnikov. Zhur. tekh. fiz. 26 no. 8:1646-1650 Ag '56.

CALCIFICATION
Cases of diffuse calcification of the lungs. IA. I. Kaminskii. Probl. tub. 34 no. 4:62-63 Jl-Ag '56.

CALCIUM—SPECTRA
Spectral determination of calcium in aluminosilicates. IA. E. Shmulinkovskii, S. N. Aleksandrov. Khim. i tekh. topl. no. 10:70-72 O '56.

CALCIUM CARBIDE
Removal of carbide slurry from settling basins at acetylene plants. A. S. Fainshtein. Energetik 4 no. 10: 22-23 O '56.

CALCIUM CHLORIDE
Separate method for preparing concrete and mortar mixtures made with calcium chloride agents. V. A. Burenin. Bet. i zhel.-bet. no. 10:349-350 O '56.

CALCIUM HYPOCHLORITE
Prophylaxis and treatment of animals with a calcium hypochlorite solution in infectious and parasitic kerato-conjunctivitis. A. Shishkin. Veterinariia 33 no. 11: 42-43 N '56.

CALCIUM SILICOPHOSPHATE
Effectiveness of calcium silicophosphates, a new type of phosphorus fertilizer. I. I Samoilov. Dokl. Akad. sel'khoz. 21 no. 10:3-8 '56.

CALCIUM SUPEROXIDE
Preparation of calcium superoxide. S. Z. Makarov, N. K. Grigor'eva. Zhur. neorg. khim. 1 no. 7:1607-1612 Jl '56.

CALCULATING MACHINES
Use of calculating machines in X-ray analysis. M. A. Porai-Koshits. Kristallografiia 1 no. 2:248-263 '56.

CALCULI
Case of thyroid calculus. N. F. Khokhlov. Probl. endok. i gorm. 2 no. 4:122-123 Jl-Ag '56.

CALENDAR, ECCLESIASTICAL see Church calendar

CALENDARS OF ANNIVERSARIES see Anniversary calendar

CALIBRATION
Calibrating optical pyrometers at high temperatures. V. E. Finkelshtein. Izm. tekh. no. 4:31-34 Jl-Ag '56.

CALIPERS
Improved marking gauges. N. S. Kuznetsov. Izm. tekh. no. 4:91-93 Jl-Ag '56.
Mechanization of controlling operations in the production of slide calipers. L. M. Semenova, A. P. Ponomarev. Stan. i instr. 27 no. 9:29-30 S '56.
Tokhvatullin, G. A. [A collection of problems in tolerances, clearances, and calibrations] Sbornik zadach po dopuskam, posadkam i kalibram. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 95 p. [MICROFILM]

CALLISTHENICS
Callisthenics of elderly people. L. Fediaeva. Rabotnitsa 34 no. 10:30 O '56.
Corrective callisthenics for younger pupils. A. M. Fel'dt and others. Izv. Akad. ped. nauk RSFSR no. 83: 21-48 '56.

CALLOSITIES
Treating dry calluses, warts and hyperkeratosis of the feet. B. M. Lytkin. Voen.-med. zhur. no. 7:84-85 Jl '56.

CALVES
Urmaliat, A. P. [Hints for calf breeders] Sovety teliatnitse. [Moskva] Moskovskii rabochii, 1955. 86 p. (Bibliotechka zhivotnovoda) (DA)

CAMBRIDGE, ENGLAND—ARTIFICIAL INSEMINATION—CONGRESSES
Third International Congress on the Reproduction of Farm Animals. A. V. Kvasnitskii, G. V. Parshutin, M. P. Kuznetsov. Zhivotnovodstvo 18 no. 10:75-80 O '56.

CAMBRIDGE, ENGLAND—ORIENTAL STUDIES—CONGRESSES
Twenty-third International Congress of Orientalists. Krat. soob. Inst. vost. no. 18:84 '56.

CAMBRIDGE, MASS.—ACOUSTICS—CONGRESSES
Second International Congress on Acoustics. L. M. Brekhovskikh. Vest. AN SSSR 26 no. 10:48-51 O '56.

CAMELS, FOSSILS see subdivision under Gornostayevka District

CAMPHENE
Mechanism of the heterogeneous catalytic isomerization of hydrocarbons on acidic catalysts. Part 3. Mechanism of the racemization of camphene on titanic acid. G. A. Rudakov, M. M. Sheiaeva. Zhur. ob. khim. 26 no. 9:2426-2433 S '56.

CAMPHOR
Comparative investigation of the effect of electroshock and camphor convulsive seizures on the higher nervous activity in dogs. I. M. Apter. Fiziol. zhur. [Ukr.] 1 no. 5:104-111 S-O '55.

CAMPING
(see also subdivision under Loo; United States)
Summer of Swedish youth. O. Andersson. Vokrug sveta no. 10:7-8 O '56.

CAMS
Designing the central section of cam path for trimming tools in cold upsetting automatic machines. A. I. Khripunov. Vest. mash. 36 no. 10:19-21 O '56.
Double cam mechanisms. L. A. Rotinian. Trudy TbIIZHT no. 22:310-336 '50.

CANADA—AGRICULTURE
Book on foreign agricultural practice ("What we saw in the U. S. A. and Canada." V. Matskevich. Reviewed by IA. B. Kogan). Priroda 45 no. 10:119-121 O '56.

CANADA—ATOMIC POWER INDUSTRY
Geography of the atomic industry of the U. S. A. and Canada. V. M. Gokhman. Izv. AN SSSR. Ser. geog. no. 3:50-62 My-Je '56.

CANADA—COAL MINES AND MINING—SAFETY MEASURES
Safety conditions, a matter of life and death. Vsem. prof. dvizh. no. 10:50 O '56.

CANADA—DISTILLING INDUSTRIES
Distilling industry of Canada in 1954 ("Alkohol-Industrie" 69 no. 5 1954). Spirt. prom. 22 no. 3:45 '56.

CANADA—FLYING MACHINES
Flying saucer. Tekh. mol. 24 no. 10:32 O '56.

CANADA—HYDROELECTRIC POWER STATIONS
Experience in separate concreting of the facing of an underwater tunnel during construction of a Canadian water power station. A. G. Boiko. Mekh. stroi. 13 no. 9:29-31 S '56.

CANADA—INVESTMENTS, AMERICAN
American monopolies and Canadian economics ("Canada's international investment position, 1926-1954." [in English]. Reviewed by IU. Andreev, IU. Dokuchaev). Nov. vrem. 14 no. 45:28-29 N '56.

CANADA—PEAT
Winning peat for litter in Canada. M. G. Bulynko. Ud. i ur. 1 no. 9:61-62 S '56.

CANADA—RELATIONS (GENERAL) WITH RUSSIA
Become acquainted and make friends with each other. A. A. Ishkov. Ogonek 34 no. 41:3 O '56.

CANADA—UKRAINIANS
[Sixty years of the Ukrainians in Canada; anniversary volume of the Ukrainian National Home in Winnipeg] Litopys Ukrains'ko-Kanadis'koho 60-littia; propamiatna knyha ukrains'koho narodnoho domu v Vinnipegu. Vinnipeg, 1951. 38 p.
[Ukrainian Canadian business and professional almanac for 1957] Kalendar-al'manakh Ukrains'kykh kanadits'kykh pidpryiemtsiv i profesionalistiv. Richnik III. 1957. Toronto, Nakl. Ob'iednannia ukrains'ko-kanadits'kykh pidpryiemtsiv i profesionalistiv Toronta [n. d.] 152 p.

CANADA (THE WORD)
Velyhors'kyi, Ivan. ["Canada" as a word and name] Slovo i nazva "Kanada." Vinnipeg, Nakl. Ukrains'koi vil'noi akademii nauk, 1955. 39 p. (Nazvoznavstvo, 10) English summary MH

CANALS see subdivision under Kirghizistan

CANCER
Effect of homologous and immune antibodies on rabbit Brown-Pearce tumor in tissue culture. M. S. Lomakin. Biul. eksp. biol. i med. 42 no. 9:40-44 S '56.
Moscow, TSentral'nyi institut sanitarnogo prosveshcheniia. [Materials for health education in the fight against cancer] Materialy dlia sanitarno-prosvetitel'noi raboty v bor'be protiv raka. Moskva, 1945. 26 p. (DAFM)
On the results of the tenth session of the Academy of Medical Sciences of the U. S. S. R. Vop. onk. 2 no. 4:387-390 '56.
"Present-day problems in oncology"; B series. Etiology and pathogenesis of malignant tumors. Reviewed by E. E. Pogosiants, IU. M. Vasil'ev. Vop. onk. 2 no. 4:490-'56.
The present-day state and the future of chemotherapy of cancer. L. F. Larionov. Khim. nauka i prom. 1 no. 4: 433-442 '56.
Savitskii, A. I. [Early detection of cancer and modern methods of treating it] Rannee raspoznavanie raka i sovremennoe ego lechenie. Moskva, Medgiz, 1956. 15 p. (DAFM)

CANCER—RESEARCH
The nervous system in tumorous processes; materials of the session of the Kiev Scientific Research Institute of Roentgenoradiology and Oncology. L. I. Koraneva i kyi, S. P. Syzenko. Fiziol. zhur. [Ukr.] 1 no. 6:130-135 S-O '55.

CANNED MEAT see Meat, Canned

CANNES—MOTION-PICTURE FESTIVALS
The Cannes festival. Isk. kino no. 9 [illegible]

CANNING AND PRESERVING
(see also subdivision under Bulgaria Vidin)
Combined continuous refrigerator and [illegible] tus for purée foods. A. A. Merkulov. Ref. nauch. rab. VNIIKOP no. 3:50-54 '55.
Lines of equipment for sulfitation and [illegible] fruit in canning. N. IA. Rabiner, D. [illegible] nauch. rab. VNIIKOP no. 3:37-50 '55.

CANNING AND PRESERVING—APPARATUS AND SUPPLIES
Filling machine for new variation of [illegible] appetizers and main vegetables. [illegible] A. Merkulov. Ref. nauch. rab. VNIIKOP [illegible]
Machine for washing canned cans. [illegible] khoz. 32 no. 10:32-34 O '56.
Testing of a machine for packing [illegible] Zverev, R. T. Oret. Ref. nauch. rab. [illegible] 17 '55.
Universal vegetable cutter. N. IA. [illegible] lov. Ref. nauch. rab. VNIIKOP no. [illegible]

CANS see Containers

CAPACITORS see Condensers (Electricity)

CAPILLARIES
Capillaroscopic observations in [illegible] L. O. Bulakhova. Fiziol. zhur. [Ukr.] [illegible] S-O '55.
Changes in skin temperature and [illegible] chronaximetric data in thrombophlebitis [illegible] ties [with summary in English, p. [illegible] va. Vest. khir. 77 no. 9:66-73 S '56.

CAPITALISM
Brogel', E. IA. [The myth of the "people's capitalism" Mif o "narodnom kapitalizme." Moskva, [illegible] nie," 1956. 47 p. (Vsesoiuznoe obshchestvo [illegible] straneniiu politicheskikh i nauchnykh [illegible] no. 45)
Golubnichii, I. S. [Development of capitalism [illegible] in industry; a lecture in a course on [illegible] Razvitie kapitalisticheskogo proizvodstva [illegible] nosti; lektsiia po kursu politicheskoi [illegible] Gos. izd-vo "Sovetskaia nauka," 1955. [illegible]
A Marxist generalization of the [illegible] proletariat ("History of the laboring [illegible] capitalism," 8 vols [in German]. Jürgen [illegible] Reviewed by N. A. Erofeev and [illegible] no. 9:140-153 S '56.
What is "people's capitalism"? V. [illegible] vop. trud. no. 71:43-51 '56.

CAR AXLES see subdivision under United States

CARBAZIC ACID
Bivalent cobalt complex compounds with [illegible] hydrazinecarboxylic acid. P. V. [illegible] Karkarashvili, L. D. TSitotshvili. [illegible] 1 no. 8:1731-1736 Ag '56.

CARBIDES
Variable-composition phases in the [illegible] M. A. Gurevich and others. Zhur. [illegible] no. 7:1578 Jl '56.

CARBOHYDRATES
Carbon-carbon derivatives of carbohydrates [illegible] Zhdanov. Usp. khim. 25 no. 9:1105-1117 S '56.
Enzymatic transformations of carbohydrates in [illegible] parts of potato tubers. T. T. Bolotina, A. S. [illegible] Dokl. AN SSSR 109 no. 6:1171-1173 Ag '56.
Separation and identification of plant [illegible] means of paper partition chromatography. [illegible] Bot. zhur. 41 no. 9:1309-1314 S '56.
Supplementary instructions for conducting [illegible] in the teaching program on carbohydrates. [illegible] Pol'tikhin, I. M. Soboleva. Khim. v shkole 11 no. 5 49-52 S-O '56.

CARBON—ISOTOPES
Concentrating the $C^{13}$ and $O^{18}$ isotopes in carbon monoxide by the thermal diffusion method [with English summary in insert]. O. M. Panchenkov, V. D. [illegible] Zhur. fiz. khim. 30 no. 7:1662-1667 Jl '56.

CARBON, ACTIVATED
Nature of the surface and sorptive properties of activated carbons. Part 2. Study of the effect of [illegible] tion and chemisorption of oxygen on the adsorptive properties of activated carbons with the use of [illegible] M. M. Dubinin, E. D. Zaverina. Izv. AN SSSR. Otd. khim. nauk no. 9:1038-1040 S '56.

CARBON BLACK
Influence of the chemical nature of carbon [illegible] properties of thermovulcanizates of the [illegible] polymers. N. N. Lezhnev, A. S. Kuz'minskii. Dokl. AN SSSR 110 no. 1:108-111 S-O '56.

CARBON BLACK (Continued)

Kel'tsev, V. V., and P. A. Tesner. [Carbon black; its properties, production and use] Sazha - svoistva, proizvodstva i primenenie. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1952. 170 p.

CARBON DIOXIDE

Absorption of carbon dioxide by potash solution in a foam bubble. I. G. Plit, K. N. Shishkin. Zhur. prikl. khim. 29 no. 9:1323-1329 S '56.

Electrophysiological investigation of the mechanism of chemoreception. Report no. 2: Modification of afferent impulses in intestinal nerves during the action of carbon dioxide and novocaine and during metabolic disorders induced by monoiodoacetic acid. N. A. Anikina. Biul. eksp. biol. i med. 42 no. 8:8-12 Ag '56.

Role of gases in vegetable and fruit storage. IU. V. Rakitin, A. V. Krylov, A. A. Kolesnik. Priroda 45 no. 10: 97-99 O '56.

Titration analysis of carbon dioxide of carbonates in sapropels. D. F. Sokolov, S. B. Kuden. Trudy Lab. sapr. oil. no. 6:65-68 '56.

Using carbonic acid for mixing beers. A. B. Kozorez. Spirt. prom. 22 no. 3:30 '56.

CARBON DIOXIDE—PHYSIOLOGICAL EFFECT

Characteristics of the physical stress of different elements of lessons in track athletics. N. P. Eremenko. Teor. i prak. fiz. kul't. 19 no. 9:661-663 '56.

CARBON MONOXIDE

Concentrating the $C^{13}$ and $O^{18}$ isotopes in carbon monoxide by the thermal diffusion method [with English summary in insert]. G. M. Panchenkov, V. D. Moiseev. Zhur. fiz. khim. 30 no. 7:1662-1667 Jl '56.

CARBON MONOXIDE—SPECTRA

Vibration and rotational absorption and emission spectra of heated carbon monoxide. K. P. Vasilevskii. Opt. i spektr. 1 no. 4:587-589 Ag '56.

CARBONATED WATERS

Production of carbonated water for heat treatment plants. A. M. Emel'ianova. Metallurg no. 10:32-35 O '56.

CARBONATES (MINERALOGY)

Feasibilities of using X-ray analysis of polycrystals in geological investigations. B. G. Erenburg. Izv. AN SSSR. Ser. fiz. 20 no. 7:764-769 Jl '56.

Recrystallization of carbonates. G. A. Kaleda. Vop. min. osad. obr. 2:209-214 '55.

CARCINOGENS

Blastomogenic action of liver extracts from children, newborn infants, and fetuses [with summary in English]. F. M. Khaletskaia. Vop. onk. 2 no. 4:405-408 '56.

CARD SYSTEM IN BUSINESS

More on card indexes. S. Magnetshtein, G. Cheratchkin. Sov. knizh. torg. no. 10:15 O '56.

My proposals. N. Shushanskii. Sov. knizh. torg. no. 10:13 O '56.

Our experience. A. Goncharenko. Sov. knizh. torg. no. 10:13-14 O '56.

What kind of card indexes should stores have? I. Shukhat. Sov. knizh. torg. no. 10:12 O '56.

CARDIAC GLYCOSIDES

Biological and ecological characteristics and distribution of some species of the treacle mustard (Erysimum) occurring in Azerbaijan [in Azerbaijani with summary in Russian]. M. A. Kasumov, D. A. Aliev. Uch. zap. AGU no. 11:51-57 '55.

Chemical composition of Georgian treacle mustard (Erysimum ibericum Adams.) occurring in Azerbaijan and the effect on the cardiovascular system of galenicals derived from it. R. K. Aliev and others. Uch. zap. AGU no. 4:27-38 '56.

Chemical composition of the herbage and roots of parsley, cultivated in Azerbaijan, and effect of parsley preparations on the cardiovascular system. R. K. Aliev and others. Uch. zap. AGU no. 12:53-62 '55.

CARDING MACHINES

Sobolev, G. A. [Structure and servicing of carding machines in linen manufacturing] Ustroistvo i obsluzhivanie chesal'nykh mashin l'nianoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 136 p.

CARDIOVASCULAR SYSTEM

Effects of the cerebral cortex on the cardiovascular system connected with imminent surgery. B. I. Teplov, E. A. Sokolova. Klin. med. 34 no. 9:41-47 S '56.

Function of deglutition, respiratory, and cardiovascular centers and its relation to the frequency of stimulation of the glossopharyngeal, superior laryngeal, and vagus nerves. G. IA. Prilima. Fiziol. zhur. 42 no. 8: 675-684 Ag '56.

CARDIOVASCULAR SYSTEM—DISEASES

Acute and chronic cardiovascular insufficiency. P. N. IUrenev. Med. sestra 15 no. 9:16-20 S '56.

Exercise therapy in cardiovascular diseases (work with patients). L. D. Koreva. Med. sestra 15 no. 9:24-25 S '56.

Functional state of the cardiovascular system in schoolchildren suffering from rheumatic fever. N. M. Zaitseva. Vop. okh. mat. i det. 1 no. 5:29-34 S-O '56.

Functional state of the thyroid in cardiovascular insufficiency; data on radioiodine uptake. E. V. Sul'e. Probl. endok. i gorm. 2 no. 4:27-31 Jl-Ag '56.

Prognostic significance of phlebotonometry in some diseases of the internal organs in horses. N. A. Zimogliad. Shor. trud. Khar'. vet. inst. 20:194-199 '49.

CARGO HANDLING

(see also subdivision under Norway)

Calculating the anchorage time of a vessel carrying cargoes for foreign trade. N. Fafurin. Mor. flot 16 no. 7:12-15 Jl '56.

Ways of improving transshipment operation techniques in sea ports. V. Ryzhov. Mor. flot 16 no. 7:15-17 Jl '56.

CARICATURES AND CARTOONS

Merry pages ("In a literary gallery" by I. Il'in. Reviewed by E. Min). Neva no. 10:194-195 O '56.

CARNALLITE

Solubility of water and of magnesium oxide in fused carnallite. IA. E. Vil'nianskii, N. P. Bakina. Zhur. prikl. khim. 29 no. 4:561-565 Ap '56.

CARNIVAL see subdivision under Moscow

CAROTENE

Deposition of carotene in the liver as affected by the use of Istisu mineral water. A. S. Gasanov, A. S. Abdullaev, S. F. Agakishibekova. Uch. zap. AGU no. 6:57-61 '55.

CAROTENOIDS

Physiological role of carotenoids in the reproductive organs of higher plants. N. V. Zinger, V. A. Poddubnaia-Arnol'di. Dokl. AN SSSR 110 no. 1:157-159 S-O '56.

CAROTENOIDS—THERAPEUTIC USE

Mechanism of the action of carotenoids and allied matter. S. D. Balakhovskii, N. N. Drozdova. Usp. sovr. biol. 42 no. 2:121-142 S-O '56.

CAROTID ARTERY

Three observations of abnormal location of the internal carotid artery in the pharynx. N. S. Kuznetsova. Vest. oto-rin. 18 n o. 5:120-121 S-O '56.

CAROTID BODY

Method of perfusing the carotid sinus and glomus caroticum (following isolation) for oscillographic studies of chemoreceptors of the sinus reflex zone. S. S. Krylov. Fiziol. zhur. 42 no. 8:723-727 Ag '56.

CAROTID SINUS

Method of perfusing the carotid sinus and glomus caroticum (following isolation) for oscillographic studies of chemoreceptors of the sinus reflex zone. S. S. Krylov. Fiziol. zhur. 42 no. 8:723-727 Ag '56.

Role of neuro-reflex mechanisms in the pathogenesis of a disease induced by the introduction of botulin toxin into the carotid sinus. M. M. Gromakovskaia. Biul. eksp. biol. i med. 42 no. 8:27-30 Ag '56.

CAROTID SINUS—INNERVATION

Certain characteristics of anemia induced by denervation of the carotid sinuses and the aorta. R. A. Durinian. Biul. eksp. biol. i med. 42 no. 9:15-20 S '56.

CARP see subdivision under Misyash, Lake

CARPATHIAN MOUNTAIN REGION—AGRICULTURE

Cultivation system for piedmont and mountain districts in the Carpathians. D. F. Likhvar'. Zemledelie 4 no. 10:10-16 O '56.

CARPATHIAN MOUNTAIN REGION—VOLCANIC ASH, TUFF, ETC.

Mineralogy of Tortonian tuff from the southeastern part of the Carpathian foothills. M. B. Ripun. Vop. min. osad. obr. 2:204-208 '56.

CARPATHIAN MOUNTAINS—BIRDS—GEOGRAPHICAL DISTRIBUTION

Ornithogeographical division of the Soviet Carpathians. F. I. Strautman. Dop. ta pov. L'viv. un. no. 4, pt. 2: 47-50 '53.

Role of river valleys in the distribution of plain bird species in the Soviet Carpathians. F. I. Strautman. Dop. ta pov. L'viv. un. no. 4, pt. 2:51-54 '53.

CARPATHIAN MOUNTAINS—BOTANY—ECOLOGY

New data on the dynamics of vegetation belts in the Carpathians and their role in the transformation of nature. P. D. IAroshenko. Dop. ta pov. L'viv. un. no. 4, pt. 2:24-26 '53.

CARPATHIAN MOUNTAINS—FORESTS AND FORESTRY

Master of a green treasure. O. Buzynnyk. Zmina no. 10:6-7, 22 O '56.

CARPATHIAN MOUNTAINS—GEOLOGY, STRUCTURAL

The main structural morphological features of the structure of the Soviet Carpathians. P. N. TSys'. Dop. ta pov. L'viv. un. no. 4, pt. 2:7-8 '53.

CARPATHIAN MOUNTAINS—PHYSICAL GEOGRAPHY

Development stages of the relief of the Soviet Carpathians. P. N. TSys'. Dop. ta pov. L'viv. un. no. 3, pt. 2:7-8 '52.

CARRYING WEIGHTS see Lifting and carrying

CARS (AUTOMOBILES) see subdivision 'Automobiles' under Czechoslovakia; France; Moscow

CARTOGRAPHY

(see also subdivision under India)

Cartographic research method and problems of division into fractional physical geographical regions. V. P. Lidov, L. E. Setunskaia. Vop. geog. no. 39:70-79 '56.

Egorov, N.I. [Plans and maps; a manual for geography teachers] Plan i karta; posobie dlia uchitelei geografii. Izd. 3-e, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 142 p. maps (in folder)

Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aerosʺemki i kartografii. [Book of cartographic type] Al'bom kartograficheskikh shriftov. Moskva, Izd-vo geodezicheskoi i kartograficheskoi lit-ry, 1956. 192 p. (Trudy, no. 109)

Methods of division into individual regions and regional types and their representation on maps. B. B. Rodoman. Vop. geog. no. 39:26-69 '56.

Representing settlements on school geography maps. T. M. Lapshina, S. N. Soldatov, M. B. Sukhodrev. Geod. i kart. no. 7:50-60 S '56.

Scales of a section of dry land relief in maps of the world atlas. T. N. Gunbina. Geod. i kart. no. 7:60-64 S '56.

CARTOGRAPHY—BIBLIOGRAPHY see Bibliography—Cartography

CARTRIDGES

Fastening wads in metallic cartridge cases. V. E. Okh. i okh. khoz. no. 10:46 O '56.

CASE HARDENING see Cementation (Metallurgy)

CASPIAN SEA—GRAY MULLET

Two years' experience in transporting young mullet from the Caspian to the Aral Sea. V. A. Mitiushkin.

CAST IRON—METALLURGY (Continued)

Obtaining overheated cast iron in cupola furnaces with magnesite lining and preheating of the blast. F. I. Smirnov. Lit. proizv. no. 4:10-13 O '56.

Preliminary working of cast iron (from "Iron and Coal Trades Review," no. 4598 '56). A. E. Netesin. Metallurg no. 10:40 O '56.

CAST IRON—TESTING

Hardness and microhardness of ferritic cast iron. K. I. Vashchenko, R. P. Todorov, P. A. Varenik. Lit. proizv. no. 4:18-23 O '56.

CASTING see Founding; Steel castings

CASTLES see subdivision under Ak-Tepe (Tashkent District)

CASTOR OIL—OPTICAL PROPERTIES

Birefringence of a liquid in the dynamic field of stress waves. S. N. Pen'kov. Opt. i spektr. 1 no. 1:77-84 My '56.

CATALASE

Comparative characteristics of the activity of blood catalase in different animals. S. S. Oganesian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9-14 S '56.

CATALOGING

Moscow. Gosudarstvennyi bibliotechnyi institut. [Descriptive cataloging. The alphabetical catalog] Opisanie proizvedenii pechati. Alfavitnyi katalog. Moskva, Izd-vo kul'turno-prosvetitel'noi lit-ry, 1956, 204 p.

CATALOGING—MANUSCRIPTS

Instructions for cataloging Russian documents of the 17th century (draft). E. E. Grnastrem. Sbor. [Len.] publ. bibl. no. 2:271-286 '54.

CATALOGS, BOOKSELLERS'

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Izdatel'stvo. [Classified list of publications planned for 1957; an order catalog] Tematicheskii plan izdanii na 1957 god; blank dlia zakazov. Alma-Ata, 1956. 57 p.

[Books in the Russian language.] Knigi na russkom iazyke V/O "Mezhdunarodnaia kniga" no. 15 '56. [MICROFILM]

[Musical literature.] Muzykal'naia literatura no. 23 '56.

[Musical literature; order blank.] Muzykal'naia literatura no. 24 '56.

Russia (1923- U.S.S.R.) Gosudarstvennoe izdatel'stvo tekhniko-teoreticheskoi literatury. [Information about books published in 1956] Informatsiia o knigakh, vykhodiashchikh v 1956 g. [Moskva] No. 3, [1956] (folder)

[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki); katalog dlia zakazok nos. 87, 95 '56.

Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu. Izdatel'stvo. [List of publications planned for 1956] Plan vypuska literatury na 1956 god. Moskva, 1955. 15 p.

CATALOGS, CARD

Printed cards of the V. I. Lenin Library. V. A. Vasilevskaia, E. N. Novikova. Sov. bibl. no. 43:26-32 '56.

Using printed cards. A. E. Rabin. Sov. bibl. no. 43: 54-63 '56.

"Visible file" card indexes. P. Kananov. Bibliotekar' no. 10:42-43 O '56.

CATALOGS, CLASSIFIED

An over-all classified catalog. T. M. Koliadko. Sov. bibl. no. 43:64-74 '56.

CATALOGS, COMMERCIAL see subdivision under Germany, East

CATALOGS, LIBRARY

Catalogs as the only reference and bibliographic aids in a library. G. V. Dlugach. Sov. bibl. no. 43:75-80 '56.

CATALOGS, UNION
(see also subdivision under Italy)

[Union list of new foreign books received by the largest libraries of the U.S.S.R. Series B: Social sciences.] Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v bibliioteki SSSR. Serlia B: Obshchestvennye nauki no. 2 '56.

CATALYSTS

Catalytic cracking of heavy distillate fractions of sulfur petroleums with aluminosilicates as catalysts. A. V. Agafonov, V. V. Krasivichev. Khim. i tekh. topl. no. 10: 1-11 O '56.

Conversions of hydrocarbons on metal catalysts at increased temperatures and hydrogen pressures. N. I. Shuikin. Uch. zap. AGU no. 8:23-36 '55.

Kinetic determination of bond energies as an approach to the theory of the selection of catalysts. Part 2. Comparison of results with chromia [with English summary in insert]. A. A. Balandin, A. A. Tolstopiatova. Zhur. fiz. khim. 30 no. 7:1636-1646 Jl '56.

Kinetics of the catalytic decomposition of hydrogen peroxide by the combined action of copper sulfate and potassium chromate [with English summary in insert]. G. A. Bogdanov, B. E. Rubinshtein. Zhur. fiz. khim. 30 no. 7:1473-1483 Jl '56.

Production of aluminum silicate bead-type catalysts at the Novokuybyshevsk Catalyst Plant. R. I. Skurko. Neftianik 1 no. 7:14-15 Jl '56.

Study of the reactions of acetic acid anhydride as affected by certain solid catalysts. Part 1. Conversion of the acetic anhydride and of its mixtures with water on S. V. Lebedev's catalyst. IU. A. Gorin, G. A. Sergicheva. Zhur. ob. khim. 26 no. 9:2444-2452 S '56.

The study of thermal and chemical activation of talc catalysts in synthesis involving CO and $H_2$. A. N. Bashkirov, F. I. Novak. Khim. i tekh. topl. no. 10:32-36 O '56.

Thermal disintegration of ethylene oxide and propylene oxide in the presence of certain oxide catalysts. S. N. Baranov, M. S. Malinovskii. Dop. ta pov. L'viv. un., no. 3, pt. 2:30-31 '52.

Using silver fillings as catalysts in the production of formalin. I. I. Kotska, A. A. Satler. Gidroliz. i lesokhim. prom. 9 no. 5:20-21 '56.

X-ray analysis of the correlation between the structure of palladium catalysts, the conditions of electric supply, and the heat treatment. V. D. Ruchkina. Izv. AN SSSR. Ser. fiz. 20 no. 7:761-763 Jl '56.

CATALYSTS—ANALYSIS

Quantitative determination of the action of various catalysts. G. P. Khomchenko. Khim. v shkole 11 no. 5:58-59 S-O '56.

CATALYSTS, ALUMINUM SILICATE

Electrochemical activation of aluminosilicate catalysts. S. P. Tevosov. Trudy Inst. khim. AN Azerb. SSR 15: 15-20 '56.

CATALYSTS, SILVER

Electric conductivity and catalytic activity of silver films. G. D. Liubarskii. Dokl. AN SSSR 110 no. 1:112-115 S-O '56.

CATALYSTS, ZINC

Catalytic properties of zinc oxide and zinc sulfide, as related to the luminescence of these compounds. L. N. Shekhter, I. A. Miasnikov, Z. IA. Pshezhetskii. Dokl. AN SSSR 109 no. 6:1163-1165 Ag '56.

CATAPHORESES see Electrophoresis

CATHEDRALS see subdivision under Vladimir

CATHODE RAY TUBES

Anomalous saturation in the emission of efficient thermocathodes. IA. P. Zingerman. Ukr. fiz. zhur. 1 no. 2:134-142 Ap-Je '56.

Cathode-ray tubes. E. Ovcharenko, R. Svoren'. Radio no. 9:49-52 S '56.

Conference on cathode electronics. IU. N. Ptushynskyi. Ukr. fiz. zhur. 1 no. 2:204-206 Ap-Je '56.

CATHOLIC CHURCH see subdivision under Königstein in Taunus, Germany

CATHOLIC CHURCH (BYZANTINE RITE), UKRAINIAN—CATECHISMS AND CREEDS

[Catechism for First Holy Communion] Katechysm Pershoho Sviatoho Prychastia. Ulozhyv o. Mykhailo Shchudlo, ChNI. Iorkton, Drukarnia Holosu Spasytelia. Vol. I, 1956. 64 p.

CATHOLICS see subdivision under Poland

CATIONS

Quantitative characteristics of the auxochrome activity of elements (cations). I. S. Mustafin, E. A. Kushkovskaia. Zhur. ob. khim. 26 no. 9:2381-2384 S '56.

CATTLE

Lumbar (girdle) epidural anesthesia in cattle. I. I. Magda. Sbor. trud. Khar'. vet. inst. 20:210-217 '49.

CATTLE—FEEDING AND FEEDING STUFFS

Be well prepared for wintering cattle. Sel'khoz. Povol. no. 9:3-6 S '56.

Experiment on the use of maximal rations of corn silage in fattening cattle. V. I. Nekrasova. Zhivotnovodstvo 18 no. 10:74 O '56.

Novikov, A. G. [Succulent feed for cows] Sochnye korma v ratsione korov. [Gor'kii] Gor'kovskoe kn-vo, 1953. 53 p. (DA)

CATTLE BREEDING see subdivision under Komi A. S. S. R.; Ukraine

CAUCASUS—GEOLOGY, STRATIGRAPHIC

History of the study of Cretaceous deposits of the northern slope of the southeastern Caucasus. M. M. Aliev, R. A. Aliev. Uch. zap. AGU no. 11:3-18 '55.

CAUCASUS—MAGNETITE

Magnetic tufaceous sandstones of the northeastern slopes of the Lesser Caucasus. S. M. Suleimanov, E. T. Bairamalibeili. Uch. zap. AGU no. 11:31-36 '55.

CAUCASUS—MOUNTAINEERING

In honor of the Spartakiada. A. M[illegible] 26 no. 10:34 '56.

CAUCASUS—PHYSICAL GEOGRAPHY

Division of the Caucasus into physical [illegible] regions. N. A. Gvozdetskii. A. E. [illegible] no. 39:130-150 '56.

CAUCASUS, NORTHERN—ALGAE

Study of terrestrial algae of the [illegible] Caucasus. M. A. Mitvienko. [illegible] 1363 S '56.

CAUCASUS, NORTHERN—ECONOMIC [illegible]

Development of productive forces [illegible] Caucasus during the sixth five [illegible] lov. Izv. AN SSSR. Ser. geog. [illegible]

CAUCASUS, NORTHERN—FROST

Circulation method of forecasting [illegible] Northern Caucasus. V. G. [illegible] Meteor. i gidrol. no. 9:30-31 [illegible]

CAUCASUS, NORTHERN—GEOLOGY, [illegible]

Main features of the geological [illegible] magmatic activity of the frontal [illegible] western Caucasus. A. A. Kuderskii [illegible] Gerts. 117:123-147 '56.

CAUCASUS, NORTHERN—GINSENG

Growing ginseng in the mountains [illegible] casus. A. A. Malyshev. Bot. [illegible] S '56.

CAUCASUS, NORTHERN—MANGANESE [illegible]

Sedimentary manganese ores of the [illegible] in the Northern Caucasus. S. I. [illegible] osad. obr. 3/4:227-232 '56.

CAUCASUS, NORTHERN—MOUNTAINEERING [illegible]

The camp of young Ukrainian [illegible] Tamara Horbuntsova, Kommunist [illegible] zhin. 11 no. 10:26 O '56.

CAUCASUS, NORTHERN—PHYSICAL [illegible]

Orographic division of the Greater [illegible] within the boundaries of Azerbaijan [illegible] Uch. zap. AGU no. 9:37-43 '55.

CAUSE, PROXIMATE see Proximate [illegible]

CAVERNOUS SINUS—DISEASES

Metastases of ovarial tumor simulating [illegible] the cavernous sinus. A. A. Kra[illegible] 18 no. 5:115-116 S-O '56.

CAVES see subdivision under Hungary [illegible]

CECUM—INNERVATION

Interoceptive effects from the [illegible] N. A. Miasoedova. Biul. eksp. biol. [illegible] S '56.

CEDAR see subdivision under Soviet Far East

CELANDINE

Accumulation of active substances in [illegible] nium majus). E. IA. Litukolenkova [illegible] 54-56 S-O '56.

CELLULOSE

Adsorption of carboxymethylcellulose [illegible] English summary in insert]. N. A. [illegible] Hen'kovskii. Koll. zhur. 18 no. [illegible] 1 '56.

Effect of aqueous prehydrolysis of [illegible] lose fibers obtained from it in the [illegible] F. I. Korchemkin. Zhur. prikl. khim. [illegible] 1442 S '56.

Investigation of the structure of cellulose by [illegible] ethanolysis. I. I. Korol'kov, V. I. [illegible] Garmanova. Dokl. AN SSSR 109 [illegible] '56.

Phase state of cellulose in oriented [illegible] Mikhailov, E. Z. Fainberg. Dokl. AN SSSR [illegible] 1160-1162 Ag '56.

Thermal conversion of cellulose into [illegible] form. V. I. Sharkov, O. A. Dobunk. [illegible] 29 no. 9:1411-1418 S '56.

CEMENT

Effect of Portland cement admixtures on the properties of gypsum. A. Chokhov. Stroi. mat. [illegible] 2 no. 9:32-33 S '56.

Effect of reducing substances in sulfite [illegible] the properties of plasticized cement. [illegible] Zhur. prikl. khim. 29 no. 4:486-489 Ap '56.

Water-resistant cement. Zhil.-kom. khoz. [illegible] '56.

CEMENT—TRANSPORTATION

Mechanized loading, transportation, and [illegible] cement abroad. P. M. Sankin. Mekh. stroi. [illegible] no. 10:29-32 O '56.

CEMENT INDUSTRIES
(see also subdivision under China)

Standard planning and introduction of new [illegible] L. Sherbaum. Stroi. mat., izdel. i konstr. [illegible] 4-7 S '56.

CEMENT INDUSTRIES--EQUIPMENT AND SUPPLIES
Additional press rollers for sheet-rolling machines. I. Bernei, B. Zaretskii. Strol. mat., izdel. i konstr. 2 no. 9:7-9 S '56.

CEMENT KILNS
Ways of increasing the efficiency and productivity of shaft furnaces for building materials. A. A. Voznesenskii. Prom. energ. 11 no. 8:15-19 Ag '56.

CEMENTATION (METALLURGY)
Cementation of steel in casting molds. E. N. Vorob'ev. Nauch. trudy NPI 30:137-142 '55.
Electrolytic sulfiding of steel and cast iron in aqueous solutions and fusions of salts. D. S. Lesnykh, M. S. Smovt, K. K. Moroz. Stan. i instr. 27 no. 9: 35-39 S '56.
Nitriding structural steel. E. M. Morozova, A. P. Skuzovatova. Stan. i instr. 27 no. 9:25-27 S '56.

CENSORSHIP OF THE PRESS see subdivision 'Liberty of th press' under Brazil

CENTRAL ASIA see Asia, Central

CENTRAL EUROPE—INDUSTRIES, PRIMITIVE
"Handbook on ancient prehistoric metallurgy of Central Europe" [in German]. Otto von Helmut, Wilhelm Witter. Reviewed by I. R. Selimkhanov. Izv. AN Azerb. SSR no. 9:101-102 S '56.

CENTRIFUGAL PUMPS
Operation of centrifugal pumps. P. S. Maksimuk. Sakh. prom. 30 no. 7:37-39 Jl '56.

CENTRIFUGES
Calculating the capacity of crystallizers and centrifugals for second massecuite. D. V. Gorban'. Sakh. prom. 30 no. 8:24-27 Ag '56.
Investigating the operation of electric drives for centrifugals. N. R. Frepon. Sakh. prom. 30 no. 7:19-23 Jl '56.
Production of improved design centrifuges. V. IA. Kamenetskii. Leg. prom. 16 no. 9:37-40 S '56.

CERAMIC MATERIALS
Modern methods for investigating ceramic materials. V. Fadeeva. Strol. mat., izdel. i konstr. 2 no. 9:20-22 S '56.

CERAMIC MATERIALS—ELECTRIC PROPERTIES
Characteristics of the temperature dependence of dielectric losses following the polarization of ionic compounds. N. P. Bogoroditskii, I. D. Fridberg. Zhur. tekh. fiz. 26 no. 9:1884-1890 S '56.
Electric field intensity dependence of dielectric losses in ceramic materials. I. E. Balygin, A. I. Obraztsov. Zhur. tekh. fiz. 26 no. 9:1917-1923 S '56.
Insulation, "aging" in ceramics at high temperatures. I. E. Balygin, K. S. Porovskii. Zhur. tekh. fiz. 26 no. 8:1714-1722 Ag '56.

CERAMICS
Ceramic MK tiles used for facing buildings in Kiev. N. A. Sakharova. Nov. v strol. tekh. no. 8:80-90 '56.
Efficient structural ceramics made of tripoli earth. K. V. Dazhuk, O. V. Cherepova. Nov. v strol. tekh. no. 9:4-44 '55.
Heating glass and ceramic vessels by semiconducting films. A. IA. Kuznetsov, A. V. Kruglova, B. P. Kryzhanovskii. Zav. lab. 22 no. 8:993-995 Ag '56.
Reasons for the formation of wavyness in the process of molding structural ceramics. S. P. Nichiporenko, S. A. Dikova. Nov. v strol. tekh. no. 8:73-79 '56.
Structural and mechanical properties of plastic ceramics. S. P. Nichiporenko. Nov. v strol. tekh. no. 8:60-72 '56.
Weatherproofness of ceramic facings. O. V. Cherepova, N. A. Sakharova, E. M. Golik. Nov. v strol. tekh. no. 8: 91-124 '56.

CEREBELLUM
Modification of cerebellar metabolism following x-irradiation. A. V. Golubtsova, E. V. Moiseenko, M. I. Sofronova. Biul. eksp. biol. i med. 42 no. 9:36-39 S '56.

CEREBRAL CORTEX
Changes in the conditioned reflex activity in dogs following extripation of the motor zone of the cerebral cortex. V. M. Kaufanov. Uch. zap. MGPI 84:3-16 '55.
Effect of bile retention in the organism on inhibition and excitation in the cerebral cortex in a dog. IA. V. Ilanitskyych. Fiziol. zhur. [Ukr.] 1 no. 4:5-14 Jl-Ag '56.
Effect of excision of the cerebral cortex on the biligenic function of the liver. A. V. Gubar, F. A. Oreshuk. Biul. eksp. biol. i med. 42 no. 9:11-14 S '56.
Effect of stimulation of the interoceptors on the chronaxy of the motor zone of the cerebral cortex. A. I. Karaev, A. A. Loginov. Fiziol. zhur. 42 no. 9: 752-757 S '56.
Effects of the cerebral cortex on the cardiovascular system connected with imminent surgery. S. I. Teplov, E. A. Sokolova. Klin. med. 34 no. 9:41-47 S '56.
Electrophysiologic research on the connection of the auditory and visual analysors in the presence of a dominant focus in the cerebral cortex in the rabbit. L. A. Novikova, D. A. Farber. Fiziol. zhur. 42 no. 5: 341-350 My '56.
Expression of the dynamics of neural processes on an electroencephalogram as related to the original functional state of the cerebral cortex. V. E. Maiorchik. Zhur. vys. nerv. deiat. 6 no. 4:612-620 Jl-Ag '56.
Modification of neural processes during the closure of temporary bonds. T. S. Naumova. Fiziol. zhur. 42 no. 8:695-703 Ag '56.
Psychic manifestations induced by electrical irritation of the cerebral cortex. U. Penfil'd. Zhur. vys. nerv. deiat. 6 no. 4:532-549 Jl-Ag '56.
Structural modifications of the cerebral cortex following intensive excitation according to electron microscopic data. L. S. Gol'din, V. N. Miasishchev. Zhur. vys. nerv. deiat. 6 no. 4:621-629 Jl-Ag '56.

CEREBRAL CORTEX—WOUNDS AND INJURIES
Possibility of isolated damage of the visual analysor of the first and second signal systems. S. N. Davidenkov, S. N. Dotsenko. Zhur. vys. nerv. deiat. 6 no. 4:525-531 Jl-Ag '56.

CEREBROSPINAL FLUID
Method for long-term measurement of intracranial pressure in animals. V. R. Purin. Vop. neirokhir. 20 no. 5:44-46 S-O '56.
"Spinal fluid." D. A. Shamburov. Reviewed by E. A. Kost. Lab. delo 2 no. 5:30-31 S-O '56.

CESAREAN SECTION
Comparative evaluation of a retrovesical and classical cesarean section. IA. N. Polonskii, N. V. Il'ina. Akush. i gin. 32 no. 4:24-28 Jl-Ag '56.
Labor after corporeal cesarean section. A. M. Tuganova. Akush. i gin. 32 no. 4:28-32 Jl-Ag '56.
Late results of a cesarean section. L. S. Persianinov. Akush. i gin. 32 no. 4:20-24 Jl-Ag '56.
Ten years of cesarean sections. L. V. IUr'eva. Akush. i gin. 32 no. 4:32-37 Jl-Ag '56.

CESIS DISTRICT—MUSIC
The pride of Cesis. Al. Morov. Sov. muz. 20 no. 10: 87-89 O '56.

CESIUM
Physical phenomena occurring near the negative electrode in arc discharges in cesium vapors. N. D. Morkulis, P. M. Marchuk. Ukr. fiz. zhur. 1 no. 1:59-72 '56.

CESIUM CHLOROCOBALTATE
Differential Fourier synthesis computed on electronic machines in order to redefine the structural parameters of nickel-amminothiocyanate and cesium chlorocobaltate (II) crystals. M. A. Porai-Koshits. Izv. AN SSSR. Ser. fiz. 20 no. 7:740-750 Jl '56.

CESIUM IODIDE
Luminescence of color centers in CsJ-Tl crystals. Z. L. Morgenshtern, I. P. Shchukin. Opt. i spektr. 1 no. 2:190-197 Je '56.

CEYLON
Ceylon. Blok. aglt. vod. transp. no. 19:39-46 O '56.

CHACO, SOUTH AMERICA—DESCRIPTION AND TRAVEL
In the Middle Chaco. I. Ganzelka, M. Zikmund. Vokrug sveta no. 10:34-36 O '56.

CHAIKOVSKII, PETR IL'ICH, 1840-1893
From V. Stasov's unpublished letters. Sov. muz. 20 no. 10:91-96 O '56.
"P. I. Chaikovskii's symphonies." IU. Kremlev. Reviewed by L. Danilevich. Sov. muz. 20 no. 9:146-149 S '56.

CHAIN-BELTING see Belts and belting

CHAINS
Wear resistance of a chain working in an abrasive medium. V. N. Kireev. Strol. i dor. mashinostr. 1 no. 10:10-14 O '56.

CHAKEL'MES HILLS—PALEONTOLOGY, STRATIGRAPHIC
Age of marine Paleozoic deposits of Chakel'mes Hills and in the vicinity of Kokpekty. V. P. Nekhoroshev. Inform. sbor. VSEGEI no. 2:24-29 '55.

CHAMBER MUSIC
Komitas Quartet. Sov. muz. 20 no. 9:112-113 S '56.

CHAMPAGNE (WINE)
Causes of champagne losses during clarification. N. F. Saenko, V. S. Malorov. Vin. SSSR 16 no. 5:11-17 '56.

CHANG TSO-CHIN, 1929-
Third generation railroad engineer. Kitai no. 10:34-35 O '56.

CHAO, SHU-LI
Writer of modern China. N. Fedorenko. Ogonek 34 no. 41:17-20 O '56.

CHAPLYGIN, SERGEI ALEKSEEVICH, 1869-1942
Golubev, V. V. [Sergei Alekseevich Chaplygin, 1869-1942; a biographical sketch] Sergei Alekseevich Chaplygin, 1869-1942; biograficheskii ocherk. [Otv. red. A. A. Kosmodem'ianskii] [Moskva] Izd-vo Moskovskogo univ., 1951. 53 p. (Zamechatel'nye uchenye, no. 13) (RPB)

CHASOV YAR—ALUNITE
Alunite concretions in the sand of the Chasov Yar deposits in the Donets Basin. L. I. Karinkin, I. N. Remizov. Vop. min. osad. obr. 3/4: 398-404 '56.

CHEBYSHEV, PAFNUTII L'VOVICH, 1821-189
Contemporary mathematical statistics and the Chebyshev series. V. S. Nemchinov. Uch. zap. po stat. 1:240-252 '55.

CHECKERS
A hundred squares. K. Barykin. Ukraina no. 18:32 S '56.

CHECKERS—TOURNAMENTS
(see also subdivision under Moscow)
All-Union tournament of "Spartak" members. I. Kuperman, V. Gorodetskii. Shakh. v SSSR 33 no. 9:285 S '56.

CHEESE
Coloring matter and paraffin coatings for cheese. P. F. Vediashkin. Trudy VNIIS no. 3:77-80 '55.
Degreased rapidly ripening cheese for melting. I. I. Klimovskii and others. Trudy VNIIS no. 3:67-72 '55.
Methods for the production of cheese pastes. K. S. Lebedeva, V. M. Ozerova, M. R. Gibshman. Trudy VNIIS no. 3:73-76 '55.
Rapid method for the production of Dutch-type cheeses. K. S. Lebedeva, I. I. Klimovskii, M. R. Gibshman. Trudy VNIIS no. 3:33-40 '55.
Rapidly ripening cheese for melting. I. I. Klimovskii. Trudy VNIIS no. 3:58-66 '55.

CHEESE—BACTERIOLOGY
Bacteriophage in mechanized cheese plants and measures for fighting it. M. R. Gibshman, N. N. Belousova. Trudy VNIIS no. 3:49-53 '55.
Lactic acid streptococci producing antibiotics and the effect of the latter on the milk-fermenting process during the cooking of cheese. M. R. Gibshman. Trudy VNIIS no. 3:54-57 '55.

CHEESE—STORAGE
Increased productivity of cheese plants as a result of keeping cheese for final ripening in an interplant cheese storehouse. A. M. Makar'in. Trudy VNIIS no. 3:81-85 '55.

CHEESE FACTORIES
Waste waters of cheese plants. L. G. Stepanova, D. I. Machtin. Trudy VNIIS no. 3:96-99 '55.

CHEESE FACTORIES—EQUIPMENT AND SUPPLIES
Continuous cheese maker. N. I. Selivanov. Trudy VNIIS no. 3:17-22 '55.
Portable mixer for cheese vats and kettles. D. F. Shakhov. Trudy VNIIS no. 3:86-89 '55.
"VNIIS" intermittent cheese maker. D. F. Shakhov, K. S. Lebedeva. Trudy VNIIS no. 3:23-32 '55.

CHEESE INDUSTRY
Acceleration and regulations of processes during the continuous flow production of cheese. A. P. Belousov. Trudy VNIIS no. 3:5-13 '55.
Foreword. Trudy VNIIS no. 3:3-4 '55.
Standard specification of losses and consumption of raw materials in the production of Chanakh cheese. D. I. Machtin. Trudy VNIIS no. 3:90-95 '55.

CHEESE INDUSTRY—PRODUCTION STANDARDS
Establishment of industrial standards for the production of Dutch cheese. I. N. Kozhevnikov. Trudy VNIIS no. 3: 41-48 '55.
Standard specification for the industrial process of cheese production using a continuous cheese maker. A. N. Korolev. Trudy VNIIS no. 3:14-16 '55.

CHEKHOV, ANTON PAVLOVICH, 1860-1904
Chekhov and progressive foreign literature. A. L. Grigor'ev. Uch. zap. Ped. inst. Gerts. 121:3-42 '55.
Stylistic analysis of A. P. Chekhov's play "The three sisters." N. P. Liul'ko. Uch. zap. Len. un. no. 198: 125-162 '56.
Two solutions of one theme. B. Meilakh. Neva no. 9: 184-188 S '56.

CHEKMENEV, N.
"Semirech'ye," a novel by N. Chekmenev. Dzh. Umetov. Trudy Inst. ist. AN Kir. SSR no. 2:97-108 '56.

CHELYABINSK—TRACTOR INDUSTRY
Generous soul. Martia Orlova, Lida Rechvina. Rabotnitsa 34 no. 10:4-5 O '56.

CHELYABINSK BASIN—COAL GEOLOGY
Comparative analysis of results of the lithogenetic study of the Bureya, Chelyabinsk, and Kizel Basins. N. S. Gorodetskaia. Trudy Inst. geol. nauk no. 90:45-52 '47.

CHELYABINSK BASIN—COAL MINES AND MINING

Ponomarev, I.P. [Mine construction in Chelyabinsk Basin conditions] Stroitel'stvo shakht v uslovilakh Cheliabinskogo basseina, Moskva, Ugletekhizdat, 1956. 122 p.

CHELYABINSK PROVINCE—BIBLIOGRAPHICAL EXHIBITIONS

Exhibition of technical books at a factory. V. Peshkova. Bibliotekar' no. 11:20-21 N '56.

CHELYABINSK PROVINCE—RETAIL TRADE—ACCOUNTING

Consolidation of stores has improved economic indices. L. Naumov. Sov. torg. no. 9:33-34 S '56.

CHEMICAL APPARATUS

Classroom demonstrations for the course "Processes and apparatus of chemical works." V. N. Stabnikov. Vest. vys. shkoly 14 no. 10:37-39 O '56.

New chemical apparatus. M. L. Teterin. Khim. v shkole 11 no. 5:79-80 S-O '56.

Technical conference on safety measures against explosions during the operation of air-fractionating apparatus. Khim. prom. no. 5:318 Jl-Ag '56.

CHEMICAL COMPOSITION OF THE EARTH see Geochemistry

CHEMICAL ENGINEERING—APPARATUS AND SUPPLIES

Efficiency coefficient of chemical apparatus as a function of the rate of flow of materials and of the coefficient of the rate of chemical, diffusive, and thermal processes. M. E. Pozin. Zhur. prikl. khim. 29 no. 9: 1336-1346 S '56.

A useful book ("Foam method for processing gases and liquids." M. E. Pozin and others. Reviewed by S. IA. Koretov). Gidroliz. i lesokhim. prom. 9 no. 5:31 '56.

CHEMICAL ENGINEERING LABORATORIES

Work of central laboratories in enterprises of the nitrogen industry. I. D. Fotinich. Khim. prom. no. 5: 295-296 Jl-Ag '56.

CHEMICAL INDUSTRIES

(see also subdivision under France; Oswiecim; Poland)

Twenty-fifth anniversary of Voskresensk Chemical Combine. M. A. Sveshnikov, A. M. Andreichenko. Khim. prom. no. 5:297-298 Jl-Ag '56.

CHEMICAL INDUSTRIES—PRODUCTION STANDARDS

Production standards research in the chemical industry. V. Anchugov. Khim. prom. no. 5:315-317 Jl-Ag '56.

CHEMICAL LABORATORIES

Exhaust system for the demonstration of experiments with toxic gases. V. I. Levashov. Khim. v shkole 11 no. 5:56-57 S-O '56.

I. I. Gapon's book "Organization of plant chemical laboratories." Reviewed by P. I. Voskresenskii. Zav. lab. 22 no. 8:1006-1008 Ag '56.

CHEMICAL TESTS AND REAGENTS

Ways and methods for saving reagents. I. S. Salikhov. Neftianik 1 no. 8:4-6 Ag '56.

CHEMISTRY

D. I. Mendeleev All-Union Chemical Society. Khim. nauka i prom. 1 no. 4:478-480 '56.

Glinka, N.L. [General chemistry] Obshchaiai khimiia. Izd. 8-oe. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 732 p.

A good textbook ("Chemistry." S. A. Balezin, B. A. Pavlov. Reviewed by V. S. Kemkhadze, A. E. Loginov, V. A. Khitrov. Khim. v shkole 11 no. 5:74-76 S-O '56.

Interesting book ("Stories on invisible substances." IU. V. Khodakov. Reviewed by S. D. Davydov). Khim. v shkole 11 no. 5:73-74 S-O '56.

From the Committee on Chemical Nomenclature of the Department of Chemical Sciences of the Academy of Sciences of the U. S. S. R. Zhur. fiz. khim. 30 no. 7: 1684-1686 Jl '56.

From the Committee on the Nomenclature of Chemical Compounds in the Department of Chemistry of the Academy of Sciences of the U. S. S. R. Izv. AN Azerb. SSR no. 9:97-100 S '56.

Nomenclature of chemical compounds. Zav. lab. 22 no. 8:1016 Ag '56.

CHEMISTRY—STUDY AND TEACHING

Acquainting students with principles of chemical production during excursions. G. G. Tavlinova. Khim. v shkole 11 no. 5:64-69 S-O '56.

My experience in organizing a club's activity. E. A. Buzhinskaia. Sred. spets. obr. no. 11:43-45 N '55.

Notebooks on chemistry. T. P. Komova. Khim. v shkole 11 no. 5:69-70 S-O '56.

Practical studies of students in a plant chemical laboratory. N. F. Berezina, Z. V. Popova, A. I. Solodennikov. Khim. v shkole 11 no. 5:62-63 S-O '56.

CHEMISTRY, ANALYTICAL

Beskov, S.D., and O.A.Slizkovskaia. [Analytical chemistry; qualitative and quantitative analysis] Analiticheskaia khimiia; kachestvennyi i kolichestvennyi analiz. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 580 p., illus.

Brief news. Zav. lab. 22 no. 8:922 Ag '56.

Development of the electrographic method of analysis. R. A. Irkovskii. Zav. lab. 22 no. 8:898-904 Ag '56.

Using micro-organisms in chemical analysis. N. G. Polianskii. Priroda 45 no. 11:83-84 N '56.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—CONGRESSES

Resolution of the 3d All-Union Conference on Physicochemical Analysis. Zhur. neorg. khim. 1 no. 7:1579-1582 Jl '56.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Babko, A. K., and I. V. Piatnitskii. [Quantitative analysis] Kolichestvennyi analiz. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 736 p.

Exact method of quantitative determination of pyramidone. N. P. IAvorskii, IU. F. Romaniuk. Apt. delo 5 no. 5:27-30 S-O '56.

Method for a quantitative determination of saponin derived from horse chestnut. O. P. Mel'nichuk. Apt. delo 5 no. 5:35-37 S-O '56.

Quantitative analysis method for determining bismuth in various combinations and drugs; report no. 1. M. B. Shigol'. Apt. delo 5 no. 5:24-27 S-O '56.

Quantitative determination of duotal. A. I. Gengrinovich, IA. K. Kadyrov. Apt. delo 5 no. 5:58-59 S-O '56.

Quantitative determination of histidine hydrochloride. G. IA. Khait. Apt. delo 5 no. 5:59 S-O '56.

Quantitative microdetermination of furacillin in 1: 5000 solutions. P. D. Shvartsman. Apt. delo 5 no. 5:41 S-O '56.

CHEMISTRY, BIOLOGICAL see Biochemistry

CHEMISTRY, INORGANIC—STUDY AND TEACHING

Studies on the inorganic chemistry of preparations and their role in the professional training of students. A. D. Smirnov. Uch. zap. Ped. inst. Gertz. 124:149-165 '56.

Using the topics of the 20th Congress of the Communist Party of the Soviet Union in chemistry classes. A. S. Virakhovskii. Khim. v shkole 11 no. 5:16-26 S-O '56.

Physical chemistry and the strength [illegible] Likhtman. Vest. AN SSSR 26 no. 9:[illegible]

Present theory of the chemical compound [illegible] fundamental laws in chemistry. II. [illegible] neorg. khim. 1 no. 7:1457-1473 Jl '56.

Standard method of simplified [illegible] tions. I. N. Golovastikov. Leg. prom. [illegible] S '56.

Theory of daltonides and berthollides. [illegible] Zhur. neorg. khim. 1 no. 7:1569-1585 [illegible]

CHEMISTRY, PHYSICAL AND THEORETICAL—CONGRESSES

Resolution of the Conference on the [illegible] Concept of the Chemical Compound, [illegible] the committee composed of: [illegible] D. A. Petrov, V. I. Mikheeva, [illegible] rov, B. V. Nekrasov, G. B. Bokii, V. [illegible] and approved by the majority of [illegible] neorg. khim. 1 no. 7:1507-1508 Jl '56.

CHEMISTRY, PHYSIOLOGICAL see [illegible]

CHEMISTRY, TECHNICAL

Tasks in the development of applied [illegible] the decisions of the 20th Congress of [illegible] Party of the Soviet Union. V. S. [illegible] khim. 29 no. 4:481-495 Ap '56.

CHEMISTRY, TECHNICAL—CONGRESSES see [illegible] division under Banska Stavnica, [illegible]

CHENOPODIUM OIL

Chenopodium oil as an anthelminthic [illegible] Bud'ko. Voen.-med. zhur. no. 7:80 [illegible]

CHEREPOVETS—NEWSPAPER AND [illegible] LATION

We dissipate many working hours. [illegible] pech. no. 9:15 S '56.

CHERKASSY PROVINCE—VITICULTURE

Viticulture on collective farms of [illegible] M. I. Panasiuk. Vin. SSSR 16 no. 5:[illegible]

CHERNIGOV PROVINCE—DRAINAGE

Meshchera in Polesye. Mykola Romaniia [illegible] no. 10:10-11 S '56.

CHERNOBYL'—SCHOOL SUPERINTENDENTS AND PRINCIPALS

Systematic supervision over the quality [illegible] school principals. M. A. IAkymenko [illegible] no. 10:20-24 O '56.

CHERNOVTSY PROVINCE—STOCK AND [illegible]

Kompaneis, I. D. [Expansion of animal [illegible] Chernovtsy Province] Zhivotnovodstvo [illegible] oblasti na pod"eme. Moskva, Gos. [illegible] lit-ry, 1956. 30 p. (DA)

CHERNOZEM SOILS

Results of using geobotanical methods [illegible] investigations in Chernozem regions. [illegible] and others. Trudy VAGT no. 1:61-76 [illegible]

CHERNOZEM SOILS—IRRIGATION FARMING

Akademiia nauk SSSR. Institut fiziologii rastenii. [illegible] tion of agricultural crops in the central [illegible] region of the R.S.F.S.R.; a collection of [illegible] shenie sel'skokhoziaistvennykh kul'tur v [illegible] chernozemnol polose RSFSR; sbornik rabot. [illegible] No. 2. 1956. 410 p.

CHERRY

Effect of mineral fertilizers on the yield [illegible] V. V. Malychenko. Ud. i ur. 1 no. 8:28-32 [illegible]

Individual variability in Podbel'skaya [illegible] Kolesov. Ref. nauch. rab. VNIIKOP [illegible]

CHESS

(see also subdivision under Ukraine)

Championship of the "Burevestnik" [illegible] A. Magergut. G. Fridshtein. Shakh. v [illegible] 311-312 O '56.

Collection on tournaments ("Twenty seventh championship of the U. S. S. R." Reviewed by [illegible] Shakh. v SSSR 33 no. 10:313-315 O '56.

Ol'ga Rubtsova, world champion. Ogonek [illegible] 30 S '56.

Our peaceful chess games. F. Rogard. [illegible] 33 no. 9:258-259 S '56.

Two games of Alekhin. S. Flohr. Ogonek [illegible] O '56.

[U. S. S. R. chess code] Shakhmatnyi kodeks [illegible] 7-oe. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 30 p.

What move would you choose? Zmina [illegible]

CHESS—CONGRESSES see subdivision under [illegible]

CHESS—END GAMES

Games and endings. Shakh. v SSSR 33 [illegible] '56.

Games and endings. Shakh. v SSSR 33 [illegible] O '56.

CHESS—END GAMES (Continued)
Theory of rook endings. G. Levenfish. Shakh. v SSSR 33 no. 9:272 S '56.
Two endings from the tournament in Zagreb. V. Vukovich. Shakh. v SSSR 33 no. 9:272-273 S '56.

CHESS—MIDDLE GAMES
Art of defense in Alekhin's games. A. Kotov. Shakh. v SSSR 33 no. 10:293-297 O '56.
Games and endings. Shakh. v SSSR 33 no. 10:303-308 O '56.

CHESS—OPENINGS
Marginal notes ("The Meran variation." B. Vainshtein. Reviewed by L. IAkovleva). Shakh. v SSSR 33 no. 10: 315 O '56.
What's new in the theory of openings. L. Shamkovich. Shakh. v SSSR 33 no. 10:299-302 O '56.

CHESS—TOURNAMENTS
(see also subdivision under Belgrade; Kirovograd Province; Leningrad; Marienbad, Czechoslovakia; Moscow; Prague; Rostov-on-Don; Tajikistan; Ukraine; Ulan Bator)
The cup stays in Moscow. S. Flohr. Ogonek 34 no. 40: 30 S '56.
"Smena chess tournament. Smena 33 no. 18:24 S '56.
Tournament in Tallinn. A. Suetin. Shakh. v SSSR 33 no. 9:275-276 S '56.
Tournament of nations. M. IUdovich. Fizk. i sport 26 no. 10:28 '56.
Tournaments by correspondence. Shakh. v SSSR 33 no. 9:283-284 S '56.
Youth goes forward. I. Berezin. Shakh. v SSSR 33 no. 9:277-278 S '56.

CHESS CLUBS see subdivision under Moscow

CHESS PROBLEMS
(see also subdivision under Uzbekistan)
A. Troitskii's unpublished study. V. Korol'kov. Shakh. v SSSR 33 no. 10:319-320 O '56.
Competition in three-move problems, 1955. Shakh. v SSSR 33 no. 9:286 S '56.
A study with remarks. A. Gerbstman, V. Korol'kov. Shakh. v SSSR 33 no. 9:287 S '56.
Three hundred and twelve compositions. Shakh. v SSSR 33 no. 10:318-319 O '56.

CHEST—RADIOGRAPHY
Diagnostic value of tomography of the mediastinum and the lung root in tuberculosis in adults. IU. L. Gamperis. Probl. tub. 34 no. 4:37-40 Jl-Ag '56.

CHEST—SURGERY
Changes in the thoracic wall in extrapleural oleothorax. M. A. Kastornaia. Probl. tub. 34 no. 3:64-65 My-Je '56.
Expediency of anesthesia in cautery of pleural adhesions. N. L. Shinder. Probl. tub. 34 no. 3:52-54 My-Je '56.
Methods of thoracoplasty for collapsing lower lobe cavitations. A. M. Dykhno. Probl. tub. 34 no. 3:49-51 My-Je '56.
Modification of the operation for cauterizing adhesions; a preliminary report. A. E. Podgainyi. Probl. tub. 34 no. 3:67 My-Je '56.
Modification of two-stage apical dilated thoracoplasty. P. A. Mkheidze. Probl. tub. 34 no. 3:45-47 My-Je '56.
Modified endoscope with a spatula for extrapleural pneumonolysis. IU. G. Tarapon. Probl. tub. 34 no. 3: 69 My-Je '56.
Study of the respiratory function in surgery for pulmonary tuberculosis. D. D. Asoev, G. I. Kositskii, S. M. Stributs. Probl. tub. 34 no. 3:55-63 My-Je '56.
Thoracoplasty in the treatment of pulmonary tuberculosis and postoperative complications. K. M. Buzin. Probl. tub. 34 no. 3:47-49 My-Je '56.

CHIATURA—MANGANESE ORES
Open track for Chiatura manganese. I. Moskhi. Ogonek 34 no. 44:4 O '56.

CHILD PSYCHIATRY
"Clinical lectures in child psychiatry," G. E. Sukhareva. Reviewed by N. N. Timofeev, I. F. Sluchevskii. Zhur. nevr. i psikh. 56 no. 9:763-764 '56.
Review of foreign literature on child psychiatry published during the last 10 years. K. A. Novlianskaia. Zhur. nevr. i psikh. 56 no. 9:757-763 '56.

CHILD WELFARE
Russia (1917- R.S.F.S.R.) TSentral'nyi nauchno-metodicheskii kabinet detskikh domov. [Handbook on child welfare; for workers in public education divisions] Spravochnik po voprosam okhrany detstva; dlia rabotnikov otdelov narodnogo obrazovaniia. Izd. 3-e, perer. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 226 p.

CHILDREN see subdivision under China

CHILDREN—CARE AND HYGIENE
Body conditioning in schoolchildren. G. Sal'nikova. Sov. kras. kreat. 6 no. 5:30 S-O '56.
Our tomorrow. Sov. zhen. 12 no. 11:14 N '56.
State of health and organization of medical services to children at a rural medical section. A. A. Gromkovskaia and others. Vop. okh. mat. i det. 1 no. 5:77-80 S-O '56.

CHILDREN—CARE AND HYGIENE—BIBLIOGRAPHY see Bibliography—Children—Care and hygiene

CHILDREN—DISEASES
Blood transfusion to children in a rural district hospital. I. G. Danilitsk. Vop. okh. mat. i det. 1 no. 5:85-88 S-O '56.
Infectious diseases of children. M. A. Zhukovskii. Nauka i zhizn' 23 no. 10:25-26 O '56.
Nervous children. D. Orlova. Zdorov'e 2 no. 10:30 O '56.
Scientific conference devoted to problems of the physiology and pathophysiology of higher nervous activity in children. M. A. Fadeeva. Vop. okh. mat. i det. 1 no. 5: 94-95 S-O '56.

CHILDREN—EDUCATION see Education of children

CHILDREN—EXHIBITIONS
(see also subdivision under Kiev)
Children's technical works; photos by V. Khramtsov. Pioneriia 33 no. 10:26-27 O '56.

CHILDREN—HOSPITALS AND ASYLUMS
(see also subdivision under Lipetsk)
Manannikova, N. V. [Organization of child care in consolidated children's hospitals] Organizatsiia obsluzhivaniia detei v ob"edinennoi detskoi bol'nitse. Moskva, Medgiz, 1955. 96 p. (Biblioteka vracha-organizatora. Leksii po organizatsii zdravookhraneniia dlia vrachei. Organizatsiia lechebno-profilakticheskoi pomoshchi zhenshchinam i detiam, leksiia 7) (DAFM)

CHILDREN—MANAGEMENT
Developing qualities of the will. Sem'ia i shkola 11 no. 11:20-21 N '56.
Happy childhood doesn't mean idleness. T. Panfilova. Rabotnitsa 34 no. 10:27-28 O '56.
Popular wisdom on education. B. Aleksandrov. Sem'ia i shkola 11 no. 11:3-4 N '56.
The Semenov family. G. Akulenko. Krest'ianka 35 no. 11:23-24 N '56.
A sense of social obligation. Sem'ia i shkola 11 no. 11: 1-2 N '56.
They forgot about IUra. M. Dubianskaia. Vozhatyi 32 no. 10:19-20 O '56.
Training children in obedience and discipline. T. Iubenko. Dosh. vykh. 17 no. 10:8-11 O '56.

CHILDREN—NUTRITION
Cooking for children. Sem'ia i shkola 11 no. 11:36 N '56.
Kiseleva, V. B. [Cooking for children; a book for mothers on the preparation of food for children] Detskaia kukhnia; kniga dlia materei o prigotovlenii pishchi detiam. Pod red. lit-ry, Leningradskoe otd-nie, 1956. 174 p.

CHILDREN, ABNORMAL AND BACKWARD
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut defektologii. [Principles governing the selection of students for auxiliary schools] Printsipy otbora detei vo vspomogatel'nye shkoly. Pod red. G. M. Dul'neva i A. R. Lurlia. Moskva, 1956. 200 p.

CHILDREN'S LIBRARIES see subdivision 'Libraries, Children's' under Moscow

CHILDREN'S LITERATURE
For the international youth festival in Moscow. S. Burmistrova. Nach. shkola 24 no. 11:53-56 N '56.
A genre loved by children. L. Zhukhovitskii. Sem'ia i shkola 11 no. 11:31-32 N '56.

CHILDREN' LITERATURE—HISTORY AND CRITICISM
Dom detskoi knigi, Moscow. [V. G. Belinskii, N. G. Chernyshevskii, and N. A. Dobrolubov on children's literature] V. G. Belinskii, N. G. Chernyshevskii, N. A. Dobrolubov o detskoi literature. [Sost. sbornika S. Shillogodskii.] Moskva, Detgiz, 1954. 200 p. (NN)
Gay and instructive. S. Baruzdin. Doshk. vosp. 20 no. 10:45-47 O '56.
Positive heroes of children's books. Mykhailo Ostryk. Dnipro 30 no. 11:100-107 N '56.

CHILDREN'S PERIODICALS
Our young friend "Koster," Neva no. 10:196 O '56.

CHILDREN'S POETRY—HISTORY AND CRITICISM
Good books for children! I. Frolov. Sib. ogni 36 no. 4: 183-186 Jl-Ag '56.

CHINA—AERONAUTICS—FLIGHTS
Flight to Lhasa. Kitai no. 8:2-3 Ag '56.

CHINA—AERONAUTICS, COMMERCIAL
My fate. Pien Jen-k'eng. Grazhd. av. 13 no. 9:36-37 S '56.

CHINA—AGRICULTURAL MACHINERY
Mechanized cultivation of rice fields. Kitai no. 8: 4 Ag '56.

CHINA—AGRICULTURAL MACHINERY INDUSTRY
From manual work to machines. Kitai no. 8:14-15 Ag '56.

CHINA—AGRICULTURE, COOPERATIVE
Telephone on a cooperative farm. Kitai no. 10:16-17 O '56.
Victory of the cooperative movement in agriculture. Ch'i An. Nar. Kit. no. 17:3-7 S '56.

CHINA—ARMY
The role of the People's Liberation Army in the economic construction of the outlying districts of the Chinese People's Republic during 1950-1955, using Sinkiang as an example. A. G. IAkovlev. Krat. soob. Inst. vost. no. 21:64-70 '56.

CHINA—ATHLETES
Chinese athletes prepare for Olympic games. Nar. Kit. no. 17:37 S '56.

CHINA—BIBLIOGRAPHY—LAW
Legal literature in the people's democracies; Chinese legal literature (1955). Sov. gos. i pravo no. 8:154-156 '56.

CHINA—BUILDING
The people build. M. Marfin. Mol. kolkh. 33 no. 9:11-13 S '56.

CHINA—CEMENT INDUSTRIES
Cement. Kitai no. 10:18-19 O '56.

CHINA—CHILDREN
Children in People's China. M. Marfin. Vozhatyi 33 no. 10:34-36 O '56.

CHINA—CLOISONNÉ
Cloisonné. IU. Seradskii. Ogonek 34 no. 41:24 O '56.

CHINA—COAL MINING MACHINERY
Effect on the power required of thinning the cutter chain of the "Donbass-1" cutter-loader and the KMP-1 cutting machine. Tao Ting-hsu and others. Ugol' 31 no. 9: 38-40 S '56.

CHINA—COMMERCE
The sooner the better. Nov. vrem. 14 no. 45:16-17 N '56.

CHINA—COMMUNIST PARTY
The agrarian policy of the Chinese Communist Party during the third revolutionary civil war, 1946-1949. V. I. Glunin. Krat. soob. Inst. vost. no. 21:15-27 '56.
Landmark in the great cause of socialism. Nar. Kit. no. 19:8-10 O '56.

CHINA—COMMUNIST PARTY—CONGRESSES
Eighth All-China Congress of the Communist Party of China. Ogonek 34 no. 40:1-2 S '56.
The Eighth Congress of the Chinese Communist Party. Kitai no. 10:1-3 O '56.
Eighth Congress of the Communist Party of China. A. Martynov. Blok. agit. vod. transp. no. 20:34-44 O '56.
The experience of China. Wilfred Burchett. Nov. vrem. 14 no. 43:13-16 O '56.

CHINA—COMMUNIST PARTY—HISTORY
From the First to the Seventh Congress of the Communist Party of China; historical information. Nar. Kit. no. 16:15-20 S '56.

CHINA—COMMUNITY CENTERS
Story about the work of a miner's club. Wang Po. Klub 6 no. 10:4 O '56.

CHINA—CORN (MAIZE)
Corn in China. T. N. Shevchuk. Kukuruza 1 no. 5:57-60 Ag '56.

CHINA—DESCRIPTION AND TRAVEL
I have 600 million friends. Sergei Sustretov. Smena 33 no. 19:2-4 O '56.
In Tokyo; story of a flight to Japan. A. Safronov. Ogonek 34 no. 47:14-17 N '56.
[With Chinese friends] U kitaiskikh druzei. [Moskva] Izd-vo "Pravda," 1956. 405 p.

CHINA—DISTILLING INDUSTRIES
Alcohol and vodka industry in the Chinese People's Republic. A. L. Malchenko. Spirt. prom. 22 no. 5:12-14 '56.

CHINA—ECONOMIC CONDITIONS
Achievements of people's China. G. Astaf'ev. Nov. vrem. 14 no. 45:5-7 N '56.
Achievements of people's China; 2d article. G. Astaf'ev. Nov. vrem. 14 no. 46:10-12 N '56.
Building of socialism in the Chinese People's Republic. I. Zotov. Komm. Bel. 20 no. 10:72-80 O '56.
Decisive step on the path of socialist transformations. Chao Chin-lun. Nar. Kit. no. 18:36-39 S '56.

CHINA—ECONOMIC CONDITIONS (Continued)
High speed of the socialist industrialization of our country. Wang Ssu-hua. Nar. Kit. no.19:15-18 O '56.
Work for all and for many centuries; from a Chinese diary. Savva Kozhevnikov. Mol. komm. 14 no. 10: 18-22 O '56.
A year that passed quickly. Ch'en I. Nar. Kit. no. 19: 11-14 O '56.

CHINA—ECONOMIC POLICY
With a firm step. Krest'ianka 35 no. 11:14-15 N '56.

CHINA—EDUCATION
The school year has started. Kitai no.10:38-39 O '56.

CHINA—EDUCATION, ELEMENTARY
Elementary education in the Chinese People's Republic. V. Z. Klepikov. Nach. shkola 24 no. 11:43-45 N '56.

CHINA—EFFICIENCY, INDUSTRIAL
A thousand and eleven suggestions for efficient measures. Kitai no. 8:10-11 Ag '56.

CHINA—FOOD
Scientific research work in the field of nutritional hygiene during 1950-1955. Sheng Ch'i-cheng. Vop. pit. 15 no. 5:3-7 S-O '56.

CHINA—FOREIGN ECONOMIC RELATIONS—RUSSIA
The scientific and technical collaboration between the Soviet Union and the Chinese People's Republic. I. A. Lysenko. Krat. soob. Inst. vost. no. 21:3-14 '56.

CHINA—FOREIGN RELATIONS—KOREA, NORTH
Mission of friendship. Cho Hak-lya. Nov. Kor. no. 3: 16-17 Mr '56.

CHINA—FOREIGN RELATIONS—LAOS
Development of friendly relations on a new basis. Wang En-Yüan. Nar. Kit. no.18:25-27 S '56.

CHINA—GAS, NATURAL
Subjugation of gas. Kitai no.10:22-23 O '56.

CHINA—GEOLOGY, STRUCTURAL
Main tectonic features of central and southern China. V. V. Belousov. Izv. AN SSSR. Ser. geol. 21 no. 8: 3-28 Ag '56.

CHINA—HANDICRAFT
Socialist reforms of handicraft industries in the Chinese People's Republic. P. Evseev. Prom. koop. no. 10:22-23 O '56.

CHINA—HISTORY
"Brief history of the first civil war" [in Chinese]. Sau Shou-yen, Lin Kan. Reviewed by A. M. Grigor'ev, IU. A. Popov. Vop. ist. no. 9:171-174 S '56.
[Historical sketches of the new China. Translated from the Chinese] Ocherki po novoi istorii Kitaia. Perevod s kitaiskogo O. L. Kitsenko i T. E. Mytarova. Predisl. i red. E. F. Kovaleva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 174 p.

CHINA—HYDROELECTRIC POWER STATIONS
Hydroelectric power station on a cooperative farm. Kitai no. 8:18-19 Ag '56.

CHINA—IVORY CARVING
Artistic ivory carving. Kitai no.10:32-33 O '56.

CHINA—LABOR SUPPLY
A detachement of friends. Mol. kolkh. 23 no. 10:25-26 O '56.

CHINA—LACQUER AND LACQUERING
Lacquer articles. Kitai no. 8:34-35 Ag '56.

CHINA—LAND TENURE
The agrarian policy of the Chinese Communist Party during the third revolutionary civil war, 1946-1949. V. I. Glunin. Krat. soob. Inst. vost. no. 21:15-27 '56.

CHINA—MINERALOGY—EARLY WORKS TO 1800
Ancient Chinese book on minerals and mining ("Old story of mountains and seas" [in Chinese]. Reviewed by V. A. Tokarev). Zap. Vses. min. ob-va 85 no. 3:393-394 '56.

CHINA—MUSHROOMS
Edible mushroom growing on Mongolian oak. P. I. Zhokhov. Priroda 45 no. 11:111 N '56.

CHINA—MUSIC—PERIODICALS
In music magazines; Iran, Hungary, China. Sov. muz. 20 no. 9:139-142 S '56.

CHINA—PALEONTOLOGY
In paleontological institutions of China. A. A. Korpichnikov. Vest. AN SSSR 26 no. 9:59-62 S '56.

CHINA—PAPER
Kochetova, S. M. [Porcelain and paper in the art of China; a brief historical sketch] Farfor i bumaga v iskusstve Kitaia; kratkii istoricheskii ocherk. Moskva, Izd-vo Akademii nauk SSSR, 1956. 89 p. (Nauchno-populiarnaia serila)

CHINA—PAPER WORK
Jeweller with scissors. L. Kluzadzhian. Vokrug sveta no. 10:2 of cover, 8 O '56.

CHINA—PHYSIOLOGY
The science of physiology in the Chinese National Republic. D. G. Kvasov. Fiziol. zhur. 42 no. 5:434-444 My '56.

CHINA—POLITICS AND GOVERNMENT
Chung-Kuo-Jen-Min-Chêng-Chih-Hsieh-Shang-Hui-I. [Proceedings of the second session of the All-China Committee of the People's Political Consultative Council, second convocation (January 30-February 7, 1956)] Materialy vtoroi sessii Vsekitaiskogo komiteta narodnogo politicheskogo konsul'tativnogo soveta, vtorogo sozyva (30 ianvaria-7 fevralia 1956 g.). Moskva, Gos. izd-vo polit. lit-ry, 1956. 114 p.
"Constitution and basic law of the Chinese People's Republic." Reviewed by G. V. Ignatenko. Sov. gos. i pravo no. 7:130-134 '56.
Introductory speech. Mao Tse-tung. Nar. Kit. no. 19: 3-7 O '56.
Political report of the Central Committee of the Chinese Communist Party to the Eighth All-China Party Congress. Nar. Kit. no. 19:supplement. 60p. O '56.

CHINA—POTATOES
Experience of Chinese potato growers. Chou Ch'ang. Kartofel' no. 4:61 S-O '56.

CHINA—RAILROADS
High mountains have submitted and rapid rivers gave way. Kitai no. 8:5-9 Ag '56.
New railroad line in our motherland. Chang Jui-nien. Nar. Kit. no. 17:24-28 S '56.

CHINA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Brief news. Kitai no. 8:37 Ag '56.
Brief news. Kitai no. 10:37 O '56.
Trip to African and West Asian countries. Ch'en Po-chan. Nar. Kit. no. 17:15-18 S '56.

CHINA—RELATIONS (GENERAL) WITH RUSSIA
Guests of friends. B. Sharovatov. Mast. ugl. 5 no. 8: 24a-26 Ag '56.
Helping hands of friends. A. Shloma. Rabotnitsa 34 no. 11:24 N '56.
Under the badge of friendship. A. Salutskii. Leg. atl. no. 10:24-25 O '56.

CHINA—RICE
Chinese rice. Yang Shou-jen. Nar. Kit. no. 18:31-34 S '56.

CHINA—SEDGES
Matai, the horse hoof. Vokrug sveta no. 10:58 O '56.

CHINA—SOCIAL CONDITIONS
Unforgettable impression. Kitai no. 8:25-27 Ag '56.

CHINA—SPORTS
Olympic year in China. V. Aduevskii. Fizk. i sport 26 no. 10:20-21 '56.
Sports. Kitai no. 10:40 O '56.

CHINA—SUBVERSIVE ACTIVITIES
They are from Taiwan. G. Borovik. Ogonek 34 no. 47: 6-7 N '56.

CHINA—TAIPING REBELLION, 1850-1864
Internal struggle of the Taiping leadership and the upheaval of 1856. Ma Hung-mo, V. N. Nikiforov. Vop. ist. no. 9:78-89 S '56.

CHINA—TELEPHONE
Telephone on a cooperative farm. Kitai no. 10:16-17 O '56.

CHINA—UNEMPLOYED
Eliminating unemployment in China. Wang Chün. Nar. Kit. no. 18:28-31 S '56.

CHINA—VERTEBRATES, FOSSIL
New discoveries of the remains of fossil vertebrates. Yang Chung-chyang, Ch'ou Ming-ch'eng. Vest. AN SSSR 26 no. 9:55-59 S '56.

CHINA—WAR CRIME TRIALS
More about humane treatment. Kitai no. 8:40 Ag '56.

CHINA CLAY see subdivision 'Kaolin' under Poloshok

CHINCHILLAS see subdivision under United States

CHINESE LANGUAGE—GRAMMAR
Problem of the parts of speech in Chinese. V. M. Solntsev. Vop. iaz. 5 no. 5:22-37 S-O '56.

CHINESE LANGUAGE—LEXICOGRAPHY
The role played by 19th century Russian Sinologists in lexicography. V. M. Alekseev. Krat. soob. Inst. vost. no. 18:70-83 '56.

CHINESE LANGUAGE—WRITING
Chinese writing and its reform. A. [illegible] 13 no. 10:32 O '56.

CHINESE PERIODICALS
To our Chinese friends. Znan. sila 31 [illegible] '56.

CHINESE POETRY—HISTORY AND CRITICISM
"We love our land." Reviewed by Vl. [illegible] 33 no. 21:23 N '56.

CHINESE PORCELAIN see Porcelain, [illegible]

CHINESE SCIENTISTS see Scientists, [illegible]

CHINESE STUDIES (SINOLOGY)—[illegible] division under Leyden

CHIRONOMIDAE
Transplanting Gammarus lacustris [illegible] of Tendipedidae in trans-Ural lakes. A. [illegible] skaia-Deksbakh. Ryb. khoz. 32 no. [illegible]

CHITA PROVINCE—RAW MATERIALS
Make full use of local raw materials. [illegible] Prom. koop. no. 10:24 O '56.

CHKALOV PROVINCE—BOOKSELLERS AND BOOK SELLING
Chkalov Province Consumers' Union [illegible] vich. Sov. knizh. torg. no. 10:10 O '56.

CHKALOV PROVINCE—FARM MECHANIZATION SCHOOLS AND TEACHING
A good beginning and a sad end. M. [illegible] tekh. obr. 13 no. 10:9-10 O '56.

CHKALOV PROVINCE—LIBRARIES AND [illegible]
"Literary news," a spoken magazine [illegible] Bibliotekar' no. 11:33-34 N '56.

CHLORIDES
Acid chlorides and esters of urethan[illegible] A. V. Kirsanov, I. N. Zhmurova. Zhur. [illegible] no. 9:2042-2048 S '56.
Boron organic compounds. Part 12. [illegible] borodichlorides B. M. Mikhailov, T. [illegible] Izv. AN SSSR. Otd. khim. nauk no. 9:1144-[illegible]
Diffusion of iron in alkali and alkaline [illegible] chlorides. V. P. Kochergin and [illegible] khim. 29 no. 4:500-509 Ap '56.
Effect of stimulation by cold on the reabsorption of [illegible] phates and chlorides in the kidneys. A. [illegible] Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. [illegible] S '56.
Products of the interaction of zirconium and [illegible] tetrachlorides with phosphorus oxychloride. [illegible] Nisel'son, B. N. Ivanov-Emin. Zhur. [illegible] no. 8:1766-1770 Ag '56.
Thermal and tensimetric study of systems [illegible] $AlCl_3$ - NaCl and $NbCl_5$ - $AlCl_3$ - NaCl. [illegible] B. G. Korshunov, A. T. Simonich. Zhur. [illegible] i no. 7:1646-1657 Jl '56.

CHLORINATION
Chlorination of copper phthalocyanine. V. P. [illegible] K. V. Usacheva. Zhur. prikl. khim. 29 no. [illegible] 1387 S '56.
Optical study of tetraethyllellane, ethyllellane [illegible] and regularities in the chlorination of [illegible] M. I. Batuev and others. Izv. AN SSSR [illegible] no. 9:1070-1078 S '56.

CHLORINE
Effect of chlorions on the dissolution of a [illegible] A. V. Pomosov, L. I. Gurevich. Zhur. prikl. khim. [illegible] no. 9:1373-1377 S '56.

CHLORINE INDUSTRY
Conference of chlorine industry workers. [illegible] Khim. prom. no. 5:60-61 Jl-Ag '56.

CHLOROMYCETIN
Clinical and bacteriological parallels in the [illegible] dysentery with synthomycin associated with [illegible] cin. V. M. Shubik, L. V. Iradionova. Zhur. [illegible] epid. i immun. 27 no. 10:34-39 O '56.
Study on the toxic effect of tetracyclines [illegible] organism [with summary in French. p. [illegible] Gubernier and others. Antibiotiki i no. 4 [illegible] Ag '56.
Synthomycin for treating chronic cholecystitis and cholangitis. D. IA. Shurygin, R. K. Kalnebereze, [illegible] Kasnofontov. Voen.-med. zhur. no. 7:[illegible]

CHLOROPHYLL
Shlyk, A. A. [Tagged atom method of studying the biosynthesis of chlorophyll] Metod mechenykh atomov v issledovanii biosinteza khlorofilla. Minsk, Izd-vo Akademii nauk BSSR, 1956. 298 p.

CHLOROPICRIN
Effect of degasified and chloropicrin-treated [illegible] animal organism. E. N. Vasil'eva, V. P. [illegible] L. P. Naumova. Vop. pit. 15 no. 5:83 S-O '56.

CHLOROPRENE
Copolymerization of diethylenic hydrocarbons with vinyl ethers. Part 1. Characteristics of the copolymerization of chloroprene and vinyl ethers. S. P. Mitsengendler, V. N. Krasulina, L. B. Trukhmanova. Izv. AN SSSR. Otd. khim. nauk no. 9:1120-1129 S '56.

CHOLESTEROL
Fate of radiolodine I-131 in tissue and organs in rabbits in experimental hypercholesterinemia and in atheromatosis. M. A. Levchenko, V. G. Spesivtseva, A. M. Shishova. Terap. arkh. 28 no. 6:71-75 '56.

CHORAL MUSIC
Folk choruses. E. Rodygin. Sov. muz. 20 no. 9:53-56 S '56.

CHORAL SINGING
Russia (1917- R. S. F. S. R.) Glavnoe upravlenie shkol. [Song festivals as a means of improving choral work among students; practical directions] Prazdnik pesni kak sredstvo povysheniia khorovoi kul'tury shkol'nikov; metodicheskoe pis'mo. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 37 p.
A school's foreign-language chorus. E. IA. Rozental'. Inostr. iaz. v shkole no. 5:94 S-O '56.

CHORAL SINGING, JUVENILE see subdivision under Artemovsk

CHORAL SOCIETIES
(see also subdivision under Baikal region; Latvia; Moscow Province)
Fishermen ensemble visits "Neva." Neva no. 9:207 S '56.

CHOREA
Formation of focal bilateral chorea. V. A. Myshkovskaia. Zhur. nevr. i psikh. 56 no. 9:709-713 '56.
Some clinical variations in the development of chorea minor. L. S. Glittik Zhur. nevr. i psikh. 56 no. 9-714-717 '56.

CHOU, SHU-JÊN, 1881-1936
"Authentic story of AhQ." Li Hsi-fan. Nar. Kit. no. 18: 9-14 S '56.
In memory of Lu Hsün. Kitai no. 10:4-5 O '56.
In the Lu Hsün home; on the 75th anniversary of his birth. M. Martin. Smena 33 no. 19:7 O '56.
Lu Hsün, standard-bearer of the new cultural army of Chinese people. Ch'en Ch'iu-fan. Nar. Kit. no. 18: 3-9 S '56.
Lu Hsün's anniversary. Ogonek 34 no. 40:3 S '56.

CHRISTIAN ART AND SYMBOLISM
New data on the mosaics and frescoes of St. Sophia in Kiev. V. N. Lazarev. Viz. vrem. 10:161-177 '56.

CHROMATOGRAPHIC ANALYSIS
"Chromatographic analysis; introduction to the theory and practice." F. M. Shemiakin, E. S. Mitselovskii, D. V. Romanov. Reviewed by S. M. Lipatov. Koll. zhur. 18 no. 5:632 S-O '56.
Chromatographic method of separating substances on paper; brief review. G. K. Nikonov. Apt. delo 5 no. 5: 30-34 S-O '56.
Ermolenko, N.F. [Chromatographic adsorption analysis and its development] Khromatograficheskii adsorbtsionnyi analiz i ego razvitie. Minsk, Izd-vo Akademii nauk Belorusskoi SSR, 1955. 104 p.
Quantitative separation of beryllium from certain elements by means of ion exchange chromatography. T. A. Bolshakova, V. I. Fadeeva. Vest. Mosk. un. 11 no. 6: 73-79 Je '56.
Rapid chromatographic determination of raffinose in fodder molasses. N. P. Silina. Sakh. prom. 30 no. 8: 41-44 Ag '56.
Separation and identification of plant carbohydrates by means of paper partition chromatography. I. S. Kozhina. Bot. zhur. 41 no. 9:1309-1314 S '56.

CHROMITE
Effect of admixtures (waste rock) in chromite ore on the oxidation roasting of charges in the bichromate manufacture. T. D. Averbukh, M. A. Serebrennikova, N. D. Maslova. Zhur. prikl. khim. 29 no. 4:498-505 Ap '56.

CHROMIUM—ISOTOPES—SPECTRA
Hyperfine structure of the paramagnetic resonance spectrum of $^{53}Cr^{3+}$ in $Al_2O_3$. A. A. Manenkov, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 31 no. 2:340-347 Ag '56.

CHROMIUM BROMIDES
Argentometric determination of the composition of green chromium bromide. IU. P. Nazarenko, R. S. Khaimovich. Zhur. neorg. khim. 1 no. 8:1758-1765 Ag '56.

CHROMIUM HALIDES
Thermal dissociation of chromium bromide and chloride. S. A. Shchukarev and others. Zhur. neorg. khim. 1 no. 8:1697-1702 Ag '56.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-MOLYBDENUM-IRON ALLOYS see Iron-chromium-molybdenum alloys

CHROMIUM-NICKEL-IRON ALLOYS see Iron-chromium-nickel alloys

CHROMIUM-NICKEL STEEL
Effect of crystallization on the deformability of Kh23N18 steel in forging and rolling. B. Kh. Khan. Vop. proizv. stali no. 3:90-105 '56.

CHROMIUM OXIDES
Kinetic determination of bond energies as an approach to the theory of the selection of catalysts. Part 2. Comparison of results with chromia [with English summary in insert]. A. A. Balandin, A. A. Tolstopiatova. Zhur. fiz. khim. 30 no. 7:1636-1646 Jl '56.

CHROMIUM PLATING
Chromium plating cylinders made of light alloys. L. V. Koz'min. Avt. i trakt. prom. no. 9:45-47 S '56.
Study of chromizing baths of complex type. N. T. Drobantseva, A. N. Sysoev. Zhur. prikl. khim. 29 no. 4: 589-595 Ap '56.
Using organic glass in chrome plating baths. M. V. Baraz. Stroi. i dor. mashinostr. 1 no. 10:29-30 O '56.

CHROMIUM SALTS
Stoichiometry and basicity formulas of trivalent chromium salts. I. N. Golovastikov. Zhur. prikl. khim. 29 no. 4: 553-557 Ap '56.

CHROMIUM STEEL
Mechanical properties of steel subjected to chromium saturation of the surface. G. N. Dubinin. Vest. mash. 36 no. 10:56-58 O '56.

CHROMIUM STEEL—MAGNETIC PROPERTIES
Magnetic properties of the ShKh15 chromium steel subjected to various heat treatment processes. M. N. Mikheev and others. Fiz. met. i metalloved. 3 no. 2: 220-237 '56.

CHROMOSOMES
First tetraploid plants of the currant genus. A. IA. Kuz'min, N. P. Chuvashina, I. M. Zhironkin. Agrobiologiia no. 5:108-113 S-O '56.
Role of polyploidy in sugar-beet breeding. Kurt Sedlmayr. Agrobiologiia no. 5:102-107 S-O '56.
Somatic origin of polyploid forms in citrus plants. I. S. Kapandze. Soob. AN Gruz. SSR 17 no. 7:645-648 '56.

CHRONAXIA
Changes in skin temperature and of capillaroscopic and chronaximetric data in thrombophlebitis of the extremities [with summary in English, p. 160]. V. M. Milovidova. Vest. khir. 77 no. 9:68-73 S '56.
Effect of stimulation of the interoceptors on the chronaxy of the motor zone of the cerebral cortex. A. I. Karnev, A. A. Loginov. Fiziol. zhur. 42 no. 9: 752-757 S '56.
Some data on features of the effect of gastric receptors on the chronaxy of skeletal muscles. S. E. Ginzburg. Fiziol. zhur. 42 no. 6:704-712 Ag '56.

CHRONOGRAPH
Some results of timing by chronograph the work of blooming mill operators. A. P. Chekmarev, IU. V. Vorotyntsev. Trudy Inst. chern. met. AN URSR no. 10: 130-152 '56.

CHU VALLEY—ALKALI LANDS
Results of an experiment at a permanent field station for the reclamation of saline waste lands in the Chu Valley. S. N. Zolotarev, L. I. Dashevskii. Trudy Otd. pochv. Kir-FAN SSSR no. 4:67-73 '53.
Salt tolerance of strawberries and raspberries in the Chu Valley. M. A. Zorin. Trudy Otd. pochv. KirFAN SSSR no. 4:75-84 '53.

CHU VALLEY—CROPS AND SOILS
Soil acidification in areas of the Chu Valley where vegetables and potatoes are included in crop rotations. M. A. Zorin. Trudy Otd. pochv. AN Kir. SSR no. 5:43-61 '55.

CHU VALLEY—HYDROLOGY
Hydrochemical regime of the water of the Great Chu Canal and its ionic content. V. Kadyrov, V. Sagadakova. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:139-122 '56.

CHU VALLEY—RIVERS
Hydrochemical characteristics of rivers in the Chu Basin. P. V. Denisov and others. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:123-126 '56.

CHU VALLEY—SIEROZEM SOILS
Methods of growing hemp and ambary in the zone of light Sierozems of the Chu Valley. G. IA. Fedichkin. Trudy Otd. pochv. AN Kir. SSR no. 5:63-71 '55.

CHU VALLEY—WATER, UNDERGROUND
Prospects of using underground water of the Chu Valley. M. N. Bol'shakov, P. G. Grigorenko. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:3-31 '56.

CHUCKS
Centering parts of three-jaw helical chucks using split sleeves. I. I. Chulkov. Vest. mash. 36 no. 10:39-43 O '56.
Centrifugal chucks. N. E. Rostovtsev, O. A. Sal'nikov. Stan. i instr. 27 no. 9:33-34 S '56.
Universal pneumatic lever chuck. G. L. Fishbein. Vest. mash. 36 no. 10:46-51 O '56.

CHUKCHI NATIONAL OKRUG—SCHOOLS
To their own school. Sov. Soiuz no. 11:32 N '56.

CHURCH AND STATE see subdivision under Manchuria

CHURCH CALENDAR
[Ukrainian Orhodox Calendar for 1957; seventh year] Ukrains'kyi pravoslavnyi kalendar na 1957 rik; richnyi s'omyi. [So. Bound Brook, N.J.] Vyd. Ukrains'koi Pravoslavnoi TSerkvy v ZDA [n.d.] 107 p.

CHURCH OF ENGLAND—RELATIONS—ORTHODOX EASTERN CHURCH
Arrival of the Church of England delegation in Moscow. Zhur. Mosk. Patr. no. 6:5 Ag '56.

CHURCH OF ENGLAND, LITURGY AND RITUAL
Worship in the Church of England. N. Uspenskii. Zhur. Mosk. Patr. no. 8:68-80 Ag '56.

CHURCHES see subdivision under Kiev; Moscow; Smolensk

CHUVASHIA—DISABLED
The system for the assignment of patients to invalids' homes is being violated. N. Krivoshchepov. Sots. obesp. 17 no. 10:38 O '56.

CHUVASHIA—HEMP
Southern hemp on collective farms of the Chuvash A. S. S. R. L. A. Pel'tsikh. Sel'khoz. Povol. no. 9: 41-43 S '56.

CIGARETTE INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Leningrad)
Substitution method of sharpening and adjusting cigarette tip cutting knives. S. V. Tolstikov. Tabak 17 no. 3: 50-51 '56.

CIMMERIAN BOSPORUS (KINGDOM)—NUMISMATICS, ANCIENT
Unusual coins of Rhescuporis VI. K. V. Golenko. Krat. soob. Inst. arkheol. AN URSR no. 6:57-61 '56.

CINEMATOGRAPHY
Anamorphote optics. A. A. Lapauri. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:378-383 S-O '56.
The younger generation. M. Kaplan. Isk. kino no. 9: 29-36 S '56.

CINEMATOGRAPHY—FILMS
Color stability in color cinematic films. I. M. Fridman and others. Khim. prom. no. 5:283-285 Jl-Ag '56.
We answer readers' questions. Kinomekhanik no. 10:44 O '56.

CIRCUIT BREAKERS, ELECTRIC see Electric circuit breakers

CIRCUITS, ELECTRIC see Electric circuits

CIRCUS see subdivision under Moscow; Ukraine

CITIES AND TOWNS
(see also subdivision under France; United States)
Cities not yet marked on maps. Nauka i zhizn' 23 no. 11:39-41 N '56.

CITIES AND TOWNS—GROWTH
Cities and urban population of the U. S. S. R. at the beginning of the sixth five-year plan. O. A. Konstantinov. Geog. v shkole 19 no. 4:5-13 S-O '56.

CITRAL
Antiallergic action of cichol (a combination of citral with sodium cholate). M. N. Ostrovskaia. Biul. eksp. biol. i med. 42 no. 8:57-59 Ag '56.

CITRUS FRUITS
Somatic origin of polyploid forms in citrus plants. I. S. Kapandze. Soob. AN Gruz. SSR 17 no. 7:645-648 '56.

CITRUS FRUITS—DISEASES AND PESTS
Accelerated method for selecting mal-secco-resistant plants. V. N. Orshanskaia, N. P. Ordzhonikidze. Zashch. rast. ot vred. i bol. 1 no. 4:42 S-O '56.
Laboratory method for faster testing of citrus plants for resistance to mal secco. V. N. Orshanskaia, N. P. Ordzhonikidze. Agrobiologiia no. 5:35-44 S-O '56.

CITY PLANNING
(see also subdivision under Warsaw)
Improve standard plans by every possible means and raise the quality of a mass housing construction. Arkhit. SSSR no. 10:1-3 '56.
New instruction on establishing plans for city planning and construction. Biul. stroi. tekh. 13 no. 9:16-18 S '56.
Study thoroughly the practice of city building. D. Maslennikov, I. Shishkin. Arkhit. SSSR no. 10:4-10 '56.

CIVIL PROCEDURE
The civil procedure code of the R. S. F. S. R. and problems in civil procedure. P. V. Loginov. Sov. gos. i pravo no. 8:51-61 '56.

CIVILIZATION, MOHAMMEDAN
"Was there a Mussulman domination over the economic life of European states in the 8th-10th centuries?" F. I. Himly. "More on Mohammed and Charlemagne." E. Perroy [both in French]. Reviewed by IU. L. Bessmertnyi. Vop. ist. no. 9:178-182 S '56.

CLADOCERA see subdivision under Tajikistan

CLASSIFICATION—BOOKS
The use of a unified classification system in the academy libraries. G. A. Rushevskaia. Sov. bibl. no. 43: 18-25 '56.
Why isn't there agreement in textbooks? E. Volkov. Bibliotekar' no. 11:34-36 N '56.

CLASSIFICATION—STARS see Stars—Classification

CLASSIFIED CATALOGS see Catalogs, Classified

CLAUSEWITZ, KARL VON, 1780-1831
Mielke, Franz. [The pen and the sword; Karl Clausewitz and his time. Translated from the German.] Pero i mech; Karl Klauzevits i ego vremia. [Perevod s nemetskogo V. IA. Golanta.] Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 396 p. [Publ. under his pseud. Franz Fabian.]

CLAY
(see also subdivision under Carpathian Mountain region; Kirovabad (Azerbaijan); Russian Platform; Ukraine)
Alterations in minerals of dispersed parts of argillaceous soils caused by their artificial gleying. E. A. Dzhavakhishvili. Vop. min. osad. obr. 3/4:575-588 '56.
Conversions of organic compounds over aluminosilicate catalysts. Part 9. Study of the optical activity during the conversion of $\alpha$-pinene by means of active clays. I. S. Sattar-Zade. Uch. zap. AGU no. 9:13-16 '55.
Efficient use of clay in molding mixtures. N. A. Barinov, D. I. Mareev. Lit. proizv. no. 9:13-14 S '56.
Electronographic method for determining clay minerals. B. B. Zviagin. Vop. min. osad. obr. 3/4:654-667 '56.
The present state and ways of mineralogical study of clays. M. F. Vikulova. Vop. min. osad. obr. 3/4: 543-563 '56.
Regularities in the formation and distribution of clay minerals in soils. N. I. Gorbunov. Vop. min. osad. obr. 3/4:564-574 '56.
Results of staining mixtures of clayey minerals with methylene blue. B. M. Mikhailov. Inform. sbor. VSEGEI no. 2:71-76 '55.
Study of the mineralogical composition of clays by means of X ray and thermal analyses and by dehydration. A. G. Seidov, N. P. Dmitrieva. Uch. zap. AGU no. 6:41-46 '55.
Swelling of clays. G. A. Efendiev, A. G. Alieva. Uch. zap. AGU no. 11:37-42 '55.

CLAY—ANALYSIS
Duplicated adsorption of dyes as a basis for a spectrophotometric analysis of clays. N. E. Vedeneeva. Vop. min. osad. obr. 3/4:641-646 '56.

CLAY—OPTICAL PROPERTIES
Determining indices of refraction of clay fractions of rocks by means of the Fedorov stage. B. M. Mikhailov. Inform. sbor. VSEGEI no. 2:68-71 '55.

CLEANING COMPOUNDS
The effect of oxyethylated polymer destillate on the skin and its use as a detergent in the chemical industry. N. S. Sorinson, V. G. Smirnova. Gig. i san. 21 no. 10: 28-29 O '56.
Use of petroleum cracking products in the manufacture of detergents. M. A. Ashimov, M. A. Mamedova, S. A. Altakhverdova. Trudy Inst. khim. AN Azerb. SSR 15:119-125 '56.
Use of synthetic, surface-active washing and wetting substances for cleaning the tanker fleet. E. Skripchenko, A. Rabinovich, S. Livshits. Mor. flot 16 no. 7:21-22 Jl '56.

CLEARING OF LAND
Skidding unlopped trees and clearing felled areas. A. V. Gordeev. Les. prom. 34 no. 10:12-13 O '56.

CLEARINGHOUSE
Eliminate serious shortcomings in payment practice. M. Mukhin. Fin. SSSR 17 no. 10:24-28 O '56.
Not listening to local advice. A. Belkin, E. Smirnov. Fin. SSSR 17 no. 10:28-29 O '56.

CLIMATOLOGY
(see also subdivision 'Climate' under Asia; Crimea; Europe; Lvov Province; Turkmenia; Volga Valley)
Classification of the earth's climates ("Classification of the earth's climates by natural zones," A. I. Kaigorodov. Reviewed by A. P. Gailiev). Vest. AN SSSR 26 no. 9:131-134 S '56.
Definition of the concept of subtropics. I. M. Akhunzade. Izv. AN Azerb. SSR no. 6:19-34 Je '56.

CLIMATOLOGY, AGRICULTURAL see Crops and climate

CLIMATOLOGY, MEDICAL
Therapy of mental diseases in the mountains and in standard sanatoria. V. P. Protopopov. Fiziol. zhur. [Ukr.] 1 no. 5:112-128 S-O '55.

CLINKER BRICKS see subdivision under Rumania

CLOCKMAKING AND WATCHMAKING
Aluminate glasses and their use as jewels in the watch industry. IU. V. Rogozhin. Trudy VNIIStekla no. 36: 112-115 '56.

CLOCKS, ATOMIC
Atomic clock. B. Sukhov. Nauka i zhizn' 23 no. 11: 53-54 N '56.

CLOCKS, ELECTRIC
Clock wound by light. B. Riabikin. Nauka i zhizn' 23 no. 10:52 O '56.

CLOCKS AND WATCHES
(see also subdivision under Moscow)
Watches for the blind. N. Kuvshinov. Neva no. 10:200 O '56.

CLOISONNÉ see subdivision under China

CLOTHING AND DRESS see subdivision under Kandybino

CLOTHING INDUSTRY
Developing the garment industry in the sixth five-year plan. M. A. Maksimova. Leg. prom. 16 no. 9:4-6 S '56.
Fedeniuk, V. G. [Methods of gluing parts of sewn goods] Metody kleevogo soedinenia detalei shvetnykh izdelii. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 80 p.

CLOTHING INDUSTRY—ACCOUNTING see subdivision under Odessa

CLOUDS
Some considerations regarding the classification of clouds. N. F. Gel'mgol'ts. Trudy KazNIGMI no. 2: 32-39 '54.

CLOVER
(see also subdivision under Khanka Plain; Komi A.S.S.R.; Suyfun Valley)
Biology and productivity of red clover under natural conditions and in cultivation. P. V. Lebedev. Bot. zhur. 41 no. 9:1346-1349 S '56.
Ermilov, G. B. [Biological principles in sowing red clover] Biologicheskie posieva krasnogo klevera. Sverdlovsk, Akademiia nauk SSSR, Ural'skii filial, 1956. 72 p.

CLOVER—VARIETIES
Razin, N. [Local varieties of high-yielding clover of Kalinin Province] Staromestnye vysokourozhainye klevera Kalininskoi oblasti. Kalinin, Obl. kn-vo, 1953. 68 p. (DA)

CLOVER BREEDING
Breeding red clover. N. G. Khoreshilov. Sel. i sem. 21 no. 4:44-49 '56.

CLUBHOUSES
One's own hand has unlimited powers. Klub 0 no. 10: 27 O '56.

CLUTCHES (MACHINERY)
Testing pneumatic belt clutches. V. N. Golovko. Vest. mash. 36 no. 10:22-25 O '56.

COAGULATION
Using coagulants for water processing. I. A. Driz. Spirt. prom. 22 no. 3:27-28 '56.

COAL
(see also subdivision under Karaganda Basin; Kazakhstan; Kizel Basin; Krasnoural'sk; Okriba; Pechora Basin)
Chief regularities of coal distribution in the U. S. S. R. and theoretical bases of regularities of their property changes. A. K. Matveev. Trudy Inst. geol. nauk no. 90: 202-212 '47.
High-speed thermal beneficiation of coal dust from the Dzhergalan and Kok-Yangak deposits. V. V. Kaliuzhnyi, I. M. Naidich. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:139-151 '56.
New methods of studying the change of coal substances. A. N. Krishtofovich. Trudy Inst. geol. nauk no. 90: 139-144 '47.
The second life of coal. P. S. Kucherov. Zmina no. 10: 16-17 O '56.

COAL—ANALYSIS
Determination of the composition and properties of organic substances in mineral fuels. N. S. Goloushin. Zhur. prikl. khim. 29 no. 4:617-621 Ap '56.
X-ray analysis of the molecular structure of coal and coke. V. I. Kasatochkin, L. L. Nazumova. Izv. AN SSSR Ser. fiz. 20 no. 7:751-754 Jl '56.

COAL—CARBONIZATION
Dynamics of the isolation of products resulting from the thermal processing of coals. E. S. Serik. Khim. i tekh. topl. no. 11:19-26 N '56.
Semicoking of solid fuels in an active gaseous medium under high pressure. V. S. Al'tshuler, G. S. Shafir. Khim. i tekh. topl. no. 10:45-55 O '56.

COAL—ELECTRICAL PROPERTIES
Determining electric resistance of coals by heating in a thin layer. IU. B. Tiutiunnikov. Zav. lab. 22 Ag '56.

COAL—STORAGE
Remarks on determining the weight and volume of solid piles of coal in mines. M. I. Gleizer. [Trudy] VNI no. 30:214-220 '56.

COAL GASIFICATION
(see also subdivision under Moscow Province)
Intensive gasification of solid fuel for gas-turbine u Kh. I. Koloditsev, V. I. Babii. Teploenergetika 3 n 9:18-24 S '56.

COAL GEOLOGY
(see also subdivision under Bureya Basin; Cheliyabi Basin; Donets Basin; Gorkiy Province; Kizel Bas Kuznetsk Basin; Moscow; Pechora Basin; Turgay Gates; Ural Mountains; Vorkuta)
Coal measures in geosynclines and platforms. A. Z Shtrokov. Trudy Inst. geol. nauk no. 90:89-102 '4
Errors in determining the thickness of a coal bed by means of boreholes. G. M. Kostantinov. Razved. i okh. nedr 22 no. 8:30-33 Ag '56.
Errors in determining the thickness of coal beds by means of boreholes. I. P. Sharapov. Razved. i okh nedr 22 no. 8:33-36 Ag '56.
Methods of studying the structural cyclic recurrence coal-bearing strata and the periodicity of formatio IU. A. Zhemchuzhnikov. Trudy Inst. geol. nauk no. 7-19 '47.
Nikolaev, N. L. [Mine geology of coal deposits] Shak naia geologiia ugol'nykh mestorozhdenii. Moskva, Ugletekhizdat, 1956. 170 p.
Principles of detailed lithological correlations of co bearing deposits and effective indexing of coal bed G. A. Ivanov. Trudy Inst. geol. nauk no. 90:74-75
The problem of cycles in coal-bearing strata. G. F. Krasheninnikov. Trudy Inst. geol. nauk no. 90:21-3 '47.
Resolutions of the coal geology conference. Trudy I geol. nauk no. 90:227-238 '47.
Separating genetic types of deposits as a basis for lithogenetic studies of coal-bearing strata. T. N. Davydova, P. L. Gol'dshtein. Trudy Inst. geol. nauk no. 90:28-44 '47.
Tasks and results of the conference on the geology o coal deposits. P. I. Stepanov, V. S. IAblokov. Tru Inst. geol. nauk no. 90:1-6 '47.

COAL GEOLOGY—MAPS
Contents and methods of compiling geological and co chemistry maps. I. I. Ammosov. Trudy Inst. geol. nauk no. 90:213-224 '47.
Map of known and presumed occurrences of coal in t U. S. S. R. M. M. Prigorovskii. Trudy Inst. geol. na no. 90:195-201 '47.

COAL MINERS
(see also subdivision under Donets Basin; Kadievka Karaganda Basin; Khakass Province; Nova-Volynsk
At home. A. Tarasiuk. Mast. ugl. 5 no. 8:9-10 Ag
Book lovers. Mast. ugl. 5 no. 8:30 Ag '56.
Competition between Ukrainian and Georgian miners. Mast. ugl. 5 no. 8: 29 Ag '56.
Correspondence of friends. Mast. ugl. 5 no. 8:29 A '56.
Creative work of miners. A. Pavlenko. Mast. ugl. no. 8:5 Ag '56.
A happy old age. V. Grebenchikov. Mast. ugl. 5 no. 8:10 Ag '56.
In a workers' settlement. Mast. ugl. 5 no. 8:30 A '56.
The Nuzhdikhin family and others. IA. Levitin. Mas ugl. 5 no. 8:19-21 Ag '56.
Tunneler and social worker. Mast. ugl. 5 no. 8:29 '56.
Without a break in production. Mast. ugl. 5 no. 8:30 Ag '56.
Young miners' daily rest. Mast. ugl. 5 no. 8:31 A '56.

COAL MINERS—DISEASES AND HYGIENE
Some data on the effect of the working day on cardiovascular and neural functions in miners. O. O. Navi kalikian and others. Fiziol. zhur. [Ukr.] 1 no. 4:84 Jl-Ag '55.

COAL MINES AND MINING
(see also subdivision under Donets Basin; Cheliyabi Basin; Germany, West; Hwai Nan Basin, China; K ganda Basin; Kuznetsk Basin; Makeyevka; Moscow Basin; Novo-Volynsk; Partizanskaya Kommuna; Pec Basin; Rayohikhinsk; Tajikistan; Volyn' Province)
Bagashov, M. K. [Profitableness in the Soviet and in capitalist coal industry] Rentabel'nost' v ugol'noi pr myshlennosti SSSR i kapitalisticheskikh stran. Mos Ugletekhizdat, 1956. 106 p. (Nauchno-proizvodstvenn literatura po voprosam ekonomiki)

COAL MINES AND MINING (Continued)
Be proud of your occupation. A. Ryndova. Mast. ugl. 5 no. 8:7 Ag '56.
Determining the most advantageous dimensions of the extraction field on the strike. S. M. Lipkovich. Ugol' 31 no. 10:11-14 O '56.
Didkovskii, D.Z., and others. [Manual for the skilled worker in open-cut coal mines] Spravochnik gornogo mastera ugol'nykh kar'erov. Izd. 2-oe, ispr. i perer. Moskva, Ugletekhizdat, 1956. 372 p.
Do well-coordinated steady work. P. Kavun. Mast. ugl. 5 no. 8:4-5 Ag '56.
Dokukin, A.V. [Automatization in coal mines] Avtomatizatsiia na ugol'nykh shakhtakh. Moskva, Ugletekhizdat, 1956. 84 p.
First year's work in a coal mine. M. Akushko. Mast. ugl. 5 no. 8:6-7 Ag '56.
Glory to Soviet miners. Mast. ugl. 5 no. 8:1-3 Ag '56.
Improving the technology of coal extraction in hydraulic mining. A. D. Ignat'ev. Ugol' 31 no. 9:14-17 S '56.
Kabatianskii, Kh. S. [Labor productivity analysys and potentialities in coal enterprises] Analiz i rezervy rosta proizvoditel'nosti truda v ugol'noi promyshlennosti. [Moskva] Ugletekhizdat, 1956. 151 p.
Organization and wages in longwall mining. V. Skogorev. Sots. trud. no. 10:78-84 O '56.
Our requirements. S. Popov. Mast. ugl. 5 no. 8:11-12 Ag '56.
Using progressive work organization in mines. V. E. Zenin. Ugol' 31 no. 9:21-25 S '56.
V. F. Smirnov's article "Some possible uses of radioactive isotopes in the coal industry." B. I. Medvedev. Ugol' 31 no. 10:37 O '56.
Valuable and useful publication. ("Materials and equipment used in coal mining; handbook. Vol. 1. Materials, parts 1 and 2. Supplement to part I of vol. I"). Reviewed by I. M. Budnitskii. Ugol' 31 no. 9:40 S '56.
Ways of shortening the development period in the building of coal mines. T. F. Abramenko. Ugol' 31 no. 9:26-29 S '56.
We celebrate our holiday joyfully. F. Epov. Mast. ugl. 5 no. 8:3 Ag '56.

COAL MINES AND MINING—ACCIDENTS see subdivision under Marcinelle, Belgium

COAL MINES AND MINING—ACCOUNTING
Improving accounting in the coal industry. A. Snegarevskii. Bukhg. uchet 15 no. 9:8-12 S '56.

COAL MINES AND MINING—FINANCE
Alekseeva, N.I. [Capital in the coal industry] Osnovnye fondy ugol'noi promyshlennosti. Moskva, Ugletekhizdat, 1956. 50 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

COAL MINES AND MINING—HYGIENIC ASPECTS
Some questions on the control of silicosis and anthracosis in coal mines. L. I. Daron. Gig. i san. 21 no. 8:50-52 Ag '56.

COAL MINES AND MINING—MAPS
Coal map. I. Goreskii. Neva no. 9:204 S '56.

COAL MINES AND MINING—PRODUCTION STANDARDS see subdivision under Ukraine

COAL MINES AND MINING—SAFETY MEASURES
(see also subdivision under Canada; Czechoslovakia; Kizel Basin)
Aleshin, M. I. [Labor protection in coal mines] Okhrana truda v ugol'nykh shakhtakh. [Moskva] Izd-vo VTsSPS, 1956. 109 p.
Importance of hard headings and drainage shafts in the safety of haulage drifting along seams where sudden coal and gas outbursts are likely to occur. S. M. Garkavi, A. V. Braitsev, I. A. Voinik. Ugol' 31 no. 10:23-26 O '56.
The Miners' Trade Unions International sends a message to the International Labor Organization. Vsem. prof. dvizh. no. 10:17 O '56.
Preventing sudden explosions of coal and gazes. V. I. Baranovskii. Vest. AN SSSR 26 no. 9:51-54 S '56.
The revision of safety regulations in coal and shale mines. A. P. Zaitsev, S. IA. Khoifits. Ugol' 31 no. 9:1-3 S '56.

COAL MINING MACHINERY
(see also subdivision under China; Donets Basin; Karaganda Basin; Odessa)
On the road to complex mechanization. I. Aleksandrov. Mast. ugl. 5 no. 8:16-18 Ag '56.

COAL PREPARATION
Trop, A. E. [Electric equipment at coal preparation and briquette factories] Elektrooborudovanie ugleobogatitel'nykh i briketnykh fabrik. Izd. 2-e, ispr. i dop. Moskva, Ugletekhizdat, 1956. 196 p.
The use of screw conveyor centrifuges in the preparation of coal. V. S. Kaminskii, L. S. Zarubin. Ugol' 31 no. 9:34-37 S '56.

COATINGS, PROTECTIVE see Protective coatings

COBALT—ISOTOPES
Action of γ-radiation of radioactive cobalt ($Co^{60}$) upon proteins and amino acids. M. A. Khenokh, E. M. Lapinskaia. Dokl. AN SSSR 110 no. 1:125-128 S-O '56.

COBALT-ALUMINUM ALLOYS
Diffusion of cobalt in cobalt-aluminum alloys. S. D. Gertsriken, I. IA. Dekhtiar. Fiz. met. i metalloved. 3 no. 2:242-246 '56.

COBALT COMPOUNDS
Absorption of nitric oxide by aqueous ammoniacal solutions of bivalent cobalt salts. G. D. Sirotkin. Zhur. neorg. khim. 1 no. 8:1750-1757 Ag '56.

COBALT IN THE BODY
Inactivation of cobalt in the body with ethylenediamine tetraacetic acid. I. N. Bel'gova. Biul. eksp. biol. i med. 42 no. 9:51-53 Ag '56.

COBALT ORGANIC COMPOUNDS
Bivalent cobalt complex compounds with hydrazine and hydrazinecarboxylic acid. P. V. Gogorishvili, M. V. Karkarashvili, L. D. TSitsishvili. Zhur. neorg. khim. 1 no. 8:1731-1736 Ag '56.
Structure of cobalt dihalo-diamines. G. B. Bokii, T. I. Malinovskii, A. V. Ablov. Kristallografiia 1 no. 1:49-52 '56.

COBALT PLATING
Effect of solution acidity on cathodic polarization during the electrodeposition of cobalt and nickel [with English summary in insert]. Z. A. Solov'eva, O. A. Abrarov. Zhur. fiz. khim. 30 no. 7:1572-1578 Jl '56.

COBALT PYROPHOSPHATE
Study of the solubility of cobalt pyrophosphate in water, hydrochloric and sulfuric acids, and in sodium pyrophosphate solutions. F. M. Filinov, V. F. Budanova. Zhur. neorg. khim. 1 no. 8:1915-1925 Ag '56.

COG-WHEELS see Gearing

COGNAC see Brandy

COHESION
New thermodynamic method for determining cohesive forces between fluids and solids. IU. N. Andreev. Nauch. trudy MPI no. 3:91-111 '55.

COILS, ELECTRIC see Electric coils

COINS, CUFIC see subdivision under Novgorod

COKE
Letter to the editor. M. V. Goftman, V. I. Butorin. Lit. proizv. no. 9:32 S '56.

COKE—ANALYSIS
X-ray analysis of the molecular structure of coal and coke. V. I. Kasatochkin, L. L. Razumova. Izv. AN SSSR. Ser. fiz. 20 no. 7:751-754 Jl '56.

COKE INDUSTRY—HYGIENIC ASPECTS
Hygienic working conditions in benzene divisions, in benzene rectification shops, in resin distillation shops in by-product-coking plants. M. E. Erman and others. Gig. i san. 21 no. 10:50-51 O '56.

COLD—PHYSIOLOGICAL EFFECT
Effect of stimulation by cold on the reabsorption of phosphates and chlorides in the kidneys. A. S. Oganesian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:33-38 S '56.

COLIC—CLASSIFICATION
Classification of colics in horse. N. S. Persinev. Sbor. trud. Khar'. vet. inst. 20:186-193 '49.

COLLAGEN
Decreasing collagenic blubber mass in the impulse apparatus. V. V. Kolchev, N. E. Nikolaeva. Ryb. khoz. 32 no. 9:75-78 S '56.

COLLECTIVE FARMS
(see also subdivision under Kandybino; Korpilovka; Lyntorichi; Moldavia; Pervomaysk District; Pripet Valley)
At a village on the Khorol; photos. H. Uhrynovych. Zmina no. 10:12B-12C O '56.
Belorusskii nauchno-issledovatel'skii institut lesnogo khoziaistva. [Manual on managing collective farm forests] Spravochnik po vedeniiu khoziaistva v lesakh kolkhozov. Minsk, Gos. izd-vo BSSR, 1956. 256 p.
[The collective farm chairman; sketches] Predsedatel' kolkhoza; ocherki. [Moskva] Moskovskii rabochii, 1956. 300 p.
Collective farms' income is increasing. A. S. Vasil'chenko. Sakh. svekl. no. 6:10-14 Ag '56.
The communal economy is the main strength of collective farms. K. Obolenskii. Vop. ekon. no. 10:96-107 O '56.
At construction sites on collective farms. I. Slavuta. Prof.-tekh. obr. 13 no. 10:14 O '56.
The economic education of workers and the strengthening of the economics of collective farms. A. Belov. Komm. Kazakh. 26 no. 11:39-42 N '56.
First millions; a sketch. L. Kaval'. Belarus' 13 no. 10 6-9 O '56.
For economical farm management. M. I. Kurkin. Sel'khoz. Povol. no. 9:68-71 S '56.
In one district. Aleksei Pershin. Rabotnitsa 34 no. 10: 6-7 O '56.
A kindergarten for each collective farm. S. Neginskii. Doshk. vosp. 20 no. 10:32-36 O '56.
Lyskin, N. F. [Development of the diversified economy of the "Rossiia" Collective Farm; from the practice of the "Rossiia" Collective Farm, Girgoripol', Novo-Aleksandrovsk district, Stavropol Territory] Razvitie mnogootraslevogo khoziaistva kolkhoza "Rossiia"; iz opyta kolkhoza "Rossiia" stanitsy Grigoripolisskoi Novo-Aleksandrovskogo raiona Stavropol'skogo kraia. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 26; also Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 7)
New developments in collective farm democracy. P. P. Piatnitskii. Sov. gos. i pravo no. 8:128-131 '56.
On a progressive collective farm. I. E. Sinitsyn. Sel'khoz. Povol. no. 9:72-74 S '56.
Orlovskii, K.P. [Every collective farm can be like this one] Takim mozhet stat' kazhdyi kholkhoz. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 109 p.
Osad'ko, M.P. [Agricultural artels under modern conditions of development] Sel'skokhoziaistvennaia artel' v sovremennykh usloviakh ee razvitiia. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 5)
Role of prospective planning in the development of collective farm communal economy. IU. M. Sholomii. Nauk. zap. Kiev. un. 15 no. 1:35-55 '56.
Satin, I.S. [Lowering the production unit cost on collective farms] Snizhenie zatrat na edinitsu kolkhoznoi produktsii. [Moskva] Moskovskii rabochii, 1956. 76 p.
System of management on collective farms. K. F. Gromakovskii. Zemledelie 4 no. 10:74-80 O '56.

COLLECTIVE FARMS—ACCOUNTING
Calculating the cost of labor and production on collective flax farms. IU. Antropov. Len. i konop. no. 8:12-16 O '56.
Calculating the economic effectiveness of various crops grown on the collective farm. A. A. Abramovich, Z. Kh. IAgudin. Sel'khoz. Povol. no. 9:63-68 S '56.
Reorganization of collective farm accounting. V. Sokolov. Bukhg. uchet 15 no. 10:16-25 O '56.

COLLECTIVE FARMS—HISTORY see subdivision under Kazakhstan; Ukraine

COLLECTIVISM
Sukhomlinskii, V. A. [Teaching collectivism to students; the practice of rural secondary schools] Vospitanie kollektivizma u shkol'nikov; iz opyta sel'skoi srednei shkoly. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 270 p.

COLLEGE AND SCHOOL DRAMA see subdivision under Moscow

COLLISIONS (NUCLEAR PHYSICS)
Elastic scattering of 580 Mev neutrons by protons [with English summary in insert]. IU. M. Kazarinov, IU. N. Simonov. Zhur. eksp. i teor. fiz. 31 no. 2:169-173 Ag '56.
Elastic scattering of 590 Mev neutrons by neutrons [with English summary in insert]. B. M. Golovin, V. P. Dzhelepov. Zhur. eksp. i teor. fiz. 31 no. 2:194-201 Ag '56.
Emission of γ-quanta on collisions of fast charged pions with nuclei. A. G. Sitenko. Dokl. AN SSSR 109 no. 6:1119-1122 Ag '56.
Energy losses by charge high-speed particles in absorbing media. V. A. Shakhbazian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:91-98 '56.
On the theory of collisions between electrons and atoms [with English summary in insert]. G. F. Drukarev. Zhur. eksp. i teor. fiz. 31 no. 2:288-301 Ag '56.
Production of charged mesons in beryllium and carbon by 660 Mev protons. M. G. Meshcheriakov and others. Zhur. eksp. i teor. fiz. 31 no. 1:55-62 Jl '56.

COLLOIDS
"Colloid science. Vol. I. Irreversible systems"; translated from the English. G. R. Kruyt. Reviewed by S. M. Levi. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:398 S-O '56.
Redox processes in colloidal solutions of various metal sulfides subjected to ultraviolet rays. E. M. Nanobashvili, L. P. Beruchashvili. Soob. AN Gruz. SSR 17 no. 7:607-614 '56.
Vsesoiuznaia konferentsiia po kolloidnoi khimii, 3d, Minsk, 1953. [Proceedings of the Third All-Union Conference on Colloidal Chemistry] Trudy... Moskva, Izd-vo Akademii nauk SSSR, 1956. 494 p.

COLLOIDS—SPECTRA
Infrared absorption spectrum analysis of the interaction of molecules with aluminosilica and silica gel surfaces. V. N. Filimonov. Opt. i spektr. 1 no. 4:490-499 Ag '56.
Spectrum analysis of the interaction of benzidine with bentonite, aluminosilica and silica gels. E. I. Kotov. Opt. i spektr. 1 no. 4:500-506 Ag '56.

COLON (ANATOMY)—SURGERY

One-stage total resection of the colon and rectum. A. M. Dykhno. Khirurgiia. 32 no. 7:78-80 Jl '56.

COLONIES

Datlin, S.V. [The downfall of imperialism's colonial system] Raspad kolonial'noi sistemy imperializma. Moskva, Gos. izd-vo polit. lit-ry, 1956. 69 p.

Downfall of the colonial system of imperialism and new relations among countries. A. Azizian. Vop. ekon. no. 10:3-23 O '56.

Lenin, I.M. [Colonialism is a disgrace to humanity] Kolonializm - pozor chelovechestva. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, no. 25)

V. I. Lenin on the nationalities question and colonialism. S. Imashev. Komm. Kazakh. 26 no. 11:12-18 N '56.

What is "colonialism" A. Demidenko. Otv. na vop. trud. no. 71:52-59 '56.

COLOR PHOTOGRAPHY

Answers to readers' letters. V. IA. Mikhailov. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:400 S-O '56

Practical variation in the color photographic process. V. IA. Mikhailov. Zhur. nauch. i prikl. fot. i kin. 1 no. 5: 393-395 S-O '56.

Relation between the total resolving power and the resolving power of the individual layers in multilayer color film. I. M. Kilinskii, IU. B. Vilenskii, M. K. Grechko. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:359-361 S-O '56.

COLORIMETRY

Formation and photocolorimetric analysis of a tungsten and rhondanide complex. D. N. Finkel'shtein. Zav. lab. 22 no. 8:911-915 Ag '56.

Measuring the chromaticity and brightness of luminophor radiation by means of a photoelectric colorimeter. E. P. Sidel'kovskii. Svetotekhnika 2 no. 5:21-22 S '56.

Photocolorimetric determination of vanadium and titanium. E. F. Pen'kova, A. V. Gladkova, T. V. Novikova. Zav. lab. 22 no. 8:918 Ag '56.

COLORING MATTER

Coloring matter and paraffin coatings for cheese. P. F. Vedishkin. Trudy VNIIS no. 3:77-80 '55.

COLUMBUS, CHRISTOPHER, 1451-1506

First discoverer of the New World; on the 450th anniversary of Christopher Columbus' death. IA. M. Svet. Priroda 45 no. 10:69-79 O '56.

COMBINES (AGRICULTURAL MACHINERY)

Combining is a progressive method of harvesting hemp. N. I. Kosnikov, M. L. Kosnikova. Len i konop. no. 6: 26-28 Ag '56.

Designed and tested. K. B. Ukraina no. 18:11 S '56.

Economic efficiency of intensive use of tractors and combines on state farms. M. Runchev. Vop. ekon. no. 10:49-55 O '56.

Fomin, I.I., and A.V.Krasnichenko. [Manual for the "Stalinets-6" combine] Rukovodstvo po kombainu "Stalinets-6." Izd. 3-e, ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 217 p.

Increase the effectiveness of combine harvesting. I. D. Eremeev. Sakh. svekl. no. 6:40-44 Ag '56.

Kandibor, A.I. [For high daily output on the combine] Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 39 p. (Peredovoi opyt v sel'skom khoziaistve) (DA)

[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no. 11 N '56.

[illegible] ce of the universal eccentric ronov. Sel'khozmashina

COMEDY

How to write a comedy. N. Nosov. Neva no. 10:197-202 O '56.

COMET, HALLEY'S

Halley's comet. Z. K. Novokshanova. Nauka i zhizn' 23 no. 10:63 O '56.

COMETS—CATALOGS

Catalog of absolute magnitudes of comets. S. K. Vsekhsviatskii. Astron. zhur. 33 no. 4:546-548 Jl-Ag '56.

COMMERCE

Leikina, N.S. [Responsibility for crime against Soviet trade; problems of qualification] Otvetstvennost' za prestupleniia protiv sovetskoi torgovli; voprosy kvalifikatsii. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 45 p.

Serebriakov, S.V. [The organization and the technique of Soviet trade; a textbook for commercial schools] Organizatsiia i tekhnika sovetskoi torgovli; uchebnik dlia torgovykh vuzov. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 420 p.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMUNICABLE DISEASES

Bunin, K.V. [Short handbook on the most important acute infectious diseases] Kratkoe rukovodstvo po vazhneishim ostrym infektsionnym boleznlam. Moskva, Medgiz, 1956. 165 p. (Biblioteka srednego medrabotnika) (DAFM)

Davydovskii, I.V. [Pathological anatomy and the pathogenesis of human diseases] Patologicheskaia anatomiia i patogenez boleznei cheloveka. Izd. 3-e., perer. i dop. Moskva, Medgiz.
Vol. I. [Infections diseases] Infektsionnye bolezni. 1956.
(DAFM)

Infectious diseases of children. M. A. Zhukovskii. Nauka i zhizn' 23 no. 10:25-26 O '56.

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICATIONS, MILITARY

Communication and observation on ships. N. Puzanov. Voen. znan. 31 no. 8:16-17 Ag '56.

COMMUNISM

Berdiaev, N.A. [The history and meaning of Russian communism] Istoriia i smysl russkogo kommunizma. Parizh, YMCA-press [1955] 157 p.
(NN)

Dual character of work under socialism. A. Livshits. Vop. ekon. no. 10:108-116 O '56.

Petrov, A.I. [What is socialist accumulation?] Chto takoe sotsialisticheskoe nakoplenie. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 44)

"Reflections on the failure of socialism" [in English]. Max Eastman. Reviewed by V. Shpilevoi. Vest. Inst. po izuch. SSSR no. 3:116-121 Jl-S '56.

Stalinism in Khrushchev's interpretation. A. Avtorkhanov. Vest. Inst. po izuch. SSSR no. 3:9-30 Jl-S '56.

Transition to socialism by means of a parliamentary system. A. Sobolev. Kommunist 33 no. 14:14-32 S '56.

Vital matter for millions. S. Levitin. Mol. komm. 14 no. 10:75-82 O '56.

COMMUNISM—HISTORY see subdivision under Ukraine

COMMUNIST EDUCATION

Brief news. Mosk. prop. 13 no. 9:80 S '56.

Entering the new school year. S. Cherkasov. Mosk. prop. 13 no. 10:33-36 O '56.

More attention to evening universities of Marxism - Leninism. F. Suslov. Mosk. prop. 13 no. 10:41-44 O '56.

New school year in the Communist Youth League system of political education. Mol. komm. 14 no. 10:3-9 O '56.

New school year in the party educational system. Mosk. prop. 13 no. 9:3-9 S '56.

Political agitation work during long voyages. I. Bebel'. Blok. agit. vod. transp. no. 10:17-24 O '56.

Political education of journalists. Sov. pech. no. 10:5-6 O '56.

Recommended themes for lecture groups of municipal, provincial and territorial committees of the Communist Party of the Soviet Union and central committees of communist parties of union republics. Komm. Bel. 29 no. 10:86-94 O '56.

Strengthen direction of party propaganda. Kommunist 33 no. 14:3-13 S '56.

The study of Marxist-Leninist theory raises the standard of the ideological training of students. L. F. Dobrodomova. Vest. vys. shkoly 14 no. 10:16-19 O '56.

COMMUNIST PARTY see subdivision under China; Germany; Korea, North; Poland

COMMUNIST PARTY—[illegible] under China; Korea, North

COMMUNIST PARTY OF THE [illegible] (see also subdivision under [illegible] vaya; White Russia)

Factory party conferences. [illegible] S '56.

Important task for the building [illegible] Communist Party in the [illegible] revolution in the U.S.S.R." [illegible] cultural and technical level [illegible] the U.S.S.R." O. Gubanov [illegible] lov). Sov. Ukr. 6 no. 9:101 [illegible]

Kommunisticheskaia partiia [illegible] of the Communist Party of the [illegible] by the 19th Party Congress [illegible] 20th Party Congress)] Uniav[illegible] partii (Chastichnyi [illegible] KPSS). [Moskva] Gos. izd-[illegible]

Our mind, our honor and [illegible] kolkh. 33 no. 9:8 S '56.

Petrov, I. F. [The great [illegible] policy] Velikaia zhiznennaia [illegible] stichonkoi partii. Moskva, [illegible] 55 p. (Vsesoiuznoe obshchestvo [illegible] politicheskikh i nauchnykh [illegible]

Report on the party meeting [illegible] S '56.

Should the admittance of [illegible] organization be announced [illegible] no. 10:71 S '56.

COMMUNIST PARTY OF THE [illegible] BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE [illegible] GRESSES

Chernikov, K.V. [The twelfth [illegible] Communist Party(Holsheviki)] [illegible] talia RKP(b). Moskva, [illegible] 49 p. (S"ezdy i konferentsii [illegible]

Institut zur Erforschung der [illegible] of the Institute for the Study of [illegible] July 23-24, 1956). The 20th [illegible] Party of the Soviet Union [illegible] and discussions] VIII Konferentsiia [illegible] chenilu SSSR (Miunkhen, [illegible] s"ezd KPSS i sovetskaia [illegible] diskussii. Miunkhen, [illegible]

Tasks in the development of [illegible] the decisions of the 20th [illegible] Party of the Soviet Union. [illegible] khim. 29 no. 4:481-485 Ap [illegible]

Tikhomirnov, G. [Eleventh [illegible] munist Party] Odinnadtsatyi s[illegible] Gos. izd-vo polit. lit-ry, [illegible] rentsii KPSS)

COMMUNIST PARTY OF THE [illegible] (see also subdivision under [illegible]

All-Russian Conference of [illegible] P. I. Drabkina. Vop. ist. [illegible]

[Answers to questions on the [illegible] Course on the All-Union Communist [illegible] voprosy po pervoi glave kratkogo [illegible] [Moskva] Moskovskii rabochii [illegible] lushchim istoriiu VKP(b).
No. 1. 1947. 41 p.

The Communist Party was the [illegible] force for the victory of the [illegible] Revolution. I. F. Petrov. [illegible] 10-25 S-O '56.

The Communist Party was the [illegible] the Great October Socialist [illegible] Komm. Bel. 29 no. 10:20-32 O '56.

For a profound study of the history of the [illegible] Party of the Soviet Union. [illegible] spets. obr. no. 10:7-11 O '56.

Methodological sections help to [illegible] Khavronin. Vest. vys. shkoly 14 no. [illegible]

Model topic plan for study groups and seminars in the study of the history of the Communist Party of the Soviet Union for the 1956-1957 [illegible] prop. 13 no. 9:53-56 S '56.

Study creatively the history of the Communist Party of the Soviet Union. N. Rubach. [illegible] no. 9:10-16 S '56.

Study of the glorious history of our [illegible] propagandist and listener groups in the system of Communist Party of the Soviet Union. A. [illegible] Mol. komm. 14 no. 10:94-102 O '56.

Topic list of dissertations defended in the summer semester of 1955 for the academic degree of Historical Sciences in the field of the History of the Communist Party of the Soviet Union. [illegible] shkoly 14 no. 10:60-63 O '56.

COMMUNIST PARTY OF THE SOVIET [illegible] BIBLIOGRAPHY see Bibliography—History of the Communist Party of the Soviet Union—History

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Akmolinsk Province; Baranovichi; Berestovitsy District; Dnepropetrovsk; Gorkiy; Kazakhstan; Moscow Province)
Improve work with secretaries of primary organizations. Part. zhizn' no. 18:3-8 S '56.
In railroad brigades. A. Razumeev. Mosk. prop. 13 no. 9:48-52 S '56.
Listen closely to critical remarks and suggestions of Communists. Mosk. prop. 13 no. 9:40-45 S '56.
Party chronicle. Komm. Kazakh. 26 no. 11:63-64 N '56.
Party news. Part. zhizn' no. 18:70 S '56.
Party organizations and the school. O. Kochina. Mosk. prop. 13 no. 9:45-49 S '56.
The primary party organization. Komm. Kazakh. 26 no. 11:2-7 N '56.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union—Party work

COMMUNIST YOUTH LEAGUE
(see also subdivision under Gorkiy; Moscow; Ordzhonikidze)
"Class leaders on their work with Pioneers and the Communist Youth League." Reviewed by K. A. IUshchenko. Rad. shk. 35 no. 10:52-53 O '56.
Communist Youth League news. Mol. komm. 14 no. 10: 92-93 O '56.
Crimean orchards are beginning to rustle. L. Strong, G. Sokolov. Mol. komm. 14 no. 10:63-67 O '56.
Follow-up on our articles. Mol. komm. 14 no. 10:93 O '56.
For lively organizational work among young soldiers. G. Shatunov. Mol. komm. 14 no. 10:10-17 O '56.
[Great potentials; stories of committee secretaries of the Communist Youth League in trade schools about Communist Youth League work] Bol'shie rezervy; rasskazy sekretarei Komitetov VLKSM remeslennykh uchilishch o rabote komsomol'skikh organizatsii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 160 p.
In our state farm on virgin land. N. Khoroshun. Mol. komm. 14 no. 10:45-47 O '56.
Instructive story about the training of young workers ("The training of young workers." V. Lotkov. Reviewed by V. Nesterov). Mol. komm. 14 no. 10:126-128 O '56.
Let us build Kazakhstanskaya Magnitka. V. Selitrina. Mol. komm. 14 no. 10:44-45 O '56.
One can minimize losses. A. Diatlov. Mol. komm. 14 no. 10:91-92 O '56.
The story of a comrade. N. Trotiskii. Mol. komm. 14 no. 10:103-107 O '56.
What stirs us. V. Pavlov. Mol. komm. 14 no. 10:83-85 O '56.
What's new in your Communist Youth League organization? Mol. komm. 14 no. 10:23-26 O '56.

COMMUNISTS—FICTION
People of the great revolution. F. Svetov. Znamia 26 no. 11:177-183 N '56.

COMMUNITY CENTERS
(see also subdivision under Bratsk; China; Kazan; Leningrad; Lyudinovo; Rostov-on-Don)
Painful subjects. N. Gushnskii. Klub 6 no. 10:10-11 O '56.

COMMUNITY LIFE see subdivision under Leningrad Province

COMPANION CROPS
Growing corn in mixtures on green fallow. S. L. Sobolev, E. I. Belov. Kukuruza 1 no. 5:37-39 Ag '56.

COMPASS
Mal'tsev, V.N. [Latitudinal magnetic compensator] Shirotnyi magnitnyi kompensator. Moskva, Izd-vo "Morskoi transport," 1956. 100 p.

COMPETITION, SOCIALIST see Socialist competition

COMPETITIONS see Rewards (Prizes, etc.)

COMPOSERS, MOLDAVIAN
[Composers of the Moldavian S.S.R.; brief sketches of their life and works] Kompozitory Moldavskoi SSR; kratkie ocherki zhizni i tvorchestva. Kishinov, Gos. izd-vo Moldavii, 1956. 179 p.

COMPOST
Tarasova, A. A. [Peat compost] Torfianye komposty. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 87 p. (DA)

COMPOUNDS, COMPLEX
Application of spectrophotometry for studying complex formation in solutions. S. A. Shchukarev, O. A. Lobaneva. Vest. Len. un. 11 no. 16:64-73 '56.
New ionic refraction. G. B. Bokii, S. S. Batsanov. Kristallografiia 1 no. 1:81-89 '56.
Using complexone III for improving the specificity of the dithizone method for determining silver. V. G. Goriushina, E. IA. Gaitis. Zav. lab. 22 no. 8:905-907 Ag '56.

COMPOUNDS, COMPLEX—SPECTRA
Raman spectra of complex-compounds of antimony trichloride with benzene and their derivatives. Sh. Sh. Ruskin. Opt. i spektr. 1 no. 4:516-522 Ag '56.

COMPOUNDS, HIGH MOLECULAR WEIGHT see High molecular weight compounds

COMPRESSED AIR
Measures for reducing the amount of compressed air used in the factory. Suggestion by V. S. Artiukh and others. Prom. energ. 11 no. 10:24-25 O '56.

COMPRESSIBILITY
Measuring the density of liquids subjected to high pressures. V. N. Razumikhin. Izm. tekh. no. 4:28-31 Jl-Ag '56.
Speed of sound and the compressibility of aqueous solutions of inorganic acids. I. G. Mikhailov, V. A. Shutilov. Vest. Len. un. 11 no. 16:16-28 '56.

COMPRESSORS
High-pressure hydraulic compressor. A. A. Semerchan. Vest. AN SSSR 26 no. 10:38-40 O '56.

COMPRESSORS—COOLING
Evaporative cooling system for diesel and compressor installations. M. V. Popov. Energetik 4 no. 10:20-22 O '56.

COMPRESSORS—WELDING
Automatic welding of compressor receivers. M. A. Maze. Stroi. i dor. mashinostr. 1 no. 10:31-32 O '56.

COMPRESSORS, AIR see Air compressors

CONCERTS see subdivision under Armavir; Europe; Franco; Kiev; Kislovodsk; Kuybyshev; Latin America; Leningrad; Minsk; Palanga; Riga; Saransk; Smolensk; Tallinn; Tomsk

CONCRETE
Calculating the heat of hardening during the heat and moisture treatment of concrete. N. B. Mar'iamov, G. A. Leitsin. Bet. i zhel.-bet. no. 10:367 O '56.
Concretes with chloride salt additives. E. K. Grabinskii. Nov. tekh. i pered. op. v stroi. 18 no. 10:3-5 O '56.
Dosov, A. E. [Rapid hardening concrete] Bystrotverdeiushchii beton. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 30 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. Nauchnoe soobshchenie, no. 22)
Effect of drying process on the hardening of concrete (from "Zement-Kalk-Gips," no. 2, 1956). Bet. i zhel.-bet. no. 10:375 O '56.
Fine white sand as admixture for mortars and concretes used in ornamental patterns. K. G. Bel'tiukov. Nov. v stroi. tekh. no. 8:51-59 '56.
Ginzburg, TS.G. [Plastification additives in concrete used in hydraulic engineering] Plastifitsiruiushchie dobavki v gidrotekhnicheskom betone. Moskva, Gos. energ. izd-vo, 1956. 143 p.
Investigating coarse porous concrete made with screened crushed brick. M. S. Klimushkin. Bet. i zhel.-bet. no. 10:366 O '56.
Komissarov, L.A. [Experience in the electric heating of concrete and reinforced concrete] Opyt primeneniia elektroprogreva betona i zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 79 p.
Lining cast-iron vats. N. D. Kuznetsov. Gidroliz. i lesokhim. prom. 9 no. 4:27 '56.
Mixing find sand and loesslike sandy loam with concrete. A. M. Gershanik. Bet. i zhel.-bet. no. 10:370-372 O '56.
Modernized concrete mixers. F. A. Lapir. Stroi. i dor. mashinostr. 1 no. 10:10-21 O '56.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po stroitel'stvu. [Provisional instructions for the selection of concrete resistant to aggressive media] Vremennaia instruktsiia po vyboru betonov, stoikikh v agressivnykh sredakh. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 49 p.
Producing foamed and gas-entrained cellular concretes. I. T. Kudriashev. Biul. stroi. tekh. 13 no. 9:4-7 S '56.
Production of high-strength stiff concretes. A. Ul'ianova. Stroi. mat., izdel. i konstr. 2 no. 9:31 S '56.
Selecting concrete mixes according to a placeability index. G. L. Gershanovich. Gidr. stroi. 25 no. 9: 31-32 O '56.
Separate method for preparing concrete and mortar mixtures made with calcium chloride agents. V. A. Burenin. Bet. i zhel.-bet. no. 10:349-350 O '56.
Strength of mortars and concretes. IU. E. Kornilovich. Nov. v stroi. tekh. no. 9:5-21 '56.
Using "cold" concrete. N. M. Molokanov. Bet. i zhel.-bet. no. 10:347-348 O '56.

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—COLD WEATHER CONDITIONS
Damage done to green concretes by freezing temperatures (from "Journ. Amer. Concrete Institute," no. 1, 1956). Bet. i zhel.-bet. no. 10:374-375 O '56.
Heating concrete aggregates under cold weather conditions. E. IU. Brainina, D. V. Zhukov. Nov. tekh. i pered. op. v stroi. 18 no. 10:5-8 O '56.

CONCRETE—TESTING
Investigation of compression strain properties of ordinary and lightweight concretes. G. D. TSiskreli. Trudy TbilZHT no. 22:157-210 '50.

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE, REINFORCED see Reinforced concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONDUITS
[Building of conduits and bridges for automobile roads; a collection of articles] Stroitel'stvo trub i mostov na avtomobil'nykh dorogakh; sbornik statei. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 50 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

CONCRETE CONSTRUCTION
Experience with using concrete pumps in building the Gorkiy water power development. IU. S. Lukenberg. Mekh. stroi. 13 no. 9:9-13 S '56.
On engineering standards and usual excesses in building hydraulic structures. A. A. Zagriazhskii. Gidr. stroi. 25 no. 10:15-19 O '56.
Pneumatic jet for cement work. A. G. Votinov. Gidr. stroi. 25 no. 9:57-58 O '56.
Using vibration pouring tubes in submarine concreting. D. IU. Kharlab. Bet. i zhel.-bet. no. 10:373-374 O '56.

CONCRETE CONSTRUCTION—FORMWORK
Usenko, V.M. [Models for reinforced concrete construction] Opalubochnye formy zhelezobetonnykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 211 p.

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS
Basic equipment for standard continuous-operation concrete plants. V. A. Ogievich and others. Stroi. i dor. mashinostr. no. 9:8-13 S '56.
Erecting the framework of concrete plants. N. D. Shestak. Avt. dor. 19 no. 9:11-12 S '56.
A useful book on the organization and operation of concrete plants. ("Concrete plants for building automobile roads" by V. I. Morozov. Reviewed by V. Prusov.) Avt. dor. 19 no. 9:31-32 S '56.

CONCRETE SLABS
Blocks with chink shaped and large cavities for basement walls. O. I. Faminskii. Bet. i zhel.-bet. no. 10: 369-370 O '56.
Making reinforced concrete panels with oval-shaped vaulted cavities for ceilings. S. D. Malashin. Bet. i zhel.bet. no. 10:368-369 O '56.
Standardization of slabs and envelopes. N. Avdalov. Gidr. stroi. 25 no. 9:56-57 O '56.

CONDENSERS (ELECTRICITY)
(see also subdivision under United States)
Anomalous polarization in titanium dioxide polycrystals. N. P. Bogoroditskii, I. D. Fridberg, N. M. TSvetkov. Zhur. tekh. fiz. 26 no. 9:1890-1901 S '56.
Arrangement of capacitors for power factor improvement. A. A. Printsev, G. L. Gol'dmershtein. Prom. energ. 11 no. 9:34-35 S '56.
Effect of the method of power factor improvement on the value of voltage loss in lighting equipment networks. B. I. Gol'denblat. Prom. energ. 11 no. 9:23-25 S '56.
Metal and paper condensers. R. Mikhailov. Radio no. 10:31-32 O '56.
Protection of capacitor equipment against overheating due to high temperatures of ambient air. V. V. Glushko, D. I. Gertsenshtein. Prom. energ. 11 no. 8:10-11 Ag '56.
Publication of an information bulletin on capacitor repairing. M. I. Kireev. Prom. energ. 11 no. 10:36 O '56.

CONDENSERS (STEAM)
Washing turbine condensers with a solution of sodium triphosphate. S. N. Nezlobin. Energetik 4 no. 10:18 O '56.

CONDENSERS (VAPORS AND GASES)
Automatic control of the level in a cracking installation condenser. P. T. Sverbil'. Neftianik 1 no. 7:29-30 '56.
Automatic control of the level in auxiliary condensers. B. P. Filatov. Neftianik 1 no. 9:7-8 S '56.

COOPERATIVE SOCIETIES (Continued)

In honor of the 39th anniversary of the Great October. Prom. koop. no. 10:3-4 O '56.

COOPERATIVE SOCIETIES—FINANCE see subdivision under Ul'yanovsk Province

COOPERATIVE SOCIETIES—PERIODICALS

Measures for improving the periodical "Promyslovaia kooperatsiia." Prom. koop. no. 10:38-39 O '56.

COPENHAGEN—DESCRIPTION

Visiting Danish scientists. B. A. Tikhomirov. Neva no. 10:159-166 O '56.

COPEPODA see subdivision under Soviet Far East

COPPER

Differential capacity of copper anodes in $H_3PO_4$ (with English summary in insert). S. I. Kichmar, L. A. Shapunov, V. P. Galushko. Zhur. fiz. khim. 30 no. 7: 1452-1454 Jl '56.

COPPER—ANALYSIS

Method for spectral analysis of cathode copper for metallic admixtures. V. L. Ginzburg, I. N. Gramenitskii, D. M. Livshits. Zav. lab. 22 no. 8:927-930 Ag '56.

COPPER—CORROSION

Use of naphtha soap as anticorrosive for copper powder. A. V. Pomosov, E. E. Krymskova. Zhur. prikl. khim. 29 no. 9:1435-1436 S '56.

COPPER—ISOTOPES

Spectroscopic determination of the nuclear moments of $Cu^{63}$ and $Cu^{65}$. N. I. Kaliteevskii, M. P. Chaika. Opt. i spektr. 1 no. 5:606-611 S '56.

COPPER—METALLOGRAPHY

Investigation of copper sintering processes. R. I. Harber, L. M. Poliakov, V. M. Mykhailov'skyi. Ukr. fiz. zhur. 1 no. 1:88-97 '56.

COPPER—SPECTRA

Fluorescent method for investigating the asymmetry and breadth of the $K\alpha_{1,2}$-line of copper and manganese atoms in Heusler alloys. B. I. Kotliar. Izv. AN SSSR. Ser. fiz. 20 no. 7:700-703 Jl '56.

X-ray emission spectra on Mn and Cu in Geissler alloy within the range of magnetic transformation temperatures. E. E. Vainshtein, B. I. Kotliar. Dokl. AN SSSR 110 no. 1:44-47 S-O '56.

COPPER-ALUMINUM ALLOYS see Aluminum-copper alloys

COPPER-ALUMINUM-MANGANESE ALLOYS see Manganese-copper-aluminum alloys

COPPER CHLORIDES

Reactions of salts with metals in melts. Interaction of CuCl with zinc. A. P. Palkin, G. P. Chepurko. Zhur. neorg. khim. 1 no. 8:1832-1842 Ag '56.

COPPER CRYSTALS

Effect of high pressure on the recrystallization of copper. V. I. Arkharov, D. K. Bulychev. Fiz. met. i metalloved. 3 no. 1:76-78 '56.

COPPER FERROCYANIDES

Structural and osmotic properties of colloidal and sedimented copper ferrocyanide membranes. I. F. Karpova, L. A. Ignat'eva. Vest. Len. un. 11 no. 16: 105-109 '56.

COPPER-MANGANESE-ALUMINUM ALLOYS

X-ray emission spectra on Mn and Cu in Geissler alloy within the range of magnetic transformation temperatures. E. E. Vainshtein, B. I. Kotliar. Dokl. AN SSSR 110 no. 1:44-47 S-O '56.

COPPER ORGANIC COMPOUNDS

Certain properties of copper L-alaninate. Z. E. Gol'braikh. Zhur. neorg. khim. 1 no. 8:1739-1744 Ag '56.

COPPER PLATING

Mechanism of the effect of alkali metal ions on the electrodeposition of copper. N. V. Nikolaeva, B. B. Damaskin. Zhur. fiz. khim. 30 no. 7:1676-1677 Jl '56.

COPPER PYROPHOSPHATES

Composition of the pyrophosphate copper bath; discussion. E. A. Ukshe, A. I. Levin. Zhur. ob. khim. 26 no. 9:2657-2659 S '56.

COPPER SULFATE

Efficient utilization of heat in the production of copper sulfate. B. D. Stepin, I. A. Gil'denblat, S. A. Grinshtein. Khim. prom. no. 5:303-305 Jl-Ag '56.

COPYRIGHT

"Soviet copyright law." M. V. Gordon. Reviewed by A. I. Vaksberg, I. A. Gringol'ts. Sov. gos. i pravo no. 7:142-145 '56.

CORLUMIDINE

Study of alkaloids from Leontice Ewersmannii Bge. Part 4. Structure of the alkaloid taspine. T. F. Platonova, A. D. Kuzovko, IU. N. Sheinker. Zhur. ob. khim. 26 no. 9:2651-2656 S '56.

CORN (MAIZE)

(see also subdivision under Azerbaijan; China; Georgia; Kazakhstan; Krasnodar Territory; Latvia; Molotov Province; Rostov Province; Rumania; Saratov Province; Siberia; Tatar A. S. S. R.; Tuva Autonomous Province; Ul'yanovsk Province; Voronezh Province; White Russia)

Achievements of Berezovka corn growers. P. A. Khomko. Kukuruza 1 no. 5:7-8 Ag '56.

All-Union Conference of Scientific Research Workers and Agricultural Specialists. Kukuruza 1 no. 4:7 Jl '56.

Andronov, A. S. [Corn for grain and silage; experience of the experimental farm of the Kirghiz Stockbreeding Research Institute] Kukuruza na zerno i silos; opyt eksperimental'noi fermy Kirgizskogo nauchno-issledovatel'skogo instituta zhivotnovodstva. Frunze, Kirgizskoe gos. izd-vo, 1955. 22 p. (DA)

At the Peterlauki Experiment Station. J. A. Štikans, O. K. Upītis. Kukuruza 1 no. 5:44-46 Ag '56.

Cooperation between tractor and field groups. A. A. Freiman. Kukuruza 1 no. 5:19-21 Ag '56.

Corn as a crop to precede hemp. K. L. Alpatova. Len i konop. no. 6:24-25 Ag '56.

Corn for summer feeding of sheep. N. IA. Doroshenko. Ovtsevodstvo no. 9:41-43 S '56.

Corn growing and tasks of the agricultural science. A. A. Lutenskii. Kukuruza 1 no. 5:14-16 Ag '56.

Corn growing on the Budennyi Collective Farm. M. A. Posmitnyi, V. A. Bondarenko. Kukuruza 1 no. 4:14-16 Jl '56.

Corn growing on the "Petrovskoe" State Farm in Moscow Province. P. P. Sosedov. Kukuruza 1 no. 4:28-30 Jl '56.

Corn in field crop rotations. I. S. Godulian. Kukuruza 1 no. 4:25-27 Jl '56.

Device for husking corn. N. F. Bogach. Kukuruza 1 no. 5:55 Ag '56.

Dry and irrigation farming. N. Borzikov. Kukuruza 1 no. 5:24-25 Ag '56.

Drying seed corn. A. N. Repin. Kukuruza 1 no. 5:28-32 Ag '56.

Experience of participants in the All-Union Agricultural Exhibition. I. Nezdolia. Kukuruza 1 no. 4:21-24 Jl '56.

Experiment on the use of maximal rations of corn silage in fattening cattle. V. I. Nekrasova. Zhivotnovodstvo 18 no. 10:74 O '56.

For new achievements. V. S. Popov. Kukuruza 1 no. 4: 10-13 Jl '56.

Growing corn in mixtures on green fallow. S. L. Sobolev, F. I. Belov. Kukuruza 1 no. 5:37-39 Ag '56.

Growing corn on improved and irrigated soils. IA. N. Lisovskii. Kukuruza 1 no. 5:42-43 Ag '56.

Hundred tons of hybrid seed to the state. Sh. Kabilova. Kukuruza 1 no. 5:54-55 Ag '56.

Important tasks. Nauka i zhizn' 23 no. 10:35-36 O '56.

In the last century. S. Novikov. Kukuruza 1 no. 4:49-50 Jl '56.

Machines for shelling corn. G. M. Gin'ko. Kukuruza 1 no. 5:36 Ag '56.

Narrow-row sowing of corn for grazing. V. M. Dudarev. Sel'khoz. Povol. no. 9:70 S '56.

On two neighboring collective farms. Kukuruza 1 no. 5: 51 Ag '56.

Our experience of corn cultivation in the agrometeorological service. N. P. Fedorova. Meteor. i gidrol. no. 8:43-45 Ag '56.

Particular aspects of corn cultivation practices in the southern trans-Ural region. K. D. Pirozhnikov. Kukuruza 1 no. 4:38-41 Jl '56.

Quality of the literature on corn growing. A. Potashov. Kukuruza 1 no. 4:60-63 Jl '56.

Sowing corn on stubble in irrigated areas. V. I. Svinarev. Kukuruza 1 no. 5:40-41 Ag '56.

CORN (MAIZE)—BIBLIOGRAPHY see Bibliography—Corn (Maize)

CORN (MAIZE)—DISEASES AND PESTS

(see also subdivision under Ukraine; United States)

Briantsev, B. A. [Controlling corn diseases and pests] Bor'ba s vrediteliami i boleznami kukuruzy. Moskva, Gos. izd-vo selkhoz lit-ry, 1955. 46 p. (UA)

Comparative evaluation of the resistance of corn varieties and hybrids to corn smut, fusarium and bacteriosis. N. A. Cheremisinov. Kukuruza 1 no. 4: 47-48 Jl '56.

Nigrospora cob rot and its control. T. A. Kulik. Kukuruza 1 no. 4:44-46 Jl '56.

CORN (MAIZE)—EXHIBITIONS

At the All-Union Agricultural Exhibition. Kukuruza 1 no. 5:26-27 Ag '56.

CORN (MAIZE)—HARVESTING

For organized harvesting of good corn crops. F. E. Kozyrev. Kukuruza 1 no. 5:4-6 Ag '56.

Harvesting in separate operations. G. T. Krasnoshapka. Kukuruza 1 no. 5:17-18 Ag '56.

How we organized harvesting. A. F. Smirnov, A. N. Moryganov. Kukuruza 1 no. 5:33-35 Ag '56.

Get the corn crop harvested in good time. Kukuruza 1 no. 5:1-3 Ag '56.

CORN (MAIZE)—HISTORY

History of corn growing. L. Sazanova. Kukuruza 1 no. 5:61-62 Ag '56.

CORN (MAIZE)—STORAGE

How to harvest and store seed corn. Kukuruza 1 no. 5: 11-13 Ag '56.

Preparing seed corn for storage. A. I. Marushev. Sel'khoz. Povol. no. 9:37-40 S '56.

CORN (MAIZE)—THERAPEUTIC USE

Medicine made of corn. T. Soldatova. Nauka i zhizn' 23 no. 11:52 N '56.

CORN (MAIZE)—VARIETIES

Comparative evaluation of the resistance of corn varieties and hybrids to corn smut, fusarium and bacteriosis. N. A. Cheremisinov. Kukuruza 1 no. 4: 47-48 Jl '56.

CORN BREEDING

Effect of mentor plant pollen in the self-pollination of corn. A. E. Kovarskii. Sel. i sem. 21 no. 4:7-12 '56.

In scientific research institutions. Kukuruza 1 no. 5: 56 Ag '56.

CORN PICKER (MACHINE)

Diagram and design of the KSK-2, 6 corn silage harvester. N. E. Reznik. Sel'khozmashina no. 9:3-6 S '56.

My work with the KU-2 combine. N. A. Sokhan'. Kukuruza 1 no. 4:8-9 Jl '56.

CORNS see Callosities

CORONA (ELECTRICITY)

Direct components of corona discharges in high-frequency fields. P. A. Petrov, A. A. Kuzovnikov. Vest. Mosk. un. 11 no. 6:39-46 Je '56.

Physical conditions of corona discharge formation due to alternating voltage. G. N. Aleksandrov. Zhur. tekh. fiz. 26 no. 8:1769-1781 Ag '56.

CORONA, SOLAR see Sun—Corona

CORONARY ARTERIES—DISEASES

Early diagnosis and therapy of hypertensive disease and its significance for prevention of coronary insufficiency. L. A. Varshamov. Sov. med. 20 no. 9:11-15 S '56.

Experimental coronary insufficiency and its conditioned reflex production. S. I. Teplov. Fiziol. zhur. 42 no. 9: 745-751 S '56.

CORPULENCE

Fashions for the stout. A. Blank. Rabotnitsa 34 no. 11:32 N '56.

Present-day questions on the pathology of metabolism in diabetes and obesity. S. M. Leites. Sov. med. 20 no. 9: 38-44 S '56.

CORRELATION (STATISTICS)

Mathematical theory of correlated random points. P. L. Kuznetsov, R. L. Stratonovich. Izv. AN SSSR. Ser. mat. 20 no. 2:167-178 Mr-Ap '56.

CORRESPONDENCE see Letter writing

CORRESPONDENCE SCHOOLS AND COURSES

(see also subdivision under United States)

Correspondence courses for the merchant marine should be developed in every possible way. A. Borisov. Mor. flot 16 no. 10:23-24 O '56.

Possibilities for improving technical education in correspondence and evening schools. D. V. Aleksandrov and others. Vest. vys. shkoly 14 no. 10:24-27 O '56.

CORROSION, ELECTROLYTIC see Electrolytic corrosion

CORROSION AND ANTICORROSIVES

Ammonia treatment of feed water in high-pressure generating plants. P. A. Akol'zin, Z. I. Zeitseva. Elek. sta. 27 no. 9:14-17 S '56.

Automatic flux techniques used for welding rusty metals. A. G. Mazel', B. P. Vasil'kov. Trudy VNIISTROINEFT' no. 7:5-14 '56.

Controlling corrosion of brass tubes. B. V. Donskoi, E. F. Kovtaniuk. Energetik 4 no. 10:19 O '56.

Corrosion protection of apparatus for the production of superphosphate. V. V. Andreev. Khim. prom. no. 5: 299-302 Jl-Ag '56.

Corrosion protection of metal equipment and reinforced concrete structures in tobacco fermenting plants. L. S. Gal'bkhaer. Tabak 17 no. 3:22-23 '56.

Corrosive effect of the wild rose. M. L. Frumkin. Nauka i zhizn' 23 no. 10:63 O '56.

Machine removal of anticorrosive material from B2-300 diesel engines. A. N. Lobkin. Neftianik 1 no. 10:32 O '56.

Protection against salt corrosion. A. L. Seifer. Priroda 45 no. 10:84-85 O '56.

Studying the effect of wine on the corrosion of metals. A. V. Avdeev, V. D. Orlova. Vin. SSSR 16 no. 5:7-8 '56.

The use of ground treated with black binders for the protection of tank floors from subsurface corrosion. K. N. Kupretanov. Trudy VNIISTROINEFT' no. 6:81-96 '56.

CORTINA D'AMPEZZO, ITALY—HORSEMANSHIP
Analyzing performances of Soviet horsemen at the Seventh Winter Olympic Games. E. I. Ebel'. Teor. i prak. fiz. kul't. 19 no. 9:658-660 '56.

CORTISONE
Industrial synthesis of cortisone. N. N. Suvorov. Med. prom. 10 no. 3:22-27 Jl-S '56.

COSMETICS
Health advice. Zdorov'e 2 no. 10:31-32 O '56.

COSMIC RAYS
Cascade showers produced by electrons and photons in light and heavy elements. I. P. Ivanenko. Zhur. eksp. i teor. fiz. 31 no. 1:86-104 Jl '56.
Composition of primary cosmic rays. V. L. Ginzburg, M. I. Fradkin. Astron. zhur. 33 no. 4:579-587 Jl-Ag '56.
Passing of nucleon component through the atmosphere. G. S. Saakian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 7:79-104 '56.
[Progress in cosmic ray physics. Translated from the English] Fizika kosmicheskikh luchei; sovremennye dostizheniia. Sostavleno gruppoi avtorov pod red. Dzh. Vil'sona. Perevod s angliiskogo L. Kh. Eidusa. Moskva, Izd-vo inostrannoi lit-ry. Vol. 2. 1956. 279 p.
Solution of the fundamental diffusion equation for cosmic ray particles emitted by a constant-energy concentrated pulsed source. IU. A. Popov. Zhur. eksp. i teor. fiz. 31 no. 1:80-85 Jl '56.
Zhdanov, G. B. [Rays from the world's depths] Luchi iz mirovykh glubin. Izd. 3-e, perer. i dop. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1952. 122 p.

COSMOGONY
Continuing process of stellar evolution in spherical components. I. S. Shklovskii. Astron. zhur. 33 no. 4:631-633 Jl-Ag '56.
Infinity and eternity of the universe. I. G. Ivanov. Nauka i zhizn' 23 no. 10:39-42 O '56.
Role of solid particles in planetary cosmogony. O. IU. Shmidt. Priroda 45 no. 11:3-6 N '56.

COSMOGRAPHY
Kharadze, E. K. [In the depths of the universe] V glubinakh vselennoi. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 45)

COSMOLOGY
Theory of relativity and the structural infinity of the universe. G. M. Idlis. Astron. zhur. 33 no. 4:622-626 Jl-Ag '56.

COST AND STANDARD OF LIVING
(see also subdivision under Germany, West)
The most important task is to raise the standard of living and to extend human rights. Tom Drinkwater. Vsem. prof. dvizh. no. 9 insert:6-7 S '56.

COSTS, INDUSTRIAL
Basic methods for lowering industrial production costs. IE. M. Borbenko. Nauk. zap. Kiev. un. 15 no. 1:17-34 '56.
Book on means for reducing production costs in Soviet industry ("Production costs and computing problems in Soviet industry." V. A. Bunimovich. Reviewed by S. Shakhnovskaia). Vop. ekon. no. 10:120-130 O '56.

COSTUME, KIRGHIZ see subdivision under Murgab Valley

COSTUME, KOREAN
How to make a Korean costume. V. Sokolovskaia. Klub 6 no. 10:25 O '56.

COTTON, EUGENIE, 1881-
Eugene Cotton. Ol'ga Bondarenko. Rabotnitsa 34 no. 10: 8 O '56.
Eugénie Cotton is 75 years old. Zoia Ivanova. Rad. zhin. 11 no. 10:7 O '56.
Outstanding fighter for peace; on Eugénie Cotton's 75th birthday. Ul. Idel'son. Belarus' 13 no. 10:31 O '56.

COTTON
Biochemical characteristics of early and late cotton varieties against the background of factors accelerating their development. A. G. Toshchevikova, A. V. Mysina, N. A. Sokolova. Trudy SAGU no. 53:71-88 '54.
Cotton under current. G. Vladimirova. Ogonek 34 no. 47:25 N '56.
Development of cotton plants as affected by the density of stands. N. A. Todorov, A. I. Neshina. Trudy SAGU no. 53:89-125 '54.
Dynamics of development of the embryo in different cotton varieties of the species G. Hirsutum L. Z. M. Pashchenko. Trudy SAGU no. 53:59-70 '54.
Effect of galenicals from the root rind of upland cotton on the contractility of unstriated uterine muscles under experimental conditions. R. K. Aliev, P. A. IUzbashinskaia. Uch. zap. AGU no. 11:59-69 '55.
Effect of nitrogen and phosphate nutrition on the fruiting and yield of cotton. N. A. Todorov, A. I. Neshina. Trudy SAGU no. 53:127-140 '54.
Embryological study of the cotton plant. I. D. Romanov. Trudy SAGU no. 53:3-58 '54.
Nomogram for calculating the moisture content of cotton and cotton products. V. K. Korolev. Trudy Inst. energ. AN Uz. SSR no. 4:100-104 '50.
Phosphate nutrition of the cotton plant. M. Kh. Ibragimov. Trudy SAGU no. 53:141-148 '54.
Results of testing new chemical preparations for preharvest defoliation of cotton plants. F. M. Mauer. Agrobiologiia no. 5:134-140 S-O '56.
Romanov, I. D. [Embryological study of the cotton plant. Part 2] Embriologicheskie issledovaniia khlopchatnika. Part 2. Erevan, Izd-vo Erevanskogo univ., 1955. 43 p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 73, Biologicheskie nauki, no. 20)
Using bees for obtaining hybrid cotton seeds. I. A. Khalifman. Agrobiologiia no. 5:153-155 S-O '56.

COTTON—DRYING
Investigation of layer drying of raw cotton. M. I. Ismailov. Trudy Inst. energ. AN Uz. SSR no. 4:3-21 '50
Physical nature of the moisture of raw cotton. V. K. Korolev. Trudy Inst. energ. AN Uz. SSR no. 4:56-82 '50.
Pneumatic cotton dryer and its modification. V. K. Korolev. Trudy Inst. energ. AN Uz. SSR no. 4:22-55 '50.

COTTON—HARVESTING
Harvest cotton in the shortest time and without loss and deliver the whole crop to the government. Khlopkovodstvo 6 no. 10:1-4 O '56.

COTTON—TRANSPORTATION
Machinery for loading and unloading sugar beets. A. Samsonov. Avt. transp. 34 no. 9:10-11 S '56.
Organizing the transportation of cotton wool. N. Aleksandrov. Avt. transp. 34 no. 9:8-9 S '56.

COTTON BREEDING
(see also subdivision under India)
Vegetative hybridization between cotton species with different chromosome numbers. Ruzica Glavinic. Agrobiologiia no. 5:77-82 S-O '56.

COTTON DISEASES AND PESTS
Biology and economic significance of Orius albidipennis Reut. D. M. Kiranova. Trudy SAGU no. 53:149-164 '54.

COTTON GINS AND GINNING
Ginning of cull-cotton harvested with a SKN-4 cull-cotton picker. M. Pak. Khlopkovodstvo 6 no. 10: 48-51 O '56.

COTTON GROWING
(see also subdivision under Armenia; Azerbaijan; Bet-Pak-Dala; Leninabad Province; Tajikistan; Tashkent Province)
Artificial dewatering of cotton is an efficient method for completing harvesting in good time. V. Redkin, B. Firsov. Khlopkovodstvo 6 no. 9:30-34 S '56.
Brief news. Khlopkovodstvo 6 no. 10:63-64 O '56.
Brief news from abroad. Khlopkovodstvo 6 no. 10:59 O '56.
Brief notes. Khlopkovodstvo 6 no. 9:62-63 S '56.
Effectiveness of cotton defoliants. IU. V. Rakitin, K. E. Ovcharov. Dokl. Akad. sel'khoz. 21 no. 10:9-13 '56.
Great concern of the party and the government for the development of cotton growing and the prosperity of collective farms. Khlopkovodstvo 6 no. 9:1-3 S '56.
How we achieve high standards in the work of the machine-tractor station. A. Babich. Khlopkovodstvo 6 no. 9:41 S '56.
Improve the quality of raw cotton. V. Vizgin. Khlopkovodstvo 6 no. 9:7-10 S '56.
Increase the material interest of administrative workers of collective farms in higher cotton production. V. Kondakov, V. Lavrinenko. Khlopkovodstvo 6 no. 9: 20-24 S '56.
Irrigating cotton during the ripening period. D. Samarkin. Khlopkovodstvo 6 no. 9:25-29 S '56.
Leaflets on the experience of cotton growers participating in the All-Union Agricultural Exhibition. M. Cherkasskii. Khlopkovodstvo 6 no. 9:60-61 S '56.
Movement of soil moisture, water relations of soil, and methods for determining the time for irrigation cotton. S. N. Ryzhov. Trudy SAGU no. 60:33-43 '54.
Our practice in the mechanized clearing of fields. R. IUldasheva. Khlopkovodstvo 6 no. 10:20-23 O '56.
Quantity of seeds sown in a hill in checkrow growing of cotton. V. Kondratiuk. Khlopkovodstvo 6 no. 10:29-30 O '56.
Reproductive processes in cotton plants in connection with the density and space arrangement of plants. A. A. Ponomarenko. Trudy AN Tadzh. SSR 36:17-30 '55.
Ryzhov, S. N., and B. E. Eremenko. [Irrigation of cotton] Poliv khlopchatnika. Tashkent, Izd-vo SAGU, 1953. 40 p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 42, Biologicheskie nauki, no. 15)

COTTON GROWING—ACCOUNTING
More about the method of calculating cost of pr[illegible] and returns on collective farms. N. Chumarin. Khlopkovodstvo 6 no. 10:13-18 O '56.

COTTON GROWING—BIBLIOGRAPHY see Bibli[illegible] Cotton growing

COTTON-PICKING MACHINERY
(see also subdivision under Uzbekistan)
Attachment to a cotton-picking machine for [illegible] cull cotton. M. Markov. Khlopkovodstvo 6 [illegible] 60 O '56.
How I worked 20 hectares instead of the standard [illegible] hectares with a SKN-4 cull-cotton picker. S. I[illegible] Rev. Khlopkovodstvo 6 no. 10:41-44 O '56.

COTTONSEED
Perfecting pentose and hexose hydrolysis of cotton[illegible] hulls. M. E. Shpuntova, N. S. Makatunenko, L. [illegible] kina. Gidroliz. i lesokhim. prom. 9 no. 4:7-[illegible]

COUMARIN
Use of dicoumarin in myocardial infarct. S. V. Sa[illegible] Terap. arkh. 28 no. 6:27-32 '56.

COUNTING see Numeration

COUPLINGS
Disalignment of flanged shaft couplings for electr[illegible] driven. L. I. Sapiro. Prom. energ. 11 no. 10:[illegible] '56.

COURTESY
"Rules for students" and student conduct. N. K. S[illegible] nov. Nach. shkola 24 no. 10:6-11 O '56.

COURTS
(see also subdivision under Azerbaijan)
Educational role of Soviet courts. V. P. Kogan-[illegible] Uch. zap. AGU no. [illegible]:103-108 '55.

COWS—DISEASES
Mineral and vitamin nutrition is an important fac[illegible] the control of sterility in cows. P. T. Lebedev. [illegible] narita 33 no. 11:67-70 N '56.

CRABS, FOSSIL see subdivision under Crimea

CRACKING PROCESS
Catalytic cracking of heavy distillate fractions of [illegible] petroleums with aluminosilicates as catalysts. A. Agafonov, V. V. Krasivtschev. Khim. i tekh. topl. 1-11 O '56.
Hydrogen fluoride as cracking catalyst. V. G. [illegible] S. P. Babin. Zhur. prikl. khim. 29 no. 9:1401-140[illegible] S '56.
Operation of catalytic cracking plants during an extr[illegible] run between maintenance periods. I. G. Prigorovs[illegible] Neftianik 1 no. 7:16-18 Jl '56.
Rapid repair of a cracking plant. A. Patalerin, G. Al'tshuller. Neftianik 1 no. 10:8-9 O '56.
Study of primary stages in the catalytic cracking of [illegible] afins on an aluminosilicate catalyst in relation to [illegible] effect of small additions. T. I. Andrianova, N. Z. M[illegible] skii. Zhur. ob. khim. 26 no. 8:2418-2420 Ag '56.
Ways and methods for saving reagents. I. N. Safikhor[illegible] Neftianik 1 no. 8:4-6 Ag '56.

CRAMBE
Crambe as a valuable oilseed crop. E. V. Kucherov, N. K. Kislinskii. Zemledelie 4 no. 10:71-73 O '56.

CRANES, DERRICKS, ETC.
Caterpillar crane with a load capacity of 20 tons. I. [illegible] Critsevets. Mekh. stroi. 13 no. 9:15-16 S '56.
Crane installed in windows. S. Rozantsev. Zhil.-kh[illegible] khoz. 6 no. 8:36 '56.
Hydraulic drive for overhead cranes (Plant Engineeri[illegible] no. 4 1956). Prom. energ. 11 no. 8:29-30 Ag '56.
Improved mechanism for the T-178 jib crane. IU. P. [illegible] Gusakov, IU. K. Gubenko. Stroi. i dor. mashinostr. [illegible] no. 9:6-7 S '56.
On the stability of tower cranes. V. S. Polkovnikov. Mekh. stroi. 13 no. 9:16-17 S '56.
Possibility of removing the carriage brakes of overh[illegible] cranes. A. V. Zhiltsev. Prom. energ. 11 no. 8:38 [illegible] '56.
Universal railroad crane motorcar. A. I. Zotov. [illegible] sta. 27 no. 9:49-50 S '56.
Use of cranes at the site of the Gor'kiy Hydroelectric Power Station. V. I. Glavin, V. Z. Leanikov. Mekh. stroi. 13 no. 10:13-6 O '56.
Using trolley wires as a power supply for gantry cran[illegible] motors. S. I. Smal', B. E. Sholomov. Mekh. stroi. [illegible] no. 10:23-24 O '56.

CRANIOLOGY
(see also subdivision under Tuoy-Khaya; Vovagti)
Role of static factors in the formation of the human brain-case. S. I. Umanskii. Vest. Mosk. un. 11 no. 6:99-104 Je '56.

CRANKS AND CRANKSHAFTS—STANDARDS
Shortcomings of crankshaft standards. I. S. Kvater, P. Skliuev. Standartizatsiia no. 4:55-56 Jl-Ag '56.

CREAM SEPARATORS
Electric cream separators. E. A. Kolfasin, Z. IA. Zhuk. Sel'khozmashina no. 9:10-12 S '56.

CREATININE
Clinical evaluation of Rehberg's creatinine test in pulmonary tuberculosis. B. M. Kovaliv. Sov. med. 20 no. 9: 80-84 S '56.

CREDIT
(see also subdivision under India)
Civil-law forms in extending credit for the construction of private homes. S. S. Alekseev, E. D. Sheshenin. Sov. gos. i pravo no. 7:61-71 '56.
Effectiveness of credit for new equipment. O. Kadinskii. Den. i kred. 14 no. 10:32-36 O '56.
On the theory of credit in the U. S. S. R. G. Shvarts. Den. i kred. 14 no. 10:15-24 O '56.
Problems in credit planning. N. Barkovskii. Den. i kred. 14 no. 10:7-14 O '56.

CREDIT, AGRICULTURAL see Agricultural credit

CREEP OF MATERIALS
Semisymbolic method for solutions of some problems in the theory of creep. M. I. Rozovskii. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:43-60 '56.

CRIME AND CRIMINALS
Lelkina, N.S. [Responsibility for crime against Soviet trade; problems of qualification] Otvetstvennost' za prestupleniia protiv sovetskoi torgovli; voprosy kvalifikatsii. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 45 p.

CRIMEA—ALGAE
Study of terrestrial algae of the Crimea and the Northern Caucasus. M. A. Matvienko. Bot. zhur. 41 no. 9:1360-1363 S '56.

CRIMEA—ANTIQUITIES
Prospecting for Neolithic and Bronze Age monuments in the Crimean steppe. IU. G. Kolosov. Krat. soob. Inst. arkheol. AN URSR no. 6:22-26 '56.

CRIMEA—BOTANY
New plant species from the Crimea. M. I. Kotov. Ukr. bot. zhur. 13 no. 3:49-54 '56.

CRIMEA—CLIMATOLOGY, MEDICAL
"Climatological therapy for pulmonary tuberculosis on the southern shore of the Crimea." A. V. Ovsiannikov. Reviewed by S. V. Massino. Probl. tub. 34 no. 3:72-74 My-Je '56.

CRIMEA—CRABS, FOSSIL
Crab remains from Paleogene deposits in the Crimea. D. IE. Makarenko. Geol. zhur. 16 no. 3:74-76 '56.

CRIMEA—EARTHQUAKES
Earthquakes of the Crimea and cosmic conditions of the earth. H. P. Tamrazian. Geol. zhur. 16 no. 3:66-70 '56.

CRIMEA—FOREST SOILS
Agrometeorological data on new methods of soil tillage for forest plantations in eastern Crimea. A. N. Oliferov. Meteor. i gidrol. no. 8:35-37 Ag '56.

CRIMEA—FRUIT CULTURE
Crimean orchards are beginning to rustle. L. Strong, G. Sokolov. Mol. komm. 14 no. 10:03-07 O '56.

CRIMEA—TILLAGE
Agrometeorological data on new methods of soil tillage for forest plantations in eastern Crimea. A. N. Oliferov. Meteor. i gidrol. no. 8:35-37 Ag '56.

CRIMEA—TOBACCO—VARIETIES
Regional adaptation of tobacco varieties in the Crimea. I. I. Filipenko. Tabak 17 no. 3:0 '56.

CRIMEA—VIEWS
[Views of the Crimea] Vidy Kryma. [Leningrad, Izogiz, 1956] 12 post cards (in portfolio)

CRIMEA—WATER, UNDERGROUND
Geochemistry of iodine of undergroundwaters in the Crimean steppe region [with English summary in insert]. M. N. Poliakova. Geokhimiia no. 4:64-69 '56.

CRIMEA—WHEAT
Crop cultivation practices for obtaining high winter wheat yields in Crimean steppe regions. S. M. Pavlenko. Sel. i sem. 21 no. 4:58-59 '56.

CRIMEA—WHEAT—VARIETIES
Growing Hybrid 481 B in the Crimea. V. V. Chigrin. Sel. i sem. 21 no. 4:53-55 '56.

CRIMINAL COURTS
Shifman, M. L. [Public prosecutors in criminal courts] Prokuror v ugolovnom sude. Moskva, IUrid. izd-vo, 1946. 207 p.

CRIMINAL INVESTIGATION
Looking over some cases. L. Samoilenko. Zmina no. 10:13 O '56.

CRIMINAL LAW
Overcoming incorrect theories in criminal law is an important condition for strengthening socialist legality. V. Nikolaev. Kommunist 33 no. 14:47-60 S '56.
Some problems in the theory on elements of a crime in Soviet criminal law. IA. M. Brainin. Nauk. zap. Kiev. un. 9 no. 4:47-70 '50.

CROATIAN OPERA see Opera, Croatian

CROCHETING
The crocheting of laces. O. Tankus. Krest'ianka 35 no. 11:insert N '56.

CROP ROTATION see Rotation of crops

CROPS, COMPANION see Companion crops

CROPS AND CLIMATE
"Climate of agricultural fields." N. P. Rusin. Reviewed by G. V. Rudnev. Meteor. i gidrol. no. 9:58-59 S '56.

CROPS AND SOILS
(see also subdivision under Chu Valley)
Using magnesium on light soils. L. I. Korableva. Ud. i ur. 1 no. 10:14-20 O '56.

CROSSINGS, RAILROAD see subdivision 'Railroads—Crossings' under United States

CROTALUS see subdivision 'Rattlesnakes' under Moscow

CROUP
Rozanov, S.N. [Croup in children] Krup u detei. Izd. 2-oe, perer. i dop. Moskva, Medgiz, 1956. 126 p. (Biblioteka prakticheskogo vracha) (DAFM)

CROWS
Life teaches. Znan. sila 31 no. 10:12-13 O '56.

CRUSADES—FOURTH, 1202-1204
"The conquest of Constantinople; chronicle by Geoffroi de Villehardouin." [In Bulgarian]. V. Nikolaev. Reviewed by M. A. Zaborov. Krat. soob. Inst. slav. no. 19:102-113 '56.

CRUSHING MACHINERY
Data on the investigation of jaw crushers designed on the basis of a new kinematic principle. B. V. Klushantsev. Mekh. stroi. 13 no. 10:9-11 O '56.
Dust removal device for the PDU-30 (mobile rock crusher machine). A. I. Gil'. Avt. dor. 19 no. 9:26 S '56.
Productivity and endurance threshold of the crushing slabs in jaw rock crushers. T. I. Mukha. Sbor. LIIZHT no. 150:108-119 '56.

CRUSTACEA
Inhabitant of rain puddles. Vokrug sveta no. 10:58 O '56.

CRYOLITE
Relation of current efficiency to current density during the electrolysis of cryolite-alumina melts. L. N. Antipin, I. Niderkorn. Zhur. prikl. khim. 29 no. 4:577-583 Ap '56.

CRYSTAL LATTICES
Derivation of practical formulas for electron densities and structure amplitudes from symmetry and antisymmetry properties of trigonometric functions. M. A. Porai-Koshits Kristallografiia 1 no. 1:27-48 '56.
Determination of the signs of structure amplitudes. A. I. Kitaigorodskii. Kristallografiia 1 no. 1:14-16 '56.
Effect of ordered arrangements on the energy spectrum of phonons. I. M. Lifshits, G. I. Stepanova. Zhur. eksp. i teor. fiz. 31 no. 1:156-157 Jl '56.
The energy of vacancy formation in metals and alloys. S. D. Gertsriken. Fiz. met. i metalloved. 3 no. 2:238-241 '56.
Lattice energy of salts with polyatomic ions. K. B. IAtsimirskii. Zhur. ob. khim. 26 no. 9:2376-2380 S '56.
Statistics of electrons and holes in a homopolar semiconductor considering interaction with lattice vibrations [with English summary in insert]. V. L. Bonch-Bruevich. Zhur. eksp. i teor. fiz. 31 no. 2:254-260 Ag '56.
Thermal expansion and heat conductivity of some crystals. T. A. Kontorova. Zhur. tekh. fiz. 26 no. 9:2021-2031 S '56.

CRYSTALLINE AND METAMORPHIC ROCKS see subdivision 'Rocks, Crystalline and metamorphic' under Aldan Plateau

CRYSTALLINE LENS
Studies on antigenic properties of animal tissues and organs in ontogenesis. Report no. 3: Studies on species and organ specificity of the crystalline lens using ring precipitation reaction. B. V. Kontukhov. Biul. eksp. biol. i med. 42 no. 9:55-60 S '56.

CRYSTALLIZATION
Diffusion mobility of atoms during melting and recrystallization of metals. F. L. Gruzin, A. D. Tiutiunnik. Fiz. met. i metalloved. 3 no. 1:70-75 '56.
Effect of crystallization on the deformability of Kh23N18 steel in forging and rolling. B. Kh. Khan. Vop. proizv. stali no. 3:90-105 '56.
Low temperature properties of hydrocarbon fuels; nomogram for determining the temperature of crystallization of fuels and their fractions. IA. B. Chertkov, V. N. Zrelov. Khim. i tekh. topl. no. 10:14-18 O '56.
Texture of the recrystallization of cold-drawn steel. TS. N. Rafalovich. Fiz. met. i metalloved. 3 no. 2:326-331 '56.

CRYSTALLOCHEMISTRY
Proportional constancy and multiplicity as basic principle in crystallography and chemistry. A. F. Kapustinskii. Kristallografiia 1 no. 1:90-94 '56.

CRYSTALLOGRAPHY
Absence of a definite connection between the homologies of external crystal forms and the homologies of their optical indices. A. V. Shubnikov. Kristallografiia 1 no. 2:246-247 '56.
Chromatic symmetry groups. N. V. Belov, T. N. Tarkhova. Kristallografiia 1 no. 1:4-13 '56.
Crystal structure of dibenzoylferrocene. IU. T. Struchkov. Dokl. AN SSSR 110 no. 1:67-70 S-O '56.
Crystal structure of the chloride and iodide of diphenyliodontum. T. L. Khotsianova. Dokl. AN SSSR 110 no. 1:71-74 S-O '56.
Determination of the Laue class and orientation of an unlimited crystal from a single photograph of a stationary crystal in a polychromatic beam. A. I. Zaslavskii, D. L. Rogachev. Kristallografiia 1 no. 2: 159-164 '56.
Kinematic theory of electron reflection intensities. Part 2. Texture and polycrystal electronographs. B. K. Vainshtein. Kristallografiia 1 no. 2:150-159 '56.
Nomographic calculation of structure factors. N. V. Belov, T. N. Tarkhova. Kristallografiia 1 no. 2:235-238 '56.
Structural types with higher atomic densities. Possible structural types of $AlI_3$ composition. N. L. Smirnova. Kristallografiia 1 no. 2:165-170 '56.
Use of calculating machines in X-ray analysis. M. A. Porai-Koshits. Kristallografiia 1 no. 2:248-263 '56.

CRYSTALLOGRAPHY, MATHEMATICAL
Application of the convolute theorem to the derivation of the thermal-factor formula. B. K. Vainshtein. Kristallografiia 1 no. 1:137-138 '56.
Molecular crystal dispersion curves corresponding localized excitations. O. S. Davydov, A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 2:111-119 Ap-Je '56.
Strip methods for the computation of Fourier's syntheses in the structural analysis of crystals. N. V. Belov, T. N. Tarkhova. Kristallografiia 1 no. 1:132-150 '56.

CRYSTALS
Certain characteristics of thermal deformation in crystals. A. V. Shubnikov. Kristallografiia 1 no. 1:05-104 '56.
Formation of etching traces by ultrasonic vibrations. Kh. S. Bagdasarov, A. P. Kapustin. Kristallografiia 1 no. 1:139-140 '56.
Kinematic theory of electronogram reflection intensities. B. K. Vainshtein. Kristallografiia 1 no. 1:17-26 '56.
Particular case of elastic wave propagation in crystals. K. S. Aleksandrov. Kristallografiia 1 no. 1:138-139 '56.
Relation of melting points to refractive indexes of ionic crystals. S. S. Batsanov. Kristallografiia 1 no. 1:140-142 '56.
Tangential rates of growth of elementary layers on crystal surfaces. A. A. Chernov. Kristallografiia 1 no. 1: 110-122 '56.

CRYSTALS—ELECTRIC PROPERTIES
Dielectric ellipsoids and dielectric-constant surfaces. I. S. Zheludev. Kristallografiia. 1 no. 1:105-111 '56.

CRYSTALS—OPTICAL PROPERTIES
Light emission and absorption in molecular crystals caused by the development of localized excitations. O. S. Davydov, A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 1:5-14 '56.
Reflection technique for the determination of optical constants of uniaxial absorbing crystals. N. G. Bakhshiev. Opt. i spektr. 1 no. 5:685-689 S '56.
Spectral distribution of the intensity of light emission and absorption by molecular crystals following the development of localized excitations. O. S. Davydov, A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 1:15-28 '56.
Theory of the natural optical activity of molecular crystals. Part 1. Classical theory. V. M. Agranovich. Opt. i spektr. 1 no. 3:338-347 Jl '56.

CRYSTALS—SPECTRA
Raman spectra of molecular-compound crystals. E. F. Gross, I. M. Ginzburg. Opt. i spektr. 1 no. 5:710-714 S '56.

CUCUMBER BREEDING
Growing hybrid cucumber seeds. N. N. Tkachenko. Trudy VNIIKOP no. 5:185-190 '55.

CUCUMBERS
Phasic development of cucumbers. S. F. Vashchenko. Agrobiologiia no. 5:149-150 S-O '56.

CULTIVATORS
Improved hiller. Kartofel' no. 4:43 S-O '56.

DAGHESTAN—GEOLOGY, STRATIGRAPHIC
Basic lithofacial characteristics of middle Jurassic deposits in Daghestan. I. A. Konlukhov. Vest. Mosk. un. 11 no. 6:111-122 Je '56.
Lithological characteristics of lower Cretaceous deposits of Daghestan. I A. Konlukhov. Izv. AN Azerb. SSR no. 9:33-47 S '50.
Lithology of the lower Cretaceous deposits in central and northern Daghestan. L. I. Gorbunova. Trudy VNIGNI no. 6:36-96 '55.

DAGHESTAN—HISTORY
History of the joint struggle of the peoples of Daghestan and Azerbaijan against foreign usurpers. R. M. Magomedov. Uch. zap. AGU no. 4:85-94 '56.

DAGHESTAN—NEWSPAPER AND PERIODICAL CIRCULATION
Whom are we to blame? G. Kaplanov. Raspr. pech. no. 9:20 S '56.

DAGHESTAN—PETROLEUM GEOLOGY
Bituminosity of Mesozoic deposits of Daghestan. I. A. Konlukhov. Razved. i okh. nedr 22 no. 8:5-14 Ag '56.

DAGHESTAN—PETROLOGY
Lithology of the lower Cretaceous deposits in central and northern Daghestan. L. I. Gorbunova. Trudy VNIGNI no. 6:36-96 '55.

DAGHESTAN—RECONSTRUCTION
Prosperity of Daghestan in the fraternal union of the peoples of the U. S. S. R. A. A. Abilov. Uch. zap. AGU no. 4:77-83 '56.

DAGHESTAN—RELATIONS (GENERAL) WITH AZERBAIJAN
Cultural and historical ties of Azerbaijan and Daghestan in the folklore and poetry of Daghestan. A. F. Nazarevich. Uch. zap. AGU no. 4:95-99 '56.

DAGHESTAN—WINE AND WINE MAKING
Wine making and viticulture in the Khasavyurt District of Daghestan. Sh. A. Abramov. Vin. SSSR 16 no. 5:42-43 '56.

DAGHESTAN LITERATURE—HISTORY AND CRITICISM
Cultural and historical ties of Azerbaijan and Daghestan in the folklore and poetry of Daghestan. A. F. Nazarevich. Uch. zap. AGU no. 4:95-99 '56.

DAHLIAS see subdivision under Moldavia

DAIRAN—RED CROSS
Award for selfless and sincere help. Sov. krasnoarmeets 6 no. 5:26 S-O '56.

DAIRY CATTLE see subdivision under Ukraine

DAIRY PRODUCTS
"Dietetic and therapeutic sour milk products and the organization of their production" by A. M. Skorodumova. Reviewed by V. G. Goimberg, N. P. Nefed'eva. Vop. pit. 15 no. 5:58-59 S-O '56.

DAIRY PRODUCTS—PRICES
Price determination and bank control in the meat and dairy industries. M. Ingerman. Den. i kred. 14 no. 10:25-31 O '56.

DAIRYING
(see also subdivision under Azovskoye District)
Two thousand one hundred centners of milk per one hundred hectares of farmland. P. E. Slavnoi. Zhivotnovodstvo 18 no. 10:66-71 O '56.
Volokh, P. P. [Our dairy section] Nasha molochno-tovarnaia ferma. [Saratov] Saratovskoe kn-vo, 1955. 13 p. (Opyt peredovikov sel'skogo khoziaistva) (DA)
We are increasing the milk yield. V. S. Radchenko. Sel'khoz. Povol. no. 9: 50-52 S '56.

DAMBROWSKI, YAROSŁAW, 1836-1871
Biography of Yaroslaw Dambrowski. L. A. Kovalenko. Nauk. zap. Inst. ist. AN URSR 7:282-285 '56.

DAMS
(see also subdivision under Kuybyshev; Nikopol', Ukraine)
Consolidating the slopes of earth dams. M. K. Shepelev. Gidr. stroi. 25 no. 9:27-28 O '56.
Damming the Angara at the site of the Irkutsk Hydroelectric Station. S. N. Moiseev. Gidr. stroi. 25 no. 9: 1-8 O '56.
Rebuilding of old dams serving metallurgical plants in the Urals. V. S. Gvozdev, S. E. El'insberg. Stal' 16 no. 9: 831-835 S '56.

DANCING—FOLK AND NATIONAL DANCES see subdivision under India

DAOUD, MOHAMMED, 1909-
Mohammed Daoud. Nov. vram. 14 no. 43:30 O '56.

DARKLING BEETLES see subdivision under Armenia

DARVAZA RANGE—STEPPE FLORA
Steppe vegetation of northern Darvaza. O. E. Agakhaniants. Uch. zap. Ped. inst. Geris. 116:253-256 '56.

DARWIN, CHARLES ROBERT, 1809-1882
Stories about Charles Darwin. IUn. nat. no. 7:4-9 O '56.

DEAF
Deaf-mutes become qualified experts. V. Antipenko. Sots. obesp. 17 no. 10:53 O '56.

DECAPODA (CRUSTACEA) see subdivision under Sakhalin

DECATHLON
Soviet all-round athletes in the struggle for records. I. Sergeev. Leg. atl. no. 10:5-8 O '56.

DECEMBRISTS
(see also subdivision under Kazakhstan; Yakutia)
[Literary heritage] Literaturnoe nasledstvo, Red. V. V. Vinogradov i dr. Moskva, Izd-vo Akademii nauk SSSR. Vol. 60, pt. 2. [The Decembrists as men of letters] Dekabristy-literatory. Book 1. 1956. 670 p. Book 2. 1956. 459 p.

DECONTAMINATION (FROM GASES, CHEMICALS, ETC.)
Means and methods of decontamination. A. Zubkin, A. Mel'kov. Voen. znan. 31 no. 8:24 Ag '56.

DECORATION AND ORNAMENT, ARCHITECTURAL
Fine white sand as admixture for mortars and concretes used in ornamental patterns. K. G. Bel'tiukov. Nov. v stroi. tekh. no. 8:51-59 '56.
Firing fine ornamental ceramics at low temperatures. K. V. Dazhuk. Nov. v stroi. tekh. no. 6:45-88 '55.

DECORATIONS OF HONOR, ACADEMIC
Conferment of the doctor of law degree on Sukarno, President of Indonesia. Sov. gos. i pravo no. 8:120-121 '56.

DEFECTIVE SPEECH see Speech, Disorders of

DEFENSES (NATIONAL, ETC.) see subdivision 'Defenses' under Germany, West; Thailand

DEFICIENCY DISEASES
Effect of high environmental temperature on the development of avitaminosis $B_1$ in white rats. A. N. Tikhomirova. Vop. pit. 15 no. 5:75 S-O '56.

DEFORMATIONS (MECHANICS)
Causes of the development of large plastic deformations in specimens with annular grooves subjected to tensile forces. IU. I. Likhachev. Zhur. tekh. fiz. 26 no. 8:1841-1848 Ag '56.
Determination of the average specific pressure and plastic deformation in upsetting. A. A. Dinnik. Trudy Inst. chern. met. AN URSR no. 10:115-126 '56.
Effect of deformation conditions on the tendency of steel to strain aging. M. I. Kurmanov. Fiz. met. i metalloved. 3 no. 2:332-340 '56.
Effect of friction of the end planes on the energy consumption in compression. V. E. Panin. Fiz. met. i metalloved. 3 no. 1:172-178 '56.
Effect of grain size on the initial stage of plastic deformations of polycrystalline metals. Part 1. Aluminum. IA. R. Rauzin, A. R. Zheleznikova. Fiz. met. i metalloved. 3 no. 1:146-153 '56.
Effect of grain size on the initial stage of plastic deformations of polycrystalline metals. Part 2. Iron. IA. R. Rauzin, A. R. Zheleznikova. Fiz. met. i metalloved. 3 no. 1:154-161 '56.
Effect of the deformation rate on the plasticity of tempered steel. S. S. Shurakov. Metalloved. i obr. met. no. 10:57-63 O '56.
Equivalent reinforcement of openings in plates. N. P. Fleishman. Dop. ta pov. L'viv. un. no. 4, pt. 2:73 '53.
Internal friction in deformed alloys of alpha-aluminum-magnesium solid solutions. A. V. Grin', V. A. Pavlov. Fiz. met. i metalloved. 3 no. 1:179-180 '56.
Investigating the staggered deformations by the method of electric conductivity. V. N. Rozhanskii, IU. V. Goriunov, E. D. Shchukin. Fiz. met. i metalloved. 3 no. 1: 113-120 '56.
Investigation of compression strain properties of ordinary and lightweight concretes. G. D. TSiskreli. Trudy TbilZIIT no. 22:157-210 '56.
Oriented thermal equilibrium in plastic deformation. A. P. Chekmarev and others. Trudy Inst. chern. met. AN URSR no. 10:129-137 '56.
Origin of elastic imperfections in poly-crystalline alloys. A. V. Gur'ev. Fiz. met. i metalloved. 3 no. 2:349-359 '56.
Plotting the velocity field of points of the center of deformation with the help of a coordinate net of a strip caught in the rolls during the process of ordinary rolling. N. P. Spiridonov, O. N. Spiridonov. Trudy Inst. chern. met. AN URSR no. 10:90-103 '56.
Stress attenuation following the transition from elastic to plastic deformations. IA. Bagrii. Stroi. mat., izdel. i konstr. 2 no. 9:30 S '56.
Theory of plasticity and strength of steel. IU. A. Shimanskii. Trudy VNITOSS 6 no. 1:3-30 '53.

DEGENERATION, HEPATOLENTICULAR see Hepatolenticular degeneration

DEGLUTITION
Function of deglutition, respiratory, and cardiovascular centers and its relation to the frequency of stimulation of the glossopharyngeal, superior laryngeal, and vagus nerves. G. IA. Pritima. Fiziol. zhur. 42 no. 8: 675-684 Ag '56.

DEGTYANKA DISTRICT—VETERINARY MEDICINE
Stezhki veterinary section. V. S. Stoliarova. Veterinariia 33 no. 11:16-20 N '56.

DEHYDRATION
Thermographic and radiographic study of the dehydration of sodium and potassium niobates. A. V. Laptiskii and others. Zhur. neorg. khim. 1 no. 8:1776-1783 Ag '56.
Thermography and radiography of the dehydration of hexaniobates of certain bivalent metals. V. A. Pchelkin and others. Zhur. neorg. khim. 1 no. 8:1784-1793 Ag '56.

DEHYDROCHOLIC ACID
Effect of decholin on the secretory function of the liver in dogs of different age groups. I. A. Medianik. Dop. ta pov. L'viv. un. no. 4, pt. 2:38-39 '53.

DEHYDROGENATION
Catalytic dehydrogenation of the isopentane fraction. IU. G. Mamedaliev, M. A. Dalin, T. I. Mamedov. Trudy Inst. khim. AN Azerb. SSR 15:105-118 '56.

DELINQUENCY, JUVENILE see subdivision 'Juvenile delinquency' under Leningrad; United States

DELIRIUM
Clinical characteristics of oneiroid and delirious states in children in tuberculous meningitis. M. I. Lapides Zhur. nevr. i psikh. 56 no. 9:718-724 '56.

DELIVERY OF GOODS see subdivision under Leningrad Province

DEMENTIA
Some clinical and neurodynamic observations in a specific form of infantile dementia. V. P. Kudriavtseva, G. V. Morozov, IU. E. Sagel'. Zhur. nevr. i psikh. 56 no. 9:731-735 '56.

DENDROLOGY see Trees

DENIS, EUGENE
Eugene Denis' letters. Smena 33 no. 20:11-12 O '56.

DENMARK—BOTANY
Visiting Danish scientists. B. A. Tikhomirov. Neva no. 10:159-166 O '56.

DENMARK—PRECAST CONCRETE CONSTRUCTION
Construction practice in Denmark. A. M. Veksman, F. O. Pakhomov. Nov. tekh. i pered. op. v stroi. 18 no. 10: 25-29 O '56.

DENMARK—SUGAR INDUSTRY
In sugar plants in Denmark and Holland. A. S. Epishin. Sakh. prom. 30 no. 8:61-71 Ag '56.

DENSITY, ELECTRIC see Electric charge and distribution

DEPARTMENT STORES see subdivision under Leningrad; Moscow

DEPOSITION AND SEDIMENTATION see Sedimentation and deposition

DESCRIPTIVE GEOMETRY see Geometry, Descriptive

DESERT FLORA
Using geobotanical methods for hydrogeological investigations in deserts and semideserts. E. A. Vostokova. Trudy VAGT no. 1:44-60 '55.

DESERTS
Eolian differentiation of matter in the desert. A. V. Sidorenko. Izv. AN SSSR. Ser. geog. no. 3:3-22 My-Je '56.

DESIGN, DECORATIVE—PLANT FORMS
"The artistic anatomy of trees," [in English]. Rex Vicat Cole. Reviewed by Z. T. Artiushenko. Bot. zhur. 41 no. 9:1379 S '56.

DESNITSKII, SEMEN EFIMOVICH, d. 1789
"The political and legal views of S. E. Desnitskii," S. A. Pokrovskii. Reviewed by S. M. Bertsinskii. Vop. ist. no. 9:158-160 S '56.

DETERGENTS see Cleaning compounds

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DEUTERIUM
Determination of the distribution coefficient of deuterium in isotopic hydrogen exchange between naphthalene and deuterium bromide [with English summary in insert]. IA. M. Varshavskii and others. Zhur. fiz. khim. 30 no. 7:1647-1651 Jl '56.
Feasibility of producing thermonuclear reactions in gaseous discharges. I. V. Kurchatov. Usp. fiz. nauk. 59 no. 4:603-618 Ag '56.

DEUTERIUM COMPOUNDS—SPECTRA
Vibration spectra of diphenyl and decadeutero-diphenyl. G. S. Landsberg and others. Opt. i spektr. 1 no. 1:34-40 My '56.

DEUTERONS
Dynamic magnetic moment of deuterons [with English summary in insert]. A. M. Korolev. Zhur. eksp. i teor. fiz. 31 no. 2:211-217 Ag '56.
Length of slow neutron scattering by deuterons. A. S. Davydov, G. F. Filippov. Zhur. eksp. i teor. fiz. 31 no. 2:340-341 Ag '56.

DEVELOPMENT see Growth

DIABETES
Characteristics of carbohydrate metabolism during lactation in diabetes mellitus. D. E. IAnkelevich. Biul. eksp. biol. i med. 42 no. 8:31-34 Ag '56.
Diabetes mellitus. N. R. Piasetskii. Zdorov'e 2 no. 10: 28-29 O '56.
Effect of age on the development and course of alloxan diabetes in rats. E. R. Guglin, G. V. Danilevich. Fiziol. zhur. 42 no. 5:383-388 My '56.
Present-day questions on the pathology of metabolism in diabetes and obesity. S. M. Leites. Sov. med. 20 no. 9: 38-44 S '56.
Problem of insulin-resistant forms of diabetes mellitus. L. L. Liberman. Probl. endok. i gorm. 2 no. 4:88-89 Jl-Ag '56.

DIALECTICAL MATERIALISM
Developing the problem "Dialectical materialism and the modern natural sciences." M. E. Omel'ianovskii. Vest. AN SSSR 26 no. 10:3-11 O '56.
Dialectical materialism on the materiality of the universe and modern physics. F. Dolgikh. Komm. Bel. 29 no. 10:63-71 O '56.
Recommended themes for studying the fundamentals of Marxist-Leninist philosophy in groups and seminars. Komm. Bel. 29 no. 10:83-87 O '56.

DIALECTICAL MATERIALISM—BIBLIOGRAPHY see Bibliography—Dialectical materialism

DIALECTICAL MATERIALISM—STUDY AND TEACHING
Model themes for exercises in groups and seminars studying the principles of Marxist-Leninist philosophy. Mosk. prop. 13 no. 10:44-45 O '56.

DIAMONDS
Traces of scouring on diamond grains. M. A. Gnevushev. Zap. Vses. min. ob-va 85 no. 3:401-403 '56.

DIAMONDS, INDUSTRIAL
Instrument for measuring the shape of drawing holes in diamond dies. V. E. Kostin, M. K. Kovalev. Izm. tekh. no. 4:24-26 Jl-Ag '56.

DIAPHRAGM—HERNIA
Congenital diaphragmatic hernia. N. E. Evdokimov. Akush. i gin. 32 no. 4:85 Jl-Ag '56.
Pregnancy and diaphragmatic hernia. E. L. Korchagina. Akush. i gin. 32 no. 4:84-85 Jl-Ag '56.
A rare case of Larrey's diaphragmatic hernia. P. I. Sazonov. Sov. med. 20 no. 9:88-89 S '56.
Volvulus and incarceration of the stomach caused by congenital diaphragmatic hernia during pregnancy. M. A. Aleksandrova. Akush. i gin. 32 no. 4:82-83 Jl-Ag '56.

DIATOMS see subdivision under Azov, Sea of; Baikal, Lake; Bering Sea; Black Sea; El'gytkhyn, Lake; Omsk Province; Ural Mountain region

DIATOMS, FOSSIL see subdivision under Asia; Kharkov Province; Omsk Province

DICKENS, CHARLES, 1812-1870
The evolution of realism in Dickens' works. F. G. Ovchinnikova. Uch. zap. Ped. inst. Gerts. 121:113-155 '55.

DICOTYLEDONS
Structure of the vascular system of the stem in herbaceous dicotyledons. E. A. Kondrat'eva-Mel'vil'. Bot. zhur. 41 no. 9:1273-1292 S '56.

DICTATING MACHINES
Dictaphones. V. Korol'kov, V. Sher. Radio no. 9:29-31 S '56.

DIDRIK, KARL GENRIKHOVICH, 1897-1955
In memory of K. G. Didrik. Apt. delo 5 no. 5:64 S-O '56.

DIE CASTING
Automatic hydraulic drive for shifting cores used in pressure casting. V. A. Rudnevich. Lit. proizv. no. 9:26 S '56.
Pneumatic molding machine with the "Takkon" membrane system. A. A. Kotovshchikov. Lit. proizv. no. 4:13-14 O '56.

DIELECTRIC CONSTANTS
Correlation between the spectra of organic compounds and the dielectric constant of the surrounding media. V. P. Klochkov. Opt. i spektr. 1 no. 4:546-553 Ag '56.

DIELECTRICS
(see also subdivision under Leningrad)
Conference on the electric and physico-chemical properties of solid dielectrics. S. S. Gutin. Usp. fiz. nauk. 59 no. 4:755-763 Ag '56.
Dipole moments of dielectric and semiconductor particles. D. V. Kuz'min. Zhur. tekh. fiz. 26 no. 9:1880-1883 S '56.
Thermal dissociation in liquid dielectrics [in Azerbaijani with summary in Russian]. K. Kocharli, A. Bakhyshev. Uch. zap. AGU no. 12:31-36 '55.
Using the dielectrical method in studying the action of pharmacological preparations on the organism of horses. V. G. Chervov. Sbor. trud. Khar'. vet. inst. 20:72-76 '49.

DIES (METALWORKING)
Combined die for forging bottom boxes. N. A. Belov. Stan. i instr. 27 no. 9:36 S '56.
Designing the central section of cam path for trimming tools in cold upsetting automatic machines. A. I. Khripunov. Vest. mash. 36 no. 10:19-21 O '56.

DIES AND TAPS see Taps and dies

DIESEL ENGINES
Defects of the 8ZS-23OR engine and their elimination. G. I. Mikhatin. Energ. biul. no. 10:23-30 O '56.
Machine removal of anticorrosive material from B2-300 diesel engines. A. N. Lobkin. Neftianik 1 no. 10:32 O '56.
Studying the wear of parts of the D-54 engine. M. A. IAkobi. Trudy VIM 23:82-93 '56.

DIESEL ENGINES—AIR FILTERS
Studying the system of air cleaning in D-54 engines. A. A. Karimov. Trudy VIM 23:42-81 '56.

DIESEL ENGINES—COOLING
Evaporative cooling system for diesel and compressor installations. M. V. Popov. Energetik 4 no. 10:20-22 O '56.

DIESEL FUELS
Cross section of the distribution of fuel sprays. A. S. Lyshevskii. Nauch. trudy NPI 30:21-24 '55.
Distribution of droplets by size during fuel atomization by diesel engine nozzles. A. S. Lyshevskii. Nauch. trudy NPI 30:25-32 '55.
Fuel atomization by diesel engine nozzles. A. S. Lyshevskii. Nauch. trudy NPI 30:33-51 '55.
Pressure-viscosity ratios for diesel fuels. A. S. Lyshevskii. Nauch. trudy NPI 30:225-228 '55.
Using diesel oil settling tanks in tractor work teams. A. Rudenko. Tekhsov. MTS 17 no. 16:10-14 Ag '56.

DIESEL LOCOMOTIVES
Diesels in locomotives. A. N. Gurevich. Nauka i zhizn' 23 no. 10:7-10 O '56.
Important problems in prospective diesel locomotive construction. G. A. Zhilin, M. S. Malinov. Zhel. dor. transp. 38 no. 10:9-17 O '56.
Increasing the work efficiency of the gas generator diesel locomotive engine. A. A. Politov. Zhel. dor. transp. 38 no. 10:78-80 O '56.
Narrow-gauge diesel locomotives. I. Il'icheva. Ogonek 34 no. 41:10 O '56.

DIESEL LOCOMOTIVES—REPAIRS
Some problems in the technical maintenance and repair of diesel locomotives. M. D. Rakhmatulin. Zhel. dor. transp. 38 no. 10:21-25 O '56.

DIET
Health advice. Zdorov'e 2 no. 10:31-32 O '56.

DIET IN DISEASE
Ascorbic acid and thiamine content of food rations in a city hospital. IU. M. Ostrovskii. Vop. pit. 15 no. 5:70 S-O '56.
Elinson, F. L. [Regimen and diet for tuberculosis patients] Rezhim i pitanie bol'nykh tuberkulezom. Moskva, Medgiz, 1956. 30 p. (Nauchno-populiarnaia meditsinskaia literatura) (DAFM)
Scientific conference of health resorts on therapeutic diet. A. M. Nogaller. Vop. pit. 15 no. 5:62-63 S-O '56.

DIETHYLAMINE
Intraosseous administration of embichine in the treatment of certain diseases [with summary in English]. V. N. Demin, E. V. Litvinova. Vop. onk. 2 no. 4:475-477 '56.

DIETHYLAMINE—TOXICOLOGY
Materials describing the toxicity of dimethylamine. N. V. Mezentseva. Gig. i san. 21 no. 10:47-49 O '56.

DIFFERENTIAL EQUATIONS
Discontinuous solutions of nonlinear differential equations. O. A. Oleinik. Dokl. AN SSSR 109 no. 6:1098-1101 Ag '56.
One boundary value problem. M. A. Krasnosel'skii. Izv. AN SSSR. Ser. mat. 20 no. 2:241-252 Mr-Ap '56.
Representation of the solutions of [illegible] equations in the neighborhood [illegible] V. I. Zubov. Dokl. AN SSSR 109 [illegible] '56.
Solution of a Cauchy problem for [illegible] ordinary differential equations. [illegible] Mosk. un. 11 no. 6:3-10 Je '56.
Uniqueness of the solution for the [illegible] quasilinear symmetric systems [illegible] L. N. Slobodetskii, M. I. Khramov[illegible] no. 4:155-162 Jl-Ag '56.

DIFFERENTIAL EQUATIONS, LINEAR
Finding finite solutions for linear [illegible] of a particular type. K. IA. [illegible] Kiev. un. 12 no. 6:95-100 '[illegible]
Problem of finding characteristic [illegible] of linear differential equations [illegible] ficients. S. N. Shimanov. [illegible] 1102-1105 '56.
Subnormal series on solutions [illegible] equations of arbitrary rank. K. [illegible] zap. Kiev. un. 12 no. 6:49-60 '[illegible]

DIFFERENTIAL EQUATIONS, PARTIAL
Approximate solutions of partial [illegible] by means of electric models. [illegible] Nikolaev. Avtom. i telem. 17 [illegible]
Clear solution of Cauchy's problem [illegible] hyperbolic equation with three [illegible] bogat'ko. Dop. in pov. L'viv. un. [illegible]
Concerning solvable extensions of [illegible] differential operators with partial [illegible] Dezin. Dokl. AN SSSR 110 [illegible]

DIFFERENTIAL GEOMETRY [illegible]

DIFFUSERS
Aspects of calculating foundations [illegible] apparatus. V. N. Shchegolev. [illegible] 20-24 Ag '56.
Blocking system of the diffusion [illegible] valve. K. F. IAnovitskii. Sakh. [illegible] Jl '56.
Continuous diffusers for extracting [illegible] from vegetable raw materials. A. [illegible] Pliashkevich. Khim. nauka i [illegible] '56.
Observations on the operation of [illegible] apparatus ("Zeitschrift für die [illegible] no. 11 1956). Sakh. prom. 30 [illegible]
Smet continuous diffuser. D. G. [illegible] 30 no. 7:62-64 Jl '56.
Some production results in 1955 [illegible] Sakh. prom. 30 no. 8:76 Ag '56.

DIFFUSION
Determining diffusion coefficients [illegible] X-ray spectra. M. A. Blokhin, [illegible] Chukhlov. Izv. AN SSSR. Ser. [illegible] Jl '56.
Diffusion coefficients for certain [illegible] Beloborodov. Zhur. prikl. khim. [illegible] S '56.
Diffusion mobility of atoms during [illegible] lization of metals. P. L. Grusin, A. [illegible] met. i metalloved. 3 no. 1:70-75 '[illegible]
Diffusion of cobalt in cobalt-aluminum [illegible] Gertsriken, I. IA. Dekhtiar. Fiz. [illegible] no. 2:242-246 '56.
Dynamics of diffusion processes. [illegible] Vop. proizv. stali no. 3:3-63 '56.
Effect of fusible metal additives on [illegible] of the volatile constituents from [illegible] the structure of specimens. F. A. [illegible] metalloved. 3 no. 2:247-253 '56.
Electrolyte diffusion and the polarographic [illegible] fusion coefficients of lead and cadmium [illegible] solutions containing various amounts of [illegible] and $D_{Cd}^{2+}$ in 0,1 M $H_2SO_4$. Verification [illegible] equation for maximum current of the [illegible] wave [with English summary in [illegible] shtein. Zhur. fiz. khim. 30 no. 7 [illegible]
Lattice vacancy formation in metals and [illegible] Hertsriken. Ukr. fiz. zhur. 1 no. 1 [illegible]
Semiempirical theory of turbulent diffusion. [illegible] Monin. Trudy Geofiz. inst. no. 33 [illegible]
Structure of magnetite in reactive diffusion [illegible] the reduction of hematite. V. I. Arkharov, [illegible] slovskii. Fiz. met. i metalloved. 3 no. 1 [illegible]
Study of the speed of diffusion of [illegible] in aqueous solutions. A. I. IUrzhenko, [illegible] Dop. in pov. L'viv. un. no. 3, pt. 2 [illegible]
Using diffusion techniques for investigating the [illegible] tion of martensite transformation [illegible] temperature annealing. B. M. Fedo[illegible] E. V. Shevnin. Fiz. met. i metalloved. 3 no. 2 [illegible] 281 '56.

DIFFUSION—MEASUREMENT
Determination of diffusion coefficients by [illegible] measurements. V. P. Vasil'ev. Dokl. AN SSSR [illegible] no. 1:61-63 S-O '56.

DIFFUSIVITY, THERMAL see Thermal diffusivity

DIGESTION
Nature of the chemical substances of blood during the periodic activity of the digestive apparatus when not in the process of digesting. G. G. Stepanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:3-8 S '56.
A new method for studying carbohydrate, protein and fat digestion in animals with experimental fistulae. T. P. Protasenia. Fiziol. zhur. 42 no. 5:430-433 My '56.
Regenerative processes in the digestive glands during secretion. M. A. Guberniev, I. G. Kovyrev. Uch. zap. MGPI 84:95-109 '55.

DIGESTIVE ORGANS
Kazakova, O.V. [Practical lessons on the subjects: Organs of digestion. Metabolism] Metodika urokov po temam: Organy pishchevareniia. Obmen veshchestv. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 95 p. (Zaochnaia metodicheskaia konsul'tatsiia)

DIGESTIVE ORGANS—INNERVATION
Studies of the effect of stimulation of gastrointestinal interoceptors on unconditioned defense reflexes. Report no. 2: Effect of stimulation of mechanoreceptors of of the gastrointestinal system on defense reflexes in various functional states of the brain. G. P. Mikhailovskii. Biul. eksp. biol. i med. 42 no. 9:6-11 S '56.

DIMENSIONAL ANALYSIS
On the possibility of extending the concept of similarity to multiresonator magnetrons having different numbers of resonators. I. E. Rogovin. Radiotekh. i elektron. 1 no. 1:51-70 Ja '56.
Selective assembly of multilink dimensional chains. A. F. Lesokhin. Standartizatsiia no. 4:21-26 Jl-Ag '56.

DIMORPHISM (ANIMALS)
Specific variations in the development of constant sexual dimorphism characters in birds. B. H. Novykov. Trudy Inst. zool. AN URSR 13:58-70 '56.

DINARIC ALPS
Dinaric Karst. A. Gorokhov. Vokrug sveta no. 10:32 O '56.

DIODES
Frequency modulator using a DG-7S diode. A. Kniazev. Radio no. 9:22-23 S '56.
Steady processes in the plane-parallel diode with external magnetic field. IU. V. Pimenov. Zhur. tekh. fiz. 26 no. 9:1955-1965 S '56.

DIONYSIUS AREOPAGITA
More about the mystery of the pseudo-Dionysius; an introductory article. Sh. I. Nutsubidze. Trudy TGU no. 59:1-10 '55.
Peter the Iberian and the pseudo-Dionysius Areopagita's works. E. Honigmann. Trudy TGU no. 59:19-70 '55.

DIOXANE
Physicochemical study of the system: water - acetic anhydride - dioxane. K. N. Kovalenko, N. A. Trifonov, D. S. Tisson. Zhur. ob. khim. 26 no. 9:2404-2410 S '56.

DIPHENYL—SPECTRA
Vibration spectra of diphenyl and decadeutero-diphenyl. G. S. Landsberg and others. Opt. i spektr. 1 no. 1:34-40 My '56.

DIPHENYLAMINE
Interaction of triphenylfluosilane and triphenylchloromethane with diphenylamine in the presence of lithium. V. S. Chugunov. Zhur. ob. khim. 26 no. 9:2474-2475 S '56.

DIPHTHERIA
This should not happen! V. M. Zhdanov. Zdorov'e 2 no. 10:6-7 O '56.

DIPHTHERIA—BACTERIOLOGY
Certain improvements in bacteriological analysis for diphtheria. V. D. Shtiben. Lab. delo 2 no. 5:27 S-O '56.

DIPOLE MOMENT see Electric moments

DIRECT TAXATION see Income tax

DIRECTION FINDERS, RADIO see Radio direction finders

DIRICHLET'S SERIES see Series, Dirichlet's

DISABLED
(see also subdivision under Astrakhan Province; Chuvashia)
In the union republics. Sots. obesp. 17 no. 10:58 O '56.
Letters to the editor. Sots. obesp. 17 no. 9:62-63 S '56.

DISABLED—REHABILITATION, ETC.
(see also subdivision under Moscow; Moscow Province; Sverdlovsk; Vozhega District)
Defending the right of the invalid to work is our obligation. A. Rybkin. Sots. obesp. 17 no. 10:31-35 O '56.
Ten-year schools for specialized children's homes. I. Odintsov. Sots. obesp. 17 no. 9:30-31 S '56.
To A. F. Pogodin. S. Vlasov. Sots. obesp. 17 no. 9:43-46 S '56.
Unfortunate booklet ("Working devices for disabled workers with lesions of the extremities." L. D. Khankin. Reviewed by P. Orlov). Prom. koop. no. 10:36-37 O '56.

DISABLED VETERANS
Editorial mail. Nov. vrem. 14 no. 44:30 O '56.

DISARMAMENT
Disarmament. N. Khar'kuzov. Zhur. Mosk. Patr. no. 7: 42-43 Jl '56.
How then is progress attained? O. Bogdanov. Nov. vrem. 14 no. 43:9-12 O '56.
Peoples demand that the armament race stop. L. Mikhailov. Blok. agit. vod. transp. no. 16:27-34 S '56.
Russia (1923- U.S.S.R.) Verkhovnyi Sovet. [Proceedings of the fifth session of the Supreme Soviet of the U.S.S.R. on the problems of disarmament and the banning of atomic and hydrogen weapons, July 16, 1956] Materialy piatoi sessii Verkhovnogo Soveta SSSR po voprosam razoruzheniia i zapresheheniia atomnogo i vodorodnogo oruzhiia, 16 iiulia 1956 goda. Moskva, Gos. izd-vo polit. lit-ry, 1956. 95 p.

DISCIPLINE, SCHOOL see School discipline

DISEASES—CAUSES AND THEORIES OF CAUSATION
"Disruption of function of internal organs caused by reflexes." S. S. Poltyrev. Reviewed by A. IA. Gubergrits. Klin. med. 34 no. 9:91-93 S '56.
Tasks of veterinary diagnostic laboratories in studying the causes of diseases in domestic animals. A. S. Solun. Veterinariia 33 no. 11:52-55 N '56.

DISEASES, COMMUNICABLE see Communicable diseases

DISEASES, DEFICIENCY see Deficiency diseases

DISEASES OF CHILDREN see Children—Diseases

DISINFECTION AND DISINFECTANTS
Compound sanitary and disinfection treatment in eliminating disease foci. L. V. Serebrinkov, Z. S. Aleksanian. Voen.-med. zhur. no. 7:68-69 Jl '56.
From the work practice of disinfection teams. Veterinariia 33 no. 11:76-78 N '56.
Our practice in organizing the work of a disinfection team K. P. Semenov. Veterinariia 33 no. 11:74-76 N '56.
Preliminary observations on washing hands with dioxide. E. L. Korchagina. Khirurgiia. 32 no. 7:86 Jl '56.

DISLOCATIONS IN CRYSTALS
Forty, A.J. [Direct observations of dislocations in crystals. Translated from the English] Neposredstvennoe nabliudenie dislokatsii v kristallakh. Perevod M.A. Shtremelia, pod red. A.G.Rakhshtadta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 57 p., illus.

DISORDERLY CONDUCT see subdivision under Ryazan

DISPERSION
Dispersion of air in the visible spectrum range. V. P. Koronkevich. Opt. i spektr. 1 no. 1:85-89 My '56.
Force correlations of the oscillator components of the resonance multiplets of aluminum, thallium, chromium, manganese, molybdenum, and barium, calcium, strontium ions. E. I. Nikonova, V. K. Prokof'ev. Opt. i spektr. 1 no. 3:290-297 Jl '56.
Methods for studying the structure of highly dispersed and porous bodies (conference in Leningrad). V. M. Luk'ianovich. Vest. AN SSSR 26 no. 9:101-103 S '56.
Molecular crystal dispersion curves corresponding localized excitations. O. S. Davydov, A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 2:111-119 Ap-Je '56.

DISPERSOIDS see Colloids

DISPLACEMENT (SHIPS)
Determining the first approximation of the displacement of a ship. IU. A. Makedon. Trudy VNITOSS 6 no. 1:108-118 '53.
M. A. Satyrin's article "More on draft changes of a moving ship." G. Sukhomel, V. Zass. Rech. transp. 15 no. 8:18-19 Ag '56.

DISPLAY TYPE see Printing—Specimens

DISSERTATIONS, ACADEMIC
(see also subdivision under Azerbaijan)
Inform the scientific community extensively about defended dissertations. I. IA. Braslavskii. Vest. vys. shkoly 14 no. 10:53-54 O '56.

DISSOCIATION
Thermal dissociation in liquid dielectrics [in Azerbaijani with summary in Russian]. K. Kocharli, A. Bakhyshev. Uch. zap. AGU no. 12:31-36 '55.

DISTILLATION
Ethyl acetate extraction of acetic acid from a distillate containing tar. IA. N. Ukolov. Gidroliz. i lesokhim. prom. 9 no. 5:19-20 '56.
Intensifying the rectification process. L. I. Bliakhman. Med. prom. 10 no. 3:17-22 Jl-S '56.

DISTILLATION, DESTRUCTIVE
Mikulin, G. I., and I. K. Poliakov. [Distillation in the production of soda] Destillitatsiia v proizvodstve sody. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 347 p.

DISTILLATION APPARATUS
Operation of cast-iron beer distillation apparatus. I. F. Naletov, F. A. Khshanovskii. Spirt. prom. 22 no. 3: 36-37 '56.
Priming of liquids and hydraulic phenomena in rectifying columns. I. V. Marfenina. [Trudy] MVTU no. 17:37-74 '53.

DISTILLING INDUSTRIES
(see also subdivision under Canada; China)
Continuous cooking of starchy raw materials in pulverized form. I. P. Begma, V. S. IAnovskii, N. F. Dikii. Spirt. prom. 22 no. 3:30-31 '56.
Economic use of raw materials and material resources. Spirt. prom. 22 no. 3:1-2 '56.
From the editor's files. Spirt. prom. 22 no. 3:40-41 '56.
Introduction of new methods and the reduction of production losses in the alcohol industry. Spirt. prom. 22 no. 3:48 '56.
"Progressive work methods in alcohol plants." G. I. Ferlman. Reviewed by V. I. Nikiforov. Spirt. prom. 22 no. 3:43-44 '56.
Replacing Dautzenberg sleeves with rubber inserts. Sh. S. Osipov. Vin. SSSR 16 no. 5:49 '56.
Results of all-Union socialist competition between plant personnel and organizations of the Ministry of the Food Products Industry of the U.S.S.R. during the second quarter of 1956. Spirt. prom. 22 no. 3:47 '56.
Work of operational and technical councils. D. I. Red'ko, P. IU. Moldavskii. Spirt. prom. 22 no. 3:24-25 '56.
Work of the plant operational and technical council. P. P. Krivoshei. Spirt. prom. 22 no. 3:26-27 '56.

DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES
AB-1 automatic defect inspection machine. S. I. Bartenev, M. A. Pospelova. Spirt. prom. 22 no. 3:9-11 '56.
Cleaning sealing wax from utensils. B. V. Berdnikov. Spirt. prom. 22 no. 3:32-33 '56.
Technical development and progressive practices ("Leningrad Liqueur and Vodka Plant." Reviewed by V. E. Melodiev). Spirt. prom. 22 no. 3:42-43 '56.

DISTILLING INDUSTRIES—EXHIBITIONS
At the All-Union Industrial Exhibition. Spirt. prom. 22 no. 3:3-4 '56.

DISTILLING INDUSTRIES—PERIODICALS
For further improvement of the journal. Spirt. prom. 22 no. 3:48 '56.

DISTRIBUTION (PROBABILITY THEORY)
Comparison of empiric distributions of two independent samples for some sections of the variance of argument. I. D. Kvit. Dop. ta pov. L'viv. un. no. 4, pt. 2:60-61 '53.
Distribution of the duration of peaks of normal fluctuations. V. I. Tikhonov. Radiotekh. i elektron. 1 no. 1: 23-33 Ja '56.
Mathematical theory of correlated random points. P. I. Kuznetsov, R. L. Stratonovich. Izv. AN SSSR. Ser. mat. 20 no. 2:167-178 Mr-Ap '56.
Moments of distribution in the Markov process. G. A. Ambartsumian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:26-41 '56.

DISULFIDE
Tetramethylthiuram disulfide, a new chemical for controlling plant diseases. A. A. Rusakova, F. P. Shevchenko. Zashch. rast. ot vred. i bol. 1 no. 4: 54-55 S-O '56.

DITHIZONE
Using complexone III for improving the specificity of the dithizone method for determining silver. V. G. Goriushina, E. IA. Gatlis. Zav. lab. 22 no. 8:905-907 Ag '56.

DIVING
Diving. V. Maksimenko. Voen. znan. 31 no. 8:22 Ag '56.

DMITROV DISTRICT—FUR FARMING
A new fur farm. P. Chatskii. Okh. i okh. khoz. no. 10: 60 O '56.

DNEPRODZERZHINSK—OPEN-HEARTH PROCESS—EQUIPMENT AND SUPPLIES
Increasing ladle durability. N. A. Rokhlin. Metallurg no. 10:19-20 '56.

DNEPROPETROVSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
"Without essential changes." Part. zhizn' no. 18:60 S '56.

DNEPROPETROVSK—EDUCATION OF CHILDREN
More attention to sequence in kindergarten and school work. S. Levenberh. Doshk. vykh. 17 no. 10: 24-27 O '56.

DNEPROPETROVSK—PHYSICAL EDUCATION AND TRAINING
Fifth scientific and methodological conference of physical education teachers of Dnepropetrovsk institutions of higher learning. B. I. Fomenko. Teor. i prak. fiz. kul't. 19 no. 9:716-717 '56.

DNEPROPETROVSK—THEATER
Dnepropetrovsk mobile theater. L. Bilets'ka. Mystetstvo no. 4:31-32 Jl-Ag '56.

DNEPROPETROVSK PROVINCE—AGRICULTURE—TAXATION
What prompts the collection of income tax from collective farms. G. Antonenko. Fin. SSSR 17 no. 10:55-57 O '56.

DNIEPER LOWLAND—GEOLOGY, STRATIGRAPHIC
Tournaisian deposits in the lower Volga Valley, Donets Basin, and southeastern Dnieper-Donets Lowland. S. V. Semikhatova. Trudy VNIGNI no. 6:12-35 '55.

DNIEPER LOWLAND—MINERALOGY
Mineral associations of Permian and Triassic deposits of the Dnieper-Donets Lowland. F. E. Lapchik. Vop. min. osad. obr. 3/4:299-307 '56.

DNIEPER LOWLAND—WATER, UNDERGROUND
Characteristics of the chemical composition of underground waters of the Buchakian-Kanev aquiferous horizon of the Dnieper-Donets Lowland. I. I. TSapenko, M. P. IElisieieva. Geol. zhur. 16 no. 3:44-51 '56.

DNIEPER RIVER—TUGBOATS
On the tugboat "Kiev." Ukraina no. 18:20-21 S '56.

DNIEPER VALLEY—ECONOMIC POLICY
Construction of a water power unit at Kakhovka in connection with the realization of the "Great Dnieper" project. S. Protsiuk. Ukrains'kyi zbirnyk 7:108-165 '56.

DNIEPER VALLEY—FUNGI
Parasitic fungi on herbaceous ornamental plants in the forest-steppe region to the right of the Dnieper. Z. H. Lavits'ka. Nauk. zap. Kiev. un. 9 no. 5:93-115 '50.

DNIEPER VALLEY—GEOLOGY, STRATIGRAPHIC
Age of the sixth terrace of the middle Dnieper. N. I. Dmitriev. Izv. AN SSSR. Ser. geog. no. 5:91-92 S-O '56.

DNIESTER VALLEY—GYPSUM
Mineralogy of gypsum in the Dniester Valley. S. G. Dromashko. Vop. min. osad. obr. 2: 138-174 '55.

DOBIN, G.
Craftsmanship of a storyteller ("Stories." G. Dobin. Book review). Druzh. nar. no. 10:184 O '56.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861
N. A. Dobroliubov's "Remarks on modern Russian orthography." E. E. Naidich. Sbor. [Len. ] publ. bibl. no. 2:105-107 '54.

DOBROMIL' DISTRICT—MOTION-PICTURE PROJECTION
Five-year plan fulfilled ahead of time. G. Vinogradov. Kinomekhanik no. 10:9 O '56.

DOBRUSH DISTRICT—STOCK AND STOCKBREEDING
Studying progressive work practices. V. Gorbov. Komm. Bel. 29 no. 10:49-50 O '56.

DOCK HANDS see subdivision 'Longshoremen' under Shanghai

DOG SHOWS
At hunting dog shows. Okh. i okh. khoz. no. 10:36-37 O '56.

DOGMA
The Orthodox understanding of dogma. P. Viktorov. Zhur. Mosk. Patr. no. 8:46-53 Ag '56.

DOGS
Effect of X rays on the skin of dogs. D. D. Logvinov. Sbor. trud. Khar'. vet. inst. 20:200-206 '49.
Location of the phrenic nerve in dogs. S. R. Krasno- [illegible] Tadzh. SSR no. 16:111-

A. Kalashnik. Sbor. '49.

breeder; advice to sovety nachinaiushche- o, 1955, 159 p.

nity in echinococcus of ik. Sbor. trud. Khar'.

i dogs during migration Litvishko. Sbor. trud.

Shapatin. Okh. i

'aining of Eskimo oz. no. 10:33-34 O

, 1846-1903
loess. M. P. Lysen- Jl '56.

DOLET, ETIENNE, 1509-1546
Etienne Dolet, the typographer from Lyons. A. Varshavskii. Znan. sila 31 no. 10:16-19 O '56.

DOLGORUKII, IURII VLADIMIROVICH, 1090-1157 see George, Dolgorukii, 1090-1157

DOLOMITE
(see also subdivision under Fergana; Yakutia)
Characteristics of dolomite solubility in water and in calcium sulfate at various fractional pressures of $CO_2$. O. K. IAnat'eva. Zhur. neorg. khim. 1 no. 7:1473-1478 Jl '56.
Effect of admixtures (waste rock) in chromite ore on the oxidation roasting of charges in the bichromate manufacture. T. D. Averbukh, M. A. Serebrennikova, N. D. Maslova. Zhur. prikl. khim. 29 no. 4:498-505 Ap '56.

DOMESTIC ANIMALS
Importance of the research on the origin of breed and productive characteristics in the ontogenic development of farm animals. S. N. Bogoliubskii. Zhivotnovodstvo 18 no. 10:39-48 O '56.

DOMESTIC ANIMALS—DISEASES see Veterinary medicine

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DON VALLEY—FOLK MUSIC
Visiting the Don Cossacks. P. Maklenko. Sov. muz. 20 no. 9:76-83 S '56.

DON VALLEY—STONE AGE
Betemnites in Old Stone Age. P. I. Boriskovskii. Priroda 45 no. 11:113-114 N '56.

DON-VOLGA CANAL see Volga-Don Canal

DONAT, Bishop of Bitsk, 1699-
Nomination and ordination of Archimandrite Donat. Zhur. Mosk. Patr. no. 7:22-23 Jl '56.

DONETS BASIN—ARGILLITES
Mineralogical composition of argillites in the Donets Basin. A. A. Nyrkov. Vop. min. osad. obr. 3/4:315-325 '56.

DONETS BASIN—AUGITE
Titanium and augite from basalts of the southwestern outskirts of the Donets Basin. N. O. Makukhina. Geol. zhur. 16 no. 3:76-78 '56.

DONETS BASIN—BORING
Study of core bits used for boring in the central Donets Basin. V. M. Trofimov, A. M. Shteinberg. Trudy MGRI 30:115-123 '56.

DONETS BASIN—BORING MACHINERY
New boring bits. Mast. ugl. 5 no. 8:29 Ag '56.

DONETS BASIN—COAL GEOLOGY
Mineralogical composition of the roof and the foot of coal beds in the Donets Basin. V. S. Lazarev, V. I. Radushev, A. A. Nyrkov. Vop. min. osad. obr. 3/4:337-344 '56.

DONETS BASIN—COAL MINERS
Sun and sunspots. Klub 6 no. 11:15-19 N '56.
Youth builds. V. Ukrainskii. Mast. ugl. 5 no. 8:14-16 Ag '56.

DONETS BASIN—COAL MINES AND MINING
A Communist Youth League member came to the Donets Basin. Pavel Podliashuk. Smena 33 no. 17:2-3 S '56.
For further improvement of the Donets Basin coal mining industry. Ugol' 31 no. 10:1-4 O '56.
Greater Donets Basin in the light of problems of the restoration period. P. I. Stepanov. Trudy Inst. geol. nauk no. 90:225-230 '47.
How we achieved a steady increase in coal mining. B. S. Fomenko. Ugol' 31 no. 9:37-38 S '56.
Iron mines. I. Vizen. Mast. ugl. 5 no. 8:8 Ag '56.
Multiple purpose brigades in Donets Basin longwalls mined by cutter-loaders. M. I. Dubinskii. Ugol' 31 no. 9:18-21 S '56.
No, these are the important problems. Mykhailo Chabanivs'kyi. Dnipro 30 no. 11:90-99 N '56.
On thin seams. G. Prilipko. Mast. ugl. 5 no. 8:9 Ag '56.
Working seams above existing mines in the Donets Basin. A. M. Shushkov. Ugol' 31 no. 10:15-19 O '56.

DONETS BASIN—COAL MINING MACHINERY
Analysis of the performance efficiency of coal cutter loaders with lengthened bars as used in the Donets Basin mines. S. S. Rodbort, N. E. Kostiuk. Ugol' 31 no. 10:28-30 O '56.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC
Lithology of upper Carboniferous deposits in the northwestern edge of the Donets Basin. M. P. Kozhych-Zelenko. Geol. zhur. 16 no. 3:28-37 '56.

Mineralogical investigations of the productive [illegible] the Donets Basin based on a facial-phase [illegible] sedimentation. A. G. Kobilev. Vop. min. [illegible] 3/4:308-314 '56.
Tournaisian deposits in the lower Volga Valley, Donets Basin, and southeastern Dnieper-Donets Lowland. S. V. Semikhatova. Trudy VNIGNI no. 6:12-35 '55.

DONETS BASIN—MINE FIRES
Fire in a mine. Sov. Soiuz no. 11:12-13 N '56.

DONETS BASIN—MINERALOGY
Mineral associations of Permian and Triassic deposits of the Dnieper-Donets Lowland. F. E. Lapchik. Vop. min. osad. obr. 3/4:299-307 '56.
Mineralogical investigations of the productive [illegible] the Donets Basin based on a facial-phase analysis [illegible] sedimentation. A. G. Kobilev. Vop. min. [illegible] 3/4:308-314 '56.

DONETS BASIN—RIVERS
Let us protect the Donets Basin rivers. Alekseev. Sov. Ukr. 6 no. 10:135-140 O '56.

DONETS BASIN—TALC
So-called "talc" from the limestone-dolomitic [illegible] the Permian in the Donets Basin. L. I. Tsvetaeva. Zap. Vses. min. ob-va 85 no. 3:430 '56.

DONETS BASIN—TITANIUM ORES
Titanium and augite from basalts of the [illegible] outskirts of the Donets Basin. N. O. Makukhina. Geol. zhur. 16 no. 3:76-78 '56.

DONETS BASIN—WATER—POLLUTION
Let us protect the Donets Basin rivers. Alekseev. Sov. Ukr. 6 no. 10:135-140 O '56.

DONETS BASIN—WATER, UNDERGROUND
Characteristics of the chemical composition [illegible] ground waters of the Buchakian-Kanev aquiferous horizon of the Dnieper-Donets Lowland. I. I. TSapenko, M. P. IElisieieva. Geol. zhur. 16 no. 3:44-51 '56.

DONETS RIDGE
Physicogeographical division of the Donets Ridge [illegible] natural region. V. S. Preobrazhenskii. Izv. AN SSSR. Ser. geog. no. 3:100-108 My-Je '56.

DONSKOV—SCHOOLS—EXERCISES AND [illegible]
Where songs resound. T. Efetova. Vozhatyi [illegible] no. 10:4-5 O '56.

DOORS—STANDARDS
Changes in the All-Union State Standards. [illegible] tekh. 13 no. 9:27 S '56.

DORMITORIES
Educational work in a dormitory. N. G. [illegible] Sred. spets. obr. no. 10:39-42 O '56.
In a youth dormitory. N. Kunov. Sov. [illegible] no. 10:79 O '56.
Superintendent of a dormitory. A. Golyshevskaia [illegible] tekh. obr. 13 no. 10:24 O '56.
Visit the dormitories more often. N. A. [illegible] Sred. spets. obr. no. 10:42-43 O '56.

DOROFEI, Archbishop of Athens and All Greece
Answer to the charter of declaration. Zhur. Mosk. Patr. no. 7:12-13 Jl '56.
Charter of declaration from the new head of the Greek Orthodox Church. Zhur. Mosk. Patr. no. 7:11-12 Jl '56.
Installation of the new head of the Greek Orthodox Church. Zhur. Mosk. Patr. no. 7:10 Jl '56.

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881
Dostoevskii's anniversary in the U. S. S. R. I. Bakhteev. Vest. Inst. po izuch. SSSR no. 3:81-93 Jl-S '56.
Literary works of Dostoevskii and the Soviet stage. V. Sperantskii. Vest. Inst. po izuch. SSSR no. 3:94-97 Jl-S '56.

DOUBLE REFRACTION see Refraction, Double

DOUGH—DRYING
Structural changes of some porous colloidal [illegible] in the process of drying [with English summary in insert]. V. V. Sholberbatenko, V. V. Smirnova. Kolloid. zhur. 18 no. 5:615-620 S-O '56.

DRAFT HORSES
Draft horses on the V. I. Lenin Collective Farm. I. Chikasov, A. Ul'ianova. Konevodstvo 25 no. [illegible] '56.

DRAGUNOV, ALEKSANDR ALEKSANDROVICH, [illegible]
A. A. Dragunov. S. E. IAkhontov. Krat. soob. Inst. [illegible] no. 18:89-93 '56.

DRAINAGE
(see also subdivision under Chernigov Province)
Experience in utilizing silt drains in AKKh filter systems. IU. Bardin, G. Nikoladze. Zhil.-kom. khoz. 6 no. 5:22-23 '56.
Kokovin, E. V., and M. F. Noznaev. [Mechanization of work in the drainage and reclamation of land] Mekhanizatsiia rabot po osusheniiu i osvoeniiu zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 360 p.

DRAINAGE (Continued)

Stankevich, V.S., and P.R.Rubin. [Drainage and reclamation of swamps and marshy land] Osushenie i osvoenie bolot i zabolochennykh zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 77 p. (DA)

DRAMATIC CRITICISM

Marvellous alloy. Vl. Kagarlitskii. Ogonek 34 no. 47: 28 N '56.

DRAWING

Drawing for periodicals. V. Kostin. Iskusstvo 19 no. 6:11-14 '56.

DREAMS

Clinical characteristics of oneiroid and delirious states in children in tuberculous meningitis. M. I. Lapidos Zhur. nevr. i psikh. 56 no. 9:718-724 '56.

DREDGING

Domanevskii, N. A., and others. [Channel processes and improvement of the navigable course in open-channel rivers] Ruslovye protsessy i putevye raboty na svobodnykh rekakh. Moskva, Izd-vo "Rechnoi transport," 1956. 456 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. Trudy, no. 8)

Hydromechanical mining and enrichment of sand and gravel. B. M. Shkundin. Mekh. stroi. 13 no. 8:3-9 S '56.

DRESDEN—OPERA, RUSSIAN

The opera "Into the storm" on the Dresden stage. K. Lauchs. Sov. muz. 20 no. 9:129 S '56.

DRILLING AND BORING MACHINERY

Measuring the pitch of the lead screw in jig boring machines. B. T. Gelberg, V. A. Volosatov. Stan. i instr. 27 no. 9:20 S '56.

DRINKS see Beverages

DRIVERS, AUTOMOBILE see Automobile drivers

DROGICHIN KNIVES

Twelfth-century Old Russian inscription on a knife handle from Drogichin. A. V. Poppe. Probl. istoch. no. 5:328-333 '56.

DROGOBYCH—PETROLEUM INDUSTRY

Interesting conference. Rad. zhiz. 11 no. 10:27 O '56.

DRUG INDUSTRY

Automatization and continuous production in the pharmaceutical industry. A. K. Aronov. Med. prom. 10 no. 3: 6-9 Jl-S '56.

Chemicopharmaceutical industry during the sixth five-year plan. E. V. IAkovleva. Med. prom. 10 no. 3:3-6 Jl-S '56.

Chemicopharmaceutical industry of the U. S. S. R. and certain other countries. A. G. Natradze, E. V. IAkovleva. Khim. nauka i prom. 1 no. 4:401-406 '56.

Continuous diffusers for extracting medicinal substances from vegetable raw materials. A. G. Natradze, A. M. Pliashkevich. Khim. nauka i prom. 1 no. 4:455-460 '56.

DRUGS

Antituberculous chemotherapeutic preparations. M. N. Shchukina, T. P. Sychova. Khim. nauka i prom. 1 no. 4:410-432 '56.

DRUGS—ADULTERATION AND ANALYSIS

Why is it not advisable to rely on the analysis of the supplying pharmacy? L. I. Evdokimova. Apt. delo 5 no. 5:44 S-O '56.

DRY FARMING

Dry and irrigation farming. N. Borzikov. Kukuruza 1 no. 5:24-25 Ag '56.

DRY ICE

"Dry ice" made from the by-products of hydrolytic alcohol production. D. V. Zheltukhin. Khim. v shkole 11 no. 5:14-15 S-O 56.

DRYING

Lykov, A.V. [Heat and mass transfer in drying processes] Teplo- i massoobmen v protsessakh sushki. Moskva, Gos. energ. izd-vo, 1956. 464 p.

DRYING APPARATUS

Drying enameled ware by combustion gases. Suggestion by I. V. Zagriatskii, I. M. Frolov, S. M. Kiselev. Prom. energ. 11 no. 8:19-21 Ag '56.

Effective utilization of the SSL.-VISKhOM dryer. V. A. Tolkovskii, I. N. Bolotov. Len i konop. no. 6:37-39 Ag '56.

Pneumatic cotton dryer and its modification. V. K. Korolev. Trudy Inst. energ. AN Uz. SSR no. 4:22-55 '56.

Rotary dryer for sugar of milk. A. A. Vinogradov. Trudy VNIIS no. 3:105-109 '55.

DUBNA—ATOMIC ENERGY RESEARCH—CONGRESSES

At Dubna on the Volga. Ogonek 34 no. 41:12-13 O '56.

DUBROVIN, IU. S.

Navigator of a torpedo bomber squadron. Vest. Vozd. Fl. 39 no. 6:78 Je '56.

DUBROVNIK—THEATER—HISTORY

A little on the history of Yugoslavian theater; a reference. Mysteistvo no. 4:35 Jl-Ag '56.

DUCKS

Duck-raising section of a collective farm. V. P. Cherepkov. Ptitsevodstvo 6 no. 10:29-30 O '56.

Poltava Province hatcheries raise ducks. M. M. Solodkii. Ptitsevodstvo 6 no. 10:35 O '56.

Wonderful down. A. IAblokov. IUn. nat. no. 3:16 Je '56.

DUMP TRUCKS

The KAZ-600 dump truck with side dumping. A. Chelidze. Avt. transp. 34 no. 9:24-25 S '56.

On the use of dump trucks in mining. S. Popov. Avt. transp. 34 no. 9:6-7 S '56.

One hundred and ninety thousand kilometers with a MAZ-205 dump truck without minor or major overhaul. D. Vishnevkin. Avt. transp. 34 no. 9:34 S '56.

DUMPING APPLIANCES

Trofimov, G. V., and A. N. Pinashin. [Progressive experience in the organization and production of dump work at the Magnitogorsk open-cut iron mine] Peredovoi opyt organizatsii i proizvodstva otval'nykh rabot na Magnitogorskom zhelezorudnom kar'ere. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 73 p. (Peredovye metody truda)

DUNITE

Chemical affinity and mineral composition of the peridotite-dunite shell of the earth. P. N. Chirvinskii. Zap. Vses. min. ob-va 85 no. 3:397-401 '56.

DURENE—SPECTRA

Vibration spectra of aromatic compounds. Part 3. Computation and interpretation of the vibration spectra of mesitylene and durene. M. A. Kovner. Opt. i spektr. 1 no. 3:348-363 Jl '56.

DUST

Detection of dust in nonferrous metal industry. L. F. Globova. Gig. i san. 21 no. 8:56-57 Ag '56.

A device for fastening adaptors for obtaining dust samples in the place of work. B. I. Guterman. Gig. i san. 21 no. 8:54-55 Ag '56.

DUST—PHYSIOLOGICAL EFFECT

A new device for experimental research on the effect of industrial dust on the organism. V. B. Latushkina. Gig. i san. 21 no. 8:19-24 Ag '56.

DUST COLLECTORS

"TSRP" unit. L. M. Malinov. Nauka i zhizn' 23 no. 11: 51 N '56.

DVINA RIVER—SALMON

Reason for the decrease in the Western Dvina salmon catch. V. I. Orav. Ryb. khoz. 32 no. 10:57-58 O '56.

DWARF FRUIT TREES

Dwarf fruit trees. A. Margolin. IUn. nat. no. 2:29-30 My '56.

Kna'ianenko, A. I. [Growing dwarf fruit trees in the southern part of the European U. S. S. R.] Kul'tura karlikovykh plodovykh derev'ev na luge evropeiskoi chasti SSSR. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 262 p. (DA)

DWELLINGS see subdivision under Mezin; Volga Valley

DYES AND DYEING

Absorption band characteristics of leuco-base thiazine dyes. A. T. Vartanian. Opt. i spektr. 1 no. 4:478-489 Ag '56.

Scientific-technical conference on synthetic dyes and textile auxiliary materials. V. Kuvichinskii. Khim. prom. no. 5:317-318 Jl-Ag '56.

DYES AND DYEING—CELLULOSE

Diffusion of direct dyes into cellulose fibers [with English summary in insert]. B. N. Mel'nikov, P. V. Moryganov. Koll. zhur. 18 no. 5:568-573 S-O '56.

DYES AND DYEING—CHEMISTRY

Influence of vacuum on the sorption of dyes on fibers [with English summary in insert]. S. M. Lipatov, N. D. Il'iashuk. Koll. zhur. 18 no. 5:562-565 S-O '56.

Thermodynamics of the dyeing processes. P. V. Moryganov, B. N. Mel'nikov. Usp. khim. 25 no. 9:1149-1164 S '56.

DYNAMICS, MOLECULAR see Molecular dynamics

DYNAMOMETER

Making instruments in a technical school. M. M. Mitriushin. Sred. spets. obr. no. 10:29-35 O '56.

New method for designing improved diaphragm dynamometers. A. M. Sankov, I. I. Shakhnov. [Trudy] VNIMI no. 30(310-313 '56.

DYSENTERY

Carrying of Shigella dysenteriae in monkeys. E. K. Dzhikidze. Zhur. mikrobiol. epid. i immun. 27 no. 10: 44-48 O '56.

Clinical and bacteriological parallels in the treatment of dysentery with synthomycin associated with streptomycin. V. M. Shubik, L. V. Iradionova. Zhur. mikrobiol. epid. i immun. 27 no. 10:34-39 O '56.

Compound method for treating dysentery by vaccines. G. S. Mironov. Voen.-med. zhur. no. 7:34-37 Jl '56.

Duration and frequency of excretion of Shigella dysenteriae in covalescents following dysentery. E. A. Bron, A. B. Chernomordik. Zhur. mikrobiol. epid. i immun. 27 no. 10:10-11 O '56.

Effect of antibiotics on the course of experimental dysentery intoxication [with summary in French, p. 64]. S. M. Navashin. Antibiotiki 1 no. 4:44-48 Jl-Ag '56.

Effectiveness of Chernokhvostov's alcohol vaccine in the compound treatment of cysentery. T. A. Bashkirev. Voen.-med. zhur. no. 7:38-41 Jl '56.

Group cases of water-borne dysentery. N. I. Volovich. Zhur. mikrobiol. epid. i immun. 27 no. 10:29-33 O '56.

Guslits, S.V. [Epidemiology and prophylaxis of dysentery] Epidemiologiia i profilaktika dizenterii. Moskva, Medgiz, 1956. 179 p. (Bibliioteka sanitarnogo vracha i epidemiologa) (DAFM)

Kosmodamianskii, V. N., ed. [Intestinal infections; problems in the bacteriology, immunology, and therapy of typhoid fever and dysentery] Kishechnye infektsii; voprosy bakteriologii, immunologii i kliniki briushnogo tifa i dizenterii. [Leningrad] Medgiz, 1956. 198 p. (DAFM)

Problem of bacteremia in dysentery. G. I. Rozenbaum. Zhur. mikrobiol. epid. i immun. 27 no. 10:43-44 O '56.

Problem of the role of the fly factor in seasonal outbreaks of dysentery. V. S. Zinchenko, E. M. Nestervodskaia. Zhur. mikrobiol. epid. i immun. 27 no. 10: 33 O '56.

Sakharov, P. I. [Dysentery and its prevention] Dizenteriia i ee preduprezhdenie. Moskva, Medgiz, 1955. 29 p. (DA)

DYSENTERY—CONGRESSES

Akademiia meditsinskikh nauk SSSR, Moscow. Institut infektsionnykh boleznei. [Expended scientific conference of the Institute on the problem of dysentery; abstracts of reports, April 7-9, 1955] Rasshirennaia nauchnaia konferentsiia instituta po probleme dizenterii; tezisy dokladov., 7-9 aprelia 1955 goda. Kiev, 1955. 55 p. (DAFM)

DYSENTERY—PREVENTIVE INOCULATION

Comparative evaluation of the quality of dysentery vaccines. V. D. Beliakov. Zhur. mikrobiol. epid. i immun. 27 no. 10:48-52 O '56.

DYSPROSIUM—SPECTRA

Isotope shift in the spectrum of dysprosium. IU. P. Dontsov. Opt. i spektr. 1 no. 5:612-616 S '56.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926

Heroic life ("Feliks Dzerzhinskii"; diary and letters. Reviewed by Sh. Viadro). Zmina no. 10:8 O '56.

DZHABARLY, DZHAFAR, 1899-1934

New work on Dzh. Dzhabarly ("Dzhafar Dzhabarly's creative career" [in Azerbaijani]. M. Arif. Reviewed by Gabib Babaev). Druzh. nar. no. 10:177-180 O '56.

DZHALAL-ABAD—HEALTH RESORTS, WATERING PLACES, ETC.

Role of the loess cover in the mineralization of thermal waters at the Dzhalal-Abad health resort. V. Kadyrov, S. A. Durov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 2:51-64 '55.

DZUNGARIAN ALA-TAU—GLACIERS

Dynamics of glaciers of Lepsa "Kora" of the mountain range Dzungarian Ala-Tau. N. N. Pal'gov. Vop. geog. Kazakh. no. 1:125-143 '56.

DZUNGARIAN ALA-TAU—GEOLOGY, STRATIGRAPHIC

Age of sedimentary layers in the Dzhaman-Bulak Valley of the Dzungarian Ala-Tau. A. P. Rotai. Inform. sbor. VSEGEI no. 2:35-40 '55.

DZUNGARIAN ALA-TAU—PALEONTOLOGY, STRATIGRAPHIC

Age of sedimentary layers in the Dzhaman-Bulak Valley of the Dzungarian Ala-Tau. A. P. Rotai. Inform. sbor. VSEGEI no. 2:35-40 '55.

EAR—CANCER

Recovery from primary cancer of the middle ear. M. F. Korolev. Vest. oto-rin. 18 no. 5:110-111 S-O '56.

EAR—DISEASES

Furacillin for treating chronic purulent mesotympanitis. E. A. Landsberg. Voen.-med. zhur. no. 7:88-89 Jl '56.

EAR—FOREIGN BODIES

Metallic foreign body remaining ten years in the middle ear. M. F. Korolev. Vest. oto-rin. 18 no. 5:109 S-O '56.

EAR—FOREIGN BODIES (Continued)

Unusual foreign body in the ear. G. I. Ivakhno. Vest. oto-rin. 18 no. 5:110 S-O '56.

Unusual foreign body in the middle ear, the eustachian tube and the pharynx. M. N. Buntina. Vest. oto-rin. 18 no. 5:108 S-O '56.

Unusual foreign body which penetrated into the cavity of the middle ear. I. E. Chumak. Vest. oto-rin. 18 no. 5:107 S-O '56.

EAR—SURGERY

Plastic surgery for closing postoperational openings behind the ears. V. N. Shchechkin. Vest. oto-rin. 18 no. 5:100 S-O '56.

"Restoration of hearing in otosclerosis by mobilization of a fixed membrane of the stapes" [in English]. S. Rosen. Reviewed by I. I. Shcherbatov. Vest. oto-rin. 18 no. 5:75-77 S-O '56.

"Surgical treatment of defective hearing in otosclerosis." A. A. Atkarskaia. Reviewed by K. L. Khilov. Vest. oto-rin. 18 no. 5:64-67 S-O '56.

Treatment in otogenous brain abscesses. N. S. Gracheva. Vest. oto-rin. 18 no. 5:100-101 S-O '56.

EAR—WOUNDS AND INJURIES

Cases of injuries of the ear caused by electricity. V. Z. Pushkin. Vest. oto-rin. 18 no. 5:99-100 S-O '56.

EARTH—CHEMICAL COMPOSITION see Geochemistry

EARTH—ROTATION

Remarks on the critical parallels of M. V. Stovas and on the influence of solar activity on irregular variations in the velocity of the earth's rotation. N. N. Parifskii. Astron. zhur. 33 no. 4:625-630 Jl-Ag '56.

EARTH MOVEMENTS
(see also subdivision under Krasnovodsk Peninsula)

F. IU. Loewinson-Lessing's ideas on secular oscillations of the earth's crust in the light of present-day views. B. L. Lichkov. Och. po ist. geol. znan. no. 5:248-259 '56.

Mechanisms in the formation of complex tectonic profiles. M. V. Gzovskii. Razved. i okh. nedr 22 no. 7: 1-14 Jl '56.

Using geobotanical characteristics for detecting tectonic disturbances. S. V. Viktorov, E. A. Vostokova, L. F. Voronkova. Trudy VAGT no. 1:89-98 '55.

EARTH SATELLITE see Space stations

EARTH TEMPERATURE

Size of the geothermal gradient in the petroleum layers of Kirovabad District. S. A. Aliev. Uch. zap. AGU no. 9:27-32 '55.

EARTHMOVING MACHINERY
(see also subdivision under United States)

Investigation of the cutting pattern of elevator-type grader blades. M. I. Estrin. Stroi. i dor. mashinostr. 1 no. 10: 21-23 O '56.

EARTHQUAKES see subdivision under Crimea

EARTHQUAKES—MEASUREMENT see Seismometry

EARTHQUAKES AND BUILDING

Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. [Research in earthquake-proofing of buildings and structures] Issledovaniia po seismostoikosti zdanii i sooruzhenii. Pod red. A.E.Desova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 118 p.

...ititut
...vey
...r rare
...iza-
...nykh
...seian-
...lit-ry po geol. i okhrane nedr, 1956. 54 p.

EARTHWORK

Popov, V.I.[Earth work in rural construction] Zemlianye raboty v sel'skom stroitel'stve. Moskva, Moskva, Gos. izd-vo po stroit. i arkhitekture, 1956. 76 p. (V pomoshch' sel'skomu stroiteliu)

EARTHWORK—COLD WEATHER CONDITIONS

Drilling holes in frozen ground by means of hot compressed air. L. M. Cherevatskii. Nov. tekh. i pered. op. v stroi. 18 no. 10:18-19 O '56.

Earthwork under cold weather conditions. M. I. Gal'perin. Nov. tekh. i pered. op. v stroi. 18 no. 10:8-10 O '56.

EAST (FAR EAST) see Far East

EAST (MIDDLE EAST) see Near East

EAST (NEAR EAST) see Near East

EAST GERMANY see Germany, East

EASTERN ORTHODOX CHURCH see Orthodox Eastern Church

EBERTHELLA TYPHOSA

Experimental basis of a new method for detecting Shigella dysenteriae and Eberthella typhosa with the aid of phages. V. D. Timakov, D. M. Gol'dfarb. Zhur. mikrobiol. epid. i immun. 27 no. 10:3-9 O '56.

Immunochemical study of antigen complexes obtained by various methods from Salmonella paratyphi and Eberthella typhosa cultured on various media. I. D. Dubrovskaia and others. Zhur. mikrobiol. epid. i immun. 27 no. 10:22-28 O '56.

ECHINOCOCCUS see Tapeworms

ECLIPSES

Solar and lunar eclipses. K. Shistovskii. Sem'ia i shkola 11 no. 11:25-26 N '56.

ECOLOGY

Lozina-Lozinskii, L.K. [The organism and its environment; a teacher's manual] Organizm i usloviia zhizni; v pomoshch' uchiteliu. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 159 p.

ECONOMIC CONDITIONS

Basic problems in the economic rivalry between socialism and capitalism. S. Vishnev. Plan. khoz. no. 4:3-16 '56.

[Productivity against the working class in capitalist countries; a collection of articles. Translated from the French, German and English] Proizvoditel'nost' protiv rabochego klassa v stranakh kapitala; sbornik materialov. Perevod s frantsuzskogo, nemetskogo i angliiskogo V.V.Liubimovoi i dr. Predisl. A.L.Notkina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 225 p.

ECONOMIC GEOGRAPHY see Geography, Economic; also subdivision under Bostandyk District; Italy; Kazakhstan; Polesye

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC RESEARCH

Basic tasks and structure of the Institute of Economics. Vest. AN SSSR 26 no. 10:86-87 O '56.

ECONOMICS

K. Marx on the distribution of the combined national wealth [in Georgian with summary in Russian]. F. Lobzhanidze. Trudy TGU no. 59:113-134 '55.

Model political economy topic plan for study groups and seminars. Mosk. prop. 13 no. 9:56-61 S '56.

"Socialist replacement of the means of production," IA. A. Kronrod. Reviewed by A. Vikent'ev. Plan. khoz. no. 4:86-92 '56.

ECONOMICS—STUDY AND TEACHING
(see also subdivision under Ukraine)

Aspects of applied economics in the teaching of specilized subjects. V. IA. Kalinin. Sred. spets. obr. no. 10:52-53 O '56.

A knowledge of economics for workers. D. Vashchenko. Prof.-tekh. obr. 13 no. 10:29-30 O '56.

Recommended themes for exercises in political economy seminars and groups. Komm. Bel. 29 no. 10:81-83 O '56.

A trade-union key group arms itself with a knowledge of economics. A. Lisovin. Sov. profsoiuzy 4 no. 10: 49-54 O '56.

Using local material in studying the economics of industry. F. Babun. Mosk. prop. 13 no. 10:37-40 O '56.

We study practical economics. I. Diuburg. Grazhd. av. 13 no. 9:33 S '56.

ECONOMICS OF WAR see subdivision 'War—Economic aspects' under United States

EDDY ELECTRIC CURRENTS see Electric currents, Eddy

EDIBLE PLANTS see Plants, Edible

EDINBURGH—NATURAL RESOURCES—CONGRESSES

International protection of nature. G. P. Dement'ev, L. K. Shaposhnikov. Vest. AN SSSR 26 no. 10:71-75 O '56.

EDISON, THOMAS ALVA, 1847-1931

Thomas Alva Edison; on the twenty-fifth anniversary of his death. L. D. Bel'kind. Elektrichestvo no. 10:77-81 O '56.

Tireless inventor; on the 25th anniversary of T. A. Edison's death. L. Kalashnikov. Nauka i zhizn' 23 no. 10:55-56 O '56.

EDITING

Man in a retort. Sergei L'vov. Znamia 26 no. 10: 189-192 O '56.

EDUCATION
(see also subdivision under China; Khalturin District)

Comments on the article by O. I. Rut entitled "The status and tasks of teaching the theory of student training." Sov. pedag. 20 no. 11:83-89 N '56.

Conference of teachers from experimental schools of the Academy of Pedagogical Sciences of the R. S. F. S. R. Sov. pedag. 20 no. 11:122-124 N '56.

Important task for the building of Communism; Communist Party is the organizer of the ... revolution in the U. S. S. R." M. Kim; "... cultural and technical level of the laboring ... the U. S. S. R." O. Gubareva. Reviewed by ... lov). Sov. Ukr. 6 no. 9:184-186 ... '56

In the Ministry of Education of the R. S. F. S. R. Glatman. Inostr. laz. v shkole no. ... '56

New tasks. E. Afanasenko. Neva no. ... '56

Party organizations and the school. ... prop. 13 no. 9:45-49 S '56.

Pressing problems; letters on school ... training of young people. Sov. Ukr. ... S '56.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—EXHIBITIONS AND MUSEUMS see ... division under Poltava Province; Ukraine

EDUCATION—HISTORY

Fight for the teachers during the first months ... rule. G. V. Vitukhnovskii. Sov. pedag. ... 71-82 N '56.

The October Revolution and the role of ... cultural development. Sov. pedag. 20 ... '56.

Pirogov, D. I. [Selected pedagogical works] ... pedagogicheskie sochineniia. Moskva, ... (NNC)

Role of Soviet society in the development of ... tion. I. D. Rasulbekov. Sov. pedag. 20 ... N '56.

EDUCATION—PERIODICALS see subdivision ... France

EDUCATION, COMMUNIST see Communist ...

EDUCATION, COOPERATIVE

Carry out to completion the decisions of the ... conferences. Prof.-tekh. obr. 13 ... Entrance into life. V. Izvekov. Neva ...

Preparing students for independent work. ... Prof.-tekh. obr. 13 no. 10:15-16 O '56.

EDUCATION, ELEMENTARY
(see also subdivision under China)

Guidance practice in the first and second ... Vysotina. Sov. pedag. 20 no. 11:31-40 ...

EDUCATION, ELEMENTARY—PERIODICALS

Teachers of Arkhangel'sk Province discuss ... "Nachal'naia shkola." A. I. Vonkrone... shkola 24 no. 11:61-62 N '56.

EDUCATION, HIGHER
(see also subdivision under Moscow; White ...

Brief news. Vest. vys. shkoly 14 no. 10:... '56

Give unflagging attention to the education of ... youth. Vest. vys. shkoly 14 no. 10:3-11 ... '56

In the Ministry of Higher Education. Vest. vys. shkoly 14 no. 10:42-43 O '56.

EDUCATION, INDUSTRIAL see Technical education

EDUCATION, MILITARY see Military education

EDUCATION, NAVAL see Naval education

EDUCATION, PHYSICAL see Physical education and training

EDUCATION, PRESCHOOL
(see also subdivision under Bashkiria; Ukraine)

Strengthen labor discipline and steadfastly ... principles of collective leadership. Doshk. vosp. ... no. 10:1-5 O '56.

EDUCATION, RURAL

Methodological aid to teachers in rural ... schools with few rooms. Sov. pedag. 20 ... N '56.

EDUCATION, SCIENTIFIC see Science—Study and teaching

EDUCATION, SECONDARY

Russia (1923- U.S.S.R.) Ministerstvo vysshego ... zovaniia. [Regulations governing admission and programs of entrance examinations for students entering secondary schools for special studies in 1956] Pravila priema i programmy priemnykh ekzamenov dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia v 1956 godu. Moskva, 1956. 38 p.

The strongest weapon in life. E. Maslova. ... 5-6 S '56.

EDUCATION, VISUAL see Visual education

EDUCATION, VOCATIONAL see Vocational education

EDUCATION OF ADULTS see Adult education

EDUCATION OF CHILDREN
(see also subdivision under Dnepropetrovsk; Grodno)

Generalizing from the experience of elementary teachers. A. Shcherbakova. Nach. shkola 24 no. 10:61-62 O '56.

Good luck! Smena 33 no. 17:1 S '56.

Ten-year schools for specialized children's homes. I. Odintsov. Sots. obesp. 17 no. 9:30-31 S '56.

A useful book for parents ("Developing independent work habits in students in connection with the completion of homework assignments." L. N. Skatkin. Reviewed by T. N. Kalechits). Nach. shkola 24 no. 10:59 O '56.

EDUCATION OF CHILDREN—OCCUPATIONS AND BUSY WORK

Everyday work as a means of teaching self-reliance to preschool children. L. A. Porembskaia. Uch. zap. Ped. inst. Gerts. 126:7-42 '56.

Manual training class in the first grade. A. I. Tomilina. Nach. shkola 24 no. 10:48-50 O '56.

Three booklets on manual training in the elementary school. Reviewed by A. Shastov. Nach. shkola 24 no. 10:57-59 O '56.

Tour of duty in the kindergarten as a means of developing a sense of responsibility in preschool children. Z. N. Borisova. Uch. zap. Ped. inst. Gerts. 126:43-76 '56.

EDUCATIONAL ADMINISTRATION see School administration and organization

EFANOV, VASILII PROKOF'EVICH, 1900-

Vasilii Prokof'evich Efanov. Moskva, Izd-vo "Sovetskii khudozhnik," 1953. 21 p., illus.

EFENDIEV, I.

Based on a strange law ("In the Atnev family." I. Efendiev. Book review). Druzh. nar. no. 10:185 O '56.

EFFICIENCY, INDUSTRIAL
(see also subdivision under China)

Bykov, P. B. [A frank conversation] Otkrovennyi razgovor. [Moskva] Moskovskii rabochii, 1956. 118 p.

Computing parameters and instruments for determining the productive time of equipment. V. S. Vasil'ev. Stan. i instr. 27 no. 9:7-11 S '56.

Introduce the practice of leaders among all workers. E. Varnakova. Blok. agit. no. 33:1-9 N '56.

The organization of work and the standard of production. I. Voronkov. Sots. trud. no. 4:86-91 Ap '56.

Organize the introduction of innovators' practices into production. Sots. trud. no. 4:3-11 Ap '56.

Output norms and the work of work norm specialists. A. Bochkov. Sots. trud. no. 4:103-106 Ap '56.

Proposals which fail to take into account practical requirements. N. Kulakov. Sots. trud. no. 4:98-99 Ap '56.

The question was stated correctly. N. Preobrazhenskii. Sots. trud. no. 4:102-103 Ap '56.

Rizhkov, I. I. [Lowering the cost and raising the quality of production in socialist industry] Znyzhennia sobivartosti i pidvyshchennia iakosti produktsii v sotsialistychnomu vyrobnytstvi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1956. 54 p. (Na dopomohu ekonomichnii osviti)

Shershnov, E. G. [Resources of the entire organized group] Sliami vsego kollektiva. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 39 p. (Rasskazy novatorov)

We are concrete in our visual agitation. I. Klepikov. Blok. agit. no. 32:26-32 N '56.

What impedes the development of inventiveness? A. Omel'chenko. Kommunist 33 no. 14:123-126 S '56.

What the Moscow inventors and efficiency promoters gave industry. Blok. agit. no. 32:23-26 N '56.

Who should establish work standards at machine building plants? R. Khisin. Sots. trud. no. 4:100-101 Ap '56.

EGGPLANT—VARIETIES

Canning 10, a new variety of eggplants. M. S. Katarzhin. Trudy VNIIKOP no. 5:171-175 '55.

EGGS

Fungicidal properties of chicken egg protein at various stages of embryonic development. G. P. Koratkova. Biul. eksp. biol. i med. 42 no. 9:60-63 S '56.

Mineral feed from eggshells. F. Pankova and others. Mias. ind. SSSR 27 no. 5:36-37 '56.

EGYPT

Present-day Egypt. L. Vatolina. Mosk. prop. 13 no. 9:69-75 S '56.

EGYPT—ANTIQUITIES

Trip of Soviet archaeologists and ethnographers to Egypt. B. B. Piotrovskii. Vest. AN SSSR 26 no. 9:67-70 S '56.

EGYPT—DESCRIPTION AND TRAVEL

Egypt, Syria, Lebanon. Orest Vereiskii. Sov. Soiuz no. 11:20-21 N '56.

EGYPT—IRRIGATION

Development of irrigation in Egypt and the new Aswan Dam. M. Mikhailov. Khlopkovodstvo 6 no. 10:56-58 O '56.

EGYPT—PEASANTRY

Ayrout, Henry Habib. [The fellaheen of Egypt. Translated from the French] Fellakhi Egipta. Perevod s frantsuzskogo V. V. Volkovoi i G. D. Kulagina. Moskva, Izd-vo inostrannoi lit-ry, 1954. 178 p.
(NN)

EGYPT—POLITICS AND GOVERNMENT

A Mexican painter about his conversation with the President of Egypt. V. Poltakovskii. Ogonek 34 no. 42:2-3 O '56.

EGYPT—PUBLIC HEALTH

Voice of the heart. M. Essama. Zdorov'e 2 no. 10: 15 O '56.

EGYPT—PUBLIC WARFARE

"Social centers" in Egypt; answers to readers' questions. Nov. vrem. 14 no. 43:27-28 O '56.

EGYPT—PYRAMIDS

An architect's outstanding discovery. Olden Arman'iak. Tekh. mol. 24 no. 10:30-31 O '56.

EGYPT—RELATION (GENERAL) WITH RUSSIA

Egyptian sailors in Odessa. I. Kosinskii. Sov. Ukr. 6 no. 10:189-190 O '56.

Our interviews. Sots. obesp. 17 no. 10:62 O '56.

EGYPT—SPORTS

In the Egyptian Republic. V. Trapeznikov. Fizk. i sport 26 no. 10:22-23 '56.

EGYPT—YOUTH

Young Egyptian patriots. Mukhammed A. Kh. Allam. Mol. komm. 14 no. 10:108-111 O '56.

EGYPTIAN POETRY—HISTORY AND CRITICISM

Egyptian poets ("Poems by Egyptian poets." Reviewed by A. Romanov). Ogonek 34 no. 40:29 S '56.

EHRENBURG, IL'IA GRIGOR'EVICH, 1891-

"The thaw"; a novel. Il'ia Ehrenburg. Reviewed by B. Shirtaev. Vest. Inst. po izuch. SSSR no. 3:131-133 Jl-S '56.

EIGENFUNCTIONS

Study of the spectrum and eigenfunction expansion of certain non self-adjoint operators. Z. I. Khalilov. Uch. zap. AGU no. 1:15-22 '55.

ELASTIC PLATES AND SHELLS

Bending of a fastened plate subjected to loads uniformly distributed on a circular area. O. M. Sapondzhian. Izv. AN Arm. SSR, Ser. FMET nauk 9 no. 5:61-75 '56.

Vol'mir, A. S. [Elastic buckling plates and shells] Gibkie plastinki i obolochki. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 419 p.

ELASTICITY

Determining the frequencies of free vibrations in elastic systems having some degrees of freedom. L. S. Agamirzian. Trudy TbIIZHT no. 22:133-156 '56.

ELASTOMERS

Laws governing the development of the high elastic shear and the relaxation of stress in elastomers and their solutions [with English summary in insert]. L. V. Ivanova-Chumakova, P. A. Rebinder. Koll. zhur. 18 no. 5:540-546 S-O '56.

ELECTIONS see subdivision under United States

ELECTRIC ANESTHESIA

Electric anesthesia. IU. Khudyi, E. Gur
Nauka i zhizn' 23 no. 11:63 N '56.

ELECTRIC APPARATUS AND APPLI/

Aspects of the operation and adjustm
differential-phase protection on lo
Mogil'nitskii. Elek. sta. 27 no. 9

Detection of hidden faults in flexible el
L. G. Prishchep. Vest. elektroprom.
Ap '56.

Device for recording overloaded ope
tion transformers (Electric Light
Prom. energ. 11 no. 8:29 Ag '56

High-voltage circuit breakers, disc
transformers and lightning arreste
11 no. 8:38 Ag '56.

New electric appliances. Zhil.-ko
29 '56.

New portable electrographic device
V. P. Milin. Zav. lab. 22 no. 8:99

Protective device employing a radio
Petrov, N. I. Ovcharenko. Prom.
S '56.

Testing turn insulation in high-volta
operating conditions. M. V. Smirn
prom. 27 no. 3:62-61 Mr '56.

Trop, A. E. [Electric equipment at coal preparation and briquette factories] Elektrooborudovanie ugleobogatitel'nykh i briketnykh fabrik. Izd. 2-e, ispr. i dop. Moskva, Ugletekhizdat, 1956. 198 p.

ELECTRIC APPARATUS AND APPLIANCES—REPAIRING

"Repairing the electric equipment of sugar factories." A. I. Maevskii, I. P. Dadykin. Prom. energ. 11 no. 8: 37-38 Ag '56.

ELECTRIC APPARATUS AND APPLIANCES—STANDARDS

In the Ministry of the Electric Industry. A. A. Drugova. Vest. Elektroprom. 27 no. 3:75-76 Mr '56.

ELECTRIC APPARATUS AND APPLIANCES, DOMESTIC

For the fulfillment of production of domestic electric appliances. G. K. Ivanov. Vest. elektroprom. 27 no. 3:3-10 Mr '56.

ELECTRIC ARC

Brightness distribution on the tip surface of the anode in a silent carbon arc. N. V. Chernyshova. Svetotekhnika 2 no. 5:15-17 S '56.

Calculating alternating-current arcs. I. S. Taev. Elektrichestvo no. 10:57-61 O '56.

ELECTRIC ARC—SPECTRA

Determining limit concentrations for the self-absorption of spectral lines in arc discharges. V. S. Mel'chenko. Opt. i spektr. 1 no. 3:321-329 Jl '56.

Determining metal atom concentrations in d. c. arc plasma burning at lowered pressures. E. I. Nikonova, V. K. Prokof'ev. Opt. i spektr. 1 no. 3:298-301 Jl '56.

Shape and width of spectral lines in d. c. electric arcs. V. F. Kitaeva, N. N. Sobolev. Opt. i spektr. 1 no. 3: 302-320 Jl '56.

ELECTRIC BATTERIES

News of Soviet science and technology. Fiz. v shkole 16 no. 5:15-18 S-O '56.

ELECTRIC BUS BARS

Skin effect in a bus bar of rectangular cross section. S. D. Kupalian. Trudy MAI no. 66:55-61 '56.

ELECTRIC CABLES
(see also subdivision under Netherlands; United States)

Aspects of insulating cables for supervoltage. L. I. Macheret, V. V. Zverev. Vest. elektroprom. 27 no. 3:29-38 Mr '56.

Detection of hidden faults in flexible electric cables. L. G. Prishchep. Vest. elektroprom. 27 no. 4:69-71 Ap '56.

Grodnev, I. I., R. M. Lakernik, and D. L. Sharle. [Fundamentals of the theory and the production of communication cables] Osnovy teorii i proizvodstva kabelei sviazi. Moskva, Gos. energ. izd-vo, 1956. 480 p.

PRVPA and PTVZh cables for underground lines. A. TSuprikov. Radio no. 10:30 O '56.

Permissible loads on cables in raceways and in open air. E. A. Proshchin. Prom. energ. 11 no. 10:38 O '56.

Support for electric cables. N. B. Diatchin. Mekh. stroi. 13 no. 10:26 O '56.

Use of 2-6 kv. cable networks in fields of the Ministry of the Petroleum Industry of the Azerbaijan S. S. R. S. A. Ioannisian. Energ. biul. no. 10:10-12 O '56.

ELECTRIC CHARGE AND DISTRIBUTION

Charge renormalization for an arbitrary, sufficiently large value of $e_0$. K. A. Ter-Martirosian. Zhur. eksp. i teor. fiz. 31 no. 1:157-159 Jl '56.

ELECTRIC CIRCUIT BREAKERS

ELECTRIC HEATING

Komissarov, L.A. [Experience in the electric heating of concrete and reinforced concrete] Opyt primeneniia elektroprogreva betona i zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1950. 70 p.

ELECTRIC INDUSTRIES
(see also subdivision under Moscow)

Countrymen. F. Samoilov. Neva no. 9:157-162 S '56.

ELECTRIC INSTRUMENTS

Clamp for measuring electric resistance of short test pieces. IA. D. Khorin. Zav. lab. 22 no. 8:1002 Ag '56.

The ESK-1 electrical prospecting automatic compensator with direct reading. K. B. Karandeev and others. Razved. i okh. nedr 22 no. 7:39-49 Jl '56.

New electric prospecting apparatus for work based on the intensity method. A. S. Bazhenov, V. V. Zhuravlev. Razved. i okh. nedr 22 no. 7:49-54 Jl '56.

ELECTRIC INSTRUMENTS—STANDARDS

Planning international standards for electric measuring instruments. IA. S. Averbukh. Standartizatsiia no. 4: 30-33 Jl-Ag '56.

ELECTRIC INSULATORS AND INSULATION

Aspects of insulating cables for supervoltage. L. I. Macheret, V. V. Zverev. Vest. elektroprom. 27 no. 3:29-36 Mr '56.

Conference on the electric and physico-chemical properties of solid dielectrics. S. S. Gutin. Usp. fiz. nauk. 59 no. 4:755-763 Ag '56.

Drying electric machines (from "ETZ-A" no. 10 1955). Elektrichestvo no. 9:85-87 S '56.

Effect of insulation thickness on the use of electric machines. B. I. Kuznetsov. Vest. elektroprom. 27 no. 4:5-17 Ap '56.

Insulation "aging" in ceramics at high temperatures. I. E. Batygin, K. S. Porovskii. Zhur. tekh. fiz. 26 no. 8:1714-1722 Ag '56.

Investigation of the electric conductivity of insulating materials before, during, and after ionizing radiation. I. M. Rozman, K. G. TSimmer. Zhur. tekh. fiz. 26 no. 8:1681-1688 Ag '56.

A new insulating material for electric motors. A. I. Gershengorn. Energ. biul. no. 9:31-32 S '56.

Preventive tests and the repairing of rotor insulation of hydrogenerators. N. D. Dubinskii, V. L. Shargorodskii. Elek. sta. 27 no. 9:28-31 S '56.

Use of ceramic insulators for suspending the trolley contact network (from "El. Bahnen," 26 no. 8 '55). Elektrichestvo no. 10:87 O '56.

Using a semiconducting coating on porcelaine insulators. E. V. Kalinin. Elektrichestvo no. 10:90-92 O '56.

ELECTRIC INSULATORS AND INSULATION—REPAIRING

Rubber mixtures for repairing and uniting cables with rubber insulation. V. A. Kashin, E. B. IAntovskaia. Vest. elektroprom. 27 no. 4:65-69 Ap '56.

ELECTRIC INSULATORS AND INSULATION—TESTING

Testing turn insulation in high-voltage machines under operating conditions. M. V. Smirnov. Vest. elektroprom. 27 no. 3:52-61 Mr '56.

ELECTRIC LAMPS

Luminaires with annular metal shades. I. A. Kulakov. Svetotekhnika 2 no. 5:9-11 S '56.

ELECTRIC LAMPS, FLUORESCENT see Fluorescent lamps

ELECTRIC LIGHTING
(see also subdivision under United States)

About "Electric lighting." M. M. Epaneshnikov, M. V. Sokolov. Reviewed by V. M. Orlov. Svetotekhnika 2 no. 5:32 S '56.

Calculation of lighting networks according to voltage loss. G. M. Knorring. Elektrichestvo no. 10:81-82 O '56.

Illumination of schoolrooms. N. V. Volotskoi. Svetotekhnika 2 no. 8:18 S '56.

In the Technical Council of the Ministry of the Construction Industry of the U. S. S. R. Nov. tekh. i porod. op. v stroi. 16 no. 10:30 O '56.

ELECTRIC LIGHTING—STANDARDS

Lighting standards. A. IA. Kots. Svetotekhnika 2 no. 5: 24-26 S '56.

ELECTRIC LIGHTING, FLUORESCENT see Fluorescent lighting

ELECTRIC LINES

Aspects of the operation and adjustment of high-frequency differential-phase protection on long lines. V. M. Mogil'nitskii. Elek. sta. 27 no. 9:56-60 S '56.

Automatic reclosing without a synchronism check. A. B. Bairam-Zade. Elektrichestvo no. 9:79-80 S '56.

Calculation of supports and conductors of transmission lines according to maximum conditions. O. G. Veksel'man. Elektrichestvo no. 9:53-59 S '56.

Channels for remote signaling by wire communication lines. B. I. Skliarevskii. Elek. sta. 27 no. 9:39-42 S '56.

Effect of capacitive compensation on the operation of relay protection. V. M. Ermolenko, S. IA. Petrov. Elektrichestvo no. 9:48-53 S '56.

Measurement of high-frequency parameters of 110 and 220 kv. lines. G. V. Mikutskii. Elek. sta. 27 no. 9: 35-39 S '56.

Rated voltages for long transmission lines. N. N. Krachkovskii. Elektrichestvo no. 10:6-12 O '56.

Regulations for the installation of overhead transmission lines where they cross or approach overhead lines for communication and signaling. Prom. energ. 11 no. 8: 32-34 Ag '56.

Remarks on N. F. Rakushev's article. N. N. Tikhodeev. Elektrichestvo no. 9:88-89 S '56.

Transient stability of long transmission lines with proportional regulation of voltage. D. E. Trofimenko. Elektrichestvo no. 10:1-6 O '56.

ELECTRIC LINES—COLD WEATHER CONDITIONS

Ice formation on high-tension power lines. I. M. Kemularia, G. I. Chirakadze. Elek. sta. 27 no. 9:44-45 S '56.

ELECTRIC LINES—OVERHEAD

IG-1 clearance measuring instrument. V. A. Ortov. Energetik 4 no. 10:28-29 O '56.

Simple device for measuring the distance between conductors at intersections of overhead lines. N. L. Gel'man. Energetik 4 no. 10:27-28 O '56.

Using trolley wires as a power supply for gantry crane motors. S. I. Smal', B. E. Shelomov. Mekh. stroi. 13 no. 10:23-24 O '56.

ELECTRIC LINES—TESTING

Device for measuring nonlinear distortions. Vest. sviazi 16 no. 9:28 S '56.

ELECTRIC LOCOMOTIVES
(see also subdivision under France)

Last locomotive. I. Adabashau. Belarus' 13 no. 10:16 O '56.

The N8 electric locomotive trucks do not meet present requirements. V. B. Mekel'. Zhel. dor. transp. 38 no. 10:82 O '56.

Rakov, V. A., and P. K. Ponomarenko. [Electric locomotives] Elektrovoz. Izd. 5-oe, perer. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 627 p.

ELECTRIC MACHINERY

Calculation of inductive shunts. A. L. Lozenovskii. Vest. elektroprom. 27 no. 3:45-49 Mr '56.

Effect of armature reaction on the leakage fields of main poles and on leakage inductance of the field winding in direct-current machines. V. V. Fetisov. Vest. elektroprom. 27 no. 4:60-64 Ap '56.

Effect of insulation thickness on the use of electric machines. B. I. Kuznetsov. Vest. elektroprom. 27 no. 4:5-17 Ap '56.

Nature of ring fire on the collector of high-voltage d. c. machines. M. D. Nakhodkin, V. S. Khvostov. Vest. elektroprom. 27 no. 4:34-41 Ap '56.

Operation of three-phase a. c. machines with unbalanced stator windings. E. IA. Kazovskii. Vest. elektroprom. 27 no. 4:17-34 Ap '56.

Practical method for calculating magnetic potential in the teeth of electric machinery. A. I. Moldaver. Vest. elektroprom. 27 no. 3:49-52 Mr '56.

Raising the power factor of electric equipment. V. P. Klebanovich. Gidroliz. i lesokhim. prom. 9 no. 4: 25-26 '56.

ELECTRIC MACHINERY INDUSTRY

Manufacture of electric equipment. N. Dubinin. P. Chusov. Prom. energ. 11 no. 9:35-36 S '56.

Results of the work of the Electric Machine Section of the Technical Council of the Ministry of the Electric Industry in 1956. Vest. elektroprom. 27 no. 3:76-78 Mr '56.

Reznichenko, F. G. [Economizing in industrial enterprises; the practice of a group in the Vladimir Il'ich Electric Machinery Plant in Moscow] Rezhim ekonomii na promyshlennom predpriiatii; opyt kollektiva Moskovskogo elektromekhanicheskogo zavoda imeni Vladimira Il'icha. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti, vyp. 1, no. 3)

Work of the High-Voltage Apparatus and Transformer Section of the Technical Council of the Ministry of the Electric Industry in 1956. T. M. Valueva. Vest. elektroprom. 27 no. 4:74-76 Ap '56.

ELECTRIC MEASUREMENTS

Determining the shunting conductivity of the probe in recording circuits. M. E. Gertsenshtein. Izm. tekh. no. 4:37-38 Jl-Ag '56.

Electrometric method of determining the protective capacity of bituminous insulation coatings. V. I. Zhukov, A. A. Kozlovskaia. Trudy VNIISTROINEFT' no. 8: 34-51 '56.

Instrument for the continuous comparison of electric oscillation frequencies. E. V. Artem'eva. Izm. tekh. no. 4:83-84 Jl-Ag '56.

Measuring the current intensity in pipelines by the compensation method. V. I. Glazkov. Trudy VNIISTROINEFT' no. 8:140-147 '56.

Oscillographic study of the work of loading machines in actual working conditions. N. V. Tikhonov. Trudy MGRI 30:28-34 '56.

Vostroknutov, N. G. [Electric and magnetic measurement techniques] Tekhnika izmerenii elektricheskikh i magnitnykh velichin. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 440 p.

ELECTRIC MEASUREMENTS—TERMINOLOGY

Standardizing the terminology related to the electric measurements of nonelectric values. B. A. Glagovskii. Standartizatsiia no. 4:71-72 Jl-Ag '56.

ELECTRIC METERS

Eliminating the moment of mutual inductance in alternating-current electromagnetic logometers. L. Sh. Kheresa. Izm. tekh. no. 4:82 Jl-Ag '56.

Errors of single-phase phase meters. A. D. Nesterenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:3-31 '55.

Investigation of the operation of phase testers. G. I. Gladyshev. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:115-117 '55.

ELECTRIC MOMENTS

Dipole moments of dielectric and semiconductor particles. D. V. Kuz'min. Zhur. tekh. fiz. 26 no. 8:1880-1883 S '56

ELECTRIC MOTORS

Checking the air gap in electric motors. S. F. Gershkovich. Prom. energ. 11 no. 10:37 O '56.

Conference on methods for improving the reliability of electric machines for rolling mills. S. Loshkov. Vest. elektroprom. 27 no. 4:76-77 Ap '56.

Law of economical control of electric machines. A. A. Bulgakov. Elektrichestvo no. 10:29-32 O '56.

PED35-2 electric motor for oil wells. Vest. elektroprom. 27 no. 4:72-73 Ap '56.

Protection of three-phase motors against two-phase operation. G. G. Gimolan, V. V. Glushko, I. M. Skomorokhov. Prom. energ. 11 no. 9:15-18 S '56.

Reasonable selection of motors for drives operating under frequent switching conditions. S. A. Vorob'ev. Trudy Ural. politekh. inst. no. 45:156-180 '53.

ELECTRIC MOTORS—REPAIRING

Repairing submersible electric motors in oil-field shops. A. B. Fradkin, B. M. Ulasiuk. Energ. biul. no. 10:20-22 O '56.

ELECTRIC MOTORS—STARTING DEVICES

Starting arrangement for direct-current motors. A. V. Ladikov. Energetik 4 no. 10:23 O '56.

ELECTRIC MOTORS—TESTING

Apparatus for testing motors at load. L. G. Rubo. Prom. energ. 11 no. 10:39 O '56.

ELECTRIC MOTORS, INDUCTION

Circle diagrams of induction machines. T. P. Gubenko. Vest. elektroprom. 27 no. 4:53-60 Ap '56.

Controlling the speed of asynchronous motors by magnetic flux shunting. O. H. Shapovalenko. Avtomatyka no. 3: 64-77 '56.

Electric motors of the MD series. Prom. energ. 11 no. 10:40 O '56.

Optimum slip conditions and minimum load losses of motors used in drives operating under abruptly varying loads. V. A. Shubenko. Trudy Ural. politekh. inst.

Industry needs 660/380 voltages. IU. L. Mukoseev. Prom. energ. 11 no. 8:12-15 Ag '56.

ELECTRIC POWER DISTRIBUTION
(see also subdivision under Azerbaijan; Kirghizistan)

Arrangement of capacitors for power factor improvement. A. A. Printsev, G. L. Gol'dmershtein. Prom. energ. 11 no. 9:34-35 S '56.

Conditions for restoring synchronism following disturbance of stability. V. M Gornshtein. Elektrichestvo no. 10:12-18 O '56.

Method for approximate calculation of voltage and current unbalance in substations supplying an out-of-balance load. V. I. Gorushkin, Z. B. Golembo. Elektrichestvo no. 10:22-24 O '56.

Use of automatic reclosing on transformers and automatic actuation of a 6-10 kv. sectionalizing switch in substations with two transformers and a 6-10 kv. sectionalized bus-bar system. O. A. Mikhailov, N. A. Kazak, G. A. Serzant. Energ. biul. no. 9:12-14 S '56.

Using autotransformers to supply power to outlying users. S. I. Tarasov. Prom. energ. 11 no. 10:38 O '56.

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

Russia (1923- U. S. S. R.) Ministerstvo elektrostantsii. [Experimental industrial transmission of 200 kilovolt direct current from Kashira to Moscow] Opytno-promyshlennaia elektroperedacha postoiannogo toka 200 kv Kashira - Moskva. Moskva, Gos. energ. izd-vo, 1956. 10 p.

ELECTRIC POWER PLANTS
(see also subdivision under Shatura; United States)

Automation of central heating and power stations. G. I. Nudler. Nauka i zhizn' 23 no. 10:40 O '56.

Draft of standards for planning medium-capacity heating and power plants. Teploenergetika 3 no. 10:53-58 O '56.

News of Soviet science and technology. Fiz. v shkole 16 no. 5:15-18 S-O '56.

Planning and building power plants with unit-plan arrangements. Elek. sta. 27 no. 9:1-3 S '56.

Planning industrial power plants of small and medium capacity. M. I. Lavrov. Prom. energ. 11 no. 9:1-6 S '56.

Portable electric power stations. Prom. energ. 11 no. 9:3 of cover S '56.

Rating the operational activity of electric power plants. V. A. Popov. Elek. sta. 27 no. 9:18-20 S '56.

Reducing personnel in electric power plants. IU. S. Sekulovich. Energetik 4 no. 10:13 O '56.

Troubles in portable electric power stations of the ZhES-2 and ZhES-9 types and their elimination. R. G. Prom. energ. 11 no. 9:22-23 S '56.

The VES-4 mobile electric power station. R. S. Deich, M. L. Livshits. Mekh. stroi. 13 no. 10:20-22 O '56.

ELECTRIC RAILROADS
(see also subdivision under Moscow Province)

All-Union conference on the improvement of the electric railroad system. B. Z. Vainshtein. Vest. elektroprom. 27 no. 3:79-80 Mr '56.

Calculating the elements of internal power supply for electric railroads by means of average load curves. L. G. Abelishvili. Trudy TbIIZHT no. 22:337-386 '50.

Electric traction in other countries. IU. M. Galonen. Elektrichestvo no. 9:81-85 S '56.

Electrification of railroad transportation in iron and steel plants. E. A. Khokhlov. Stal' 16 no. 9:835-841 S '56.

ELECTRIC RAILROADS—BRAKES

Final phase of rheostatic braking. V. E. Skobelev. Elektrichestvo no. 9:73-78 S '56.

ELECTRIC RAILROADS—RAILS

Increasing transient resistance in trolley tracks as a means for controlling current leakage. E. Ovechnikov, A. Kulikov. Zhil.-kom. khoz. 6 no. 5:17-19 '56.

ELECTRIC RAILROADS—SUBSTATIONS

Automatic and remote control in traction substations. S. M. Zhdanov. Zhel. dor. transp. 38 no. 10:18-21 O '56.

ELECTRIC REACTORS

Operation of saturable reactors with a semiconductor rectifier and a resistive-inductive load. A. G. Zdrok, G. P. Smirnov. Elektrichestvo no. 10:44-47 O '56.

Saturable reactors in welding transformers with semiconductor rectifiers. D. G. Bykhovskii, M. I. Kaplan. Elektrichestvo no. 10:74-76 O '56.

ELECTRIC RECTIFIERS
(see also subdivision under United States)

Effect of mercury-arc rectifier installations on the power supply system. M. D. Treivas. Prom. energ. 11 no. 8:1-5 Ag '56.

ELECTRIC RELAYS

Concerning V. P. Il'iashov's article "Graphs for calculating overcurrent protection." IU. I. Akimtsev. Energetik 4 no. 10:29-30 O '56.

Increasing the current scale in operating some types of maximum relays. Kh. A. Rybak. Energetik 4 no. 10: 36-38 O '56.

Effect of capacitive compensation on the operation of relay protection. V. M. Ermolenko, S. IA. Petrov. Elektrichestvo no. 9:48-53 S '56.

Electrical parameters of built-in RTM overcurrent relays. R. A. Dzhafarov, G. B. Kogan. Energ. biul. no. 9:10-11 S '56.

Investigating the action of relay contacts while deshunting the disconnecting coil of switch controllers. P. M. Mel'nyk. Avtomatyka no. 3:78-84 '56.

Polarized relay mechanism with spherical armature [with English summary in insert]. A. Svoboda. Avtom. i telem. 17 no. 9:857 S '56.

Relay protection of generators and synchronous compensators. M. A. Berkovich, N. V. Vinogradov, V. A Semenov. Elek. sta. 27 no. 9:46-48 S '56.

Signaling the stoppage of power to large direct-current installations. P. M. Vaisburd, IA. A. Shapirshtein. Prom. energ. 11 no. 10:6-7 O '56.

Use of "summators" of three-phase current in relay protection systems. A. V. Kamenskii. Trudy MAI no. 66:74-80 '56.

ELECTRIC RESISTANCE

Clamp for measuring electric resistance of short test pieces. IA. D. Khorin. Zav. lab. 22 no. 8:1002 Ag '56.

Determining electric resistance of coals by heating them in a thin layer. IU. B. Tiutiunnikov. Zav. lab. 22 no. 8 958-959 Ag '56.

Skin effect in solid ferromagnetic conductors. B. B. Timofeev. Elektrichestvo no. 10:66-70 O '56.

ELECTRIC RESONATORS

Methods of measuring the intensity of electric fields in resonators and wave guides at superhigh frequencies. S. I. Tetel'baum, G. I. Gladyshev, G. N. Rapoport. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:108-114 '55.

ELECTRIC SHOCK

Comparative investigation of the effect of electroshock and camphor convulsive seizures on the higher nervous activity in dogs. I. M. Apter. Fiziol. zhur. [Ukr.] 1 no. 5:104-111 S-O '55.

ELECTRIC SPARK

Some technological problems in using the electric spark method for strengthening machinery parts. A. V. Poliachenko. Trudy VIM 23:135-158 '56.

ELECTRIC SUBSTATIONS

Distribution substations with bus bars at the bottom. V. K. Pilugachev. Elek. sta. 27 no. 9:26-27 S '56.

KSO-2U cabinets for distribution equipment handling up to 10 kv. Prom. energ. 11 no. 8:35 Ag '56.

Unit-type distribution equipment of the K-III and K-IV series. Energetik 4 no. 10:3 of cover O '56.

ELECTRIC SWITCHGEAR

Door interlock for the enclosure of a battery of static capacitors. R. S. Razykov. Prom. energ. 11 no. 9:21 S '56.

Standardized switchboards permitting one-sided or two sided servicing. R. S. Deich. Prom. energ. 11 no. 10: 27-31 O '56.

ELECTRIC TESTING

Cotton under current. G. Vladimirova. Ogonek 34 no. 47:25 N '56.

ELECTRIC TOOLS, PORTABLE see Power tools

ELECTRIC TRANSFORMERS
(see also subdivision under Germany)

Constant potential instrument transformer. A. V. Kalfaev. Elektrichestvo no. 10:24-28 O '56.

Device for recording overloaded operation of distribution transformers (Electric Light and Power no. 6 1956) Prom. energ. 11 no. 8:29 Ag '56.

Mechanical transformer. G. Kalashnikov, V. Makarov, V. Gusarov. Radio no. 10:59 O '56.

Petrov, G. N. [Electric machines; in three parts] Elektricheskie mashiny; v trekh chastiakh. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo.
Pt. 1. [Introduction. Transformers] Vvedenie. Transformatory. 1956. 224 p.

Saturable reactors with welding transformers with semiconductor rectifiers. D. G. Bykhovskii, M. I. Kaplan. Elektrichestvo no. 10:74-76 O '56.

Using autotransformers to supply power to outlying users. S. I. Tarasov. Prom. energ. 11 no. 10:38 O '56.

Valuable suggestions of innovators. Neftianik 1 no. 9: 18a-18b S '56.

ELECTRIC UTILITIES—RATES

Power rates. M. N. Skorik. Prom. energ. 11 no. 9:9-10 S '56.

Revision of power-rate schedules. A. N. Grekov, A. S. Faershtein. Prom. energ. 11 no. 9:8-9 S '56.

ELECTRIC WAVES

Correlation between the distribution [illegible] chromatic stationary process and [illegible] envelope. IA. I. Likhter. Zhur. [illegible] no. 1:148-149 Ja '56.

Distribution of the duration of [illegible] tions. V. I. Tikhonov. Radiotekh. [illegible] 23-33 Ja '56.

ELECTRIC WAVES—MEASUREMENT

Indicating instruments for measuring [illegible] power in the centimeter wave [illegible] Izm. tekh. no. 4:38-40 Jl-Ag '56.

ELECTRIC WELDING

Automatic flux techniques used for welding [illegible] A. G. Mazel', B. P. Vasil'kov. Trudy [illegible] no. 7:5-14 '56.

Decision of the conference on welding [illegible] of protective gases. N. IA. Kuchanov, [illegible] skii, A. E. Korchemkin. Svar. proizv. [illegible] S '56.

Evaluation of work conditions in various types of welding. E. I. Vorontsova, T. N. [illegible] proizv. no. 9:12-14 S '56.

Nikitin, V. P. [Principles of a theory of [illegible] generators for arc welding] Osnovy [illegible] torov i generatorov dlia dugovoi svarki. Moskva, Akademii nauk SSSR, 1956. 237 p.

Repair of connecting rods by electric welding. [illegible] experience. S. A. Alekseenko. [illegible] S '56.

Resistance of low-alloy and low-[illegible] formation of hot cracks during arc welding [illegible] sovarki. Trudy TSNII MPS no. [illegible]

Shape of butt weld surfaces. D. I. [illegible] Shishkin. Svar. proizv. no. 9:32-38 S '56.

Stage compensation of changes in [illegible] automatic arc welding. G. M. Kaspranskii, [illegible] Vest. elektroprom. 27 no. 4:42-47 Ap '56.

Standardization of operations in [illegible] I. G. Gorin. Svar. proizv. no. 9:34-37 S '56.

The use of resistance butt welding in [illegible] ing. F. I. Kisliuk. Trudy VNIIT[illegible] '56.

Welding combustion-chamber parts. [illegible] 39 no. 6:76-77 Je '56.

ELECTRIC WELDING—EQUIPMENT AND [illegible]

Automatic machine for welding [illegible] shell of a cylindrical tank. N. D. [illegible] VNIISTRONEFT' no. 7:33-38 '56.

ELECTRIC WELDING—HYGIENIC ASPECTS

Hygienic evaluation of several brands of [illegible] manual arc welding. E. I. Vorontsova. Gig. i san. 21 no. 8:36-41 Ag '56.

Pneumoconioses in welders. F. P. Krapivina. [illegible] san. 21 no. 8:29-34 Ag '56.

ELECTRIC WELDING—QUALITY CONTROL

Comparative effectiveness of weld quality [illegible] radioscopy with use of radioactive isotopes [illegible] Fal'kevich, I. E. Neifel'd. Svar. proiz[illegible] S '56.

ELECTRIC WELDING—TESTING

Chemical composition and properties of [illegible] in welding low-carbon steels under flux. [illegible] E. M. Rogova. Trudy VNIISTRONEFT' [illegible] '56.

ELECTRIC WIRE

New apparatus for fitting cable cores [illegible] with tips by pressure jointing. N. D. [illegible] Medvedenko. Energetik 4 no. 10:33-35 O '56.

ELECTRIC WIRE, INSULATED

Discussion of the use of PPV wires. [illegible] others. Prom. energ. 11 no. 8:24-25 Ag '56.

ELECTRIC WIRING, INTERIOR

Use of tubes with a thin metal sheath for [illegible] V. I. Kuznetskii, A. N. Surin. Prom. energ. [illegible] 31-32 O '56.

ELECTRICITY see subdivision under Current

ELECTRICITY—PHYSIOLOGICAL EFFECT

Cases of injuries of the ear caused by electricity. [illegible] Pushkin. Vest. oto-rin. 18 no. 5:99-100 S-O '56.

Comparing the effect of rectangular impulses of [illegible] current on the extremities in man. M. N. [illegible] Fiziol. zhur. [Ukr.] 1 no. 4:40-47 Jl-Ag '55.

ELECTRICITY, ATMOSPHERIC see Atmospheric electricity

ELECTRICITY IN AERONAUTICS

Kulebakin, V. S., V. T. Morozovskii, and I. M. [illegible] [Production, transformation, and distribution of [illegible] power in aircraft] Proizvodstvo, preobrazovanie i raspredelenie elektricheskoi energii na samoletakh. Moskva, Gos. izd-vo obor. promyshl., 1956. [illegible] p. (Elektrifikatsiia samoletov)

ELECTRICITY IN AGRICULTURE

A. A. Klimov's book "Electricity in animal husbandry." Reviewed by V. I. Efimov and others. Elektrichestvo no. 9:87-88 S '56.

Krashchinskii, V.P., and V.A.Shustov. [Electricity and its use in agriculture] Elektrichestvo i ego primenenie v sel'skom khoziaistve. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 154 p.

Rutskii, A.L., ed. [Manual for the rural electrician] V pomoshch' sel'skomu elektromonteru. Minsk, Gos. izd-vo BSSR, 1956. 289 p.

Story of the electric tractor. Sergei Borzenko. Nash. sovr. 3:249-253 '56.

Underestimation of the electrification of agriculture ("Mechanization and electrification of agriculture," S. A. Iofinov, B. G. Turbin, A. A. TSyrin). Reviewed by V. N. Konovalov). Elektrichestvo no. 9:88 S '56.

ELECTRIFICATION

Khashchinskii, V.P. [Electrification of the national economy of the U.S.S.R.] Elektrifikatsiia narodnogo khoziaistva SSSR. Leningrad, Ob-vo po rasprostraneniiu politicheskikh i nauchn. znanii RSFSR, Leningradskoe otd-nie, 1956. 44 p. (DS)

ELECTRIFICATION, RURAL see Rural electrification

ELECTROCAPILLARY PHENOMENA

Akademiia nauk SSSR. Otdelenie khimicheskikh nauk. [Electrokinetic characteristics of capillary systems; a monographic collection of experimental studies] Elektrokineticheskie svoistva kapilliarnykh sistem; monograficheskii sbornik eksperimental'nykh issledovanii. Vyp. pod rukovodstvom I.I.Zhukova ego uchenikami. Moskva, 1956. 352 p.

ELECTROCARDIOGRAPHY

Characteristics of cardiac function in workers in a hot environment. M. K. Vitte. Fiziol. zhur. [Ukr.] 1 no. 4:48-53 Jl-Ag '55.

Dynamics of an unconditioned defense reflex in adaptation reactions of the body according to electrocardiographic data. T. B. Levina. Uch. zap. MGPI 94:43-46 '55.

Significance of unipolar electrocardiography in diagnosis of local lesions of the myocardium. S. Kh. Sidorovich. Terap. arkh. 28 no. 6:43-53 '56.

Some data on the effect of the working day on cardiovascular and neural functions in miners. O. O. Navakatikian and others. Fiziol. zhur. [Ukr.] 1 no. 4:54-63 Jl-Ag '55.

ELECTROCHEMICAL ANALYSIS

Rapid electrometric method of determining potassium chloride content in artificial leather. E. S. Khovshaia and others. Leg. prom. 16 no. 9:30-32 S '56.

ELECTROCHEMISTRY

All-Union conference on electrochemistry. Priroda 45 no. 11:100 N '56.

Potential difference at the water - air interface [with English summary in insert]. A. N. Frumkin, Z. A. Iofa, M. A. Gerovich. Zhur. fiz. khim. 30 no. 7:1456-1460 Jl '56.

ELECTRODES

Analytical method for calculating current distribution on electrodes [with English summary in insert]. L. I. Kadaner. Zhur. fiz. khim. 30 no. 7:1560-1571 Jl '56.

Effect of heat conductivity on electric erosion in metals. A. S. Zingerman. Zhur. tekh. fiz. 26 no. 9:2008-2020 '56.

Examining electrodes for welding high-strength steels. A. A. Erokhin. Svar. proizv. no. 9:4-9 S '56.

For an efficient utilization of electrodes. I. F. IAshin. Svar. proizv. no. 9:27-28 S '56.

Indifferent electrodes. S. K. Chirkov. Zav. lab. 22 no. 8:906-908 Ag '56.

Tubular electrodes. N. A. Vasil'ev, D. V. Roshchupkin. Transp. stroi. 6 no. 9:27-28 S '56.

V. N. Poletminskii's article on the use of antimony electrodes. Sakh. prom. 30 no. 7:17-18 Jl '56.

ELECTRODES, COBALT

Oxygen overvoltage at a cobalt electrode with high current densities. IA. I. Turian, I. A. Gerasimovich. Zhur. prikl. khim. 29 no. 4:600-606 Ap '56.

ELECTRODES, GLASS

Investigation of the glass electrode by the radioactive indicator method. Part 2. Behavior of the glass electrode in the alkaline region [with English summary in insert]. N. IA. Izmailov, A. G. Vasil'ev. Zhur. fiz. khim. 30 no. 7:1500-1512 Jl '56.

ELECTRODES, PLATINUM

Effect of the degree of oxidation of the platinum anode on the rate of electrochemical oxygen evolution in sulfuric acid solutions [with English summary in insert]. E. A. Efimov, A. N. Izgaryshev. Zhur. fiz. khim. 30 no. 7:1606-1614 Jl '56.

ELECTRODIALYSIS

Using electrodialysis for studying limonites. A. A. Ivanov, Z. G. Sheina. Zap. Vses. min. ob-va 85 no. 3: 413-416 '56.

ELECTRODYNAMICS

Frenkel', IA.I. [Selected works] Sobranie izbrannykh trudov. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. Electrodynamics; general theory of electricity] Elektrodinamika (obshchaia teoriia elektrichestva), 1956. 370 p.

ELECTROENCEPHALOGRAPHY

Electroencephalographic changes in tuberculous meningitis in children during therapy. N. V. Shteinbukh, V. IU. Turchenkova. Zhur. nevr. i psikh. 56 no. 9:725-730 '56.

Electroencephalographic data in the analysis of epilepsy in works by Penfield and Jasper. L. G. Makarova. Zhur. nevr. i psikh. 56 no. 8:675-679 '56.

Electrophysiologic research on the connection of the auditory and visual analysors in the presence of a dominant focus in the cerebral cortex in the rabbit. L. A. Novikova, D. A. Farber. Fiziol. zhur. 42 no. 5: 341-350 My '56.

Expression of the dynamics of neural processes on an electroencephalogram as related to the original functional state of the cerebral cortex. V. E. Maiorchik. Zhur. vys. nerv. delat. 6 no. 4:612-620 Jl-Ag '56.

Modification of neural processes during the closure of temporary bonds. T. S. Naumova. Fiziol. zhur. 42 no. 8:695-703 Ag '56.

ELECTROENCEPHALOGRAPHY—CONGRESSES see subdivision under London

ELECTROHORTICULTURE

Under the rays of electrical suns. B. Moshkov. Neva no. 10:203 O '56.

ELECTROLYSIS

Calculation of concentration polarization in non-steady state electrolysis [with English summary in insert]. S. V. Gorbachev. Zhur. fiz. khim. 30 no. 7:1484-1489 Jl '56.

Experiments on the theory of electrolytic dissociation. Kh. B. Medinskii, M. I. Kuznetsova. Khim. v shkole 11 no. 5:43-48 S-O '56.

Relation of current efficiency to current density during the electrolysis of cryolite-alumina melts. L. N. Antipin, I. Niderkorn. Zhur. prikl. khim. 29 no. 4:577-583 Ap '56.

ELECTROLYSIS—PROBLEMS, EXERCISES, ETC.

Problems on technical electrolysis. I. K. Turyshev. Fiz. v shkole 16 no. 5:83 S-O '56.

ELECTROLYTES

Buffer properties of nickel electrolytes and the formation of hydrates occurring in them. A. I. Zhurin, M. G. Shoikhet. Zhur. prikl. khim. 29 no. 4:583-586 Ap '56.

Study of the speed of diffusion of colloidal electrolytes in aqueous solutions. A. I. IUrzhenko, R. V. Kucher. Dop. th pov. L'viv. un. no. 3, pt. 2:35-36 '52.

ELECTROLYTES—TABLES

Combined solubility table of electrolytes. A. I. Keil'man. Khim. v shkole 11 no. 5:71-72 S-O '56.

ELECTROLYTIC CORROSION

Calculating the danger of electrolytic corrosion of underground metallic structures. L. D. Razumov. Elektrichestvo no. 9:67-73 S '56.

Distribution of potentials along pipelines with cathodic protection. N. A. TSekun. Energ. biul. no. 10:13-16 O '56.

Effect of a superimposed continuous current on the bituminous coating of steel pipelines. E. A. Andreeva and others. Trudy VNIISTROINEFT' no. 8:52-80 '56.

Electric means of protection of main pipelines from subsurface corrosion. V. I. Glazkov, V. G. Kotik, P. V. Doroshenko. Trudy VNIISTROINEFT' no. 8:97-123 '56.

Protection of main pipelines from corrosion caused by currents from continuous current transmission lines. V. G. Kotik, V. I. Glazkov. Trudy VNIISTROINEFT' no. 8:124-139 '56.

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriatii neftianoi promyshlennosti. [Instructions for installation and use of protective apparatus for shielding underground pipelines from corrosion] Instruktsiia po ustroistvu ekspluatatsii protektornykh ustanovok dlia zashchity podzemnykh truboprovodov ot korrozii. Moskva, TSentral'nyi nauchno-issledovatel'skii institut tekhnicheskoi informatsii i ekon. neftianoi promyshl., 1956. 23 p.

ELECTROLYTIC POLISHING see Polishing, Electrolytic

ELECTROMAGNETISM

Anomalous variations of electromagnetic field over cylindrical heterogeneities. V. N. Nikitina. Trudy Geofiz. inst. no. 32:62-93 '56.

Short-period disturbances of an electromagnetic field of the earth. V. A. Troitskaia. Trudy Geofiz. inst. no. 32:26-61 '56.

ELECTROMECHANICAL ANALOGIES

Approximate solutions of partial differential equations by means of electric models. E. S. Kozlov, N. S. Nikolaev. Avtom. i telem. 17 no. 10:890-896 O '56.

Automatic device for the relative measurement of alternating voltage in active electrical networks. V. M. Shliandin. Izm. tekh. no. 4:55-58 Jl-Ag '56.

ELECTROMETALLURGY

(see also subdivision under Sverdlovsk)

Behavior of oxygen in an electric furnace bath in the process of metal smelting by oxygen blasting. Sbor. trud. TSNIICHM no. 13:354-367 '56.

ELECTRON DIFFRACTION

Radial distribution method used for the interpretation of diffraction patterns obtained from condensated amorphous solids. T. M. Sereda. Izv. AN SSSR. Ser. fiz. 20 no. 7:820-823 Jl '56.

ELECTRON DIFFRACTION EXAMINATION

Electron diffraction examination of oxide films formed on liquid aluminum and on its alloys. M. V. Mal'tsev, IU. D. Chistiakov, M. I. TSypin. Izv. AN SSSR. Ser. fiz. 20 no. 7:824-826 Jl '56.

Electron diffraction examination of the characteristics of passive films. V. P. Batrakov, I. A. Pendzovskaia. Izv. AN SSSR. Ser. fiz. 20 no. 7:830-833 Jl '56.

Mechanism of texture formation in layers condensated on a neutral backing. M. A. Rumsh, T. M. Zimkina. Izv. AN SSSR. Ser. fiz. 20 no. 7:827-829 Jl '56.

Sector method used in electron diffraction examination. G. O. Bagdyk'iants. Izv. AN SSSR. Ser. fiz. 20 no. 7: 838-842 Jl '56.

ELECTRON EMISSION

Additivity of photoemission and secondary electron emission in metals. L. I. Ekertova. Zhur. tekh. fiz. 26 no. 8:1665-1668 Ag '56.

Changes in the electron emission yield of metals following the adsorption of dipole molecules by the metal surface. I. M. Dykman. Ukr. fiz. zhur. 1 no. 1:81-87 '56.

Conference on cathode electronics. IU. H. Piushynskyi. Ukr. fiz. zhur. 1 no. 2:204-206 Ap-Je '56.

Effect of adsorbed films of barium atoms and barium oxide molecules on the electron emission by the metal. V. M. Havryliuk. Ukr. fiz. zhur. 1 no. 2:204-206 '56.

[Electron and ion emissions] Elektronnaia i ionnaia emissiia. Problemy sovremennoi fiziki 8 no. 9 '56. 220 p.

Energy distribution in the spectrum of an incoherent emission of electrons moving in a synchrotron. IU. M. Ado, P. A. Cherenkov. Dokl. AN SSSR 110 no. 1:35-37 S-O '56.

Field emission and field-emission cathodes. D. V. Zernov, M. I. Elinson. Radiotekh. i elektron. 1 no. 1:5-22 Ja '56.

Field emission of tantalum. M. I. Elinson, G. F. Vasil'ev. Zhur. tekh. fiz. 26 no. 8:1669-1670 Ag '56.

Influence of secondary electron emission of insulators on the stability of parameters of electron tubes. N. V. Chepepnin. Radiotekh. i elektron. 1 no. 1:38-50 Ja '56.

On the mechanism of discharges in hollow cathodes. V. A. Gromov. Opt. i spektr. 1 no. 3:334-337 Jl '56.

Physical phenomena occurring near the negative electrode in arc discharges in cesium vapors. N. D. Morkulis, P. M. Marchuk. Ukr. fiz. zhur. 1 no. 1:59-72 '56.

Secondary electron emission of copper, germanium and tin in the solid and liquid state. V. G. Bol'shov, V. K. Seleznev. Zhur. tekh. fiz. 26 no. 8:1657-1664 Ag '56.

ELECTRON MICROSCOPY

Electron diffraction examination using the EM-3 electron microscope. V. N. Verisner. Izv. AN SSSR. Ser. fiz. 20 no. 7:834-837 Jl '56.

Electron-microscope method of biological research. S. L. Pupko. Lab. delo 2 no. 5:3-8 S-O '56.

Electronic microscopy for acid-resistant bacteria. V. N. Kolmykova, A. S. Shubin. Lab. delo 2 no. 5: 8-10 S-O '56.

A simple device for shading preparations in electronic microscopy. A. N. Smirnov. Lab. delo 2 no. 5:11-14 S-O '56.

Using electron microscope for investigating aluminum-copper alloys subjected to aging and tempering processes at high temperatures. N. N. Butnov, O. D. Shashkov. Fiz. met. i metalloved. 3 no. 1:83-86 '56.

ELECTRON OPTICS

Calculating the resolving power of electron optical converters with homogeneous fields. B. E. Bonshtedt, T. G. Dmitrieva, I. I. TSukkerman. Zhur. tekh. fiz. 26 no. 9:1966-1968 S '56.

Electron-optical converters in the preparation and processing of photographic materials. P. F. Ipatov. Zhur. nauch. i prikl. fot. i kin. 1 no. 6:305-306 S-O '56.

ELECTRON-TUBE AMPLIFIERS see Amplifiers, Electron-tube

ELECTRON-TUBE OSCILLATORS see Oscillators, Electron-tube

ELECTRON-TUBE VOLTMETER

Effect of the shape of voltage curves on electron-tube voltmeter readings. B. E. Rabinovich. Izm. tekh. no. 4:43-48 Jl-Ag '56.

Effect of the shape of voltage curves on the indications of diode voltmeters with linear characteristics. M. A. Zemel'man. Izm. tekh. no. 4:49-54 Jl-Ag '56.

ELECTRON TUBES

Electron tubes. Radio no. 10:48a-b O '56.

Gvozdover, S. D. [Theory of ultra-high frequency electronic apparatus] Teoriia elektronnykh priborov sverkhvysokikh chastot. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 527 p.

Influence of secondary electron emission of insulators on the stability of parameters of electron tubes. N. V. Chepepnin. Radiotekh. i elektron. 1 no. 1:38-50 Ja '56.

Investigation of noises by means of electron-beam tubes. V. N. Ivanov. Vest. Mosk. un. 11 no. 6:47-56 Je '56.

Tubes for new radio receivers and televisions sets. A. Azat'ian. Radio no. 9:46-48 S '56.

Using X-ray analysis for investigating oxide-coated cathodes. A. P. Ostapchenko. Izv. AN SSSR. Ser. fiz. 20 no. 7:755-760 Jl '56.

ELECTRON TUBES—TESTING

Device for heating and testing gas rectifiers. Vest. sviazi 16 no. 9:28 S '56.

ELECTRONIC APPARATUS AND APPLIANCES

Using electronics in industry. N. Pokidov. Blok. agit. no. 33:25-33 N '56.

ELECTRONIC CALCULATING MACHINES
(see also subdivision under United States)

Computers in aviation. A. I. Moskvin. Vest. Vozd. Fl. 39 no. 6:92-94 Je '56.

Faster than thought. V. Pekelis. Vozhatyi 32 no. 10: 30-33 O '56.

Functions of "memory" and comparison in automatic machines. M. A. Gavrilov. Priroda 45 no. 10:30-39 O '56.

High-speed calculating machines and the automation of industrial processes. N. A. IAvlinskii. Elektrichestvo no. 9:7-14 S '56.

M-2 high-speed electronic calculating machine. I. S. Bruk. Elektrichestvo no. 9:14-23 S '56.

Machines that count and translate. S. Lebedev. Otv. na vop. trud. no. 72:45-50 '56.

New type of statistical and informational machines. L. I. Gutenmakher. Vest. AN SSSR 26 no. 10:12-21 O '56.

"Thinking" machines. A. Morozov. Rabotnitsa 34 no. 10:15-16 O '56.

"Ural" solves the problems. E. Serafimov. Ogonek 34 no. 47:25 N '56.

Using a fast-acting electronic calculating machine for geodetic computations. S. L. Khublarova. Geod. i kart. no. 7:21-26 S '56.

ELECTRONIC CONTROL

Using a pulse-width modulation element for investigating pulse control systems on electronic models. M. A. Shnaidman. Avtom. i telem. 17 no. 10:910-920 O '56.

ELECTRONIC INSTRUMENTS

Electronic tension regulator used in paperboard and sheet paper manufacture. A. P. Bagatiuk. Bum. prom. 31 no. 9:21-22 S '56.

IAkovlev, V. V. [Ultrashort wave measuring instruments] Ul'trakorotkovolnovye izmeritel'nye pribory. Moskva, Gos. energ. izd-vo, 1956. 30 p. (Massovaia radiobiblioteka, no. 251)

International congress on ultra high-frequency electronic instruments. Vest. AN SSSR 26 no. 9:75-76 S '56.

ELECTRONIC MEASUREMENTS

Automatic device for the relative measurement of alternating voltage in active electrical networks. V. M. Shliandin. Izm. tekh. no. 4:55-58 Jl-Ag '56.

Band selector filters for electronic measuring instruments. V. G. Zhelnov. Izm. tekh. no. 4:41-42 Jl-Ag '56.

Investigating the staggered deformations by the method of electric conductivity. V. N. Rozhanskii, IU. V. Goriunov, E. D. Shchukin. Fiz. met. i metalloved. 3 no. 1: 113-126 '56.

ELECTRONIC PULSE TECHNIQUES see Pulse techniques (Electronics)

ELECTRONICS

Electronics of today and tomorrow. I. S. Dzhigit. Nauka i zhizn' 23 no. 11:29-32 N '56.

Kaptsov, N. A. [Electronics] Elektronika. Izd. 2-oe, ispr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 459 p.

ELECTRONICS—CONGRESSES see subdivision under Rome

ELECTRONOGRAPHY

Electronographic determination of the structure of iron carbide $Fe_4C$. Z. G. Pinsker, S. V. Kaverin. Kristallografiia 1 no. 1:66-72 '56.

Electronographic method for determining clay minerals. B. B. Zviagin. Vop. min. osad. obr. 3/4:654-667 '56.

Electronography of Bi - Sb alloys and certain oxides of these elements. Z. G. Pinsker, O. S. Orekhvo, A. I. Miller. Kristallografiia 1 no. 2:239-240 '56.

Kinematic theory of electron reflection intensities. Part 2. Texture and polycrystal electronographs. B. K. Vainshtein. Kristallografiia 1 no. 2:150-158 '56.

Kinematic theory of electronogram reflection intensities. B. K. Vainshtein. Kristallografiia 1 no. 1:17-26 '56.

Vainshtein, B. K. [Structural electronography] Strukturnaia elektronografiia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 313 p.

ELECTRONS

Cascade showers produced by electrons and photons in light and heavy elements. I. P. Ivanenko. Zhur. eksp. i teor. fiz. 31 no. 1:86-104 Jl '56.

Coherent radiation of electrons in the synchrotron at centimeter wavelengths. A. M. Prokhorov. Radiotekh. i elektron. 1 no. 1:71-78 Ja '56.

Correlation between the changes in electric conductivity and the redistribution of the electron density in cadmium sulfide crystals. IU. N. Shuvalov. Zhur. tekh. fiz. 26 no. 9:1870-1879 S '56.

De Haas- Van Alphen's effect for strongly coupled electrons in lattices. G. E. Zil'berman. Fiz. met. i metalloved. 3 no. 1:18-21 '56.

Derivation of practical formulas for electron densities and structure amplitudes from symmetry and antisymmetry properties of trigonometric functions. M. A. Poral-Koshits. 1 no. 1:27-48 '56.

Determination of Green's functions for the Block-Nordstieck model by the functional integration method [with English summary in insert]. A. V. Svidzinskii. Zhur. eksp. i teor. fiz. 31 no. 2:324-329 Ag '56.

Determining the effective cross section of the capture and recombination of thermal electrons in the ZnS-Cu, Co phosphor. Siui Siui-iun. Opt. i spektr. 1 no. 2: 264-270 Je '56.

Discrete energy losses of electrons reflected from a $MoO_2$ surface. N. B. Gornyi. Zhur. eksp. i teor. fiz. 31 no. 1:132-134 Jl '56.

Effect of transverse magnetic fields on the heat conductivity of metals. Z. IA. Evseev. Zhur. eksp. i teor. fiz. 31 no. 2:331 Ag '56.

Electron-hole transition breakdown in germanium subjected to impact voltages. A. P. Shotov. Zhur. tekh. fiz. 26 no. 8:1634-1645 Ag '56.

Expansion of spectrum lines caused by electron collisions. I. I. Sobel'man. Opt. i spektr. 1 no. 5:617-626 S '56.

Formation of crystal lattice defects in germanium due to bombardment by fast electrons. V. S. Vavilov and others. Zhur. tekh. fiz. 26 no. 9:1865-1869 S '56.

Free path length of electrons in liquid and amorphous conductors. A. I. Gubanov. Zhur. tekh. fiz. 26 no. 8: 1651-1656 Ag '56.

Inapplicability of Fermi-Dirac distribution for electrons of semiconductor and crystal phosphor admixture centers. S. I. Pekar. Zhur. eksp. i teor. fiz. 31 no. 2:351-353 Ag '56.

New X-ray spectroscopic techniques for investigating the electron structure of solids [translations and surveys of foreign periodical literature] Problemy sovremennoi fiziki 8 no. 10 '56. 194 p.

Nonlinear theory of longitudinal plasma oscillations. R. V. Polovin. Zhur. eksp. i teor. fiz. 31 no. 2:364-365 Ag '56.

On the shape of electron trajectories in the magnetron under static conditions. B. IA. Moizhes. Zhur. tekh. fiz. 26 no. 8:1836-1840 Ag '56.

On the theory of collisions between electrons and atoms [with English summary in insert]. G. F. Drukarev. Zhur. eksp. i teor. fiz. 31 no. 2:288-301 Ag '56.

Probability of para-positronium annihilation accounting for the first radiation corrections. A. I. Alekseev. Zhur. eksp. i teor. fiz. 31 no. 1:164-166 Jl '56.

Relaxation between electrons and crystal lattices [with English summary in insert]. M. I. Kaganov, I. M. Lifshits, L. V. Tanatarov. Zhur. eksp. i teor. fiz. 31 no. 2:232 Ag '56.

Statistics of electrons and holes in a homopolar semiconductor considering interaction with lattice vibrations [with English summary in insert]. V. L. Bonch-Bruevich. Zhur. eksp. i teor. fiz. 31 no. 2:254-260 Ag '56.

Steady processes in the plane-parallel diode with external magnetic field. IU. V. Pimenov. Zhur. tekh. fiz. 26 no. 9:1955-1965 S '56.

Steady state of electrons in a non-periodic field. A. I. Rezanov. Fiz. met. i metalloved. 3 no. 1:11-14 '56.

Temperature-composition dependence of the lifetime of unbalanced charge carriers in germanium [with English summary in insert]. E. I. Adirovich, G. M. Guro, V. F. Kuleshov. Zhur. eksp. i teor. fiz. 31 no. 2:261-272 Ag '56.

Theory of galvanomagnetic phenomena in metals. Lifshits, M. IA. Azbel', M. I. Kaganov. Zhur. eksp. i teor. fiz. 31 no. 1:63-79 Jl '56.

Theory of the collective description of interaction of electrons in solids. V. P. Silin. Fiz. met. i metalloved. 3 no. 2:193-199 '56.

Theory of the photoelectric method for determining lifetimes of current carriers in semiconductors. Rashba, K. B. Tolpygo. Ukr. fiz. zhur. 1 no. 1:23 '56.

Total dipole forces of two-electron atoms calculated in an approximation for the incomplete division of variables. A. P. Jucys and others. Opt. i spektr. 1 no. 6:601-605 S '56.

ELECTRONS—CAPTURE

Electron capture and ionization in the interaction of single-charge positive ions and atoms of gases. N. V. Fedorenko, V. V. Afrosimov, D. M. Kaminker. Zhur. tekh. fiz. 26 no. 9:1920-1940 S '56.

ELECTRONS—SCATTERING

Integral equation method for calculating the elastic scattering of slow electrons in hydrogen. V. I. Ochkur, IU. V. Petrov. Zhur. eksp. i teor. fiz. 31 no. 1:145-151 Jl '56.

ELECTRONS—SPECTRA

Dispersion formulas used in the quantum optics of solids approaching strong coupling (case of monoclinic crystals). V. I. Cherepanov, T. G. Pervushina. Fiz. met. i metalloved. 3 no. 1:188-190 '56.

ELECTROPHORESIS

Electrophoresis of proteins of spinal nerves and nerve roots. N. M. Polinkova. Dokl. AN SSSR 109 no. 6: 1174-1176 Ag '56.

ELECTROPHYSIOLOGY

Electric-current sensitivity differences between male and female animals. Dokl. AN SSSR 109 no. 6: 1215-1217 Ag '56.

Site of the appearance of electrotonic potentials in spinal roots following stimulation of muscular innervation. P. G. Kostiuk. Fiziol. zhur. 42 no. 9:800-810 S '56.

ELECTROPLATING

Electroplating radiator tubes with lead-tin alloys. S. I. Voskoboinik. Vest. mash. 36 no. 10:59-60 O '56.

Experiments on electroplating of metals. T. G. Miasoedova. Khim. v shkole 11 no. 5:60-61 S-O '56.

Ginberg, A. M. [Electroplating] Gal'vanotekhnika. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 160 p.

Relationship between the compositions of the solution and precipitate in the electrodeposition of two component alloys. E. I. Akhumov, B. IA. Rozen. Dokl. AN SSSR 109 no. 6:1149-1151 Ag '56.

ELECTROSURGERY

Set of instruments for bipolar coagulation. V. S. Bul'b-Popkov, L. E. Dimenshtein, I. V. Golubeva. Vop. neirokhir. 20 no. 4:45-47 Jl-Ag '56.

ELECTROTHERAPY

Use of intralaryngeal d'arsonvalization in scleroma. O. V. Popova. Vest. oto-rin. 18 no. 5:58-59 S-O '56.

ELEMENTARY PARTICLES see Particles, Elementary

ELETS—LACE AND LACEMAKING

The Elets lace. I. Il'icheva. Ogonek 34 no. 44:4 O '56.

ELEVATORS

Install efficient elevator systems in apartment houses. I. Vishnevetskii. Zhil.-kom. khoz. 6 no. 5:8-9 '56.

EL'GYTKHYN, LAKE—DIATOMS

New diatoms from the sediment of Lake El'gytkhyn, Anadyr' District. T. V. Sechkina. Bot. mat. Otd. sporrast. 11 42-49 Ja '56.

ELK

A curious elk. P. IAkovlev. Okh. i okh. khoz. no. 10: 30 O '56.

ELM

Elm varieties as propagation source for some grass aphids. V. O. Mamontova. Trudy Inst. zool. AN URSR 13:32-34 56.

EMBOLISM

Thromboembolic complications in the pulmonary artery in myocardial infarct. G. A. Raevskaia. Sov. med. no. 9:16-22 S '56.

Thromboembolism of the heart and of the pulmonary following surgery of the spinal cord. I. N. Vinogradova, T. M. Vikhert, E. I. Kandel'. Vop. neirokhir. 20 no. 4:26-34 Jl-Ag '56.

EMBROIDERY see subdivision under Aleksandrovka (Ural'sk District)

EMBROIDERY (MACHINE)
Val'shchikov, N.M., and A.I.Sharapin. [Three-head automatic embroidering machine] Vyshival'nyi trekhgolovochnyi avtomat. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 69 p.

EMBRYOLOGY—BIRDS
Embryonic development of chicks in an indoor-type incubator ("Ukrgigant"). E. F. Lisitskii, G. S. Krok. Sbor. trud. Khar'. vet. inst. 20:20-36 '49.
Structure and functions of the liver in the chick embryo as related to its age. G. S. Krok. Sbor. trud. Khar'. vet. inst. 20:42-47 '49.
Study of the embryonic development of geese. G. S. Krok. Sbor. trud. Khar'. vet. inst. 20:37-41 '49.
Water metabolism in chick embryos. A. M. Shcheglov. Sbor. trud. Khar'. vet. inst. 20:48-55 '49.

EMBRYOLOGY—FISHES
Development of the retina in Misgurnus fossilis. N. V. Eramisheva. Dokl. AN SSSR 109 no. 6:1219-1221 Ag '56.
Hatching conditions of Acipenseridae embryos. G. M. Ignat'eva. Dokl. AN SSSR 109 no. 6:1222-1225 Ag '56.
Kryzhanovskii, S. G. [Materials on the development of clupeid fishes] Materialy po razvitiiu sel'devykh ryb. Moskva, Izd-vo Akademii nauk SSSR, 1956. 253 p. (Akademiia nauk SSSR. Institut morfologii zhivotnykh. Trudy, no. 17)

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMIGRATION AND IMMIGRATION
Beginning of a new life. L. Lerov, K. Cherevkov. Ogonek 34 no. 41:14-16 O '56.

EMOTIONS
Training the emotions. F. S. Levin-Shchirina. Doshk. vosp. 29 no. 10:4-14 O '56.

EMPHYSEMA
Spontaneous emphysema of the face. P. A. Vaganov. Vest. oto-rin. 18 no. 5:118 S-O '56.
Subcutaneous emphysema of the neck as a complication following tonsillectomy. N. V. Nechaeva. Vest. oto-rin. 18 no. 5:127-128 S-O '56.

EMPLOYEES, TRAINING OF
Selection and training of workers in the field of metrology and measuring techniques. M. F. Miklailov. Izm. tekh. no. 4:17-20 Jl-Ag '56.

EMPLOYEES' PARTICIPATION IN MANAGEMENT see subdivision under Ukraine

EMPLOYERS' LIABILITY
A liability suit is a means of eliminating accidents. A. Semenov. Sots. obesp. 17 no. 9:22-24 S '56.

EMPLOYMENT OF WOMEN see Women—Employment

EMS, SWITZERLAND—ALCOHOL
Hydrolytic plant in Ems (Schweizerische Bauzeitung nos. 20, 22, 24, 27 1955). Gidroliz. i lesokhim. prom. 9 no. 4:30-31 '56.

EMULSIONS
Nature of the aging of high concentration emulsions. L. IA. Kremnev, S. V. Nerpin, N. I. Kulbina. Dokl. AN SSSR 109 no. 6:1152-1155 Ag '56.
Therapeutic significance of emulsions with a high dispersion rate. E. A. Kon'kov. Khirurgiia. 32 no. 7:48-50 Jl '56.
Time dependence of the dielectric constant of emulsions [with English summary in insert]. E. M. Fradkina, S. F. Khmurin. Koll. zhur. 18 no. 5:604-606 S-O '56.

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAMELED WARE
Drying enameled ware by combustion gases. Suggestion by I. V. Zagriatskii, I. M. Frolov, S. M. Kiselev. Prom. energ. 11 no. 8:19-21 Ag '56.

ENCEPHALITIS
Acute seasonal serous meningitis (biundulant viral meningoencephalitis). E. M. Vizen. Klin. med. 34 no. 9:51-56 S '56.
Rheumatic encephalitis with a hyperkinetic syndrome in children. A. P. Kutsemilova. Zhur. nevr. i psikh. '56 no. 9:703-708 '56.

ENCEPHALITIS VIRUSES
Vitality and resistance of the dry virus of epidemic encephalitis of horses to some physical factors. P. IA. Shcherbatykh, B. V. Sidorenko. Veterinariia 33 no. 11: 39-42 N '56.

ENCEPHALOMYELITIS
Differential diagnosis of infectious encephalomyelitis and a neural form of nutritional. V. I. Rotov. Sbor. trud. Khar'. vet. inst. 20:118-122 '49.

ENCYCLOPEDIAS AND DICTIONARIES
[Great Soviet Encyclopedia] Bol'shaia sovetskaia entsiklopediia. Glav. red. B. A. Vvedenskii. Chleny glav. red. N. N. Anichkov i dr. Izd. 2-oe. [Moskva] Gos. nauchnoe izd-vo "Bol'shaia sovetskaia entsiklopediia." Vol. 44. Uzhi - fidel'. [1956] 661 p.

ENDARTERITIS
The prosthesis of patients with a history of endarteritis obliterans as a preventive measure against disease and as a means of increasing work capacity. N. Chernina. Sots. obesp. 17 no. 9:39-41 S '56.

ENDOCARDITIS
Clinical aspects of endocarditis of the aortal valves in rheumatic fever in children. A. L. Rabinovich. Vop. okh. mat. i det. 1 no. 5:20-24 S-O '56.
Endocarditis. T. F. Tregubenkova. Med. sestra 15 no. 9:8-12 S '56.
Relationship between endocarditis lenta and rheumatic disease. A. A. Laptev. Terap. arkh. 28 no. 6:84-92 '56.

ENDOCRINOLOGY
Methodology of studying the physiology and pathology of the endocrine glands. E. N. Speranskaia. Fiziol. zhur. 42 no. 5:418-424 My '56.

ENDOSCOPE
Modified endoscope with a spatula for extrapleural pneumonolysis. IU. G. Tarapon. Probl. tub. 34 no. 3: 69 My-Je '56.

ENGELS, FRIEDRICH, 1820-1895
A book about the life of a great teacher of the working class ("Friedrich Engels," E. A. Stepanova. Reviewed by K. Selezney). Kommunist 33 no. 14:109-117 S '56.

ENGINEERING—EXHIBITIONS see subdivision under Moscow

ENGINEERING, ELECTRICAL see Electric engineering

ENGINEERING, HYDRAULIC see Hydraulic engineering

ENGINEERING, MARINE see Marine engineering

ENGINEERING, MINING see Mining engineering

ENGINEERING, WATER-SUPPLY see Water-supply engineering

ENGINEERING GEOLOGY
Relation of compression characteristics to stratification tendency in related soils. I. S. Bashindzhagian. Izv. AN Azerb. SSR no. 6:83-93 Ag '56.

ENGINEERING INSTRUMENTS
Improving the KZF instrument. S. M. Bereslavskii. Izm. tekh. no. 4:71-72 Jl-Ag '56.

ENGINEERING LABORATORIES
Checking the state of measuring equipment and the maintenance of standards and technical conditions in industrial plants. F. F. Sivokon'. Izm. tekh. no. 4:62-65 Jl-Ag '56.
Cooperation with the industry. M. Karasev. Vest. Mosk. un. 11 no. 6:164 Je '56.
Tasks of the standardization laboratory. A. A. Kokhtev. Standartizatsiia no. 4:33-35 Jl-Ag '56.

ENGINEERING STANDARDS see Standards, Engineering

ENGLAND—PHOTOGRAPHY
Organizational chart of the scientific research departments of the Kodak and Ilford companies. IU. Sh. Moshkovskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 5: 301-304 S-O '56.

ENGLAND—STRIKES AND LOCKOUTS—SHIPBUILDERS
Strike in English dockyards. A. Uglov. Biok. agit. vod. transp. no. 19:37-38 O '56.

ENGLISH LANGUAGE—ADVERB
Consultation. Inostr. iaz. v shkole no. 5:114-121 S-O '56.

ENGLISH LANGUAGE—DICTIONARIES—GEORGIAN
Gvarjaladze, Thamar, and Isidore Gvarjaladze. English-Georgian dictionary, 2nd ed. (8000 words). Tbilisi, State Publ. House, 1955. 450 p.

ENGLISH LANGUAGE—GRAMMAR
New English language textbook for class six. I. A. Nelidova. Inostr. iaz. v shkole no. 5:50-66 S-O '56.

ENGLISH LANGUAGE—HOMONYMS
Some aspects of grammatical homonymy in modern English. M. M. Galinskaia. Inostr. iaz. v shkole no. 5: 38-49 S-O '56.

ENGLISH LANGUAGE—STUDY AND TEACHING see subdivision under Moscow

ENGLISH LITERATURE—HISTORY AND CRITICISM
A useful book ("History of English literature." A. A. Anikst. Reviewed by N. D'iakonova). Neva no. 9:195-196 S '56.

ENSEMBLES (MUSIC) see subdivision under Karelia

ENSILAGE
Attachment to semimounted reapers used in harvesting corn tops for ensilage. V. Shalygin, P. Abramov. Kukuruza 1 no. 5:53 Ag '56.
Diagram and design of the KSK-2, 6 corn silage harvester. N. E. Reznik. Sel'khozmashina no. 9:3-6 S '56.
Ensilage as a means of controlling corn smut. Kukuruza 1 no. 4:59 Jl '56.
Ensiling potatoes for cattle feed. S. K. Zverzhanskii. Kartofel' no. 4:19-20 S-O '56.
Experiment on the use of maximal rations of corn silage in fattening cattle. V. I. Nekrasova. Zhivotnovodstvo 18 no. 10:74 O '56.
Mechanized removing of silage from trenches and pits. A. Kovalenko, I. Karevin. Tekhsov. MTS 17 no. 18: 1-14 S '56.

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGY—DICTIONARIES
"Dictionary handbook for entomologists." Reviewed by D. P. Dovnar-Zapol'skii. Zashch. rast. ot vred. i bol. 1 no. 4:62 S-O '56.

ENVIRONMENT see Acclimatization; Man—Influence of environment

ENZYMES
Enzymatic transformations of carbohydrates in different parts of potato tubers. T. T. Bolotina, A. N. Petrova. Dokl. AN SSSR 109 no. 6:1171-1173 Ag '56.

EOSINOPHILES
Eosinopenic reaction as an index of the reactivity of the organism in a state of inhibition of the central nervous system. K. B. Korge. Probl. endok. i gorm. 2 no. 4: 110-117 Jl-Ag '56.

EPHEDRA
Anatomy of wood of the genus Ephedra in the Soviet Union. L. A. Shavrov. Bot. zhur. 41 no. 9:1324-1331 S '56.

EPHEMERIDAE see May flies

EPIDEMIOLOGY
Discussion of certain problems in the theory of epidemiology, conducted at the Academy of Medical Sciences of the U. S. S. R. V. I. Agafonov. Zhur. mikrobiol. epid. i immun. 27 no. 10:105-113 O '56.

EPIGRAPHY see Inscriptions

EPILEPSY
Conditioned reflex induction of an epileptoid state in dog. Kh. T. Ars'kyi, L. P. Reznichenko. Fiziol. zhur. [Ukr.] 1 no. 4:15-19 Jl-Ag '55.
Course of camphor epilepsy in hypothermia. Report no. I: Characteristics of inhibition of the central nervous system in hypothermia. R. B. TSynkalovskii, IA. I. Azhipa. Biul. eksp. biol. i med. 42 no. 8:35-38 Ag '56.
Effect of certain kinds of external stimuli on the course of experimental epilepsy. V. Z. Grigorian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:23-32 S '56.
Electroencephalographic data in the analysis of epilepsy in works by Penfield and Jasper. L. G. Makarova. Zhur. nevr. i psikh. 56 no. 8:675-679 '56.
Epileptiform conditions in rheumatic fever. T. P. Simson Zhur. nevr. i psikh. 56 no. 9:691-697 '56.

EQUATIONS
Gel'fond, A.O. [Solution of equations composed of integers] Reshenie uravnenii v tselykh chislakh. Moskva, Gos. izd-vo tekhn.-teoret. lit-ry, 1952. 61 p. (Populiarnye lektsii po matematike, no. 8)

EVAPORATION
Evaporation capacity of a surface with a vegetation cover. A. I. Budagovskii, S. S. Savina. Meteor. i gidrol. no. 8: 20-23 Ag '56.
Evaporation on uplands of Issyk-Kul' Province. Z. A. Riazantseva. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:61-67 '56.
Main regularities of evaporation in the steppe zone. A. I. Budagovskii. Izv. AN SSSR. Ser. geog. no. 3:23-32 My-Je '56.

EVENI see Lamuts

EVENING AND CONTINUATION SCHOOLS
(see also subdivision under Ukraine)
Possibilities for improving technical education in correspondence and evening schools. D. V. Aleksandrov and others. Vest. vys. shkoly 14 no. 10:24-27 O '56.

EVOLUTION
Davitashvili, L. Sh. [Historical outline of the theories of evolutionary progress] Ocherki po istorii uchenita ob evolutsionnom progresse. Moskva, Izd-vo Akademii nauk SSSR, 1956. 226 p.

EXCAVATING MACHINERY
Classification of metal alloys for excavators and trenchers. D. V. Litvak. Trudy MGRI 30:40-49 '56.
Device for cleaning excavator buckets. V. I. Agadzhanov, E. M. Denisov. Avt. dor. 19 no. 9:27 S '56.
Experimental investigation of dynamic loading on the dragline boom of the E-505 excavator. S. A. Pankratov. Stroi. i dor. mashinostr. 1 no. 10:3-5 O '56.
Some elements of the simple ESh-14/75 dragline mining system without transportation. G. M. Baskov. Ugol' 31 no. 10:30-33 O '56.

EXCAVATION
Planning embankments for drainage collector systems and the angle of slope in loose type soils. I. K. Poletaev. Dokl. AN Tadzh. SSR no. 16:15-26 '56.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Gavrilovka (Novo-Vorontsovka District); Mongolia; Novgorod; Olbia; Tetri-TSkaro region

EXCHANGES, LITERARY AND SCIENTIFIC
Our international book exchange program. A. Vorozhtsov, P. Chirakhov. Bibliotekar' no. 10:36-38 O '56.

EXCRETION
Stabilizer for fibrinous exudates. N. G. Alekseev. Lab. delo 2 no. 5:29 S-O '56.

EXERCISE
Active recreation. I. Trakhtenberg. Nauka i zhizn' 23 no. 10:23-24 O '56.

EXERCISE THERAPY
Corrective callisthenics for younger pupils. A. M. Fel'dt and others. Izv. Akad. ped. nauk RSFSR no. 83: 21-48 '56.
Exercise therapy in cardiovascular diseases (work with patients). L. D. Koreva. Med. sestra 15 no. 9:24-25 S '56.

EXHIBITIONS, BIBLIOGRAPHICAL see subdivision 'Bibliographical exhibitions' under Cholyabinsk Province; Leningrad

EXOPHTHALMUS
Pathogenesis of exophthalmus and its diagnostic significance. D. I. Fridberg. Probl. endok. i gorm. 2 no. 4: 3-17 Jl-Ag '56.

EXOSTOSIS
Multiple cartilaginous exostosis. Kh. D. Rakhmanov, N. F. Dokuchaeva. Vest. khir. 77 no. 9:120-122 S '56.

EXPANSION (HEAT)
Effect of high pressure on the thermal properties of solids. K. P. Rodionov. Fiz. met. i metalloved. 3 no. 1:26-30 '56.

EXPLOSIONS
Experimental investigation of gas detonation in spheres. IA. B. Zel'dovich, S. M. Kogarko, N. N. Simonov. Zhur. tekh. fiz. 26 no. 8:1744-1768 Ag '56.
Reply to P. I. Bel'kevich on his "Critical Remarks." M. M. Pavliuchenko. Zhur. fiz. khim. 30 no. 7:1678 Jl '56.

EXTRACTION APPARATUS
Decreasing collagenic blubber mass in the impulse apparatus. V. V. Kolchev, N. E. Nikolaeva. Ryb. khoz. 32 no. 9:75-76 S '56.

EYE
Ophthalmotonometry and its clinical significance in diseases of the nervous system. M. A. Khazanov, S. P. Everaman. Zhur. nevr. i psikh. 56 no. 8:859 '56.

EYE—DISEASES AND DEFECTS
Pletneva, N. A. [Diseases of the eye] Glaznye bolezni. Izd. 2-oe. Moskva, Medgiz, 1956. 379 p. (DAFM)
Prophylaxis and treatment of animals with a calcium hypochlorite solution in infectious and parasitic keratoconjunctivitis. A. Shishkin. Veterinariia 33 no. 11: 42-43 N '56.

EYE—SURGERY
Rumlantseva, A. F. [Surgery of the eye] Glaznaia khirurgiia. Kiev, Gos. med. izd-vo USSR, 1956. 388 p. (DAFM)

FAÇADES
(see also subdivision under Kiev)
Weatherproofness of ceramic facings. O. V. Cherepova, N. A. Sakharova, E. M. Golik. Nov. v stroi. tekh. no. 8: 91-124 '56.

FACE—WOUNDS AND INJURIES
Mikhel'son, N. M. [Injuries to the face and jaws and their treatment] Povrezhdeniia litsa i cheliustei i ikh lechenie. Moskva, Gos. izd-vo med. lit-ry, 1956. 86 p. (Biblioteka prakticheskogo vracha) (DAFM)
Spontaneous emphysema of the face. P. A. Vaganov. Vest. oto-rin. 18 no. 5:118 S-O '56.

FACTORIES
Installation of large blocks and assemblies in the construction of industrial plants. I. L. Gerzhberg. Prom. energ. 11 no. 9:26-30 S '56.

FACTORIES—AIR CONDITIONING
New air conditioning units. A. A. Malykh. Ozdor. usl. trud. na zav. no. 6:5-16 '56.

FACTORIES—LIGHTING
Mirror reflecting surfaces for illuminating metal-inspection working areas. V. V. Deriabin. Ozdor. usl. trud. na zav. no. 6:58-62 '56.

FACTORY AND TRADE WASTE
Effective method for combating pollution of water basins having significance in the national economy. IA. S. Basharat'ian. Neftianik 1 no. 10:12-13 O '56.

FACTORY SANITATION
Organizing relaxation facilities. Ozdor. usl. trud. na zav. no. 6:34-43 '56.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956
A. Fadeev's "The last of the Udege" as a revolutionary epic. I. Kuz'michev. Dal'. vost. 24 no. 4:164-170 Jl-Ag '56.

FAIRS see subdivision under Milan; Hungary; Tali County, China

FALCONRY see subdivision under Hungary

FALL see Autumn

FALLOWING
Stebut, I. A. [Selected work; in two volumes] Izbrannye sochineniia; v dvukh tomakh. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 1. [Principles of field crop cultivation] Osnovy polevoi kul'tury. 1956. 791 p.

FAMILY
In a large family. A. Romanova. Neva no. 9:8-9 S '56.
"Marriage and family in the U. S. S. R." by A. I. Asadov. Reviewed by K. I. Mannev. Uch. zap. AGU no. 4:107-109 '56.

FANGSHAN COUNTY—AGRICULTURE, COOPERATIVE
Hello, my native village. Kitai no. 9:28-31 Ag '56.

FANS, MECHANICAL
Fans of the type TSAGI K-06, MGI series for the main ventilation of mines. A. R. Bushel', I. M. Zhumakhov, A. F. Bezrukov. Ugol' 31 no. 9:29-33 S '56.

FANS, MECHANICAL—STANDARDS
Basic characteristics specified in the All-Union State Standard 5308-50 for ventilating and exhaust fans replacing TSAGI fans Nos. 8, 9, 12, and 14 produced by plants of the Ministry of Heavy Machine Manufacturing for use with industrial boilers. Prom. energ. 11 no. 8: 40 Ag '56.

FAR EAST—BIOLOGICAL RESEARCH
Aims of biological research in the Far East; out-of-town session of the Department of Biological Sciences in Vladivostok. P. A. Genkel', I. F. Belikov. Vest. AN SSSR 26 no. 10:106-109 O '56.

FARKHAD RESERVOIR—FISHERIES
Farkhad Reservoir as a fishery. V. A. Makaunov, V. E. Ozhegova. Trudy AN Tadzh. SSR 36:173-180 '55.

FARM ANIMALS see Domestic animals

FARM BUILDINGS
(see also subdivision under Great Britain; Krasnodar Territory)
Erecting farm buildings using monolithic slag concrete. E. Solov'ev. Sel'. stroi. 11 no. 9:25-27 S '56.
Factory aid for the collective farm. N. V. Kliuev. Sel'. stroi. 11 no. 9:16 S '56.
In the Ministry of Municipal and Rural Construction of the R. S. F. S. R. Sel'. stroi. 11 no. 9; 2 of cover S '56.
Our practice in building. V. Kapustian. Sel'. stroi. 11 no. 9:13-14 S '56

FARM CROPS see Field crops

FARM EQUIPMENT
[Machines for mechanization of work in raising livestock] Mashiny dlia mekhanizatsii rabot v zhivotnovodstve. Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1956. 31 p.
Pototskii, M. G. [Over-all mechanization of livestock farms] Kompleksnaia mekhanizatsiia zhivotnovodcheskikh ferm. Frunze, Kirgizskoe gos. izd-vo, 1955. 51 p. (DA)

FARM IMPLEMENTS see Agricultural implements

FARM LABORERS see Agricultural laborers

FARM LIFE see subdivision under Kandybino

FARM MACHINERY see Agricultural machinery

FARM MECHANIZATION
Make full use of the advantages of over-all mechanization for lowering production outlays on collective farms. V. Kotikova. Khlopkovodstvo 6 no. 9:15-19 S '56.
Useful bulletin of scientific and technical information. Zhivotnovodstvo 18 no. 10:87 O '56.

FARM MECHANIZATION—STUDY AND TEACHING
(see also subdivision under Chkalov Province; Mirgorod)
Conducting practical projects in a general technical course. A. L. Marshak, L. N. Nartsov. Vest. vys. shkoly 14 no. 10:39-40 O '56.
Industrial practice at machine-tractor stations. S. Il'in. Prof.-tekh. obr. 13 no. 10:4-6 O '56.
Large plots of land for schools of mechanization. A. Smagin. Prof.-tekh. obr. 13 no. 10:3 O '56.
Using the new programs. A. Vaninskaia, N. Kalistratov. Prof.-tekh. obr. 13 no. 10:7-8 O '56.
Way to master an occupation. M. Kucherenko. Prof.-tekh. obr. 13 no. 10:25-26 O '56.

FARM PRODUCE—MARKETING
Price levels at collective farm markets in cities. L. Mazel'. Sov. torg. no. 9:11-17 S '56.

FARMHOUSES
Ruzin, B. V. [Technical and economic evaluation of rural dwellings] Tekhniko-ekonomicheskaia otsenka proektov sel'skikh zhilykh domov. Izd. 2-e. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 57 p.

FARMING see Agriculture

FARMING, DRY see Dry farming

FASHION
Fashions for the stout. A. Blank. Rabotnitsa 34 no. 11:32 N '56.
Styles. Krest'ianka 35 no. 11:31 N '56.

FASTENINGS
(see also subdivision under Tallinn)
Construction-work guns. P. A. Bogoslovskii. Mekh. stroi. 13 no. 9:17-18 S '56.

FATS see Oils and fats

FAULTS (GEOLOGY)
Classification and methods of studying tectonic faults. I. I. Chebanenko. Geol. zhur. 16 no. 3:89-93 '56.

FED'KOVYCH, IURII, 1834-1888
Educational work of IUrii Fed'kovych. A. P. Korzhupova. Rad. shk. 35 no. 10:40-45 O '56.

FEDOROV, EVGRAF STEPANOVICH, 1853-1919
E. S. Fedorov's work on the geology of ore deposits. V. I. Smirnov. Och. po ist. geol. znan. no. 5:239-247 '56.

FEDOROV, P.
Clearer and more interesting! ("In our town," P. Fedorov. Reviewed by IU. Koginov). Na rub. 17 no. 5:180-182 S-O '56.

FEDOROV, VASILII
In the main direction ("Volunteers," Vasilii Fedorov. Reviewed by A. Smol'nikov). Mol. kolkh. 23 no. 9:28 S '56.

FEED GRINDERS
P-2 chaff grinder. M. Shchetnev. Konevodstvo 26 no. 10:28 O '56.

FEED WATER
Volumetric determination of sulfates. O. S. Vargina, L. S. Foshko. Elek. sta. 27 no. 9:54-55 S '56.
Water conditions in high-pressure boilers. A. A. Kot Energetik 4 no. 10:31-32 O '56.

FEED-WATER HEATERS

Investigation of single-stage diagrams of regenerative feed-water preheating in marine steam-turbine plants. A. G. Kurzon. Trudy VNITOSS 6 no. 1:136-167 '53.

FEED-WATER PURIFICATION

Ammonia treatment of feed water in high-pressure generating plants. P. A. Akol'zin, Z. I. Zaitseva. Elek. sta. 27 no. 9:14-17 S '56.

Automatic control for deaerators. IU. G. Kornikov, V. M. Tolstov. Avtomatyka no. 3:85-90 '56.

Equipment for the chemical purification and deoxygenation of water developed by the Ministry of Heavy Machinery Manufacturing for low-capacity boilers. Prom. energ. 11 no. 10:3 of cover O '56.

Investigation and improvement of existing water softeners used by the railroads. L. F. Komingin, E. E. Drakhlin, M. S. Pavlov. Sbor. LIIZHT no. 150: 120-146 '56.

Purification of water for units operating at high steam pressures and temperatures. IU. M. Kostrikin. Energetik 4 no. 10:1-3 O '56.

FEED-WATER REGULATION

"Teplokontrol" hydraulic boiler feed regulators. B. D. Kosharskii. Elek. sta. 27 no. 9:4-7 S '56.

Use of steam piston pumps for automatic feed regulation and continuous blowdown of small boilers. F. P. IAnutsevich. Energetik 4 no. 10:16-17 O '56.

FEEDING AND FEEDING STUFFS

AKK-1, 2 unit for preparing mixed feed. A. Korsakov. Tekhsov. MTS 17 no. 17:1-4 S '56.

High weight gains. L. Gershman. Mias. ind. SSSR 27 no. 5:39 '56.

[Innovations in feeding farm animals; a collection of translations from foreign periodical literature] Novoe v kormlenii sel'skokhoziaistvennykh zhivotnykh; sbornik perevodov iz inostrannoi periodicheskoi literatury. Otv. red. M. F. Tomme. Moskva, Izd-vo inostrannoi lit-ry.
Vol. I. 1956. 375 p.
(DA)

Mineral and vitamin nutrition is an important factor in the control of sterility in cows. P. T. Lebedev. Veterinariia 33 no. 11:67-70 N '56.

Mineral feed from eggshells. F. Pankova and others. Mias. ind. SSSR 27 no. 5:36-37 '56.

Problem of utilizing the rich fish wastes in the Maritime Territory. M. I. Drozdov. Zhivotnovodstvo 18 no. 10: 24-29 O '56.

Studying the chemical composition and nutritive value of corn in Siberia. L. G. Masharova. Zhivotnovodstvo 18 no. 10:49-53 O '56.

FEELINGS see Emotions

FEIGIN, EMMANUIL

What does happiness consist of ("Mzeona." E. Feigin. Book review). Druzh. nar. no. 10:187-188 O '56.

FELDSPAR

New method of studying clastic feldspars in terrigenous rocks. V. D. Shutov. Vop. min. osad. obr. 3/4:647-653 '56.

Triad theory of twinning, triad method of analyzing plagioclase twinning, and complex twinning of plagioclase. L. A. Vardaniants. Zap. Vses. min. ob-va 85 no. 3:452-454 '56.

FELITSIANT, BORIS

Concert of Vieuxtemp's works. Sov. muz. 20 no. 8: 113 S '56.

FERGANA—GEOLOGY, STRATIGRAPHIC

Some data on the Paleozoic diagonal flat arch of Fergana. O. A. Ryzhkov, A. Kh. Khalmatov. Izv. AN SSSR. Ser. geol. 21 no. 9:108-110 S '56.

FERGANA—HISTORY

Toktogul's connection with the Andizhan uprising. A. Chukubaev. Kirgizstan 17 no. 1:56-64 Ja-F '56.

FERGANA—SERICULTURE

Sericulture in the Fergana Valley. N. R. Khafizov. Trudy AN Tadzh. SSR 36:157-172 '55.

FERGANA—SOIL FERTILITY

Soils and methods for increasing their fertility in the Fergana Valley. M. A. Pankov. Trudy AN Tadzh. SSR 36:35-47 '55.

FERNS

Propagation of Angiopteris evecta Hoffm. by spores in greenhouses. E. S. Paramonova. Biul. Glav. bot. sada no. 24:101-102 '56.

FERNS—DISEASES AND PESTS

Use of NIUIF-100 in controlling the chrysanthemum nematode. G. P. Olisevich. Biul. Glav. bot. sada no. 24:81-89 '56.

FERRATES

Ferrites. V. I. Evseev. Elektrichestvo no. 9:23-32 S '56.

FERRITE (STEEL CONSTITUENT)

Application of ferrites in radioastronomy technique. N. V. Karlov, A. E. Salomonovich. Radiotekh. i elektron. 1 no. 1:120-121 Ja '56.

Hardness and microhardness of ferritic cast iron. K. I. Vashchenko, R. P. Todorov, P. A. Varenik. Lit. proizv. no. 4:18-23 O '56.

FERRITE (STEEL CONSTITUENT)—MAGNETIC PROPERTIES

Calculating the magnetization of ferrites in relation to temperature and magnetic field. S. V. Tiablikov. Fiz. met. i metalloved. 3 no. 1:3-10 '56.

FERROCYANIDES

Ferrocyanide electrolytes for gold plating. V. L. Kheifets, E. I. Antonovskaia. Zhur. prikl. khim. 29 no. 4:595-600 Ap '56.

FERROELECTRIC SUBSTANCES

Behavior of ferroelectric substances in strong electric fields. V. A. Bokov. Zhur. tekh. fiz. 26 no. 9:1906-1911 S '56.

Causes of the formation of Curie zones in some ferroelectric solid solutions. V. A. Isupov. Zhur. tekh. fiz. 26 no. 9:1912-1916 S '56.

Development of research in seignettoelectricity; all-Union conference in Leningrad, S. V. Bogdanov. Vest. AN SSSR 26 no. 10:103-106 O '56.

Thermodynamical theory of the ferroelectric properties of barium titanate [with English summary in insert]. L. P. Kholodenko. Zhur. eksp. i teor. fiz. 31 no. 2:244-253 Ag '56.

FERROMAGNETISM

Antiferromagnetism of anhydrous sulfates of $Ni^{++}$, $Fe^{++}$, $Co^{++}$, $Cu^{++}$. A. S. Borovik-Romanov, V. R. Karnaik, N. M. Kreines. Zhur. eksp. i teor. fiz. 31 no. 1:18-24 Jl '56.

Atomic magnetic moments of ferromagnetic metals and alloys. F. M. Gal'perin. Zhur. eksp. i teor. fiz. 31 no. 1:150-[illegible] '56.

[illegible]ignetic states of magnetically soft [illegible]ted to action of varying magnetic [illegible]tseva, IA. S. Shur. Fiz. met. i metallo-[illegible]91 '56.

[illegible]rsal noises in ferromagnetic [illegible]nkin. Zhur. tekh. fiz. 26 no. 8:

[illegible]cal theory of magnetooptical [illegible]gnetic substances. A. V. Sokolov. [illegible] 3 no. 2:208-215 '56.

[illegible]s with vibrations of lattices, [illegible]t. i metalloved. 3 no. 1:180-182

[illegible]retical analysis of ferroresonance [illegible]equal to one-third of the frequency A. N. Vakhrameev. Zhur. tekh. [illegible] '56.

[illegible]conductors [with English summary [illegible]burg. Zhur. eksp. i teor. fiz. 31

[illegible]es of magnetic reversal in ferro-[illegible]F. V. Bunkin. Zhur. tekh. fiz. 26 [illegible]6.

[illegible] in ferromagnetic materials. [illegible]emushkina. Zhur. eksp. i teor. [illegible]1 '56.

[illegible]h ferrocores (or investigating [illegible]s of small specimens made of [illegible]s. V. I. Drozhzhina, L. A. Frid-[illegible]loved. 3 no. 2:383-384 '56.

Vibration spectra of ferromagnetic [illegible] Turov, IU. P. Irkhin. Fiz. [illegible] 15-17 '56.

FERSMAN, ALEKSANDR EVGENI[illegible]

Session on the occasion of the [illegible] death of Academician A. E. Fersman. Geokhimiia no. 4:76 '56.

FERTILIZATION (BIOLOGY)

Effect of X rays on the early [illegible] V. I. Kheisina. Dokl. AN [illegible]

Third International Congress on the [illegible] Animals. G. Parshutin. Konevodstvo N '56.

FERTILIZATION OF PLANTS

Effect of mentor plant pollen in [illegible] corn. A. E. Kovarskii. Sel. i [illegible]

Effect of various methods of [illegible] pollination on alfalfa seed yields. [illegible] Inst. bot. AN Kazakh. SSR [illegible]

Pollination of red clover by [illegible] A. S. S. R. L. M. Kupchikova. [illegible] SSSR no. 2:83-90 '54.

Problems of plant pollination; [illegible] works. Reviewed by V. F. Sharonov. [illegible] no. 9:1300-1304 S '56.

Somatic fertilization. N. E. Zaitsev. [illegible] 13 no. 3:92-99 '56.

Using bees for obtaining hybrid [illegible] Khalifman. Agrobiologiia [illegible]

FERTILIZER SPREADERS
(see also subdivision under Wheeled)

Drill attachment for placing [illegible] G. M. Buzenko. Ud. i ur. [illegible]

Problem of selecting the design [illegible] phosphate distributors. N. G. [illegible] mashina no. 9:17-18 S '56.

FERTILIZERS AND MANURES
(see also subdivision under Latvia, [illegible])

Advice for young naturalists. [illegible]

Akademiia nauk SSSR. Otdelenie [illegible] nauk. [Problems in the geology of [illegible] Voprosy geologii agronomicheskikh [illegible] 239 p.

Applying fertilizers to hops. A. [illegible] 1 no. 10:44-45 O '56.

Characteristics of gladiolus nutrition. [illegible] Biul. Glav. bot. sada no. 24:64-70 '56.

Comparative study of the effectiveness of [illegible] top-dressing on winter crops. V. F. [illegible] 1 no. 9:15-19 S '56.

Effect of azotobacterin on the grain [illegible] V. V. Pinevich. Agrobiologiia [illegible]

Effect of fertilizers on the activity of [illegible] Panosian, R. M. Akhinian, A. Da. Mkrtchian. [illegible] Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:13-22 [illegible]

Effect of fertilizers on the development of [illegible] in wheat and tomato hybrids. N. A. Kirpichenko. [illegible] ta pov. L'viv. un. no. 3, pt. 2:10-12 '56.

Effect of mineral fertilizers on the yields of [illegible] V. V. Malychenko. Ud. i ur. [illegible]

Effect of nitrogen and phosphate [illegible] and yield of cotton. N. A. Tokarev. [illegible] Trudy SAGU no. 53:127-140 '54.

Effect of peat and other fertilizers on [illegible] seed-potato yields. N. S. Datsenko. [illegible] no. 9:20-23 S '56.

Effectiveness of calcium silicophosphates, [illegible] of phosphorus fertilizer. I. I. Barmilov. [illegible] sel'khoz. 21 no. 10:3-8 '56.

Effectiveness of fertilizers in the non-Chernozem [illegible] gion. V. V. Gritsenko. Ud. i ur. [illegible]

Effectiveness of foliar feeding in Kursk Province. [illegible] Ligum. Sakh. svekl. no. 6:36-39 Ag '56.

"Fertilizers and their use," P. A. Dmitrenko, A. M. Vyshinskii, I. L. Kolosha. Reviewed by [illegible] Pochvovedenie no. 7:124-125 Jl '56.

Foliar feeding of sugar beets in Kharkov Province. [illegible] Pilipets. Sakh. svekl. no. 6:33-35 Ag '56.

Foliar nutrition with trace elements. [illegible] Priroda 45 no. 10:85-88 O '56.

How the "Avangard" collective farm increased [illegible] yields of fiber flax. I. I. Razumovskii. [illegible] no. 9:51-52 S '56.

How to apply fertilizers when planting [illegible] yards. L. M. Semenov. Ud. i ur. [illegible]

"Hygienic use of refuse in agriculture in [illegible] areas." G. V. Eremeev. Reviewed by V. A. [illegible] Gig. i san. 21 no. 10:61 O '56.

Living fertilizers. L. Budakova. [illegible] Ja '56.

Method for feeding tomatoes under irrigation. [illegible] kova. Ref. nauch. rab. VNIIKOP [illegible]

The monograph "Fertilizers and their [illegible] P. A. Dmitrenko, A. M. Vyshinskii, I. L. [illegible] viewed by E. I. Shkonda. Ud. i ur. [illegible]

FERTILIZERS AND MANURES (Continued)
Organomineral fertilizer compounds. P. A. Vlasiuk. Visnyk AN URSR 27 no. 9:21-27 S '56.
Organomineral fertilizer mixtures for flax. I. M. Ognev. Len i konop. no. 8:17-19 O '56.
Results of scientific research in the application of bacterial fertilizer during 1951. L. S. Litvinov. Dop. ta pov. L'viv. un. no. 3, pt. 2:14-15 '52.
Technical policy in the production of mineral fertilizers. Khlopkovodstvo 6 no. 10:61-62 O '56.
Use of bacterial fertilizers for sugar beets. I. A. Geller. Agrobiologiia no. 5:83-91 S-O '56.
Using organomineral fertilizer mixtures on collective farms. M. A. Korovkin. Ud. i ur. 1 no. 10:48-50 O '56.
Valuable pamphlet on applying fertilizer to flax ("Fertilizer, an important factor in increasing fiber flax yields." A. S. Vinogradov. Reviewed by F. Mikhailov). Len i konop. no. 8:47-48 O '56.

FERTILIZERS AND MANURES—BIBLIOGRAPHY see Bibliography—Fertilizers and manures

FESTIVALS see subdivision under Baku

FETUS—DISEASES
Prevention and control of asphyxia and intracranial hemorrhage in fetuses and in newborns. I. A. Shtern. Akush. i gin. 32 no. 4:3-13 Jl-Ag '56.

FEUDALISM
(see also subdivision under Byzantine Empire)
Problem of the crisis in the slavery system and the genesis of feudalism. V. V. Struve, N. V. Pigulevskaia. Vop. ist. no. 9:100-105 S '56.

FIBERS
Vital tasks of agricultural science. Len i konop. no. 6: 47-48 Ag '56.

FIBERS, GLASS see Glass fibers

FIBRIN
Stabilizer for fibrinous exudates. N. G. Alekseev. Lab. delo 2 no. 5:20 S-O '56.

FIBRINOGEN
Prothrombin and fibrinogen levels in myocardial infract and stenocardia. V. E. Fradkina. Terap. arkh. 28 no. 6:32-39 '56.

FIELD CROPS
Mosolov, V.P. [Works; in five volumes] Sochineniia; v piati tomakh. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 5. [Papers and articles on cultivation practices and plant growing] Otdel'nye raboty i stat'i po agrotekhnike i rastenievodstvu. p. 1955. 707 p.
Siebut, I.A. [Selected work; in two volumes] Izbrannye sochineniia; v dvukh tomakh. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 1. [Principles of field crop cultivation] Osnovy polevoi kul'tury. 1950. 791 p.

FIELD HANDBALL
Field handball. IU. Bathushkov. Ogonek 34 no. 40: 19 S '56.

FIELD MICE see subdivision under Tajikistan

FIELD THEORY
Method of impact parameters. M. L. Ter-Mikaelian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:77-90 '56.
Pseudoscalar interaction in nonlinear meson dynamics. A. Borgardt. Dokl. AN SSSR 110 no. 1:42-43 S-O '50.
Theory of classical systems of interacting particles obeying a noncentral interaction law. Part 1 [with English summary in insert]. A. E. Glauberman. Zhur. eksp. i teor. fiz. 31 no. 2:218-223 Ag '50.

FILATOV, VLADIMIR PETROVICH, 1875-
Founder of the school of Soviet ophthalmologists. I. G. Ershkovich. Dal'. vost. 24 no. 4:159-103 Jl-Ag '50.

FILBERT—DISEASES AND PESTS
European fruit lecanium, a pest of the filbert. A. D. Kostylev. Zashch. rast. ot vred. i bol. 1 no. 4:91 S-O '56.

FILMS, METALLIC see Metallic films

FILTERS, ELECTRIC see Electric filters

FILTERS AND FILTRATION
Device for effecting the steady weight of filters used to determine the dust content of gases. U. D. Bregvadze. Zav. lab. 22 no. 8:1000-1001 Ag '56.
Equipment for the chemical purification and deoxygenation of water developed by the Ministry of Heavy Machinery Manufacturing for low-capacity boilers. Prom. energ. 11 no. 10:3 of cover O '56.
Mechanization of sediment removal from filters working under pressure. V. O. Kul'bakh, B. IA. Rodov. Med. prom. 10 no. 3:29-30 Jl-S '56.
Methods for removing oil from condensate. V. P. Semenova. Prom. energ. 11 no. 8:36 Ag '56.
Oil containers, regeneration of oil and thermosiphon filters. M. V. Khomiakov. Energetik 4 no. 10:39 O '56.

FINANCE
Effectiveness and means of financing the modernization of fixed assets. IU. Kozyrev. Fin. SSSR 17 no. 10:9-15 O '56.
Follow-up on our material. Fin. SSSR 17 no. 10:70-71 O '56.
More attention to the mobilization of internal resources. I. Fomichev. Fin. SSSR 17 no. 10:63-64 O '56.
Raise the standard of financial work and speed up the elimination of shortcomings. Fin. SSSR 17 no. 10:3-8 O '56.
Readers' suggestions. Fin. SSSR 17 no. 10:65-69 O '56.

FINANCE—LAW
Letter to the editor. S. D. Freidman. Sov. gos. i pravo no. 7:123 '56.

FINANCE—STUDY AND TEACHING
Training specialists. A. Golovisov, M. Kovbasiuk. Den. i kred. 14 no. 10:43-47 O 56.
We are improving work with key personnel. N. Karasaev. Den. i kred. 14 no. 10:47-49 O '56.

FINANCE, LOCAL see Local finance

FINE ART see Art

FINLAND—DESCRIPTION AND TRAVEL
Welcome, Suomi; a traveler's notes. IUrii Zbanatskii. Sov. Ukr. 6 no. 9:151-165 S '56.

FINLAND—RELATIONS (GENERAL) WITH RUSSIA
Celebration in Jyväskylä. V. Kasparova. Klub 6 no. 10:5-6 O '56.

FINNISH ARTISTS see Artists, Finnish

FIRE
Subjugation of fire. IU. Nikanorov. Nauka i zhizn' 23 no. 10:45-48 O '56.
Subjugation of fire. IU. Nikanorov. Nauka i zhizn' 23 no. 11:47-49 N '56.

FIRE PREVENTION
Lovitskii, K.I. [Safety measures and fire prevention in public eating enterprises] Tekhnika bezopasnosti i protivopozharnaia tekhnika v predpriiatiiakh obshchestvennogo pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 105 p.
Sumtsov, A.S. [Fire prevention at harvest time] Pozharnaia profilaktika vo vremia uborki urozhaia. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 45 p.

FIREARMS
"Tsar Achilles." Znan. sila 31 no. 10:13 O '56.

FIREBRICK
Compact-grained chrome magnesite bricks. B. P. Okhrimovich. Metallurg no. 10:23-25 O '56.
Fire-brick lining of hydrolytic apparatus. IU. M. Volkov. Gidroliz. i lesokhim. prom. 9 no. 5:22 '56.
Unburned chrome-magnesite brick. G. G. Aristov, M. I. Panfilov. Metallurg no. 10:22-23 O '56.
Unburned kaolin bricks. O. M. Marguile, E. A. Gin'iar, S. V. Liashenko. Metallurg no. 10:25-26 O '56.

FIREBRICK—TESTING
Instrument for determining the elastic expansion of pressed refractories. A. F. Ogarkov, P. S. Mamykin. Ogneupory 21 no. 6:274-276 '56.

FIRST AID IN ILLNESS AND INJURY—INSTRUCTION AND STUDY
Competitions of public health teams. A. Aleksandrovskaia. Sov. kras. krest 6 no. 5:16-17 S-O '56.
Improve the quality of studies. G. Oshkbkina. Sov. kras. krest 6 no. 5:13 S-O '56.
Mistakes have to be considered. I. Bezguhov. Sov. kras. krest 6 no. 5:17 S-O '56.

FISH, FROZEN
Using antioxidants in the storage of frozen fish. R. R. Perepletchik. Ryb. khoz. 32 no. 10:80-86 O '56.

FISH AS FOOD
New varieties of canned dehydrated meat and fish. L. P. Khakhina. Ref. nauch. rab. VNIIKOP no. 3:54-57 '55.

FISH CULTURE
(see also subdivision under Hungary; Siberia; Ukraine; Volga Valley)
Reproduction of fish stocks in the U. S. S. R. K. E. Babaian. Priroda 45 no. 10:40-50 O '56.

FISH MEAL
Fish meal as a protein and mineral feed for foals. O. Smirnov. Konevodstvo 26 no. 10:25-28 O '56.

FISH OIL
Elution of the fatty fraction of hydrolysate in the production of vitamin A by alkaline hydrolysis. G. V. Krutchenskii. Ryb. khoz. 32 no. 10:35-40 O '56.
Treatment of slowly healing wounds with concentrated preparations of vitamin A, carotene and stickleback oil combined with penicillin. S. E. Manoilov, T. I. Vol'fson. Khirurgiia. 32 no. 7:74-75 Jl '56.
Vitamin A and D preparations and emulsions. A. S. Lazunova and others. Ryb. khoz. 32 no. 9:25-31 S '56.

FISHERIES
(see also subdivision under Atlantic Ocean; Bar District; Belen'koye; Farkhad Reservoir; Kazakhstan; Latvia; Maritime Territory; Rybinsk Reservoir; Sakhalin; Siberia; Soviet Far East;)
Critical remarks on S. V. Mikhailov's article "Increasing the productivity of labor of the fishing fleet." G. F. Lompo-Trofimov. Ryb. khoz. 32 no. 9:52-55 S '56.
Daily control of the fulfillment of the planned average output at fishery enterprises. IU. L. Aizenshtat. Ryb. khoz. 32 no. 10:41-43 O '56.
Energetically develop and introduce automatic processes in the fishing industry. Ryb. khoz. 32 no. 10:1-4 O '56.
The fishing fleet is the basis for the development of intensive fishery. Ryb. khoz. 32 no. 9:1-5 S '56.
For further development of mass invention work. E. G. Pochkin. Ryb. khoz. 32 no. 10:5-6 O '56.
From the pages of newspapers. Ryb. khoz. 32 no. 9: 92-93 S '56.
Open letter to the editor. M. A. Reifman. Ryb. khoz. 32 no. 9:50-52 S '56.
Results of socialist competition between fishery workers for the 2d quarter of 1956. Ryb. khoz. 32 no. 9:6-7 S '56.
Trade news. Ryb. khoz. 32 no. 9:90-91 S '56.
Trade news. Ryb. khoz. 32 no. 10:87-89 O '56.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—CONGRESSES see subdivision under Pacific Ocean

FISHERIES—MAPS see subdivision under Soviet Far East

FISHERIES—RESEARCH
Appeal of the Bureau of the Ichthyological Commission of the Academy of Sciences of the U. S. S. R. to all ichthyologists, hydrobiologists, and scientific workers of other biological specialties working in the field of the biological foundations of fishery. Ryb. khoz. 32 no. 9:69-71 S '56.

FISHERY PRODUCTS see subdivision under Maritime Territory

FISHERY PRODUCTS—PRESERVATION
(see also subdivision under Makhachkala)
Boiling and drying Baltic herring with infrared rays. N. N. Sakharova. Ryb. khoz. 32 no. 9:84-87 S '56.
Comrade Makarova's stringing method. G. I. Dronov. Ryb. khoz. 32 no. 9:66 S '56.
From the pages of newspapers. Ryb. khoz. 32 no. 10: 92-93 O '56.
Preserving fish waste and fish of inferior quality by means of acids. L. L. Lagunov and others. Ryb. khoz. 32 no. 9:78-83 S '56.
Sprat paste. A. R. Milashenko. Ryb. khoz. 32 no. 10:34 O '56.
Successes of the Adler Fish Plant. K. N. Borshchuk. Ryb. khoz. 32 no. 9:88-89 S '56.
Swelling of cans and formation of gas in canned fish. S. I. Ivanova. Ryb. khoz. 32 no. 10:77-80 O '56.
Thermophilic micro-organisms in canned fish. IU. A. Ravich-Shcherbo. Ryb. khoz. 32 no. 10:75-77 O '56.

FISHES
(see also subdivision under Black Sea; Kurile Trench; Soviet Far East; Volga Delta)
Conservation of fish resources. B. F. Tarasiuk. Okhr. prir. i zapov. delo v SSSR no. 1:25-35 '56.

FISHES—BIBLIOGRAPHY see Bibliography—Fishes

FISHES—DISEASES AND PESTS
Manual on diseases of fish ("Diseases in our fishes" [in Czech]. Václav Dyk. Reviewed by V. Ivasyk, O. Kulykivs'ka). Visnyk AN URSR 27 no. 9:73-74 S '56.

FISHES—FOOD
Use of "kormalin" in raising young Baltic salmon. E. M. Malikova, Z. I. Pokrovskaia, N. I. Kotova. Ryb. khoz. 32 no. 10:56-59 O '56.

FISHES—PARASITES see Parasites—Fishes

FISHES—SCALES see Scales (Fishes)

FISHES—TRANSPORTATION
Density norms for fish in tanks for transporting young mullet. A. G. Mints. Ryb. khoz. 32 no. 10:62-64 O '56.
Two years' experience in transporting young mullet from the Caspian to the Aral Sea. V. A. Mitiushkin. Ryb. khoz. 32 no. 10:60-62 O '56.

FISHING
(see also subdivision under Black Sea; Komi A.S.S.R.; Ural River)
Zaborskii, Mikhail. [Hints for the young fisherman] Sovety molodomu rybolovu. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 126 p.

FISHING—IMPLEMENTS AND APPLIANCES see subdivision under Azerbaijan

FISHING BOATS
Use of hanging and floating fenders. F. I. Samol'ianov. Ryb. khoz. 32 no.10:9-10 O '56.

FISTULA
Closure of bronchial fistulae and of the cavity remaining after cavernotomy. M. N. Podol'skii. Probl. tub. 34 no.3:66-67 My-Je '56.
Modified Thiry-Vella's operation. L. P. Pankova. Fiziol. zhur. 42 no. 8:721-722 Ag '56.
Placental transplantation in the treatment of vasicogenital fistulas in women. N. E. Sidorov, N. L. Kapeliushnik. Akush. i gin. 32 no. 4:51-58 Jl-Ag '56.
Vaginal approach in suturing ureterovaginal fistulas. A. E. Mandel'shtam. Akush. i gin. 32 no. 4:58-60 Jl-Ag '56.

FLAME
Hydraulic model for investigating various methods of injecting oxygen to the flame jet in open-hearth gas furnaces. G. P. Ivantsov, M. P. Sobakin. Sbor. trud. TSNIICHM no.13:207-228 '56.
Optical methods of measuring flame temperatures. N. N. Sobolev. Trudy Fiz. inst. 7:159-329 '56.

FLASHLIGHT PHOTOGRAPHY see Photography, Flashlight

FLATFISHES
(see also subdivision under Kamchatka; Maritime Territory)
Some remarks on S. V. Mikhailov's article. A. M. Arestov, V. I. Makarov. Ryb. khoz. 32 no. 9:55-56 S '56.

FLAX
(see also subdivision under Czechoslovakia; Krestets District; Moscow Province)
Applying trace elements to flax. L. I. Petrova. Len i konop. no. 6:22-23 Ag '56.
Book on the experience of a flax-growing farm ("Following the path of Il'ich." N. Korobanov. Reviewed by D. S. Ol'khovskii). Len i konop. no. 7:47-48 S '56.
Calculating the cost of labor and production on collective flax farms. IU. Antropov. Len i konop. no. 8:12-16 O '56.
Chemical weed control in fiber flax. E. F. Lisnik. Len i konop. no. 7:45-46 S '56.
Deliver flax to the state in the year of harvest. IU. P. Litvinenko. Len i konop. no. 6:9-12 Ag '56.
Delivering unprocessed flax and hemp to mills. I. A. Simonov. Len i konop. no. 6:40-42 Ag '56.
Effective utilization of the SSL-VISKhOM dryer. V. A. Tolkovskii, I. N. Bolotov. Len i konop. no. 6:37-39 Ag '56.
Flax mills and collective farms. A. F. Kadochnikova. Len i konop. no. 7:36-41 S '56.
For a more thorough explanation of the results of scientific research. A. I. Leonov. Len i konop. no. 6:45-46 Ag '56.
For high and stable harvests. E. I. Nilova. Len. i konop. no. 7:9-14 S '56.
For persistent improvement of the quality of flax and hemp. Len. i konop. no. 7:1-4 S '56.
How the "Avangard" collective farm increased the yields of fiber flax. I. I. Razumovskii. Ud. i ur. 1 no. 9:51-52 S '56.
Role of seed production stations in furthering flax growing. S. A. Shil'nikov. Len i konop. no. 7:24-25 S '56.
Universal drying installation. V. A. Ostroglazov, IA. D. Mel'tser, M. I. Garber. Len i konop. no. 8:38-40 O '56.
Utilize machinery to the full. I. F. Gagurin. Len i konop. no. 8:26-32 O '56.
Valuable pamphlet on applying fertilizer to flax ("Fertilizer, an important factor in increasing fiber flax yields." A. S. Vinogradov. Reviewed by F. Mikhailov). Len i konop. no. 8:47-48 O '56.
We are improving flax cultivation practices. S. A. Kuznetsov. Len i konop. no. 7:14-19 S 56.

FLAX—BIBLIOGRAPHY see Bibliography—Flax

FLAXSEED
Cleaning flaxseed on collective farms. A. A. Krylov. Len i konop. no. 8:23-25 O '56.
How we obtain high yields of flaxseed. I. A. Dranitsa. Len i konop. no. 6:15-17 Ag '56.

FLEAS AS CARRIERS OF DISEASE
Bysotskaia, S.O. [Brief guide to fleas important in epidemiology] Kratkii opredelitel' blokh, imeiushchikh epidemiologicheskoe znachenie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 99 p. illus.
(DAFM)
Problem of the role of the fly factor in seasonal outbreaks of dysentery. V. S. Zinchenko, E. M. Nestervodskaia. Zhur. mikrobiol. epid. i immun. 27 no. 10: 33 O '56.
Sakharov, P. I. [Dysentery and its prevention] Dizenteriia i ee preduprezhdenie. Moskva, Medgiz, 1955. 26 p.
(DA)

FLEROV, NIKOLAI
Verse about seamen ("Over the ocean's blue waves." Nikolai Flerov. Reviewed by N. Bukin). Sov. mor. 16 no. 9:19 My '56.

FLEXURE
Bending of a fastened plate subjected to loads uniformly distributed on a circular area. O. M. Sapondzhian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:61-75 '56.
Bending of prismatic I-beams. M. S. Sarkisian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 7:61-77 '56.

FLIES
Sand treated with insecticide for controlling flies. V. I. Novikov. Voen.-med. zhur. no. 7:90 Jl '56.

FLINT IMPLEMENTS see subdivision 'Stone implements' under Goncharovka (Izyum District); Starye Kodaki; Varvarovka (Rubezhavskiy District)

FLOOD LANDS see Alluvial lands

FLOODS
(see also subdivision under Kishchay River; Shinchay River)
Forecasting spring floods in mountain streams while lacking snow surveys and high-mountain stations. V. I. Korovin. Trudy KazNIGMI no. 2:4-8 '54.

FLORIDA—AMBARY HEMP
Ambary hemp breeding in southern Florida. G. B. Pet. Len i konop. no. 7:44 S '56.

FLOUR MILLS see subdivision under Kabul, Afghanistan

FLOWER BUGS see subdivision under Soviet Central Asia

FLOWMETERS
Instruments for measuring rapidly varying fluid flow. G. P. Katys. Izm. tekh. no. 4:87-91 Jl-Ag '56.
Measuring the liquid and gas consumption. Izm. tekh. no. 4:58 Jl-Ag '56.

FLUORESCENCE
Fluorescent method for the hygienic inspection of food products. A. A. Kimmel'. Vop. pit. 15 no. 5:93 S-O '56.
Mechanism of concentrated fluorescence quenching of anthracene solutions. B. IA. Sveshnikov, G. A. Tishchenko. Opt. i spektr. 1 no. 2:155-160 Je '56.

FLUORESCENCE—SPECTRA
Anti-Stokes and Stokes fluorescence spectra and yield of vapors of aromatic compounds. B. S. Neporent, N. A. Borisevich. Opt. i spektr. 1 no. 2:143-154 Je '56.
Effect of extraneous gases on the fluorescence spectra and yield of aromatic-compound vapors. N. A. Borisevich, B. S. Neporent. Opt. i spektr. 1 no. 4:536-545 Ag '56.
Fluorescence spectrum technique for the detection of the thermal dissociation products of polyatomic vapor molecules. G. G. Novinin. Opt. i spektr. 1 no. 4:463-469 Ag '56.
Scattering of vibration quanta of excited molecules of nitrogen oxide following collisions with other molecules. A. V. Kleinberg. Opt. i spektr. 1 no. 4:469-477 Ag '56.

FLUORESCENCE MICROSCOPY
Determination of urobilin and stercobilin by fluorescence microscopy. M. P. Holotov. Lab. delo 2 no. 5:16-19 S-O '56.

FLUORESCENT LAMPS
Designing open fluorescent luminaires for industry. IU. B. Aizenberg, A. L. Bogoliubov. Svetotekhnika 2 no. 5:23-24 S '56.
Operating conditions for 60-watt fluorescent lamps in outdoor applications. IA. B. Zil'berblat. Svetotekhnika 2 no. 5:11-14 S '56.
Sockets for fluorescent lamps. B. M. Litterov. Prom. energ. 11 no. 8:27 Ag '56.

FLUORESCENT LIGHTING
"Fluorescent lighting." N. V. Volotskii, D. A. Zil'ber, G. M. Knorring. Reviewed by M. S. Rubnov. Svetotekhnika 2 no. 5:31-32 S '56.
Fluorescent lighting in schools. A. A. Chakhmakhchan. Svetotekhnika 2 no. 5:25 S '56.
Meeting of the Lighting Section of the Moscow branch of the Scientific and Technical Power-Engineering Society. G. I. Ashkenazi. Svetotekhnika 2 no. 5:29 S '56.
Outline of regulations for limiting glare effect from fluorescent lighting apparatus. S. A. Kitaev. Svetotekhnika 2 no. 5:20-21 S '56.
Standardization of measures for limiting glare effect of fluorescent lamps. M. M. Epanechnikov. Svetotekhnika 2 no. 5:19-20 S '56.

FLUORINE
Fluorine content in thermal springs [with English summary in insert]. A. A. Alekseev. Geokhimiia no. 4:56-63 '56.
Simons, J.H., ed. [Fluorine chemistry. Translated from the English] Ftor i ego soedineniia. Perevod s angliiskogo. Pod red. I.L.Knuniantsa i IA.M.Varshavskogo. Moskva, Izd-vo inostrannoi lit-ry.
Vol. 2. 1956. 405 p.

FLUORINE—ANALYSIS
Determining small amounts of fluorine in aqueous solutions. M. G. Lubianskaia. Zav. lab. 22 no. 8:921 Ag '56.

FLYING MACHINES see subdivision under Canada

FODDER see Feeding and feeding stuffs

FOG
(see also subdivision under Black Sea; Leningrad Province)
A. S. Zverev's graphic method for forecasting the minimum temperature of night air and radiation fog. R. M. Medzhitov. Trudy TSIP. no. 42:20-24 '56.
Forecasting radiation fog. R. M. Medzhitov. Trudy TSIP no. 42:11-19 '56.

FOK, VLADIMIR ALEKSANDROVICH, 1898- —— BIBLIOGRAPHY see Bibliography—Fok, Vladimir Aleksandrovich, 1898-

FOLIC ACID
Determination of folic acid in urine. A. N. Tikhomirova, O. I. Penar. Vop. pit. 15 no. 5:45-48 S-O '56.

FOLK ART see subdivision under Siberia; Tatar A.S.S.R.

FOLK LITERATURE
Guardian of tales and songs. N. Belinovich. Krest'ianka 35 no. 11:15-16 N '56.

FOLK MUSIC
(see also subdivision under Don Valley)
Popova, T.V. [Russian folk music] Russkoe narodnoe muzykal'noe tvorchestvo. Moskva, Gos. muzykal'noe izd-vo.
No. 2. 1956. 271 p.

FOLK MUSIC, YAKUT
In Yakutia. G. Grigorian. Sov. muz. 20 no. 10:71-78 O '56.

FOLK TALES see Folk literature

FOLKLORE, CZECHOSLOVAK
At the conference of Czechoslovak students of folklore. S. V. Nikol'skii. Vest. AN SSSR 26 no. 9:71-73 S '56.

FOLKSONGS
Prach, Ivan. [A collection of Russian folksongs, with music. Set to music by Ivan Prach] Sobranie narodnykh russkikh pesen s ikh golosami. Na muzyku polozhil Ivan Prach. Pod red. i s vstup. stat'ei V.M.Beliaeva. Moskva, Muzgiz, 1955. 349 p.
(NN)

FOLKSONGS, UKRAINIAN
Franko and music. M. Khomycheva'kyi. Mystetstvo no. 4:9-11 Jl-Ag '56.

FOLKSONGS, YUGOSLAV
[Yugoslav folksongs. Translated from the Serbian, Croatian, Slovenian and Macedonian] IUgoslavskie narodnye pesni. [Perevod s serbo-khorvatskogo, slovenskogo i makedonskogo iazykov P. Erastova.] Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 186 p.

FOOD
(see also subdivision under China)
Hygienic characteristics of foodstuffs obtained from plants treated with DDT. S.G.Serebriannia. Gig. i san. 21 no. 10:20-30 O '56.

FOOD—ADULTERATION AND INSPECTION
Fluorescent method for the hygienic inspection of food products. A. A. Kiuntsel'. Vop. pit. 15 no. 5:93 S-O '56.
International congress on veterinary food hygiene. A. A. Poltakov, G. V. Kolobolotskii. Veterinariia 33 no. 11: 83-85 N '56.

FOOD—ANALYSIS
Colloid-chemical change in apple sauce during drying. T. I. Pintigorskaia. Ref. nauch. rab. VNIIKOP no. 3:81-86 '55.
Experimental study of a method suggested by G. I. Savel'eva for determining the vitamin C content of colored vegetable products. N. A. Briukhanova. Vop. pit. 15 no. 5:93-94 S-O '56.
Rapid determination of the content of dry substances in canned foods. V. S. Girzhivo, L. IA. Val'ter. Ref. nauch. rab. VNIIKOP no. 3:33-36 '55.

FOOD—BACTERIOLOGY
Causes of penetration of coccal forms of bacteria in canned fish and meat. F. S. Apt, T. I. Nekhotenova, D. S. Gluz. Ref. nauch. rab. VNIIKOP no. 3:27-32 '55.
Change in quality of canned baby foods during storage. I. Kh. Kottlar and others. Ref. nauch. rab. VNIIKOP no. 3:22-27 '55.
Microflora of food concentrates. T. I. Nekhotenova. Ref. nauch. rab. VNIIKOP no. 3:66-70 '55.

FOOD, CANNED—STORAGE
Change in quality of canned baby foods during storage. I. Kh. Kottlar and others. Ref. nauch. rab. VNIIKOP no. 3:22-27 '55.

FOOD, CONCENTRATED
Dry soybean fermentation hydrolyzate. S. A. Genin, E. G. Chinenova. Ref. nauch. rab. VNIIKOP no. 3:57-61 '55.
Microflora of food concentrates. T. I. Nekhotenova. Ref. nauch. rab. VNIIKOP no. 3:66-70 '55.

FOOD INDUSTRY
A textbook should give fuller information on progressive practice ("Organization and practice of the food trade." A. F. Kronov. Reviewed by I. Fel'dman). Sov. torg. no. 9:29-32 S '56.

FOOD INDUSTRY—BIBLIOGRAPHY see Bibliography—Food industry

FOOD POISONING
Terminology and classification of food infections and poisoning. A. I. Zavadovskii. Vop. pit. 15 no. 5:53-56 S-O '56.

FOOT ROT IN SHEEP
Docent A. F. Goncharov's article on the "Etiology of foot rot in sheep." N. I. Dyl'ko. Veterinariia 33 no. 11 N '56.

FORAGE PLANTS
(see also subdivision under Lvov)
Changing the nature of some annual forage plants. M. P. Eisukov. Sel. i sem. 31 no. 4:38-44 '56.
Effect of long-lived grass-legume mixtures on soil fertility. M. M. Rozhkov. Zemledelie 4 no. 10:114-115 O '56.
Role of perennial forage plants in improving the properties of soil. L. A. Makarova, T. A. Stenina. Trudy Komi fil. AN SSSR no. 2:10-26 '54.
Smirnov, P. Z. [Green fodder plan] Zelenyi konveier. [Saratov] Saratovskoe kn-vo, 1954. 41 p.
(DA)
Smooth brome as a valuable forage crop. A. Shadiev. Zemledelie 4 no. 10:113-114 O '56.
Wild mignonette as forage plant. S. O. Illichevskii. Priroda 45 no. 10:116 O '56.

FORAMINIFERA
(see also subdivision under Soviet Far East)
Coordination of micropaleontological studies (conference in Moscow). D. M. Rauzer-Chernousova. Vest. AN SSSR 26 no. 9:105-106 S '56.

FORCE AND ENERGY—STUDY AND TEACHING
Explaining the law of inertia. V. Fridman. Fiz. v shkole 16 no. 5:91 S-O '56.

FORECASTING OF WEATHER see subdivision 'Weather forecasting' under Minsk

FOREIGN TRADE see Commerce

FOREST ECOLOGY see subdivision under Armenia

FOREST FIRES—PREVENTION AND CONTROL
A good start. A. Pankov. Okh. i okh. khoz. no. 10:46 O '56.

FOREST INDUSTRIES see Wood-using industries

FOREST INFLUENCES
Interrelation and interaction of forest vegetation and soils [with French summary in insert]. S. V. Zonn. Pochvovedenie no. 7:80-91 Jl '56.
Sus, N. I., ed. [Land improvement through afforestation] Agrolesomelioratsiia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 510 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

FOREST MANAGEMENT
Belorusskii nauchno-issledovatel'skii institut lesnogo khoziaistva. [Manual on managing collective farm forests] Spravochnik po vedeniiu khoziaistva v lesakh kolkhozov. Minsk, Gos. izd-vo BSSR, 1956. 256 p.

FOREST PRODUCTS
Gathering and processing unsawed stump wood. F. A. Mednikov, T. N. Tiul'panova. Gidroliz. i lesokhim. prom. 9 no. 5:26-27 '56.

FOREST SOILS
(see also subdivision under Crimea)
Interrelation and interaction of forest vegetation and soils [with French summary in insert]. S. V. Zonn. Pochvovedenie no. 7:80-91 Jl '56.
Role of the biological cycle of elements in the formation of soils under the forest canopy [with French summary in insert]. N. P. Remezov. Pochvovedenie no. 7:68-79 Jl '56.

FOREST SOILS—BIBLIOGRAPHY see Bibliography—Forest soils

FORESTS, NATIONAL see National parks and reserves

FORESTS AND FORESTRY
Borodin, M. M., and others. [Wages in forestry] Oplata truda v lesnom khoziaistve. Moskva, Goslesbumizdat, 1956. 127 p.
Tasks in the regeneration, utilization, and conservation of forests of the U.S.S.R. D. T. Kovalin. Okhr. prir. i zapov. delo v SSSR no. 1:9-24 '56.

FORGING
Designing optimum blank shapes for forging gear-type products. O. A. Ganago, I. IA. Tarnovskii, N. N. Krasovskii. Trudy Ural. politekh. inst. no. 45:137-151 '53.
Modern automatic and mechanized equipment for annealing blanks to be forged. A. M. Mansurov. Vest. mash. 36 no. 10:77-84 O '56.
Three-dimensional hot stamping in the medical instruments industry. L. I. Faingol'd. Med. prom. 10 no. 3: 37-41 Jl-S '56.

FORMALDEHYDE
Development of the technique of producing urea-formaldehyde resins. A. A. Blagonravova and others. Khim. prom. no. 5:280-283 Jl-Ag '56.
Using silver fillings as catalysts in the production of formalin. I. I. Kotska, A. A. Satler. Gidroliz. i lesokhim. prom. 9 no. 5:20-21 '56.

FORMIC ACID
Chemical removal of formic acid from acetic acid with potassium permanganate and bichromate. Z. K. Fedoseeva, G. N. Freidlin. Khim. prom. no. 5: 306-307 Jl-Ag '56.
Reduction with formic acid and its derivatives. A. N. Kost, N. I. Stupnikova. Part 6. Synthesis of N-cycloalkyletha-nolamines. Zhur. ob. khim. 26 no. 9:2485-2487 S '56.

FORMOSA
They are from Taiwan. G. Borovik. Ogonek 34 no. 47: 6-7 N '56.

FORMS (CONCRETE CONSTRUCTION) see Concrete construction—Form work

FOUNDATIONS
Approximate calculation of wedge-shaped foundations of structures erected above open-pit mines. M. Sh. Mintskovskii. Nov. v stroi. tekh. no. 7:165-177 '56.
Aspects of calculating foundations for rotary diffusion apparatus. V. N. Shchegolev. Sakh. prom. 30 no. 8: 20-24 Ag '56.
Experimental investigation of foundation anchors. L. N. Dzhioev. Gidr. stroi. 25 no. 9:28-31 O '56.
Load testing of wedge-shaped and flat foundations. P. I. Dranishnikov, M. Sh. Mintskovskii. Nov. v stroi. tekh. no. 7:101-144 '55.

FOUNDING
Casting of abrasive wheel dressers. I. IA. Libman, I. V. Kharin. Lit. proizv. no. 9:27-28 S '56.
Conference of foundry-worker readers. N. Sul'c. Bibliotekar' no. 10:39-40 O '56.
Conference on problems of metal solidification. O. N. Magnitskii, L. M. Postnov. Lit. proizv. no. 9:30-31 S '56.
Ineffectualness of forced adding of metal to cast steel. K. K. Prokhorenko, A. I. Urinson. Vop. proizv. stali no. 3:130-134 '56.
Methods of studying gating systems. K. N. Militsyn. Lit. proizv. no. 4:17-19 O '56.
Nikolaichik, N.P. [Increasing the durability of cast iron casting molds] Povyshenie stoikosti chugunnykh izlozhnits. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 235 p.
Panin, I.D. [Efficient founding; the experience of the "Sibsel'mash" plant] Ratsionalizatsiia liteinogo proizvodstva; iz opyta "Sibsel'masha." Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 47 p. (Obmen teknicheskim opytom)
The shape of head metal. N. G. Girshovich. Lit. proizv. no. 4:32 O '56.
Urgent problems in the organization of founders' wages. L. Lipkind. Sots. trud. no. 4:61-68 Ap '56.
Ways to improve bottom pouring of steel. V. A. Efimov. Vop. proizv. stali no. 3:177-190 '56.

FOUNDING—BIBLIOGRAPHY see Bibliography—Founding

FOUNDING—HYGIENIC ASPECTS
The dust factor and its significance in founding. A. S. Plakhin. Gig. i san. 21 no. 8:45-49 Ag '56.

FOUNDING—QUALITY CONTROL
Control of castings by means of radioactive isotopes. B. B. Guliaev, L. G. Demina. Lit. proizv. no. 9:18-20 S '56.
Summary of the conference on hot cracks in welded joints, castings and ingots. N. F. Lashko, S. V. Lashko-Avakian. Lit. proizv. no. 4:30-31 O '56.

FOUNDRY MACHINERY AND SUPPLIES
Aksenov, N. P. [Foundry equipment] Oborudovanie liteinykh tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1946. 551 p.
Automatic molding mix loading into measuring hoppers. I. A. Dudnikov, N. I. Durnev. Lit. proizv. no. 9:28-29 S '56.
Combination stopper nozzle. F. I. Moskovtsev. Lit. proizv. no. 9:27 S '56.
Small-scale mechanization in foundries. V. A. Grachev. Lit. proizv. no. 9:15-16 S '56.
Tar and sand mixtures for molds and cores. I. E. Shub, P. I. Kantor. Lit. proizv. no. 9:1-5 S '56.
Using wood pitch in foundry practice. V. A. Sokolova, V. V. Romanenko. Gidroliz. i lesokhim. prom. 9 no. 5: 10-12 '56.

FOUNDRY SAND see Sand, Foundry

FOURIER'S SERIES
Theorem on the summation of derivative expansions into an ordinary and generalized Fourier integral. I. S. Sargsian. Dokl. AN Arm. SSR 23 no. 1:3-10 '56.
Theory of Fourier's series in rational functions. M. M. Dzhrbashian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 7:3-28 '56.

FOWLING
Fowling. V. German. Fizk. i sport 26 no. 10:35 '56.

FOXES
(see also subdivision under Estonia)
Shooting and trapping foxes. IU. Gerasimov. Okh. i okh. khoz. no. 10:15-17 O '56.
Tagging foxes. A. Popov. Okh. i okh. khoz. no. 10:17 O '56.

FRACTURES
Some results of a study on the effect of medullary nails on the healing of fractures and on the condition of bone tissue [with summary in English, p. 359]. P. V. Sipovskii. Vest. khir. 77 no. 9:46-54 S '56.

FRANCE—ANTIBIOTICS
Study and production of antibiotics in France. Antibiotiki 1 no. 4:59-61 Jl-Ag '56.

FRANCE—AUTOMOBILES
Passenger automobile with an electric engine. V. G. Ivashkin. Avt. i trakt. prom. no. 9:44-45 S '56.

FRANCE—BIOLOGICAL LABORATORIES
Biochemical laboratories in Belgium and France. N. M. Sisakian. Vest. AN SSSR 26 no. 10:61-67 O '56.

FRANCE—BOOKS
Exhibition of French books and graphic art in Leningrad. N. Popova. Neva no. 9:170-171 S '56.

FRANCE—CHEMICAL INDUSTRIES
Visiting French chemists. A. D. Petrov, N. I. Shuikin. Vest. AN SSSR 26 no. 10:55-60 O '56.

FRANCE—CITIES AND TOWNS
Cities of France. Pierre George. Geog. v shkole 19 no. 5:21-27 S-O '56.

FRANCE—COLONIES—AFRICA see Africa—French Colonies

FRANCE—CONCERTS
Argentina-Uruguay-Chile-France. L. Kogan. Sov. muz. 20 no. 9:135-139 S '56.

FRANCE—DESCRIPTION AND TRAVEL
Across France. Evgenii Dolmatovskii. Nov. vrem. 14 no. 44:20-24 O '56.

FRANCE—ECONOMIC CONDITIONS
Bettelheim, Charles. [The economy of France after the Second World War. Translated from the French] Ekonomika Frantsii posle vtoroi mirovoi voiny. Perevod s frantsuzskogo E. A. Menzhinskogo i E. P. Pletneva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 226 p.
Book about France ("The crisis of French imperialism after the Second World War." R. Gutermuth. Reviewed by K. Dzhedzhula). Sov. Ukr. 6 no. 9:182-184 S '56.
Some problems in the economic development of post-war France. P. M. Mikhn'ov. Nauk. zap. Kiev. un. 15 no. 1:151-170 '56.

FRANCE—EDUCATION—PERIODICALS
Militant periodical of French teachers ["L'Ecole et la Nation"]. S. A. Tangian. Sov. pedag. 20 no. 11:116-121 N '56.

FRANCE—ELECTRIC LOCOMOTIVES
Results of operating electric locomotives on single-phase industrial frequency in France. S. S. Kalinin. Zhel. dor. transp. 38 no. 10:84-86 O '56.

FRANCE—FOREIGN RELATIONS
Who is more to the right. Nov. vrem. 14 no. 44:16 O '56.

FRANCE—FOREIGN RELATIONS—GERMANY, WEST
False thesis. Nov. vrem. 14 no. 43:19-20 O '56.

FRANCE—HISTORY
"Study of the French bourgeois revolution of the 18th century in class 8." N. G. Dairi. Reviewed by N. M. Gol'dberg and V. A. Orlov. Prep. ist. v shkole 18 no. 5:105-108 S-O '56.

FRANCE—JET PLANES
Airplane with a ram jet engine. Kryl. rod. 7 no. 9:23 S '56.

FRANCE—LIGHTING—CONGRESSES
National congress of lighting engineers in France. S. G. IUrov. Svetotekhnika 2 no. 5:27-28 S '56.

FRANCE—MOTION-PICTURE PLAYS
The new French film "The best part." Isk. kino no. 9: 110-111 S '56.

FRANCE—OFFICIALS AND EMPLOYEES
Trade unions of civil servants on the road to unity. Leon Clair. Vsem. prof. dvizh. no. 10:32-36 O '56.

FRANCE—POLITICS AND GOVERNMENT
Marat, Jean Paul. [Selected works] Izbrannye proizvedeniia. Sost. V. P. Volgin i A. Z. Manfred. Perevod S. B. Kana. Vstup. stat'ia A. Z. Manfreda, Kommentarii V. M. Dalina. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. 1956. 360 p.
Vol. 2. 1956. 316 p.

The Great Mason in the works of Ukrainian painters. O. Kniukh. Mystetstvo no. 4:5-8 Jl-Ag '56.
Honoring the memory of Ivan Franko. Rad. zhin. 11 no. 10:6 O '56.
In memory of Ivan Franko. Nar. Kit. no. 18:40-41 S '56.
Indefatigable champion of realism. H. Ostrovs'kyi. Mystetstvo no. 4:2-4 Jl-Ag '56.
[Ivan IAkovich Franko; his life and work in portraits, illustrations and documents; on the centenary of his birth] Ivan IAkovych Franko; zhyttia i tvorchist' v portretakh ilustratsiiakh dokumentakh. Do 100-littia z dnia narodzhennia. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 295 p.
Ivan Franko. N. Gudzii. Mol. estr. no. 5:107-109 '56.
Ivan Franko and bibliography. M. P. Gumeniuk. Sov. bibl. no. 43:37-43 '56.
Ivan Franko and Mykhailo Kotsiubyns'kyi. Nina Kalenychenko. Dnipro 30 no. 10:114-119 O '56.
Ivan Franko's struggle for friendship and unity among peoples. I. Balaka. Sov. Kazakh. 22 no. 8:114-117 Ag '56.
Parkhomenko, M. [Ivan Franko's dramaturgy] Dramaturgiia Ivana Franka. [L'viv] Vyd-vo L'vivs'koho univ., 1956. 127 p.
The pedagogical community of the Ukraine celebrates the centenary of Ivan Franko's birth. Rad. shk. 35 no. 10: 62-64 O '56.
Session of the General Assembly of the Academy of Sciences of the Ukrainian S. S. R. devoted to the centenary of Ivan Franko's birth. Visnyk AN URSR 27 no. 9:50-53 S '56.
Shakhova'kyi, Semen. [Ivan Franko's artistry] Maisternist' Ivana Franka. Kyiv, Radians'kyi pys'mennyk, 1956. 191 p.
(MH)
Stage history of "Stolen happiness," by Ivan IUra. Mystetstvo no. 4:12-14 Jl-Ag '56.
Sydorenko, H. K. [Ivan Franko's literary criticism; a sketch of literary history] Literaturno-krytychna dial'nist' Ivana Franka; istoryko-literaturnyi narys. [Kyiv] Vyd-vo Kyivs'koho derzh. univ. im. T. H. Shevchenka, 1956. 74 p.
Why did I propagandize Ivan Franko's works? František Hlaváček. Sov. Ukr. 6 no. 9:173-175 S '56.

FRANKO, IVAN, 1856-1916—MUSEUMS, RELICS, ETC.
Lvov. Derzhavnyi literaturno-memorial'nyi muzei Ivana Franka. [Ivan Franko Museum in Lvov; a guidebook] Derzhavnyi literaturno-memorial'nyi muzei Ivana Franka u L'vovi; putivnyk. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1956. 73 p.

FREEZING AND OPENING OF RIVERS, LAKES, ETC. see Ice on rivers, lakes, etc.

FRENCH LANGUAGE—EARLY MODERN (TO 1700)
Concept of the norm of the French literary language in the 16th and 17th centuries. R. A. Budagov. Vop. iaz. 5 no. 5:10-21 S-O '56.

FRENCH LANGUAGE—HISTORY
Seminar work on French theoretical grammar. T. A. Abrosimova. Uch. zap. Ped. inst. Gorts. 124:231-239 '56.

FRENCH LANGUAGE—STUDY AND TEACHING
New ways of teaching how to rephrase a text in classes 8-10. A. A. Groisman. Inostr. iaz. v shkole no. 5: 90-93 S-O '56.

FRENCH LANGUAGE—TRANSLATING
Machine translating from French into Russian. O. S. Kulagina, I. A. Mel'chuk. Vop. iaz. 5 no. 5:111-121 S-O '56.

FRENCH LANGUAGE—WORDS—HISTORY
"The toxicology of modern French." V. N. Andreeva. Reviewed by F. E. Roitenberg and E. A. Khalifman. Inostr. iaz. v shkole no. 5:106-111 S-O '56.

FRENCH PAINTINGS see Paintings, French

FRENCH PHYSICISTS see Physicists, French

FRENCH VERB—TENSE
"The tense of the indicative verb in modern French" [in French]. H. Sten. Reviewed by IU. S. Martem'ianov. Vop. iaz. 5 no. 5:153-155 S-O '56.

FREQUENCY DISTRIBUTION see Distribution (Probability theory)

FREQUENCY MODULATION, RADIO see Radio frequency modulation

FRESH-WATER BIOLOGY see subdivision under Rybinsk Reservoir

FRICTION
Determination of the coefficient of external friction in upsetting by the method of inclined strikers. A. A. Dinnik. Trudy Inst. chern. met. AN URSR no. 10:127-128 '56.
Effect of friction of the end planes on the energy consumption in compression. V. E. Fanin. Fiz. met. i metalloved. 3 no. 1:172-178 '56.
Investigating frictional forces between steel rollers contacts at high-speed sliding and high temperatures. N. F. Kuz'min. Nauch. trudy NPI 30:123-130 '56.
Minimum contact safety zone on gear wheel surfaces. N. F. Kuz'min. Nauch. trudy NPI 30:115-121 '56.
Some problems on the external friction of rubber. G. M. Bartenev. Koll. zhur. 18 no. 5:626-631 S-O '56.

FRICTION CLUTCHES see Clutches (Machinery)

FRIENDS, SOCIETY OF
A quaker's viewpoint. Henry J. Cadbury. Mol. mira no. 9:21 '56.

FRIT FLIES
Resistance of hard wheat hybrids to the frit fly. A. P. Shulyndin, V. T. Munziuk. Agrobiologiia no. 5:22-32 S-O '56.

FROST see subdivision under Caucasus, Northern; Saratov Province

FROST RESISTANCE OF PLANTS see Plants—Frost resistance

FROZEN FISH see Fish, Frozen

FROZEN GROUND
Akademiia nauk SSSR. Institut merzlotovedeniia. [Material principles of knowledge about the frozen zones of the earth's crust] Materialy k osnovam uchenila o merzlykh zonakh zemnoi kory. Moskva.
No. 1. Shvetsov, P. F. [Introduction to principles of geocryology] Vvodnye glavy k osnovam geokriologii. 1955. 110 p.
Determining the depth of thaw in embankments under conditions prevailing in the Far North. S. V. Tomirdiaro. Avt. dor. 19 no. 9:18-21 S '56.
Drilling holes in frozen ground by means of hot compressed air. L. M. Cherevatskii. Nov. tekh. i pered. op. v strol. 18 no. 10:18-19 O '56.
On problems of working frozen ground. I. L. Berkman. Strol. i dor. mashinostr. 1 no. 10:5-10 O '56.

FROZEN MEAT see Meat, Frozen

FRUCTOSE
Role of fructose in artificial insemination. N. P. Shergin. Dokl. Akad. sel'khoz. 21 no. 10:35-39 '56.

FRUIT—DISEASES AND PESTS
Controlling fruit and berry pests in spring. IUn. nat. no. 2:33 My '56.
Peach coddling moth (Carposina sasakii Matsumura). N. P. Tikhonov. Zashch. rast. ot vred. i bol. 1 no. 4 43-44 S-O '56.

FRUIT—PRESERVATION
Lines of equipment for sulfitation and desulfitation of fruit in canning. N. IA. Rabiner, D. N. Molchanov. Ref. nauch. rab. VNIIKOP. no. 3:37-50 '55.

FRUIT—STORAGE
Role of gases in vegetable and fruit storage. IU. V. Rakitin, A. V. Krylov, A. A. Kulesnik. Priroda 45 no. 10: 97-99 O '56.

FRUIT, FROZEN
Use of ascorbic acid as an antioxidant in freezing apricots. A. K. Santchan. Vop. pit. 15 no. 5:81-82 S-O '56.

FRUIT, TROPICAL see Tropical fruit

FRUIT CULTURE
(see also subdivision under Azerbaijan; Crimea; Komi A.S.S.R.; Leninabad Province; Moscow Province; Poland)
Advice for young naturalists. IUn. nat. no. 3:36 Je '56.
Hitch for cultivating orchards. A. Solovei, A. Chekalov. Tekhnov. MTS 17 no. 17:0-11 S '56.
How to apply fertilizers when planting orchards and vineyards. I. M. Semenov. Ud. i ur. 1 no. 9:24-27 S '56.
Kuryndin, I. I., and others. [Fruit culture] Plodovodstvo. Izd. 5-oe, perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 464 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
Motilitskii, Z. A. [Cultivation practices in fruit culture] Agrotekhnika plodovykh kul'tur. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 455 p.
(DA)
Tarasenko, M. T. [Rejuvenation of a variety] Obnovlenie sorta. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 206 p.
To my friends, the young fruit breeders. S. Chernenko. IUn. nat. no. 2:31 My '56.

FRUIT CULTURE—BIBLIOGRAPHY see Bibliography—Fruit culture

FRUIT CULTURE—EXHIBITIONS see subdivision under Moscow

FRUIT TREES
Durable passports for plants. A. Derin. IUn. nat. no. 7:40 O '56.

FRUITS, CITRUS see Citrus fruits

FRUNZE—HORSE RACING
Interrepublic contests for Central Asiatic horsemen. G. V. Nechiporenko. Konevodstvo 26 no. 11:36-43 N '56.

FRUNZE—OPEN-HEARTH FURNACES
In a few words. S. M. Malyshenko. Metallurg no. 10:39 O '56.

FUEL
Converting chamber kilns from solid to gas fuel. I. T. Gubko, P. L. Satanovskii. Ogneupory 21 no. 6:259-263 '56.
Low temperature properties of hydrocarbon fuels; nomogram for determining the temperature of crystallization of fuels and their fractions. IA. B. Cherikov, V. N. Zreiov. Khim. i tekh. topl. no. 10:14-18 O '56.
Relationship of the dissolved water content of hydrocarbon fuels to relative humidity at different temperatures. B. A. Englin, V. M. Tugolukov, T. P. Sakodynskaia. Khim. i tekh. topl. no. 11:43-46 N '56.

FUEL, LIQUID see Liquid fuels

FUEL CELLS
Conversion of the chemical energy of fuel to electrical energy in fuel cells. A. G. Pasynichnikov. Teploenergetika 3 no. 10:47-51 O '56.

FUEL OIL see Petroleum as fuel

FUEL PUMPS
Reconditioning the valve seat of the B-6 gas pump. A. Zholudev. Avt. transp. 34 no. 9:33 S '56.

FUNCTIONAL ANALYSIS
On a Frankl's problem. A. B. Bitsadze. Dokl. AN SSSR 109 no. 6:1091-1094 Ag '56.
One boundary value problem. M. A. Krasnosel'skii. Izv. AN SSSR. Ser. mat. 20 no. 2:241-252 Mr-Ap '56.

FUNCTIONS
Certain attributes of closure and completeness of a system of functions. N. E. Shilov. Nauk. zap. Kiev. un. 12 no. 6:37-48 '53.
Certain class of regular monotonic functions. Blagovest Sendov. Dokl. AN SSSR 110 no. 1:27-30 S-O '56.
Letter to the editor. B. Levitan, I. Sargsian. Izv. AN Arm. SSR. Ser. FMET nauk 9 n o. 7:105 '56.
Speed of convergence of Bernstein and Hermite-Feier interpolation processes, constructed for certain classes of nodes. D. L. Berman. Dokl. AN SSSR 109 no. 6: 1087-1090 Ag '56.
Theory of generalized integral transformations of functions of several variables. A. E. Avetisian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:3-24 '56.

FUNCTIONS—TABLES, ETC.
Dekanosidze, E.N. [Tables of cylindrical functions of two variables] Tablitsy tsilindricheskikh funktsii ot dvukh peremennykh. Moskva, Izd-vo Akademii nauk SSSR, 1956, 491. (Matematicheskie tablitsy)

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CONTINUOUS
Best approximation of conjugate functions by means of trigonometric polynomials. S. B. Stechkin. Izv. AN SSSR. Ser. mat. 20 no. 2:197-200 Mr-Ap '56.
Fourier - Stieltjes coefficients of singular functions. O. S. Ivashev-Musatov. Izv. AN SSSR. Ser. mat. 20 no. 3:179-190 Mr-Ap '56.
Weighted approximation of continuous functions by polynomials on the entire real axis. N. I. Akhiezer. Usp. mat. nauk 11 no. 4:3-43 Jl-Ag '56.

FUNCTIONS, ENTIRE
Mean quadratic approximation of complex variable functions in infinite domains by means of entire functions of finite degree. I. I. Ibragimov. Uch. zap. AGU no. 4: 3-11 '56.

FUNCTIONS, PERIODIC
Compactness of systems of B. Levitan's almost-periodic functions. A. S. Kovan'ko. Dop. ta pov. L'viv. un. no. 4, pt. 2:67 '53.

FUNCTIONS OF COMPLEX VARIABLES
Mean quadratic approximation of complex variable functions in infinite domains by means of entire functions of finite degree. I. I. Ibragimov. Uch. zap. AGU no. 4: 3-11 '56.
Topological methods in the theory of functions of complex variables and their application in inverse boundary problems. F. D. Gakhov, IU. M. Krikunov. Izv. AN SSSR. Ser. mat. 20 no. 2:207-240 Mr-Ap '56.

FUNCTIONS OF SEVERAL VARIABLES
Stereoscopic nomography and solution of the problem of general anamorphosis in N-dimensional space. I. A. Vil'ner. Usp. mat. nauk 11 no. 4:123-130 Jl-Ag '56.

FUNGI
(see also subdivision under Azerbaijan; Belgorod Province; Dnieper Valley; Khomutova Steppe Preserve; Tashkent Province; Ufa District)
Using a predaceous fungus for ridding horse manure of strongyloid larvae. Z. P. Kornienko, IU. IA. Tendeinik, O. Ch. Charyev. Veterinariia 33 no. 11:74 N '56.

FUNGI, PATHOGENIC
Fungus "burns" of roses. A. S. Lialina. Biul. Glav. bot. sada no. 24:95-96 '56.

FUNGI, PHYTOPATHOGENIC
Formation of mycoflora. N. A. Cheremisinov. Bot. zhur. 41 no. 9:1293-1308 S '56.
Fungus diseases and mycorhiza of the main tree varieties of West Kazakhstan Province. S. R. Shvartsman, N. M. Leonova. Trudy Inst. bot. AN Kazakh. SSR 1:148-176 '55.
Fungus diseases of saksaul. B. I. Kravtsev. Trudy Inst. bot. AN Kazakh. SSR 2:116-187 '55.
Laboratory method for faster testing of citrus plants for resistance to mal secco. V. N. Orshanskaia, N. P. Ordzhonikidze. Agrobiologiia no. 5:35-44 S-O '56.
New pine disease in northern Kazakhstan. S. R. Shvartsman. Trudy Inst. bot. AN Kazakh. SSR 2:3-115 '55.

FUNGI IN AGRICULTURE
Nigrosporosis of corn in the Ukraine. T. O. Kulyk. Ukr. bot. zhur. 13 no. 3:87-91 '56.

FUNGICIDES
Disinfection of pea seeds. B. G. Krivin. Ref. nauch. rab. VNIIKOP. no. 3:76-78 '55.
Fungicidal properties of chicken egg protein at various stages of embryonic development. G. P. Korotkova. Biul. eksp. biol. i med. 42 no. 9:60-63 S '56.

FUR
Let's improve the quality of raw hides and furs: In the plenum of the Technical Council of the Meat and Dairy Products Industry of the U. S. S. R. Mias. ind. SSSR 27 no. 5:7-21 '56.
Pokrovskii, V.S. [Take care of furs] Beregi pushninu. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 62 p. (Biblioteka voennogo okhotnika)

FUR FARMING see subdivision under Dmitrov District; Scandinavia; Siberia

FUR TRADE
In the Palace of Furs. A. Kaplin. Okh. i okh. khoz. no. 10:22 O '56.

FURALDEHYDE
Furacillin for treating chronic purulent mesotympanitis. E. A. Landsberg. Voen.-med. zhur. no. 7:88-89 Jl '56.
Isolation of furfurole and volatile phenols from distillate. N. V. Chalov, L. V. Gordon, S. O. Skvortsov. Gidroliz. i lesokhim. prom. 9 no. 5:8-10 '56.
Liquid-vapor equilibrium at increased pressure for the system: furfurole - water. N. P. Mel'nikov, IU. A. TSirlin. Zhur. prikl. khim. 29 no. 9:1456-1459 S '56.
Quantitative microdetermination of furacillin in 1: 5000 solutions. P. D. Shvartsman. Apt. delo 5 no. 5:41 S-O '56.

FURAN
Synthesis and polymerization of vinyl derivatives of furan and thiophene series. I. V. Andreeva, M. M. Koton. Dokl. AN SSSR 110 no. 1:75-78 S-O '56.

FURNACES
Automatic flame direction-changers used in glassmaking furnaces. M. A. Zezin. Trudy VNIIStekla no. 36 120-133 '56.
Controlling steam condensation in flue systems and furnace pipes. N. Flegontov. Sel'. stroi. 11 no. 9: 24-26 S '56.
Designing electric glassmaking furnaces. M. G. Stepanenko, V. M. Lur'e. Trudy VNIIStekla no. 36:51-70 '56.
Determining the initial parameters in designing petroleum refinery furnaces. TS. A. Bakhshian. Khim. i tekh. topl. no. 11:65-72 N '56.
Improving the design of heating furnaces. IA. M. Chernlavskii. Metallurg no. 10:31-32 O '56.
Investigating the performance of the VVS machines at high speeds in the Bytoshevskiy and Chagodoshchenskiy glass works. M. P. Orlova, V. N. Sosorova, I. D. Tykachinskii. Trudy VNIIStekla no. 36:82-94 '56.
Mechanically fired furnace for small lignite lumps. G. B. Froishteter, N. G. IAmpol'skii. Spirt. prom. 22 no. 3: 15-19 '56.
Method of calculating horizontal cyclone furnaces for crushed coal. M. A. Nadzharov. Teploenergetika 3 no. 9:24-28 S '56.
Tails, N.IU., and IU. L. Rozengart. [Continuous heating furnaces] Metodicheskie nagrevatel'nye pechi. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956, 248 p.
Ways of increasing the efficiency and productivity of shaft furnaces for building materials. A. A. Voznesenskii. Prom. energ. 11 no. 8:15-19 Ag '56.

FURNACES—GRATES
Combustion of Vorkuta coals in furnaces with a rabbling device. M. V. Marder. Bum. prom. 31 no. 9:9-10 S '56.
Setting up and repairing of nonstiffing chain grate furnaces. P. F. Kuznetsov. Sakh. prom. 30 no. 7:23-25 Jl '56.

FURNACES, HEAT TREATING
Modern automatic and mechanized equipment for annealing blanks to be forged. A. M. Mansurov. Vest. mash. 36 no. 10:77-84 O '56.
Temperature control of laboratory heat-treating furnaces. A. P. Ryl'nikov. Zav. lab. 22 no. 8:999-1000 Ag '56.

FURNITURE
Useful advice. Rabotnitsa 34 no. 11:30 N '56.

FURNITURE—EXHIBITIONS see subdivision under Moscow

FURNITURE INDUSTRY
(see also subdivision under Leipzig; Leningrad; Moscow; United States)
Put progressive practices at the disposal of all enterprises. Der. prom. 5 no. 10:1-2 O '56.

FUSEL OIL
Washing fusel oil. F. A. Khshanovskii. Spirt. prom. 22 no. 3:34-36 '56.

GABBRO see subdivision under Ural Mountains

GAGES see Gauges

GALAXY see Milky Way

GALICIAN-VOLYN LOWLAND—PALEONTOLOGY, STRATIGRAPHIC
Brazhnikova, N. E., and others. [Fauna and flora of Carboniferous deposits of the Galician-Volyn Lowland] Fauna i flora kamennougol'nykh otlozhenii Galitsiisko-Volynskoi vpadiny. Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1956. 409 p. (Akademiia nauk URSR, Kiev. Institut geologicheskikh nauk. Trudy. Seriia stratigrafii i paleontologii, no. 10)

GALIN, A. F.
A unit officer presents his thesis. Vest. Vozd. Fl. 38 no. 5:83 My '56.

GALLERIES (ART) see subdivision 'Art—Galleries and museums' under Moscow; Tula

GALLIUM CHLORIDES
Study of the interaction of gallium chloride with tartaric acid and its sodium salts. G. S. Savchenko, E. V. Goncharov. Zhur. neorg. khim. 1 no. 8:1804-1825 Ag '56.

GALLS (BOTANY)
Features of the appearance and spreading of gall nematodes in greenhouses with perennial plants. Biul. Glav. bot. sada no. 24:89-95 '56.

GALVANIZING
New portable electrographic device for use in shop units V. P. Milin. Zav. lab. 22 no. 8:997 Ag '56.

GAMBUSIA
Gambusia. F. Poikanov. IUnt. nat. no. 2:32-33 My '56.

GAME PROTECTION
Protect hunting grounds. L. Golovlev. Okh. i okh. khoz. no. 10:9-10 O '56.

GAMES
Educational games in the activities of older preschool children to acquaint them with their social environment V. P. Bespalova. Uch. zap. Ped. inst. Gerts. 126:141-170 '56.
Play with us. Klub 6 no. 11:31-32 N '56.

GAMMA RAYS
Absorption of betatron bremsstrahlung in a bilaminar absorber. A. N. Orlov, G. V. Fedorov. Zhur. tekh. fiz. 26 no. 9:1991-1993 S '56.
Emission of $\gamma$-quanta on collisions of fast charged pions with nuclei. A. G. Sitenko. Dokl. AN SSSR 109 no. 6:1119-1122 Ag '56.
Investigation of the electric conductivity of insulating materials before, during, and after ionizing radiation. I. M. Rozman, K. G. TSimmer. Zhur. tekh. fiz. 26 no. 8:1661-1668 Ag '56.
K-shell gamma-ray internal conversion coefficients. L. A. Sliv, I. M. Band. Zhur. eksp. i teor. fiz. 31 no. 1: 134-136 Jl '56.
Properties of cadmium sulfide photoresistors subjected to gamma and beta radiation. S. V. Svechnikov. Zhur. tekh. fiz. 26 no. 8:1645-1650 Ag '56.

GAMMA RAYS—PHYSIOLOGICAL EFFECT
Gamma rays for destroying pupas and conserving the cocoons of silkworm. R. IA. Kipiani, T. V. TSetskhladze. Soob. AN Gruz. SSR 17 no. 7:657-662 '56.

GAMMA RAYS—TERMINOLOGY
Terminology used in gamma ray techniques. M. Sh. Vainberg. Standartizatsiia no. 4:73-74 Jl-Ag '56.

GAPON, T. I.
T. I. Gapon's work methods in blast furnace operation. N. E. Dunaev, IA. L. Troskunov. Metallurg no. 10:10-14 O '56.

GARDEN ARCHITECTURE see Landscape gardening

GARDONYI, GEZA, 1863-1922
"The stars of Eger"; a novel. Geza Gardonyi. Translated from the Hungarian. Reviewed by G. Korotkevich. Prep. ist. vshkole 11 no. 5:118-121 S-O '56.

GARLIC—THERAPEUTIC USE

Garlic and eucalyptus phytoncides in some diseases of the ear, nose and throat. E. I. Linde, V. IA. Rodina. Vest. oto-rin. 18 no. 5:97-98 S-O '56.

GARMENT CUTTING

Cutting up cloth without remnants. V. Solov'eva. Prom. koop. no. 10:16-17 O '56.

GARSHIN, VLADIMIR GEORGIEVICH, 1887-1956

Vladimir Georgievich Garshin; obituary. Vop. onk. 2 no. 4:492 '56.

GARUTE, LUCIJA

Lucija Garute's piāno concerto. S. Stumbre. Sov. muz. 20 no. 10:38-42 O '56.

GAS—STORAGE

Optimum shapes and dimensions for constant-volume steel gas tanks. V. M. Alekseev. Sbor. trud. MISI no. 10:84-117 '56.

GAS, NATURAL
(see also subdivision under China)

Avloshenko, N. I. [Planning and calculating the cost of drilling oil and gas wells] Planirovanie i uchet stoimosti bureniia neftianykh i gazovykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 105 p. (V pomoshch' ekonomicheskomu obrazovaniiu neftianikov)

Gas torches shall be extinguished. A. P. Krasnov. Neftianik 1 no. 7:31 Jl '56.

Introducing progressive methods for the exploration of gas deposits. K. A. Belov. Gaz. prom. no. 11:6-9 N '56.

Methods of determining the economic results of efficiency promotion and inventiveness. I. V. Orlov. Neftianik 1 no. 9:23-28 S '56.

Polianskii, A. P., and IU. P. Korotaev. [Exploitation of gass wells; a practical manual] Ekspluatatsiia gazovykh skvazhin; prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 230 p.

GAS, NATURAL—ANALYSIS see subdivision under Tatar A. S. S. R.

GAS, NATURAL—GEOLOGY see subdivision under Siberia, Western

GAS AND OIL ENGINES

Cross section of the distribution of fuel sprays. A. S. Lyshevskii. Nauch. trudy NPI 30:21-24 '55.

Simplified design of push rods. IA. I. Krapivnik. Sel'khozmashina no. 9:29-30 S '56.

Zhevago, K. A. [Internal combustion engines used in well drilling] Dvigateli vnutrennego sgoraniia, primeniaemye v burenii skvazhin. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 416 p.

GAS AND OIL ENGINES—HISTORY

Brief outline of the history of Russian engine design. A. A. Kutukov. Nauch. trudy NPI 30:3-19 '55.

GAS AND OIL ENGINES—OIL FILTERS

Fine filtration of lubricating oil with ASFO package elements in internal combustion engines. A. B. Kane. Energ. biul. no. 9:14-18 S '56.

GAS DISTRIBUTION

Technical and economic prerequisites for the construction of low-pressure city gas systems. P. M. Gofman-[illegible] :22-28 N '56.

GAS TURBINES
(see also subdivision under Sweden)

Possibility of using a gas cycle in atomic power plants. A. P. Salikov. Teploenergetika 3 no. 9:53-56 S '56.

Uvarov, V. V., ed. [Problems in gas turbine construction; a collection of articles] Voprosy gazoturbostroeniia; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 98 p. [MICROFILM]

GAS WELDING AND CUTTING

Device for cutting pipes. L. M. Relzin. Svar. proizv. no. 9:29 S '56.

Device for oxygen cutting of pipes to uniform length. I. A. Bazhenov. Svar. proizv. no. 9:29 S '56.

Gas cutting machine with a system of remote control by photoprinting to scale. N. A. Kapulkin. Svar. proizv. no. 9:25-27 S '56.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. [Machines for oxygen cutting] Mashiny dlia kislotnoi rezki. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1953. 121 p. (Rukovodiashchie materialy, no. 1(3))

Rybakov, V. V. [Gas welder's manual] Uchebnik gazosvarshchika. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 141 p.

GAS WELLS

Discovered free-flowing gas wells. Z. A. Sakharov. Neftianik 1 no. 9:32-33 S '56.

GASES

Demonstration of Avogardo's law. V. S. Polosin. Khim. v shkole 11 no. 5:53-56 S-O '56.

Industrial methods for isolating ethylene from refinery gases. V. M. Platonov. Khim. prom. no. 5:308-315 Jl-Ag '56.

A useful book ("Foam method for processing gases and liquids." M. E. Pozin and others. Reviewed by S. IA. Korotov). Gidroliz. i lesokhim. prom. 9 no. 5:31 '56.

GASES—ANALYSIS

Device for effecting the steady weight of filters used to determine the dust content of gases. U. D. Bregvadze. Zav. lab. 22 no. 8:1000-1001 Ag '56.

GASES—DIFFUSION see Diffusion

GASES—DRYING

Drying gas in an adsorbent moving bed. N. V. Kol'tsov. Gaz. prom. no. 11:32-36 N '56.

GASES—SPECTRA

Spectrum analysis of gases subjected to near-atmospheric pressures. O. P. Bochkova, E. IA. Shreider. Vest. Len. un. 11 no. 16:57-63 '56.

GASES, ASPHYXIATING AND POISONOUS

Exhaust system for the demonstration of experiments with toxic gases. V. I. Levashov. Khim. v shkole 11 no. 5:56-57 S-O '56.

GASES, ELECTRIC DISCHARGES THROUGH see Electric discharges through gases

GASES, INTERSTELLAR

Relation between the spatial distribution of interstellar neutral hydrogen and long-period Cepheids. G. S. Badalian. Soob. Biur. obser. no. 17:27-52 '56.

GASES, KINETIC THEORY OF

A method of obtaining nonstationary solutions of Boltzmann's kinetic equation (with English summary in insert). I. I. Moiseev-Ol'khovskii. Zhur. eksp. i teor. fiz. 31 no. 2:238-243 Ag '56.

GASES, RARE

Electron capture and ionization in the interaction of single-charge positive ions and atoms of gases. N. V. Fedorenko, V. V. Afrosimov, D. M. Kaminker. Zhur. tekh. fiz. 26 no. 9:1929-1940 S '56.

Ionization of gases by $He^+$, $Ne^+$ and $A^+$ ions resulting in the formation of multicharge ions in a single interaction. N. V. Fedorenko, V. V. Afrosimov. Zhur. tekh. fiz. 26 no. 9:1941-1954 S '56.

GASIFICATION OF COAL see Coal gasification

GASOLINE—ANALYSIS

Methods for determining the acidity of ethylated (colored) gasolines. I. P. Budarov, A. S. Riabova. Khim. i tekh. topl. no. 11:55-60 N '56.

GASOLINE CONSUMPTION OF AUTOMOBILES see Automobiles—Fuel consumption

GASOMETERS AND GASOMETRY

Rapid gasometric method in biochemical analysis. O. G. Pipik. Uch. zap. AGU no. 9:3-12 '55.

GASSERIAN GANGLION—BLOOD SUPPLY

Blood supply of the gasserian ganglion. T'u T'un-chin. Vop. neirokhir. 20 no. 4:3-6 Jl-Ag '56.

GASTRIC JUICE

Mechanism of the action of beer on gastric secr[illegible]
IU. D. Popov. Vop. pit. 15 no. 6:69-70 N-D '[illegible]
What causes heartburn. L. Shatenshtein. Nauka [illegible]
23 no. 10:64 O '56.

GASTROSTOMY see Stomach—Surgery

GAUGES

Photoelectric refraction indicator for level gauge. Frid, L. N. Martynov. Med. prom. 10 no. 3:43 '56.

GAVRILOVKA (NOVO-VORONTSOVKA DISTRICT)—CAVATIONS (ARCHAEOLOGY)

Excavations in 1951 on the ancient site of Gavrilo[illegible]
K. A. Brede. Kratk. soob. Inst. arkheol. AN URSR 33-35 '56.

GAVRUTTO, PORFIRII

"On the bank of the Dnieper." Porfirii Gavrutto. viewed by P. Vershigora. Smena 33 no. 17:22 S

GAZELLES, FOSSIL see subdivision under Apsheron Peninsula

GEAR CUTTING

Designing cylindrical pitch gears cut by standard hobbing cutters. N. P. Voskoboinikov, N. F. Kuz'[illegible]
M. M. Savin. Nauch. trudy NPI 30:53-61 '55.

GEAR-CUTTING MACHINES

Machining bevel gears by a single cutting tool. P. [illegible]
Starikov. Stan. i instr. 27 no. 9:35 S '56.

GEARING

Investigating the motion of planet wheels in planetary mechanisms. M. V. Semenov. Trudy Sem. po teor. mash. 15 no. 60:5-27 '56.

Manufacture of gears by hot rolling. N. F. Leonov. Nauch. trudy NPI 30:143-147 '55.

Minimum contact safety zone on gear wheel surfaces. N. F. Kuz'min. Nauch. trudy NPI 30:115-121 '55.

Noncircular gear wheels. F. L. Litvin. Stan. i instr. 27 no. 9:16-19 S '56.

Suggested type for a maltese cross gear. S. A. Chernov, N. V. Speranskii. Trudy Sem. po teor. mash. no. 60:28-44 '56.

Theory of automatic variable-speed drives operated the utilization of centrifugal forces of inertia. G. [illegible] Sypchenko. Nauch. trudy NPI 30:63-93 '55.

Toroid-disk gear drives. IA. I. Diker. Vest. mash. 36 no. 10:13-17 O '56.

GEARING—MEASUREMENT

Angle pitch gauge. L. M. Semenova, N. N. Markov. Stan. i instr. 27 no. 9:28 S '56.

GEESE

On passage. P. Stefarov. Smena 33 no. 10:24 O '[illegible]

Study of the embryonic development of geese. G. S. K[illegible]
Sbor. trud. Khar'. vet. inst. 20:37-41 '40.

GELATIN

Effect of gelatin on the optical sensitization of photographic emulsions. A. V. Borin, V. P. Agatiiskaia. Zhur. prikl. khim. 29 no. 9:1393-1401 S '56.

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS—DISEASES

Effect of the pasture plant Psoralea drupacea on the sexual functions of the female. V. G. Shimanov. Kar[illegible]
zver. 9 no. 5:17-20 S-O '56.

GENERATIVE ORGANS, FEMALE

Placental transplantation in the treatment of vesicogenital fistulas in women. N. E. Sidorov, N. I. Kapeliushnik. Akush. i gin. 32 no. 4:51-56 Jl-Ag '56.

GENERATIVE ORGANS, FEMALE—DISEASES

Treatment of trichomoniasis of female genitalia with liquid tar soap and hypertonic sodium chloride soluti[illegible]
E. L. Rybalka. Akush. i gin. 32 no. 4:72-74 Jl-Ag [illegible]

GENEVA—EXHIBITIONS

Ukrainian exhibition in Geneva. I. Ilyrchenko. Ukraina no. 18:11 S '56.

GENITOURINARY ORGANS—SURGERY

Infiltration anesthesia method for the anterior abdomin[illegible]
wall in gynecological surgery. V. K. Rymashevskii. Akush. i gin. 32 no. 4:64-65 Jl-Ag '56.

Local anesthesia in gynecological and obstetric surgery in the district hospital. V. I. Goremykin. Akush. i gin. 32 no. 4:66-67 Jl-Ag '56.

GEOBOTANY see Phytogeography

GEOCHEMICAL PROSPECTING

The first all-Union conference on geochemical methods of prospecting for ore deposits. A. A. Saukov. Izv. AN SSSR. Ser. geol. 21 no. 9:126-128 S '56.

Geochemical methods of prospecting for ore deposits. Bielievtsev. Geol. zhur. 16 no. 3:94-97 '56.

Peculiarities of conducting trace-metal prospecting under varying natural conditions. IU. V. Sharkov. Razved. i okh. nedr 22 no. 8:16-22 Ag '56.

GEOCHEMICAL PROSPECTING (Continued)
Results of the all-Union conference on geochemical methods of prospecting for ore deposits. V. I. Krasnikov. Razved. i okh. nedr 22 no. 7:15-25 Jl '56.

GEOCHEMISTRY
(see also subdivision under Altai Mountains; Yakutia)
Chemical processes of mineral formation in sedimentary rocks. V. V. Shcherbina. Vop. min. osad. obr. 3/4:27-38 '56.
Investigation of diagenesis. N. M. Strakhov. Vop. min. osad. obr. no. 3/4:7-26 '56.
Joint migration of substances in solid and liquid phases [with English summary in insert]. IA. I. Ol'shanskii. Geokhimiia no. 4:38-44 '56.
Main features of mineral formations in deserts. A. V. Sidorenko. Vop. min. osad. obr. 3/4:516-540 '56.
Sedimentary mineralogical and geochemical facies. G. I. Teodorovich. Vop. min. osad. obr. 3/4:30-56 '56.
Some regularities of epigenesis. L. B. Rukhin. Vop. min. osad. obr. 3/4:425-451 '56.
"Studies in the geochemistry of a landscape" by A. I. Perel'man. Reviewed by N. M. Vop. geog. no. 30: 196-199 '56.
Zonal alterations of terrigenous rocks during epigenesis and early-stage metamorphism in a geosynclinical zone. A. G. Kossovskaia, V. D. Shutov. Vop. min. osad. obr. 3/4:452-467 '56.

GEODESY
Brief news. Geod. i kart. no. 7:60-61 S '56.
Calculating the common error of a series of measurements of one quantity on the basis of errors of individual groups of measurements. L. P. Kamenskaia. Geod. i kart. no. 7:3136 S '56.
Principle tasks of standards and research stations and their role in topographic and geodetic work. Geod. i kart. no. 7:3-9 S '56.
Publicize experiences of leading workers of topographic and geodetic parties. Geod. i kart. no. 6:3-9 Ag '56.
Shchavelev, A. F. [Geodesy] Geodeziia. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 280 p.

GEODESY—ABSTRACTS
[Astronomy and geodesy; abstracts nos. 6567-7110] Referativnyi zhurnal: Astronomiia i geodeziia no. 12 D '56.

GEODESY—BIBLIOGRAPHY see Bibliography—Geodesy

GEODESY—CONGRESSES see subdivision under Brussels; Rome

GEODESY—STUDY AND TEACHING
Follow-up of materials in "Vestnik vysshei shkoly." Vest. vys. shkoly 14 no. 10:64 O '56.

GEODETIC SOCIETIES
International Geodetic Association. S. G. Sudakov. Geod. i kart. no. 6:60-76 Ag '56.

GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS
Definition of the concept of subtropics. I. M. Akhunzade. Izv. AN Azerb. SSR no. 6:19-34 Je '56.

GEOGRAPHICAL SOCIETIES—CONGRESSES
Second Congress of the Geographic Society of the U.S.S.R. E. N. Gladysheva, M. I. Semenova. Vop. geog. Kazakh. no. 1:159-174 '56.

GEOGRAPHY
Museum of Earth Sciences. K. A. Radvillovich. Vest. Mosk. un. 11 no. 6:157-160 Je '56.
Socialist organization of a territory and tasks of geography. A. V. Gedymin, K. V. Zvorykin, IU. G. Simonov. Vop. geog. no. 30:90-102 '56.

GEOGRAPHY—ABSTRACTS
[Geography; abstracts nos. 20146-22358] Referativnyi zhurnal: Geografiia no. 10 O '56.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—CONGRESSES see subdivision under India

GEOGRAPHY—PERIODICALS
(see also subdivision under Kazakhstan)
"Izvestiia" of the Komi Branch of the Geographic Society of the U. S. S. R.," volume 1, no. 1, 1951; vol. 1, no. 2, 1954; vol. 1, no. 3, 1955. Reviewed by G. D. Rikhter. Izv. AN SSSR. Ser. geog. no. 5:133-134 S-O '56.

GEOGRAPHY—PICTORIAL WORKS
Pictorial geography of the U. S. S. R., "Through Union republics." Reviewed by P. M. Lebedev. Geog. v shkole 19 no. 5:71-73 S-O '56.

GEOGRAPHY—STUDY AND TEACHING
(see also subdivision under Great Britain; India; Leningrad)
Independent work in geography in higher classes. N. P. Mislavskii. Geog. v shkole 19 no. 5:49-52 S-O '56.
Using fiction in seventh class geography lessons. A. V. Ostpova. Geog. v shkole 19 no. 5:33-36 S-O '56.
Work practice with relief maps. M. F. Krasnikov. Geog. v shkole 19 no. 5:52-53 S-O '56.

GEOGRAPHY, ECONOMIC
(see also subdivision under Siberia, Western)
Division of regions into economic districts. B. IA. Dvoskin. Izv. AN SSSR. Ser. geog. no. 3:116-123 My-Je '56.
Geographical news from abroad. Geog. v shkole 19 no. 5:67-71 S-O '56.
Geographical news from the Soviet Union. Geog. v shkole 19 no. 5:65-67 S-O '56.
The place of historical geographical analysis in the study of regional geography based on economic geography. V. K. IAtsunskii. Izv. AN SSSR. Ser. geog. no. 3:109-115 My-Je '56.
Some tasks of Soviet economic geography in the light of resolutions of the 19th Party Congress and I. V. Stalin's work "Economic problems of socialism in the U. S. S. R." A. T. Vashchenko. Dop. ta pov. L'viv. un. no. 4, pt. 2: 3-6 '53.
Statistical data in economic geography courses. IU. G. Saushkin. Geog. v shkole 19 no. 5:1-4 S-O '56.

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING
Some aspects of the professional teaching of economic geography. E. V. Knebel'sdorf and others. Uch. zap. Ped. inst. Gerts. 124:79-110 '56.

GEOGRAPHY, PHYSICAL see Physical geography

GEOLOGICAL SURVEYS
(see also subdivision under Irtysh River)
Correlations between prospecting and large-scale geological surveying in closed regions and the complexity of geological structures. V. N. Kozerenko, A. F. Mushnikov. Razved. i okh. nedr 22 no. 9:30-33 S '56.

GEOLOGICAL TIME
Epochs of mineral formation in the Pre-Cambrian. A. I. Tugarinov. Izv. AN SSSR Ser. geol. 21 no. 9:3-26 S '56.

GEOLOGY
(see also subdivision under Karaganda Basin; Mexico; Vilyuysk Basin)
Department of Geology. N. Siagaev. Vest. Mosk. un. 11 no. 6:147-149 Je '56.
The first textbook on field geology in Russian. D. P. Rozvol. Och. po ist. geol. znan. no. 5:219-227 '56.
In the Department of Geological and Geographical Sciences; regular general meeting. Vest. AN SSSR 26 no. 10:92-94 O '56.
Museum of Earth Sciences. K. A. Radvillovich. Vest. Mosk. un. 11 no. 6:157-160 Je '56.
The place of geology in the system of sciences concerning nature. A. A. Kadenskii. Uch. zap. Ped. inst. Gerts. 117:3-14 '56.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—CONGRESSES see subdivision under Mexico City; Yakutia

GEOLOGY—FIELD WORK
Kit for laboratory work in the field. D. A. Kirikov. Inform. sbor. VSEGEI no. 2:81-82 '55.

GEOLOGY—MAPS
New geological maps of the Soviet Union. E. T. Shatalov. Vest. AN SSSR 26 no. 10:28-34 O '56.

GEOLOGY—STUDY AND TEACHING
Teaching geology in secondary schools. E. P. Leonova. Uch. zap. Ped. inst. Gerts. 117:15-31 '56.

GEOLOGY, ECONOMIC
Akademiia nauk SSSR, Otdelenie geologo-geograficheskikh nauk, [Problems in the geology of agronomic minerals] Voprosy geologii agronomicheskikh rud. Moskva, 1956. 239 p.

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Caucasus; Daghestan; Dnieper Lowland; Dnieper Valley; Donets Basin; Dzungarian Ala-Tau; Fergana; Gorkiy Province; Krivoy Rog; Maritime Territory; Odessa District; Otekma Valley; Russian Platform; Sayan Mountains; Sevan, Lake; Soviet Central Asia; Tajikistan; Vilyny Basin; Vitim Valley; Volga Valley; )
Geological conditions of the sedimentary stage in the origin of salt-bearing formations. M. P. Fiveg. Vop. min. osad. obr. 3/4:235-240 '56.
Lukashev, K. I. [Principal genetic types of Quaternary deposits of the U. S. S. R.] Osnovnye geneticheskie tipy chetvertichnykh otlozhenii SSSR, Minsk, Izd-vo Belorusskogo gos. univ. im. V. I. Lenina, 1955. 256 p.
Mineral associations of Permian and Triassic deposits of the Dnieper-Donets Lowland. F. E. Lapchik. Vop. min. osad. obr. 3/4:299-307 '56.
New data on the stratigraphy of the lower Carboniferous in the eastern slope of the Baltic shield. A. I. Krivtsov. Inform. sbor. VSEGEI no. 2:40-45 '55.
Results of using geobotanical characteristics for distinguishing lithologically similar strata of different origin. A. M. Shvyrlaeva. Trudy VAGT no. 1:19-33 '55.
Types of sedimentary process and sedimentary rock formations. Article 2. N. M. Strakhov. Izv. AN SSSR. Ser. geol. 21 no. 8:29-60 Ag '56.

GEOLOGY, STRUCTURAL
(see also subdivision under Carpathian Mountains; Caucasus, Northern; China; Russia, Southern; Transbaikalia)
Azhgirei, G. D. [Structural geology] Strukturnaia geologiia. [Moskva] Izd-vo Moskovskogo univ., 1956. 492 p.
Correlations between prospecting and large-scale geological surveying in closed regions and the complexity of geological structures. V. N. Kozerenko, A. F. Mushnikov. Razved. i okh. nedr 22 no. 9:30-33 S '56.
Geomorphological methods of prospecting for mineral deposits. I. I. Kozhevnikov, IU. A. Meshcheriakov. Priroda 45 no. 11:25-37 N '56.
Mechanisms in the formation of complex tectonic profiles. M. V. Gzovskii. Razved. i okh. nedr 22 no. 7: 1-14 Jl '56.
Possibilities of using geobotanical characteristics for detecting salt dome structures. A. M. Shvyriaeva, L. M. Starikova. Trudy VAGT no. 1:82-88 '55.

GEOMETRY
Andreev, P. P. [A course in elementary geometry for technical schools] Kurs elementarnoi geometrii dlia tekhnikumov. Izd. 3-e. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 240 p.
Golovina, L. I., and I. M. IAglom. [Induction in geometry] Induktsiia v geometrii. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 98 p. (Populiarnye lektsii po matematike, no. 21)
Lobachevskii, N. I. [Selected works on geometry] Izbrannye trudy po geometrii. Red. P. S. Aleksandrova i dr. Kommentarii V. F. Kagana i dr. Moskva, Izd-vo Akademii nauk SSSR, 1956. 595 p. (Klassiki nauki)
Possibility of solving problems in plotting with one compass having a limited jaw span. A. N. Kostovskii. Dop. ta pov. L'viv. un. no. 4, pt. 2:59 '53.

GEOMETRY, ALGEBRAIC
Shilov, G. E. [Introduction to the theory of linear spaces] Vvedenie v teoriiu lineinykh prostranstv. Izd. 2-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 303 p.

GEOMETRY, ANALYTIC
Petotskii, M. V. [Analytical geometry of planes] Analiticheskaia geometriia na ploskosti. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 446 p.

GEOMETRY, DESCRIPTIVE
Conference of descriptive geometry teachers. A. A. Gulisashvili. Vest. vys. shkoly 14 no. 10:33-35 O '56.

GEOMETRY, DIFFERENTIAL
"Course in differential geometry." A. V. Pogorelov. Reviewed by N. V. Efimov. Usp. mat. nauk 11 no. 4: 227-229 Jl-Ag '56.

GEOMETRY, NON-EUCLIDEAN
Delone, B. N. [Elementary proof of the noncontradictoriness of Lobachevskii planimetry] Elementarnoe dokazatel'stvo neprotivorechivosti planimetrii Lobachevskogo.] Moskva, Gos. izd-vo tekhiko-teoret. lit-ry, 1956. 139 p.

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICS
(see also subdivision under Indonesia)
International Geophysical Year. V. V. Fedynskii. Fiz. v shkole 16 no. 5:3-11 S-O '56.

GEORGE, DOLGORUKII, 1090-1157
"Iurii Dolgorukii." A. IAnovskii. Reviewed by M. E. Solov'ev. Prep. ist. v shkole 11 no. 5:112-116 S-O '56.

GEORGIA—CORN (MAIZE)
Obtaining two corn harvests per year. G. G. Kruashvili. Soob. AN Gruz. SSR 17 no. 7:649-656 '56.

GEORGIA—LIZARDS
Gymnodactylus caspius in Georgia. L. M. Chkhaidze. Priroda 45 no. 10:114 O '56.

GEORGIA—MOTION PICTURES, MUSICAL
"Song of Eteri"; a Georgian film. G. Toradze. Sov. muz. 20 no. 10:119-121 O '56.

GEORGIA—MOUNTAIN ROADS
Wintertime road maintenance in high mountains. G. T. Kopaleishvili, M. I. Bisseishvili. Avt. dor. 19 no. 9: 16-17 S '56.

GEORGIA—PEASANTRY
The rural commune and class differentiation of the peasantry in prereform eastern Georgia. A. IA. Pantskhava. Ist. zap. 56:186-205 '56.

GEORGIA—PELLAGRA
Liquidation of pellagra in Georgia. V. V. Efremov, I. T. Berulava. Vop. pit. 15 no. 5:26-31 S-O '56.

GEORGIA—VITICULTURE
Work of the Institute of Viticulture and Wine Making of the Academy of Sciences of the Georgian S.S.R. M.A. Ramishvili. Vin.SSSR 16 no.5:55-56 '56.

GEORGIA—VOLCANOES
Volcanoes and pseudovolcanoes. L.I. Maruashvili. Priroda 45 no.10:92-93 O '56.

GEORGIAN PROVERBS see Proverbs, Georgian

GERASIMOV, ALEKSANDR MIKHAILOVICH, 1884-
For 50 years. V. Meshkov. Ogonek 34 no.42:20 O '56.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—ARTICLE
The article in German. O.I. Moskal'skaia. Inostr. iaz. v shkole no.5:17-37 S-O '56.

GERMAN LANGUAGE—GRAMMAR
Belostotskaia, O.M., and E.IU. Mazurskaia. [Textbook of the German language for technical schools] Uchebnik nemetskogo iazyka dlia tekhnikumov. Moskva, Izd-vo lit-ry na inostrannykh iazykakh.
Pt.2. 1956. 221 p.
New German language textbook for the fifth grade; survey of teachers' letters. A.A. Miroliubov. Inostr. iaz. v shkole no.5:83-90 S-O '56.

GERMAN LANGUAGE—OLD HIGH GERMAN
"Old High German dictionary" [in German]. Reviewed by V.M. Zhirmunskii. Vop. iaz. 5 no.5:145-148 S-O '56.

GERMAN LANGUAGE—STUDY AND TEACHING
Teaching German to students from the ten-year schools. I.P. Organova. Sred. spets. obr. no.10:24-29 O '56.
"Teaching how to translate from German into Russian in class nine of the secondary school." O.D. Kashchenko. Reviewed by N.I. Gez. Inostr. iaz. v shkole no.5:101-106 S-O '56.

GERMAN LANGUAGE—SYNTAX
Consultation. Inostr. iaz. v shkole no.5:114-121 S-O '56.

GERMANIUM
Temperature-composition dependence of the lifetime of unbalanced charge carriers in germanium [with English summary in insert]. E.I. Adirovich, G.M. Guro, V.F. Kuleshov. Zhur. eksp. i teor. fiz. 31 no.2:261-272 Ag '56.

GERMANIUM—ELECTRIC PROPERTIES
Changes in the electric conductivity of germanium subjected to external electric fields. V.I. Liashenko, R.O. Litvinov. Ukr. fiz. zhur. 1 no.2:143-150 Ap-Je '56.
Electron-hole transition breakdown in germanium subjected to impact voltages. A.P. Shotov. Zhur. tekh. fiz. 26 no.8:1634-1645 Ag '56.

GERMANIUM CRYSTALS
Electronographic study of the degree of perfection of germanium single crystals. S.A. Semiletov, Z.G. Pinsker. Kristallografiia 1 no.2:209-213 '56.
Formation of crystal lattice defects in germanium due to bombardment by fast electrons. V.S. Vavilov and others. Zhur. tekh. fiz. 26 no.9:1865-1869 S '56.

GERMANIUM HALIDES—SPECTRA
Characteristics of the fine structure of the K-absorption edge of germanium halide molecules. K.I. Narbutt. Izv. AN SSSR. Ser. fiz. 20 no.7:780-783 Jl '56.

GERMANY—OTORHINOLARYNGOLOGY—ABSTRACTS
Review of abstracts from the magazine "Monatsschrift für Ohrenheilkunde und Laryngo-Rhinologie" [Monthly journal of otorhinolaryngology] for 1955. L.I. Pressman. Vest. oto-rin. 18 no.5:71-75 S-O '56.

GERMANY—ROAD MACHINERY
Foreign vibration surface soil compaction machines. I.V. Stroi. i dor. mashinostr. 1 no.10:34-37 O '56.

GERMANY—SONAR IN FISHING
New German fish-locating devices. N.I. Denisov. Ryb. khoz. 32 no.10:68-74 O '56.

GERMANY—WORLD WAR, 1939-1945—PRISONERS AND PRISONS, RUSSIAN
People with a hard lot. M. Ignatov. Smena 33 no.21: 16-17 N '56.

GERMANY, EAST
Young Germany. Smena 33 no.19:11 O '56.

GERMANY, EAST—AERONAUTICS, COMMERCIAL
Commercial aviation in East Germany. A. Turanov. Grazhd. av. 13 no.9:38-39 S '56.

GERMANY, EAST—BIBLIOGRAPHY (THEORY, METHODS, ETC.)
A single plan for bibliographic work in the German Democratic Republic. L.V. Belikov, H.T. Utkin. Sov. bibl. no.43:81-84 '56.

GERMANY, EAST—CATALOGS, COMMERCIAL
[German export.] Nemetskii eksport nos.10-11 O-N '56.

GERMANY, EAST—COMMERCE
[German export.] Nemetskii eksport nos.10-11 O-N '56.

GERMANY, EAST—DESCRIPTION AND TRAVEL
With our friends beyond the Oder; photos. H. Lazebnyk. Zmina no.10:14-15 O '56.

GERMANY, EAST—ECONOMIC CONDITIONS
The contribution to the cause of peace. Erwin Beckir. Ogonek 34 no.41:4 O '56.
Kharakhash'ian, G.M. [The economy of the German Democratic Republic is expanding] Ekonomika Germanskoi Demokraticheskoi Respubliki na novom pod"eme. Moskva, Izd-vo "Znanie," 1956. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 50)

GERMANY, EAST—LABOR PRODUCTIVITY
Labor productivity and wages. Otto Lehmann. Vsem. prof. dvizh. no.9:28-30 S '56.

GERMANY, EAST—MILITARY OCCUPATION
Abroad. A. Nabokikh. Voen. znan. 31 no.8:6-7 Ag '56.

GERMANY, EAST—MUSIC—PERIODICALS
In music journals. Sov. muz. 20 no.10:143-145 O '56.

GERMANY, EAST—PACKING HOUSES—EQUIPMENT AND SUPPLIES
Machine for removing swine hides. N. Alekseev. Mias. ind. SSSR 27 no.5:62-63 '56.

GERMANY, EAST—PARQUET FLOORS
Manufacture of hardwood flooring (from "Holz als Roh- und Werkstoff" no.1, '56). Der. prom. 5 no.10:31-32 O '56.

GERMANY, EAST—ROAD CONSTRUCTION
Designing roads with antiheaving features. A.P. Buloin, G.L. Shapiro (from "Strasse und Brücke," no.1, 1956). Avt. dor. 19 no.9:28 S '56.

GERMANY, EAST—SCHOOL DISCIPLINE
Developing self-discipline in students. H. Stanelle. Sov. pedag. 20 no.11:99-105 N '56.

GERMANY, EAST—TELEPHONE, WIRELESS
Decimetric wave radiotelephone (from "Radioamator," no.11 1955). Radio no.10:54 O '56.

GERMANY, EAST—WAGES
Labor productivity and wages. Otto Lehmann. Vsem. prof. dvizh. no.9:28-30 S '56.

GERMANY, WEST—AIR FORCE
Rebirth of the air force in West Germany. I.I. Evgen'ev. Vest. Vozd. Fl. 39 no.6:88-91 Je '56.

GERMANY, WEST—AUTOMOBILES—ENGINES
Construction of a series of Dietz engines. A.A. Fomin. Avt. i trakt. prom. no.9:40-42 S '56.

GERMANY, WEST—BLAST FURNACES
Improvement of converter plants operated by using pure oxygen. (From foreign journals). D. Benevolenskii. Stal' 16 no.9:856 S '56.

GERMANY, WEST—COAL MINES AND MINING
Coal mining in the German Federal Republic. B.M. Kosminskii. Ugol' 31 no.9:41-46 S '56.

GERMANY, WEST—COST AND STANDARD OF LIVING
How to be thrifty. Nov. vrem. 14 no.46:22 N '56.

GERMANY, WEST—DEFENSES
Herr Blank's "Köpenick." L. Bezymenskii. Nov. vrem. 14 no.44:26-27 O '56.

GERMANY, WEST—ECONOMIC POLICY
State-monopoly capitalism in Western Germany. E. Khmel'nitskaia. Vop. ekon. no.10:91-96 O '56.

GERMANY, WEST—ELECTRIC NETWORKS
Electric networks in the German Federal Republic. G.V. Serbinovskii. Energetik 4 no.10:7-12 O '56.

GERMANY, WEST—FOREIGN RELATIONS—FRANCE
False thesis. Nov. vrem. 14 no.43:19-20 O '56.

GERMANY, WEST—HISTORY—PERIODICALS
Paging through West German historical journals. L.V. Mikhailova. Vop. ist. no.9:213-218 S '56.

GERMANY, WEST—MATERIAL HANDLING
Container reptiable "Hermann Waldner." (from "Containers," v.VI, no.15 '56). Zhel. dor. transp. 38 no.10:94 O '56.

GERMANY, WEST—MILITARY BASES, AMERICAN
"Touchy coexistence." Nov. vrem. 14 no.43:20-21 O '56.

GERMANY, WEST—NAVY
Rebirth of the German Navy. IU. Nolin. Sov. mor. 16 no.9:19 My '56.

GERMANY, WEST—PHYSICS—STUDY AND TEACHING
Teaching of physics in the German Democratic Republic. Horst Weiss. Fiz. v shkole 16 no.5:44-50 S-O '56.

GERMANY, WEST—POLITICS AND GOVERNMENT
New forces. Nov. vrem. 14 no.45:16 N '56.

GERMANY, WEST—RAILROADS—STATIONS
Infra red installation at railway station. (from "Engineer," no.5217, I, '56). Zhel. dor. transp. 38 no.10:94 O '56.

GERMANY, WEST—STEEL—METALLURGY
Vacuum degassing of steel in the production of large forgings. (From "Stahl und Eisen," no.2, 1956). Stal' 16 no.9:854-858 S '56.

GERMINATION
Effect of various factors during preplanting germination on the further development and yielding ability of potatoes. V.A. Kosmortov. Trudy Komi fil. AN SSSR no.2:91-98 '54.
Seasonal characteristics of the germination energy of tree and shrub seeds. I.I. Starchenko. Bot. zhur. 41 no.9:1355-1359 S '56.

GEYSERS
Fluorine content in thermal springs [with English summary in insert]. A.A. Alekseev. Geokhimiia no.4:58-63 '56.

GHETTO see subdivision 'Jews' under Ukraine

GIN (COTTON MACHINERY) see Cotton gins and ginning

GINSENG see subdivision under Caucasus, Northern

GIRAFFES see subdivision under Leningrad

GIRDERS
Approximation method for calculating free frames. S.A. Rivkin. Nov. v stroi. tekh. no.7:178-190 '55.
Bending of prismatic I-beams. M.S. Sarkisian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no.7:61-77 '56.
Calculating girders on elastic supports by the method of gradual approximation. B.P. Khakalo. Nov. v stroi. tekh. no.7:145-164 '55.
Calculations of steel girders subjected to initial eccentric compression. P.F. Drozdov. Sbor. trud. MISI no.10: 116-145 '56.
Effect of deformation of the lower chord on the failure of wooden beams. A.F. Bogdanovich. Trudy MIIT no.64/66:22-26 '56.
Eliminating cracks in prestressed bridge girders. S.A. Ratushnyi. Avt. dor. 19 no.9:7-8 S '56.
Experimental investigation of stresses in an experimental bridge girder and bridge span in use made of prestressed reinforced concrete with heavy reinforcement bundles. E.A. Troitskii. Trudy TSNIIS no.19: 209-332 '56.
Graphoanalytical method for calculating the optimum height of varying cross-section steel girders used in bridge construction. V.V. Zakharov. Sbor. trud. MISI no.10:167-183 '56.
Investigation of strain in thin-walled reinforced concrete girders having prestressed lateral reinforcements and clamps. D.A. Grigor'ev. Trudy TSNIIS no.19:110-176 '56.

DERS (Continued)
orenev, B. G., and M. N. Ruchimskii. [Some problems of dynamic stresses in girders with an elastic support] Nekotorye zadachi dinamiki balok na uprugom osnovanii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 42 p. (Moscow, TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. Nauchnoe soobshchenie, no. 20)
restressed reinforced concrete cantilever trusses for bridges. V. I. Gnedovskii. Trudy TbIIZHT no. 22: 15-42 '56.
restressed reinforced concrete girders for use in roofs of industrial buildings. Sh. I. Mints. Bet. i zhel.-bet. no. 10:351-353 O '56.
roblem of determining the epure of moments for continuous reinforced concrete girders under conditions of least metal consumption. A. M Ovechkin. Trudy MIIT no. 84/85:29-44 '56.
tability and strength of elastic reinforced concrete elements in the prestressing process. V. A. Slovinskii. Bet. i zhel.-bet. no. 10:353-358 O '56.
heory of destruction of statically indeterminate systems subjected to cyclic sign-changing or alternating loads. N. S. Streletskii. Sbor. trud. MISI no. 10:4-57 '56.

DERS—STANDARDS
election of dimensional series for assorted metal girders. G. M. Kovelman. Standartizatsiia no. 4:7-11 Jl-Ag '56.

SAR VALLEY—GRAPES—VARIETIES
elect better grape varieties for vineyards of the Gissar Valley. Kh. S. IUsupov. Vin. SSSR 16 no. 5:27-29 '56.

ACIERS see subdivision under Dzungarian Ala-Tau; Trans-Ili Ala-Tau

ADIOLUS
haracteristics of gladiolus nutrition. E. Z. Mantrova. Biul. Glav. bot. sada no. 24:64-70 '56.

ANDS
legenerative processes in the digestive glands during secretion. M. A. Guberniev, I. G. Kovyrev. Uch. zap. MGPI 84:95-109 '55.

ANDS, SALIVARY see Salivary glands

ASS
luminate glasses and their use as jewels in the watch industry. IU. V. Rogozhin. Trudy VNIIStekla no. 36: 112-115 '56.
leating glass and ceramic vessels by semiconducting films. A. IA. Kuznetsov, A. V. Kruglova, B. P. Kryzhanovskii. Zav. lab. 22 no. 8:993-995 Ag '56.
Precision casting using glass coated investment patterns. (from "The Iron Age" no. 10, 1956). N. T. Romanovskii. Lit. proizv. no. 9:32 S '56.
Prianishnikov, V. P. [Quartz glass] Kvartsevoe steklo. Pod red. A. S. Sokolova. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 70 p.

ASS—ELECTRIC PROPERTIES
Characteristics of the temperature dependance of dielectric losses following the polarization of ionic compounds. N. P. Bogoroditskii, I. D. Fridberg. Zhur. tekh. fiz. 26 no. 9:1884-1889 S '56.
Dielectric losses in glasses. Part 2. Investigation of the electric and physical properties of sodium aluminosilicate glasses. N. M. Verebeichik, V. I. Odelevskii. Zhur. tekh. fiz. 26 no. 8:1696-1703 Ag '56.
Dielectric losses in glasses. Part 3. Relaxation "high-temperature" dielectric losses in alkali glasses. N. M. Verebeichik, V. I. Odelevskii. Zhur. tekh. fiz. 26 no. 8:1704-1713 Ag '56.

LASS—SPECTRA
Infrared spectra and their relation to the structure of sodium silicate glasses. V. A. Florinskaia, R. S. Pechenkina. Opt. i spektr. 1 no. 5:690-700 S '56.

LASS—TESTING
Method for determining the resistance to surface cracking (silver stability) of organic glass. I. A. Monakhov. Zav. lab. 22 no. 8:999-902 Ag '56.

LASS ELECTRODES see Electrodes, Glass

ILASS FIBERS
Increasing strength of glass fibers used in highly humid air. N. V. Solomin, T. M. Barbarina, V. A. Rinkov. Trudy VNIIStekla no. 36:95-105 '56.

ILASS FIBERS—HYGIENIC ASPECTS
Hygienic characteristics of working conditions in the glass fiber industry. N. I. Sadkovskaia. Gig. i san. 21 no. 8:52-54 Ag '56.

ILASS MANUFACTURE
Atomatic flame direction-changers used in glassmaking furnaces. M. A. Zozin. Trudy VNIIStekla no. 36: 126-133 '56.
Comparing data on the crystallization and viscosity of the most efficiently composed industrial glasses used in the vertical drawing of sheet glass. M. V. Okhotin, R. S. Levina. Trudy VNIIStekla no. 36:3-19 '56.
Controlling speeds and calculating the output of sheet glass manufactured by drawing and rolling methods. V. G. Gulop. Trudy VNIIStekla no. 36:115-125 '56.
Designing electric glassmaking furnaces. M. G. Stepanenko, V. M. Lur'e. Trudy VNIIStekla no. 36:51-70 '56.
Efficient use of fuel in its gasification at glass manufacturing plants. D. B. Ginzburg. Leg. prom. 16 no. 9: 6-9 S '56.
Investigating the performance of the VVS machines at high speeds in the Bytoshevskiy and Chagodoshchenskiy glass works. M. P. Orlova, V. N. Sesorova, I. D. Tykachinskii. Trudy VNIIStekla no. 36:82-94 '56.
Manufacturing ornamental glass tiles. M. A. TSaritsyn, I. G. Bazhbeuk-Melikova. Trudy VNIIStekla no. 36: 106-111 '56.
Using hot blast under the fire grates of gas generators in glass factories. S. A. Kariavin. Trudy VNIIStekla no. 36:71-81 '56.

GLASS MANUFACTURE—CHEMISTRY
Certain data on the chemistry of colored glass prepared by M. V. Lomonosov. IU. V. Morachevskii, R. A. Shtrikhman. Zhur. prikl. khim. 29 no. 9:1432-1435 S '56.
Effect of lithium oxide on physicochemical properties of aluminosilicate glass. S. K. Dubrovo, IU. A. Shmidt. Zhur. prikl. khim. 29 no. 4:557-560 Ap '56.
Investigating the linear velocity and temperature of the upper crystallization range in silica glasses containing $B_2O_3$. M. V. Okhotin, R. S. Levina. Trudy VNIIStekla no. 36:20-26 '56.
Some new data on the Raman spectra of two-component glasses. IA. S. Bobovich, T. P. Tulub. Zhur. fiz. khim. 30 no. 7:1578-1580 Jl '56.
Surface tension of glass at the softening temperature [with English summary in insert]. M. A. Dolov. Zhur. fiz. khim. 30 no. 7:1579-1583 Jl '56.
Tagged atoms for investigating the chemical stability of glass in ferric chloride solutions. IU. V. Rogozhin. Trudy VNIIStekla no. 36:39-42 '56.

GLASS PAINTING AND STAINING
An art which ornaments life. L. Solov'ev. Neva no. 9: 163-165 S '56.

GLAUCONITE
(see also subdivision under Ukraine; Volga Valley)
Lvov glauconite as a base for water softening and paint production. O. I. Komlev. Dop. ta pov. L'viv. un. no. 3, pt. 2:38 '52.
Nomenclature and classification of glauconite. E. K. Lazarenko. Vop. min. osad. obr. 3/4:345-379 '56.
Remarks concerning the article of M. G. Diadchenko and A. IA. Khatuntseva "Formation of glauconite in continental conditions." Reviewed by L. I. Kartakin, N. V. Logvinenko. Zap. Vses. min. ob-va 85 no. 3:450-452 '56.

GLAZES
New glaze for porcelain. P. P. Budnikov, IU. G. Shteinberg. Zhur. prikl. khim. 29 no. 9:1305-1309 S '56.

GLAZING
Zel'tser, R.S. [Progressive glazing methods] Peredovye metody proizvodstva stekol'nykh rabot. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 47 p. (Novatory stroitel'noi industrii)

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936
A. K. Glazunov's manuscript legacy. A. S. Liapunova. Sbor. [Len.] pub. bibl. 3:103-121 '55.

GLIDERS (AERONAUTICS)
(see also subdivision under Italy; Yugoslavia)
Sh-18 glider. B. Sheremetev. Kryl. rod. 7 no. 9:13-14 S '56.

GLIÈRE, REINHOLD MORITSEVICH, 1875-1956
R. Glière, musician, teacher, and friend. B. Liatoshinskii. Sov. muz. 20 no. 10:12-17 O '56.

GLINKA, MIKHAIL IVANOVICH, 1804-1857
A catalog of the M. I. Glinka archives. A. S. Liapunova. Sbor. [Len.] publ. bibl. no. 2:187-234 '54.
Manuscript sources of M. I. Glinka's opera "Ivan Susanin." A. S. Liapunova. Sbor. [Len.] publ. bibl. no. 2:109-126 '54.

GLOBES see subdivision under Maragha

GLUE
Fedoniuk, V.G. [Methods of gluing parts of sewn goods] Metody kleevogo soedineniia detalei shveinykh izdelii. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 89 p.

GLUING
Gluing parts in repairing building machinery. V. P. Gorbunov. Transp. stroi. 6 no. 9:28-29 S '56.
Wood gluing using thermosetting adhesives in high-frequency current fields. I. F. Kanashevich. Der. prom. 5 no. 10:17-18 O '56.

GLUTAMIC ACID
Use of glutamic acid and characteristics of excretion of certain amino acids in Down's disease. T. N. Volkova, V. Ruskikh. Zhur. nevr. i psikh. 56 no. 9:750-756 '56.

GLYCINE
Reaction of glycol with phosphomolybdic acid. N. A. TSvetkov, V. A. Konyshev. Zhur. ob. khim. 26 no. 9: 2555-2559 S '56.

GLYCOGEN
Effect of dimedrol on carbohydrate metabolism. E. L. Pravotorova. Biul. eksp. biol. i med. 42 no. 8:59-61 Ag '56.
Histochemical examination of the glycogen content of the human placenta at various stages of pregnancy. S. S. Kasab'ian. Akush. i gin. 32 no. 4:17-20 Jl-Ag '56.
Study on the toxic effect of tetracyclines upon the animal organism [with summary in French, p. 63]. M. A. Guberniev and others. Antibiotiki 1 no. 4:18-20 Jl-Ag '56.

GLYCOLIC ACID
Substituted hydrazides of oxycarboxylic acids. Part 1. Synthesis of arylhydrazides of diarylglycolic acids. I. S. Berdinskii, P. A. Petiunin. Zhur. ob. khim. 26 no. 9:2592-2595 S '56.

GLYCOLS
The effect of oxyethylated polymer destillate on the skin and its use as a detergent in the chemical industry. N. S. Sorinson, V. G. Smirnova. Gig. i san. 21 no. 10: 26-29 O '56.
Effect of the structure of $\alpha$-glycols of acetylene series on their conversion. E. D. Venus-Danilova, L. A. Pavlova, A. Fabritsy. Vest. Len. un. 11 no. 16:117-125 '56.
Synthesis of hydrocarbons. Part 55. Diacetates of saturated 1,4-diols. R. IA. Levina, IU. S. Shabarov. Vest. Mosk. un. 11 no. 6:61-66 Je '56.

GLYCOSIDES
Ban'kovskii, A. I., and others. [Hoary crysimum] Zheltushnik seryi. Pod red. N. IA. Itskova, i A. D. Turovol. Moskva, Medgiz, 1953. 126 p. (DAFM)

GOATS see subdivision under Kharkov Province

GOETHE, JOHANN WOLFGANG von, 1749-1832
Goethe's "Faust" in the light of the historical change between the 18th and 19th centuries. B. IA. Geiman. Uch. zap. Ped. inst. Gerts. 121:43-94 '55.

GOGEBASHVILI, IAKOV SEMENOVICH, 1840-1912
Lordkipanidze, D.O. [A classic figure of Georgian pedagogy, IAkov Gogebashvili] Klassik gruzinskoi pedagogiki IAkov Gogebashvili. Tbilisi, Nauchno-issledovatel'skii institut pedagogicheskikh nauk Ministerstva prosveshchenila Gruzinskoi SSR, 1952. 130 p.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852
Belinskii, V.G. [Letter to Gogol] Pis'mo k Gogoliu. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 27 p.

GOITER
(see also subdivision under Ural Mountain region)
Iodine prevention of endemic goiter. I. D. Korabel'nikov. Probl. endok. i gorm. 2 no. 4:120-121 Jl-Ag '56.
Late results of surgery in euthyroid and hyperthyroid goiters; data from a surgical ward in Stalino Province. R. V. Bogoslavskii, L. G. Smolisk. Probl. endok. i gorm. 2 no. 4:42-44 Jl-Ag '56.
Significance of fluorine in potable water in the development of endemic goiter. S. N. Cherkinskii, R. M. Zaslavskaia. Probl. endok. i gorm. 2 no. 4:70-75 Jl-Ag '56.

GOLD PLATING
Ferrocyanide electrolytes for gold plating. V. L. Kheifets, E. I. Antonovskaia. Zhur. prikl. khim. 29 no. 4: 595-600 Ap '56.
Solid gold plating. N. P. Fedot'ev, N. M. Ostroumova, P. M. Vlacheslavov. Zhur. prikl. khim. 29 no. 4: 489-492 Ap '56.

GOLODNAYA STEPPE—IRRIGATION
Irrigation of the Golodnaya Steppe. Khlopkovodstvo 6 no. 10:6-12 O '56.

GOLODNAYA STEPPE, NORTHERN see Bet-Pak-Dala

GOLOVIN, ALEKSANDR IAKOVLEVICH, 1863-1930
Outstanding master of stage painting. B. Al'medingen. Neva no. 9:172-175 S '56.

GOLUBEV, M. F.
Over the sea at night. Vest. Vozd. Fl. 39 no. 6:80 Je '56.

GOLUBEVA, LILIIA
The girl from Mednoye. N. Granov. Mol. kolkh. 23 no. 10:30 O '56.

GONCHAROVKA (IZYUM DISTRICT)—STONE IMPLEMENTS
Treasures of flint objects from Goncharovka. S. N. Odintsova. Krat. soob. Inst. arkheol. AN URSR no. 6: 43-46 '56.

GORIACHKIN, VASILII PROKHOROVICH, 1868-1935

Maisepuro, M. E. [Productive application of Academician V. P. Goriachkin's teachings in research on the mechanization of agriculture] Tvorcheskoe primenenie uchenila akademika V. P. Goriachkina v nauchnykh issledovaniiakh po mekhanizatsii sel'skogo khoziaistva. Minsk, Izd-vo Akademii nauk BSSR, 1956. 207 p.

GOR'KII, MAKSIM, 1868-1936

At Manuylovka, the village of Gor'kii. A. Nimenko. Sov. Ukr. 6 no. 9:188-190 S '56.

[Gor'kii and the problems of Soviet literature; a collection of articles] Gor'kii i voprosy sovetskoi literatury; sbornik statei. Leningrad, Sovetskii pisatel', 1956. 482 p.

Guests of A. M. Gor'kii. M. Stepanov. Sov. mor. 16 no. 9:10-11 My 56.

In memory of A. M. Gor'kii. Vest. AN SSSR 26 no. 9:118-121. S '56.

Ivashin, V. V. [M. Gor'kii and White Russian literature at the beginning of the 20th century] M. Gor'kii i belorusskaia literatura nachala XX veka. Minsk, Izd-vo Akademii nauk BSSR, 1956. 197 p.

M. Gor'kii and Czech culture (from pre-October documents). Sh. Sh. Bogatyrev. Vest. AN SSSR 26 no. 9:78-84 S '55.

Maksim Gorkii and the Finns. Arvo Turtiainen. Na rub. 17 no. 5:171-175 S-O '56.

Muratova, K. D. [Seminar on Gor'kii] Seminarii po Gor'komu. Leningrad, Gos. uchebno-peagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradkoe otd-nie, 1956. 275 p.

Shaliapin and Gor'kii. I. Moroz. Ukraina no. 18:6 S '56.

Through the land of the Soviets with Gor'kii. V. S. Medvedev. Nash. sovr. 3:201-215 '56.

Types of dialogue in "Enemies," a play by Gor'kii. M. B. Borisova. Uch. zap. Len. un. no. 198:96-124 '56.

GORKIY—AUTOMOBILE INDUSTRY

Research on norms at the factory. E. Gorbunov. Sots. trud. no. 4:79-83 Ap '56.

GORKIY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The very same people. P. Mokeev. Part. zhizn' no. 18: 68 S '56.

GORKIY—COMMUNIST YOUTH LEAGUE

When every man is on view. A. Osipov. Mol. komm. 14 no. 10:27-33 O '56.

GORKIY—KNIT GOODS INDUSTRY

Adopting progressive work practices with initiative. M. Moro. Prom. koop. no. 10:26-27 O '56.

GORKIY HYDROELECTRIC POWER STATION

Experience with using concrete pumps in building the Gorkiy water power development. IU. S. Lukenberg. Mekh. stroi. 13 no. 9:9-13 S '56.

Use of cranes at the site of the Gor'kiy Hydroelectric Power Station. V. I. Gliavin, V. Z. Lesnikov. Mekh. stroi. 13 no. 10:3-6 O '56.

GORKIY PROVINCE—COAL GEOLOGY

Geological structure of Gorkiy Province and adjacent regions. N. S. Il'ina, L. M. Elina, D. E. Frukht. Trudy VNIGNI no. 6:3-11 '55.

GORKIY PROVINCE—GEOLOGY, STRATIGRAPHIC

Geological structure of Gorkiy Province and adjacent regions. N. S. Il'ina, L. M. Elina, D. E. Frukht.

GOTTWALDOV, CZECHOSLOVAKIA—LABOR AND LABORING CLASSES

Things are different now. Alan Braun. Vsem. prof. dvizh. no. 9:30-32 S '56.

GOURDS see subdivision under Zhitomir

GOVERNMENT OWNERSHIP

False thesis. Nov. vrem. 14 no. 45:18 N '56.

GOVERNORS (MACHINERY)

New design of the RK complete speed governor for Kaplan turbines. I. A. Karmazin. Elek. sta. 27 no. 9: 11-13 S '56.

GRAFTING

Sleeve for grafting. A. Derin. IUn. nat. no. 3:20 Je '56.

GRAFTING OF SKIN see Skin grafting

GRAIN

(see also subdivision under Tomsk Province)

Bread for Russia. Ogonek 34 no. 43:1 O '56.

The construction of grain-growing state farms in 1928-1931. M. L. Bogdenko. Ist. zap. 56:3-25 '56.

Effect of degasified and chloropicrin-treated grain on the animal organism. E. N. Vasil'eva, V. P. Bogoroditskaia, L. P. Naumova. Vop. pit. 15 no. 5:83 S-O '56.

Experiments on interspecific vegetative hybridization of grains. L. A. Golovtsov. Agrobiologiia no. 5:55-61 S-O '56.

Let's calculate the cost of producing a centner of grain. L. Chuksin, N. Golyshev. Mol. kolkh. 23 no. 10:7 O '56.

Rich harvest. IU. Kuranov, G. Alekseev. Mol. kolkh. 23 no. 9:2-3 S '56.

Rich harvest; figures and facts. Biok. agit. vod. transp. no. 16:44-47 S '56.

The mineral composition of grain and vegetables in regions where Urov disease was detected. A. M. Kogan, E. N. Vasil'eva. Vop. pit. 15 no. 5:91-92 S-O '56.

Story about grain. IUn. nat. no. 2:2-9 My '56.

GRAIN—DISEASES AND PESTS

(see also subdivision under Stavropol Territory)

Mealy bug (Phenacoccus tergrigorianae borchs.), a grain pest of the Armenian S. S. R. M. A. Ter-Grigorian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:57-62 S '56.

Pest control and combine harvesting of grain crops. B. S. Gerasimov. Zashch. rast. ot vred. i bol. 1 no. 4:59 S-O '56.

GRAIN—DRYING

Two new drying installations. D. Denoak. Sel'khozmashina no. 9:30-31 S '56.

GRAIN—STORAGE

New type of storage for seed grain. N. Prikladov. Sel'. stroi. 11 no. 9:17-18 S '56.

GRAIN—TRANSPORTATION

Osipov, V. T. [Routing the transportation of grain and agricultural machinery] Marshrutizatsiia perevozok zerna i sel'skokhoziaistvennykh mashin. Moskva, Gos. Gos. transp. zhel-dor. izd-vo, 1956. 30 p. (DA)

Providing for the transport of the new grain harvest. Zhel. dor. transp. 38 no. 10:73-74 O '56.

GRAIN MILLING

Means for increasing the productivity of grain preparation sections in continuous heat processing of starchy raw materials. N. M. Kuznetsov. Spirt. prom. 22 no. 3:5-8 '56.

GRANITE

(see also subdivision under Knox Coast)

Distribution of titanium in granites [with English summary in insert]. L. V. Dmitriev, E. B. Znamenskii. Geokhimiia no. 4:48-40 '56.

GRAPE CULTURE see Viticulture

GRAPES

(see also subdivision under Lvov Province; Moscow Province)

Relation of the sum of active temperatures to the vegetative period. V. I. Vinnichenko. Vin. SSSR 16 no. 5:33-36 '56.

GRAPES—VARIETIES

(see also subdivision under Gissar Valley)

How to increase the yield of Kokur grapes. A. M. Zhukovskii. Vin. SSSR 16 no. 5:57 '56.

GRAPHIC ARTS

For complete flourishing of Soviet graphic arts. K. Sitnik, N. Tomskii. Kommunist 33 no. 14:61-76 S '56.

GRASSES

(see also subdivision under Pamirs)

Double-germ grass seeds. A. M. Ovesnov. Priroda 45 no. 11:111-112 N '56.

Studying the development of perennial grasses from the seed. N. K. Tatarinova. Bot. zhur. 41 no. 9:1350-1352 S '56.

Vinnichenko, E. F., and others. [Bringing wild grasses into cultivation] Vvedenie v kul'turu dikorastushchikh trav. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1956. 63 p.

GRASSES—DISEASES AND PESTS

Specialization of rust fungi on cultivated grasses of the Maritime Territory in the uredostage. Z. M. Azbukina. Bot. mat. Otd. spor. rast. 11 159-161 Ja '56.

GRAVEL

Hydromechanical mining and enrichment of sand and gravel. B. M. Shkundin. Mekh. stroi. 13 no. 9:3-9 S '56.

GRAVES see subdivision 'Tombs' under Kara-Bulak (Osh Province)

GRAVIMETER

Circulation technique for pouring over the compensating fluid in the SN-3 gravimeter. M. E. Abel'skii. Razved. i okh. nedr 22 no. 7:60-62 Jl '56.

GRAVITATION

Interplanetary voyages. F. IU. Zigel'. Fiz. v shkole 16 no. 5:91 S-O '56.

Riddle of gravitation. V. N. Gromov. Znam. sila 31 no. 10:28-30 O '56.

GRAVITY

Review and bibliography: "Speed, acceleration, pull of gravity." R. A. Stasevich, P. K. Isakov. Reviewed by M. Bogdanov. Kryl. rod. 7 no. 9:22 S '56.

"Speed, acceleration, pull of gravity." R. A. Stasevich, P. K. Isakov. Reviewed by E. B. Mikhtumov, N. M. Lysenko. Vest. Vozd. Fl. 30 no. 9:81-83 Je '56.

GRAY MULLET

(see also subdivision under Aral Sea; Caspian Sea)

Density norms for fish in tanks for transporting young mullet. A. G. Mints. Ryb. khoz. 32 no. 10:62-64 O '56.

GREAT BRITAIN—AERONAUTICS

Guests of English airmen. V. A. Sudets. Ogonek 34 no. 42:7 '56.

GREAT BRITAIN—AIRPLANES—TURBOJET ENGINES

Sportplanes with turbojet engines. Kryl. rod. 7 No. 9:23 S '56.

GREAT BRITAIN—ATOMIC WARFARE

Silent Selwyn Lloyd. Nov. vrem. 14 no. 45:17 N '56.

GREAT BRITAIN—BALLAST

Device for cleaning ballast material. (from "Ry Gaz," v. 103, no. 14 '55). Zhel. dor. transp. 38 no. 10:94 O '56.

GREAT BRITAIN—ECONOMIC CONDITIONS

Costly indulgence. Nov. vrem. 14 no. 43:16 O '56.

GREAT BRITAIN—FARM BUILDINGS

Agricultural construction in England. G. Katel'va. Sel'. stroi. 11 no. 9:28-29 S '56.

GREAT BRITAIN—GEOGRAPHY—STUDY AND TEACHING

Geography in schools of England. L. Panchoshnikova. Geog. v shkole 19 no. 5:28-32 S-O '56.

GREAT BRITAIN—INSECTICIDES

Testing new chemicals against wireworms in England and America. V. V. IAkhontov. Zashch. rast. ot vred. i bol. 1 no. 4:53 S-O '56.

GREAT BRITAIN—INSURANCE, SOCIAL

The English worker cannot live on his pension. D. Zorina. Sots. obesp. 17 no. 9:56-57 S '56.

GREAT BRITAIN—JAZZ MUSIC

A "square" and "sciffle." Russel Kay, Charlie Cutts. Mol. mira no. 9:14-16 '56.

GREAT BRITAIN—LABOR AND LABORING CLASSES

Gurovich, P. V. [Rise of the labor movement in England during 1918-1921] Pod"em rabochego dvizhenila v Anglii v 1918-1921 gg. Moskva, Izd-vo Akademii nauk SSSR, 1956. 222 p.

GREAT BRITAIN—LABOR PARTY

"Keep left!" L. Sedin. Nov. vrem. 14 no. 43:6-8 O '56.

GREAT BRITAIN—MACHINE MOLDING

Automatic production of foundry molds in English plants. IA. L. Dodin. Lit. proizv. no. 9:5-9 S '56.

GREAT BRITAIN—MATERIAL HANDLING

Pallet stacking machine. ("Ry Gaz," v. 104, no. 25, VI. '56). Zhel. dor. transp. 38 no. 10:93-94 O '56.

GREAT BRITAIN—OSCILLOGRAPH

Simultaneous reception of several oscillograms on an ordinary oscillograph (from "Wireless World," Fe 1956). Radio no. 10:55 O '56.

GREAT BRITAIN—PRINTED CIRCUITS

"Two color" printed circuits (from "The Financial Times," July 23, 1956). Radio no. 10:57 O '56.

GREAT BRITAIN—REFRACTORY MATERIALS—TESTING

Laboratory determination of the wear resistance of refractories (from "Trans. Brit. Ceramic Soc.," no. 4, 1955). S. V. Glebov. Ogneupory 21 no. 6:285-286 '56.

GREAT BRITAIN—STREET CLEANING MACHINERY

Automatic sweeper. K. Poltev, V. Denisov. Zhil.-kom. khoz. 6 no. 5:30 '56.

GREAT BRITAIN—STRIKES AND LOCKOUTS—AUTOMOBILE INDUSTRY

A strike that makes history. T. F. McWhinnie. Vsem. prof. dvizh. no. 9:16-22 S '56.

GREAT BRITAIN—SURGERY

Visiting British surgeons. P. A. Kupriianov. Vest. khir. 77 no. 9:131-142 S '56.

GREAT BRITAIN—TEXTILE MACHINERY

Improvement of automatic shuttle winders for ribbon weaving, braiding and sewing shuttles (from "Man-Made Textiles," no. 5 56, "Silk and Rayon," no. 5 '56). L. Zabelotskii. Leg. prom. 16 no. 9:56-3 of cover S '56.

GREAT BRITAIN—TRADE UNIONS—CONGRESSES

Great advances on the road to unity. T. F. McWhinnie. Vsem. prof. dvizh. no. 10:27-31 O '56.

GREECE—DESCRIPTION AND TRAVEL

Tourists at the Acropolis. Mykhailo Hrechyna. Ukraina no. 18:28-29 S '56.

GREECE—FOREIGN RELATIONS—UNITED STATES

For Mr. Allen's information. Nov. vrem. 14 no. 43: 20 O '56.

GREEN MANURING

Perennial lupine cultivation practices for green manuring. IU. N. Malygin. Ud. i ur. 1 no. 9:9-15 S '56.

GREENHOUSE MANAGEMENT

Features of the appearance and spreading of gall nematodes in greenhouses with perennial plants. Biul. Glav. bot. sada no. 24:89-95 '56.

GREKOV, IVAN IVANOVICH, 1887-1937

Lebedev, A. N. I. I. Grekov, 1887-1934. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 140 p. (Vydaiushchiesia deiateli otechestvennoi meditsiny)

GRENADIERS (FISH). see subdivision under Soviet Far East

GRIEVANCE PROCEDURES

The representative in the grievance committee. E. Lemberg. Sots. trud. no. 4:106-107 Ap '56.

GRINDING AND POLISHING

Causes of the grinding capacity decrease of abrasive during lapping operations. N. I. Bogomolov. Stan. i instr. 27 no. 9:22-23 S '56.

Honing hydraulic cylinders for the E-153 excavator. S. G. Grishkan. Strel. i dor. mashinostr. no. 9:25 S '56.

Prevention of cracking occurring while grinding heat-resistant alloys. V. A. Shal'nov. Stan. i instr. 27 no. 9:24-25 S '56.

GRINDING MACHINES

Three dimensional grinding machine. I. I. Stepanov. Stan. i instr. 27 no. 9:5-7 S '56.

GRINDING WHEELS

Casting of abrasive wheel dressers. I. IA. Libman, I. V. Kharin. Lit. proizv. no. 9:27-28 S '56.

GRIST-MILLS see subdivision 'Flour mills' under Kabul, Afghanistan

GRODNO—EDUCATION OF CHILDREN

A deputy's duty. IA. Zlotnik. Rabotnitsa 34 no. 10: 26 O '56.

GROUND TEMPERATURE see Earth temperature

GROUND WATER see Water, Underground

GROUP WORK, EDUCATIONAL AND SOCIAL see Social group work

GROUPS, THEORY OF

Classification of modular groups. I. I. Pinteiskii-Shapiro. Dokl. AN SSSR 110 no. 1:10-22 S-O '56.

Example of a finite homomorphism with a bounded summatorial function. B. M. Bredikhin. Usp. mat. nauk 11 no. 4:119-122 Jl-Ag '56.

Geometric interpretation of symmetric spaces with simple fundamental groups. B. A. Rozenfel'd. Dokl. AN SSSR 110 no. 1:23-26 S-O '56.

Lattice isomorphisms of groups with a finite rational series. A. S. Pekelis. Usp. mat. nauk 11 no. 4:143-147 Jl-Ag '56.

Theory of groups and complete selection of physical magnitudes in quantum mechanics. A. V. Sokolov, V. P. Shirokovskii. Fiz. met. i metalloved. 3 no. 1:22-25 '56.

GROUSE

Trapping capercaillies. B. Golodushko. Okh. i okh. khoz. no. 10:27 O '56.

GROWTH

Nauchnaia konferentsiia po vozrastnoi morfologii i fiziologii, 2d, 1955. [Proceedings of Second Scientific Conference on the Morphology and Physiology of Age] Trudy... Pod red. A. A. Markosiana. Moskva, Izd-vo Akademii pedagogicheskikh nauk RSFSR, 1956. 294 p.

GROWTH (PLANTS)

Characteristics of the phasic development of water melons and muskmelons. O. A. Zauralov. Agrobiologiia no. 5:144-146 S-O '56.

Phasic development of cucumbers. S. F. Vashchenko. Agrobiologiia no. 5:149-150 S-O '56.

Studying the development of perennial grasses from the seed. N. K. Tatarinova. Bot. zhur. 41 no. 9:1350-1352 S '56.

GROWTH INHIBITING SUBSTANCES

Treating tubers with chemicals. F. P. Platonov, I. A. Kobazev. Kartofel' no. 4:14-15 S-O '56.

GROWTH PROMOTING SUBSTANCES

Antibiotics as growth stimulants [with summary in French, p. 64]. Z. V. Ermol'eva and others. Antibiotiki 1 no. 4:50-52 Jl-Ag '56.

Physiological state of cuttings from nonrooting plants and the effect of growth-promoting substances. M. Kh. Chailakhian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:39-50 S '56.

GROZNYY—MEDICAL SOCIETIES

The work of the Groznyy Scientific Society of Research Physicians. A. Sultan-Shakh, O. Kudenko. Lab. delo 2 no. 5:20 S-O '56.

GROZNYY PROVINCE—PETROLEUM INDUSTRY

One can minimize losses. A. Diatlov. Mol. komm. 14 no. 10:01-02 O '56.

GROZNYY PROVINCE—SHEEP BREEDING

Prospects for increasing the production of fine wool. P. M. Malinovskii, N. A. Novikova. Ovtsevodstvo no. 9:25-27 S '56.

GUAIACOL

Quantitative determination of guaiol. A. I. Gengrinovich, IA. K. Kadyrov. Apt. delo 5 no. 5:56-59 S-O '56.

GUBIN, ALEKSANDR FEDOROVICH, 1898-1956

Professor Aleksandr Fedorovich Gubin (1898-1956); obituary. Agrobiologiia no. 5:141 S-O '56.

GUBKIN, IVAN MIKHAILOVICH, 1871-1939

Geologic and economic problems of the petroleum industry in the works of Academician I. M. Gubkin. N. I. Mordvin. Trudy VNIGNI no. 6:145-154 55.

GUDAUTA—TOBACCO INDUSTRY

Results achieved at the Gudauta Tobacco Fermenting Plant by the tongo tobacco curing method. S. G. Pipinov. Tabak 17 no. 3:28-29 '56.

GUINEA PIGS

Cardiac nerves in guinea pigs. B. M. Erez. Dokl. AN Tadzh. SSR no. 17:77-85 '56.

GULLS see subdivision under Moscow

GUL'SHIN, G.

More about stereotype ("When the leaves fall," G. Gul'shin. Book review. Druzh. nar. no. 10:186-187 O '56.

GUMENNIK, IAKOV

IAkov Gumennik. Mast. ugl. 5 no. 8:9 Ag '56.

GUMS AND RESINS

Conference on problems relative to the development and improvement of the rosin extraction industry. B. L. Smoliakov. Gidroliz. i lesokhim. prom. 9 no. 5:28 '56.

Development of the technique of producing urea-formaldehyde resins. A. A. Blagonravova and others. Khim. prom. no. 5:280-283 Jl-Ag '56.

Pine with a high resin yield. I. I. Orlov. Gidroliz. i lesokhim. prom. 9 no. 4:14 '56.

Preliminary results of the study of biosynthesis of resin with radioactive carbon. G. V. Sukhov. Gidroliz. i lesokhim. prom. 9 no. 4:17 '56.

Prospects of broadening the raw material supply for rosin and turpentine production. I. I. Bardyshev. Gidroliz. i lesokhim. prom. 9 no. 5:24-25 '56.

Rapid method for determining moisture in gum. K. A. Snesarev, M. T. Vorob'eva, A. I. Zarakovskaia. Gidroliz. i lesokhim. prom. 9 no. 4:19 '56.

Rapid method for determining the temperature of colophony softening. K. A. Snesarev, M. T. Vorob'eva, M. E. Ageev. Gidroliz. i lesokhim. prom. 9 no. 4: 17-18 '56.

Troubles caused by resin in the manufacture of paper and methods for their control. N. P. Dymarchuk and others. Zhur. prikl. khim. 29 no. 4:610-617 Ap '56.

Using tree tapping to obtain oleaster gum. I. K. Tros'ko, V. N. Danilik. Gidroliz. i lesokhim. prom. 9 no. 4:26-27 '56.

GUNPOWDER

Use smokeless powder. A. Chuvikov. Okh. i okh. khoz. no. 10:46 O '56.

GUNS see Rifles

GUNSMITHING

A blind gunsmith. N. Dmitriev. Sots. obesp. 17 no. 9: 47-49 S '56.

GURYEV—TECHNICAL EDUCATION

Olympiad of young technicians. K. F. Kislov. Fiz. v shkole 16 no. 5:96 S-O '56.

GUZENKO, IVAN GEORGIEVICH, d. 1956

I. G. Guzenko; an obituary. Svar. proizv. no. 9:30 S '56.

GYMNASIUMS see subdivision under Moscow

GYMNASTICS

Final contests in gymnastics. N. K. Popov. Teor. i prak. fiz. kul't. 19 no. 10:728-732 '56.

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGY

Collected works of the Second Obstetrical and Gynecological Hospital (Prof. František Horálek), Brno (Czechoslovakia). Reviewed by N. Aleksandrov. Akush. i gin. 32 no. 4:90-91 Jl-Ag '56.

Serebrov, A. I. [Textbook of gynecology] Uchebnik ginekologii. Izd. 5-oe., perer. i dop. [Leningrad] Medgiz, 1956. 338 p. (DAFM)

GYNECOLOGY—BIBLIOGRAPHY see Bibliography—Gynecology

GYNECOLOGY—HOSPITALS see subdivision 'Hospitals, Gynecologic and obstetric' under Tabor, Poland

GYPSUM

(see also subdivision under Dniester Valley)

Effect of Portland cement admixtures on the properties of gypsum. A. Chekhov. Stroi. mat., izdel. i konstr. 2 no. 9:32-33 S '56.

Industrial use of hydrolyzate neutralization with controlled crystallization of gypsum. I. K. Cheremukhin. Gidroliz. i lesokhim. prom. 9 no. 5:19 '56.

Neutralization of hydrolyzates with controlled crystallization of gypsum. I. I. Korol'kov, Z. A. Tiagunova. Gidroliz. i lesokhim. prom. 9 no. 5:3-5 '56.

Paraffin-gypsum mixture as a therapeutic agent. M. N. Kirillov. Veterinariia 33 no. 11:57-58 N '56.

Soil acidification in areas of the Chu Valley where vegetables and potatoes are included in crop rotations. K. A. Zorin. Trudy Otd. pochv. AN Kir. SSR no. 5:43-61 '55.

GYROSCOPE

Relay-type correction for determining gyro-horizon errors on rolling ships. O. IU. Ishlinskyi. Avtomatyka no. 3:1-13 '56.

Self-centering and balancing of a rigid rotor rotating in two elastic supports. A. S. Kel'zon. Dokl. AN SSSR 110 no. 1:31-33 S-O '56.

HABITS OF ANIMALS see Animals, Habits and behavior of

HABITUAL CRIMINALS see Recidivists

HAFNIUM

"Hafnium"; collection of articles from foreign periodicals edited by L. N. Komissarova. Reviewed by E. I. Gurovich. Zhur. neorg. khim. 1 no. 8:1931 Ag '56.

Zirconium and hafnium distribution in zircons of granitoids and metasomatites [with English summary in insert]. A. I. Tugarinov, E. E. Vainshtein, I. D. Shevaleevskii. Geokhimiia no. 4:28-37 '56.

HAGERUP, INGER (HALSØR), 1905-

Verse of Inger Hagerup ("Verse," Inger Hagerup. Reviewed by V. Morozova). Ogonek 34 no. 47:19 N '56.

HAGUE, PERMANENT COURT OF INTERNATIONAL JUSTICE

The international court on the international status of Southwest Africa. F. Ivanov. Sov. gos. i pravo no. 8: 73-81 '56.

HALIDES

Calculation of the thermodynamic constants of unsaturated halides from the EMF's and the temperature coefficients of chemical and Daniell-Jacobi cells [with English summary in insert]. B. F. Markov. Zhur. fiz. khim. 30 no. 7:1537-1539 Jl '56.

HALL EFFECT

Theory of the Hall effect in ferromagnetic materials. N. S. Akulov, A. V. Cheremushkina. Zhur. eksp. i teor. fiz. 31 no. 1:152-153 Jl '56.

HALLEY, EDMUND, 1656-1742

Outstanding English astronomer and geophysicist; on the 300th anniversary of Edmund Halley's birth. A. A. Mikhailov. Priroda 45 no. 11:69-73 N '56.

HAND—DISEASES

Penicillin-novocaine infiltration in inflammation processes in the hand and fingers. A. Abbasov. Voen.-med. zhur. no. 7:84 Jl '56.

HAND—SURGERY

Plastic resection of a giant cell tumor in a joint with preservation of joint function. L. T. Korobko. Vest. khir. 77 no. 9:114-117 S '56.

HAND TRUCKS

Hand truck for moving wine crates. M. L. Perniatina, A. N. Beresnevich. Vin. SSSR 16 no. 5:51-52 '56.

HANDBALL, FIELD see Field handball

HANDICRAFT

(see also subdivision under China)

When it snows. Klub 6 no. 11:27-28 N '56.

HANDLING OF MATERIALS see Material handling

HANOI—HOSPITALS

Soviet Red Cross hospital in Hanoi. Sov. kras. krest 6 no. 5:27 S-O '56.

HARBORS

Importance of fishing harbors for the development of fishery in Latvia. R. J. Knaps. Ryb. khoz. 32 no. 9: 24-25 S '56.

Liakhnitskii, V.E., ed. [Port hydrotechnical installations; construction and design] Portovye gidrotekhnicheskie sooruzheniia; konstruirovanie i raschet. Moskva, Izd-vo "Morskoi transport," 1956. 537 p.

Mixed output norms for mechanized loading and unloading at seaports. E. Korsakov. Sots. trud. no. 10:56-61 O '56.

Some problems in building harbor warehouses. A. Brium, A. Shaikis. Mor. flot 16 no. 10:5-8 O '56.

Teteriatnikov, M. S. [Organization of navigation and the work of harbors] Organizatsiia dvizhenita flota i raboty portov. Moskva, Izd-vo "Rechnoi transport," 1956. 355 p.

HARD FACING

Restoration of worn high-manganese steel frogs. I. M. Vagapov. Svar. proizv. no. 9:15-19 S '56.

HARDNESS

Hardness and microhardness of ferritic cast iron. K. I. Vashchenko, R. P. Todorov, P. A. Varenik. Lit. proizv. no. 4:18-23 O '56.

HARDNESS—MEASUREMENT

New techniques for fixing diamond tips on the TK-type hardness gauge. B. N. Vorontsov. Izm. tekh. no. 4: 78-79 Jl-Ag '56.

HARES see subdivision under Nenets National Area; Ukraine

HARVESTING

(see also subdivision under Kustanay Province)

Kazakhstan and the Russian Federation have reaped an unexampled harvest. Sov. Soiuz no. 11:1-2 N '56.

Most important current events. Obz. vazhn. sob. SSSR 3 no. 96:41-43 O '56.

Obtaining two corn harvests per year. G. G. Kruashvili. Soob. AN Gruz. SSR 17 no. 7:649-656 '56.

HARVESTING—SAFETY MEASURES

Sumtsov, A.S. [Fire prevention at harvest time] Pozharnaia profilaktika vo vremia uborki urozhaia. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 45 p.

HARVESTING MACHINERY

(see also subdivision under Kuban; Stavropol Territory)

Attachment to semimounted reapers used in harvesting corn tops for ensilage. V. Shalygin, P. Abramov. Kukuruza 1 no. 6:53 Ag '56.

Binding apparatus of pickup balers for hay and straw (wire binding). I. M. Zel'tserman, B. A. Popov, G. IA. IUgov. Sel'khozmashina no. 9:6-10 S '56.

Determining forces acting upon parts of the cutting apparatus in harvesting large-stemmed crops. A. K. Lolenko and others. Sel'khozmashina no. 9:19-21 S '56.

New harvesting machinery. G. D. Petrov. Kartofel' no. 4:44-46 S-O '56.

HASDEU, ALEXANDRU

History of Ukrainian-Rumanian literary ties; in connection with a gift to the Academy of Sciences of the Ukrainian S. S. R. from Jassy University. P. M. Popov. Visnyk AN URSR 27 no. 9:38-44 S '56.

HAUPTMANN, GERHART, 1862-1946—BIBLIOGRAPHY see Bibliography—Hauptmann, Gerhart, 1862-1946

HAWKING see subdivision 'Falconry' under Hungary

HAWKS

(see also subdivision under Tula Province)

Incident during a hunting trip. P. Alekseev. Okh. i okh. khoz. no. 10:61 O '56.

HAY—HARVESTING

Binding apparatus of pickup balers for hay and straw (wire binding). I. M. Zel'tserman, B. A. Popov, G. IA. IUgov. Sel'khozmashina no. 9:6-10 S '56.

Improving the STU-0,7 hay stacker. A. Pereverzev. Tekhsov. MTS 17 no. 16:1-10 Ag '56.

HAYDN, FRANZ JOSEPH, 1732-1809

A forgotten opera by Haydn. G. Filenko. Sov. muz. 20 no. 9:57-65 S '56.

HEAD—TRANSPLANTATION

Method of transplanting a second head on a frog. N. P. Sinitsyn. Biul. eksp. biol. i med. 42 no. 9:79-80 S '56.

HEALTH OF CHILDREN see Children—Care and hygiene

HEALTH RESORTS, WATERING PLACES, ETC.

(see also subdivision under Dzhalal-Abad; Kislovodsk)

Gribkov, G. M. [Basic regulations on balneological equipment in health resorts] Osnovnye polozhenita bal'neotekhnicheskikh ustroistv na kurortakh. Moskva, Medgiz, 1956. 81 p.
(DAFM)

HEARING

Impairment of the hearing apparatus in pregnancy toxicosis. K. S. Dudarev. Vest. oto-rin. 18 no. 5:98-99 S-O '56.

Morphological and functional changes in the hearing apparatus following surgery on the sympathetic trunk. I. V. Filatov. Vest. oto-rin. 18 no. 5:97 S-O '56.

HEARING—TESTING

Method of determining defective hearing. M. E. Puzrin. Vest. oto-rin. 18 no. 5:106-107 S-O '56.

HEART

Modifications of cardiac rhythm. A. P. Krotkova, N. V. Kurilov. Fiziol. zhur. 42 no. 8:648-652 Ag '56.

Polarization changes in the heart following vagal inhibition. I. A. Kedor-Stepanova and others. Fiziol. zhur. 42 no. 9:821-825 S '56.

HEART—ABNORMITIES AND DEFORMITIES

Unusual case of congenital heart defect. A. D. Dzhagarian, L. D. Krymskii. Vop. okh. mat. i det. 1 no. 5:89-91 S-O '56.

HEART—BLOOD SUPPLY

Cardiac function in experimental disorders of coronary circulation in dogs. V. G. Zhil'tsov. Fiziol. zhur. 42 no. 8:653-659 Ag '56.

Collateral circulation following isolated ligation of the anterior descending branch of the left coronary artery and in combination with irritation of peripheral segments of the vagus nerve; experimental studies with dogs. A. V. Kuz'mina-Prigradova. Biul. eksp. biol. i med. 42 no. 9:67-71 S '56.

HEART—DISEASES

"Congenital heart defects; pathology, clinical aspects, surgical treatment" by A. N. Bakulev, E. N. Meshalkin. Reviewed by IU. F. Dombrovskaia, A. A. Vishnevskii, A. M. Damir. Vest. khir. 77 no. 9:143-144 S '56.

Hellebores are a source of new cardiac remedies. I. G. Zoz. Bot. zhur. 41 no. 9:1318-1324 S '56.

Thromboembolism of the heart and of the pulmonary following surgery of the spinal cord. I. N. Vinogradova, T. M. Vikhert, E. I. Kandel'. Vop. neirokhir. 20 no. 4: 26-34 Jl-Ag '56.

HEART—INFARCTION

Care for patients with myocardial infarction. V. G. Golosova. Med. sestra. 15 no. 9:21-23 S '56.

Clinical aspects and pathogenesis of myocardial infarct. M. S. Vovsi. Klin. med. 34 no. 9:4-16 S '56.

Diagnosis of intramural infarcts of the myocardium. M. L. Soliterman. Klin. med. 34 no. 9:69-73 S '56.

Myocardial infarct according to the experience of the N. V. Sklifosovskii Institute. O. I. Glazova. Klin. med. 34 no. 9:17-23 S '56.

Observations on recurrent myocardial infarcts. A. I. Prikazchikov. Terap. arkh. 28 no. 10:39-43 '56.

Prodromal period in myocardial infarct. S. Kh. Sidorovich. Sov. med. 20 no. 9:22-30 S '56.

Prothrombin and fibrinogen levels in myocardial infract and stenocardia. V. E. Fradkina. Terap. arkh. 28 no. 6:32-39 '56.

Significance of unipolar electrocardiography in diagnosis of focal lesions of the myocardium. S. Kh. Sidorovich. Terap. arkh. 28 no. 6:43-53 '56.

Some questions in the pathogenesis, clinical aspects, and treatment of myocardial infarct. M. I. Teodori. Klin. med. 34 no. 9:23-29 S '56.

Surgical treatment of a chronic aneurysm of the heart after an infarct. B. Shpachek. Klin. med. 34 no. 9: 30-34 S '56.

Thromboembolic complications in the pulmonary artery in myocardial infarct. G. A. Raevskaia. Sov. med. 20 no. 9:16-22 S '56.

Use of dicoumarin in myocardial infarct. S. V. Shestakov. Terap. arkh. 28 no. 6:27-32 '56.

HEART—INNERVATION

Effect of Pavlov's accelerator nerve on myocardial proteins. M. F. Bondarenko, M. E. Raiskina. Biul. eksp. biol. i med. 42 no. 8:39-42 Ag '56.

HEART, ARTIFICIAL see Perfusion pump (Heart)

HEART FAILURE

Modification in the functional lability of the visual analysor during therapy of coronary insufficiency. A. P. Matusova. Terap. arkh. 28 no. 6:54-59 '56.

HEAT—CONDUCTION

Effect of heat conductivity on electric erosion in metals. A. S. Zingerman. Zhur. tekh. fiz. 26 no. 9:2008-2020 '56.

Effect of transverse magnetic fields on the heat conductivity of metals. Z. IA. Evseev. Zhur. eksp. i teor. fiz. 31 no. 2:331 Ag '56.

Experiments in determining the coefficient of heat and moisture conductivity of meat products. M. Makovozov. Mias. ind. SSSR 27 no. 5:57-59 '56.

Heat conductivity isotherms for silicon and its iron alloys at elevated temperatures. B. B. Kuprovskii, P. V. Gel'd. Fiz. met. i metalloved. 3 no. 1:182-183 '56.

Heat conductivity of commercial materials at low temperatures. N. V. Zavaritskii, A. G. Zel'dovich. Zhur. tekh. fiz. 26 no. 9:2032-2036 S '56.

Thermal conductivity and temperature diffusivity in cast iron. B. B. Kuprovskii, P. V. Gel'd. Lit. proizv. no. 9:16-18 S '56.

Thermal expansion and heat conductivity of some crystals T. A. Kontorova. Zhur. tekh. fiz. 26 no. 9:2021-2031 S '56.

HEAT—CONVECTION

Analysis of the "Two Bio technique" used in the determination of thermal constants of metals and insulating materials. E. IU. Nekhendzi. Zhur. tekh. fiz. 26 no. 8:1857-1861 Ag '56.

Free heat convection in round vertical metal pipes. V. V. Slavnov. Zhur. tekh. fiz. 26 no. 9:2002-2004 S '56.

HEAT—PHYSIOLOGICAL EFFECT

Characteristics of cardiac function in workers in a hot environment. M. K. Vitte. Fiziol. zhur. [Ukr.] 1 no. 4:48-53 Jl-Ag '55.

Effect of high environmental temperature on the development of avitaminosis B1 in white rats. A. N. Tikhomirova. Vop. pit. 15 no. 5:75 S-O '56.

HEAT—PROBLEMS, EXERCISES, ETC.

Solving problems on heat balance equations. N. N. Pospelov. Fiz. v shkole 16 no. 5:32-35 S-O '56.

HEAT—RADIATION AND ABSORPTION

Effect of irregular temperatures in gas flow on the radiant heat exchange in furnaces. N. A. Zakharikov. Vop. proizv. stali no. 3:54-73 '56.

Measurement of temperatures at high pressures as a function of radiation and some optical phenomena in gases under these conditions. IA. A. Kalashnikov, L. F. Vereshchagin. Zhur. tekh. fiz. 26 no. 8:1802-1814 Ag '56.

Thermal radiation of good conductors [with English summary in insert]. M. L. Levin. Zhur. eksp. i teor. fiz. 31 no. 2:302-310 Ag '56.

HEAT—TRANSMISSION

Heat and mass transfer in a granular layer. Part 3. Determining the coefficient of mass transfer in moving granular layers. I. V. Gusev, N. I. Nikitina, M. E. Aerov. Zhur. tekh. fiz. 26 no. 9:2005-2007 S '56.

Heat conductivity of binary solutions. N. V. TSederberg. Teploenergetika 3 no. 9:42-46 S '56.

Heat transfer and aerodynamic resistance of bundles of smooth tubes in a gas stream at high Reynolds numbers. M. F. Liapin. Teploenergetika 3 no. 9:48-52 S '56.

Investigation of layer drying of raw cotton. M. I. Ismailov. Trudy Inst. energ. AN Uz. SSR no. 4:3-21 '60.

Lykov, A.V. [Heat and mass transfer in drying processes] Teplo- i massoobmen v protsessakh sushki. Moskva, Gos. energ. izd-vo, 1956. 464 p.

Study of thermal processes in open-hearth furnaces. V. S. Kocho. Vop. proizv. stali no. 3:74-84 '56.

Thick-walled tube method for measuring local heat release in tubes. B. S. Petukhov. Teploenergetika 3 no. 10:36-41 O '56.

HEAT CAPACITY

Determination of the real heat capacity of solids at low temperatures. M. M. Popov, V. P. Kolesov. Zhur. ob. khim. 26 no. 9:2385-2393 S '56.

Determining the heat capacity of benzene, paraxylene, metaxylol and cyclohexane in a supercooled state. I. I. Ezhik, L. A. Kovalev. Khim. i tekh. topl. no. 10:12-14 O '56.

HEAT CAPACITY (Continued)
Effect of high pressure on the thermal properties of solids. K. P. Rodionov. Fiz. met. i metalloved. 3 no.1:26-30 '56.

HEAT ENGINEERING
Pentkovskii, N.I., S.I.Raikhinshtein, and L.D.Boguslavskii. [Organization and planning of construction and assembly work in establishing heat and gas supply and ventilation] Organizatsiia i planirovanie stroitel'no-montazhnykh rabot po teplo-gazosnabzheniiu i ventiliatsii. Pod red. D.L.Poliakova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 203 p.
Shklover, A.M., B.F.Vasil'ev, and F.V.Ushkov. [Principles of heat engineering as applied to construction] Osnovy stroitel'noi teplotekhniki zhilykh i obshchestvennykh zdanii. Moskva, Izd-vo lit-ry po stroit. i arkhitekture, 1956. 349 p.

HEAT ENGINES
Kovaleva, L.D. [Heat engines in the physics course for class 9; a manual for teachers] Teplovye dvigateli v kurse fiziki IX klassa; posobie dlia uchitelei. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 105 p.

HEAT ENGINES—STUDY AND TEACHING
Teaching the topic "Heat engines" in the 7th class. M.M. Terent'ev. Fiz. v shkole 16 no. 5:23-27 S-O '56.

HEAT EXCHANGERS
Efficient method for removing tubes from heat exchangers. ("Sugar Industry" no. 7 1956). Gidroliz. i lesokhim. prom. 9 no. 5:32 '56.
New classification of heat-exchanging apparatus and a systematic arrangement of experimental factors of heat transfer. M. F. Naglev, P. V. Karamzin. Izv. AN Azerb. SSR no. 0:61-71 Ag '56.
TSygankov, A.S. [Calculations for ship heat exchangers; a reference manual] Raschety sudovykh teploobmennykh apparatov; spravochnoe posobie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 203 p.

HEAT OF VAPORIZATION
Investigating the heat loss during vapor condensation on horizontal smooth and grilled pipes. E. E. Steplan. [Trudy] MVTU no. 17:75-100 '53.

HEAT PUMPS
Experimental testing of the feasibility of adapting refrigerating machinery for heating and cooling buildings using heat produced in the operation of hydroelectric power stations. L. M. Rozenfel'd, V. V. Onosovskii, G. S. Serdakov. Zhur. tekh. fiz. 26 no. 9:2037-2045 S '56.

HEAT REGENERATORS
Using heat potentialities. D. G. Tokarev, N. N. Varshavskaia. Leg. prom. 16 no. 9:10-11 S '56.

HEAT RESISTANT ALLOYS
Heat-resistant chromium stainless steels for machine parts working at a temperature of 550-650°. A. I. Chizhik, E. A. Khein. Metalloved. i obr. met. no. 9: 10-17 S '56.
Prevention of cracking occurring while grinding heat-resistant alloys. V. A. Shal'nov. Stan. i instr. 27 no. 9:24-25 S '56.
Welding 12Kh5MA steel pipes. L. S. Livshits and others. Trudy VNIISTROINEFT' no. 7:96-97 '56.

HEAT TREATING FURNACES see Furnaces, Heat treating

HEATING
How heating and ventilation systems should work? I. Livchak. Arkhit. SSSR no. 11:35-39 '56.

HEATING—COSTS
Effect of building construction on heating expenditures. N. Viazkov. Zhil.-kom. khoz. 6 no. 5:15-19 '56.

HEATING FROM CENTRAL STATIONS
Arrangements and conditions of "open" district heating systems when the heating load is shared by heating and power plants operating in parallel. L. A. Melent'ev. Teploenergetika 3 no. 10:9-14 O '56.
Sokolov, E.IA. [District heating systems] Teplovye seti. Izd. 2-e, peror. Moskva, Gos. energ. izd-vo, 1956. 336 p.
Technical and economic bases of long-distance heat supply. S. F. Kop'ev. Teploenergetika 3 no. 9:3-10 S '56.

HEATING PLANTS
Draft of standards for planning medium-capacity heating and power plants. Teploenergetika 3 no. 10:53-56 O '56.
Types of heating and power plants and heat-supply systems in the immediate development of power engineering in the U.S.S.R. V. E. Pakshver. Teploenergetika 3 no. 9:10-18 S '56.

HEBREWS see subdivision 'Jews' under Ukraine

HEINE, HEINRICH, 1797-1856
Definition of the system of H. Heine's literary views [in Georgian with summary in Russian]. Gr. Khavtasst. Trudy TGU no. 59:79-112 '55.
Heinrich Heine and his political poetry. L. Mkrtchian. Stud. nauch. sbor. ERPI no. 3:23-49 '55.

HEKKEL, ERNST
Hekkel's "Riddles of the world." L. V. Rusinova. Nauka i zhizn' 23 no. 10:43-44 O '56.

HELENITE
Obtaining helenite and anorthite by reaction in a solid state. V. V. Lygina. Uch. zap. Ped. inst. Gerts. 117: 33-54 '56.

HELICOPTERS
Landing a helicopter in case of an engine failure. V. Vinitskii, IU. Pavlov. Grazhd. av. 13 no. 9:14-15 S '56.
Piloting helicopters in mountains. S. G. Brovtsev, S. Kh. Atabekian. Vest. Vozd. Fl. 39 no. 6:44-51 Je '56.

HELIUM
Coefficient of volume absorption of the second sound and viscosity of the normal component of helium II to 0,93° K. K. N. Zinov'eva. Zhur. eksp. i teor. fiz. 31 no. 1:31-36 Jl '56.
Self-consistent Fok field for excited helium atoms. J. I. Vizbaraitė, A. I. Kancerevičius, A. P. Jucys. Opt. i spektr. 1 no. 1:9-16 My '56.
Self-consistent Fok field in multiconfiguration approximation for helium atoms. J. I. Vizbaraite and others. Opt. i spektr. 1 no. 3:277-281 Jl '56.
Theory of kinetic phenomena in helium II. I. M. Khalatnikov. Usp. fiz. nauk. 59 no. 4:673-753 Ag '56.

HELLEBORE
Hellebores are a source of new cardiac remedies. I. G. Zoz. Bot. zhur. 41 no. 9:1318-1324 S '56.

HELMINTHOLOGY
Prospects for the development of Soviet theoretical and applied helminthology. K. I. Skriabin. Trudy AN Tadzh. SSR 31:59-70 '55.

HELSINKI—POSTAGE STAMPS—EXHIBITIONS
International philatelic exhibition in Finland. A. D. Fedorov. Vest. sviazi 16 no. 8:33 S '56.

HEMATITE
Structure of magnetite in reactive diffusion layers during the reduction of hematite. V. I. Arkharov, V. N. Bogoslovskii. Fiz. met. i metalloved. 3 no. 2:254-268 '56.

HEMOGLOBIN
Photometric method for the quantitative determination of carboxyhemoglobin. V. V. Popov, B. A. Sobchuk. Fiziol. zhur. 42 no. 9:825-826 S '56.

HEMORRHAGE
Treatment of metrorrhagia with milfoil. A. T. Trifonova. Akush. i gin. 32 no. 4:61-63 Jl-Ag '56.

HEMOSTATICS
Effect of galenicals from the root rind of upland cotton on the contractility of unstriated uterine muscles under experimental conditions. R. K. Alitov, P. A. IUzbashinskaia. Uch. zap. AGU no. 11:69-69 '55.

HEMP
(see also subdivision under Chuvashia; Czechoslovakia)
Collective farmers are taking more interest in their work. M. Z. Denisova. Len. i konop. no. 8:8-10 O '56.
Combining is a progressive method of harvesting hemp. N. I. Kosnikov, M. I. Kosnikova. Len i konop. no. 8: 26-28 Ag '56.
Competing with Kalinovka hemp growers. K. G. Zavorin. Len i konop. no. 6:5-9 Ag '56.
Corn as a crop to precede hemp. K. L. Alpatova. Len i konop. no. 9:24-25 Ag '56.
Delivering unprocessed flax and hemp to mills. I. A. Simonov. Len i konop. no. 6:40-42 Ag '56.
First improvements. N. I. Razumov. Len. i konop. no. 8:10-12 O '56.
For persistent improvement of the quality of flax and hemp. Len. i konop. no. 7:1-4 S '56.
Growing hemp on peat bogs. V. Shekotlan. Len i konop. no. 6:18-21 Ag '56.
Immediate tasks of collective hemp farms. Len i konop. no. 8:1-4 O '56.
Let's introduce hemp cultivation practices of the village of Kalinovka. V. I. Filimonov. Len i konop. no. 8: 5-6 O '56.
MLK-4, 6 hemp thresher. I. M. Makhov. Len i konop. no. 8:20-23 O '56.
Methods of growing hemp and ambary in the zone of light sierozems of the Chu Valley. G. IA. Fedichkin. Trudy Otd. pochv. AN Kir. SSR no. 5:63-71 '56.
Process more flax and hemp fiber on collective farms. Len i konop. no. 6:1-4 Ag '56.
Southern hemp in crop rotations. N. S. Vaiko. Len i konop. no. 7:21-23 S '56.
Station for the primary processing of hemp. V. Borisov. Len i konop. no. 7:41-43 S '56.

HEMP—BIBLIOGRAPHY see Bibliography—Hemp

HEPATICAE
(see also subdivision under Kazakhstan; Lenkoran District)
Spore-bearing of Ricciocarpus natans (L.) Corda. K. I. Ladyzhenskaia, S. M. Khudaikulov. Bot. mat. Otd. spor. rast. 11 182-186 Ja '56.

HEPATOLENTICULAR DEGENERATION
Disorders of cutaneous sensitivity in lateral amyotrophic sclerosis and in hepatolenticular degeneration. S. V. Babenkova. Zhur. nevr. i psikh. 56 no. 8:645-653 '56.

HERBAGE see Grasses

HERBARIA
Make it yourself. IUn. nat. no. 3:40 Je '56.

HERBICIDES
Chemical weed control in fiber flax. E. F. Linnik. Len i konop. no. 7:45-46 S '56.
Chemical weed control in the Ukraine. A. S. Mel'nichuk. Zashch. rast. ot vred. i bol. 1 no. 4:33 S-O '56.

HEREDITY
Heredity in triticum-agropyron hybrid no. 1. V. E. Pisarev. Biul. Glav. bot. sada no. 24:70-71 '56.
The structure of hereditary substance. F. Crick. Khim. nauka i prom. 1 no. 4:472-477 '56.

HEREDITY OF ACQUIRED CHARACTERS see Inheritance of acquired characters

HERNIA
Embryonic umbilical hernia. IA. I. Ioffe. Akush. i gin. 32 no. 4:85-86 Jl-Ag '56.

HERRING
(see also subdivision under Kandalaksha Bay)
Boiling and drying Baltic herring with infrared rays. N. N. Sakharova. Ryb. khoz. 32 no. 9:84-87 S '56.
Kryzhanovskii, S. G. [Materials on the development of clupeid fishes] Materialy po razvitiiu sel'devykh ryb. Moskva, Izd-vo Akademii nauk SSSR, 1956. 253 p. (Akademiia nauk SSSR. Institut morfologii zhivotnykh. Trudy, no. 17)

HERRING FISHERIES see subdivision under Atlantic Ocean; Japan Sea of

HETEROCYCLIC COMPOUNDS—SPECTRA
Absorption spectra of some nitrogen containing heterocyclic compounds at low temperatures. A. N. Nikitina, G. S. Ter-Sarkisian. Opt. i spektr. 1 no. 3:378-386 Jl '56.

HEXADECANE
Kinetics and the chemistry of liquid-phase oxidation of normal hexadecane $C_{16}H_{34}$. B. K. Zeinalov, V. S. Leikakh. Izv. AN Azerb. SSR no. 9:17-31 S '56.

HEXATRIENE
Polyene compounds. Part 1. Synthesis of 1, 5-aryl substituted derivatives of 1, 3, 5-hexatriene. B. M. Mikhailov, G. S. Ter-Sarkisian. Izv. AN SSSR. Otd. khim. nauk no. 9:1079-1084 S '56.

HIDES AND SKINS
Improve the way of judging Karakul lambs on the basis of curl retention and the quality of hair. I. N. D'iachkov. Kar. i zver. 9 no. 5:10-13 S-O '56.
Let's improve the quality of raw hides and furs: In the plenum of the Technical Council of the Meat and Dairy Products Industry of the U.S.S.R. Mias. ind. SSSR 27 no. 5:7-21 '56.
Machine for removing swine hides. N. Alekseev. Mias. ind. SSSR 27 no. 5:62-63 '56.
Studying the histology of the skin of various sheep breeds and strains raised in Azerbaijan. E. IU. Musaev. Uch. zap. AGU no. 4:23-25 '56.

HIGH BLOOD PRESSURE see Hypertension

HIGH MOLECULAR WEIGHT COMPOUNDS
Ivanov, V.I. [Macromolecules] Molekuly-giganty. Moskva, Izd-vo Akademii nauk SSSR, 1951. 116 p. (Itogi i problemy sovremennoi nauki)

HIGHER EDUCATION see Education, Higher

HIGHWAY CONSTRUCTION see Road construction

HIGHWAYS see Roads

HINDI LANGUAGE
Hindi, Urdu, and Hindustani; use of the terms. G. A. Zograf. Krat. soob. Inst. vost. no. 18:49-55 '56.

HINDI LANGUAGE—WORD FORMATION
Word formation in modern literary Hindi. A. S. Barkhudarov. Krat. soob. Inst. vost. no. 18:34-48 '56.

HINDUSTANI LANGUAGE
Hindi, Urdu, and Hindustani; use of the terms. G. A. Zograf. Krat. soob. Inst. vost. no. 18:49-55 '56.

HINDUSTANI LANGUAGE—VERB
Negatives used with the verb in Hindustani. G. A. Zograf. Krat. soob. Inst. vost. no. 18:74-78 '56.

HIP JOINT—RADIOGRAPHY
Diagnosis of some injuries of the acetabulum. A. N. Gerasimov. Voen.-med. zhur. no. 7:86-87 Jl '56.

HISTAMINE
Nature of the chemical substances of blood during the periodic activity of the digestive apparatus when not in the process of digesting. G. G. Stepanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:3-8 S '56.

HISTIDINE
Quantitative determination of histidine hydrochloride. G. IA. Khait. Apt. delo 5 no. 5:59 S-O '56.

HISTORICAL FICTION, WHITE RUSSIAN
Paths of the development of the historical White Russian novel. R. Messer. Sov. otech. no. 5:109-124 S-O '56.

HISTORICAL MUSEUMS see subdivision under Lvov

HISTORICAL SOCIETIES
Session of the office of the International Committee of Historical Sciences in Madrid. Vop. ist. no. 9:221-222 S '56.

HISTORY
Police and criminal court reform and the central government at the end of the thirties and beginning of the forties in the 16th century. N. E. Nosov. Ist. zap. 56:208-234 '56.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—PERIODICALS see subdivision under Germany, West

HISTORY—PHILOSOPHY
Fedoseev, P.N. [The role of the masses and of the individual in history] Rol' narodnykh mass i lichnosti v istorii. Moskva, Izd-vo "Znanie," 1956. 63 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, nos. 46, 47)
Tancher, V. [Marxism-Leninism on the role of the masses and of the individual in history] Marksyzm-Leninizm pro rol' narodnykh mas i osoby v istorii. Kyiv, Vyd-vo Kyivs'koho derzh. univ. im. T.H.Shevchenka, 1956. 43 p.

HISTORY—STUDY AND TEACHING
Determining the professional tasks of pedagogical institutes in relation to the teaching of history. V. N. Bernadskii. Uch. zap. Ped. inst. Gertsa. 124:63-78 '56.
Is it expedient to use the so-called "concentrated quiz" in history classes? F. P. Korovkin. Prep. ist. v shkole 11 no. 5:103-104 S-O '56.
News items. Vop. ist. no. 9:203-204 S '56.
Past and present in the teaching of history. Prep. ist. v shkole 11 no. 5:3-9 S-O '56.
Reorganize the teaching of history in secondary schools in the light of the decisions of the 20th Congress of the Communist Party of the Soviet Union. M. M. Lysenko. Rad. shk. 35 no. 10:8-16 O '56.
"Using visual aids in history classes." M. I. Dehtiariuk. Reviewed by H. I. Pidluts'kyi, I. M. Skrypkin. Rad. shk. 35 no. 10:51 O '56.

HISTORY, ANCIENT—STUDY AND TEACHING
"Explanation of drawings in the ancient history textbook for classes 5 and 6 in the secondary school." S. N. Benkliev. Reviewed by M. Maksimova. Prep. ist. v shkole 11 no. 5:111-112 S-O '56.
Scientific atheistic indoctrination in classes devoted to ancient history. Kh. M. Shapiro. Prep. ist. v shkole 11 no. 5:88-94 S-O '56.

HISTORY, MODERN—PERIODICALS
Journal of modern history abstracts. Sov. bibl. no. 43:85-86 56.

HORGROMM... subdivision under Russian Platform

I. A. Li-

...ING
Planning the repair of loading machines. S. Medvedik. Mor. flot 16 no. 10:8-10 O '56.

HOLLAND see Netherlands

HOLLOW BRICKS
Moulding hollow panels. A. A. Tamarin. Biul. stroi. tekh. 13 no. 9:8-10 S '56.
Strength of hollow-stone separation walls; experimental investigations. M. I. Karakurchi. Nov. v stroi. tekh. no. 7:83-100 '56.

HOLY SCRIPTURES see Bible

HOME AND SCHOOL
A gathering for parents. S. M. Storozhenko. Sred. spets. obr. no. 11:35-36 N '56.
My work with parents. S. I. Bogdanova. Nach. shkola 24 no. 11:34-36 N '56.
Readers' letters. Sem'ia i shkola 11 no. 11:22-23 N '56.
Student correspondence with parents. S. M. Chudakov, M. N. Smirnov. Sred. spets. obr. no. 10:43-45 O '56.
Work with parents in preparing kindergarten children for school. E. I. Papkovskaia. Doshk. vosp. 29 no. 10:23-27 O '56.

HOME AND SCHOOL—PERIODICALS
What do parents expect of the periodical "Sem'ia i shkola"? G. and IU. Nefedov. Sov. pedag. 20 no. 11:112-115 N '56.

HOME ECONOMICS—BIBLIOGRAPHY see Bibliography—Home economics

HOME EDUCATION see Correspondence schools and courses

HOMOGENIZATION
Effect of concentration on the temperature of homogenization of systems composed of aqueous salt solutions. G. G. Lemmlein, P. V. Klevtsov. Zap. Vses. min. ob-va 85 no. 3:310-320 '56.

HONG KONG
Hong Kong. Blok. agit. no. 32:47-3 of cover N '56.

HONG KONG—RIOTS
Provocation in Hong Kong. Nov. vrem. 14 no. 44:14-15 O '56.

HOOKWORM DISEASE
Sources of the infection of blue foxes with Uncinaria. A. A. Dubnitskii. Kar. i zver. 9 no. 5:45-46 S-O '56.

HOPPERS
Hoppers for charging loose materials into open-hearth furnaces. I. M. Krasinskii. Stal' 16 no. 9:845-846 S '56.

HOPS
Applying fertilizers to hops. A. Timokhina. Ud. i ur. 1 no. 10:44-45 O '56.

HOPS—DISEASES AND PESTS
New machinery used in controlling diseases and pests of hops. S. A. Rokhlin. Zashch. rast. ot vred. i bol. 1 no. 4:10-14 S-O '56.

HORMONES
IUdaev, N. A. [Biochemistry of steroid hormones of the suprarenal bodies] Biokhimiia steroidnykh gormonov kory nadpochechnikov. Moskva, Gos. izd-vo med. litry, 1956. 133 p.
New hormones. N. N. Suvorov. Khim. nauka i prom. 1 no. 4:406-418 '56.

HORN (MUSICAL INSTRUMENT)
Russian horn orchestra. G. Blagodatov. Neva no. 10:207 O '56.

HORSE BREEDING see subdivision under Tuva Autonomous Province

HORSE BREEDS
Album of horse breeds ("Horse breeds." K. A. Kondrashev. Reviewed by B. Fomin). Konevodstvo 26 no. 10:46 O '56.

HORSE CHESTNUT
Method for a quantitative determination of saponin derived from horse chestnut. O. P. Mel'nichuk. Apt. delo 5 no. 5:35-37 S-O '56.

HORSE SHOWS see subdivision under Moscow; Vladimir Province

HORSE TRAINING
Some problems in training jumpers. V. Alekseenko, A. Laskov. Konevodstvo 26 no. 10:36-38 O '56.

HORSEMANSHIP
(see also subdivision under Cortina D'ampezzo, Italy; Stockholm)
Equestrianism should become a popular sport. Konevodstvo 26 no. 10:39-40 O '56.
Importance of correct respiration in horseback riding. Teor. i prak. fiz. kul't. 19 no. 10:792-793 '56.

HORSES
(see also subdivision under Kazakhstan; Moscow Province)
Barminisev, IU. N., and IA. I. Kleinbok. [Horse breeding] Konevodstvo. Alma-Ata, Kazakhskoe gos. izd-vo, 1952. 262 p. (Trekhletnie agrozootekhnicheskie kursy. 2, g. obucheniia) (DA)
For further development of horse raising for meat and milk in regions using the range-herd system. L. Kashtanov. Konevodstvo 26 no. 11:1-5 N '56.
From the pages of local newspapers. Konevodstvo 26 no. 11:47 N '56.
"Horse breeding"; textbook for higher zootechnic schools. V. P. Dobrynin and others. Reviewed by A. Krasnikov. Konevodstvo 26 no. 10:41-45 O '56.
Horse-breeding section of the Budennyi Collective Farm. P. Poliakh. Konevodstvo 26 no. 10:16-18 O '56.
Improving the quality of horses and increasing the effectiveness of their use in agriculture. G. G. Khitenkov. Zhivotnovodstvo 18 no. 10:13-20 O '56.
Manakov, I. D. [Conditioned reflexes and types of the nervous system in horses] Uslovnye refleksy i tipy nervnoi sistemy u loshadei. Khar'kov, Khar'kovskii gos. univ. im. A. M. Gor'kogo, 1956. 112 p. (DA)
Mechanized cleaning of horses. A. Luk'ianchenko. Konevodstvo 26 no. 10:40 O '56.
Raising and using horses at the "Revoliutsionnyi Trud" Plant. I. Brestkin. Konevodstvo 26 no. 10:22-23 O '56.
Some physiological indexes for checking the development of young horses. N. Molchanova. Konevodstvo 26 no. 10:19-21 O '56.
Using horses on the Kirov Collective Farm. I. Syresin. Konevodstvo 26 no. 10:23-24 O '56.

HORSES—ANATOMY
Quantity and topography of epithelial bodies in horses. T. G. TSymbal. Sbor. trud. Khar'. vet. inst. 20:24-28 '49.

HORSES—DISEASES
Classification of colics in horse. N. S. Persinev. Sbor. trud. Khar'. vet. inst. 20:186-193 '49.
Differential diagnosis of infectious encephalomyelitis and a neural form of nuttalliosis. V. I. Rotov. Sbor. trud. Khar'. vet. inst. 20:118-122 '49.
Gastrophilosis in horses and methods for its control. A. F. Nosik. Sbor. trud. Khar'. vet. inst. 20:130-136 '49.
Prognostic significance of phlebotonometry in some diseases of the internal organs in horses. N. A. Zimoglad. Sbor. trud. Khar'. vet. inst. 20:194-199 '49.

HORSES—FEEDING AND FEEDING STUFFS
Fish meal as a protein and mineral feed for foals. O. Smirnov. Konevodstvo 26 no. 10:25-26 O '56.

HORSES—PHYSIOLOGY
Conditioned salivary reflexes in horses. Kh. T. Arskii. Sbor. trud. Khar'. vet. inst. 20:64-71 '49.
Iso-anaphylaxis in repeated blood transfusions in horses and methods for its control. V. A. German. Sbor. trud. Khar'. vet. inst. 20:207-209 '49.
Using the dielectrical method in studying the action of pharmacological preparations on the organism of horses. V. G. Chervov. Sbor. trud. Khar'. vet. inst. 20:72-76 '49.

HOSIERY see subdivision under Ivantcevka

HOSPITALS see subdivision under Hanoi; Moscow

HOSPITALS, GYNECOLOGIC AND OBSTETRIC see subdivision under Tabor, Poland

HOT-AIR HEATING
Standardization of a forced-air heating system with a concentrated air outlet. N. N. Sankovich, S. S. Frykin. Gig. i san. 21 no. 10:20-25 O '56.

HOT-WATER HEATING
Change-over of existing industrial hot-water heating systems to operation at higher temperatures. B. I. Denkin. Prom. energ. 11 no. 8:5-8 Ag '56.
Water heating device. A. Solntkov. Avt. transp. 34 no. 9:31-32 S '56.

HOT-WATER SUPPLY
Mixer for heating water. R. Balk, Z. Poz. Avt. transp. 34 no. 9:31 S '56.

HOURS OF LABOR
Hours of work and rest of Union Press workers. F. Umanskii. Raspr. pech. no. 9:22-23 S '56.

HOUSEFLIES see Flies

HOUSEHOLD UTENSILS see Kitchen utensils

HOUSES, APARTMENT see Apartment houses

HOUSING
(see also subdivision under Narofominsk)
Nikolaev, A.I. [Hous construction in the sixth five-year plan] Zhilishchnoe stroitel'stvo v shestoi piatiletke. Moskva, Gos. izd-vo polit. lit-ry, 1956. 95 p.

HOUSING—LAWS AND LEGISLATION
Civil-law forms in extending credit for the construction of private homes. S. S. Alekseev, E. D. Sheshenin. Sov. gos. i pravo no. 7:81-71 '56.
Letter to the editor. S. D. Freidman. Sov. gos. i pravo no. 7:123 '56.

HRABOVS'KYI, PAVLO ARSEN'OVYCH, 1864-1902
Economic views of P. A. Hrabovs'kyi. O. O. Kruhliak. Nauk. zap. Kiev. un. 15 no. 1:111-123 '56.

HUBAREVICH, K.
Shortcomings of a needed play ("At a sharp turn." K. Hubarevich. Reviewed by P. Shablinskii). Sov. otech. no. 5:137-139 S-O '56.

HUBENKO, PAVLO MYKHAILOVYCH, 1889-1956
In memory of Ostap Vyshnia. Sov. Ukr. 6 no. 10:174 O '56.
Ostap Vyshnia; obituary. Dnipro 30 no. 11:127 N '56.

HUGO, VICTOR MARIE, 1802-1885
An unpublished letter of I. I. Panaev's on Victor Hugo. I. G. IAmpol'skii. Shor. [Len.] pub. bibl. 3:61-64 '55.

HULLS (NAVAL ARCHITECTURE)
Allowable wear of the shell plating of ship hulls. V. Magula. Mor. flot 16 no. 7:22-23 Jl '56.
Approximate method of calculation in designing ship hulls for inland navigation. B. N. Smolikov. Trudy VNITOSS 6 no. 1:31-50 '53.

HULLS (NAVAL ARCHITECTURE)—WELDING
Methods of testing welded joints in ship hull construction for the formation of cracks. K. G. Nikolaev, B. A. Gololobov. Svar. proizv. no. 9:9-12 S '56.
Some structural details of welded hull joints. N. Kvashchuk. Mor. flot 16 no. 7:27-28 Jl '56.

HUMERUS—DISEASES
Complete cure in a case of localized fibrous osteodystrophy of the upper third of the humerus. V. S. Kostrikov. Vest. khir. 77 no. 9:117-120 S '56.

HUMIC ACID
Uranium binding by humic acids and melanoidines [with English summary in insert]. S. M. Manskaia, T. V. Drozdova, M. P. Emel'ianova. Geokhimiia no. 4:10-23 '56.

HUMIDITY
Relationship of the dissolved water content of hydrocarbon fuels to relative humidity at different temperatures. B. A. Englin, V. M. Tugolukov, T. P. Sakodynskaia. Khim. i tekh. topl. no. 11:43-46 N '56.

HUMMINGBIRDS
Poikilothermism in hummingbirds. N. A. Gladkov. Priroda 45 no. 10:100-102 O '56.

HUNGARIAN COOKERY see Cookery, Hungarian

HUNGARIAN SCIENTISTS see Scientists, Hungarian

HUNGARY—ALKALI LANDS
Classification of saline soils of the Great Hungarian Plain [with French summary in insert]. Sh. Aran. Pochvovedenie no. 7:1-10 Jl '56.

HUNGARY—ART
Meeting the Hungarians. E. Loginova. Ogonek 34 no. 40:20-22 S '56.

HUNGARY—CAVES
New karst type cave in Hungary. Sandor Jak. Priroda 45 no. 11:96-98 N '56.

HUNGARY—DESCRIPTION AND TRAVEL
Greetings from the Hungarians. IUrii Zhanate'kyi. Pionerita 33 no. 10:22-23 O '56.

HUNGARY—FAIRS
Gay fair. Ogonek 34 no. 42:10a O '56.

HUNGARY—FALCONRY
Birds trained for hunting, in the service of agriculture ("Training wild birds for hunting" [in Hungarian] by Lorant Bástyai. Reviewed by G. P. Dement'ev). Priroda 45 no. 11:110-120 N '56.

HUNGARY—FISH CULTURE
New methods for the artificial cultivation of commercial fresh-water fishes in Hungary. V. S. Kirpichnikov. Ryb. khoz. 32 no. 9:67-68 S '56.

HUNGARY—HYBRIDIZATION, VEGETABLE
In the Hungarian People's Republic. Andras Somos. Priroda 45 no. 10:97-98 O '56.

HUNGARY—LAND TENURE
Turubiner, A. M. [Legislative principles governing land reforms in the Hungarian People's Republic; a lecture read before the Law Department] Zakonodatel'nye osnovy zemel'nykh preobrazovanii v Vengerskoi Narodnoi Respublike; lektsiia, prochitannaia na iuridicheskom fakul'tete. [Moskva] Izd-vo Moskovskogo univ., 1956. 26 p.

HUNGARY—MUSIC—PERIODICALS
In music magazines; Iran, Hungary, China. Sov. muz. 20 no. 9:139-142 S '56.

HUNGARY—POLITICS AND GOVERNMENT
About those who organized the counter-revolutionary conspiracy in Hungary. L. Kraev. Blok. agit. no. 33: 34-41 N '56.
Black deeds of counterrevolution. Ogonek 34 no. 47: 4 N '56.
Hungary returns to peaceful life. Ogonek 34 no. 47: 5 N '56.
[Meeting dedicated to solidarity with the Hungarian freedom fighters] Miting solidarnosti s vengerskimi bortsami za svobodu. Miunkhen, Izd. Soiuza bor'by za osvobozhdenie narodov Rossii (SBONR) o. V., 1956. 22 p.

HUNGARY—POULTRY PLANTS
Some data on the poultry processing industry of people's Hungary. E. S. Motylenok. Ptitsevodstvo 6 no. 10: 40-46 O '56.

HUNGARY—PUBLIC PROSECUTORS
The role of science in the development of supervisory function of the public prosecutor's office in general matters in the Hungarian People's Republic. S. G. Berezovskaia. Sov. gos. i pravo no. 8:145-146 '56.

HUNGARY—SUGAR BEET BREEDING
Role of polyploidy in sugar-beet breeding. Kurt Sedimayr. Agrobiologiia no. 5:102-107 S-O '56.

HUNGARY—TRACK ATHLETICS
How I train my track athletes. Mihaly Igloi. Leg. atl. no. 9:31-32 S '56.

HUNGARY—TRACTOR INDUSTRY
Hungarian experience in automobile and tractor construction. E. M. Biro. Avt. i trakt. prom. no. 8:42-44 S '56.

HUNGARY—TRADE UNIONS
Democratic nature of the Hungarian trade-union movement. Sandor Gaspar. Vsem. prof. dvizh. no. 9:23-25 S '56.

HUNTING
(see also subdivision under Azerbaijan; Czechoslovakia; Krasnoyarsk Territory; Moscow Province; White Russia; Yakutia)
Answers to readers' questions. Okh. i okh. khoz. no. 10:62 O '56.
Establish minimum requirements for hunters. I. Grozmani, O. A. Vecherkovskii. Okh. i okh. khoz. no. 10: 6-8 O '56.
A hunters' guide ("Greater efficiency in commercial hunting." Reviewed by A. Zelenkov). Okh. i okh. khoz. no. 10:58 O '56.
Poor postern. Sh. Khairov. Okh. i okh. khoz. no. 10: 59 O '56.
Train good hunters. G. Podlapol'skii. Okh. i okh. khoz. no. 10:60 O '56.

HUNTING—CONGRESSES
At the conference of hunters. Okh. i okh. khoz. no. 10: 60 O '56.

HUNTING—HISTORY
TSaikin, V. I. [Materials on the history of cattle breeding and hunting in ancient Russia; based on the study of bones found in archaeological excavations in the forest belt of European Russia] Materialy dlia istorii skotovodstva i okhoty v drevnei Rusi; po dannym izucheniia kostnykh ostatkov iz raskopok arkheologicheskikh pamiatnikov lesnoi polosy Evropeiskoi chasti SSSR. Moskva, Izd-vo Akademii nauk SSSR, 1956. 183 p. (Materialy i issledovaniia po arkheologii SSSR, no. 51)

HUNTING DOGS
Using dogs in squirrel hunting. V. Leont'ev. Okh. i okh. khoz. no. 10:13-14 O '56.
A word from dog-breeding hunters. V. Shustrov, I. Nazhestkin, A. TSvetkov. Okh. i okh. khoz. no. 10: 37 O '56.

HURDLE RACING
Developing speed in the 110-meter hurdle runner. A. Ostapenko. Leg. atl. no. 10:11-12 O '56.

HUSBAND AND WIFE
About love and fidelity. Irina Volk. Sov. zhen. 12 no. 11:17-19 N '56.

HWAI NAN BASIN, CHINA—COAL MINES AND MINING
Two new vertical mines. Nar. Kit. no. 17:30-31 S '56.

HYALURONIDASE
Spreading factors and hyaluronidase in Brucella. N. D. Anina-Radchenko. Zhur. mikrobiol. epid. i immun. 27 no. 10:69-74 O '56.

HYDRIDIZATION, VEGETABLE
(see also subdivision under Hungary)
Degeneration of some interspecific vegetative potato hybrids. B. H. Nurmiste. Agrobiologiia no. 5:114-124 S-O '56.
Experiments on interspecific vegetative hybridization of grains. L. A. Golovtsov. Agrobiologiia no. 5:55-61 S-O '56.
Hybridization methods in plant breeding. P. V. Kuchumov. Sel. i sem. 21 no. 4:17-21 '56.
Inheritance of the qualities and characters of the Aport variety in hybrid progeny and their variation due to the mentor effect. N. K. Volkova. Agrobiologiia no. 5: 62-69 S-O '56.
Variation in tomatoes as a result of vegetative hybridization. E. P. Okhova. Agrobiologiia no. 5:70-76 S-O '56.
Vegetative hybridization between cotton species with different chromosome numbers. Ruzica Glavinic. Agrobiologiia no. 5:77-82 S-O '56.
Vegetative hybridization of the sunflower. L. A. Zhdanov, A. P. Alekseev. Agrobiologiia no. 5:45-54 S-O '56.
Vegetative hybridization of tomato and tobacco. Ruzhitsa Glavinich. Priroda 45 no. 11:98-100 N '56.

HYDATIDS
Morphological and biological peculiarities of cystic forms of Echinococcus granulosus. Report No. 2. A. F. Nosik. Sbor. trud. Khar'. vet. inst. 20:146-157 '49.
Morphological and biological peculiarities of larval (cystic) forms of Echinococcus granulosus. Report No. 1. A. F. Nosik. Sbor. trud. Khar'. vet. inst. 20: 137-145 '49.
Prevention of echinococcosis in reclaiming new soil. N. P. Sokolov. Sov. med. 20 no. 9:91-93 S '56.

HYDRATES
Buffer properties of nickel electrolytes and the formation of hydrates occurring in them. A. I. Zhurin, M. G. Shoikhet. Zhur. prikl. khim. 29 no. 4:583-588 Ap '56.

HYDRATROPIC ACID
Improved method of bilitrast production. S. S. Kirienko, M. A. Butlerovskii. Med. prom. 10 no. 3:28 Jl-S '56.

HYDRAULIC ENGINEERING
(see also subdivision under Kirghizistan)
Bliznlak, E. V. [Hydraulic engineering survey] Gidrotekhnicheskie izyskaniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 267 p.
Changes in "River hydraulic installations," chapter II-D. 2 of "Construction norms and regulations." Biul. stroi. tekh. 13 no. 9:28 S '56.
Effect of lightweight passages on resistance to seepage in foundation soils. A. I. Antipov. Gidr. stroi. 25 no. 9:48-51 O '56.
Khovanskii, G. S. [Nomographic calculations in hydraulics] Nomograficheskie raschety v gidravlike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 112 p.
———— [Supplement] nomograms No. 1-107 on 65 l., No. 1-6 on 6 l.
Predetermined speed diagrams for designing diffuser profiles. V. G. Sanoian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 7:37-60 '56.
Problem of the efficient layout of water-division works. K. F. Artamonov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 2:37-41 '55.
Selecting thickness of foundations for protecting channels from wash. V. S. Knoroz. Gidr. stroi. 25 no. 9:40-44 O '56.

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—STANDARDS
On engineering standards and usual excesses in building hydraulic structures. A. A. Zagriazhskii. Gidr. stroi. 25 no. 10:15-19 O '56.

HYDRAULIC MACHINERY
Calculation and analysis of the dynamics of hydraulic choke amplifiers. V. A. Khokhlov. Aviom. i telem. 17 no. 10:871-879 O '56.
Hydraulic percussion unit for granulating blast furnace slags. M. F. Davidenko, A. A. Polomeev. Mekh. stroi. 13 no. 10:15-16 O '56.

HYDRAULIC MINING
(see also subdivision under Poland)
Improving the technology of coal extraction in hydraulic mining. A. D. Ignat'ev. Ugol' 31 no. 9:14-17 S '56.

HYDRAULIC RAMS
Investigation of hydraulic rams and using them in railroad water supply. I. Kh. Levinbuk. Trudy TbIIZHT no. 22:265-309 '50.

HYDRAULIC TRANSMISSION
Equivalent circuits of electrohydraulic drives. M. G. Chilikin, A. M. Korytin. Elektrichestvo no. 9:43-48 S '56.

HYDRAULIC TURBINES
"Governing hydraulic turbines," IU. E. Garkavi, M. I. Smirnov. Reviewed by N. P. Polushkin. Elek. sta. 27 no. 9:62-64 S '56.
New design of the RK complete speed governor for Kaplan turbines. I. A. Karmazin. Elek. sta. 27 no. 9: 11-13 S '56.

HYDRAULICS
Applying the principles of hydraulics to the theory of traction. M. A. Mostkov. Trudy TbIIZHT no. 22:211-264 '50.
Criteria of systems of fluid flow. V. N. Evreinov. Sbor. LIIZHT no. 150:39-45 '56.
Designing bridges with the aid of a current flow plan. I. IA. Melik-Bakhtamian. Trudy TbIIZHT no. 22:88-117 '50.
The equation of uniform flow of liquids in pipes and its application to pressure loss calculations. A. S. TSeitlin. Gidr. stroi. 25 no. 9:54-56 O '56.
New formulas for calculated water discharge in determining the actual losses of water in water-courses with open diversion ditches. M. M. Kabakov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 1:17-25 '54.
Theory of the movement of suspended alluvium. V. G. Sanoian. Dokl. AN Arm. SSR 23 no. 1:11-16 '56.
Velocity profile and roughness factor in paved canals. M. I. Nazarov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:79-95 '56.

HYDRAULICS—PROBLEMS, EXERCISES, ETC.

Sokolov, A. V. [Collection of problems in hydraulics] Sbornik zadach po gidravlike. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 88 p.

HYDRAZIDES

Substituted hydrazides of oxycarboxylic acids. Part 1. Synthesis of arylhydrazides of diaryiglycolic acids. I. S. Berdinskii, P. A. Petiunin. Zhur. ob. khim. 26 no. 9: 2592-2595 S '56.

HYDRAZINE

Divalent cobalt complex compounds with hydrazine and hydrazinecarboxylic acid. P. V. Gogorishvili, M. V. Karkarashvili, L. D. TSitsishvili. Zhur. neorg. khim. 1 no. 8:1731-1738 Ag '56.

HYDRIDES

Possible formation of metal deuteride (hydride) structures with the retention of hydrogen molecules or atom pairs in the lattice. B. F. Ormont. Kristallografiia 1 no. 1:142-144 '56.

HYDROAROMATIC COMPOUNDS—SPECTRA

Anti-Stokes and Stokes fluorescence spectra and yield of vapors of aromatic compounds. B. S. Neporent, N. A. Borisevich. Opt. i spektr. 1 no. 2:143-154 Je '56.

HYDROBROMIC ACID

Reciprocal solubility of bromine, hydrobromic acid and water. M. A. Menkovskii and others. Zhur. neorg. khim. 1 no. 7:1658-1664 Jl '56.

HYDROCARBONS

Certain problems connected with the liquid phase oxidation of hydrocarbons. IA. B. Chertkov. Zhur. prikl. khim. 29 no. 9:1405-1411 S '56.

Conversions of hydrocarbons on metal catalysts at increased temperatures and hydrogen pressures. N. I. Shuikin. Uch. zap. AGU no. 8:23-36 '55.

Determining the heat capacity of benzene, paraxylene, metaxylol and cyclohexane in a supercooled state. I. I. Ezhik, I. A. Kovalev. Khim. i tekh. topl. no. 10:12-14 O '56.

Effect of ultrasound on aqueous solutions of aromatic hydrocarbons. M. A. Khenokh, E. M. Lapinskaia. Zhur. ob. khim. 26 no. 9:2439-2444 S '56.

Evaluation of certain physical and chemical constants in connection with the study of hydrocarbon composition of crude oils. B. M. Rybak. Khim. i tekh. topl. no. 11:29-42 N '56.

Increasing heating capacity of gas in automotive gas producers by pyrolysis of liquid hydrocarbons. Z. I. Leibzon. Gaz. prom. no. 11:10-16 N '56.

Liquid-vapor equilibrium in the binary systems of methane with different classes of hydrocarbons [with English summary in insert]. IA. D. Savvina, A. S. Velikovskii. Zhur. fiz. khim. 30 no. 7:1596-1605 Jl '56.

Low temperature properties of hydrocarbon fuels; nomogram for determining the temperature of crystallization of fuels and their fractions. IA. B. Chertkov, V. N. Zrelov. Khim. i tekh. topl. no. 10:14-18 O '56.

Mass spectrometric analysis of gaseous hydrocarbon mixtures. K. I. Zimina and others. Khim. i tekh. topl. no. 10:37-44 O '56.

Relationship of the dissolved water content of hydrocarbon fuels to relative humidity at different temperatures. B. A. Englin, V. M. Tugolukov, T. P. Sakodynskaia. Khim. i tekh. topl. no. 11:43-46 N '56.

Studying the kinetics and chemistry of the hydrocarbon oxidation in the liquid phase (conference in Moscow). I. V. Ob[illegible] ...R 26 no. 9:103-105 S '56.

...viscosity of hydrocar-
K. G. Sandalo[illegible]

HYDROELECTRIC POWER STATIONS
(see also subdivision under Bratsk Hydroelectric Power Station; Irkutsk Hydroelectric Power Station; Kakhovka Hydroelectric Power Station; Krasnoyarsk Hydroelectric Power Station; Kremenchug Hydroelectric Power Station; Kuybyshev Hydroelectric Power Station; Narva Hydroelectric Power Station; Novosibirsk Hydroelectric Power Station; also subdivision under Canada; China; Kama River Lagoisk District; Ob River; Volga River)

Chain of powerful hydroelectric power stations. A. Mozhevitinov. Neva no. 9:153-156 S '56.

Determining losses of pressure in trash racks. V. B. Dul'nev. Gidr. stroi. 25 no. 9:51-53 O '56.

Experimental testing of the feasibility of adapting refrigerating machinery for heating and cooling buildings using heat produced in the operation of hydroelectric power stations. L. M. Rozenfel'd, V. V. Onosovskii, G. S. Serdakov. Zhur. tekh. fiz. 26 no. 9:2037-2045 S '56.

Heating the trash racks of hydroelectric power stations. E. A. Sarkisov, I. M. Cherepanov. Gidr. stroi. 25 no. 9:38-40 O '56.

Koroiev, A. A. [Channels of hydroelectric power stations] Kanaly gidroelektricheskikh stantsii. Moskva, Gos. energ. izd-vo, 1956. 175 p.

HYDROFLUORIC ACID

Hydrogen fluoride as cracking catalyst. V. G. Pliusnin, E. P. Babin. Zhur. prikl. khim. 29 no. 9:1401-1404 S '56.

Study of the solubility in the system HF - $I_2O_5$ - $H_2O$ (isotherm O°). N. S. Nikolaev, IU. A. Buslaev. Zhur. neorg. khim. 1 no. 7:1672-1675 Jl '56.

HYDROGEN

Hydrogen in marsh and other gases. N. V. Borisov and others. Trudy VNIGNI no. 6:165-175 '55.

HYDROGEN—ANALYSIS

Spectral determination of hydrogen in zirconium by the method of isotope balancing. A. N. Zaidel', K. I. Petrov. Zav. lab. 22 no. 8:923-926 Ag '56.

HYDROGEN-ION CONCENTRATION

Use of a polarograph for the determination of the pH of the initial precipitation of manganese hydroxide and of its solubility product. P. N. Kovalenko. Zhur. neorg. khim. 1 no. 8:1717-1721 Ag '56.

HYDROGEN PEROXIDE

"Hydrogen peroxide." W. Schumb, C. Satterfield, R. Wentworth. Reviewed by I. IA. Volkind. Zhur. neorg. khim. 1 no. 7:1687-1688 Jl '56.

"Hydrogen peroxide." W. Schumb, C. N. Satterfield, R. L. Wentworth. Reviewed by I. I. Vol'nov. Zhur. neorg. khim. 1 no. 8:1932-1934 Ag '56.

Kinetics of the catalytic decomposition of hydrogen peroxide by the combined action of copper sulfate and potassium chromate [with English summary in insert]. G. A. Bogdanov, B. E. Rubinshtein. Zhur. fiz. khim. 30 no. 7:1473-1483 Jl '56.

HYDROGEN SULFIDE

Classification of industrial absorbents for hydrogen sulfide by their thermodynamic characteristics. M. S. Litvinenko, S. P. Lundin. Zhur. prikl. khim. 29 no. 4: 543-548 Ap '56.

Iron-citric medium for determining formation of hydrogen sulfide. A. B. Chernomordik. Lab. delo 2 no. 5: 27 S-O '56.

Role of hydrogen disulfide in vulcanization. E. I. Tiniakova, E. K. Khrennikova, B. A. Dolgoplosk. Izv. AN SSSR. Otd. khim. nauk no. 9:1152-1154 S '56.

HYDROG[illegible]ION

...phenol ethers during catalytic hydrogena-
...L. A. Erivanskaia, V. V. Kontseva.
...o. 9:2562-2567 S '56.

...openylcyclopropane in the presence
...A. Kazanskii and others. Izv. AN
...no. 9:1102-1108 S '56.

...division under Bakhta River

... AND TEACHING

...rs. A. Filippov. Sov. mor. 16

...nder Antarctic regions; Chu Val-
...; Ukraine)

...ofile from conditions of congru-
...mber of cuts and fills, and de-
...opes of rivers. G. A. Alekseev.
...37-39 Ag '56.

... of maximun stream flow. V. M.
... Meteor. i gidrol. no. 8:66-67

...ngress of the Communist Party
...e sixth five-year plan and
...rological service. A. A. Zolo-
..., no. 9:3-11 S '56.

...ief of a hydrological station
...ons. E. N. Mozhaikin. Meteor.
...'56.

Water balance of an irrigated region. L. V. Dunin-Barkovskii. Izv. AN SSSR. Ser. geog. no. 5:61-73 S-O '56.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—CONGRESSES

The Tenth All-Union Hydrochemical Conference. A. I. Dzens-Litovskii. Izv. AN SSSR. Ser. geog. no. 5:139-142 S-O '56.

HYDROLYSIS

Condensation of raw materials in hydrolytic apparatus. M. N. Kaplan. Gidroliz. i lesokhim. prom. 9 no. 4: 29-30 '56.

Dry soybean fermentation hydrolyzate. S. A. Genin, E. Chinenova. Ref. nauch. rab. VNIIKOP no. 3:57-61 '55.

Fire-brick lining of hydrolytic apparatus. IU. M. Volkov. Gidroliz. i lesokhim. prom. 9 no. 5:22 '56.

Hydrolysis of adipic and sebacic acid polyanhydrides. M. S. Dudkin, E. M. Gol'dshtein. Zhur. ob. khim. 26 no. 9:2550-2562 S '56.

Hydrolysis of methoxyphenols. D. Tishchenko, V. Fedunov, N. Nonova. Zhur. prikl. khim. 29 no. 9:1447-1449 S '56.

Hydrolytic apparatus with a 30-cubic-meter capacity. E. F. Morozov, A. G. Savinykh. Gidroliz. i lesokhim. prom. 9 no. 5:21 '56.

Improving the acid liquor mixer. D. M. Hazanov, N. G. Korovin. Gidroliz. i lesokhim. prom. 9 no. 5:22 '56.

Industrial use of hydrolyzate neutralization with controlled crystallization of gypsum. I. K. Cheremukhin. Gidroliz. i lesokhim. prom. 9 no. 5:19 '56.

Neutralization of hydrolyzates with controlled crystallization of gypsum. I. I. Korol'kov, Z. A. Tiagunova. Gidroliz. i lesokhim. prom. 9 no. 5:3-5 '56.

Perfecting pentose and hexose hydrolysis of cottonseed hulls. M. E. Shpunova, N. S. Makarimenko, L. G. Grankina. Gidroliz. i lesokhim. prom. 9 no. 4:7-9 '56.

Reducing losses of intermediate products in the production of hydrolytic xylose. N. A. Vasiuntina, S. V. Chepigo, S. V. Pavlov. Gidroliz. i lesokhim. prom. 9 no. 4 15-17 '56.

Research in the anthraquinone series. Part 26. Hydrolysis of 1, 5-anthraquinonedisulfonic acid. V. V. Kozlov. Zhur. ob. khim. 26 no. 9:2017-2022 S '56.

Synthesis and properties of triphenylsiloxysilanes and products of their hydrolysis. V. S. Chugunov. Izv. AN SSSR. Otd. khim. nauk no. 9:1089-1091 S '56.

Thermal conversion of cellulose into easily hydrolyzed form. V. I. Sharkov, O. A. Dobush. Zhur. prikl. khim. 29 no. 9:1411-1418 S '56.

Using automatic regulators in hydrolysis plants. A. S. Shubalin, M. M. Sapiro. Gidroliz. i lesokhim. prom. 9 no. 4:21-23 '56.

HYDROMICA

Electronography of hydromica. B. B. Zvigin. Kristallografiia 1 no. 2:214-217 '56.

HYGIENE, INDUSTRIAL see Industrial hygiene

HYGIENE, MILITARY see Military hygiene

HYGIENE, VETERINARY see Veterinary hygiene

HYOID BONE

Possibility of damaging the cornua cartilaginis thyroideae and the hyoid bone in injuries of the neck. D. E. Dzhems-Levi. Vest. oto-rin. 18 no. 5:137-138 S-O '56.

HYPERTENSION

Bogolepov, N. K. [Preventing hypertension and arteriosclerosis; a neuropathologist's advice] O preduprezhdenii gipertonicheskoi bolezni i ateroskleroza; sovety nevropatologa. Moskva, Medgiz, 1956. 98 p. (DAFM)

Characteristics of psychical factors in hypertension according to the Pavlovian theory on types of higher nervous function. B. V. TSuker. Fiziol. zhur. [Ukr.] 1 no. 5:67-73 S-O '55.

Complications of hypertensive diseases. F. E. Ostapiuk, K. A. Makarova. Klin. med. 34 no. 9:73-78 S '56.

Early diagnosis and therapy of hypertensive disease and its significance for prevention of coronary insufficiency. L. A. Varshamov. Sov. med. 20 no. 9:11-15 S '56.

Effect of amytal and its combination with dibazol on experimental pituitary hypertension. A. A. Bolous. Fiziol. zhur. 42 no. 5:403-406 My '56.

Effect of barbamil on conditioned reflex activity in dogs under normal conditions and in experimental hypertension. G. S. Gvishiani. Zhur. vys. nerv. deiat. 6 no. 4:570-583 Jl-Ag '56.

Hypertension. M. G. Shneidarovich. Med. sestra 15 no. 9:12-16 S '56.

Pregnancy and labor in women with hypertension. E. A. Azletskaia-Romanovskaia. Vop. okh. mat. i det. 1 no. 5:68-73 S-O '56.

Result of the treatment of hypertension with a paravertebral procaine block. N. M. Davydov. Terap. arkh. 28 no. 6:60-62 '56.

HYPOGLYCEMIA

Effect of deficiency or excess of thyroxine on insulin hypoglycemia. B. S. Rodkina. Probl. endok. i gorm. 2 no. 4:101-109 Jl-Ag '56.

HYPOTENSION
Changes in the higher nervous activity in certain forms of arterial hypotension. V. P. Sil'vestrov. Terap. arkh. 28 no. 6:76-84 '56.
Clinical features of the course of pregnancy and labor in hypotensive women. L. E. Valsman. Akush. i gin. 32 no. 4:41-47 Jl-Ag '56.
Hemodynamic indices in arterial hypotension. V. P. Sil'vestrov. Klin. med. 34 no. 9:62-68 S '56.

HYPOTHERMIA
Course of camphor epilepsy in hypothermia. Report no. I: Characteristics of inhibition of the central nervous system in hypothermia. R. B. TSynkalovskii, IA. I. Azhipa. Biul. eksp. biol. i med. 42 no. 8:35-38 Ag '56.
Using artificial hypothermia in surgery. I. R. Petrov. Voen.-med. zhur. no. 7:9-19 Jl '56.

HYSTERIA
Hysterical manifestations in some diseases. N. N. Anosov. Klin. med. 34 no. 9:47-51 S '56.

IAKOBI, BORIS SEMENOVICH, 1801-1874
Outstanding Russian military scientist; on the 155th anniversary of B. S. IAkobi's birth. A. Ivolgin. Voen. znan. 31 no. 9:31 S '55.

IAKOVLEV, NIKOLAI NIKOLAEVICH
Book about an old Bolshevik ("N. N. IAkovlev, Chairman of Siberian Headquarters. V. V. Riabikov. Reviewed by I. Gol'dberg). Sib. ogni 35 no. 4:188-189 Jl-Ag '56.

IAKUBOVSKII, ALEKSANDR IUR'EVICH, 1886-1953
Aleksandr IUr'evich IAkubovskii; obituary. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7:5-6 '55.

IANOVSKII, MIKHAIL IOSIFOVICH, 1886-1949
M. I. IAnovskii's studies on the theory and calculations of steam and gas turbines. G. G. Zharov. Trudy VNITOSS 6 no. 1:128-135 '53.
Professor M. I. IAnovskii's contributions to the science of design and calculation of the strength of turbine parts. A. A. Moiseev. Trudy VNITOSS 6 no. 1:119-127 '53.

ICE see subdivision under Antarctic regions

ICE-BREAKING VESSELS see subdivision under Arctic regions

ICE CRYSTALS
Crystallization of supercooled water subjected to turbulent mixing. A. G. Kolesnikov, V. I. Bellaev. Dokl. AN SSSR 100 no. 6:1129-1132 Ag '56.
On the number of ice crystals in supercooled water. D. N. Bibikov. Dokl. AN SSSR 100 no. 6:1123-1125 Ag '56.

ICE ON RIVERS, LAKES, ETC.
Freezing of rivers. A. O. Kommerikh. Priroda 45 no. 10:127-128 O '56.

ICEHOUSES
Selecting optimum capacity ice storage facilities for railroad ice plants. P. IA. Korobko. Trudy TASHIIT no. 6:95-102 '56.

ICELANDIC LITERATURE, MODERN—HISTORY AND CRITICISM
Literature and peace. Halldór Laxness. Translated by V. Morozova. Oktiabr' 33 no. 10:160-163 O '56.

ICONS
[Catalog of books, crosses and icons] Katalog knig, natel'nykh krestikov i ikon. Jordanville, N. Y., Holy Trinity Monastery, 1956. 16 p.

ILLUMINATION see Lighting

ILLUMINATION OF BOOKS AND MANUSCRIPTS
Miniatures of the Imperial Book as a source for the history of the Moscow uprisig of 1547. S. O. Shmidt. Probl. istoch. no. 5:265-284 '56.

ILLUSTRATION OF BOOKS
"Explanation of drawings in the ancient history textbook for classes 5 and 6 in the secondary school." S. N. Benklier. Reviewed by M. Maksimova. Prep. ist. v shkole 11 no. 5:111-112 S-O '56.
How I worked on the illustrations of Heine's "Selected works." A. D. Goncharov. Nauch. trudy MPI no. 3: 171-174 '55.
"Shun and Kung." V. Shevchenko. Nova no. 10:205 O '56.

IL'MEN MINERALOGICAL PRESERVE
In the mountains of a preserve. IA. Fomenko. Ogonek 34 no. 43:8 O '56.

IL'MENSKIYE HILLS—AMPHIBOLE
Data on the characteristics of amphiboles and pyroxenes of pegmatite veins in the Il'menskiye Hills. L. E. Rotman. Uch. zap. Ped. inst. Gerts. 117:55-83 '56.

IL'MENSKIYE HILLS—PYROXENES
Data on the characteristics of amphiboles and pyroxenes of pegmatite veins in the Il'menskiye Hills. L. E. Rotman. Uch. zap. Ped. inst. Gerts. 117:55-83 '56.

IMIDAZOLE
Research in the imidazole series. Part 5. Effect of phosphorus oxychloride, acetic acid, and phosphoric acid on 2- B -ketoalkyl-(aryl)-mercaptoimidazoles. P. M. Kochergin. Zhur. ob. khim. 26 no. 9:2493-2498 S '56.

IMMIGRATION see Emigration and immigration

IMMUNITY
Acquired and age-dependent immunity in echinococcus of the intestines in dogs. A. F. Nosik. Sbor. trud. Khar'. vet. inst. 20:156-162 '49.
Data on immunological reactivity in schizophrenia. N. M. Zharikov and others. Zhur. nevr. i psikh. 56 no. 8: 612-621 '56.

INCOME TAX
Vinokur, S.L., and A.V.Mogilevich. [Computation and collection of tax payments from the wages of workers and employees] Ischislenie i vzimanie nalogovykh platezhei s zarabotnoi platy rabochikh i sluzhashchikh. Izd. 2-oe, dop. Moskva, Gosfinizdat, 1956. 79 p.

INCUBATION
Embryonic development of chicks in an indoor-type incubator ("Ukrgigant"). E. F. Lisitskii, G. S. Krok. Sbor. trud. Khar'. vet. inst. 20:29-36 '49.

INCUBATORS
Make it yourself. I. Kozyr'. IUn. nat. no. 2:40 My '56.

INDEXES, CARD see Card system in business; Catalogs, Card

INDIA—BANKS AND BANKING
The credit system in India. L. Glikson. Den. i kred. 14 no. 10:55-63 O '56.

INDIA—CARTOGRAPHY
The state of cartography in India. K. A. Salishchev. Izv. AN SSSR. Ser. geog. no. 3:131-133 My-Je '56.

INDIA—COTTON BREEDING
Success of Indian breeders in Punjab. A. Aleksandrov. Khlopkovodstvo 6 no. 9:55-56 S '56.

INDIA—CREDIT
The credit system in India. L. Glikson. Den. i kred. 14 no. 10:55-63 O '56.

INDIA—DANCING—FOLK AND NATIONAL DANCES
Masters of Indian art in Moscow. Sov. muz. 20 no. 10: 122-123 O '56.

INDIA—DESCRIPTION AND TRAVEL
Kraminov, D. F. [Through India; travel notes and sketches] Po Indii; putevye ocherki i zarisovki. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 230 p.

INDIA—FOREIGN RELATIONS—RUSSIA
First Russian ambassadors to India. H. Kurylenko. Ukraina no. 18:15 S '56.

INDIA—GEOGRAPHY—CONGRESSES
Participation of Soviet geographers in the international geographic seminar in India. I. P. Gerasimov. Izv. AN SSSR. Ser. geog. no. 3:124-130 My-Je '56.

INDIA—GEOGRAPHY—STUDY AND TEACHING
Advanced geographical training in India. A. M. Riabchikov. Izv. AN SSSR. Ser. geog. no. 3:134-137 My-Je '56.

INDIA—HISTORY
Ancient India. A. M. Osipov. Prep. ist. v shkole 11 no. 5:42-57 S-O '56.

INDIA—MOTION PICTURES
A people speaks to a people. Khwaja Ahmad Abbas. Ogonek 34 no. 44:17 O '56.

INDIA—PHYSICAL GEOGRAPHY
Deshpande, S. D. [Western India; a regional geography. Abridged translation from the English] Zapadnaia Indiia geograficheskii obzor. Sokrashchennyi perevod s angliiskogo A. A. Velizheva i G. V. Gospodinova. Pod red. M. K. Fedorenko. Moskva, Izd-vo inostrannoi lit-ry, 1956. 261 p.

INDIA—POLITICAL PARTIES
India's strongest political parties. L. IUrevich. Nov. vrem. 14 no. 45:30-31 N '56.

INDIA—POWER ENGINEERING
Power engineering in India. N. M. Chuprakov. Elektrichestvo no. 10:83-87 O '56.

INDIA—SOCIAL CONDITIONS
Meeting India. V. Khmara. Krest'ianka 35 no. 11:18-20 N '56.

INDIA—TRACK ATHLETICS
Six weeks in India. E. Kuznetsov. Leg. atl. no. 9:20 S '56.

INDIA—TRADE UNIONS
Petroleum workers of India are fighting for trade-union unity. IU. M. Mukharliamov. Neftianik 1 no. 7:35-36 Jl '56.

Some problems facing the trade-union movement in India. S. A. Dange. Vsem. prof. dvizh. no. 9:7-12 S '56.

INDIANS OF NORTH AMERICA—LEGENDS
Indian legends about flowers. Vokrug sveta no. 10: 47 O '56.

INDIC MANUSCRIPTS see Manuscripts, Indic

INDICATING INSTRUMENTS see Recording instruments

INDIGIRKA VALLEY—LARCH
Fossil remains of trees. A. N. Tolstov. Priroda 45 no. 10:102-104 O '56.

INDIGIRKA VALLEY—PHYSICAL GEOGRAPHY
Data on the geological and geomorphological examination of the discovery site of the neolithic man in the Kolyma channel of the Indigirka River. A. N. Tolstov, P. F. Shvetsov. Izv. AN SSSR. Ser. geog. no. 3:85-89 My-Je '56.

INDIGO
X-ray analysis of indigo and thioindigo. E. A. Gribova, G. S. Zhdanov, G. A. Gol'dberg. Kristallografiia 1 no. 1:53-60 '56.

INDIUM
Indium. V. A. Parfenov. Nauka i zhizn' 23 no. 11:63 N '56.

INDIUM—ISOTOPES
Methods for the separation of radioactive isotopes without a carrier. Part 2. Separation of the radioactive isotope of indium in 115m. N. P. Rudenko. Zhur. neorg. khim. 1 no. 7:1680-1686 Jl '56.

INDIUM ANTIMONIDE—ELECTRIC PROPERTIES
Structure and electric properties of thin layers of InSb. I. D. Konozenko, S. D. Mikhnovs'kyi. Ukr. fiz. zhur. 1 no. 2:151-157 Ap-Je '56.

INDIUM FLUORIDE CRYSTALS
X-ray analysis of $InF_3 \cdot 3H_2O$. G. B. Bokii, T. S. Khodashova. Kristallografiia 1 no. 2:197-204 '56.

INDONESIA—DESCRIPTION AND TRAVEL
Country on the equator (to be continued). Ifi Marek. Vokrug sveta no. 10:54 O '56.

INDONESIA—FOREIGN RELATIONS—RUSSIA
Bright demonstration of friendship. Fizk. i sport 26 no. 10:1 '56.

INDONESIA—GEOPHYSICS
Preparing for seismic works in Indonesia according to the program of the International Geophysical Year. Vest. AN SSSR 26 no. 10:91 O '56.

INDONESIA—POLITICS AND GOVERNMENT
Soekarno, Achmed. [Indonesia accuses; a collection of articles and speeches. Translated from the Indonesian and English] Indoneziia obviniaet; sbornik statei i rechei. Perevod s indonezliskogo i angliiskogo. Moskva, Izd-vo inostrannoi lit-ry, 1956. 361 p.

INDONESIA—RELATIONS (GENERAL) WITH RUSSIA
Members of the Indonesian Parliament. Ogonek 34 no. 40:3 S '56.
"Sudara vartavan" (Comrade journalist). V. Gidaspov. Sov. pech. no. 10:40-41 O '56.
Welcome, Brother Karno. Ukraina no. 18:3 S '56.

INDONESIAN PAINTINGS see Paintings, Indonesian

INDUCTANCE
Calculation of conductor inductances by means of Maxwell's equations. A. V. Kamenskii. Trudy MAI no. 66:62-66 '56.
Differential arrangements for comparing mutual inductances. A. D. Nesterenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:32-34 '55.

INDUCTION (ELECTRICITY)
Experiments on self-induction. N. A. Patrikeeva. Fiz. v shkole 16 no. 5:76 S-O '56.

INDUCTION (MATHEMATICS)
Golovina, L.I., and I.M.IAglom. [Induction in geometry] Induktsiia v geometrii. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 98 p. (Populiarnye lektsii po matematike, no. 21)

INDUCTION HEATING
Thermal conditions in the induction heating of metals worked by pressing. M. G. Kogan. Metalloved. i obr. met. no. 9:49-56 S '56.
Wood gluing using thermosetting adhesives in high-frequency current fields. I. F. Kanashevich. Der. prom. 5 no. 10:17-18 O '56.

INDUSTRIAL BUILDINGS
New standard building plans for light industry enterprises. I. Lerner. Arkhit. SSSR no. 10:23-26 '56.

INDUSTRIAL CHEMISTRY see Chemistry, Technical

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL HYGIENE

Experience in detailed analysis of temporary incapacity to work due to illness. M. S. Meller, G. B. Shteinberg. Gig. i san. 21 no. 10:36-43 O '56.

Guarding our most precious possession. Sov. profsoiuzy 4 no. 10:35-37 O '56.

Help from active Red Cross workers. N. Sekinaeva. Sov. kras. krest 6 no. 5:8 S-O '56.

"Microclimat" in the workshop. G. Shakhbazian. Nauka i zhizn' 23 no. 10:30-32 O '56.

A new device for experimental research on the effect of industrial dust on the organism. V. B. Latushkina. Gig. i san. 21 no. 6:18-24 Ag '56.

Preface. Ozdor. usl. trud. na zav. no. 6:3-4 '56.

Standardization of a forced-air heating system with a concentrated air outlet. N. N. Sankovich, S. S. Frykin. Gig. i san. 21 no. 10:20-25 O '56.

Ways of decreasing morbidity in factories producing liquid fuel. Z. E. Grigor'ev. Gig. i san. 21 no. 10: 44-46 O '56.

INDUSTRIAL MANAGEMENT

The administration of socialist industrial enterprises. Mosk. prop. 13 no. 10:50-54 O '56.

"Analysis of the economic activity of enterprises." Reviewed by A. Margulis. Bukhg. uchet 15 no. 10: 57-62 O '56.

Arakelian, A.A. [Fixed capital in socialist industry] Osnovnye fondy sotsialisticheskoi promyshlennosti. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti, vyp. 1, no. 1)

Economic conference on the problems of intrafactory business accounting. A. Hlamazda, P. Kharchenko. Visnyk AN URSR 27 no. 9:54-60 S '56.

Economic obsolescence and amortization of fixed assets in a socialist economy. V. Vorotilov. Plan. khoz. no. 4:45-54 '56.

[The economics of socialist industrial enterprises; a textbook] Ekonomika sotsialisticheskikh promyshlennykh predpriiatii; uchebnoe posobie. Moskva, Gos. izd-vo polit. lit-ry, 1956. 470 p.

Socialist industry and tasks in its further development. Mosk. prop. 13 no. 9:23-28 S '56.

Specialization of factories within industrial branches. M. L. Ratner. Vest. mash. 36 no. 10:65-73 O '56.

INDUSTRIAL ORGANIZATION

The 20th Congress of the Communist Party of the Soviet Union and problems of labor productivity in the U. S. S. R. V. Krylov. Vest. Inst. po izuch. SSSR no. 3: 56-72 Jl-S '56.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL SAFETY

Determining the explosion-hazard category of industrial premises; a discussion. P. M. Tarasenkov. Energ. biul. no. 10:17-19 O '56.

"Electrical safety in the machinery manufacturing plant." N. D. Kiselev. Reviewed by S. I. Tarasov. Prom. energ. 11 no. 9:38-40 S '56.

In the Technical Council of the Ministry of the Construction Industry of the U. S. S. R. Nov. tekh. i pered. op. v stroi. 18 no. 10:30 O '56.

New regulations for electric equipment in explosion-hazardous locations. I. I. Rakovich. Prom. energ. 11 no. 10:1-5 O '56.

Protection of labor and safety engineering guard the workers' health. Blok. agit. no. 33:10-13 N '55.

INDUSTRIAL SAFETY LAWS AND LEGISLATION

ensuring industrial safety.
2 '56.

Some characteristics of distribution of the machine-building industry of the U. S. S. R. A. G. Omarovskii. Izv. AN SSSR, Ser. geog. no. 3:40-49 My-Je '56.

INDUSTRY

Industrial section of the party committee. S. Sorokin. Komm. Kazakh. 26 no. 11:33-38 N '56.

INDUSTRY—FINANCE

Effectiveness of credit for new equipment. O. Kadinskii. Den. i kred. 14 no. 10:32-36 O '56.

INDUSTRY—HISTORY

Manuscript industrial atlas, 1777-1778. D. M. Lebedev. Izv. AN SSSR. Ser. geog. no. 3:96-99 My-Je '56.

INEQUALITIES (MATHEMATICS)

Generalization of an integral inequality. V. P. Il'in. Usp. mat. nauk 11 no. 4:131-136 Jl-Ag '56.

Grigor'ev, N.I. [Inequalities in the algebra course for class 10; a practical manual] Neravenstva v kurse algebry 10 klassa; metodicheskaia razrabotka. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 82 p.

INERTIA, MOMENTS OF see Moments of inertia

INFANTS (NEWBORN)—DISEASES

Prevention and control of asphyxia and intracranial hemorrhage in fetuses and in newborns. I. A. Shtern. Akush. i gin. 32 no. 4:3-13 Jl-Ag '56.

INFECTION

Aerobic microflora of accident wounds in peace time and effectiveness of antiseptics in the control of microbial infections. V. M. Svetovidova, I. D. Kovaleva. Khirurgiia. 32 no. 7:50-53 Jl '56.

Cases of infectious psychoses. IU. P. Tolstov. Vest. oto-rin. 18 no. 5:102-103 S-O '56.

The problem of surgical infection. V. A. Ivanov. Khirurgiia. 32 no. 7:3-13 Jl '56.

INFECTIOUS ANEMIA

Siderocytes in the peripheral blood in virus anemia. A. P. Gindin and others. Biul. eksp. biol. i med. 42 no. 9:20-21 S '56.

INFECTIOUS DISEASES see Communicable diseases

INFLUENZA

Etiology, pathogenesis, and clinical aspects of influenza N. V. Sergeev. Vest. oto-rin. 18 no. 5:3-10 S-O '56.

Korolev, A. M. [Influenza and its prevention] Gripp i mery bor'by s nim. [Gor'kii] Gor'kovskoe kn-vo, 1956. 23 p. (DAFM)

Using achrichine in virus influenza. B. T. Komissarenko. Voen.-med. zhur. no. 7:90 Jl '56.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

New type of statistical and informational machines. L. I. Gutenmakher. Vest. AN SSSR 26 no. 10:12-21 O '56.

INFORMATION THEORY—CONGRESSES see subdivision under London; Moscow

INFRARED PHOTOGRAPHY see Photography, Infrared

INFRARED RAYS

Can one see at night? S. Rykov. Voen. znan. 31 no. 6: 14-15 Ag '56.

Some optical manifestations of the oxygen recombination process in the upper atmosphere. V. I. Krasovskii. Astron. zhur. 33 no. 4:605-613 Jl-Ag '56.

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Boiling and drying Baltic herring with infrared rays. N. N. Sakharova. Ryb. khoz. 32 no. 9:84-87 S '56.

Drying varnished tin plates with infrared rays in tunnel-type kilns. V. Z. Lukov. Ryb. khoz. 32 no. 9:34-35 S '56.

"Practical applications of infrared rays" [in French] by Maurice Deribéré. Reviewed by I. B. Levitin. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:399-400 S-O '56.

Use of infrared quartz lamps to heat parts (Plant Engineering no. 3 1956). Prom. energ. 11 no. 8:30 Ag '56.

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA

Oxidative phosphorylation in Infusoria. K. L. Stukkei. Biul. eksp. biol. i med. 42 no. 8:43-46 Ag '56.

INGOTS, STEEL see Steel ingots

INHALATION (THERAPEUTICS)

A method of using aerogel in respiratory tract diseases. M. I. Suzdorf. Sov. med. 20 no. 9:85-86 S '56.

Technic of aerosol inhalation in experimentation. P. S. Koren'kov. Vest. oto-rin. 18 no. 5:23-26 S-O '56.

INHERITANCE (BIOLOGY) see Heredity

INHERITANCE OF ACQUIRED CHARACTERS

The inheritance of acquired characteristics based on data from experimental work on changes in the heredity of characteristics of rabbit fur. E. N. Pavlovskii. Trudy AN Tadzh. SSR 31:41-58 '55.

INHIBITION

Changes in the excitability of a nerve depending on the quality of agents causing parabiosis. L. I. Chilingarian. Uch. zap. MGPI 84:111-117 '55.

Course of camphor epilepsy in hypothermia. Report no. 1: Characteristics of inhibition of the central nervous system in hypothermia. R. B. TSynkalovskii, IA. I. Azhipa. Biul. eksp. biol. i med. 42 no. 8:35-38 Ag '56.

Evolution of inhibition. Fiziol. zhur. 42 no. 9:739-744 S '56.

INHIBITION (CHEMISTRY)

Effect of inhibitors on the solution of iron in alkaline solutions. S. D. Levina. Zhur. prikl. khim. 29 no. 9: 1353-1356 S '56.

INJECTIONS, INTRA-ARTERIAL

Intra-arterial infusion of therapeutic substances according to data from an all-Union survey. A. I. Svistunenko. Khirurgiia. 32 no. 7:45-48 Jl '56.

INJECTIONS, INTRAPERITONEAL

Morphological reactions of the peritoneum in intraperitoneal prophylactic penicillin injections. O. L. Koropatnitskaia, IA. E. Ermolovich, N. B. Zelenova. Khirurgiia. 32 no. 7:75-76 Jl '56.

INJURIES see Wounds

INLAND NAVIGATION

Characteristics of rolling in river vessels. IA. I. Voitkunskii, A. N. Shebalov. Trudy VNIIOSS 6 no. 1:59-63 '53

Measures to improve the technical operation of ships of the river fleet. L. Blidman. Rech. transp. 15 no. 8: 21 Ag '56.

Standardization of ships used in inland navigation. A. B. Balbakov. Rech. transp. 15 no. 8:10-12 Ag '56.

INLAND WATER TRANSPORTATION
(see also subdivision under Siberia, Eastern)

Basic measurements and indices of river fleet operation. A. Gleizer. Blok. agit. vod. transp. no. 20:27-33 O '56.

Competition between sea and river crews for fulfilling the plan of the first year of the sixth five-year plan ahead of time; figures and facts. Blok. agit. vod. transp. no. 20:45-3 of cover O '56.

Complete river navigation successfully. N. Ovsiankov. Blok. agit. vod. transp. no. 19:9-16 O '56.

Develop the moving of freight by combined railroad and water transport. I. Kraev. Blok. agit. vod. transp. no. 16:1-7 S '56.

Developing electric and radio navigation techniques in inland water transportation during the sixth five-year plan. V. P. Konstantinov. Rech. transp. 15 no. 8:13-16 Ag '56.

INLAND WATER TRANSPORTATION—BIBLIOGRAPHY see Bibliography—Inland water transportation

INSCRIPTIONS

Twelfth-century Old Russian inscription on a knife handle from Drogichin. A. V. Poppe. Probl. istoch. no. 5: 328-333 '56.

INSECT BAITS AND REPELLENTS

New repellent ointment. E. N. Pavlovskii. Voen.-med. zhur. no. 7:48-49 Jl '56.

New repellents against blood-sucking insects, developed by the Scientific Institute of Fertilizers, Insecticides and Fungicides. P. A. Petrisheeva, A. P. Budak, B. A. Gaiko. Voen.-med. zhur. no. 7:49-53 Jl '56.

INSECT GALLS see Galls (Botany)

INSECTICIDES
(see also subdivision under Great Britain; United States)

Insecticide smoke pots. IA. S. Kogl'. Priroda 45 no. 10: 89-90 O '56.

Sand treated with insecticide for controlling flies. V. I. Novikov. Voen.-med. zhur. no. 7:90 Jl '56.

Using insecticide pots for local control of mosquitoes. S. S. Dogtiarev, O. S. Sakovich. Voen.-med. zhur. no. 7:65-68 Jl '56.

"Vophatox" against shield bugs. I. T. Ivanov. Zashch. rast. ot vred. i bol. 1 no. 4:58-59 S-O '56.

INSECTS

Marikovskii, P. IU. [The wonderful fruit fly; an entomologist's stories] Chudesnaia poatrokrilka; rasskazy entomologa. Risunki E. Vizina. Moskva, Detgiz, 1955. 124 p. (NN)

INSECTS, INJURIOUS AND BENEFICIAL

Wood-destroying insects. A. N. Borshchevskii. Priroda 45 no. 10:104-107 O '56.

INSEMINATION, ARTIFICIAL see Artificial insemination

INSPECTION OF FOOD see Food—Adulteration and inspection

INSTINCT

Hereditary nature of the reaction to a challenge. A. IE. Burkser, I. IE. Volovenko. Fiziol. zhur. [Ukr.] 1 no. 6: 21-30 S-O '55.

INSTRUMENT FLYING
Characteristics of night flying. V. G. Klochko. Vest. Vozd. Fl. 38 no. 5:16-19 My '56.

INSTRUMENT INDUSTRY
Main problems in over-all mechanization of the medical instruments industry. I. A. Antonov. Med. prom. 10 no. 3:10-13 Jl-S '56.
Specialization in the medical instruments industry. V. A. Dvorinkovskii. Med. prom. 10 no. 3:13-16 Jl-S '56.
Workshops need factories manufacturing measuring instruments. A. D. Snagovskii. Izm. tekh. no. 4:97 Jl-Ag '56.

INSTRUMENTS, AERONAUTICAL see Aeronautical instruments

INSTRUMENTS, ELECTRIC see Electric instruments

INSTRUMENTS, ELECTRONIC see Electronic instruments

INSTRUMENTS, ENGINEERING see Engineering instruments

INSTRUMENTS, MARINE see Nautical instruments

INSTRUMENTS, MATHEMATICAL see Mathematical instruments

INSTRUMENTS, MEASURING see Measuring instruments

INSTRUMENTS, MEDICAL see Medical instruments and apparatus

INSTRUMENTS, OPTICAL see Optical instruments

INSTRUMENTS, PHYSICAL see Physical instruments

INSTRUMENTS, SCIENTIFIC see Scientific apparatus and instruments

INSTRUMENTS, SURGICAL see Surgical instruments and apparatus

INSTRUMENTS, SURVEYING see Surveying—Instruments

INSULATING MATERIALS
(see also subdivision under Czechoslovakia)
Choosing insulation for the holds of refrigerator ships. A. T. Mitsevich. Ryb. khoz. 32 no. 9:18-24 S '56.
"Gas ceramic", a new heat insulating and building material. R. Angenitskata, V. Krestnikova. Strol. mat., izdel. i konstr. 2 no. 9:29 S '56.
Heat insulating materials industry in the sixth five-year plan. G. Kuznetsov. Strol. mat., izdel. i konstr. 2 no. 9:1-4 S '56.

INSULATING OILS
Oil containers, regeneration of oil and thermosiphon filters. M. V. Khomiakov. Energetik 4 no. 10:39 O '56.
Water solubility in insulating oils. P. A. Lipshtein, E. N. Shtern. Khim. i tekh. topl. no. 11:46-54 N '56.

INSULATION (ELECTRIC) see Electric insulators and insulation

INSULATION (HEAT)
Heatproof walls. P. Studentsov, S. Prokhorov. Arkhit. SSSR no. 10:28-30 '56.
Moisture characteristics of insulating material used in heating systems. V. P. Vitai'ev. Elek. sta. 27 no. 9:7-10 S '56.

INSULIN
Characteristics of carbohydrate metabolism during lactation in diabetes mellitus. D. E. IAnkolevich. Biul. eksp. biol. i med. 42 no. 8:31-34 Ag '56,
Problem of insulin-resistant forms of diabetes mellitus. L. L. Liberman. Probl. endok. i gorm. 2 no. 4:86-89 Jl-Ag '56.

INSURANCE, SOCIAL
(see also subdivision under Gorkiy Province; Great Britain; Ivanovo; Kalinin; Kostroma Province; Lipetsk Province; Pushkino Province; Stalingrad; Tartu; Tula Province)
The budget of state social insurance. I. Kozlov. Sots. trud. no. 4:24-31 Ap '56.
Foreign visitors. Sots. obesp. 17 no. 10:63 O '56.
A glance at the press. Sots. obesp. 17 no. 9:60 S '56.
Guarantying assistance for temporary disability. V. V. Karavaev. Sov. gos. i pravo no. 7:72-84 '56.
In the interests of the people. Sots. obesp. 17 no. 10: 59-61 O '56.
Information on earnings for the calculation of pensions. G. Petrov-Denisov. Sots. obesp. 17 no. 10:10-13 O '56.
Inspectors; their activities and concerns. V. Shipov. Sots. obesp. 17 no. 10:25-30 O '56.
More efficiency in mailing out money remittances. O. Semenov. Sots. obesp. 17 no. 10:23 O '56.
The new law has gone into effect. Sots. obesp. 17 no. 10: 1-3 O '56.
New law on state pensions. M. Lirtsman, I. Treflov. Otv. na vop. trud. no. 72:3-9 '56.
The new system of paying pensions. M. Kotomin, G. Dudin. Sots. obesp. 17 no. 10:23-24 O '56.
On the former Nicholas Railroad. Sots. obesp. 17 no. 9:58-59 S '56.
Our consultation. Sots. obesp. 17 no. 9:59 S '56.
Our interviews. Sots. obesp. 17 no. 10:62 O '56.
Paging through newspapers. Sots. obesp. 17 no. 10:59 O '56.
The parting. A. Amsharina. Rabotnitsa 34 no. 11:23 N '56.
Pension insurance for invalids. L. Vaisfel'd. Sots. obesp. 17 no. 9:4-9 S '56.
Pensions for survivors of deceased breadwinners. K. Batygin. Sots. obesp. 17 no. 10:4-9 O '56.
Sensitiveness. Sots. obesp. 17 no. 9:1-3 S '56.
There's no room to receive visitors. A. Nazarov. Sots. obesp. 17 no. 9:18-19 S '56.
With false documents; from a law court. D. Mozzhukhin. Sots. obesp. 17 no. 9:61 S '56.
A word about a colleague. A. Popov. Sov. profsoiuzy 4 no. 10:72-73 O '56.

INTA DISTRICT—PALEONTOLOGY
Prehistoric lake near Inta. G. A. Dmitriev. Priroda 45 no. 11:105-107 N '56.

INTEGRAL EQUATIONS
Approximate solution of special integral equations. V. V. Ivanov. Dokl. AN SSSR 110 no. 1:15-18 S-O '56.
One theorem in the theory of branching of a solution for a class of nonlinear integral equations. K. T. Akhmedov. Uch. zap. AGU no. 6:3-11 '55.
Positive solutions for nonlinear integral equations with a kernel linear in respect to the parameter [in Azerbaijani with summary in Russian]. A. I. Guseinov. Uch. zap. AGU no. 12:3-18 '55.

INTEGRALS
Generalization of an integral inequality. V. P. Il'in. Usp. mat. nauk 11 no. 4:131-138 Jl-Ag '56.
Integrals of the Stieltjes-Cauchy type. G. TS. Tumarkin. Usp. mat. nauk 11 no. 4:103-160 Jl-Ag '56.

INTEGRALS, GENERALIZED
Theory of generalized integral transformations of functions of several variables. A. E. Avetisian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:3-24 '56.

INTEGRALS, MULTIPLE
Approximate formulas for multiple integrals of regular functions. Sh. E. Mikeladze. Soob. AN Gruz. SSR 17 no. 7:577-584 '56.

INTERCHANGEABLE MECHANISM
"Principles of interchangeability in the woodworking industry." I. V. Kulikov. Reviewed by S. B. Slutskii. Der. prom. 5 no. 10:25 O '56.

INTERFERENCE (LIGHT)
"Heterodynization" of light. S. I. Borovitskii, G. S. Gorelik. Usp. fiz. nauk 59 no. 3:543-552 Jl '56.

INTERFEROMETER
A new interference-type étalon. K. I. Tarasov. Opt. i spektr. 1 no. 1:103-104 My '56.

INTERNAL COMBUSTION ENGINES see Gas and oil engines

INTERNATIONAL EXCHANGES, LITERARY AND SCIENTIFIC see Exchanges, Literary and scientific

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958
International Geophysical Year. D. S. Martin. Vest. AN SSSR 26 no. 10:42-47 O '56.

INTERNATIONAL LAW
Peaceful coexistence and international law. G. I Tunkin. Sov. gos. i pravo no. 7:3-13 '56.

INTERPLANETARY VOYAGES
Before the flight into the cosmos. V. V. Rozenblat. Nauka i zhizn' 23 no. 11:25-28 N '56.
Cosmic navigation. V. V. Dobronravov. Nauka i zhizn' 23 no. 10:19-22 O '56.
Interplanetary voyages. F. IU. Zigel'. Fiz. v shkole 16 no. 5:91 S-O '56.
Stanlukovich, K.P. [Cosmic flights] O kosmicheskikh poletakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956, 30 p.

INTERPOLATION
Speed of convergence of Bernstein and Hermite-Feier interpolation processes, constructed for certain classes of nodes. D. L. Berman. Dokl. AN SSSR 108 no. 6: 1087-1090 Ag '56.

INTERSTELLAR GASES see Gases, Interstellar

INTERSTELLAR MATTER
Problems of continuity or variation in the form of curves showing interstellar absorption in different regions of the sky. N. V. Bystrova. Astron. zhur. 33 no. 4:563-567 Jl-Ag '56.
Role of solid particles in planetary cosmogony. O. IU. Shmidt. Priroda 45 no. 11:3-6 N '56.

INTESTINES
Reflex reactions of the small intestine to stimulation of vasoreceptors in a dog. N. K. Popov. Fiziol. zhur. [Ukr.] 1 no. 4:75-79 Jl-Ag '55.

INTESTINES—HYDATIDS
Acquired and age-dependent immunity in echinococcus of the intestines in dogs. A. F. Nosik. Sbor. trud. Khar'k. vet. inst. 20:158-162 '49.

INTESTINES—INNERVATION
Effect of reflexes from intestinal and splenic chemoreceptors in traumatic shock. B. A. Saakov, R. B. TSynkalovskii. Biul. eksp. biol. i med. 42 no. 8:18-21 Ag '56.
Electrophysiological investigation of the mechanism of chemoreception. Report no. 2: Modification of afferent impulses in intestinal nerves during the action of carbon dioxide and novocaine and during metabolic disorders induced by monoiodoacetic acid. N. A. Anikina. Biul. eksp. biol. i med. 42 no. 8:8-12 Ag '56.

INTESTINES—INTUBATION
Intestinal intubation in the prevention and therapy of gastrointestinal paralysis. A. A. Beliaev. Khirurgiia. 32 no. 7:69-73 Jl '56.

INTESTINES—SECRETIONS
Daily excretion of protein and nucleic acids in the intestinal juice in case of balanced and protein-deficient nutrition. Z. M. Gadzhieva. Biul. eksp. biol. i med. 42 no. 9:22-24 S '56.

INTESTINES—SURGERY
Modified Thiry-Vella's operation. L. P. Pankova. Fiziol. zhur. 42 no. 6:721-722 Ag '56.

INTOXICANTS see Stimulants

INTRA-ARTERIAL INJECTIONS see Injections, Intra-arterial

INTRAPERITONEAL INJECTIONS see Injections, Intraperitoneal

INTRATRACHEAL ANESTHESIA
Intubation gas anesthesia in surgery for tuberculosis. T. F. Glushchenko. Probl. tub. 34 no. 3:33-37 My-Je '56.

INVENTIONS
What impedes the development of inventiveness? A. Omel'chenko. Kommunist 33 no. 14:123-126 S '56.

INVENTORS—CONGRESSES
Businesslike and heated discussion. Ogonek 34 no. 44:2 O '56.

INVERTEBRATES—MAPS see subdivision under Soviet Far East

INVESTMENTS, AMERICAN see subdivision under Canada

IOANN, Metropolitan of Prague and All Czechoslovakia, 1901-
At the Church festivals in Czechoslovakia. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 7:71-75 Jl '56.
Biography of the new head of the Orthodox Church in Czechoslovakia. Zhur. Mosk. Patr. no. 7:75 Jl '56.

IODINE
Geochemistry of iodine of undergroundwaters in the Crimean steppe region [with English summary in insert]. M. N. Polikova. Geokhimiia no. 4:64-69 '56.
Waters occurring below the petroleum layers of the Maikop formation in Kobystan and their iodine content. M. S. Agalarov. Uch. zap. AGU no. 6:47-51 '55.

IODINE—ISOTOPES
Fate of radioiodine I-131 in tissue and organs in rabbits in experimental hypercholesterinemia and in atheromatosis. M. A. Lovchenko, V. G. Spesivtseva, A. M. Shishova. Terap. arkh. 28 no. 6:71-75 '56.

IODINE—THERAPEUTIC USE
Iodine prevention of endemic goiter. I. D. Korabel'nikov. Probl. endok. i gorm. 2 no. 4:120-121 Jl-Ag '56.

IODINE IN THE BODY
Functional state of the thyroid in cardiovascular insufficiency; data on radioiodine uptake. E. V. Sul'e. Probl. endok. i gorm. 2 no. 4:27-31 Jl-Ag '56.

IODINE OXIDES
Study of the solubility in the system $HF - I_2O_5 - H_2O$ (isotherm 0°). N. S. Nikolaev, IU. A. Buslaev. Zhur. neorg. khim. 1 no. 7:1672-1675 Jl '56.

IODONIUM COMPOUNDS
Crystal structure of the chloride and iodide of diphenyliodonium. T. L. Khotsianova. Dokl. AN SSSR 110 no. 1:71-74 S-O '56.

ION BEAMS
[Electron and ion emissions] Elektronnaia i ionnaia emissiia. Problemy sovremennoi fiziki 8 no. 9 '56. 220 p.

ION BEAMS (Continued)

Proton source with the thermal dissociation of hydrogen molecules. M. D. Habovych, Z. P. Fedorus. Ukr. fiz. zhur. 1 no. 2:158-169 Ap-Je '56.

ION EXCHANGE

Present-day use of ionites in the sugar industry ("Listy Cukrovarnicke" no. 7 1955). Sakh. prom. 30 no. 7: 59-61 Jl '56.

IONIC CRYSTALS

Viscous-friction resonator model for the illustration of the optical characteristics of absorbing media in the infrared range. Method no. I. L. D. Kislovskii. Opt. i spektr. 1 no. 5:672-684 S '56.

IONIC CRYSTALS—OPTICAL PROPERTIES

Relation between the parameters of longitudinal and transverse optical vibration of ions in crystals. M. A. Krivoglaz, S. I. Pekar. Zhur. eksp. i teor. fiz. 31 no. 2:343-346 Ag '56.

IONIZATION OF GASES

Electron capture and ionization in the interaction of single-charge positive ions and atoms of gases. N. V. Fedorenko, V. V. Afrosimov, D. M. Kaminker. Zhur. tekh. fiz. 26 no. 9:1929-1940 S '56.

Ionization of gases by $He^+$, $Ne^+$ and $A^+$ ions resulting in the formation of multicharge ions in a single interaction. N. V. Fedorenko, V. V. Afrosimov. Zhur. tekh. fiz. 26 no. 9:1941-1954 S '56.

IONIZED AIR see Air, Ionized

IONOSPHERIC RADIO WAVE PROPAGATION

Present-day presentations of meter-length wave propagation by means of dispersion in the ionosphere. E. L. Cherenkova. Elektrosviaz' 10 no. 10:22-28 O '56.

IONS

Distribution of ions between the solid and soluble phases. T. M. Polonskii. Dop. ta pov. L'viv. un. no. 3, pt. 2: 38-39 '52.

Effective dimensions of ionic radii. A. S. Povarennykh. Dokl. AN SSSR 109 no. 6:1167-1170 Ag '56.

IRAN

Iran. O. Gurevich. Otv. na vop. trud. no. 71:60-64 '56.

IRAN—MUSIC—PERIODICALS

In music magazines; Iran, Hungary, China. Sov. muz. 20 no. 9:139-142 S '56.

IRAN—RELATIONS (GENERAL) WITH UNITED STATES

History of Iran-United States relations during the First World War [in Azerbaijani with summary in Russian]. Z. Z. Abdullaev. Izv. AN Azerb. SSR no. 9:83-95 S '56.

IRAN—SILK MANUFACTURE

Silk manufacture in Byzantium and Iran in the 4th century. N. V. Pigulevskaia. Viz. vrem. 10:3-8 '56.

IRBA VALLEY—IRON ORES

Origin of skarn formations such as the Irba group of iron ore deposits. V. V. Bogatskii. Razved. i okh. nedr 22 no. 9:1-8 S '56.

IRELAND—TRADE UNIONS

"Unity is our strength." Vsem. prof. dvizh. no. 10:36-37 O '56.

Thermodynamics of the desulfurization of cast iron. A. M. Samarin, I. S. Kulikov. Zhur. neorg. khim. 1 no. 7:1566-1577 Jl '56.

IRON ALLOYS

Theory of the polymorphism of iron. V. N. Svechnikov, A. G. Lesnik. Fiz. met. i metalloved. 3 no. 1:87-96 '56.

IRON ALLOYS—ANALYSIS

Method for determining phosphorus in iron alloys without using shavings. N. A. Tananaev, I. A. Korobova. Zav. lab. 22 no. 8:916-917 Ag '56.

IRON ALLOYS—METALLOGRAPHY

Effect of heat and mechanical treatments on the thermal factor of X-ray scattering by solid solutions. V. A. Il'ina and others. Izv. AN SSSR. Ser. fiz. 20 no. 7: 723-728 Jl '56.

Using diffusion techniques for investigating the elimination of martensite transformation traces during high temperature annealing. B. M. Noskov, G. K. Borisov, E. V. Shevnin. Fiz. met. i metalloved. 3 no. 2:278-281 '56.

IRON CARBIDES

Electronographic determination of the structure of iron carbide $Fe_4C$. Z. G. Pinsker, S. V. Kaverin. Kristallografiia 1 no. 1:66-72 '56.

IRON-CHROMIUM ALLOYS

Anodic dissolution of ferrochrome in sodium carbonate and caustic soda. R. I. Agladze, T. V. Ionatamishvili. Zhur. prikl. khim. 29 no. 9:1366-1372 S '56.

IRON-CHROMIUM-MOLYBDENUM ALLOYS

The study of resistance butt welding of pipes made of 12Kh5MA chromium-molybdenum steel and 1 Kh18N9T chromium-nickel steel. F. I. Kisliuk. Trudy VNIISTROINEFT' no. 7:126-141 '56.

IRON-CHROMIUM-NICKEL ALLOYS

The study of resistance butt welding of pipes made of 12Kh5MA chromium-molybdenum steel and 1 Kh18N9T chromium-nickel steel. F. I. Kisliuk. Trudy VNIISTROINEFT' no. 7:126-141 '56.

IRON CRYSTALS

Low-temperature recrystallization of metals. R. I. Garber and others. Dokl. AN SSSR 110 no. 1:64-66 S-O '56.

IRON FOUNDING

Use of oxygen in iron founding. L. I. Levi. Lit. proizv. no. 10:1-5 O '56.

IRON FOUNDING—QUALITY CONTROL

Liquid glass as a method to prevent excessive shrinkage of iron castings. M. M. Rutman. Lit. proizv. no. 4: 29-30 O '56.

IRON INDUSTRY

Abramov, I.V. [Ferrous metallurgy of the U.S.S.R. in the sixth five-year plan] Chernaia metallurgiia SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 25)

IRON MINES AND MINING see subdivision under Krivoy Ro

IRON-MOLYBDENUM ALLOYS—METALLOGRAPHY

Analyzing the fine structures in X-ray absorption spectra for investigation of the binding forces in iron-molybdenum hard alloys. V. A. Trapeznikov, S. A. Nemnonov. Fiz. met. i metalloved. 3 no. 2:314-320 '56

IRON-SILICON ALLOYS—MAGNETIC PROPERTIES

Magnetic anisotropy constants for iron-silicon alloys. V. V. Druzhinin. Fiz. met. i metalloved. 3 no. 1:47-54 '56.

IRON-SILICON ALLOYS—TESTING

Heat conductivity isotherms for silicon and its iron alloys at elevated temperatures. B. M. Kuprovskii, P. V. Gel'd. Fiz. met. i metalloved. 3 no. 1:182-183 '56.

IRON-TITANIUM ALLOYS

Using aluminum dust for smelting iron titanium. P. F. Snezhko. Metallurg no. 10:21-22 O '56.

IRONWORKERS see Steelworkers

IRRIGATION

(see also subdivision under Amu Darya Valley; Egypt; Golodnaya Steppe; Khorezm Province; Surkhan'yr Valley; Turkmenistan)

Alkalinization of soils by irrigation and ways of controlling it. M. S. Kurbatov. Trudy Otd. pochv. KirFAN SSSR no. 4:53-66 '53.

Fall saturation irrigation for sunflowers. A. N. Nikiforov. Sel'khoz. Povol. no. 9:34-35 S '56.

Furrow system of irrigation. IA. Mikhailov. Nauka i zhizn' 23 no. 10:91 O '56.

Irrigation of grasses on uplands of Issyk-Kul' Province in the Kirghiz S. S. R. V. IA. Bakaiu. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:49-59 '56.

Landscapes of irrigated regions of the U. S. S. R. V. A. Kovda. Priroda 45 no. 11:89-93 N '56.

Movement of soil moisture, water relations of soil, and methods for determining the time for irrigating cotton. S. N. Ryzhov. Trudy SAGU no. 60:33-43 '54.

Prospects of using underground water of the Chu Valley. M. N. Bol'shakov, P. G. Grigorenko. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:3-31 '56.

Water balance of an irrigated region. L. V. Ibnu-Ilarkovskii. Izv. AN SSSR. Ser. geog. no. 5:61-73 S-O '56.

IRRIGATION—BIBLIOGRAPHY see Bibliography—Irrigation

IRRIGATION, OVERHEAD see subdivision 'Sprinkler Irrigation' under Kirghizistan

IRRIGATION CANALS AND FLUMES

Field determination of seepage losses in irrigation canals. A. S. Kliueva. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 1:27-30 '54.

IRRIGATION FARMING

Dry and irrigation farming. N. Borzikov. Kukuruza 1 no. 5:24-25 Ag '56.

Growing corn on improved and irrigated soils. IA. N. Lisovskii. Kukuruza 1 no. 5:42-43 Ag '56.

Irrigating cotton during the ripening period. D. Samarkin. Khlopkovodstvo 6 no. 9:28-30 S '56.

Ryzhov, S. N., and B. E. Eromenko. [Irrigation of cotton] Polivy khlopchatnika. Tashkent, Izd-vo SAGU, 1953. 40 p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 42, Biologicheskie nauki, no. 16)

Sowing corn on stubble in irrigated areas. V. I. Svinarev. Kukuruza 1 no. 5:40-41 Ag '56.

IRTYSH RIVER—GEOLOGICAL SURVEYS

Geological survey of the Irtysh River in 1804. N. IA. Savel'ev. Och. po ist. geol. znan. no. 5:313-318 '56.

ISHIM—PHYSICAL EDUCATION AND TRAINING

The 113th and others; a sketch. B. Larin, V. Frolov. Ogonek 34 no. 44:30-31 O '56.

ISLAMIC STUDIES

Islamic studies section. Evg. Bertsev. Krat. soob. Inst. vost. no. 18:85-90 '56.

ISOMERS—STUDY AND TEACHING

Method for teaching the phenomenon of isomerism in a secondary school. N. S. Kozlov, I. A. Shur. Khim. v shkole 11 no. 5:40-42 S-O '56.

ISONCOTINIC ACID

Effect of saluzid on reflexes from interoceptors. I. E. Gaber. Biul. eksp. biol. i med. 42 no. 9:25-27 S '56.

ISONIAZID COTINIC ACID

Experience in treating respiratory tract tuberculosis with saluzid. A. N. Voznesenskii. Vest. oto-rin. 18 no. 5:53-57 S-O '56.

ISOPRENE

Catalytic dehydrogenation of hydrocarbons for the preparation of butadiene and isoprene. M. A. Dalin, A. Z. Shikhmamedbekova. Trudy Inst. khim. AN Azerb. SSR 15:84-98 '56.

Properties of polyisoprene as related to its microstructure. A. A. Korotkov, K. V. Ploticovskii, D. P. Feringer. Dokl. AN SSSR 110 no. 1:89-92 S-O '56.

ISOTOPES

Tumors of bone tissue induced by radioactive substances. N. N. Lilvinov. Biul. eksp. biol. i med. 42 no. 8:62-65 Ag '56.

ISOTOPES—SPECTRA

Effect of ordered arrangements on the energy spectrum of phonons. I. M. Lifshits, G. I. Stepanova. Zhur. eksp. i teor. fiz. 31 no. 1:156-157 Jl '56.

ISSYK-KUL PROVINCE—AFFORESTATION

Bringing rocky soils of the Issyk-Kul Valley under cultivation. N. K. Bazhenov. Trudy Otd. pochv. AN Kir. SSR no. 5:37-41 '55.

ISSYK-KUL PROVINCE—PASTURES AND MEADOWS

Irrigation of grasses on uplands of Issyk-Kul' Province in the Kirghiz S. S. R. V. IA. Bakalo. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:49-59 '56.

ISSYK-KUL PROVINCE—RIVERS

Hydrochemical characteristics of rivers of the Issyk-Kul' Basin. P. V. Denisov and others. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:127-137 '56.

ISSYK-KUL PROVINCE—SOIL MOISTURE

Evaporation on uplands of Issyk-Kul' Province. Z. A. Riazantseva. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:61-67 '56.

ISTANBUL—BYZANTINE STUDIES

Tenth International Congress of Byzantine Scholars in Istanbul. Z. V. Udal'tsova. Viz. vrem. 10:230-253 '56.

ISTISU—MINERAL WATERS

Deposition of carotene in the liver as affected by the use of Istisu mineral water. A. S. Gasanov, A. S. Abdullaev, S. F. Agakishibekova. Uch. zap. AGU no. 6:57-61 '55.

ITALY—CATALOGS, UNION

Union catalog of Italian libraries. Sov. bibl. no. 43:67 '56.

ITALY—DESCRIPTION AND TRAVEL

Encounters en route. Tat'iana Tess. Oktiabr' 33 no. 10:150-150 O '56.

In Italian cities. Orest Verciskii. Ogonek 34 no. 47: 8a-10 N '56.

Visiting Italian friends. O. Blinova. Rad. zhin. 11 no. 10:18 O '56.

ITALY—ECONOMIC GEOGRAPHY

Regis, Giuseppe. [Economic geography of Italy. Translated from the Italian] Ekonomicheskaia geografiia Italii. Perevod s ital'ianskogo i predisl. G.D.Kulagina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 89 p.

ITALY—FOREIGN RELATIONS—RUSSIA

Interview with Italian public figures. Nov. vrem. 14 no. 45:11-12 N '56.

ITALY—GLIDERS (AERONAUTICS)

"Eolo", the record-holding Italian single-seat glider. Kryl. rod. 7 no. 9:24 S '56.

ITALY—HISTORY

Class struggle in Italy on the eve of the Byzantine conquest. Z. V. Udal'tsova. Viz. vrem. 10:9-26 '56.

ITALY—LOOMS

High speed looms for the production of industrial tapes (from "Silk and Rayon," no. 5 '56). Leg. prom. 16 no. 9:55-56 S '56.

ITALY—MARINE GAS TURBINES

Fiat engine with turbosupercharger. (From "The Motorship" 1955). Mor. flot 16 no. 7:31 Jl '56.

ITALY—MORAL CONDITIONS

Ridiculous discussion. Alberto Jacoviello. Ogonek 34 no. 43:15 O '56.

ITALY—MOTION-PICTURE PLAYS

Italy on the screen. Sergio Borelli. Smena 33 no. 20: 22-23 O '56.

Why we love Italian films. G. Bogemskii. Nov. vrem. 14 no. 43:21-24 O '56.

ITALY—MOTION PICTURES

Italian motion pictures on the Soviet screen. V. Ermakov. Ogonek 34 no. 43:19 O 56.

ITALY—SHIPBUILDING

Shipbuilding in Italy. Biok. agit. vod. transp. no. 20: 44 O '56.

ITALY—SUGAR INDUSTRY

Sugar industry of Italy. I. K. Sivolap. Sakh. prom. 30 no. 8:53-60 Ag '56.

ITALY—YOUTH

Can youth achieve unity and mutual understanding. Franco Boiardi. Mol. komm. 14 no. 10:112-116 O '56.

ITKIS, MIKHAIL

Road to success. V. Sinitavskii. Voen. znan. 31 no. 8:20 Ag '56.

IUNICHEV, KHARIS

The second birth. L. Shnaider. Fizk. i sport 26 no. 10:6-7 '56.

IURII, DOLGORUKII, 1090-1157 see George, Dolgorukii, 1090-1157

IUSHKEVICH, ADOL'F PAVLOVICH, 1906-

Adol'f Pavlovich IUshkevich; on the occasion of the 50th anniversary of his birth. A. I. Markushevich, S. A. IAnovskaia. Usp. mat. nauk 11 no. 4:197-200 Jl-Ag '56.

IVAN, Czar of Russia, 1530-1584

Evaluating the activity of Ivan the Terrible. M. D. Kurmacheva. Vop. ist. no. 9:195-203 S '56.

The "oprichnina" during the reign of Ivan the IV. V. N. Shevlakov. Vop. ist. no. 9:71-77 S '56.

IVANOV, ALEKSANDR ANDREEVICH, 1806-1858

Alpatov, M. V. Aleksandr Andreevich Ivanov; [life and works] zhizn' i tvorchestvo. Moskva, Gos. izd-vo "Iskusstvo." (Russkie khudozhniki. Monografii. Aleksandr Ivanov, 1806-1858)

IVANOV, MIKHAIL FEDOROVICH, 1871-1935

Develop and make full use of Academician M. F. Ivanov's scientific legacy. L. K. Greben'. Zhivotnovodstvo 18 no. 10:1-7 O '56.

IVANOVO—INSURANCE, SOCIAL

In a city of textile workers. S. Pozniakov. Sots. obesp. 17 no. 9:12-15 S '56.

IVANOVO—RADIO OPERATORS

Why are there so few women radio operators in Ivanovo? I. Gol'f. Radio no. 10:10-11 O '56.

IVANTEEVKA—HOSIERY

They made themselves masters of their profession. G. Valikov, L. Margolin. Rabotnitsa 34 no. 11:9-10 N '56.

IVORY CARVING see subdivision under China

JACOB'S LADDER

Akhabadze, I. F. [Jacob's ladder] Sinlukha lazurnaia. Moskva, Medgiz, 1955. 15 p.
(DA)

JAPAN—ATOMIC POWER

Declaration of the Scientific Council of Japan on the peaceful use of nuclear energy. Vest. AN SSSR 26 no. 10:41 O '56.

JAPAN—BRIDGES, SUSPENSION

Dangerous crossing. Znan. sila 31 no. 10:13 O '56.

JAPAN—COMMERCE—UNITED STATES

Case of the dollar blouse. Nov. vrem. 14 no. 44:15-16 O '56.

JAPAN—DESCRIPTION AND TRAVEL

Children of Hiroshima; a story about a flight to Japan. A. Sofronov. Ogonek 34 no. 43:22-25 O '56.

JAPAN—FOREIGN RELATIONS—RUSSIA

Joint declaration of the U. S. S. R. and Japan. Nov. vrem. 14 no. 44:insert:1-2 O '56.

Normalization of Soviet-Japanese relations. Sov. Soiuz no. 11:3 N '56.

Success of the Soviet-Japanese negotiations. Nov. vrem. 14 no. 44:1-2 O '56.

JAPAN—HISTORY

"History of the Japanese people" [in Japanese]. Hani Goro. Reviewed by I. A. Latyshev. Krat. soob. Inst. vost. no. 21:93-99 '56.

"The Meiji restoration" [in Japanese]. Toyama Shigeki. Reviewed by P. P. Topekha. Krat. soob. Inst. vost. no. 21:90-97 '56.

JAPAN—KOREANS

For the rights of Korean citizens in Japan. Kang Un-lim. Nov. Kor. no. 3:18-20 Mr '56.

JAPAN—PEASANTRY

Intensifying the proletarianization of the Japanese peasantry after the Second World War; trades, seasonal work in the city, and hired labor. K. T. Perteeva. Krat. soob. Inst. vost. no. 21:71-82 '56.

JAPAN—RUSSIAN LANGUAGE—STUDY AND TEACHING

Country of my dreams. Toru Nakamura. Neva no. 9: 203 S '56.

JAPAN—TRADE UNIONS

Diary of the sojourn in Japan of the delegation of the World Federation of Trade Unions. Vsem. prof. dvizh. no. 10:8-9 O '56.

Interview with the delegation. Vsem. prof. dvizh. no. 10:4-6 O '56.

JAPAN, SEA OF—EUPHAUSIIDAE

Euphausiids of the Sea of Japan. L. A. Ponomareva. Trudy probl. i tem. sov. no. 6:46 '56.

JAPAN, SEA OF—MARINE FAUNA

Some characteristics of the littoral fauna of the continental shore of the Sea of Japan. O. B. Moklevskii. Trudy probl. i tem. sov. no. 6:116-121 '56.

JAPAN, SEA OF—MARINE FLORA

Benthonic littoral flora of the Sea of Japan. T. F. Shchapova. Trudy probl. i tem. sov. no. 6:93-97 '56.

JAPAN, SEA OF—HERRING FISHERIES

Numerical distribution of spawning herring off the eastern shores of the Sea of Japan. A. N. Probatov. Trudy probl. i tem. sov. no. 6:140-143 '56.

JAPAN, SEA OF—POLYZOA

Bryozoans of the order Cheilostomata in the Sea of Japan. E. I. Androsova. Trudy probl. i tem. sov. no. 6:77-80 '56.

JAPANESE NEWSPAPERS

Encounter with Japanese journalists. V. Maevskii. Sov. pech. no. 10:42-44 O '56.

JAUNDICE, SPIROCHAETAL see Weil's disease

JAUNDICE

Effect of bile retention in the organism on inhibition and excitation in the cerebral cortex in a dog. IA. V. Hanitkevych. Fiziol. zhur. [Ukr.] 1 no. 4:5-14 Jl-Ag '55.

JAVELIN THROWING

How to make a javelin. Leg. atl. no. 9:19 S '56.

JAWS—WOUNDS AND INJURIES

Mikhel'son, N. M. [Injuries to the face and jaws and their treatment] Povrezhdenita litsa i cheliustei i ikh lechenia Moskva, Gos. izd-vo med. lit-ry, 1956. 86 p. (Biblioteka prakticheskogo vracha)
(DAFM)

JAZZ MUSIC see subdivision under Great Britain

JET PLANES
(see also subdivision under France)

The jet-plane age. E. Rishchikov. Ogonek 34 no. 40: 5 S '56.

"Tu-104" jet commercial airplane. Vest. Vozd. Fl. 38 no. 5:58 My '56.

JEWS see subdivision under Ukraine

JOINTS—DISEASES

Observations on the effectiveness of mud therapy for chronic infectious polyarthritis in children at the Lipetsk health resort. N. V. Neverova. Vop. okh. mat. i det. 1 no. 5:62-68 S-O '56.

JOINTS—TUMORS

Plastic resection of a giant cell tumor in a joint with preservation of joint function. L. T. Korobko. Vest. khir. 77 no. 9:114-117 S '56.

JOLIOT-CURIE, FREDERIC, 1900-

Frederic Joliot-Curie. N. A. Figurovskii. Khim. v shkole 11 no. 5:3-13 S-O '56.

JOLIOT-CURIE, IRENE, 1897-1956

Irène Joliot-Curie; obituary. M. P. Shaskol'skaia. Usp. fiz. nauk. 59 no. 4:583-590 Ag '56.

JORDAN

Jordan. L. Kotlov. Otv. na vop. trud. no. 72:57-63 '56.

JOURNALISM

Let us study! Dm. Priliuk. Sov. pech. no. 10:30-32 O '56.

Report on the party meeting. Part. zhizn' no. 18:72-74 S '56.

Subject and author. B. Gerasimov. Sov. pech. no. 10: 7-10 O '56.

JOURNALISM, TECHNICAL

Covering problems of technological progress in newspapers. Sov. pech. no. 10:1-3 O '56.

Three comments on one theme. Nat. Sokolova. Znamia 26 no. 10:186-188 O '56.

JOURNALISTIC PHOTOGRAPHY see Photography, Journalistic

JOURNALISTS
(see also subdivision under Kuybyshev)

Political education of journalists. Sov. pech. no. 10:5-6 O '56.

JOURNEYS see Voyages and travels

JUDICIAL ASSISTANCE

Petrenko, V. M. [Legal guarantees of the defendant's right to judicial assistance] Obespechenie prava obviniaemogo na zashchitu po sovetskomu zakonodatel'stvu. Moskva, Gos. izd-vo jurid. lit-ry, 1955. 44 p.
DS

JUDICIAL POWER

The legal nature of governing directives of the Plenum of the Supreme Court of the U. S. S. R. Sov. gos. i pravo no. 8:13-21 '56.

JUNEBERRY

"Pseudo-root" suckers of Juneberry (Amelanchier rotundifolia). R. P. Barykina. Vest. Mosk. un. 11 no. 6: 97-91 Je '56.

JUNIPER see subdivision under Turkestan Range

JUSTICE, ADMINISTRATION OF
Police and criminal court reform and the central government at the end of the thirties and beginning of the forties in the 16th century. N. E. Nosov. Ist. zap. 56:206-234 '56.

JUVENILE DELINQUENCY see subdivision under Leningrad; United States

JUVENILE LITERATURE see Children's literature

KABUL—DESCRIPTION
The capital city of Afghanistan. IUlian Semenov. Ogonek 34 no. 43:3 O '56.

KABUL—EXHIBITIONS
At the exhibition in Kabul. Strol. mat., izdel. i konstr. 2 no. 9:39 S '56.
In Afghanistan's capital. K. Mkrtychan. Nov. vrem. 14 no. 44:24-26 O '56.

KABUL—FLOUR MILLS
On the building site of a grain and flour mill combine in Kabul. F. Kisilev. Ogonek 34 no. 44:3 O '56.

KADIEVKA—COAL MINERS
Everything depends on our own efforts. A. Shtepa, I. Gavriiko. Mol. komm. 14 no. 10:36-39 O '56.
What hinders our work. V. Ivashinin. Mol. komm. 14 no. 10:39-41 O '56.

KAKHOVKA HYDROELECTRIC POWER STATION
Construction of a water power unit at Kakhovka in connection with the realization of the "Great Dnieper" project. S. Protsiuk. Ukrains'kyi zbirnyk 7:108-165 '56.
Problems of mechanizing reinforcement production. V. A. Chaadaev. Mekh. stroi. 13 no. 9:13-15 S '56.

KALBA RANGE—ROCKS, IGNEOUS
The "absolute" and relative age of granitoids of the Altai and Kalba (concerning the article of M. A. Abdulkabirova and M. A. Stroeva "Age of granite intrusions of Kalba"). Inform. sbor. VSEGEI no. 2:85-88 '55.

KALIDASA
Pashchenko, V. I. [Kalisada, the pride of Indic literature] Gordost' indiiskoi literatury - Kalidasa. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 22)
Singer of eternal youth; on the 1500th anniversary of the birth of India's great author and dramatist, Kalidasa. Kumud Kumar Ghosh. Smena 33 no. 21:13-14 N '56.

KALININ—INSURANCE, SOCIAL
The necessary documents were late. N. Sokolovskaia. Sots. obesp. 17 no. 9:20-21 S '56.

KALININ—LIBRARIES AND READERS
Conference of foundry-worker readers. N. Sul'e. Bibliotekar' no. 10:39-40 O '56.

KALININ PROVINCE—TELECOMMUNICATION
Locating all communications facilities and radio center in the same building in Kalinin Province. M. L. Rueda. Vest. sviazi 16 no. 9:22 S '56.

KALININGRAD—PIONEERS (COMMUNIST YOUTH)
Her secret. S. Trofimova. Vozhatyi 32 no. 10:21 O '56.

KALUGA PROVINCE—POULTRY
Provincial conference of poultry breeders in the poultry breeders in the poultry section of a leading collective farm. D. I. Volkov. Ptitsevodstvo 6 no. 10:47-48 O '56.

KAMA RIVER—HYDROELECTRIC POWER STATIONS
What is the Volga-Kama cascade of hydroelectric power stations? G. Vainshtein. Otv. na vop. trud. no. 72:17-26 '56.

KAMA RIVER—STEAMBOATS
Improving the technical operation of paddle-wheel steamers of project 732. IA. M Shimin. Rech. transp. 15 no. 8:20-21 Ag '56.

KAMA VALLEY—DESCRIPTION AND TRAVEL
[Kama; a guidebook] Kama; putevoditel'. Molotov. Molotovskoe kn-vo, 1956. 369 p. (DS)

KAMA VALLEY—PETROLEUM
Regularities of changes in petroleum properties of the Kama Valley. N. A. P'iankov. Neft. khoz. 34 no. 10: 41-45 O '56.

KAMCHATKA—FISHERIES
Some economic problems of the Kirov Fish Processing Combine. L. B. Bronshtein. Ryb. khoz. 32 no. 9:44-50 S '56.

KAMCHATKA—FLATFISHES
Trawling off the southwestern coast of Kamchatka. I. A. Polutov and others. Ryb. khoz. 32 no. 10:13-21 O '56.

KAMCHATKA—MONUMENTS
Kamchatka monuments. Maks Zinger. Ogonek 34 no. 47:27 N '56.

KAMCHATKA—STURGEONS
Causes of fluctuations in the amount of Kamchatka sturgeons. F. B. Krogius, E. M. Krokhin. Trudy probl. i tem. sov. no. 6:144-149 '56.

KAMCHATKA—VOLCANOES
Observations on the Avacha, Koryakskaya, and Mutnaya volcanoes during 1945. S. N. Glavatskii. Biul. Vulk. sta. no. 15:13-16 '48.

KAMENKA-DNEPROVSKAYA—NUMISMATICS, ANCIENT
Treasure of ancient coins from Kamenka Dneprovskaya. N. I. Volchkova. Krat. soob. Inst. arkheol. AN URSR no. 6:55-56 '56.

KANDALAKSHA BAY—HERRING
Stocks of White Sea herring in Kandalaksha Bay. IU. IU. Marti. Ryb. khoz. 32 no. 9:61-64 S '56.

KANDYBINO—CLOTHING AND DRESS
These are the fashions in Kandybino. Sov. zhen. 12 no. 11:42 N '56.

KANDYBINO—COLLECTIVE FARMS
The Gor'kii Collective Farm. Ol'ga Shapovalova. Sov. zhen. 12 no. 11:10-11 N '56.
Women-legislators. Aleksandra Nepomniashchaia. Sov. zhen. 12 no. 11:20-21 N '56.

KANDYBINO—COOKERY
The cuisine of Galina Korneliuk. Sov. zhen. 12 no. 11: 42 N '56.

KANDYBINO—CULTURE
Countrymen. Sov. zhen. 12 no. 11:30 N '56.
Hearing Chaikovskii music. Leonid Luban. Sov. zhen. 12 no. 11:29-31 N '56.

KANDYBINO—ECONOMIC CONDITIONS
Master of their fate. Ekaterina Voroshilova. Sov. zhen. 12 no. 11:8-9 N '56.

KANDYBINO—FARM LIFE
In the family of Evdokim and Dar'ia Kravchenko. Sov. zhen. 12 no. 11:35-37 N '56.

KANDYBINO—MACHINE-TRACTOR STATIONS
Where peasants once toiled. Mikhail Isaakovich Varshavskii. Sov. zhen. 12 no. 11:12-13 N '56.

KANDYBINO—SOCIAL CONDITIONS
A day in the village. Sov. zhen. 12 no. 11:22-23, 26-28 N '56.

KANEV DISTRICT—ANTIQUITIES
Ancient Slavic settlement on the Pilipenko Mountain. V. A. Bogusevich. Nauk. zap. Kiev. un. 9 no. 5:5-10 '50.

KANEV DISTRICT—BOTANY
Flora of the Kanev Biogeographical Preserve and its vicinity. IE. D. Hlovats'ka. Nauk. zap. Kiev. un. 9 no. 5:39-54 '50.

KANEV DISTRICT—MAN, PREHISTORIC
Ancient Slavic monuments in Kanev District. M. Braichevskii. Nauk. zap. Kiev. un. 9 no. 5:11-24 '50.

KANEV DISTRICT—MYCORHIZA
Mycorhizal fungi on several types of trees in the Kanev Preserve. M. IA. Zerova. Nauk. zap. Kiev. un. 9 no. 5:55-64 '50.

KAO HSIN-CHAI
He was a ricksha boy. Yü Huei-yin. Nar. Kit. no. 19: 23-24 O '56.

KAOLIN see subdivision under Poloshok

KAOLINITE see subdivision under Ukraine

KARA-BULAK (OSH PROVINCE)—TOMBS
Kara-Bulak tomb. IU. D. Baruzdin. Trudy Inst. ist. AN Kir. SSR no. 2:57-69 '56.

KARA-MAZAR—METASOMATISM
Classification of metasomatic formations such as the skarn fields of western Kara-Mazar. V. A. Zharikov. Zap. Vses. min. ob-va 85 no. 3:344-357 '56.

KARAEV, KARA
Kara Karaev. I. Abezgauz. Sov. muz. 20 no. 9:16-27 S '56.

KARAGANDA BASIN—COAL
Classification system of coals of the Karaganda Coal Basin. A. A. Gapeev. Trudy Inst. geol. nauk no. 90: 168-169 '47.
Coal-petrological bases for determining the composition and distribution of coking coals in the Karaganda Basin. A. A. Liuber. Trudy Inst. geol. nauk no. 90:173-184 '47.
Distribution of coking coals in the Karaganda Basin. V. K. Uporov. Trudy Inst. geol. nauk no. 90:170-172 '47.

KARAGANDA BASIN—COAL MINERS
The miner's home should be comfortable. O. Kudriavtseva. Mast. ugl. [illegible]

KARAGANDA BASIN—COAL MINES AND MINING
Twenty-five years of a mining [illegible] no. 8:31 Ag '56.

KARAGANDA BASIN—COAL MINING MACHINERY
First hydraulic systems in Karaganda [illegible] ugl. 5 no. 8:26 Ag '56.
Innovators' methods in action. Mast. [illegible] Ag '56.

KARAGANDA BASIN—GEOLOGY
Akademiia nauk Kazakhskoi SSR, Alma [illegible] results of geological research in the Karaganda Coal Basin during the last 25 years] Osnovnye [illegible] go izucheniia Karagandinskogo [illegible] Pod red. i s predisl. K. I. Satpaeva. Alma [illegible] 123 p.

KARAGANDA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION
Follow-up on material in "Kommunist [illegible] Komm. Kazakh. 26 no. 11:64 N '56.

KARAGANDA PROVINCE—ECONOMIC CONDITIONS
Region of great wealth and achievements. Mol. komm. 14 no. 10:46-50 [illegible]

KARAGANDA PROVINCE—STATE FARMS
In our state farm on virgin land. [illegible] komm. 14 no. 10:45-47 O '56.

KARAKUL SHEEP
(see also subdivision under Karakhstan)
Device for recording work of the [illegible] at a distance. B. V. Panin. Kar. [illegible] S-O '56.
Importance of age in repeating [illegible] rakul sheep. V. M. IUdin, O. I. Bulgin [illegible] 9 no. 5:3-10 S-O '56.
Improve the way of judging Karakul [illegible] curl retention and the quality of hair. [illegible] Kar. i zver. 9 no. 5:10-13 S-O '56.
Wool of Karakul sheep and its industrial [illegible] Kantsepol'skii, A. I. Folgin. Kar. [illegible] S-O '56.

KARAKUL SHEEP—DISEASES
Prevention and treatment of pneumonia [illegible] A. A. Pokudin, A. I. [Armoshkevich. [illegible] no. 5:41-44 S-O '56.

KARELIA—ENSEMBLES (MUSIC)
Our Kantele; 20th anniversary of the [illegible] M. Gavrilov. Na rub. 17 no. 5:[illegible]

KARELIA—SCIENCE
Renaming the Karelo-Finnish branch [illegible] 26 no. 10:91 O '56.

KARELIA—SOILS
Characteristics of dark-colored soils [illegible] region of Karelia [with French summary] [illegible] A. A. Zavalishin, M. I. Chekalova. [illegible] no. 7:30-39 Jl '56.

KARST
Determining the degree and thickness of [illegible] in geological prospecting operations. [illegible] G. G. Skvortsov. Razved. i okh. nedr [illegible] Jl '56.
New karst type cave in Hungary. [illegible] 45 no. 11:66-68 N '56.

KARTLIA—BUILDING MATERIALS INDUSTRY
Development and location of the building [illegible] industry in lower Kartlia. Soob. AN Gruz. [illegible] no. 7:623-628 '56.

KARYMSKAYA SOPKA
Activity of Karymskaya Sopka during 1943-1945 [illegible] Vlodavets. Biul. Vulk. sta. no. 15:17-18 [illegible]

KARYOKINESIS
Development of reactive inhibition capacity [illegible] vision, observed in mice during ontogenesis. S. [illegible] Suvorova. Dokl. AN SSSR 119 no. 1:149-[illegible]

KASHKA DARYA VALLEY—ANTIQUITIES
Archaeological explorations in the upper Kashka Darya Valley. S. K. Kabanov. Trudy Inst. ist. [illegible] Uz. SSR no. 7:77-114 '55.

KASHYN, V.
Without a thorough study of materials ("Storm" by V. Kashyn. Reviewed by Anatolii Sofronov.) Lit. gaz. 30 no. 11:125-126 N '56.

KATS, SIGIZMUND
The song in Sigizmund Kats' work. IU. Korev. Sov. muz. 20 no. 10:31-35 O '56.

KAUNAS—LIBRARIES—BIBLIOGRAPHY
Bibliographic work in the State Library of Lithuania. S. B. Tomonis, P. A. Freidgeimas. Sov. bibl. no. 44-53 '55.

KAVELIN, KONSTANTIN DMITRIEVICH, 1818-1885

Kavelin's conception and the views of Belinskii on history. D. L. Tal'nikov. Vop. ist. no. 9:130-140 S '56.

KAZAKH AUTHORS see Authors, Kazakh

KAZAKH LITERATURE—HISTORY AND CRITICISM

Brief news of literature and art. Sov. Kazakh. 22 no. 8: 125 Ag '56.

KAZAKH MUSIC see Music, Kazakh

KAZAKHSTAN—AERONAUTICS IN AGRICULTURE

Increase airplane dusting work. V. Shelest. Grazhd. av. 13 no. 9:34 S '56.

KAZAKHSTAN—AERONAUTICS IN GEOLOGY

Using geobotanical characteristics in aerogeological mapping in western Kazakhstan. E. A. Vostokova, G. I. Zhdanova. Trudy VAGT no. 1:11-18 '55.

KAZAKHSTAN—AGRICULTURE

A billion poods from Kazakhstan. D. A. Kunaev. Ogonek 34 no. 42:2-3 O '56.

The decisions of the 20th Congress of the Communist Party of the Soviet Union on increasing agricultural production are being carried out. F. Karibzhanov. Komm. Kazakh. 26 no. 11:20-32 N '56.

Experience of the past is the basis for the future ("A year's work on the reclamation of virgin and waste lands in Kazakhstan," Reviewed by G. N. Drozdov). Zemledelie 4 no. 10:119-125 O '56.

KAZAKHSTAN—AXINITE

Axinite from deposits of central Kazakhstan. IU. S. Solov'ev. Zap. Vses. min. ob-va 85 no. 3:429-433 '56.

KAZAKHSTAN—BANKS AND BANKING

We are improving work with key personnel. N. Karasaev. Den. i kred. 14 no. 10:47-49 O '56

KAZAKHSTAN—COAL

Conditions of the Carboniferous coal measures of northeastern Kazakhstan. A. I. Egorov. Trudy Inst. geol. nauk no. 90:134-139 '47.

Quality and classification of Kazakhstan coals. B. I. Kustov, G. L. Kushev. Trudy Inst. geol. nauk no. 90: 149-167 '47.

KAZAKHSTAN—COLLECTIVE FARMS—HISTORY

Collectivization in Kirghizia. A. Kravchenko. Ukrains'kyi zbirnyk 7:100-133 '56.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Industrial section of the party committee. S. Sorokin. Komm. Kazakh. 26 no. 11:33-39 N '56.

KAZAKHSTAN—CORN (MAIZE)

Hundred centners of shelled corn to the hectare. Amadi Ibaev. Kukuruza 1 no. 5:52-53 Ag '56.

KAZAKHSTAN—DECEMBRISTS

Reverberations of the Decembriat movement in Kazakhstan. L. Varshavskii. Sov. Kazakh. 22 no. 8:118-121 Ag '56.

KAZAKHSTAN—ECONOMIC GEOGRAPHY

"Industry and transportation of western Kazakhstan." Reviewed by M. S. Butinovskii. Izv. AN SSSR. Ser. geog. no. 5:131-132 S-O '56.

KAZAKHSTAN—FALCONRY

Falconry in Kazakhstan. D. Belousov. Okh. i okh. khoz. no. 10:52-54 O '56.

KAZAKHSTAN—FISHERIES

Ways to improve the fishing industry of Kazakhstan. B. Ratmanov. Komm. Kazakh. 26 no. 11:45-50 N '56.

KAZAKHSTAN—GEOCHEMISTRY

Pb, Zn and Cu distribution in various classes and fractions of the Diluvium in the region of two deposits in Central Kazakhstan [with English summary in insert]. I. I. Ginzburg, K. M. Mukanov. Geokhimiia no. 4:50-57 '56.

KAZAKHSTAN—GEOGRAPHY—PERIODICALS

"Problems of the geography of Kazakhstan," no. 1, 1956. Reviewed by S. L. Kushev, V. N. Olunin, E. IA. Rantsman, B. A. Fedorovich. Izv. AN SSSR. Ser. geog. no. 3:145-148 My-Je '56.

KAZAKHSTAN—HEPATICAE

Genus Riella Mont. in the rice fields of the Kazakh S. S. R. K. I. Ladyzhenskaia, V. M. Obukhova. Bot. mat. Otd. spor. rast. 11 176-182 Ja '56.

KAZAKHSTAN—HORSES

Urgent problems in the development of the range-herd system of horse breeding in Kazakhstan. IU. Barmintsev. Konevodstvo 26 no. 10:1-6 O '56.

KAZAKHSTAN—INDUSTRIALIZATION

Development of industrial resources of the U. S. S. R. in the sixth five-year plan. A. Polezhaev. Vest. Inst. po izuch. SSSR no. 3:31-35 Jl-S '56.

KAZAKHSTAN—LAMELLIBRANCHIATA, FOSSIL

Merklin, R. L., and L. A. Nevesskaia. [Handbook on Miocene bivalvular molluska of Turkmenia and western Kazakhstan] Opredelitel' dvustvorchatykh molliuskov miotsena Turkmenii i zapadnogo Kazakhstana. Moskva, Izd-vo Akademii nauk SSSR, 1955. 117 p. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, vol. 59)

KAZAKHSTAN—LAUMONTITE

Laumontite of the Karagaylinskoye deposits in Kazakhstan. M. K. IAnulova. Zap. Vses. min. ob-va 85 no. 3: 424-428 '56.

KAZAKHSTAN—MINT

Biology of the Phlomis L. species of northern Kazakhstan. I. V. Borisova. Bot. zhur. 41 no. 9:1352-1355 S '56.

KAZAKHSTAN—NEWSPAPER AND PERIODICAL CIRCULATION

Seminars for newsstand operators. A. Kuznetsova. Raspr. pech. no. 9:17 S '56.

KAZAKHSTAN—PETROLEUM GEOLOGY

Tectonics and the possible oil- and gas-bearing capacity of Mesozoic deposits in the northern buried folded region of Kazakhstan. G. E. Riabukhin, I. I. Nesterov. Neft. khoz. 34 no. 10:32-41 O '56.

KAZAKHSTAN—PHARMACY

Pharmacy in Kazakhstan during the sixth five-year plan. S. Subkhanberdin. Apt. delo 5 no. 5:6-8 S-O '56.

KAZAKHSTAN—PHYSICAL GEOGRAPHY

Geomorphology of the volcanoes of Zhalair and the Karaganda Hills in central Kazakhstan. G. Z. Popova. Vop. geog. Kazakh. no. 1:144-152 '56.

Physical geography of reclaimed virgin and idle lands in North Kazakhstan. A. G. Popolzin. Vop. geog. Kazakh. no. 1:68-92 '56.

KAZAKHSTAN—PHYTOGEOGRAPHY

Using geobotanical characteristics in aerogeological mapping in western Kazakhstan. E. A. Vostokova, G. I. Zhdanova. Trudy VAGT no. 1:11-18 '55.

KAZAKHSTAN—PINE—DISEASES AND PESTS

New pine disease in northern Kazakhstan. S. R. Shvartsman. Trudy Inst. bot. AN Kazakh. SSR 2:3-115 '55.

KAZAKHSTAN—POLITICS AND GOVERNMENT

"Development of the Soviet state organization in Kazakhstan." G. T. Taimanov. Reviewed by V. Kim, M. Imashev. Komm. Kazakh. 26 no. 11:55-58 N '56.

Kazakh S.S.R. Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the Kazakh S.S.R. first session, March 18-21, 1947; stenographic report] Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, pervaia sessiia 18-21 marta 1947 g. Stenograficheskii otchet. Alma-Ata, Kazakhskoe ob"edinennoe gos. izd-vo, 1948. 152 p.

KAZAKHSTAN—POTATOES

Effect of the pruning of potato plants on the development and chemical composition of tubers. A. P. Shikina, E. D. Korzunova, M. K. Lysenko. Trudy Inst. bot. AN Kazakh. SSR 1:194-200 '55.

Profitable crop; what visitors of the All-Union Agricultural Exhibition were told by comrade Khan Petr Son, agronomist at the "Leninskii Put'" Collective Farm in Kara-Tal District, Taldy-Kurgan Province, Kazakh S. S. R. Kartofel' no. 4:32-35 S-O '56.

KAZAKHSTAN—Q FEVER

Mammals as vectors of Rickettsia burnetii - the causative agent of Q-fever. Z. M. Zhmaeva and others. Dokl. AN SSSR 109 no. 6:1227-1228 Ag '56.

KAZAKHSTAN—SAKSAUL—DISEASES AND PESTS

Fungus diseases of saksaul. B. I. Kravtsev. Trudy Inst. bot. AN Kazakh. SSR 2:116-187 '55.

KAZAKHSTAN—SHEEP

Economic problems in sheep breeding on the state farms of the Kazakh S. S. R. N. A. Vasil'ev. Ovtsevodstvo no. 9:8-12 S '56.

Valuable manual for sheep farmers ("For highly productive sheep breeding"). Ovtsevodstvo no. 9:32 S '56.

KAZAKHSTAN—SHEEP BREEDING

The profitableness of state Karakul farms. N. Leganiseva. Komm. Kazakh. 26 no. 11:50-54 N '56.

KAZAKHSTAN—SOIL MOISTURE

Relation of spring soil moisture reserves to fall-winter meteorological conditions in Kazakhstan. A. D. Kopyt. Trudy KazNIGMI no. 2:9-22 '54.

KAZAKHSTAN—STATE FARMS

With the new settlers at May-Balyk. S. Krutilin. Smena 33 no. 19:12-13 O '56.

KAZAKHSTAN—WHEAT

Agroclimatic possibilities of extending winter and spring wheat planting in northeastern Kazakhstan. IU. I. Kliuchnikov. Vop. geog. Kazakh. no. 1:153-156 '56.

KAZAN—COMMUNITY CENTERS

Beloved cause. S. Nosov. Klub 6 no. 10:20 O '56.

KEHRA—WOODPULP INDUSTRY

Starting the operation of a vacuum-evaporator station. G. S. Matsulev. Bum. prom. 31 no. 9:14-15 S '56.

KENESSEY, JENO

"The shawl"; Hungarian ballet on the stage of the Saratov Theater. M. Geilig. Sov. muz. 20 no. 10: 116-118 O '56.

KERCH—ART, ANCIENT

Slab from Kerch with a representation of a griffin. V. V. Veselov. Krat. soob. Inst. arkheol. AN URSR no. 6:62-63 '56.

KERCH—BARLEY, FOSSIL

A fossil form of cultivated barley, Hordeum laguncuiforme Michi. F. Kh. Bakhteev. Dokl. AN SSSR 110 no. 1:153-155 S-O '55.

KERCH PENINSULA—IRON ORES

Geochemistry and the principal problems of the origin of hypergenous iron ores of Kerch. V. F. Malakhovskii. Vop. min. osad. obr. 3/4:190-202 '55.

KETMEN'-TYUBE VALLEY—SOILS

Soils of the level part of the Ketmen'-Tyube Valley. G. I Reichenko. Trudy Otd. pochv. AN Kir. SSR no. 5:3-16 '55.

KETONES

Preparation of p-oxyphenylphenethyl ketone and of some of its ethers and homologs. V. A. Zasosov, E. I. Metel'kova, S. N. Milovanova. Zhur. ob. khim. 26 no. 9:2499-2502 S '56.

Synthesis of alkenyl-β-chlorovinyl ketones. N. K. Kochetkov and others. Izv. AN SSSR. Otd. khim. nauk no. 8:1053-1058 S '56.

KETONES—SPECTRA

Luminescence of aromatic aldehydes and ketones. V. L. Ermolaev. Opt. i spektr. 1 no. 4:523-535 Ag '56.

KHABAROVSK TERRITORY—TELECOMMUNICATION

Let's improve work with efficiency innovators. I. A. D'iachkov, M. G. Medvetskii. Vest. sviazi 16 no. 9: 26-27 S '56.

KHAKASS

Potapov, L. P. [Brief sketches of the history and ethnography of the Khakass (18th - 19th centuries) Kratkie ocherki istorii i etnografii khakasov (XVIII-XIX VV) Abakan, Khakasskoe obl. Gos. izd-vo, 1952. 215 p.

KHAKASS AUTONOMOUS PROVINCE

Evtiukhova, L. A. [Archaeological monuments of the Yenisey Kirgiz (Khakass)] Arkheologicheskie pamiatniki eniseiskikh kyrgyzov (khakasov) Abakan, 1948. 101 p.

KHAKASS PROVINCE—COAL MINERS

Miners' towns grow and improve. A. Mar'iasov. Mast. ugl. 5 no. 8:5-6 Ag '56.

KHALIKOVA, SAIDA AKHMEDOVANA

The Communist. E. Syrtsov. Rabotnitsa 34 no. 11: 12-13 N '56.

KHALILOVO—CAST IRON

Oxygen blasting of Khalilovo-type synthetic cast iron in a basic converter. S. I. Sobkin. Sbor. trud. TSNIICHM no. 13:300-339 '56.

KHALTURIN DISTRICT—EDUCATION

Experience of the schools of Khalturin District (Kirov Province) in the general seven-year program. Nach. shkola 24 no. 11:62 N '56.

KHANKA PLAIN—CLOVER

Growing red clover in the Suyfun-Khanka Plain region. G. A. Klimenko. Zemledelie 4 no. 10:112-113 O '56.

KHAR'KOV, ALEKSEI ALEKSEEVICH, 1903-1956

In memory of Alekseĭ Alekseevich Khar'kov. Probl. tub. 34 no. 3:79-80 My-Je '56.

KHARKOV—BOOKSELLERS AND BOOKSELLING

Our experience. A. Goncharenko. Sov. knizh. torg. no. 10:13-14 O '56.

Sixty show windows. IU. Sarver. Zmina no. 10:22 O '56.

KHARKOV—BRAKES

Improving the techniques of making brake shoes. N. G. Davidenko, P. IA. Kolotilov. Strot. i dor. mashinostr. 1 no. 10:33-34 O '56.

KHARKOV—PHYSICAL EDUCATION AND TRAINING

Plenum of the committee on physical training in institutions of higher education. E. S. Mekhova. Teor. i prak. fiz. kul'. 19 no. 9:717-718 '56.

KHARKOV—PUBLIC HEALTH

Activities of the Kharkov branch of the All-Union Scientific Society of Hygienists in 1956. IA. D. Sakhnovskii. Gig. i san. 21 no. 10:57-58 O '56.

KHARKOV—PUNCHING MACHINERY

Punches for simultaneous cutting and rolling. S. Cherevan'. Prom. koop. no. 10:21 O '56.



418004 O-57-12

KHARKOV—TRACTOR INDUSTRY
Family profession. M. Holubov. Zmina no. 10:1-2 O '56.

KHARKOV—TRACTORS
Cherenkovites from the iron foundry; 25th anniversary of the Kharkov tractor plant. V. Shumov. Ogonek 34 no. 40:6 S '56.

KHARKOV—TRANSPORTATION, AUTOMOTIVE—CONGRESSES
Conference on exchange of experience by efficiency innovators. I. IAkovtsev, N. Govorushchenko. Avt. transp. 34 no. 9:33 S '56.

KHARKOV—VETERINARY COLLEGES
Kharkov Veterinary Institute on the 32d anniversary of the October Revolution. I. I. Lukashov. Sbor. trud. Khar'. vet. inst. 20:3-7 '49.

KHARKOV PROVINCE—ALGAE
New species of the genus Pedinopera Pasch. A. M. Matvienko. Bot. mat. Otd. spor. rast. 11 98-103 Ja '56.

KHARKOV PROVINCE—DIATOMS, FOSSIL
New diatoms from the Oligocene of the Ukraine. E. A. Cheremisinova. Bot. mat. Otd. spor. rast. 11 62-64 Ja '56.

KHARKOV PROVINCE—GOATS
Materials on the characteristics of goats in Kharkov Province. N. V. Sarzhevskii. Sbor. trud. Khar'. vet. inst. 20:83-88 '49.

KHARKOV PROVINCE—SUGAR BEETS
Foliar feeding of sugar beets in Kharkov Province. G. V. Pilipets. Sakh. svekl. no. 6:33-36 Ag '56.

KHAZARA—MOSQUES
The Diggaron Mosque in the village of Khazara. V. A. Nil'sen. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7: 61-75 '55.

KHERSON—BOOKSELLERS AND BOOKSELLING
Are they ever going to... IU. Naumenko. Sov. knizh. torg. no. 8:21 Ag '56.

KHERSON—YACHTS AND YACHTING
On the waves. A. Chaikovs'kyi. Ukraina no. 18:32 S '56.

KHERSON PROVINCE—MACHINE-TRACTOR STATIONS
Dissemination of the practice of machine-tractor stations. V. Anisimov. Part. zhizn' no. 18:62-67 S '56.

KHERSON PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
Seven hundred new subscription centers. I. Dorner. Raspr. pech. no. 8:4 S '56.

KHOLENDRO, DMITRII
Turning the best side of the face to readers ("Sons of the sea"; stories. Dmytro Mishchenko; "Crimean stories." Dmitrii Kholendro. Reviewed by K. Moiseev. Sov. Ukr. 6 no. 10:177-179 O '56.

KHOMUTOVO STEPPE PRESERVE—FUNGI
Materials on the mycoflora of the Khomutova Steppe Preserve. S. F. Morochkovs'kyi. Ukr. bot. zhur. 13 no. 3:74-86 '56.

KHOREZM PROVINCE—IRRIGATION
Problem of urgent land improvement tasks in Khorezm. D. Atashev. Khlopkovodstvo 6 no. 9:52-54 S '56.

KIANGSI PROVINCE—AGRICULTURE
Utilization of red soils. Kitai no. 10:10-11 O '56.

KIBIROV, AKHMET KIBIROVICH, 1919-1956
A. K. Kibirov. Trudy Inst. ist. AN Kir. SSR no. 2:153 '56.

KIDNEYS
Baroreceptor responses of some internal organs to lymph circulation. M. I. Kokhanina. Fiziol. zhur. 42 no. 5:369-375 My '56.
Effect of stimulation by cold on the reabsorption of phosphates and chlorides in the kidneys. A. S. Oganesian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:33-38 S '56.

KIDNEYS—BLOOD SUPPLY
Experimental renal infarcts. Report no. 1: Investigation of renal blood supply in infarcts with the aid of radiophosphorus. I. M. Shapiro, N. I. Losev, N. N. Paris-khaladze. Biul. eksp. biol. i med. 42 no. 8:22-26 Ag '56.

KIDNEYS—DISEASES
Inflammatory proliferations of the renal epithelium in vitamin A deficiency. T'ang Su-en. Biul. eksp. biol. i med. 42 no. 8:71-73 S '56.

KIDNEYS—TUMORS
Combined papillomatosis of the kidney pelvis, ureter, and bladder. P. G. Divnenko. Vest. khir. 77 no. 9: 126-130 S '56.
Hemorrhagic laryngitis in cystic degeneration of the kidneys. G. D. Karmanova, M. M. Levashov. Vest. oto-rin. 18 no. 5:131-132 S-O '56.

KIDNEYS, ARTIFICIAL
Artificial organs. P. I. Gulisev. Nauka i zhizn' 23 no. 11:21-24 N '56.

KIEV—ARCHITECTURE—CONSERVATION AND RESTORATION
Complete restoration of the Vydubetskiy architectural reservation in Kiev. V. Smirnov. Arkhit. SSSR no. 11:43-44 '56.

KIEV—BACTERIOLOGY, AGRICULTURAL
Factory that produces bacteria. S. Puchkov. Ukraina no. 18:16 S '56.

KIEV—BOARDING SCHOOLS
In the new house. D. Volodars'ka. Rad. zhin. 11 no. 10:24-25 O '56.

KIEV—BOOKSELLERS AND BOOKSELLING
On the streets of Kiev. A. Nikonov. Sov. knizh. torg. no. 10:9 O '56.

KIEV—CHILDREN—EXHIBITIONS
Exhibition of children's works. V. Pavlenko. Pionerila 33 no. 10:16-17 O '56.

KIEV—CHURCHES
New data on the mosaics and frescoes of St. Sophia in Kiev. V. N. Lazarev. Viz. vrem. 10:161-177 '56.

KIEV—CONCERTS
Kiev. Sov. muz. 20 no. 10:129 O '56.

KIEV—ELECTRIC ENGINEERING—STUDY AND TEACHING
Practical work in electric engineering. M. A. Pushkar'ov. Rad. shk. 35 no. 10:17-20 O '56.

KIEV—FAÇADES
Ceramic MK tiles used for facing buildings in Kiev. N. A. Sakharova. Nov. v stroi. tekh. no. 8:80-90 '56.

KIEV—HISTORY
"In Kiev, at the market." L. Sytenko. Ukraina no. 18: 27 S '56.

KIEV—KINDERGARTEN
Work of a kindergarten director. M. Davydova, A. Lapina, V. Lytvyns'ka. Doshk. vosp. 17 no. 10:19-24 O '56.

KIEV—MILITARY EDUCATION
Everyday life in "Kolkau." V. Shumov. Ogonek 34 no. 47:8 N '56.

KIEV—POTTERY
Artistic pottery. Rad. zhin. 11 no. 10:31 O '56.

KIEV—RADIO—EXHIBITIONS
Review of creative activity; the 13th all-Union radio exhibition. Radio no. 10:3-7 O '56.

KIEV—RADIO, SHORTWAVE—COMPETITIONS
Radio station collective in the competitions. G. Aprelenko, V. Cherevko. Radio no. 10:11-12 O '56.

KIEV—RADIO INDUSTRY—EXHIBITIONS
Craftsmanship and creative work. O. Hrynin. Ukraina no. 18:16 S '56.

KIEV—RUSSIAN NEWSPAPERS
"Brief meeting" as it was. A. Chernichenko. Sov. pech. no. 10:28-29 O '56.

KIEV—THEATER
Guest performances during the last summer. Mikh. Pilipovskii. Sov. Ukr. 6 no. 10:185-187 O '56.

KIEV PROVINCE—BOARDING SCHOOLS
Seminar for boarding-school personnel in Kiev Province. P. I. Pashchenko. Rad. shk. 35 no. 10:56 O '56.

KIEV PROVINCE—STOCK AND STOCKBREEDING
Let's achieve new successes in the competition between two provinces. P. Tron'ko. Blok. agit. no. 31:11-23 N '56.

KILNS
Converting chamber kilns from solid to gas fuel. I. T. Gubko, P. L. Satanovskii. Ogneupory 21 no. 6:259-263 '56.
Drying varnished tin plates with infrared rays in tunnel-type kilns. V. Z. Lukov. Ryb. khoz. 32 no. 9:34-36 S '56.
Improving the microclimatic conditions while unloading refractory articles from annular kilns. A. M. Spirina. Ozdor. usl. trud. na zav. no. 6:17-33 '56.

KINDERGARTEN
(see also subdivision under Belaya TSerkov; Kiev; Lukov)
How we familiarized children with their environment. F. D. Kuznetsova. Doshk. vosp. 20 no. 10:20-22 O '56.
A kindergarten for each collective farm. S. Neginskii. Doshk. vosp. 20 no. 10:32-36 O '56.
Learn from the best. M. V. Gavrilova. Doshk. vosp. 20 no. 10:28-32 O '56.
Pay more attention to training work in the kindergarten. Doshk. vosp. 20 no. 10:1-3 O '56.
Practice in training children. L. P. Shashkina, vosp. 20 no. 10:15-20 O '56.
Preparations in the kindergarten for the [illegible] day. IU. V. Rikhter. Doshk. vosp. 20 [illegible] O '56.
Training the emotions. F. S. Levin-Shcherbinina. vosp. 20 no. 10:4-14 O '56.
Work with parents in preparing kindergarten [illegible] for school. E. I. Popkovskaia. Doshk. [illegible] no. 10:23-27 O '56.
Zorina, A.L., and Z.A.Sergeeva. [Kindergartens for organizers of kindergartens] Detskii sad, [illegible] moshch' organizatoram detskikh sadov. M., [illegible] uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956, 31 p.

KINEMATICS IN MACHINERY see Machinery, [illegible]

KINETIC THEORY OF GASES see Gases, [illegible] of

KINETICS see Motion

KIRGHIZ AUTHORS see Authors, Kirghiz

KIRGHIZ LITERATURE—HISTORY AND CRITICISM
Living truth and a sense of measure. E. [illegible] Kirgizstan 17 no. 1:71-75 Ja-F '56.

KIRGHIZISTAN—ARCHAEOLOGY—BIBLIOGRAPHY
Bibliography—Kirghizistan—Archaeology

KIRGHIZISTAN—CANALS
Velocity profile and roughness factor in [illegible] M. I. Nazarov. Trudy Inst. vod. khoz. [illegible] SSR no. 3:70-95 '56.

KIRGHIZISTAN—ELECTRIC POWER DISTRIBUTION
Advantages of combining rural hydroelectric [illegible] stations in local power systems. V. N. [illegible] Trudy Inst. vod. khoz. i energ. AN Kir. [illegible] '55.
Static and dynamic stability of local power [illegible] piedmont districts of Kirghizistan. M. N. [illegible] Lugovoi, A. A. Krukov. Trudy Inst. vod. [illegible] AN Kir. SSR no. 1:81-116 '54.

KIRGHIZISTAN—ETHNOLOGY
Kirgizskaia arkheologo-etnograficheskaia [illegible] [Works of the Kirghiz Archaeological and [illegible] Expedition] Trudy... Pod red. G.F.Debetsa. [illegible] Izd-vo Akademii nauk SSSR.
Vol. 1. 1956. 181 p.
Preliminary summary of the ethnographic [illegible] search in the Kirghiz S. S. R. in 1954. S. M. [illegible] Krat. soob. Inst. etn. no. 25:19-25 '56.

KIRGHIZISTAN—HISTORY
Beginnings of the economic community of the Kirghiz people. S. I. Il'iasov. Trudy Inst. ist. AN Kir. SSR no. 2:10-28 '56.
Great course. A. Toktomushev. Kirgizstan [illegible] 6-9 Ja-F '56.
Some data on the help of the Russian people to the Kirghiz people in the building of socialism. [illegible] Budianskii. Trudy Inst. ist. AN Kir. SSR [illegible] '56.
Territorial community of the Kirghiz people in the [illegible] revolutionary period. K. Usenbaev. Trudy Inst. [illegible] AN Kir. SSR no. 2:20-36 '56.

KIRGHIZISTAN—HYDRAULIC ENGINEERING
Water-diversion works for rural hydroelectric power stations located on small streams in Kirghizistan. M. S. Ramazan. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 2:42-50 '55.

KIRGHIZISTAN—HYDROELECTRIC POWER
Characteristics of local power systems in piedmont districts of Kirghizistan. V. S. Lugovoi, M. N. [illegible] shakov, A. B. Sapozhnikov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 1:41-60 '54.

KIRGHIZISTAN—LIMESTONE
Factors of the local development of zones of [illegible] tional granulation of limestones such as an ore [illegible] of northern Kirghizia. I. A. Kenzin. Razved. i [illegible] nedr 22 no. 9:9-17 S '56.

KIRGHIZISTAN—ORE DEPOSITS
Factors of the local development of zones of [illegible] tional granulation of limestones such as an ore [illegible] of northern Kirghizia. I. A. Kenzin. Razved. i [illegible] nedr 22 no. 9:9-17 S '56.

KIRGHIZISTAN—POLITICS AND GOVERNMENT
First founding congress of the soviets of the Kirghiz A. S. S. R. Trudy Inst. ist. AN Kir. SSR no. 2:75-96 '56.

KIRGHIZISTAN—RADIO RELAY SYSTEMS
Constructing radio relay lines in the mountains of Kirghizistan. K. N. Ananiev, M. N. Leitsin. Elektrosviaz' 10 no. 10:74-76 O '56.

KIRGHIZISTAN—REVOLUTION, 1917-1921—FICTION
"Semirech'ye," a novel by N. Chakmenev. Dab. [illegible] Trudy Inst. ist. AN Kir. SSR no. 2:97-108 '56.

KIRGHIZISTAN—RIVERS
Characteristics of local power systems in piedmont districts of Kirghizistan. V. S. Lugovoi, M. N. Bol'shakov, A. B. Sapozhnikov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 1:41-60 '54.
Winter regime of small watercourses in Kirghizistan. M. S. Ramazan. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 1:119-130 '54.

KIRGHIZISTAN—ROCKS
Stone mushrooms. N. Arshinov. Vokrug sveta no. 10: 53 O '56.

KIRGHIZISTAN—SHORE PROTECTION
Improving the design of river defense structures in piedmont district. K. F. Artamonov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:69-77 '56.

KIRGHIZISTAN—SOIL RESEARCH
Soil Science Section after five years. D. IA. Mikhailov. Trudy Otd. pochv. KirFAN SSSR no. 4:3-5 '53.

KIRGHIZISTAN—SPRINKLER IRRIGATION
Sprinkler irrigation and its use in Kirghizistan. G. N. Vinogradov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 1:3-16 '54.

KIRGHIZISTAN—WATER—ANALYSIS
Data on the chemical composition of the water of high mountain streams in northern Kirghizistan. V. Kadyrov, R. Abdulkhairov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:113-117 '56.

KIRGHIZISTAN—WOMEN
Measures taken by the party and the Soviet government for the liberation of the Kirghiz woman in 1917-1926. Zh. Tatybekova. Trudy Inst. ist. AN Kir SSR no. 2:5-17 '56.

KIROVABAD (AZERBAIJAN)—CLAY
Study of colloidal dispersed clay minerals in the Maikop gas and oil source bed of the Kirovabad oil-bearing region in Azerbaijan. A. G. Seidov. Vop. min. osad. obr. 3/4:613-638 '50.

KIROVABAD (AZERBAIJAN)—PETROLEUM GEOLOGY
Study of colloidal dispersed clay minerals in the Maikop gas and oil source bed of the Kirovabad oil-bearing region in Azerbaijan. A. G. Seidov. Vop. min. osad. obr. 3/4:613-638 '50.

KIROVABAD DISTRICT—PETROLEUM GEOLOGY
Size of the geothermal gradient in the petroleum layers of Kirovabad District. S. A. Aliev. Uch. zap. AGU no. 9:27-32 '55.

KIROVAKAN—ANTIQUITIES
Excavations in Kirovakan and antiquities of the early Urartaean period. A. Martirosian. Izv. AN Arm. SSR. Obshchestv. nauki no. 9:61-84 S '56.

KIROVOGRAD PROVINCE—CHESS—TOURNAMENTS
This is how success comes. S. Shinkarevskii. Shakh. v SSSR 33 no. 9:278 S '56.

KISHCHAY RIVER—FLOODS
Flash floods in the Kishchay and Shinchay Rivers. I. A. Kotlarskii, A. A. Terterov. Meteor. i gidrol. no. 8:39-40 Ag '56.

KISLIK, N.
Friendly conversation ("Talking with friends." N. Kislik. Reviewed by V. Taras). Polymia 34 no. 10:156-158 O '56.

KISLOVODSK—CONCERTS
Kislovodsk. Sov. muz. 20 no. 10:130 O '56.

KISLOVODSK—HEALTH RESORTS, WATERING PLACES, ETC.
Kislovodsk today. G. Andreev. Nova no. 10:151-153 O '56.

KISLOVODSK—THERAPEUTICS, PHYSIOLOGICAL
Russia (1923- U.S.S.R.) Glavnoe upravlenie kurortov i sanatoriev. [General principles of treating patients at the Kislovodsk health resort] Osnovnye printsipy lechenila bol'nykh na Kislovodskom kurorte. [Stavropol'] Stavropol'skoe kn-vo, 1954, 366 p. (DAFM)

KITCHEN UTENSILS
Rybakin, S.V., IU.M. Ponomarev, and N.S. Khesin. [The manufacture of cast iron utensils] Proizvodstvo chugunnoi posudy. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 158 p.

KIZEL BASIN—COAL
Petrological composition of Kizel coals and its effect on coking properties and preparation. I. E. Val'ts. Trudy Inst. geol. nauk no. 90:145-146 '47.

KIZEL BASIN—COAL GEOLOGY
Comparative analysis of results of the lithogenetic study of the Bureya, Chelyabinsk, and Kizel Basins. N. S. Gorodetskaia. Trudy Inst. geol. nauk no. 90:45-52 '47.

Methods of studying indeterminate coal-bearing strata as found in the Kizel coal fields. P. V. Vasil'ev. Trudy Inst. geol. nauk no. 90:53-69 '47.

KIZEL BASIN—COAL MINES AND MINING—SAFETY MEASURES
Working coal pillars in shock-bump hazardous areas of the Kizel Basin mines. I. M. Petukhov. [Trudy] VNIMI no. 30:36-48 '56.

KIZEL BASIN—MINE DUST
Experience in controlling dust in the mine of the Kizel' Coal Basin. E. V. Rykhter. Gig. i san. 21 no. 8:41-45 Ag '56.

KIZIL KUM see Kyzyl-Kum

KIZIL-YURT—LIBRARIES AND READERS
Promoting belletristic literature in minority languages. A. Ivanova. Bibliotekar' no. 11:11-14 N '56.

KLINDUKH FAMILY
Family profession. A. Petrov. Mol. kolkh. 23 no. 9: 9-10 S '56.

KLINETS—ART, PRIMITIVE
New discovery of an ornamented mammoth tusk. V. A. Meshata. Krat. soob. Inst. arkheol. AN URSR no. 6: 40-42 '56.

KLYSTRONS
A case of mutual synchronization of reflex klystrons. R. V. Khokhlov. Radiotekh. i elektron. 1 no. 1:88-97 Ja '56.
Cyclotron resonance. V. N. Lazukin. Usp. fiz. nauk. 59 no. 3:553-562 Jl '56.

KNEE JOINT—BLOOD SUPPLY
Knee joint and its blood circulation system in man as compared with other mammals. P. M. Mazluha. Trudy Inst. zool. AN URSR 13:71-92 '56.

KNEE JOINT—DISEASES
Brucellar bursitis of the knee joint. I. I. Shushkovskii. Vest. khir. 77 no. 9:123-126 S '56.

KNEE JOINT—WOUNDS AND INJURIES
General treatment of knee joint injuries in athletes. Z. S. Mironova, A. S. Martens. Teor. i prak. fiz. kul't. 19 no. 9:684-689 '56.

KNIT GOODS INDUSTRY
(see also subdivision under Gorkiy; Pyatigorsk)
Buckling of a warp knit fabric. M. I. Volkov, L. M. Dvorkin. Leg. prom. 16 no. 9:48-49 S '56.

KNITTING
Getting ready for winter. M. Gai-Gulina. Rabotnitsa 34 no. 11 insert:1-4 N '56.

KNITTING MACHINES
A valuable book ("Rapid warp knitting machines" by S. Kh. Simin. Reviewed by P. S. Stel'tsboim). Leg. prom. 16 no. 9:50-51 S '56.

KNITTING MACHINES—ATTACHMENTS
Mechanization and automatization of manually performed operations on flat, cardigan-stitch knitting machines. V. E. Grunin. Leg. prom. 16 no. 9:33-37 S '56.

KNOX COAST—GRANITE
Granite outcrops at the Knox Coast in Antarctica. O. S. Vinlov, P. S. Voronov. Dokl. AN SSSR 109 no. 6:1187-1190 Ag '56.

KOBYSTAN—WATER, UNDERGROUND
Waters occurring below the petroleum layers of the Maikop formation in Kobystan and their iodine content. M. S. Agalarov. Uch. zap. AGU no. 6:47-51 '55.

KOCHERGA, IVAN ANTONOVICH, 1881-1952
Ivan Kocherga, the masterful playwright. IUrii Kostiuk. Dnipro 30 no. 10:102-106 O '56.

KOCHKUR VALLEY—SOIL PHYSICS
Effect of perennials on soil structure in the Kochkur Valley of Tien Shan. A. M. Mamytov. Trudy Otd. pochv. KirFAN SSSR no. 4:23-44 '53.

KÖNIGSTEIN IN TAUNUS, GERMANY—CATHOLIC CHURCH
Sixth Congress of "The Church in need"; information. N. A. Teodorovich. Obz. vazhn. sob. SSSR 3 no. 98: 37-40 O '56.

KOGAN, L.
Argentina-Uruguay-Chile-France. L. Kogan. Sov. muz. 20 no. 9:135-139 S '56.

KOK-SAGHYZ—DISEASES AND PESTS
Formation of mycoflora. N. A. Cheremisinov. Bot. zhur. 41 no. 9:1283-1308 S '56.

KOKAND—HISTORY
"Kuruk," preserves, a Khan Khudaiar of Kokand. A. L. Troitskaia. Sbor. [Len.] pub. bibl. 3:122-156 '55.

KOKPEKTY—PALEONTOLOGY, STRATIGRAPHIC
Age of marine Paleozoic deposits of Chakel'mes Hills and in the vicinity of Kokpekty. V. P. Nekhoroshev. Inform. sbor. VSEGEI no. 2:24-29 '55.

KOLA PENINSULA—DESCRIPTION AND TRAVEL
In the Far North. Mikh. Zlatogorov. Smena 33 no. 16: 1-3 S '56.

KOLA PENINSULA—TRONDHJEMITES
Rocks of Mount Loipl (Kola Peninsula) in connection with the discussion of the term "trondhjemite." V. A. Rabotshin. Inform. sbor. VSEGEI no. 2:49-52 '55.

KOLAS, IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOLKHOZES see Collective farms

KOLOMNA—MACHINERY INDUSTRY
A giant machine. S. Fridiland. Ogonek 34 no. 44:4 O '56.

KOLOT, DAR'IA IVANOVNA
The first woman tractor-operator. Sov. zhen. 12 no. 11: 32 N '56.

KOMAROV, VLADIMIR LEONT'EVICH, 1869-1945
Akademiia nauk SSSR. [General meeting of the Academy of Sciences of the U.S.S.R., October 14-17, 1944; in honor of the President of the Academy, Academician V. L. Komarov, in connection with his 75th birthday and the 50th anniversary of his scientific activity] Obshchee sobranie Akademii nauk SSSR, 14-17 oktiabria 1944 goda; posviashchennoe chestvovaniiu prezidenta Akademii nauk SSSR akademika V. L. Komarova, v sviazi s 75-letiem so dnia rozhdeniia i 50-letiem nauchnoi deiatel'nosti. Moskva, 1945. 200 p.

KOMI A.S.S.R.—AGRICULTURE
In the Komi Branch of the Academy of Sciences of the U.S.S.R. Information. Trudy Komi fil. AN SSSR no. 2:191-193 '54.
Reclamation of land is the basic factor in the further development of agriculture in the Komi A.S.S.R. A.S. Bystrozorov, P.P. Vavilov. Trudy Komi fil. AN SSSR no. 2:3-14 '54.

KOMI A.S.S.R.—BEAVERS
Beaver repopulation along rivers of the Komi A.S.S.R. A.N. Romanov. Trudy Komi fil. AN SSSR no. 2:140-159 '54.

KOMI A.S.S.R.—CATTLE BREEDING
Crosses of Kholmogory and Red Latvian cattle on the "Kos'iu" State Farm. G.M. Ivanova. Trudy Komi fil. AN SSSR no. 2:131-134 '54.

KOMI A.S.S.R.—CLOVER
Meadow clover populations in wild and cultivated conditions. M.S. Shchenkova. Trudy Komi. fil. AN SSSR no. 2:71-81 '54.

KOMI A.S.S.R.—FISHING
Strengthening and developing fishing in the Komi A.S.S.R. O.S. Zvereva. Trudy Komi fil. AN SSSR no. 2:185-187 '54.

KOMI A.S.S.R.—FRUIT CULTURE
Promising new fruit trees for collective farm orchards of the Komi Republic. M.M. Charochkin. Trudy Komi fil. AN SSSR no. 2:107-113 '54.

KOMI A.S.S.R.—HISTORY
Pechora region in ancient times. L.P. Lashuk. Trudy Komi fil. AN SSSR no. 2:161-170 '54.

KOMI A.S.S.R.—LAKES
Ozei lakes. O.S. Zvereva. Trudy Komi fil. AN SSSR no. 2:135-147 '54.

KOMI A.S.S.R.—MILLET
First results of experiments with the Italian millet in the Komi A.S.S.R. P.V. Pornachev. Trudy Komi fil. AN SSSR no. 2:170-181 '54.

KOMI A.S.S.R.—MONEY
Ancient monetary reckoning in Komi and history of the monetary term "ur." D.A. Timushev. Trudy Komi fil. AN SSSR no. 2:171-178 '54.

KOMI A.S.S.R.—RED CLOVER
Pollination of red clover by bumblebees in the Komi A.S.S.R. L.M. Kupchikova. Trudy Komi fil. AN SSSR no. 2:83-90 '54.

KOMI A.S.S.R.—SHEEP
Some advanced practices in the sheep farming of the Komi A.S.S.R. K.I. Maslova. Trudy Komi fil. AN SSSR no. 2:123-129 '54.

KOMI A.S.S.R.—SOILS
Agricultural characteristics of virgin soils of the central zone of the Komi A.S.S.R. I.V. Zaboeva, D.M. Rubtsov. Trudy Komi fil. AN SSSR no. 2:16-16 '54.

KOMI A.S.S.R.—STOCK AND STOCKBREEDING
Two-cycle method of organizing the dayls work on the livestock farm of the Biological Experiment Station of the Komi Branch of the Academy of Sciences of the U.S.S.R. P.F. Rokitskii. Trudy Komi fil. AN SSSR no. 2:115-122 '54.

KOMI A. S. S. R.—TOMATOES
Importance of light in growing potatoes in the central zone of the Komi A. S. S. R. E. S. Bolotova. Trudy Komi fil. AN SSSR no. 2:99-106 '54.

KON TIKI EXPEDITION
"Expedition 'Kon Tiki'." Thor Heyerdahl. Reviewed by V. Raush. Geog. v shkole 19 no. 5:75-76 S-O '56.

KONCHALOVSKII, PETR PETROVICH, 1876-1956
Paintings of Petr Petrovich Konchalovskii. 1876-1956. Ogonek 34 no. 43:16A-16D O '56.

KONSTANTIN KONSTANTINOVICH, Grand Duke of Russia, 1858-1915
Poushkin Society in America. [In memory of His Imperial Highness the Grand Duke Konstantin Konstantinovich] Pamiati Ego Imperatorskago Vysochestva Velikago Kniazia Konstantina Konstantinovicha (K. R.) N'iu-Iork, 1956. 16 p.
(MH)

KOPET DAGH—CAVES
Bakharden cave. M. P. Petrov. Priroda 45 no. 11:64-68 N '56.

KOPET DAGH—SAND
Origin of eolian sands in the eastern piedmont of Kopet Dagh. M. K. Grave. Izv. AN SSSR. Ser. geog. no. 5:97-100 S-O '56.

KOREA—FOREIGN RELATIONS
The penetration of European powers into Korea in 1830-1860. G. D. Tiagai. Krat. soob. Inst. vost. no. 21:39-53 '56.

KOREA, NORTH
Through Korea. Nov. Kor. no. 3:42-3 of cover Mr '56.

KOREA, NORTH—AGRICULTURE, COOPERATIVE
Birth of a new life. Pak Sŏk-chŏn. Nov. Kor. no. 3:27-28 Mr '56.

Rebirth of the land. An Pyŏn-nyŏn. Nov. Kor. no. 3:31-34 Mr '56.

Struggle to consolidate the successes of agricultural reform. Song Gun-chan. Nov. Kor. no. 3:10-13 Mr '56.

KOREA, NORTH—COMMUNIST PARTY
Labor Party is the organizer and inspirer of the victories of the Korean people. Kim Chŏng-hwan. Nov. Kor. no. 3:3-8 Mr '56.

KOREA, NORTH—COMMUNIST PARTY—CONGRESSES
Source of inspiration. Kim Un-yŏn. Nov. Kor. no. 3:8-9 Mr '56.

KOREA, NORTH—ECONOMIC CONDITIONS
Autumn in Pyongyang. N. Shimmel'. Nov. vrem. 14 no. 45:19-22 N '56.

KOREA, NORTH—FOREIGN RELATIONS—CHINA
Mission of friendship. Cho Hak-lya. Nov. Kor. no. 3:16-17 Mr '56.

KOREA, NORTH—HISTORY
First of March movement. Yi Chŏn-wŏn. Nov. Kor. no. 3:35-37 Mr '56.

KOREA, NORTH—LIBRARIES, TRAVELING
Expansion of bookmobile library work. Nov. Kor. no. 3:39 Mr '56.

KOREA, NORTH—MOTION-PICTURE INDUSTRY
Visiting Korean motion-picture workers. S. Antonov. Isk. kino no. 9:93-98 S '56.

KOREA, NORTH—NAVY
Sailors of the Korean Navy. V. Zhuravlev, B. Prichkin. Sov. mor. 16 no. 9:12 My '56.

KOROL'KOV, SERGEI IVANOVICH, 1901-1956
Sergei Ivanovich Korol'kov. Gidroliz. i lesokhim. prom. 9 no. 5:32 '56.

KORPILOVKA—COLLECTIVE FARMS
At Korpilovka, a village in Polesye. Vasilii Hol'shak. Sov. Ukr. 6 no. 9:145-150 S '56.

KOSMATENKO, ANATOLII
Progress of a fabulist ("New fables." Anatolii Kosmatenko. Reviewed by V. Darda). Zmina no. 10:8 O '56.

KOSTROMA PROVINCE—INSURANCE, SOCIAL
In Kostroma Province the task was successfully completed. T. Ivanova, V. Aksenov. Sots. obesp. 17 no. 10:14-15 O '56.

KOTEVA, STANKA
Woman from Krasnaya Polyana. V. Zhuravskii. Rabotnitsa 34 no. 10:13-14 O '56.

KOTLIAROV, B.
New verse for children ("The bravest one"; verse. B. Kotliarov. Reviewed by Tat'iana Russova). Sov. Ukr. 6 no. 10:179-180 O '56.

KOTOROSL' VALLEY—PHYSICAL GEOGRAPHY
Geomorphology and soils of the basin incorporating Lake Nero and the Ust'ye and Kotorosl' Rivers. N. V. Chizhikov. Trudy Lab. sapr. oil. no. 6:130-144 '56.

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913
Ivan Franko and Mykhailo Kotsiubyns'kyi. Nina Kalenychenko. Dnipro 30 no. 10:114-119 O '56.

KOUWATLY, SHUKRI, 1891-
Shukri Kouwatly. Nov. vrem. 14 no. 43:31 O '56.

KOVAN'KOVSKII, PETR LEONIDOVICH, 1876-
Professor P. L. Kovan'kovskii's anniversary. N. Novak-Decker. Vest. Inst. po izuch. SSSR no. 3:5-7 Jl-S '56.

KOZHEVNIKOV, VADIM MIKHAILOVICH, 1909-
Rank and file of the revolution ("Meeting the dawn." Vadim Kozhevnikov. Reviewed by B. Galanov). Zvezda no. 11:185-188 N '56.

KRAKOW—DESCRIPTION
"Krakow wasn't built in a day." D. Plonskii. Vokrug sveta no. 10:14-16 O '56.

KRASNODAR—BOOKSELLERS AND BOOKSELLING
Councils to assist stores in the distribution of books. Sov. knizh. torg. no. 10:11 O '56.

Work of the department for trade outside the store. V. Fed'ko. Sov. knizh. torg. no. 10:10 O '56.

KRASNODAR—TOBACCO INDUSTRY
Our efficient workers. V. F. Trubnikov. Tabak 17 no. 3:48-50 '56.

KRASNODAR TERRITORY—CORN (MAIZE)
Under the banner of socialist competition. L. Likholvanenko. Kukuruza 1 no. 4:17-19 Jl '56.

KRASNODAR TERRITORY—FARM BUILDINGS
One hundred new constructions on a state farm. G. Korotaev. Sov. profsoiuzy 4 no. 10:75-76 O '56.

KRASNODAR TERRITORY—LIMA BEAN BREEDING
Formation of types in lima bean hybrids under conditions prevailing in Krasnodar Territory. A. M. Drozd. Trudy VNIIKOP no. 5:210-217 '55.

KRASNODAR TERRITORY—PEAS—VARIETIES
Developing varieties of winter peas for the foothills of Krasnodar. A. M. Drozd. Trudy VNIIKOP no. 5:191-200 '55.

KRASNODAR TERRITORY—PHYSICAL EDUCATION AND TRAINING
Sportsmen of a Kuban stanitsa. Ch. Shakhmaliev. Mol. kolkh. 23 no. 9:26-27 S '56.

KRASNODAR TERRITORY—RASPBERRIES
Everbearing raspberries. E. P. Kuminov. Agrobiologiia no. 5:148-149 S-O '56.

KRASNODAR TERRITORY—SKIN—CANCER
Incidence of skin cancer in Krasnodar Territory [with summary in English]. A. G. Ikimenko. Vop. onk. 2 no. 4:464-468 '56.

KRASNODAR TERRITORY—SQUIRRELS
Squirrels in Krasnodar Territory. V. Kotov. Okh. i okh. khoz. no. 10:13 O '56.

KRASNODAR TERRITORY—SWIMMING
The 1360 kilometer swim. A. Naimushin. Fizk. i sport 26 no. 10:10 '56.

KRASNODAR TERRITORY—TEA
Reclamation of slopes for growing tea in subtropical regions of Krasnodar Territory. A. V. Motserelliia. Zemledelie 4 no. 10:66-70 O '56.

KRASNOKAMSK—PETROLEUM WORKERS
In Krasnokamsk. Z. A. Rzaev. Neftianik 1 no. 9:34-35 S '56.

KRASNOURAL'SK—COAL
Shungite in rocks and veins of [illegible] tions in the vicinity of Krasnouralsk, Urals. A. I. Aleksandrov. Zap. [illegible] no. 3:418-419 '56.

KRASNOURAL'SK—ROCKS, IGNEOUS
Shungite in rocks and veins of [illegible] tions in the vicinity of Krasnouralsk, Urals. A. I. Aleksandrov. Zap. [illegible] no. 3:418-419 '56.

KRASNOVODSK PENINSULA—EARTH MOVEMENTS
The nature of recent tectonic movements [illegible] vodsk Peninsula. V. G. Rikhter. [illegible] geog. no. 3:63-67 My-Je '56.

KRASNOYARSK—BOOKSELLERS AND BOOKSELLING
First city book fair. B. Briukhanov. [illegible] no. 10:10 O '56.

Our workdays. M. Kuznetsova. [illegible] O '56.

KRASNOYARSK—THEATER
First visit to Moscow. Vl. Pimenov. [illegible] no. 43:18 O '56.

KRASNOYARSK HYDROELECTRIC POWER [illegible]
Birth of a giant. I. Gibritsev. [illegible] Jl-Ag '56.

KRASNOYARSK TERRITORY—HUNTING
Pay more attention to commercial [illegible] Okh. i okh. khoz. no. 10:3-4 O '56.

KRASNOYARSK TERRITORY—MOTION PICTURE PROJECTION
In Krasnoyarsk Territory. Iu. Filatov, [illegible] nik no. 10:10-11 O '56.

KRASNOYARSK TERRITORY—SABLES
Where sables come from. P. Manuilov. [illegible] no. 10:18-21 O '56.

KRASNYE BAKI DISTRICT—LIBRARIES AND READING
We shall bring the book to every home. [illegible] Bibliotekar' no. 10:18-21 O '56.

KRASNYY LUCH—LITERARY SOCIETIES
Young prose-writers and poets. A. Sillers. [illegible] no. 10:27 O '56.

KRAVCHENKO, ULIANA, pseud. see Moskvina, Uliana, 1860-1947

KREMENCHUG HYDROELECTRIC POWER [illegible]
Construction of the Kremenchug Hydroelectric Station is progressing. I. Bratchenko. [illegible] 11 no. 10:10 O '56.

KREMLIN see Moscow. Kremlin

KRESTETS DISTRICT—FLAX
With the children of Ruch'yevo school. [illegible] 13 My '56.

KRIVOY ROG—GEOLOGY, STRATIGRAPHIC
Stratigraphic nomenclature of Krivoy Rog [illegible] vinkina. Inform. sbor. VSEGEI no. [illegible]

KRIVOY ROG—IRON MINES AND MINING
Short and clear. A. Martyntsov. Klub [illegible] '56.

KRIVOY ROG—IRON ORES
Processes of mineral formation in rich [illegible] mentary iron ores of Krivoy Rog. [illegible] Vop. min. osnad. obr. 3/4:160-173 '56.

KRIVOY ROG—STEEL INDUSTRY
Restless people. L. Shchipko. Sov. Ukr. 6 [illegible] 144 S '56.

KRIVOY ROG BASIN—WATER, UNDERGROUND
Conditions of the formation of chloride and [illegible] containing waters in the Krivoy Rog Basin. V. G. Notarov. Geol. zhur. 16 no. 3:38-43 '56

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, [illegible]
Reunion after many years. Sov. pedag. 20 [illegible] 126 N '56.

KRYLOV, IVAN ANDREEVICH, 1769-1844
I. A. Krylov; new material. S. M. Babintsev. [illegible] [Len.] pub. bibl. 3:50-60 '56.

KRYLOV, IVAN ANDREEVICH, 1769-1844—MANUSCRIPTS
Manuscripts of I. A. Krylov. A. P. Mogilianskii. [illegible] Ruk. otd. Push. doma no. 0:5-26 '56.

Supplement to the description of the manuscripts of I. A. Krylov. Biul. Ruk. otd. Push. doma [illegible] '56.

KU YÜAN, 1919-
Ku Yüan, artist of the new China. V. Krivtsov. [illegible] stvo 10 no. 6:71-76 '56.

KUBAN—HARVESTING MACHINERY
Os'kin, A.L., and A.I.Budko. [Over-all mechanization of harvesting in the Kuban] Kompleksnaia mekhanizatsiia uborki na Kubani. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 157 p. (Peredovoi opyt v sel'skom khoziaistve)

KUBAN—SUGAR BEETS—STORAGE
Storage of sugar beets in the Kuban. G. S. Zhemlenko. Sakh. prom. 30 no. 8:9-11 Ag '56.

KULICHIKHIN, NIKOLAI IVANOVICH, 1895-
Nikolai Ivanovich Kulichikhin. Trudy MGRI 30:5-8 '56.

KULICHIKHIN, NIKOLAI IVANOVICH, 1895- —BIBLIOGRAPHY see Bibliography—Kulichikhin, Nikolai Ivanovich, 1895-

KUNASHIR ISLAND—MARINE BIOLOGY
Fauna and flora of the intertidal zone of Kunashir Island. O. G. Kusakin. Trudy probl. i tem. sov. no. 6:98-115 '56.

KUNENBAEV, ABAI, 1845-1904—FICTION
Novels of Mukhtar Auezov about Abai [in Kazakh]. Z. Akhmetov, I. Dzusenbaev. Komm. Kazakh. 26 no. 11: 58-62 N '56.

KUNSHAN, CHINA—THEATER
"Fifteen thousand coins." Kitai no. 8:32-33 Ag '56.

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938
Berkov, P. N. [Aleksandr Ivanovich Kuprin; a critical and biographical sketch] Aleksandr Ivanovich Kuprin; kritiko-biograficheskii ocherk. Moskva, Izd-vo Akademii nauk SSSR, 1956. 191 p. (Nauchno-populiarnaia serila)

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938—BIBLIOGRAPHY see Bibliography—Kuprin, Aleksandr Ivanovich, 1870-1938

KURILE ISLANDS—SCULPIN
Ecology and distribution of cottoid fishes in the waters of southern Sakhalin and southern Kurile Islands. M. I. Legeza. Trudy probl. i tem. sov. no. 6:122-131 '56.

KURILE TRENCH—FISHES
Deep-sea fishes of the Kurile-Kamchatka Trench. T. S. Rass. Trudy probl. i tem. sov. no. 6:10 '56.

KURILE TRENCH—MARINE FAUNA
Vertical distribution of benthonic fauna in the Kurile-Kamchatka Trench. L. A. Zenkovich, IA. A. Birshtein, G. M. Belinov. Trudy probl. i tem. sov. no. 6:15-16 '56.

KURILE TRENCH—PLANKTON
Vertical distribution of plankton in the Kurile-Kamchatka Trench. IA. A. Birshtein, M. E. Vinogradov, IU. G. Chindonova. Trudy probl. i tem. sov. no. 6:17-10 '56.

KURKIN, PETR IVANOVICH, 1858-1934
P. I. Kurkin, outstanding Russian medical statistician. G. A. Batkis. Uch. zap. po stat. 1:315-322 '55.
Petr Ivanovich Kurkin (1858-1934). F. D. Markuzon. Uch. zap. po stat. 1:323-330 '55.

KURONNAKH VALLEY—ROCKS, IGNEOUS
Petrology of post-Jurassic intrusive bodies of the Yakokut-Kuronnakh watershed. E. P. Leonova. Uch. zap. Ped. inst. Gerts. 117:103-121 '56.

KURSHAKOV, NIKOLAI ALEKSANDROVICH, 1886-
N. A. Kurshakov; on his 70th birthday. Torap. arkh. 28 no. 6:3-5 '56.

KURSHEV, ANDREI NIKANDROVICH
Kurshov, I. IUdovich. Neva no. 10:164-160 O '56.

KURSK PROVINCE—SUGAR BEETS
Effectiveness of foliar feeding in Kursk Province. S. T. Ligum. Sakh. svekl. no. 6:36-39 Ag '56.

KUSTANAY PROVINCE—HARVESTING
The harvest in Kustanay Province. H. Aksel'rod, H. Lobanov. Ukraina no. 16:1-2 S '56.

KUSTANAY PROVINCE—WALKING
Kustanay walkers. K. TSvetkov. Fizk. i sport 26 no. 10:11 '56.

KUSTOV, PAVEL
The face of the poet ("Poetry." P. Kustov. Reviewed by I. Avramenko). Neva no. 9:194-195 S '56.

KUTKASHEN DISTRICT—LEPIDOPTERA
Lepidoptera injurious to forest plantations in Kutkashen District of the Azerbaijan S. S. R. L. M. Akhundova-Tuseva. Uch. zap. AGU no. 9:65-72 '55.

KUTUZOV, MIKHAIL ILLARIONOVICH, 1745-1813
Russia (1923- U. S. S. R.) TSentral'nyi gosudarstvennyi voenno-istoricheskii arkhiv. [M. I. Kutuzov; a collection of documents] M. I. Kutuzov; sbornik dokumentov. Moskva, Voen. izd-vo Ministerstva obor. SSSR.
Vol. 4, pt. 2. [October-December 1812] Oktiabr'-dekabr' 1812 g. 1955. 848 p.
——— [An album of maps] Al'bom skhem. 5 fold maps.

KUYBYSHEV—CONCERTS
Kuybyshev. Sov. muz. 20 no. 9:118 S '56.
Kuybyshev. Sov. muz. 20 no. 10:130 O '56.

KUYBYSHEV—DAMS
Using local materials for consolidating slopes. N. E. Shirokov. Gidr. stroi. 25 no. 9:25-26 O '56.

KUYBYSHEV—JOURNALISTS
The newspaper and writers. Part. zhizn' no. 18:75-77 S '56.

KUYBYSHEV—PETROLEUM INDUSTRY—CONGRESSES
All-Union conference of workers on oil production. G. Cherniaev. Neftianik 1 no. 8:28-29 Ag '56.

KUYBYSHEV HYDROELECTRIC POWER STATION
Concrete work in building the sluices at the Kuybyshev Hydroelectric Power Station. IA. R. Besser, M. F. Korotkii, M. N. Sats. Gidr. stroi. 25 no. 9:8-15 O '56.
Russia (1923- U. S. S. R.) Ministerstvo elektrostantsii. [Kuybyshev Hydroelectric Power Station on the Volga] Kuibyshevskaia gidroelektrostantsiia na r. Volge. [Moskva] Gosenergoizdat, 1956. 13 p.

KUYBYSHEV PROVINCE—AGRICULTURE
The restoration and development of agriculture in the restoration period of 1921-1926; based on Samara Gubernitya materials. N. S. Zhuravleva. Ist. zap. 60:265-277 '56.

KUZHAM'IAROV, KUDDUS
The first Uigur opera. P. Aravin, L. Varshavskii. Sov. muz. 20 no. 10:101-105 O '56.

KUZNETSK BASIN—COAL GEOLOGY
Geology of the Kuznetsk Basin. V. I. IAvorskii. Trudy Inst. geol. nauk no. 90:175-184 '47.
Metamorphism of coals in the Kuznetsk Basin. V. V. Stanov. Trudy Inst. geol. nauk no. 90:185-194 '47.
Stages of coal geological prospecting work in the Kuznetsk Basin. E. M. Senderzon. Razved. i okh. nedr 22 no. 9:25-30 S '56.

KUZNETSK BASIN—COAL MINES AND MINING
An early fulfillment of the plan. P. Bezhin. Mast. ugl. 5 no. 8:10 Ag '56.
The record of Kuznetsk Basin miners. L. Petrov. Mast. ugl. 5 no. 8:3-4 Ag '56.

KUZNETSK BASIN—MINE RAILROADS
Protecting the ballast bed from erosion. V. A. Berdiugin. Ugol' 31 no. 10:30 O '56.

KUZNETSK BASIN—POTATOES
A crew leader tells about her experience. M. N. Komkova. Kartofel' no. 4:62-63 S-O '56.

KUZNETSK BASIN—SMELTING
Vasil'ov, A. N., I. E. Podynogin, and P. D. Nikitin. [Work practices of outstanding steel smelters of the Kuznetsk Metallurgical Combine] Opyt raboty peredovykh masterov-stalevplavil'shchikov Kuznetskogo metallurgicheskogo kombinata. Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, 1956. 111 p.

KUZNETSOV, BORIS ANDREEVICH
A poet's creative record. L. Pavlov. Na rub. 17 no. 6: 163-170 S-O '56.

KYANITE
Thermal effects on heating curves of disthene and andalusite [with English summary in insert]. V. S. Sobolev, A. I. TSvetkov. Geokhimiia no. 4:45-47 '56.

KYRVAKAR, MOUNT—MINERALOGY
Mineralogy of the alunite-pyrophyllite stratum of Mount Kyrvakar (Dashkesan mining region). M. A. Kashkai, F. G. Guseinov. Uch. zap. AGU no. 1:33-51 '55.

KYZYL-KUM—PASTURES AND MEADOWS
Some ways for the efficient use and improvement of the pastures of northern Kyzyl-Kum. L. IA. Kurochkina. Trudy Inst. bot. AN Kazakh. SSR 1:57-83 '55.

LABOR (OBSTETRICS)
Labor after corporeal cesarean section. A. M. Tuganova. Akush. i gin. 32 no. 4:28-32 Jl-Ag '56.
A new method for expelling the afterbirth. M. M. Mitlin. Akush. i gin. 32 no. 4:71-72 Jl-Ag '56.

LABOR, COMPLICATED
Clinical features of the course of pregnancy and labor in hypotensive women. L. E. Vaisman. Akush. i gin. 32 no. 4:41-47 Jl-Ag '56.
Inertia uteri. B. I. Tabachnik. Akush. i gin. 32 no. 4: 37-40 Jl-Ag '56.
Pregnancy and labor in women with hypertension. E. A. Azletskaia-Romanovskaia. Vop. okh. mat. i det. 1 no. 5:68-73 S-O '56.

LABOR, HOURS OF see Hours of labor

LABOR AND LABORING CLASSES
(see also subdivision under Gottwaldov, Czechoslovakia; Great Britain; Okinawa Island; United States)
A Marxist generalization of the economic history of the proletariat ("History of the laboring class under capitalism," 8 vols [in German]. Jürgen Kuczynski. Reviewed by N. A. Erofeev and others). Vop. ist. no. 9:140-153 S '56.
Raising workers' standard of living. Jan Dessau. Vsem. prof. dvizh. no. 9 insert:3-5 S '56.
Relations of the progressive Russian workers with the revolutionary movement of the West in the 1870's. B. S. Itenberg. Vop. ist. no. 9:17-30 S '56.
Role of the Soviet working class in socialist transformation of the village. V. Selunskaia. Kommunist 33 no. 14:85-100 S '56.
Statement by the head of the World Federation of Trade Unions' delegation at the Congress of the General Council of Japanese Labor Unions. Vsem. prof. dvizh. no. 10:6-7 O '56.
"The theory of the situation of the worker [in German]. J. Kuczynski. Reviewed by M. Smit. Sots. trud. no. 4:111-115 Ap '56.
A trade unionist's notebook. Vsem. prof. dvizh. no. 10: 51-52 O '56.
Welcome to our workshops. A. Filippov. Neva no. 9: 7-8 S '56.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—PERIODICALS see subdivision under Poland

LABOR AND LABORING CLASSES—WAGES see Wages

LABOR LAWS AND LEGISLATION
At the All-Union Institute of Legal Science. A. I. Stavtseva, A. F. Troshin. Sov. gos. i pravo no. 8:131-134 '56.
General conclusions on judicial practice in labor cases. V. M. Ostroukhova, M. M. Koldobskaia. Sov. gos. i pravo no. 7:103-106 '56.
"The role of Soviet labor law in the planned procurement of personnel for the national economy." E. Astrakhan, S. Karinskii, A. Staviseva. Reviewed by E. N. Korshunova. Sov. gos. i pravo no. 8:141-144 '56.
Tasks labor law in the light of resolutions of the 20th Party Congress. G. Moskalenko. Sots. trud. no. 10: 23-32 O '56.

LABOR PARTY see subdivision under Great Britain

LABOR PRODUCTIVITY
(see also subdivision under Germany, East)
Basiuk, T. L. [Principal methods of increasing labor productivity in socialist agriculture] Osnovnye puti povysheniia proizvoditel'nosti truda v sotsialisticheskom sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 1)
Calculating labor consuming operations in the woodpulp and paper industry. Z. V. Uchastkina. Bum. prom. 31 no. 9:28 S '56.
Comprehensive utilization of hidden potentialities in the growth of labor productivity. A. Boltianskii. Sots. trud. no. 10:104-112 O '56.
From the editor's mail. Sots. trud. no. 10:101-103 O '56.
Levin, I.M. [Planning the increase in labor productivity in enterprises] Planirovanie rosta proizvoditel'nosti truda na predpriiatiiakh. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti, vyp. 1, no. 8)
The measurement of labor productivity. S. Strumilin. Sots. trud. no. 4:32-45 Ap '56.
Measuring labor productivity. IA. Kvasha. Sots. trud. no. 10:33-45 O '56.
Measuring labor productivity in industry (coordinating conference at the Institute of Economics). V. F. Khuterna. Vest. AN SSSR 26 no. 9:113-116 S '56.
More about combined trades. M. Vlasov. Sots. trud. no. 4:108-110 Ap '56.
Output norms and the work of work norm specialists. A. Bochkov. Sots. trud. no. 4:103-106 Ap '56.
Potentialities for increasing labor productivity in machine-tool plants. A. Polonskii. Plan. khoz. no. 4:69-74 '56.
Production standards research in the chemical industry. V. Anchugov. Khim. prom. no. 5:315-317 Jl-Ag '56.
Reducing the number of auxiliary workers is a source for increasing labor productivity. G. Chubarov. Strol. mat., izdel. i konstr. 2 no. 8:26-28 S '56.
The supply of material and equipment as a factor in the growth of labor productivity. E. Lokshin. Sots. trud. no. 4:12-23 Ap '56.
The 20th Congress of the Communist Party of the Soviet Union and problems of labor productivity in the U. S. S. R. V. Krylov. Vest. Inst. po izuch. SSSR no. 3: 56-72 Jl-S '56.
Utilize labor force efficiently. N. E. Vlasov. Neftianik 1 no. 10:9-12 O '56.

LABOR PRODUCTIVITY—BIBLIOGRAPHY see Bibliography—Labor productivity

LABOR SUPPLY see subdivision under China

LABOR UNIONS see Trade unions

LABORATORIES
Work of a laboratory supervisor. A. L. Kursanov. Vest. AN SSSR 26 no. 9:41-45 S '56.

LABORATORIES—APPARATUS AND SUPPLIES
Preparing sterile Petri dishes. N. A. Petrov. Voen.-med. zhur. no. 7:90 Jl '56.
Rack for separating funnels for vitamin A tests. F. E. Evtushenko, T. E. Cherezova. Veterinariia 33 no. 11: 32 N '56.
Simple pump for circulation of liquids. G. F. Kutukov. Zav. lab. 22 no. 8:998 Ag '56.

LABORATORIES, BIOLOGICAL see subdivision 'Biological laboratories' under Belgium; France

LABORATORIES, CHEMICAL see Chemical laboratories

LABORATORIES, CHEMICAL ENGINEERING see Chemical engineering laboratories

LABORATORIES, ENGINEERING see Engineering laboratories

LABORATORIES, MEDICAL see Medical laboratories

LABORATORIES, TESTING see Testing laboratories

LACE AND LACEMAKING see subdivision under Elets

LACQUER AND LACQUERING
(see also subdivision under China)
Finishing furniture with hot lacquers and paints (from "Industrial Finishing" no. 4, no. 6 '56). Der. prom. 5 no. 10:29-30 O '56.

LACTATION
Characteristics of carbohydrate metabolism during lactation in diabetes mellitus. D. E. IAnkelevich. Biul. eksp. biol. i med. 42 no. 8:31-34 Ag '56.
Effect of vegetable protein concentrates on the milk productivity of sheep. T. V. Gorb. Sbor. trud. Khar'. vet. inst. 20:77-82 '49.
Regulation of the secretion of milk fat. M. G. Zaks. Usp. sovr. biol. 42 no. 2:202-214 S-O '56.

LACTOSE
Removal of nonsugars from whey in the production of sugar of milk. A. A. Rozanov, L. N. Sokolova. Trudy VNIIS no. 3:100-104 '55.
Rotary dryer for sugar of milk. A. A. Vinogradov. Trudy VNIIS no. 3:105-109 '55.

LAËNNEC, RENÉ THEOPHILE HYACINTHE, 1781-1826
An outstanding French physician; 175th anniversary of the birth of René Laënnec. R. V. Suvorova. Probl. tub. 34 no. 4:69-75 Jl-Ag '56.

LAGOISK DISTRICT—HYDROELECTRIC POWER STATIONS
The present. Vik. Uspenski. Belarus' 13 no. 10:26 O '56.

LAGORIO, ALEKSANDR EVGEN'EVICH, 1852-c. 1925
A. E. Lagorio's role in the development of petrology. A. P. Reznikov. Och. po ist. geol. znan. no. 5:260-273 '55.

LAKES see subdivision under Komi A.S.S.R.

LAMELLIBRANCHIATA see subdivision under Soviet Far East

LAMELLIBRANCHIATA, FOSSIL see subdivision under Kazakhstan; Turkmenistan

LAMP SHADES
Luminaires with annular metal shades. I. A. Kulakov. Svetotekhnika 2 no. 5:9-11 S '56.

LAMPREYS
(see also subdivision under Vychegda River)
Subarctic lampreys in aquariums. K. F. Sedykh. Priroda 45 no. 10:114-115 O '56.

LAMUTS—HISTORY
The Even ("Tiugiasiry"). I. S. Gurvich. Krat. soob. Inst. etn. no. 25:42-55 '56.

LAND
Gumerov, M. N. [Land resources of the U.S.S.R. and their use; a lecture] Zemel'nye fondy SSSR i ikh ispol'zovanie; lektsiia. Moskva, Moskovskaia sel'skokhoziaistvennaia akademiia im. K. A. Timiriazeva, 1956. 30 p.

LAND, RECLAMATION OF see Reclamation of land

LAND CLEARING see Clearing of land

LAND TENURE
(see also subdivision under Byzantine Empire; China; Czechoslovakia; Hungary; Rome; Yakutia)
Historical sources for Soviet agrarian policy in 1917 and 1918. I. I. Varzho. Probl. istoch. no. 5:5-20 '56.
Lopatkin, A. N. [The agrarian program of the Bolsheviks during the planning and execution of the Great October Socialist Revolution] Agrarnaia programma bol'shevikov v period podgotovki i provedeniia Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 32)
Moscow. Universitet. IUridicheskii fakul'tet. [Land law] Zemel'noe pravo. [Moskva]
[No. 1] [Subject: "Law of collective farm land use."] Tema: "Pravo zemlepol'zovaniia kolkhozov."
[No. 2] [Model plan for conducting seminar meetings and assignments on: (1) The law of state socialist land ownership in the U.S.S.R; (2) Law of land use by state agricultural enterprises (state farms and others).] Primernyi plan provedeniia seminarskikh zaniatii i zadachi po temam: (1) Pravo gosudarstvennoi sotsialisticheskoi sobstvennosti na zemliu v SSSR; (2) Pravo zemlepol'zovaniia gosudarstvennykh sel'skokhoziaistvennykh predpriiatii (sovkhozov i dr.) [1955] 7 p.
The nature of equalized land use in Soviet Russia. E. A. Lutskii. Vop. ist. no. 9:59-71 S '56.

LANDING AIDS (AERONAUTICS)
Sound locator used in the landing approach of an airplane. N. Reshtein. Grazhd. av. 13 no. 9:9 S '56.

LANDSCAPE GARDENING
(see also subdivision under Stalinogorsk)
Economy in landscape gardening. G. Kuropil. Zhil.-kom. khoz. 6 no. 5:24-25 '56.
Greenery in cities. IU. Krugliakov. Arkhit. SSSR no. 11:30-32 '56.

LANDSLIDES see subdivision under Niagara River

LANGUAGE AND LANGUAGES
"The deciphering of ancient writings and languages" [in German]. Johannes Friedrich. Reviewed by I. M. Dunaevskaia. Vop. iaz. 5 no. 5:149-153 S-O '56.
The essence of structural linguistics. S. K. Shaumian. Vop. iaz. 5 no. 5:38-54 S-O '56.
Fifth dialectological conference. M. N. Preobrazhenskaia. Vop. iaz. 5 no. 5:160-161. S-O '56.

LANGUAGE AND LANGUAGES—GRAMMAR
Grammatical analysis in secondary schools. M. M. Stakhova'kyi. Rad. shk. 35 no. 10:46-47 O '56.

LANGUAGE AND LANGUAGES—PERIODICALS
Topic plan for the periodical "Voprosy iazykoznaniia" in 1957. Vop. iaz. 5 no. 5:162 S-O '56.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING
Improve foreign-language teaching in the school. Inostr. iaz. v shkole no. 5:3-12 S-O '56.
Kuchin, N.D. [The teaching of foreign languages in institutions of higher learning] O prepodavanii inostrannogo iazyka v vysshikh uchebnykh zavedeniiakh. Moskva, Gos. izd-vo "Sovetskaia nauka," 1955. 58 p.
A mistake in terminology. P. D. Fomin. Inostr. iaz. v shkole no. 5:100 S-O '56.
The order in which linguistic course projects should be completed; instructions for students. Uch. zap. Ped. inst. Gerts. 124:261-265 '56.
Programming a course on the methods of teaching foreign languages. N. V. Savin. Inostr. iaz. v shkole no. 5:76-82 S-O '56.
A school's foreign-language chorus. E. IA. Rozental'. Inostr. iaz. v shkole no. 5:94 S-O '56.
"Some methods of teaching foreign languages in school." V. I. Sirvint. Reviewed by V. IA. Plotkin. Inostr. iaz. v shkole no. 5:112-113 S-O '56.
Teaching oral language in the secondary school. E. N. Kanishcheva, N. V. Nikol'skaia. Inostr. iaz. v shkole no. 5:66-75 S-O '56.

LANGUAGE AND LANGUAGES—SYNTAX
The logical function of parts of the sentence. K. G. Krushel'nitskaia. Vop. iaz. 5 no. 5:55-67 S-O '56.

LANGUAGE AND LANGUAGES—TERMS AND PHRASES
Studies in phraseology; on the systematizing and methods of studying phraseological materials. B. A. Larin. Uch. zap. Len. un. no. 198:200-224 '56.

LANTERN PROJECTION
Automatic slide projector. V. F. Ivanov. Fiz. v shkole 16 no. 5:77-78 S-O '56.

LAOS—FOREIGN RELATIONS—CHINA
Development of friendly relations on a new basis. Wang En-Yuan. Nar. Kit. no. 18:25-27 S '56.

LAPPING see Grinding and polishing

LAPSHIN, NIKOLAI FEDOROVICH, 1890-1942
N. F. Lapshin. D. Goberman. Iskusstvo 19 no. 6:32 '56.

LARCENY
Criminal responsibility for petty larceny. V. K. Kirichenko, G. A. Mendel'son, IU. M. Tkachevskii. Sov. gos. i pravo no. 7:107-112 '56.
Soviet criminal legislation in the struggle against the theft of socialist property. S. I. Tikhenko. Nauk. zap. Kiev. un. 9 no. 4:25-40 '50.

LARCH see subdivision under Indigirka Valley

LARYNX—DISEASES
Amyloidosis of the larynx. IU. M. Ovchinnikov. Vest. oto-rin. 18 no. 5:134-135 S-O '56.
Fusospirillary ulceromembranous laryngitis. P. A. Vaganov. Vest. oto-rin. 18 no. 5:132 S-O '56.
Hemorrhagic laryngitis in cystic degeneration of the kidneys. G. D. Karmanova, M. M. Levashov. Vest. oto-rin. 18 no. 5:131-132 S-O '56.
Neurofibromatosis in otiatrics. P. G. Rudnik. Vest. oto-rin. 18 no. 5:113-114 S-O '56.
Use of intralaryngeal d'arsonvalization in scleroma. O. V. Popova. Vest. oto-rin. 18 no. 5:58-59 S-O '56.

LARYNX—TUMORS
Chondroma of the larynx. M. G. Baradulina. Vest. oto-rin. 18 no. 5:132-133 S-O '56.
Cyst of the larynx in a newborn. N. M. Kovrizhko. Vest. oto-rin. 18 no. 5:130-131 S-O '56.
Perithelioma of the larynx. M. G. Baradulina. Vest. oto-rin. 18 no. 5:136-137 S-O '56.

LARYNX—WOUNDS AND INJURIES
Possibility of damaging the cornua cartilaginis thyroideae and the hyoid bone in injuries of the neck. D. E. Dzhems-Levi. Vest. oto-rin. 18 no. 5:137-138 S-O '56.

LATEX
Reinforcement of rubber in latex [with English summary in insert]. B. A. Dogadkin and others. Koll. zhur. 18 no. 5:528-535 S-O '56.
Study of dispersion of synthetic latexes in relation to the nature and concentration of the emulsifier and the monomer. A. I. IUrzhenko, V. P. Custiakov. Dop. ta p. L'viv. un. no. 3, pt. 2:30-37 '52.

LATHE WORK see Turning

LATHES
The 1722 semiautomatic profiling lathe. IA. P. Mezivetkii. Stan. i instr. 27 no. 9:1-5 S '56.

LATIN AMERICA—CONCERTS
Argentina-Uruguay-Chile-France. L. Kogan. Sov. muz. 20 no. 9:135-139 S '56.

LATIN AMERICA—TERRITORIAL WATERS
Territorial waters in the law of Latin American countries. V. G. Spirin. Sov. gos. i pravo no. 7:118-122 '56.

LATIN AMERICA—TRADE UNIONS
Trend to unity in Latin America. Marcel Bras. Vsem. prof. dvizh. no. 9:41-44 S '56.

LATIN LITERATURE—HISTORY AND CRITICISM
Doratani, N. F. [History of Roman literature] Istoriia Rimskoi literatury. [Moskva] Izd-vo Moskovskogo univ., 1954. 541 p. (NN)

LATTICE THEORY
De Haas-Van Alphen's effect for strongly coupled electrons in lattices. G. E. Zil'berman. Fiz. met. i metalloved. 3 no. 1:18-21 '56.
Interaction of spin waves with vibrations of lattices. Sh. M. Kogan. Fiz. met. i metalloved. 3 no. 1:180-182 '56.
Steady state of electrons in a non-periodic field. A. I. Rezanov. Fiz. met. i metalloved. 3 no. 1:11-14 '56.

LATVIA—AGRICULTURAL EXPERIMENT STATIONS
At the Peterlauki Experiment Station. J. A. Stikans, O. K. Upitis. Kukuruza 1 no. 5:44-46 Ag '56.

LATVIA—BOTANY, ECONOMIC
"Vegetation of the Latvian S. S. R.," "Trudy" of the Institute of Biology of the Academy of Sciences of the Latvian S. S. R., vol. 3, no. 1, 1955. Reviewed by E. P. Matveeva. Bot. zhur. 41 no. 9:1384-1386 S '56.

LATVIA—CHORAL SOCIETIES
Song is our friend. A. Rogov. Klub 6 no. 10:18 O '56

LATVIA—CORN (MAIZE)
Course of development of some corn varieties and hybrids in the Latvian S. S. R. H. A. Maurins. Agrobiologiia no. 5:16-21 S-O '56.

LATVIA—FERTILIZERS AND MANURES
Fertilizer storehouses in the Latvian S. S. R. A. I. Filatova. Ud. i ur. 1 no. 10:58-59 O '56.

LATVIA—FISHERIES
Importance of fishing harbors for the development of fishery in Latvia. R. J. Knaps. Ryb. khoz. 32 no. 9: 24-25 S '56.

LATVIA—NAMES, GEOGRAPHICAL
Toponymics and transcription of geographical names of the Latvian S. S. R. V. R. Purin. Izv. AN SSSR. Ser. geog. no. 5:108-117 S-O '56.

LATVIA—PHYSICAL EDUCATION AND TRAINING
Physical culture group at the Saulaine Agricultural College. A. A. Kuznetsov. Tsen. i prak. fiz. kul'. 19 no. 10: 775-780 '56.

LATVIA—RADIO
Introducing the use of radio apparatus on telephone lines. Vest. svinzi 16 no. 9:4 S '56.

LATVIA—RAILROADS—ELECTRIC EQUIPMENT
Electric power plant underneath a railroad car. E. A. IAkubaitis. Nauka i zhizn' 23 no. 10:56 O '56.

LATVIA—RETTING
Improved retting holes on collective farms. V. G. Sautenko. Len i konop. no. 6:34-37 Ag '56.

LATVIA—SALMON
Use of "kormalin" in raising young Baltic salmon. E. M. Malikova, Z. I. Pokrovskaia, N. I. Kotova. Ryb. khoz. 32 no. 10:58-59 O '56.

LATVIA—SOCIAL CONDITIONS
The face of a friend. Elena Vechtomova. Zvezda no. 11: 152-161 N '56.

LATVIA—UREDINEAE
Rust fungi of Latvia. J. Smarods. Bot. mat. Otd. spor. rast. 11 146-149 Ja '56.

LATVIAN SONGS see Songs, Latvian

LAUMONTITE see subdivision under Kazakhstan

LAW
(see also subdivision under Rumania; Sverdlovsk)
Brief news. M. A. Krutogolov. Sov. gos i pravo no. 7: 148-149 '56.
Principles for the construction of a legal system. L. I. Dembo. Sov. gos. i pravo no. 8:88-98 '56.
The Soviet legal system. V. S. Tadevosian. Sov. gos. i pravo no. 8:99-108 '56.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—HISTORY AND CRITICISM
Defense of doctoral dissertations. Sov. gos. i pravo no. 7:128 '56.

LAW—PERIODICALS
(see also subdivision under Czechoslovakia; Rumania)
A discussion on the work of "Sovetskoe gosudarstvo i pravo" at a conference of author and reader activists. Sov. gos. i pravo no. 7:124-126 '56.
"Osteuropa-Recht," May 1956 [in German]. Reviewed by A. Aleksandrov. Vest. Inst. po izuch. SSSR no. 3: 125-127 Jl-S '56.

LAW—PROCEDURE see Civil procedure

LAW—STUDY AND TEACHING
Improving legal education in the U. S. S. R. Sov. gos. i pravo no. 8:3-12 '56.

LAW, AGRICULTURAL see Agricultural laws and legislation

LAW, CRIMINAL see Criminal law

LAW, INTERNATIONAL see International law

LAW, LABOR see Labor laws and legislation

LAW, PATENT see Patent laws and legislation

LAW, RAILROAD see Railroad law

LAWN HOCKEY
Lawn hockey. N. Nikolaev. Smena 33 no. 19:22 O '56.

LEAD
Determining lead and its compounds in the active material of lead accumulators. N. A. Filipova, T. F. Dubrovskaia. Zav. lab. 22 no. 8:907-911 Ag '56.
Electrolyte diffusion and the polarographic method. Diffusion coefficients of lead and cadmium ions in aqueous solutions containing various amounts of KCl and $KNO_3$ and $Dc_{d^{2+}}$ in 0,1 M $H_2SO_4$. Verification of Shevchik's equation for maximum current of the oscillographic wave [with English summary in insert]. IA. P. Gokhshtein. Zhur. fiz. khim. 30 no. 7:1584-1590 Jl '56.
Investigating the effect of temperature on heat conductivity, electric conductivity and heat capacity of bismuth, lead and bismuth-lead alloy systems. V. E. Mikrlukov, N. A. Tiapunina. Fiz. met. i metalloved. 3 no. 1:31-41 '56.
Sorption of lead in various rocks and its probable function in ore formation. E. V. Rozhkova, O. V. Shcherbak. Vop. min. osad. obr. 3/4:132-143 '56.
Viscosity and static shearing stress of alkali alloys containing sodium antimonate or arsenate. Contribution to alkaline refining of lead. G. G. Urazov, V. S. Lobchikov, B. M. Lipshits. Zhur. neorg. khim. 1 no. 8:1857-1866 Ag '56.

LEAD-BISMUTH ALLOYS see Bismuth-lead alloys

LEAD ORES
New method of extracting small amounts of lead from rocks and minerals. G. I. Novikov, N. I. Chaikina. Inform. shor. VSEGEI no. 2:78-79 '55.

LEAD SALTS
Irreversible-reciprocal system of sodium and lead chlorides and iodides. I. I. Il'iasov, A. K. Bostandzhiian. Zhur. ob. khim. 26 no. 9:2393-2398 S '56.

LEAD SULFIDES
Mechanism of texture formation in layers condensated on a neutral backing. M. A. Rumsh, T. M. Zimkina. Izv. AN SSSR. Ser. fiz. 20 no. 7:827-829 Jl '56.

LEAD-TIN ALLOYS
Electroplating radiator tubes with lead-tin alloys. S. L. Voskoboinik. Vest. mash. 36 no. 10:59-60 O '56.

LEAD-TIN-ANTIMONY ALLOYS
"Preheating" of lead babbitt bearings. A. A. Filimonov. Nauch. trudy NPI 30:218-224 '55.

LEAF BEETLES see subdivision under Tajikistan

LEAF ROLLERS see subdivision under Tajikistan

LEARNING, PSYCHOLOGY OF
Some defects in the study of students' thought processes. L. N. Landa. Sov. pedag. 20 no. 11:18-30 N '56.

LEATHER—TESTING
Technological method of testing materials for footwear upppers. M. P. Kurpinnov. Leg. prom. 16 no. 9:26-28 S '56.

LEATHER, ARTIFICIAL—QUALITY CONTROL
Improving the quality of artificial leather (from "Revue générale du caoutchouc," no. 1 156, "Kunststoffe," no. 2 '56). I. U. Mishustin. Leg. prom. 16 no. 9:52-55 S '56.

LEATHER, ARTIFICIAL—TESTING
Rapid electrometric method of determining potassium chloride content in artificial leather. E. S. Khoroshaia and others. Leg. prom. 16 no. 9:30-32 S '56.

LEATHER INDUSTRY
(see also subdivision under Ryazan)
Finishing leather accessory articles with a polyvinyl chloride plastic edging. N. E. Bogopol'skii. Leg. prom. 16 no. 9:11-12 S '56.
Increasing the wear resistance of sole leather. A. I. Meteikin, V. G. Suchkov, K. M. Zurabian. Leg. prom. 16 no. 9:20-23 S '56.

LEATHER SUBSTITUTES
Utilization of wastes of single-ply shoe leather substitutes. M. G. Marakhovskii, N. I. Zakharov, G. D. Pekarskaia. Leg. prom. 16 no. 9:28-30 S '56.

LEAVES
Fall of the leaves. V. Korogodin. IUn. nat. no. 7:24-25 O '56.
Leaves as negatives. V. Mikhailov. IUn. nat. no. 7:31 O '56.

LEBEDEV, KONSTANTIN
A pattern with incrustations. Znamia 26 no. 11:202-204 N '56.

LEBEDEV, PETR IVANOVICH, 1885-1948
Importance of P. I. Lebedev's work for petrology. A. S. Ginzberg. Uch. zap. Ped. inst. Gerts. 117:149-159 '56.

LEBYAZH'YE (PAVLODAR PROVINCE)—SKELETON
The so-called Irtysh man. N. N. Panova, E. R. Rygdylon. Krat. soob. Inst. etn. no. 25:64-70 '56.

LECITHIN
Effect of lecithin on conditioned reflex activity in rats. M. A. Sergeeva. Vop. pit. 15 no. 5:65-66 S-O '56.

LECTURES AND LECTURING
Lecturing in a technical school. T. F. Maslennikova. Sred. spets. obr. no. 11:32-34 N '55.
Portable motion-picture equipment used for films accompanying lectures. A. Bukharov. Kinomekhanik no. 10:24-25 O '56.
Visual aids in lecturing. S. Zinov'ev. Klub 6 no. 10: 28 O '56.

LEG—SURGERY
Technic of cutting out flaps from the sartorius muscle [with summary in English, p. 1581]. V. I. Gvindzhiliia. Vest. khir. 77 no. 9:28-31 S '56.

LEGAL EDUCATION see Law—Study and teaching

LEGAL HISTORY see Law—History and criticism

LEGAL RESPONSIBILITY see Liability (Law)

LEGISLATIVE BODIES see subdivision under Rumania

LEGUMES
Tillering zone or head of perennial leguminous grasses, erroneously called the root neck. V. M. Rabinovich, S. V. Rabinovich. Agrobiologiia no. 5:125-133 S-O '56.

LEIPZIG—FURNITURE INDUSTRY
Manufacture of plywood and furniture panels at the Wiederitzsch Combine. D. M. Sterlin. Der. prom. 5 no. 10:27-29 O '56.

LEIPZIG—SPORTS
Festival of unity. Fizk. i sport 26 no. 10:26-27 '56.

LEMON
Indoor cultivation of lemons. K. Ivanova. Nauka i zhizn' 23 no. 11:64 N '56.
Raising lemons indoors. N. I. Dubrovitskaia, A. N. Krenke, B. IU. Murinson. Biul. Glav. bot. sada no. 24:19-30 '56.
Root systems of stocks of Chinese lemon plants. A. A. Ivanovskaia. Dokl. AN SSSR 109 no. 6:1205-1209 Ag '56.

LENA RIVER—PARASITES—FISHES
Parasites of fishes of the Lena River. F. N. Kirillov. Priroda 45 no. 11:112 N '56.

LENA RIVER—STEAM NAVIGATION
The Lena River steam navigation is one hundred years old. G. N. Kurchatov, G. I. Granin. Rech. transp. 15 no. 8:1-3 Ag '56.

LENIN, VLADIMIR IL'ICH, 1870-1924
Encounters with V. I. Lenin. V. A. Radus-Zen'kovich. Sov. otch. no. 5:104-106 S-O '56.
Great beginning. G. I. Petrovskii. Klub 6 no. 10: 1-3 O '56.
Il'ich's youth ("Lenin in the Volga Region," B. Volin. Reviewed by N. Balabanova). Vozhatyi 32 no. 10:24-25 O '56.
Immortal legacy. Grigorii Vartanov. Sov. Ukr. 6 no. 9:167-172 S '56.
In an apartment on Serdobol'skaya street. Margarita Vasil'evna Fofanova. Ogonek 34 no. 44:5-7 O '56.
In Petersburg. N. Aleksandrov. Neva no. 9:143-152 S '56.
In Petersburg. N. Aleksandrov. Neva no. 10:141-146 O '56.
Lenin's program for building socialism in the U. S. S. R. [in Azerbaijani with summary in Russian]. Kh. O. Alimirzoev. Uch. zap. AGU no. 11:75-90 '55.
Lenin's theory on matter and modern natural science. F. Dolgikh. 13 no. 10:26-32 O '56.
Mat'ias, O. A. [The beginning of V. I. Lenin's revolutionary activity. The St. Petersburg "Union of the struggle for the liberation of the working class"] Nachalo revoliutsionnoi deiatel'nosti V. I. Lenina. Peterburgskii "Soiuz bor'by za osvobozhdenie rabochego klassa"; lektsiia. [Moskva] Izd-vo Moskovskogo univ., 1956. 57 p.
"Recollections about Vladimir Il'ich Lenin." Reviewed by IA. Gorelik. Sov. profsoiuzy 4 no. 10:92-95 O '56.
Simple as the truth itself; reminiscences. Sof'ia Shul'ga. Rabotnitsa 34 no. 11:2-3 N '56.
Unforgettable image of the great Lenin ("Recollections about V. I. Lenin," part I. Reviewed by V. Zevin). Mosk. prop. 13 no. 10:72-79 O '56.
V. I. Lenin on the nationalities question and colonialism. S. Imashev. Komm. Kazakh. 26 no. 11:12-18 N '56.
V. I. Lenin on the populism of the 1870's. N. M. Pirumova. Prep. ist. v shkole 11 no. 5:33-41 S-O '56.

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN PRIZES
Lenin prizes. Vest. vys. shkoly 14 no. 10:1-2 O '56.

LENINABAD—BOTANY
Floristic survey in the vicinity of Leninabad and the Mogol-Tau Range. B. M. Komarov. Trudy AN Tadzh. SSR 36:63-72 '55.

LENINABAD—BOTANY, ECONOMIC
Economic utilization of wild plants in the vicinity of Leninabad and Mogol-Tau Range. B. M. Komarov. Trudy AN Tadzh. SSR 36:73-82 '55.

LENINABAD PROVINCE—AGRICULTURE
Closing speech of T. U. Ul'dzhabaev, secretary of the Leninabad Province Committee of the Communist Party of Tajikistan. Trudy AN Tadzh. SSR 36:181-183 '55.

LENINABAD PROVINCE—COTTON GROWING
Methods for increasing cotton yield in Leninabad Province. V. F. Petrov. Trudy AN Tadzh. SSR 36: 9-16 '55.
Regional adaptation of cotton varieties in Leninabad Province. M. T. Oratovskii. Trudy AN Tadzh. SSR 36:31-34 '55.

LENINABAD PROVINCE—FRUIT CULTURE
Possibilities of developing subtropical fruitgrowing in Leninabad Province. N. V. Smol'skii. Trudy AN Tadzh. SSR 36:109-118 '55.

LENINABAD PROVINCE—SOIL SURVEYS

Land resources of Leninabad Province. O. A. Grabovskaia, V. IA. Kuteminskii. Trudy AN Tadzh. SSR 36: 43-53 '55.

LENINABAD PROVINCE—SOILS

Problems of the radical improvement of soils in the irrigated region of Leninabad Province. P. A. Kerzum. Trudy AN Tadzh. SSR 36:55-61 '55.

LENINABAD PROVINCE—STOCK AND STOCKBREEDING

Problems of increasing stockbreeding productivity in Leninabad Province and tasks facing science. N. I. Soldatenkov. Trudy AN Tadzh. SSR 36:133-145 '55.

LENINGRAD—AGRICULTURAL LIBRARIES

Using printed cards. A. E. Rabin. Sov. bibl. no. 43: 54-63 '56.

LENINGRAD—AUTHORS, GREEK

Greek guests of "Neva." Neva no. 10:206 O '56.

LENINGRAD—BALLET

Ballet in the Malegot. A. Ikonnikov. Sov. muz. 20 no. 10:106-111 O '56.

LENINGRAD—BIBLIOGRAPHICAL EXHIBITIONS

Exhibition of French books and graphic art in Leningrad. N. Popova. Neva no. 9:170-171 S '56.

LENINGRAD—CHESS—TOURNAMENTS

In honor of the Spartakiads. G. Fedorov. Shakh. v SSSR 33 no. 10:311 O '56.

LENINGRAD—CIGARETTE INDUSTRY—EQUIPMENT AND SUPPLIES

Work routine of leading operators of Elinson cigarette tube making machines. G. N. Kiselev. Tabak 17 no. 3:36-39 '56.

LENINGRAD—COMMUNITY CENTERS

Remembering the past. N. Grechin. Klub 6 no. 10:9 O '56.

LENINGRAD—CONCERTS

Leningrad. Sov. muz. 20 no. 8:116-117 S '56.

Leningrad. Sov. muz. 20 no. 10:129 O '56.

LENINGRAD—DEPARTMENT STORES

Kotlenko, I. I. [Work practices of the "Dom Leningradskoi Torgovli" (GLT) department store] Iz opyta univermaga "Dom leningradskoi torgovli." DLT. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 93 p.

LENINGRAD—DESCRIPTION—GUIDEBOOKS

Ukazatel' k kratkomu putevoditeliu po gorodu Leningradu. Explanatory index to a short guide to Leningrad. [Leningrad] Lenizdat, 1956. 34 p. [Parallel texts in Russian and English.]

LENINGRAD—DIELECTRICS

Conference on dielectric and semiconductor technology. V. Roginskii. Radio no. 10:53 O '56.

LENINGRAD—FURNITURE INDUSTRY

Speed up specialization and cooperation in Leningrad furniture factories. B. S. Petrov. Der. prom. 5 no. 10:23-24 O '56.

LENINGRAD—GEOGRAPHY—STUDY AND TEACHING

The Geography Department of the Leningrad State Pedagogical Institute. L. P. Shubaev. Uch. zap. Ped. inst. Gerts. 116:3-30 '56.

LENINGRAD—GIRAFFES

Rare animals. V. Aleksandrov. Ogonek 34 no. 42:31 O '56.

LENINGRAD—INDUSTRIES

Popularizing progressive work methods. L. Ganichev. Sots. trud. no. 4:83-86 Ap '56.

LENINGRAD—JUVENILE DELINQUENCY

People without steady employment. L. Vidgop, IA. Sukhotin. Smena 33 no. 16:23 O '56.

LENINGRAD—LOCAL GOVERNMENT

Leningrad. Ordinances, etc. [A collection of resolutions and ordinances of the Executive Committee of the Leningrad Council of Workers' Deputies] Sbornik reshenii i rasporiazhenii ispolnitel'nogo komiteta Leningradskogo gorodskogo Soveta deputatov trudiashchikhsia. [Leningrad] Lenizdat, 1956. 606 p. (DS)

LENINGRAD—MANUSCRIPTS

Brief report on new accessions in the Manuscripts Division during 1952. A. N. Mikhaleva. Sbor. [Len.] publ. bibl. no. 2:171-186 '54.

Brief report on new accessions in the Manuscript Division during 1933-1954. Sbor. [Len.] pub. bibl. 3:187-199 '55.

LENINGRAD—MAPS

A survey of manuscript plans of Petersburg from the 18th century and the beginning of the 19th century. L. M. Borodkin. Sbor. [Len.] publ. bibl. no. 2:235-268 '54.

LENINGRAD—MATHEMATICS

Session of the Leningrad Municipal Mathematical Seminar. Usp. mat. nauk 11 no. 4:201-205 Jl-Ag '56.

LENINGRAD—MEDICINE—SOCIETIES

Minutes of sessions of the Leningrad Botkin Society of Therapeutists. Terap. arkh. 28 no. 6:93-96 '56.

LENINGRAD—MONUMENTS

Monument of Peter the Great. E. P. Fedoseeva. Sbor. [Len.] publ. bibl. no. 2:163-168 '54.

LENINGRAD—MOTORCYCLE RACING

Radio operators at the international motorcycle races in Leningrad. A. Likhodievskii. Radio no. 10:14 O '56.

LENINGRAD—OPERA

Soviet opera on the "Malegot" stage. K. Sakva. Sov. muz. 20 no. 9:84-88 S '56.

LENINGRAD—OPERA, ITALIAN

"Don Carlos" and "Gioconda." L. Lebedinskii. Sov. muz. 20 no. 9:89-94 S '56.

LENINGRAD—RAILROADS—STATIONS

On Lenin Square. P. Ashastin. Neva no. 10:203-204 O '56.

LENINGRAD—REVOLUTION, 1917-1921

In October days. P. Mal'kov. Znamia 26 no. 11:132-146 N '56.

"The role of the Petrograd Military Revolutionary Committee in the October Socialist Revolution." I. Dykov. Reviewed by I. P. Flerovskii, S. I. Shul'ga. Vop. ist. no. 8:154-157 S '56.

LENINGRAD—SCIENTIFIC SOCIETIES

In the Leningrad Branch of the Popov Scientific and Technical Society. Elektrichestvo no. 10:93 O '56.

LENINGRAD—SEMICONDUCTORS

Conference on dielectric and semiconductor technology. V. Roginskii. Radio no. 10:53 O '56.

LENINGRAD—STEEL INDUSTRY

Made in Russia. A. A. Druzhkov. Neva no. 10:147-150 O '56.

LENINGRAD—TAPESTRY—EXHIBITIONS

Leningrad, Ermitazh. [West European tapestry from the 14th to the 18th century] Zapadnoevropeiskie shpalery XIV-XVIII vv. Moskva, Gos. izd-vo "Iskusstvo," 1956. 35 p., illus. (Putevoditeli po vystavkam)

LENINGRAD—TELEVISION—CONGRESSES

Congress of television set builders. M. Sergeev. Radio no. 9:6 S '56.

LENINGRAD—THEOLOGICAL SEMINARS

At the Leningrad Theological Academy and Seminary. Zhur. Mosk. Patr. no. 8:11-12 Ag '56.

LENINGRAD—TOBACCO INDUSTRY—EQUIPMENT AND SUPPLIES

Introduction of new equipment is raising the factory's production indexes. A. V. Kontorovich. Tabak 17 no. 3:40-41 '56.

Ways of lowering the cost of production. N. I. Karakhozov, A. M. Kirsanov. Tabak 17 no. 3:41-44 '56.

LENINGRAD PROVINCE—COMMUNITY LIFE

Retired workers perform community services. G. TSvirko. Blok. agit. no. 33:20-24 N '56.

LENINGRAD PROVINCE—DELIVERY OF GOODS

Centralized delivery of goods in Leningrad Province. S. Zorin. Sov. torg. no. 9:25-28 S '56.

LENINGRAD PROVINCE—FOG

Forecasting the development of advection fogs in Leningrad Province. E. P. Dranevich. Meteor. i gidrol. no. 8:26-28 Ag '56.

LENINGRAD PROVINCE—POULTRY

For extensive exchange of work practices. K. A. Slichevskii. Ptitsevodstvo 6 no. 10:32-35 O '56.

LENKORAN DISTRICT—HEPATICAE

Fossombronia angulosa (Dicks.) Raddi found for the first time in the U. S. S. R. K. I. Ladyzhenskaia. Bot. mat. Otd. spor. rast. 11 167-176 Ja '56.

LENS, CRYSTALLINE see Crystalline lens

LENSES—MEASUREMENT

Contactless interference technique for checking spherical lens surfaces. IU. V. Kolomiitsov, I. I. Dukhopel. Opt. i spektr. 1 no. 1:94-101 My '56.

LEONTICE EWERSMANNII

Study of alkaloids from Leontice Ewersmannii Bge. Part 4. Structure of the alkaloid taspine. T. F. Platonova, A. D. Kuzovkov, IU. N. Sheinker. Zhur. ob. khim. 26 no. 9:2651-2656 S '56.

LEPIDOPTERA see subdivision under Kutkashen District

LERICHE, RENE, 1879-1955

In memory of René Leriche. V. N. Shamov. Vest. kh 77 no. 9:155-157 S '56.

LETTER WRITING

Correspondence of young friends. L. I. Agadzhanova. Nach. shkola 24 no. 11:15-16 N '56.

LEUCOCYTES

Leucocyte serums and their use; conference at the A. N. Severtsov Institute of Animal Morphology. A. I. Abuladze. Vest. AN SSSR 26 no. 10:110-111 O '56.

Remarks on IU. I. Meinkard's article "Migration of leucocytes to the oral cavity during muscular activity." Teor. i prak. fiz. kul't. 19 no. 10:707-708 '56.

Toxic granulation of neurotrophils in the catatonic form of schizophrenia. O. M. Turkevych, O. T. Pysanets'. Fiziol. zhur. [Ukr.] 1 no. 5:63-67 S-O '55.

LEUKEMIA

Acute leukosis with localization of the hemopoietic foci in the mastoid process. R. R. Gatin. Vest. oto-rin. 18 no. 5:104-105 S-O '56.

LEVELING

Barometric leveling. A. S. Rubin. Geog. v shkole 19 no. 5:55-57 S-O '56.

Possibilities of using geodetic leveling in mountainous regions. L. P. Pellinen. Geod. i kart. no. 6:10-18 '56.

LEVITIN, IURII

"The fatherland"; an oratorio by IU. Levitin. E. Dobrynina. Sov. muz. 20 no. 10:10-23 O '56.

LEVITSKII, VIACHESLAV ALEKSANDROVICH, 1867-193

V. A. Levitskii, a prominent hygienist and organizer of sanitary affairs. A. A. Letavet, L. K. Khotsianov. Gig. i san. 21 no. 8:7-13 Ag '56.

LEVSHIN, VADIM LEONIDOVICH, 1896-

V. L. Levshin; on his 60th birthday. Opt. i spektr. 1 no. 3:441-442 Jl '56.

LEVYTS'KYI, IVAN, 1837-1918

An unknown work of Nechui-Levyts'kyi. Z. V. Kyryliuk. Visnyk AN URSR 27 no. 9:45-46 S '56.

LEXICOGRAPHY

Coordination of research in lexicography; conference at the Institute of Linguistics. Vest. AN SSSR 26 no. 10: 117-119 O '56.

LEYDEN—CHINESE STUDIES (SINOLOGY)—CONGRESSES

Conference of Sinologists in Holland. E. K. Kovalev. Krat. soob. Inst. vost. no. 16:87-88 '56.

LI, PO, 705?-762

How the poet Li Po escaped from school. Ting Li. Translated from the Chinese. Ogonek 34 no. 41:31 O '56.

LI-NIU

Li-Niu, an active cooperative farm woman. Vadym Sobko. Rad. zhin. 11 no. 10:10 O '56.

LIABILITY (LAW)

Guilt as a basis for liability. G. K. Matveev. Nauk. zap. Kiev. un. 9 no. 4:71-83 '50.

"Liability in Soviet civil law." O. S. Ioffe. Reviewed by R. O. Khalfina. Sov. gos. i pravo no. 7:134-138 '56.

The responsibility of officials. T. L. Sergeeva. Sov. gos. i pravo no. 8:109-114 '50.

LIABILITY, EMPLOYERS' see Employers' liability

LIBERTY OF THE PRESS see subdivision under Brazil

LIBRARIANS

Message from Czechoslovak librarians. Bibliotekar' no. 11:31 N '56.

Technical knowledge is an important objective for workers in public libraries. I. A. Mokhov. Sov. bibl. no. 43:3-9 '56.

LIBRARIES

(see also subdivision under Gotha; Moscow; Odessa; Taganrog; Yelets)

Foreign news items. Bibliotekar' no. 11:45-46 N '56.

Soviet Union news items. Bibliotekar' no. 11:44-45 N '56.

LIBRARIES—ACCESSIONS

(see also subdivision under Uzbekistan)

Active purchasers and promoters. M. Bondarev. Sov. knizh. torg. no. 10:16 O '56.

Aizenberg, T. D. [The literary book supply agency] Bibliotechnyi kollektor. Moskva, Iskusstvo, 1956. 82 p.

Basic factors in building library collections. T. Aizenberg. Bibliotekar' no. 11:14-19 N '56.

[New books; bulletin issued as an aid to acquisition for district, city, and village libraries]. Novye knigi; biulleten' v pomoshch' komplektovaniiu raionnykh, gorodskikh i sel'skikh bibliotek. Nov. 1955. no. 9 '55. 31 p.

[New books; bulletin issued as an aid to acquisition for district, city, and village libraries.] Novye knigi; biulleten' v pomoshch' komplektovaniiu raionnykh, gorodskikh i sel'skikh bibliotek. Dec. 1955. no. 10 '56. 36 p.

LIBRARIES—ARRANGEMENT OF BOOKS ON SHELVES see Classification—Books

LIBRARIES—CATALOGS see Catalogs, Library

LIBRARIES—ORDER DEPT.
Socialist competition produces new methods. S. Sedov. Sov. knizh. torg. no. 8:17-18 Ag '56.

LIBRARIES—REFERENCE DEPT.
How to organize reference work in the library. E. Korshunova. Klub 6 no. 10:29-30 O '56.

LIBRARIES, CHILDREN'S see subdivision under Moscow

LIBRARIES, PRIVATE
Private libraries. Mast. ugl. 5 no. 8:31 Ag '56.

LIBRARIES, REGIONAL
Province libraries' posters. V. Shabanova. Bibliotekar' no. 11:41-43 N '56.

LIBRARIES, RURAL
(see also subdivision under Omsk Province; Ostromechevo; Tamov Province)
Let the book help collective-farm production. N. Kudriashkin. Bibliotekar' no. 11:8-10 N '56.
Letters to the editor. Sov. pech. no. 10:54-56 O '56.
Serve the machinery operators better. Bibliotekar' no. 11:1-7 N '56.

LIBRARIES, SPECIAL
The use of a unified classification system in the academy libraries. G. A. Rushevskaia. Sov. bibl. no. 43: 18-26 '56.
Use the riches of the Academy libraries more extensively. G. Romashov. Bibliotekar' no. 10:33-35 O '56.

LIBRARIES, TRAVELING see subdivision under Korea, North

LIBRARIES, WORKINGMEN'S
(see also subdivision under Yakhroma)
Features in the work of the libraries of labor reserves. E. Rusanova. Bibliotekar' no. 10:40 O '56.

LIBRARIES AND READERS
(see also subdivision under Chkalov Province; Kalinin; Kizil-Yurt; Krasnye Baki District; Mechetinskaya; Nazarovo District; Pskov Province; Vetluga District)
Advice to the librarian on the promoting of technical literature. G. Multanovskaia. Bibliotekar' no. 10:28-32 O '56.
Books and people. N. Kochkonogova. Krest'ianka 35 no. 14:21-22 N '56.
Improve the promoting of sociopolitical literature. A. Khrenkova. Bibliotekar' no. 10:1-6 O '56.
"The library's promoting of books in natural science." V. V. Gnucheva. Reviewed by D. Teplov. Bibliotekar' no. 10:46 O '56.

LIBRARY SCHOOLS AND TRAINING see subdivision under Moscow

LIBRARY SCIENCE
Brief items of information. Sov. bibl. no. 43:87-91 '56.

LIBRARY SCIENCE—BIBLIOGRAPHY see Bibliography—Library science

LICHENS
(see also subdivision under Estonia; Soviet Far East)
Lichens of Russia [in Latin]; Decade VIII (1950). V. P. Savicz. Bot. mat. Otd. spor. rast. 11 1-4 Ja '56.

LIECHTENSTEIN—DESCRIPTION AND TRAVEL
Liechtenstein. A. Popov. Vokrug sveta no. 10:23-24 O '56.

LIEGE—ASTROPHYSICS—CONGRESSES
Colloquy on molecular astrophysics in Liège. V. G. Fesenkov. Vest. AN SSSR 26 no. 10:52-54 O '56.

LIFE—ORIGIN
At the sources of life. A. I. Oparin. IUn. nat. no. 3: 28-31 Je '56.
Emme, A.M. [Science and religion on the origin of life on earth] Nauka i religiia o proiskhozhdenii zhizni na zemle. Izd. 2-e, perer. Moskva, Gos. izd-vo polit. lit-ry, 1956. 110 p.

LIFE ZONES
Periodic law of geographic zonality. A. A. Grigor'ev, M. I. Budyko. Dokl. AN SSSR 110 no. 1:128-132 S-O '56.

LIFT (AERODYNAMICS)
Supersonic aerodynamics. 12. Lift force in supersonic aerodynamics. V. S. Pyshnov. Vest. Vozd. Fl. 39 no. 6:57-63 Je '56.

LIFTING AND CARRYING
Lift for transporting parcels. Vest. sviazi 16 no. 9: 26 S '56.

LIFTS see Elevators

LIGATURE (SURGERY)
Anatomical surgical principles of ligation of the gluteal arteries [with summary in English, p. 159]. M. A. Serebrov. Vest. khir. 77 no. 9:54-60 S '56.

LIGHT—SCATTERING
Investigating the molecular scattering of light in alcohol solutions. H. P. Roshchyna, M. M. Dadenkova, V. A. Tarapon. Ukr. fiz. zhur. 1 no. 2:183-192 Ap-Je '56.
Meeting on the spectroscopy of light scattering media. A. S. Toporets. Opt. i spektr. 1 no. 3:446-447 Jl '56.
Molecular light scattering and ⇄conversion of quartz. I. A. IAkovlev, L. F. Mikheeva, T. S. Velichkina. Kristallografiia 1 no. 1:123-131 '56.

LIGHT—SPEED
A new optical experiment on relativity. A. M. Bonch-Bruevich, V. A. Molchanov. Opt. i spektr. 1 no. 2: 113-124 Je '56.

LIGHT, ELECTRIC see Electric lighting

LIGHTHOUSES—LIGHTING
Automatic lighthouse. M. Mamedov. Neva no. 9:203 S '56.

LIGHTING
Computing multiple reflections in illumination engineering. L. M. Biberman. Svetotekhnika 2 no. 5:1-4 S '56.
Graphic conversion of chromaticity coordinates. A. K. Kustarev. Svetotekhnika 2 no. 5:4-9 S '56.
Illuminating device used in book restoration. IU. Niuksha. Bibliotekar' no. 10:41-41 O '56.

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTING—CONGRESSES see subdivision under France

LIGHTNING PROTECTION
[Lightning protection for buildings and installations] Grozozashchita zdanii i sooruzhenii. Pod red. D. V. Razeviga. Moskva, Gos. energ. izd-vo, 1956. 19 p. (Energetika za rubezhom)
Possibility of maintenance tests on vilite arresters at below-freezing temperatures. N. N. Mekhova, D. V. Shisman. Elek. sta. 27 no. 9:60-61 S '56.

LIGHTWEIGHT CONCRETE
"Gas ceramic", a new heat insulating and building material. R. Angenitskaia, V. Kresnikova. Stroi. mat., izdel. i konstr. 2 no. 9:20 S '56.
Precast large block linings made of lightweight concrete for railroad tunnels. R. D. Astvatsaturov. Transp. stroi. 6 no. 9:11-13 S '56.
Window frame made of lightweight concrete. N. Dazhkin, A. Liberman. Arkhit. i stroi. Mosk. 5 no. 10: 31-32 O '56.

LIGNIN
Burning lignin at the Arkhangelsk Hydrolysis Plant. M. V. Marder. Gidroliz. i lesokhim. prom. 9 no. 4: 24 '56.
Condensation of lignin with phenol. M. I. Chudakov. Zhur. prikl. khim. 29 no. 9:1416-1424 S '56.
Conference on the chemistry and technology of lignin. N. V. Riukhin. Bum. prom. 31 no. 9:31 S '56.
Effect of aqueous prehydrolysis of pine lignin on cellulose fibers obtained from it in the sulfate process. F. I. Korchemkin. Zhur. prikl. khim. 29 no. 9:1440-1442 S '56.

LIGNIN—ANALYSIS
Analyzing the composition of hydrolytic lignin. B. D. Bogomolov. Gidroliz. i lesokhim. prom. 9 no. 6:15-17 '56.

LIGNITE
Mechanically fired furnace for small lignite lumps. G. B. Froishteter, N. G. IAmpol'skii. Spirt. prom. 22 no. 3: 16-19 '56.
Ziobinskii, B.M. [Brown coal as fuel in metallurgy] Buryi ugol' kak metallurgicheskoe toplivo. Moskva, Ugletekhizdat, 1956. 37 p.

LIMA BEAN BREEDING see subdivision under Krasnodar Territory

LIMBS, ARTIFICIAL see Artificial limbs

LIME
(see also subdivision under Lithuania; Sysola District)
Simple method for determining the lime requirements of soils. V. M. Klychnikov. Ud. i ur. 1 no. 10: 33-41 O '56.
Sugar mill slime, a valuable calciferous fertilizer. I. G. Demidenko, M. D. Kovshun. Ud. i ur. 1 no. 9:39-41 S '56.

LIMEKILNS
Plant practices. P. A. Mustenko. Sakh. prom. 30 no. 7: 39-40 Jl '56.

LIMESTONE
(see also subdivision under Kirghizistan)
Experiments in burning limestone in the sintering plant. T. A. Kramnik, A. A. Sorokin. Stal' 16 no. 9:774-776 S '56.

LIMONITE
Using electrodialysis for studying limonites. A. A. Ivanov, Z. G. Sheina. Zap. Vses. min. ob-va 85 no. 3: 413-416 '56.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINGNER, MAX, 1868-
Book on an eminent contemporary German artist ("My life and work" [in German]. Max Linger. Reviewed by A. Sidorov). Iskusstvo 19 no. 6:77-78 '56.

LINGUISTICS see Language and languages

LINKBELTING
Theory of caterpillar drives; the guiding chain gear. K. M. Kolokolov. Nauch. trudy NPI 30:63-82 '55.

LINSEED see Flaxseed

LIPETSK—BATHS, MOOR AND MUD
Observations on the effectiveness of mud therapy for chronic infectious polyarthritis in children at the Lipetsk health resort. N. V. Neverova. Vop. okh. mat. i det. 1 no. 5:62-68 S-O '56.

LIPETSK—CHILDREN—HOSPITALS AND ASYLUMS
Work practice of the republic sanatorium for rheumatic children at the Lipetsk health resort. N. P. Severova. Vop. okh. mat. i det. 1 no. 5:74-77 S-O '56.

LIPETSK PROVINCE—INSURANCE, SOCIAL
A labor of love with forces unspared. I. Kovalev. Sots. obesp. 17 no. 10:17-19 O '56.

LIQUID AIR
Air rectification in stages. S. IA. Gersh. [Trudy] MVTU no. 17:5-36 '53.

LIQUID FUELS
Fineness of liquid fuel atomization in ordinary atomizers. A. S. Lyshevskii. Teploenergetika 3 no. 10:30-33 O '56.

LIQUID FUELS—HYGIENIC ASPECTS
Ways of decreasing morbidity in factories producing liquid fuel. Z. E. Grigor'ev. Gig. i san. 21 no. 10: 44-46 O '56.

LIQUID METALS
Effect of insoluble admixtures on the viscosity of molten metals in case of undercooling. G. I. Goriaga, E. G. Shvidkovskii. Vest. Mosk. un. 11 no. 6:33-37 Je '56.

LIQUIDS
A useful book ("Foam method for processing gases and liquids," M. E. Pozin and others. Reviewed by S. IA. Korotov). Gidroliz. i lesokhim. prom. 9 no. 5:31 '56.

LIQUIDS—COMPRESSIBILITY see Compressibility

LIQUIDS—DENSITY
Measuring the density of liquids subjected to high pressures. V. N. Razumikhin. Izm. tekh. no. 4:28-31 Jl-Ag '56.
Thermostatic metrological device for measuring the density of liquids and solids. P. A. Nalimov. Izm. tekh. no. 4:72-73 Jl-Ag '56.

LIQUIDS—DIFFUSION see Diffusion

LIQUORS
Discussion of problems relative to the quality of water for liquor and vodka production. Spirt. prom. 22 no. 3:36-40 '56.

LISHEV, VSEVOLOD VSEVOLODOVICH, 1877-
Memorials and their fate. V. Bolkov. Neva no. 10: 171-174 O '56.

LISZT, FRANZ, 1811-1886
Liszt's career as a pianist. Gr. Kogan. Sov. muz. 20 no. 9:66-75 S '56.

LITAVKIN FAMILY
A family of ballet dancers. IA. Lapin. Ogonek 34 no. 41:24 O '56.

LITERARY SOCIETIES see subdivision under Krasnyy Luch

LITERATURE
Foreword. Uch. zap. Ped. inst. Gerts. 121:2 '55.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM
How review are sometimes written. IU. Vipper, R. Samarin. Zvezda no. 11:171-177 N '56.
More about the modernization of the past. E. Klimenko and others. Zvezda no. 11:178 N '56.

LITERATURE—MISCELLANEA
Mournful notes. Zvezda no. 11:190-191 N '56.

LITERATURE—PSYCHOLOGY
Words and images. Ivan Astakhov. Al'm. Mol. gvard. 17:283-310 '56.

LITHIUM OXIDES
Effect of lithium oxide on physicochemical properties of aluminosilicate glass. S. K. Dubrovo, IU. A. Shmidt. Zhur. prikl. khim. 29 no. 4:557-560 Ap '56.

LITHUANIA—LIME
Liming acid soils in the Lithuanian S. S. R. M. M. Kacas. Ud. i ur. 1 no. 10:9-13 O '56.

LITHUANIA—POTATOES
Potatoes, our wealth. P. A. Levitskii. Kartofel' no. 4: 12-13 S-O '56.

LITTER (BEDDING)
Mechanized winning of peat for litter. I. Z. Galenchik. Ud. i ur. 1 no. 10:51-54 O '56.
Peat litter resources of the U. S. S. R. and their utilization. M. N. Nikonov, A. A. Grebenshchikova. Ud. i ur. 1 no. 9:3-8 S '56.
Winning peat for litter in Canada. M. G. Bulynko. Ud. i ur. 1 no. 9:61-62 S '56.

LITVINENKI, V. G.
V. G. Litvinenko. E. Zinger. Iskusstvo 19 no. 6:29-30 '56.

LIVE STOCK see Domestic animals; Stock and stockbreeding

LIVER
Deposition of carotene in the liver as affected by the use of Istisu mineral water. A. S. Gasanov, A. S. Abdullaev, S. F. Agakishibekova. Uch. zap. AGU no. 6:57-61 '55.
Effect of excision of the cerebral cortex on the biligenic function of the liver. A. V. Gubar, F. A. Oreshuk. Biul. eksp. biol. i med. 42 no. 9:11-14 S '56.
Hepatic changes following administration of methylthiouracil. T. M. Platnitskaia. Probl. endok. i gorm. 2 no. 4:96-100 Jl-Ag '56.
Materials on I. P. Pavlov's study of neural regulation of the antitoxic function of the liver at different age periods. I. A. Medianik. Dop. ta pov. L'viv. un. no. 4, pt. 2:36-38 '53.
Structure and functions of the liver in the chick embryo as related to its age. G. S. Krok. Sbor. trud. Khar'. vet. inst. 20:42-47 '49.

LIVER EXTRACT
Blastomogenic action of liver extracts from children, newborn infants, and fetuses [with summary in English]. F. M. Khaletskaia. Vop. onk. 2 no. 4:405-408 '56.

LIVER FLUKE
Controlling opisthorchosis in silver foxes. V. F. Martynov. Kar. i zver. 9 no. 5:44-45 S-O '56.

LIZARDS see subdivision under Georgia

LLANDUDNO, WALES—CONSERVATIVE PARTY—CONGRESSES
Conference in Llandudno. L. Sedin. Nov. vrem. 14 no. 44:17-19 O '56.

LOACHES
Development of the retina in Misgurnus fossilis. N. V. Eramisheva. Dokl. AN SSSR 109 no. 6:1219-1221 Ag '56.

LOAD LINE
The listing of a vessel. S. Dondua, A. Rakhovetskii. Mor. flot 16 no. 10:12-13 O '56.

LOADING AND UNLOADING
[illegible] and truck transport
[illegible] sorting crated freight.
[illegible]-94 '56.
[illegible]-mounted

Local anesthesia in gynecological and obstetric surgery in the district hospital. V. I. Goremykin. Akush. i gin. 32 no. 4:65-67 Jl-Ag '56.
Lumbar (girdle) epidural anesthesia in cattle. I. I. Magda. Sbor. trud. Khar'. vet. inst. 20:210-217 '49.
Parasacral anesthesia in dogs. I. A. Kalashnik. Sbor. trud. Khar'. vet. inst. 20:218-223 '49.
Treating dry calluses, warts and hyperkeratosis of the feet. B. M. Lytkin. Voen.-med. zhur. no. 7:84-85 Jl '56.
Vishnevskii, A.V. [Local anesthesia according to the method of circumferential infiltration] Mestnoe obezbolivanie po metodu polzuchego infil'trata. Izd. 5-oe, perer. i dop. A.A.Vishnevskim. Moskva, Medgiz. 1956. 350 p.
(DAFM)

LOCAL FINANCE
Matveev, V.I. [Budgetary rights of the district soviets of workers deputies] Biudzhetnye prava raionnykh Sovetov deputatov trudiashchikhsia. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 73 p.

LOCAL GOVERNMENT
(see also subdivision under Leningrad; Novo-Varshavka)
The district governmental apparatus needs to be simplified. K. Kashkimbaev, I. Izmagambetov. Komm. Kazakh. 26 no. 11:43-45 N '56.
Make the statute on local soviets conform with life's demand. V. K. Meliakin. Sov. gos. i pravo no. 8:125-127 '56.
Simplify the district apparatus; a review of letters. Part. zhizn' no. 18:17 S '56.

LOCATION OF INDUSTRIES see Industries, Location of

LOCOMOTIVE BOILERS
Introduce warm-water flushing for narrow-gauge locomotives. I. V. Utkin. Les. prom. 34 no. 10:8-9 O '56.

LOCOMOTIVES
(see also subdivision under Sweden)
Applying the principles of hydraulics to the theory of traction. M. A. Mostkov. Trudy TsNIZHT no. 22:211-264 '56.
Calculating basic resistances of freight locomotives. V. O. Ketler. Sbor. LIIZHT no. 150:5-9 '56.
Every minute calculated. Kh. Bosenko. Sov. profsoiuzy 4 no. 10:25-26 O '56.
Our factory in the sixth five-year plan. P. Soroka. Sov. profsoiuzy 4 no. 10:13-15 O '56.
Success is achieved in socialist competition. A. Liutikov. Sov. profsoiuzy 4 no. 10:15-22 O '56.

LOCOMOTIVES—CONSTRUCTION
Machine accounting for the stocking of materials at an industrial enterprise. A. Khazanov. Bukhg. uchet 15 no. 9:30-34 S '56.

LOESS
One form of loess and matrix contacts [with French summary in insert]. B. V. Piaskovskii. Pochvovedenie no. 7:40-48 Jl '56.
Role of the loess cover in the mineralization of thermal waters at the Dzhalal-Abad health resort. V. Kadyrov, S. A. Durov. Trudy Inst. vod. khiz. i energ. AN Kir. SSR no. 2:51-54 '55.
V. V. Dokuchaev and the problem of loess. M. P. Lysenko. Pochvovedenie no. 7:59-67 Jl '56.

LOEWINSON-LESSING, FRANZ IUL'EVICH, 1861-1939
F. IU. Loewinson-Lessing's ideas on secular oscillations of the earth's crust in the light of present-day views. B. L. Lichkov. Och. po ist. geol. znan. no. 5:248-259 '56

LONGEVITY
"Secret" of longevity. N. Khaikinson. Rabotnitsa 34 no. 10:29 O '56.
Who lives the longest? G. Polikarpov. IUn. nat. no. 3:27-29 Je '56.

LONGICORN BEETLES see subdivision under Stalinabad

LONGSHOREMEN see subdivision under Shanghai

LOO—CAMPING
At a Pioneer camp. T. Mil'kevich. IUn. nat. no. 3:13-15 Je '56.

LOOMS see subdivision under Italy

LOTTERIES
The next drawing. Sov. mor. 16 no. 9:9 My '56.

LOUD-SPEAKERS
(see also subdivision under Austria; Germany)
Electrodynamic loudspeaker. A. Dol'nik. Radio no. 10: 47-48 O '56.
Electrostatic loudspeaker. Radio no. 10:40 O '56.
Multichannel sound reproduction. V. Korol'. Radio no. 10:42-43 O '56.

LOVE
Life is more complicated than ready-made schemes. Z. Gerasimova. Smena 33 no. 17:10-12 S '56.

LOW TEMPERATURE METALS see Metals at low temperatures

LOW TEMPERATURE RESEARCH
Coefficient of volume absorption of the second sound and viscosity of the normal component of helium II to 0,83° K. K. N. Zinov'eva. Zhur. eksp. i teor. fiz. 31 no. 1:31-36 Jl '56.
Conference on low temperature physics. IE. S. Borovyk, V. L. Broude. Ukr. fiz. zhur. 1 no. 1:106-108 '56.
Experimental determination of the thermal conductivity of liquid oxygen. N. V. TSederberg, D. L. Timrot. Zhur. tekh. fiz. 26 no. 8:1849-1856 Ag '56.
Magnetic properties of magnetite at low temperatures. N. S. Korolevskaia, A. S. Mil'ner. Fiz. met. i metallovod. 3 no. 1:186-188 '56.
Studying low temperature physics; second all-Union conference in Leningrad. R. A. Chentsov. Vest. AN SSSR 26 no. 10:99-102 O '56.
Temperature dependence of the viscosity of liquid nitrogen at constant density. N. F. Zhdanova. Zhur. eksp. i teor. fiz. 31 no. 1:14-17 Jl '56.
Theory of kinetic phenomena in helium II. I. M. Khalatnikov. Usp. fiz. nauk. 59 no. 4:673-753 Ag '56.

LU, HSÜN see Chou, Shu-Jên, 1881-1936

LUBRICATION AND LUBRICANTS
Investigating frictional forces between steel roller contacts at high-speed sliding and high temperatures. N. F. Kuz'min. Nauch. trudy NPI 30:123-130 '55.
Obtaining a wide variety of lubricating oils from eastern sulfurous petroleums. P. I. Korotkov. Neftianik 1 no. 9:3-5 S '56.
Pressure-contact ratio parameters for lubricant viscosity. N. F. Kuz'min. Nauch. trudy NPI 30:109-114 '56.

LUGGAGE
Conveyer handling in the production of plywood suitcases. N. V. Anashkin. Der. prom. 6 no. 10:19-20 O '56.

LUKA-VRUBLEVETSKAYA—ANTIQUITIES
Tripol'ye settlements in the environs of Luka-Vrublevetskaya. S. N. Bibikov. Krat. soob. Inst. arkheol. AN URSR no. 6:13-17 '56.

LUMBERING
(see also subdivision under Sweden; Transcaucasia)

Amount of slash in felling and skidding untopped trees. B. I. Bobylev. Les. prom. 34 no. 10:13-14 O '56.

Concentrate all efforts on fulfilling the year's plan for logging camps ahead of time. I. E. Voronov. Les. prom. 34 no. 10:1-2 O '56.

Enlarged logging chances. G. Zotov. Les. prom. 34 no. 10:9-10 O '56.

Popov, B. V. [Protecting the health of workers in the lumber industry] Okhrana zdorovi'ia rabochikh lesozagotovitel'noi promyshlennosti. Moskva, Medgiz, 1955. 70 p. (DA)

Prepare for winter lumbering in good time. A. Rakhmanin. Sel'. stroi. 11 no. 9:7-8 S '56.

Skidding untopped trees and clearing felled areas. A. V. Gordeev. Les. prom. 34 no. 10:12-13 O '56.

Tikhonov, A. F., and others. [Progressive lumbering methods] Peredovye metody truda na lesozagotovkakh. Pod obshchei red. A. F. Tikhonova. Minsk, Gos. izd-vo BSSR, 1956. 111 p.

LUMBERING—ACCOUNTING

Business accounting in the Gorodishche Logging Camp. F. M. Betekhtin. Les. prom. 34 no. 10:3-5 O '56.

LUMBERING—MACHINERY

Ashkenazi, K. M., and B. G. Zalogallor. [Lumbering machinery and equipment] Mashiny i oborudovanie lesorazrabotok. Moskva, Goslesbumizdat, 1956. 442 p.

LUMBERING—SAFETY MEASURES

Nikitin, L. I. [Fundamentals of safety engineering in the wood industry] Osnovy tekhniki bezopasnosti v lesnoi promyshlennosti i lesnom khoziaistve. Moskva, Goslesbumizdat, 1956. 320 p.

LUMBERMEN—RECREATION

Film showings for lumbermen. Kinomekhanik no. 10:11 O '56.

LUMINESCENCE
(see also subdivision under Okhotsk, Sea of)

Application of the luminescence microscope and of radioactive isotopes in determining the extent of bitumen surface coating [with English summary in insert]. A. S. Kolbanovskaia. Koll. zhur. 18 no. 5: 547-554 S-O '56.

Catalytic properties of zinc oxide and zinc sulfide, as related to the luminescence of these compounds. L. N. Shekhter, I. A. Miasnikov, Z. IA. Pshezhetskii. Dokl. AN SSSR 109 no. 6:1163-1166 Ag '56.

Characteristics of elementary oscillators and polarization of photoluminescence in cubic crystals. P. P. Feofilov. Opt. i spektr. 1 no. 2:131-142 Je '56.

Characteristics of the luminescence losses of ZnS-Cu-Co phosphors in the range of luminescent yields independent of optical excitation intensity. V. V. Antonov-Romanovskii, L. A. Vinokurov. Opt. i spektr. 1 no. 1:66-70 My '56.

Comparison of theoretical and experimental data on the luminescence of solids. M. A. Krivoglaz. Opt. i spektr. 1 no. 1:54-65 My '56.

Correlation between the luminescence yield and the wave length of the excitation light of ZnS-Cu phosphors. M. N. Alentsev. Opt. i spektr. 1 no. 2:240-247 Je '56.

Determining the effective cross section of the capture and recombination of thermal electrons in the ZnS-Cu, Co phosphor. Sui Siui-lun. Opt. i spektr. 1 no. 2: 264-270 Je '56.

Effect of nonactivating $Ca^{++}$ and $Sr^{++}$ ions on the thermal luminescence of NaCl-Ag phosphors previously subjected to X rays. M. L. Kats. Opt. i spektr. 1 no. 2: 198-203 Je '56.

Effect of the glimmering action of the exciting light on the photoluminescence yield of crystal phosphors. L. I. Anikina. Trudy Fiz. inst. 7:3-40 '56.

Effect of the interaction of activators on the luminescent properties of CaS-Bi, Mn phosphors. V. F. Tunitskaia. Trudy Fiz. inst. 7:107-158 '56.

Excitation energy transfer in anthracene crystals having naphthacene admixtures. M. D. Galanin, Z. A. Chizhikova. Opt. i spektr. 1 no. 2:175-180 Je '56.

Infractions of excitation energy transfer of naphthacene in anthracene solid solutions. A. N. Faidysh, I. IA. Kucherov, A. A. Terskii. Opt. i spektr. 1 no. 3:403-406 Jl '56.

Infrared light quenching of ZnS-Cu, Co and ZnS-Cu, Ni phosphors. L. A. Vinokurov, M. V. Fok. Opt. i spektr. 1 no. 2:249-254 Je '56.

Kinetics of the luminescence of ZnS-Cu-Co phosphors in the range of luminescent yields independent of optical excitation intensity. V. V. Antonov-Romanovskii, L. A. Vinokurov. Opt. i spektr. 1 no. 1:71-76 My '56.

Luminescence mechanism of alkali halide crystal phosphors. L. M. Shamovskii. Opt. i spektr. 1 no. 3: 407-415 Jl '56.

Luminescence of color centers in CaJ-Tl crystals. Z. L. Morgenshtern, I. P. Shchukin. Opt. i spektr. 1 no. 2:190-197 Je '56.

Negative luminescence and negative photoelectric effect. B. I. Stepanov. Opt. i spektr. 1 no. 2:125-130 Je '56.

On the recombination mechanism of the luminescence of crystal phosphors. E. S. Rzhanova. Trudy Fiz. inst. 7:47-105 '56.

On the two recombination mechanisms of the luminescence of $Sm^{++}$ ions in the ZnS-Sm, Cu(NaCl) phosphor. V. V. Antonov-Romanovskii, Z. A. Trapeznikova. Opt. i spektr. 1 no. 2:204-215 Je '56.

Origin of the localization levels in ZnS-Cu, Co phosphors. V. L. Levshin, V. F. Tunitskaia, A. A. Cherepnev. Opt. i spektr. 1 no. 2:255-263 Je '56.

Photodissociation of nitrogen. I. I. Gromova. Opt. i spektr. 1 no. 3:433-434 Jl '56.

Scientific session devoted to the memory of S. I. Vavilov. Opt. i spektr. 1 no. 2:275-276 Je '56.

Sensitization of photoluminescence by means of solvents. T. P. Belikova, M. D. Galanin. Opt. i spektr. 1 no. 2: 168-174 Je '56.

Sorting aluminum alloys according to their luminescence in electrolytes. V. A. Krasnokutskii. Zav. lab. 22 no. 8:960 Ag '56.

LUMINESCENCE—MEASUREMENT

Investigating flash burning in the luminescence of ZnS-Mn phosphors. N. A. Tolstoi and others. Opt. i spektr. 1 no. 5:719-720 S '56.

LUMINESCENCE—SPECTRA

Spectral dependence of luminescence yields. V. V. Zelinskii, V. P. Kolobkov, L. G. Pikulik. Opt. i spektr. 1 no. 2:161-167 Je '56.

LUMINESCENT SUBSTANCES

Luminescence of aromatic aldehydes and ketones. V. L. Ermolaev. Opt. i spektr. 1 no. 4:523-535 Ag '56.

Luminescent molecules. Tekh. mol. 24 no. 10:9 O '56.

Measuring the chromaticity and brightness of luminophor radiation by means of a photoelectric colorimeter. E. P. Sidel'kovskii. Svetotekhnika 2 no. 5:21-22 S '56.

Zinc oxide in zinc sulfide luminophors. A. A. Cherepnev. Opt. i spektr. 1 no. 2:272-274 Je '56.

LUMINESCENT SUBSTANCES—SPECTRA

Investigation of the phosphorescence spectra of organic luminophors subjected to anti-Stokes excitation. P. I. Kudriashov, B. IA. Sveshnikov. Opt. i spektr. 1 no. 4: 554-559 Ag '56.

LUNCHROOMS see Restaurants, lunchrooms, etc.

LUNGS—CANCER

Differential diagnosis of "cascoma" and of peripheral cancer of the lung. L. K. Bogush, V. P. Shadrin. Khirurgiia. 32 no. 7:24-29 Jl '56.

One variant in the clinical and roentgenological classification of pulmonary cancer. IU. N. Sokolov. Sov. med. 20 no. 9:45-50 S '56.

LUNGS—DISEASES

Cases of diffuse calcification of the lungs. IA. I. Kaminskii. Probl. tub. 34 no. 4:62-63 Jl-Ag '56.

Esipova, I. K. [Problems in the pathology of chronic nonspecific inflammations of the lungs] Voprosy patologii khronicheskikh nespetsificheskikh vospalenii legkikh. Moskva, Medgiz, 1956. 212 p. illus. (DAFM)

Polykovskii, M. D., and V. A. Alikaev. [Lung diseases in sheep] Legochnye zabolevaniia ovets. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 71 p (DA)

LUNGS—DUST DISEASES

Akademiia meditsinskikh nauk SSSR, Moscow. [Silicosis; transactions of an enlarged session of the Presidium of the Academy of Medical Sciences of the U. S. S. R., Tomsk and Kiev] Silikoz; trudy rasshirennogo zasedaniia prezidiuma AMN SSSR, Tomsk i Kiev. Otv. red. A. A. Letavet. Moskva, Medgiz, 1956. 94 p. (DAFM)

Baron, L. [Prevention of silicosis; organization and methods] Profilaktika silikoza; organizatsionno-metodicheskie materialy. Pod obshchei red. A. A. Skochinskogo. Moskva, Medgiz, 1956. 251 p. (Biblioteka sanitarnogo vracha i epidemiologa) (DAFM)

Changes in the lungs of experimental animals following intratracheal introduction of dust from mineral wool. V. A. Grimailovskaia, V. V. Paustovskaia, A. Kh. Shapovalova. Gig. i san. 21 no. 8:24-29 Ag '56.

The dust factor and its significance in founding. A. S. Plakkhin. Gig. i san. 21 no. 8:45-49 Ag '56.

"How to avoid contracting silicosis" by E. I. Vorontsova, A. P. Shatilov. Reviewed by E. V. Khukhrina. Gig. i san. 21 no. 8:60-61 Ag '56.

Pathogenesis of pneumoconioses. M. A. Kovnatskii. Gig. i san. 21 no. 8:13-18 Ag '56.

Pneumoconioses in welders. E. P. Krapukhina. Gig. i san. 21 no. 8:29-34 Ag '56.

"Prevention of silicosis and anthracosis in mining" by L. I. Baron. Reviewed by A. Bykhovskii, I. Sokolovskii. Gig. i san. 21 no. 8:59-60 Ag '56.

"Problems of silicosis." Trudy of the Leningrad Institute of Sanitary Medicine. Reviewed by P. P. Dyzhkov. Gig. i san. 21 no. 8:58-59 Ag '56.

Results and problems in the control of pneumoconioses. Gig. i san. 21 no. 8:3-7 Ag '56.

Some questions on the control of silicosis and anthracosis in coal mines. L. I. Baron. Gig. i san. 21 no. 8:50-52 Ag '56.

LUNGS—HYDATIDS

Deineka, I. IA. [Echinococcosis of the lungs] Ekhinokokk legkikh. Kiev, Gos. med. izd-vo USSR, 1955. 278 p. (DAFM)

"Echinococcus of the lungs" by I. IA. Deineka. Reviewed by F. G. Uglov. Vest. khir. 77 no. 9:144-145 S '56.

LUNGS—SURGERY

"Cavernostomy in pulmonary tuberculosis." L. K. Bogush. Reviewed by A. M. Fainshtein. Sov. med. 20 no. 9:95-96 S '56.

Closure of bronchial fistulae and of the cavity remaining after cavernotomy. M. N. Podol'skii. Probl. tub. 34 no. 3:66-67 My-Je '56.

Further prospects in the development of surgery in pulmonary tuberculosis. L. K. Bogush. Sov. med. 20 no. 9:56-62 S '56.

Immediate results of cavernectomy in pulmonary tuberculosis. A. A. Shalimov. Probl. tub. 34 no. 3:30-33 My-Je '56.

Intubation gas anesthesia in surgery for tuberculosis. T. F. Glushchenko. Probl. tub. 34 no. 3:33-37 My-Je '56.

Operation to induce an artificial paralysis of the diaphragm and pneumoperitoneum in the treatment of a spontaneous pneumothorax. L. IA. Landisberg, V. M. Belaia. Probl. tub. 34 no. 4:64 Jl-Ag '56.

Postoperative ventilation capacity of the respiratory apparatus long after the removal of a lung or its part. L. S. Ul'ianova. Sov. med. 20 no. 9:75-80 S '56.

Results of pulmonary resection in tuberculosis. Z. I. Kiseleva. Probl. tub. 34 no. 3:27-30 My-Je '56.

Segmental and partial economic resections of the lung in tuberculosis. I. S. Kolesnikov. Probl. tub. 34 no. 3: 9-16 My-Je '56.

Segmental resection of the lung in tuberculosis. L. K. Bogush. Probl. tub. 34 no. 3:16-22 My-Je '56.

Surgical treatment in late development of tuberculosis following lung resection. N. M. Amosov. Probl. tub. 34 no. 3:22-27 My-Je '56.

LUNGS—TUMORS

Clinical aspects and surgical treatment of suppurative pulmonary cysts. B. K. Osipov. Khirurgiia. 32 no. 7: 14-24 Jl '56.

LUPINE

Perennial lupine cultivation practices for green manuring. IU. N. Malygin. Ud. i ur. 1 no. 9:9-15 S '56.

LVOV—DESCRIPTION

On the streets of Lvov. Dm. Musienko. Sov. Ukr. 6 no. 9:187-188 S '56.

Our glorious Lvov. Volodymyr Konvisar. Zmina no. 10:12 O '56.

LVOV—ECONOMIC CONDITIONS

Youth of the city of Lvov. Marila Kikh. Rad. zhin. 11 no. 10:2 O '56.

LVOV—FORAGE PLANTS

Preliminary results of testing new wild forage plants in Lvov. E. I. Shishova. Dop. ta pov. L'viv. un. no. 3, pt. 2:22-24 '52.

Results of two years of experimentation with wild forage grasses in Lvov. M. A. Bukhalo. Dop. ta pov. L'viv. un. no. 4, pt. 2:28-29 '53.

Results of two years of experimentation with wild forage legumes in Lvov. E. I. Shishova. Dop. ta pov. L'viv. un. no. 4, [illegible]

LVOV PROVINCE—SILKWORMS
Development of the silkworm in the Lvov region. N. V. Tynnyi. Dop. ta pov. L'viv. un. no. 4, pt. 2:34-36 '53.

LVOV PROVINCE—WATER SUPPLY
Some characteristics of Lvov Province surface waters. G. A. Zil'ber. Dop. ta pov. L'viv. un. no. 4, pt. 2:11-13 '53.

LYMPHATICS
Baroreceptor responses of some internal organs to lymph circulation. M. I. Kokhanina. Fiziol. zhur. 42 no. 5:369-375 My '56.

LYN'KOU, MIKHAS', 1899-
People in M. Lyn'kou's novel "Unforgettable days." F. Kuliashou. Polymia 34 no. 10:135-142 O '56.

LYSENKO, MYKOLA VYTAL'EVYCH, 1842-1912
The bard of the Ukraine; from reminiscences of Ostap Lysenko. Ukraina no. 18:22-23 S '56.

LYUDINOVO—COMMUNITY CENTERS
Lack of time. V. Mikhailov. Klub 6 no. 10:22 O '56.

LYUTORICHI—COLLECTIVE FARMS
In the village of Lyutorichi. T. Novikova. Krest'ianka 35 no. 11:3-5 N '56.

MACHINE ACCOUNTING
Machine accounting for the stocking of materials at an industrial enterprise. A. Khazanov. Bukhg. uchet 15 no. 9:30-34 S '56.
Problems in machine accounting. Bukhg. uchet 15 no. 10:52 O '56.
"Standard lot" method of machine accounting for products shipped and paid for. A. Ovsiannikov. Bukhg. uchet 15 no. 10:49-51 O '56.
The work of billing machines in combination with perforators. E. Uspenskii. Bukhg. uchet 15 no. 9: 35-38 S '56.

MACHINE MOLDING see subdivision under Great Britain

MACHINE-SHOP PRACTICE
Centering parts of three-jaw helical chucks using split sleeves. I. I. Chulkov. Vest. mash. 36 no. 1:39-43 O '56.
Pressing bushings without further processing. G. G. Ivanishchev, M. S. Kantorovich. Stroi. i dor. mashinostr. 1 no. 10:27-29 O '56.
Sergeev, M. A. [Increasing the lavor productivity of mechanics and fitters] Povyshenie proizvoditel'nosti truda pri slesarnykh i sborochnykh rabotakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 287 p.
Ultrasonic machining of brittle metals. M. M. Pisarevskii. Vest. mash. 36 no. 10:60-64 O '56.
Work of the VPTI for Road and Building Machinery in calculating time standards for machining parts. Kh. I. Gordon. Stroi. i dor. mashinostr. no. 9:22-24 S '56.

MACHINE SHOPS
Machine shop is serving the wine industry. A. K. Parsegov. Vin. SSSR 16 no. 5:58 '56.

MACHINE-TOOL INDUSTRY
(see also subdivision under Odessa)
Automatization of manufacturing operations in the machine construction industry is the most important government problem. Vest. mash. 36 no. 10:3-8 O '56.

MACHINE TOOLS
Dimensional [illegible] P. M. Pen'kov.
[illegible] E. Gani-

MACHINE TOOLS—HYDRAULIC DRIVING
Longitudinal vibrations due to the hydraulic drive of machine tools. G. I. Kamenetskii. Stan. i instr. 27 no. 9: 11-15 S '56.

MACHINE TOOLS—STANDARDS
Classification and conventional notations for tools and attachments used in machine construction. N. I. Evstiushin. Standartizatsiia no. 4:57-59 Jl-Ag '56.

MACHINE-TRACTOR STATIONS
(see also subdivision under Akimovka District; Kandybino Kherson Province; Osipovich District; Tajikistan; Ubinskoye; Uzbekistan; Vasil'kov District)
Basova, A. I. [Our experience in a dispatching system for machine-tractor stations] Nash opyt organizatsii dispetcherskoi sluzhby v MTS. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 24)
Industrial practice at machine-tractor stations. S. Il'in. Prof.-tekh. obr. 13 no. 10:4-6 O '56.
Kalpin, G. Z. [The organization and the wages of workers in machine-tractor stations] Organizatsiia i oplata truda rabochikh mashino-traktornykh stantsii. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 6)
Precast reinforced concrete elements for buildings in machine-tractor stations. I. A. Rokhlin, V. D. Tairov. Nov. v stroi. tekh. no. 7:14-36 '56.
Work cooperation. F. S. Kurnosov. Kartofel' no. 4:22-23 S-O '56.

MACHINE-TRACTOR STATIONS—SAFETY MEASURES
Korsakov, M. I. [Safety engineering for machine-tractor mechanics] Tekhnika bezopasnosti v mashinno-traktornykh masterskikh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 160 p.

MACHINE TRANSLATING
Basic problems of machine translating. P. S. Kuznetsov, A. A. Liapunov, A. A. Reformatskii. Vop. iaz. 5 no. 5: 107-111 S-O '56.
Limits in the application of machine translating. L. I. Zhirkov. Vop. iaz. 5 no. 5:121-124 S-O '56.
Machine translating from French into Russian. O. S. Kulagina, I. A. Mel'chuk. Vop. iaz. 5 no. 5:111-121 S-O '56.

MACHINERY
[Machine building; translations and surveys of foreign periodical literature] Mashinostroenie 5 no. 11 '56. 125 p.
Table electromagnetic rammer. B. S. Fel'dman. Ogneupory 21 no. 6:278-279 '56.

MACHINERY—BALANCING see Balancing of machinery

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION
[Machine building; abstracts nos. 24801-26500] Referativnyi zhurnal: Mashinostroenie no. 19 O '56.
[Machine building; abstracts nos. 26501-29700] Referativnyi zhurnal: Mashinostroenie nos. 20-21 O-N '56.

MACHINERY—CONSTRUCTION—HANDBOOKS, MANUALS, ETC.
"Machine constructor's handbook." N. S. Acherkan. Reviewed by M. E. Neimark. Vest. mash. 36 no. 10: 88-89 O '56.

MACHINERY—DESIGN
Dobrovol'skii, V. A., and L. B. Erlikh. [Basic principles in the design of modern machinery] Osnovnye printsipy konstruirovaniia sovremennykh mashin. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 107 p. (Biblioteka konstruktora)

Experimental investigation of the dynamics of high-spe[illegible] metal cutting in using low-inertia mechanisms. N. F. Kazakov. Nauch. trudy MPI no. 3:143-169 '55.
Experimental methods for determining impact force in machine parts. Sh. S. Mazitov. Dokl. AN Tadzh. SSR no. 16:53-64 '56.

MACHINERY IN INDUSTRY
Effectiveness and means of financing the modernization fixed assets. IU. Kozyrev. Fin. SSSR 17 no. 10:9-15 O '56.
What is the "economic obsolescence" of industrial equipment? A. Omarov. Otv. na vop. trud. no. 72:10-16 '5[illegible]

MACHINERY INDUSTRY
(see also subdivision under Kolomna; Sverdlovsk)
An instructive lesson. T. Timoshina. Sov. profsoiuzy 4 no. 10:73-75 O '56.
Interfactory competition of machine builders. N. Pevnov. Sots. trud. no. 4:73-76 Ap '56.
More attention to preparations for wintertime work. T. Shifrin. Stroi. i dor. mashinostr. no. 9:25-26 S '56.
The organization of work and the standard of production. I. Voronkov. Sots. trud. no. 4:86-91 Ap '56.
Saving labor in auxiliary jobs. N. Vlasov. Sots. trud. no. 4:53-60 Ap '56.
Sergeev, M. A. [Increasing the labor productivity of mechanics and fitters] Povyshenie proizvoditel'nosti truda pri slesarnykh i sborochnykh rabotakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 287 p.
Some characteristics of distribution of the machine-building industry of the U. S. S. R. A. G. Omarovskii. Izv. AN SSSR. Ser. geog. no. 3:40-49 My-Je '56.
Welcome to our workshops. A. Filippov. Neva no. 9: 7-8 S '56.
A year has passed. S. Lenin. Sov. profsoiuzy 4 no. 10: 69-70 O '56.

MACHINERY INDUSTRY—COMPETITIONS
Contest for the youth in enterprises of the machine construction industry for the best efficiency proposals and inventions. Stroi. i dor. mashinostr. 1 no. 10: insert:1 O '56.

MACHINERY INDUSTRY—CONGRESSES
Branch conferences of production activists of the Main Administrations of the Ministry. K. G. Khomiakov and others. Stroi. i dor. mashinostr. no. 9:37-38 S '56.

MACHINERY INDUSTRY—HYGIENIC ASPECTS see subdivision under Moscow

MACHINERY INDUSTRY—PRODUCTION CONTROL
Methods for calculating the duration of manufacturing cycles in the machine building industry. I. E. Neldov. Vest. mash. 36 no. 10:74-76 O '56.

MACHINERY INDUSTRY—PRODUCTION STANDARDS
(see also subdivision under Moscow Province)
First conclusions. Sots. trud. no. 10:3-14 O '56.

MACROPHAGES
Alkaline phosphatase in macrophages cultivated in serum. T. M. IAkovleva. Dokl. AN SSSR 110 no. 1: 145-147 S-O '56.

MADEIRA WINE
Madeirizing wines of varied composition. N. B. Kazumov, M. B. Alavordian, R. N. Akhnazarian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:103-107 S '56.

MAGADAN—DESCRIPTION
Arrival in Magadan. Klub 6 no. 11:6 N '56.

MAGALHÃES, FERNÃO, d. 1521
Svet, IA. M. [Ferdinand Magellan] Fernando Magellan. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 37 p. (Zamechatel'nye geografy i puteshestvenniki)

MAGAZINES see Periodicals

MAGMA
Ostrovskii, I. A. [Study of mineral formation in certain silicate melts under water vapor and hydrogen pressure] Issledovaniia po mineraloobrazovaniiu v nekotorykh silikatnykh rasplavakh pod davleniem vodianogo para i vodoroda. Moskva, Izd-vo Akademii nauk SSSR, 1956. 198 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii, Trudy, no. 1)

MAGNESIUM
Effect of magnesium on the yield and quality of tobacco. N. P. Ivanovskii. Ud. i ur. 1 no. 9:34-36 S '56.
Using magnesium on light soils. L. I. Korableva. Ud. i ur. 1 no. 10:14-20 O '56.

MAGNESIUM—ANALYSIS
Determining magnesium in cast iron by the method of of local analysis. I. L. Mirkin, E. P. Rikman. Zav. lab. 22 no. 8:930-936 Ag '56.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM CHLORATE
Results of testing new chemical preparations for preharvest defoliation of cotton plants. F. M. Mauer. Agrobiologiia no. 5:134-140 S-O '56.

MAGNESIUM ORGANIC COMPOUNDS

Reactions of the methyl ester of methacrylic acid with magnesium organic compounds. Part 2. Effect of methylmagnesium bromide and ethylmagnesium bromide on methyl methacrylate. A. I. Lebedeva, L. A. Gavrilova, T. B. Serdobintseva. Zhur. ob. khim. 26 no. 9:2436-2430 S '56.

MAGNESIUM OXIDES

Solubility of water and of magnesium oxide in fused carnallite. IA. E. Vil'nianskii, N. P. Bukina. Zhur. prikl. khim. 29 no. 4:561-565 Ap '56.

MAGNESIUM SULFATE

Equilibriums in magnesium sulfate-nickel sulfate-water system. O. S. Soboleva. Dop. ta pov'. L'viv. un. no. 3, pt. 2:26-29 '52.

MAGNETIC AMPLIFIERS

Calculation of magnetic amplifiers with feedback. R. Kh. Bal'tian. Elektrichestvo no. 9:63-67 S '56.

Conference on magnetic amplifiers. I. B. Negnevitskii. Elektrichestvo no. 10:93 O '56.

Effect of regenerative feedback on multistage magnetic amplifiers. N. P. Vasil'eva, M. A. Bolarchenkov. Avtom. i telem. 17 no. 10:929-935 O '56.

Electric driving of papermaking machinery with magnetic amplifier control. V. I. Zil'berfarb. Bum. prom. 31 no. 9:10 S '56.

Interdepartmental conference on the construction technology for magnetic amplifiers. A. A. Kondratskii, N. I. Chicherin, N. P. Vasil'eva. Avtom. i telem. 17 no. 10:943-945 O '56.

Investigation of magnetic apparatus magnetized by alternating current. B. E. Kubyshin. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:70-85 '55.

Magnetic amplifiers. O. I. Aven, S. M. Domanitskii. Fiz. v shkole 16 no. 5:12-14 S-O '56.

MAGNETIC AMPLIFIERS—BIBLIOGRAPHY see Bibliography—Magnetic amplifiers

MAGNETIC FIELDS

Cyclotron resonance. V. N. Lazukin. Usp. fiz. nauk 59 no. 3:563-582 Jl '56.

Effect of transverse magnetic fields on the heat conductivity of metals. Z. IA. Evseev. Zhur. eksp. i teor. fiz. 31 no. 2:331 Ag '56.

Magnetic field in a conducting turbulent liquid during two-dimensional motion. IA. B. Zel'dovich. Zhur. eksp. i teor. fiz. 31 no. 1:154-155 Jl '56.

Polarization of star light, magnetic field, and spiral structure of the of the Galaxy in the vicinity of Sagittarius. G. Shain. Astron. zhur. 33 no. 4:469-473 Jl-Ag '56.

Theory of galvanomagnetic phenomena in metals. I. M. Lifshits, M. IA. Azbel', M. I. Kaganov. Zhur. eksp. i teor. fiz. 31 no. 1:63-70 Jl '56.

MAGNETIC MATERIALS

Arrangements and apparatus for determining the characteristics of hard magnetic materials. N. E. Fevraleva. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:35-42 '55.

Measurement of the dynamic magnetic characteristics of ferromagnetic materials and the separation of losses in them. B. E. Kubyshin. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:43-60 '55.

MAGNETIC MEASUREMENTS

Arrangements and apparatus for determining the characteristics of hard magnetic materials. N. E. Fevraleva. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:35-42 '55.

Measurement of the dynamic magnetic characteristics of ferromagnetic materials and the separation of losses in them. B. E. Kubyshin. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:43-60 '55.

Vostroknutov, N. G. [Electric and magnetic measurement techniques] Tekhnika izmerenii elektricheskikh i magnitnykh velichin. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 440 p.

MAGNETIC RECORDERS AND RECORDING

High-frequency oscillator for magnetic recorders. V. Pavlov. Radio no. 10:60 O '56.

Recording level needle indicator. Radio no. 10:40-41 O '56.

MAGNETISM

Calculating the reluctance of circuits of varying sectional area. P. V. Novitskii, M. M. Fetisov. Elektrichestvo no. 9:80-83 S '56.

Modern problems of magnetism. S. P. Kapitsa. Priroda 45 no. 10:51-56 O '56.

Progress in studies on the physics of magnetic phenomena (conference in Moscow). E. I. Kondorskii. Vest. AN SSSR 26 no. 9:95-98 S '56.

MAGNETISM, TERRESTRIAL

Calculating irregular electromagnetic fields in heterogeneous media. D. N. Chetaev. Trudy Geofiz. inst. no. 32:3-26 '56.

Mal'tsev, V. N. [Latitudinal magnetic compensator] Shirotnyi magnitnyi kompensator. Moskva, Izd-vo "Morskoi transport," 1956. 109 p.

Short-period disturbances of an electromagnetic field of the earth. V. A. Troitskaia. Trudy Geofiz. inst. no. 32:26-61 '56.

MAGNETITE

(see also subdivision under Caucasus)

Structure of magnetite in reactive diffusion layers during the reduction of hematite. V. I. Arkharov, V. N. Bogoslovskii. Fiz. met. i metalloved. 3 no. 2:254-268 '56.

MAGNETITE—MAGNETIC PROPERTIES

Magnetic properties of magnetite at low temperatures. N. S. Korolevskaia, A. S. Mil'ner. Fiz. met. i metalloved. 3 no. 1:186-188 '56.

MAGNETOMETER

Using magnetometers with ferrocores for investigating the magnetic properties of small specimens made of soft magnetic materials. V. I. Drozhzhina, L. A. Fridman. Fiz. met. i metalloved. 3 no. 2:383-384 '56.

MAGNETOOPTICS

General phenomenological theory of magnetooptical ferromagnetic substances. A. V. Sokolov. Fiz. met. i metalloved. 3 no. 2:208-215 '56.

MAGNETRONS

On the shape of electron trajectories in the magnetron under static conditions. B. IA. Moizhes. Zhur. tekh. fiz. 26 no. 8:1836-1840 Ag '56.

Steady processes in the plane-parallel diode with external magnetic field. IU. V. Pimenov. Zhur. tekh. fiz. 26 no. 9:1955-1965 S '56.

MAGNITOGORSK—STEEL INDUSTRY

Rushing through the years. Evgenii Vorob'ev. Mol. kolkh. 23 no. 9:15-17 S '56.

MAGNITOGORSK—STRIP MINING

Trofimov, G. V., and A. N. Pinashin. [Progressive experience in the organization and production of dump work at the Magnitogorsk open-cut iron mine] Peredovoi opyt organizatsii i proizvodstva otval'nykh rabot na Magnitogorskom zhelezorudnom kar'ere. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 73 p. (Peredovye metody truda)

MAGNOLIA see subdivision under Batum

MAIZE see Corn (Maize)

MAJOLICA

Saltykov, A. B. [Gzhel' majolica] Maiolika Gzheli. Moskva, Gos. izd-vo "Iskusstvo," 1956. 180 p., illus.

MAKEYEVKA—COAL MINES AND MINING

Ivan Brydʹko and his friends. Ivan Fedorchuk. Ukraina no. 19:8-9 S '56.

MAKHACHKALA—FISHERY PRODUCTS—PRESERVATION

The "Caspian sardine" canning line at the Makhachkala Fish Processing Combine. A. A. Toptun, P. F. Butanova. Ryb. khoz. 32 no. 10:28-31 O '56.

MAKING UP TRAINS see Railroads—Making up trains

MALAY ARCHIPELAGO—ZOOLOGY

In the land of orang-outangs and birds of paradise. IUrii Dmitriev. Znan. sila 31 no. 10:31-34 O '56.

MALTHUSIANISM

Ryndina, M. N. [Modern Malthusianism] Sovremennoe mal'tuzianstvo. Moskva, Gos. izd-vo polit. lit-ry, 1956. 62 p.

MAL'TSEV, TERENTII SEMENOVICH, 1895-

Terentii Mal'tsev's discovery. Gennadii Fish. IUn. nat. no. 3:3-4 Je '56.

MALYY SEMYACHIK SOPKA

Malyy Semyachik Sopka. V. I. Vlodavets, A. I. Morozov, V. D. Troitskii. Biul. Vulk. sta. no. 15:19-27 '46.

MAMMALS—ANATOMY

Knee joint and its blood circulation system in man as compared with other mammals. P. M. Mazhuha. Trudy Inst. zool. AN URSR 13:71-92 '56.

MAN—INFLUENCE OF ENVIRONMENT

Voskanian, A. M. [The role of geographical environment in the development of society] O roli geograficheskoi sredy v razvitii obshchestva. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 202 p.

MAN, PREHISTORIC see subdivision under Kanev District

MANASERIAN, SUKIAS EFREMOVICH, 1881-1956

Sukias Efremovich Manaserian; obituary. G. M. Krzhizhanovskii and others. Izv. AN SSSR. Ser. geog. no. 5: 143-144 S-O '56.

MANCHU PHILOLOGY—STUDY AND TEACHING

The contribution of Russian scholars to the study of the Manchu language and literature. B. K. Pashkov. Krat. soob. Inst. vost. no. 18:3-18 '56.

MANCHURIA—CHURCH AND STATE

History of the relations between the Soviet state and the church in the Far East. E. N. Vest. Inst. po izuch. SSSR no. 3:101-105 Jl-S '56.

MANGANESE—SPECTRA

Fluorescent method for investigating the asymmetry and breadth of the $K_{\alpha_1}$-line of copper and manganese atoms in Heusler alloys. B. I. Kotliar. Izv. AN SSSR. Ser. fiz. 20 no. 7:790-793 Jl '56.

X-ray emission spectra on Mn and Cu in Geissler alloy within the range of magnetic transformation temperatures. E. E. Vainshtein, B. I. Kotliar. Dokl. AN SSSR 110 no. 1:44-47 S-O '56.

MANGANESE-ALUMINUM ALLOYS see Aluminum-manganese alloys

MANGANESE-ALUMINUM-COPPER ALLOYS see Copper-manganese-aluminum alloys

MANGANESE-BISMUTH ALLOYS—MAGNETIC PROPERTIES

Using the powder method for investigating magnetization processes in high coercive manganese-bismuth alloys. IA. S. Sur and others. Fiz. met. i metalloved. 3 no. 1:191-192 '56.

MANGANESE-COPPER-ALUMINUM ALLOYS

Fluorescent method for investigating the asymmetry and breadth of the $K_{\alpha_1}$-line of copper and manganese atoms in Heusler alloys. B. I. Kotliar. Izv. AN SSSR. Ser. fiz. 20 no. 7:790-793 Jl '56.

MANGANESE HYDROXIDES

Use of a polarograph for the determination of the pH of the initial precipitation of manganese hydroxide and of its solubility product. P. N. Kovalenko. Zhur. neorg. khim. 1 no. 8:1717-1721 Ag '56.

MANGANESE ORES see subdivision under Caucasus, Northern; Chiatura; Nikopol'

MANGANESE-TIN-NICKEL ALLOYS see Nickel-manganese-tin alloys

MANGYSHLAK PENINSULA—BOTANY

Materials on the flora of the mountainous part of Mangyshlak. U. K. Kisykov. Trudy Inst. bot. AN Kazakh. SSR 1:84-117 '55.

MANGYSHLAK PENINSULA—MOLLUSKS, FOSSIL

Mactra avida Koles. from the upper Sarmatian deposits of Mangyshlak Peninsula. V. E. Egorova. Trudy VNIGNI no. 6:103-108 '55.

MANIC-DEPRESSIVE PSYCHOSES

Bromine metabolism in manic-depressive psychoses. P. V. Birtukovych, TS. M. Shtutman. Fiziol. zhur. 42 no. 5:54-66 Ag '56.

Structure of blood colloids in schizophrenia and in manic-depressive psychoses. I. A. Polishchuk. Fiziol. zhur. [Ukr.] 1 no. 5:31-36 S-O '55.

MAN'KOVKA DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

We have changed our methods of work. F. Koshel'. Raspr. pech. no. 9:20-21 S '56.

MANN, THOMAS, 1875-1955—BIBLIOGRAPHY see Bibliography—Mann, Thomas, 1875-1955

MANNERS see Courtesy

MANOMETER

Checking piston manometers. E. F. Dolinskii. Izm. tekh. no. 4:79-80 Jl-Ag '56.

Mechanical cutting of cartograms. I. P. Sharudin. Neftianik 1 no. 9:30-31 S '56.

Necessity for revising instructions nos. 1-54. B. M Krasnopol'skii. Izm. tekh. no. 4:80-81 Jl-Ag '56.

New differential manometer. A. V. Burmakin. Neftianik 1 no. 7:20 '56.

MANORS see subdivision under Poland

MANPOWER see subdivision 'Labor supply' under China

MANUAL TRAINING

Skillful hands. V. Andreev. Smena 33 no. 17:16-17 S '56.

Tsentsiper, M. B. [Labor performed by school children's groups; work practice of School no. 437 in Moscow] Trudovaia deiatel'nost' shkol'nogo uchenicheskogo kollektiva; iz opyta raboty shkoly no. 437 g. Moskvy. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 110 p.

MANUAL TRAINING—BIBLIOGRAPHY see Bibliography—Manual training

MANUFACTURE AND WORKS—BIBLIOGRAPHY see Bibliography—Manufacture and works

MANUFACTURES—BIBLIOGRAPHY see Bibliography—Manufactures

MANURES see Fertilizers and manures

MANUSCRIPTS

(see also subdivision under Leningrad)

Moscow, Publichnaia biblioteka. [A collection of instructions for the Manuscript Division; recording and processing manuscript collections] Sbornik instruktsii Otdela rukopisei; uchet i obrabotka rukopisnykh fondov. Pod red. E. N. Konshinoi. Moskva, 1956. 243 p.

MANUSCRIPTS (Continued)
New accessions from A. A. Titov's collection. N. N Rozov. Sbor. [Len.] pub. bibl. 3:171-186 '55.
Survey of Old Russian manuscripts accessioned by the Manuscript Division of the Institute of Russian literature (Pushkin House) during 1952-1954. V. I. Malyshev. Rukl. Ruk. otd. Push. doma no. 6:99-102 '56.

MANUSCRIPTS—CONSERVATION AND RESTORATION
Conservation of books and documents for long periods. L. Krutetskaia D. Erastov. Neva no. 10:204 O '56.

MANUSCRIPTS, INDIC
Indic manuscripts written in Russia. V. M. Beskrovnil. Sbor. [Len.] pub. bibl. 3:157-170 '55.

MANUYLOVKA—DESCRIPTION
At Manuylovka, the village of Gor'kii. A. Nimenko. Sov. Ukr. 6 no. 9:188-190 S '56.

MANYCH-GUDILO, LAKE—WATER BIRDS
Pelicans and gulls on Lake Manych-Gudilo. A. G. Shekhov. Priroda 45 no. 10:115-116 O '56.

MAO TUN, 1896-
Fedorenko, N. T. [Mao Tun] Mao Dun'. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 21)

MAP DRAWING
Instruments for field sketching. V. T. Kovalenko. Geog. v shkole 19 no. 5:54 S-O '56.

MAPPING, CONFORMAL see Conformal mapping

MAPS
Shortcomings in maintaining the official map of the U. S. S. R. in the Central Cartographic-Geodetic Collection. IU. I. Derebizova. Geod. i kart. no. 6:47-50 Ag '56.

MAPS, GEOLOGICAL see Geology—Maps

MARAGHA—GLOBES
Celestial globe of the Maragh Observatory. G. D. Mamedbeili. Uch. zap. AGU no. 9:113-116 '55.

MARAT, JEAN-PAUL, 1743-1793
Baheuf and Marat in 1789-1790. V. M. Dalin. Vop. ist. no. 9:45-58 S '56.

MARCINELLE, BELGIUM—COAL MINES AND MINING—ACCIDENTS
"No more Marcinelles!" Roger Clain. Vsem. prof. dvizh. no. 10:10-16 O '56.

MARIENBAD, CZECHOSLOVAKIA—CHESS—TOURNAMENTS
In Prague and Marianske Lazne. Shakh. v SSSR 33 no. 9:265 S '56.

MARINE BIOLOGY see subdivision under Kunashir Island

MARINE DIESEL ENGINES
Increasing the heat resistance of piston heads on internal combustion marine engines. G. Treivas, K. Khatskin. Mor. flot 16 no. 10:18-20 O '56.
New piston ring designs. N. V. IUrtaikin. Rech. transp. 15 no. 8:24-25 Ag '56.

MARINE ENGINEERING
Mochanov, P. N., I. M. Ponomarev, and V. A. Anikin. [Steam ejector fume pressure apparatus] Paroezhekotornaia dymonagnetatel'naia stantsiia. Moskva, Izd-vo "Morskoi transport," 1956. 31 p. (Biblioteka obmena opytom na morskom transporte)

MARINE ENGINES
Choice of engines is the most important problem of technical policy in the merchant marine. V. Smyka. Mor. flot 16 no. 7:9-12 Jl '56.
Korchagin, M. I. [Measuring the power of internal combustion marine engines] Izmerenie moshchnosti sudovykh dvigatelei vnutrennego sgoraniia. Moskva, Izd-vo "Morskoi transport," 1956. 147 p.

MARINE ENGINES—REPAIRING see subdivision under Baku

MARINE FAUNA see subdivision under Kurile Trench; Japan, Sea of

MARINE FAUNA—RESEARCH see subdivision under Soviet Far East

MARINE FLORA see subdivision under Japan, Sea of

MARINE GAS TURBINES
(see also subdivision under Italy)
Gas turbine installations on ships. V. Gartvig, N. Klimenko. Mor. flot 16 no. 10:29-31 O '56.
M. I. IAnovskii's studies on the theory and calculations of steam and gas turbines. G. G. Zharov. Trudy VNITOSS 6 no. 1:128-135 '53.

MARINER'S COMPASS see Compass

MARITIME TERRITORY—AGRICULTURE—ECONOMIC ASPECTS
Lower the production expenditures in animal husbandry. A. D. Nesterenko. Zhivotnovodstvo 18 no. 10:30-34 O '56.

MARITIME TERRITORY—FISHERIES
Maritime Territory fishermen in the struggle to fulfill their assumed obligations. N. A. Ivanenko. Ryb. khoz. 32 no. 9:8-11 S '56.

MARITIME TERRITORY—FISHERY PRODUCTS
Problem of utilizing the rich fish wastes in the Maritime Territory. M. I. Drozdov. Zhivotnovodstvo 18 no. 10: 24-29 O '56.

MARITIME TERRITORY—FLATFISHES
Research on the spawning and development of flatfishes off the Maritime Territory coast. A. Ostroumova-Pertseva. Trudy probl. i tem. sov. no. 6:138-139 '56.

MARITIME TERRITORY—GEOLOGY, STRATIGRAPHIC
Stratigraphy of the upper Paleozoic of Mount Zarod in the Maritime Territory. S. A. Muzylev, A. I. Zhamoida. Inform. sbor. VSEGEI no. 2:29-35 '55.

MARITIME TERRITORY—UREDINEAE
Specialization of rust fungi on cultivated grasses of the Maritime Territory in the uredostage. Z. M. Azbukina. Bot. mat. Otd. spor. rast. 11 150-161 Ja '56.

MARKETS see subdivision under Riga

MARKEVYCH, OLEKSANDR PROKOPOVYCH, 1905-
Oleksandr Prokopovych Markevych; on his 50th birthday. R. S. Chebotar'ov, V. P. Koval'. Trudy inst. zool. AN URSR 13:101-109 '56.

MARKIN, VASILII IVANOVICH
A praiseworthy 50th anniversary. A. Gerasimova. Nach. shkola 24 no. 11:42 N '56.

MARKKLEEBERG, GERMANY—AGRICULTURAL MACHINERY—EXHIBITIONS
Exhibition of agricultural machinery. Nauka i zhizn' 23 no. 10:50 O '56.

MARKOV, ANDREI ANDREEVICH, 1856-1922
Creator of the concept of the mathematical series. O. V. Sarmanov. Priroda 45 no. 11:73-76 N '56.

MARRIAGE
Discussion about the honor of women. Ar. Lifshits. Rabotnitsa 34 no. 11:29 N '56.
Wedding at the "Urozhai" State Farm. Smena 33 no. 17: 8-9 S '56.

MARRIAGE CUSTOMS AND RITES
Pass for a new life. G. Shibanov. Klub 6 no. 10:23-24 O '56.

MARROW
Method for examining marrow by puncturing the manubrium area of the sternum. E. V. Orlovskaia. Lab. delo 2 no. 5:20-21 S-O '56.

MARS (PLANET)
Encounter of planets. Sov. Soiuz no. 11:8-9 N '56.
The riddle of Mars. S. V. Orlov. IUn. nat. no. 7:1-3 O '56.
Riddles of Mars. Sh. Gordeladze. Sov. Ukr. 6 no. 10: 188-189 O '56.

MARS (PLANET)—OPPOSITION, 1956
Sytinskaia, N. N. [The opposition of Mars at perihelion] Velikoe protivostoianie Marsa. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 49 p.

MARS (PLANET)—SPECTRA
"Trudy" of the Astrobotany Sector of the Academy of Sciences of the Kazakh SSR. Volumes 3 and 4. Reviewed by G. Idlis, L. Dobrunov. Astron. zhur. 33 no. 4:635-639 Jl-Ag '56.

MARSHAK, SAMUIL IAKOVLEVICH, 1887-
Book on the literary career of S. IA. Marshak ("S. IA. Marshak" by B. Galanov. Reviewed by T. Polozova). Nach. shkola 24 no. 11:57-58 N '56.
Portrait of a poet ("S. IA. Marshak"; sketch of his life and work." B. Galanov. Reviewed by N. Vengrov). Ogonek 34 no. 47:19 N '56.

MARSHES see Swamps

MARTENSITE
Temperature drop at the start of martensite transformation during the partial decomposition of austenite in bainite range. V. I. Arkharov, V. P. Skliuev, V. O. Esin. Fiz. met. i metalloved. 3 no. 1:62-65 '56.
Using diffusion techniques for investigating the elimination of martensite transformation traces during high temperature annealing. B. M. Noskov, G. K. Borisov, E. V. Shevnin. Fiz. met. i metalloved. 3 no. 2:278-281 '56.

MARTENSITE—METALLOGRAPHY
Inhomogeneity of the carbon content in martensite after hardening of steel specimens by high-frequency current. I. N. Kidin. Fiz. met. i metalloved. 3 no. 2:299-305 '56.

Relation of carbon content in martensite to the crystal parameters for steel specimens subjected to hardening by high-frequency current. I. N. Kidin. Fiz. met. i metalloved. 3 no. 2:306-308 '56.

MARTITE
History of the discovery of martite. [In Ir. with Eng. abstract] Shainkov. Geol. zhur. 16 no. 3:87-88 '56.

MARTYNOV FAMILY
Celebration in honor of a family of steelworkers. I. Men'shikov. Klub 6 no. 10:9-10 O '56.

MARX, KARL, 1818-1883
K. Marx on the distribution of the conditional cost of wealth [in Georgian with summary in Russian]. P. Lobchanidze. Trudy TGU no. 59:113-134 '55.
Kautsky, Karl. [Karl Marx's economic theories] Ekonomicheskoe uchenie Karla Marksa. Moskva, Gos. izd-vo, 1956. 232 p. (DS)

MASLO, MYKHAILO
Whom harmony is lacking ("On the road to the field"; lyric verse by Mykhailo Maslo. Reviewed by Kuzma Dolonman). Dnipro 30 no. 11:110-111 N '56.

MASS SPECTOMETRY
Atomization of tantalum and nickel in the focus of the following bombardment by positive cesium ions. V. I. Veksler, M. N. Men'shinskikh. Zhur. eksp. i teor. fiz. 29 no. 6:1071-1080 Ag '56.
Possibility of utilizing cyclotron resonance for mass spectrometry. V. N. Izrailov. Zhur. eksp. i teor. fiz. 31 no. 2:339-340 Ag '56.

MASS TRANSFER
Heat and mass transfer in a granular layer. [Part I. Determining the coefficient of mass transfer in a granular layer]. I. V. Gnaev, N. I. Nikitina, M. I. Arkhipova. Zhur. tekh. fiz. 26 no. 9:2005-2007 S '56.
Lykov, A. V. [Heat and mass transfer in drying processes] Teplo- i massoobmen v protsessakh sushki. Moskva, Gos. energ. izd-vo, 1956. 464 p.
Mass transfer on sieve plates of varying inclination. I. N. Kuz'minykh, A. I. Rodionov. Zhur. prik. khim. 29 no. 9:1330-1339 S '56.

MASTICATION
Conditioned masticatory reflexes in sheep. I. I. Ivanov. Fiziol. zhur. 42 no. 9:811-816 S '56.

MASTOID PROCESS—DISEASES
Acute leukosis with localization of the hemopoietic focus in the mastoid process. R. R. Gatiy. Vest. otorin. 18 no. 5:104-105 S-O '56.

MASTOID PROCESS—TUMORS
Osteoma of the mastoid process. G. S. Israelian. Vest. otorin. 18 no. 5:112 S-O '56.
Osteoma of the mastoid process. N. A. Mel'chinskii. Vest. otorin. 18 no. 5:111-112 S-O '56.

MATCHA DISTRICT—UREDINEAE
New species of rust fungus from the Turkestan Range. IA. I. Korbonskaia. Bot. mat. Otd. spor. rast. 11 149-150 Ja '56.

MATERIA MEDICA, ANIMAL see subdivision under Azerbaijan

MATERIAL HANDLING
(see also subdivision under Germany, West; Great Britain)
Holding device used in stacking bricks. P. I. Maltsev. Mekh. stroi. 13 no. 10:36-37 O '56.
Mechanized moving of loads in sugar factories. A. S. Makeev. Sakh. prom. 30 no. 7:47-50 Jl '56.
New charging-discharging machines. A. S. Ostrianskii, I. B. Rubinshtein. Vest. mash. 36 no. 10:37-39 O '56.

MATERIALS
The supply of material and equipment as a factor in the growth of labor productivity. E. Lokshin. Sots. trud. no. 4:12-23 Ap '56.

MATERIALS—TESTING
Method for determining localized and uniform plasticity in high-temperature tests. G. I. Pogodin-Alekseev. Zav. lab. 22 no. 8:970-981 Ag '56.
Method for testing the tendency of materials for delayed destruction. T. K. Zilova, N. I. Damina, IA. B. Fridman. Zav. lab. 22 no. 8:967-972 Ag '56.
Quantitative evaluation of heterogeneous properties of products by means of small samplings. L. P. Vladimirov. Zav. lab. 22 no. 8:955-958 Ag '56.

MATERIALS, MAGNETIC see Magnetic materials

MATERIALS, STRENGTH OF see Strength of materials

MATERNITY HOSPITALS see subdivision "Hospitals, Gynecologic and obstetric" under Tabor, Poland

MATHEMATICAL CRYSTALLOGRAPHY see Crystallography, Mathematical

MATHEMATICAL INDUCTION see Induction (Mathematical)

MATHEMATICAL INSTRUMENTS
Graphic representation of coal mining operations and drawing instruments for affine transformation. S. V. Orlovskii, L. S. Sulidi. [Trudy] VNIMI no. 30:135-145 '56.

MATHEMATICAL PHYSICS
A general solution of renormalization group equations. L. V. Ovsiannikov. Dokl. AN SSSR 109 no. 6:1112-1114 Ag '56.
Temperature outbursts in a medium subject to the action of nuclear radiation. I. M. Lifshits. Dokl. AN SSSR 109 no. 6:1109-1111 Ag '56.

MATHEMATICAL RECREATIONS
Kordemskii, B. A. [Sharpness in mathematics] Matematicheskaia smekalka. Izd. 3-e, Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 574 p.

MATHEMATICAL STATISTICS
Contemporary mathematical statistics and the Chebyshev series. V. S. Nemchinov. Uch. zap. po stat. 1:240-252 '55.

MATHEMATICIANS
Prudnikov, V.E. [Russian mathematicians and pedagogues of the 18th and 19th centuries] Russkie pedagogi-matematiki XVIII-XIX vekov; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 340 p.

MATHEMATICS
(see also subdivision under Leningrad; Moscow; Rumania)
Department of Mechanics and Mathematics. N. Zhidkov. Vest. Mosk. un. 11 no. 6:149-152 Je '56.

MATHEMATICS—ABSTRACTS
[Mathematics; abstracts nos. 7036-7813] Referativnyi zhurnal: Matematika no. 10 O '56.
[Mathematics; abstracts nos. 7814-8486] Referativnyi zhurnal: Matematika no. 11 N '56.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—CONGRESSES
Results of the All-Union Mathematical Congress. I. M. Vinogradov. Vest. AN SSSR 26 no. 9:3-7 S '56.

MATHEMATICS—PERIODICALS
New mathematical publication ("Matematika"). Usp. mat. nauk 11 no. 4:231 Jl-Ag '56.

MATHEMATICS—PHILOSOPHY
Two lectures on the philosophy of mathematics. B. V. Gnedenko. Nauk. zap. Kiev. un. 12 no. 6:5-36 '53.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.
Kostina, Z.N. [Practical problems in mathematics; a teacher's manual] Prakticheskie zadachi po matematike; posobie dlia uchitelei. Pod red. V.P.Kozlova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 133 p.

MATHEMATICS—STUDY AND TEACHING
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [Problems in improving the students' knowledge of mathematics] Voprosy povysheniia kachestva znanii uchashchikhsia po matematike. Pod red. A. D. Somushina. Moskva, 1955. 191 p. (Pedagogicheskaia biblioteka uchitelia)
Demonstration by the rule of contraries. H. P. Bevz. Rad. shk. 35 no. 10:24-26 O '56.
Training mathematics teachers for secondary schools in pedagogical colleges. I. F. Teslenko, V. I. Chepeliev. Rad. shk. 35 no. 10:33-36 O '56.

MATRIX MECHANICS
Generalized phase analysis as a corollary of the unitary property of the S-matrix [with English summary in insert]. IU. A. Gol'fand. Zhur. eksp. i teor. fiz. 31 no. 2:224-231 Ag '56.

MATTER
Lenin's theory on matter and modern natural science. F. Dolgikh. 13 no. 10:26-32 O '56.

MAY FLIES
Origin and development of insect wings. Part 3. Mesothorax of May flies (Ephemeroptera) and the evolution of the flying apparatus of the insects. E. G. Bekker. Vest. Mosk. un. 11 no. 6:105-110 Je '56.

MAZUR, IVAN STEPANOVYCH
Oculist from Ternopol. Ukraina no. 18:16 S '56.

MEADOW SAFFRON see subdivision under Transcarpathia

MEADOWS see Pastures and meadows

MEALY BUGS see subdivision under Armenia

MEASUREMENT OF AREA see subdivision 'Area measurement' under Asia

MEASUREMENT OF STREAMS see Stream measurements

MEASUREMENTS, AERODYNAMIC see Aerodynamic measurements

MEASUREMENTS, ELECTRIC see Electric measurements

MEASUREMENTS, MAGNETIC see Magnetic measurements

MEASURES see Weights and measures

MEASURING INSTRUMENTS
All-Union Industrial Exhibition, 1956. Hall of "Metrology, standards and precise measurements." N. I Tiurin. Izm. tekh. no. 4:3-16 Jl-Ag '56.
Aparin, G.A., and L.E.Gorodetskii. [Tolerance and technical measuring] Dopuski i tekhnicheskie izmereniia. Izd. 4-oe, ispr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 734 p.
Conducting the regional state control in 16 to 18 days. I. S. Krever. Izm. tekh. no. 4:65-66 Jl-Ag '56.
Controlling and measuring tools in workshops. A. B. Frenkel'. Izm. tekh. no. 4:70 Jl-Ag '56.
Device for investigating linear shrinkage in metals. S. V. Malashenko, R. P. Todorov. Lit. proizv. no. 4:14-17 O '56.
Effect of the surface smoothness of angle gauges on the precision of measurements. L. L. Mediantseva. Izm. tekh. no. 4:26-27 Jl-Ag '56.
In the Committee of Standards, Weights and Measuring Instruments. Izm. tekh. no. 4:98 Jl-Ag '56.
Instrument for measuring drawplates profiles. G. G. Grigor'ov. Trudy Ural. politekh. inst. no. 45:192-195 '53.
Instrument for measuring the shape of drawing holes in diamond dies. V. E. Kostin, M. K. Kovalev. Izm. tekh. no. 4:24-26 Jl-Ag '56.
Instrument that measures work. I. Korobochkin. Neva no. 9:206 S '56.
Measuring the density of liquids subjected to high pressures. V. N. Razumikhin. Izm. tekh. no. 4:28-31 Jl-Ag '56.
Measuring the pitch of the lead screw in jig boring machines. B. T. Gelberg, V. A. Volosatov. Stan. i instr. 27 no. 9:20 S '56.
Modernization of optical-mechanical instruments measuring lengths and angles in machine construction. A. V. Ervals. Izm. tekh. no. 4:94-95 Jl-Ag 56.
Multimeter rod gauge machines with simplified optical arrangements. F. P. Volosevich. Izm. tekh. no. 4: 66-67 Jl-Ag '56.
Results of the all-Union competition for instrument designers. Stan. i instr. 27 no. 9:41-43 S '56.
Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Collection of instructions for verifying measuring instruments with a lever] Sbornik instruktsii po poverke rychazhno-mekhanicheskikh izmeritel'nykh priborov. Izd. ofitsial'noe. Moskva, 1956. 87 p.
Sensitivity thresholds of linear measuring instruments. Izm. tekh. no. 4:97 Jl-Ag '56.
Thermostatic metrological device for measuring the density of liquids and solids. P. A. Nalimov. Izm. tekh. no. 4:72-73 Jl-Ag '56.
Workshops need factories manufacturing measuring instruments. A. D. Snagovskii. Izm. tekh. no. 4:97 Jl-Ag '56.

MEASURING INSTRUMENTS—REPAIRING
Repairing watch-type indicators. I. P. Kalodin. Izm. tekh. no. 4:60 Jl-Ag '56.

MEAT
Instruments for determining the tenderness of meat. P. Zherebtsova. Mias. ind. SSSR 27 no. 5:27-28 '56.

MEAT—ANALYSIS
Changes in physical and chemical properties of meat in the salting of sausages. V. Pal'min. Mias. ind. SSSR 27 no. 5:51-52 '56.

MEAT—BACTERIOLOGY
Formation of staphylococcal enterotoxin in sausage meat and ready-to-eat meat products. I. O. Nagirna. Vop. pit. 15 no. 5:66-67 S-O '56.
Quantitative determination of bacterial spores and sources of their penetration into sausages. M. A. Khaifets. Vop. pit. 15 no. 5:67-68 S-O '56.

MEAT—PRICES
Price determination and bank control in the meat and dairy industries. M. Ingerman. Den. i kred. 14 no. 10:26-31 O '56.

MEAT, CANNED
New varieties of canned dehydrated meat and fish. L. P. Khakhina. Ref. nauch. rab. VNIIKOP no. 3:54-57 '55.

MEAT, FROZEN
Effect of cold storage temperature on the properties of meat when defrosted. N. IAnushkin. Mias. ind. SSSR 27 no. 5:53-55 '56.

MEAT INDUSTRY
Speed up the over-all mechanization and automatization of production. V. Gorbatov. Mias. ind. SSSR 27 no. 5: 1-6 '56.

MEAT INDUSTRY—BIBLIOGRAPHY see Bibliography—Meat industry

MECHANICAL DRAWING
Conference of descriptive geometry teachers. A. A. Gulisashvili. Vest. vys. shkoly 14 no. 10:33-35 O '56.
Matveev, A.A., and D.M.Borisov. [Mechanical drawing] Cherchenie. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 219 p.

MECHANICAL DRAWING—STUDY AND TEACHING
Eidel's, L. M. [Equipment for lessons in mechanical drawing and extracurricular work; a manual for teachers] Oborudovanie urokov cherchenila i vneklassnala rabota; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 79 p.
Make better use of the class hour. A. M. TSinkalov. Srod. spets. obr. no. 11:50-52 N '55.
The program and textbook for mechanical drawing. E. V. Zelenin. Srod. spets. obr. no. 11:46-50 N '55.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—STUDY AND TEACHING
Aspects of teaching the course "Machine parts." V. N. Treier. Vest. vys. shkoly 14 no. 10:28-29 O '56.

MECHANICAL MODELS
Not only plan models but also make them. I. N. Kligman. Srod. spets. obr. no. 10:15-19 O '56.

MECHANICAL MOVEMENTS
Investigating the motion of planet wheels in planetary mechanisms. M. V. Semenov. Trudy Sem. po teor. mash. 15 no. 60:5-27 '56.

MECHANICAL STOKERS see Stokers, Mechanical

MECHANICAL WEAR
Laboratory determination of the wear resistance of refractories (from "Trans. Brit. Ceramic Soc.," no. 4, 1955). S. V. Glebov. Ogneupory 21 no. 6:265-266 '56.
Matalin, A. A. [Surface quality and service characteristics of machine parts] Kachestvo poverkhnosti i ekspluatatsionnye svoistva detalei mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 252 p., illus.
Scale effect in investigating the process of friction and wear of metals. V. I. Bondar'. Fiz. met. i metalloved. 3 no. 2:363-368 '56.
Soil conditions causing the wear of cultivating machinery in Polesye. I. S. Gonchar. Sel'khozmashina no. 9: 21-23 S '56.
Treier, V.N. [Design of machine parts for wear] Raschet detalei mashin na dolgovechnost'. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 234 p.
Wear of specimens made of same metals and subjected to mutual friction. V. N. Koshcheev. Fiz. met. i metalloved. 3 no. 2:369-373 '56.

MECHANICAL WEAR—TESTING
Chemical analysis of surface layers of metals subjected to various types of wear. B. I. Kostetskii, N. L. Golego, P. K. Topekha. Vest. mash. 36 no. 10:25-26 O '56.

MECHANICS
[Mechanics; translations and surveys of foreign periodical literature] Mekhanika 7 no. 5 '56. 141 p.
Prikhod'ko, A. N., and M. N. Safronov. [A course in theoretical mechanics for technical schools] Kurs teoreticheskoi mekhaniki dlia tekhnikumov. Pod red. I. M. Voronkova i D. V. Zharkova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 116 p.

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL INSTRUMENTS AND APPARATUS
Depressor and mouth mirror with an electric lamp. P. T. Borodulin. Voen.-med. zhur. no. 7:77-78 Jl '56.
A device for measuring wounds. M. A. Fel'dshtein. Khirurgiia. 32 no. 7:84-86 Jl '56.
Main problems in over-all mechanization of the medical instruments industry. I. A. Antonov. Med. prom. 10 no. 3:10-13 Jl-S '56.
A simple device for shading preparations in electronic microscopy. A. N. Smirnov. Lab. delo 2 no. 5:11-14 S-O '56.
Specialization in the medical instruments industry. V. A. Dvoriakovskii. Med. prom. 10 no. 3:13-16 Jl-S '56.
Three-dimensional hot stamping in the medical instruments industry. L. I. Faingol'd. Med. prom. 10 no. 3: 37-41 Jl-S '56.

MEDICAL LABORATORIES
"New techniques in laboratory analysis." A. V. Florinskii. Reviewed by V. A. TSyganov. Lab. delo 2 no. 5: 32 S-O '56.

MEDICAL SERVICE EMPLOYEES
Legal consultation. Med. sestra 15 no. 9:30-31 S '56.

MEDICAL SOCIETIES see subdivision under Groznyy

MEDICAL STATISTICS
P. I. Kurkin, outstanding Russian medical statistician. G. A. Batkis. Uch. zap. po stat. 1:315-322 '55.

MEDICAL SUPPLIES
Lisitskii, R. M. [Medical supplies; instuments, apparatus, articles for care of the sick, dressing materials, eye glasses, natural mineral waters] Meditsinskoe tovarovedenie; instrumenty, apparatura, predmety ukhoda za bol'nym, pereviazochnye materialy, ochkovaia optika, natural'nye mineral'nye vody. Izd. 4-oe., dop. i ispr. Moskva, Medgiz, 1956. 199 p.
(DAFM)

MEDICAL SUPPLIES—EXHIBITIONS
Medical supplies industry at the All-Union Industrial Exhibition. Med. prom. 10 no. 3:45-48 Jl-S '56.

MEDICINAL PLANTS see Botany, Medical

MEDICINE
Fridland, L.S. [On the roads of science; stories on medicine] Po dorogam nauki; rasskazy o meditsine. Moskva, Sovetskaia nauka, 1956. 450 p.
(DAFM)
Gukasian, A. G. [Internal diseases] Vnutrennie bolezni. Moskva, Medgiz, 1956. 394 p.
(DAFM)
Kibzei, A.T. [Ukrainian physician] Ukrains'kyi likar, Yorkton, Sask. Canada, The Redeemer's Voice [1945] 734 p.
(OCI)

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—HANDBOOKS, MANUALS, ETC.
Egorov, P. I., ed. [Manual for the practicing physician] Spravochnik prakticheskogo vracha; v dvukh tomakh. Izd. 7-e, znachitel'no dop. i ispr. Moskva, Medgiz, 1956. 2 v.
(DAFM)

MEDICINE—HISTORY
Kanevskii, L. O., E. I. Lotova, and Kh. I. Idel'chik, [Chief characteristics of the development of medicine in Russia during the period of capitalism (1861-1917)] Osnovnye cherty razvitiia meditsiny v Rossii v period kapitalizma (1861-1917). Moskva, Gos. izd-vo med.

MEDICINE, RURAL
Incidence of rheumatic fever according to data from rural schools. G. D. Golovanova. Vop. okh. mat. i det. 1 no. 5:60-61 S-O '56.
State of health and organization of medical services to children at a rural medical section. A. A. Gromkovskaia and others. Vop. okh. mat. i det. 1 no. 5:77-80 S-O '56.
Work of visiting nurses in rural medical sections. M. A. Gagaeva. Vop. okh. mat. i det. 1 no. 5:80-85 S-O '56.

MEDICINE, VETERINARY see Veterinary medicine

MEDICINE AND RELIGION
Beniumov, R.IA. [Medicine in the fight with religious prejudices and superstitions] Medytsina v borot'bi z religijnymy peredsudamy. Kyiv, Derzh. med. vyd-vo URSR, 1956. 25 p.

MEDICINES, PHYSIOLOGICAL EFFECT OF see Pharmacology

MEDUSAE see subdivision under Soviet Far East

MEDVEZHYE, LAKE—MOSSES
Trichostomum cuspidatissimum Card. et Ther., a new moss species of the U. S. S. R. L. I. Savich-Liubitskaia. Bot. mat. Otd. spor. rast. 11 200-210 Ja '56.

MEIER, KONSTANTIN IGANT'EVICH, 1881-
Seventy-fifth birthday of Konstantin Ignat'evich Meier. S. IU. Lipshits, P. A. Baranov. Bot. zhur. 41 no. 9: 1389-1400 S '56.

MELANOIDINES
Uranium binding by humic acids and melanoidines [with English summary in insert]. S. M. Manskaia, T. V. Drozdova, M. P. Emel'ianova. Geokhimiia no. 4:10-23 '56.

MELBOURNE—OLYMPIC GAMES
All roads lead to Melbourne. Frank Hardy. Ogonek 34 no. 40:19 S '56.
The contest of the strongest. G. Elenskii. Smena 33 no. 21:22-23 N '56.
Olympic predictions. Ch. Cutts. Mol. mira no. 9:4-5 '56.
There will be a strong competition. G. Korobkov. Ogonek 34 no. 43:20-21 O '56.
To Melbourne. E. Rubin. Sov. Soiuz no. 11:40 N '56.
Where the Olympic fire will burn. D. Martin. Smena 33 no. 20:15-16 O '56.

MEL'GUNOV, SERGEI PETROVICH, 1879-1956
S. P. Mel'gunov; his role in the struggle against communism and his contribution to Soviet studies. P. Kovalevskii. Vest. Inst. po izuch. SSSR no. 3:147-149 Jl-S '56.

MELONS
Characteristics of the phasic development of water melons and muskmelons. O. A. Zauralov. Agrobiologiia no. 5:144-146 S-O '56.

MELTING POINTS
Determination of the melting point of certain metals at ultrahigh pressure. V. P. Butuzov, M. G. Gonikberg. Zhur. neorg. khim. 1 no. 7:1543-1547 Jl '56.

MEMBRANES (CHEMISTRY)
Structural and osmotic properties of colloidal and sedimented copper ferrocyanide membranes. I. F. Karpova, L. A. Ignat'eva. Vest. Len. un. 11 no. 16: 105-109 '56.

MENINGES—TUBERCULOSIS
A case of cerebral echinococcosis diagnosed as tuberculous meningitis. I. IA. Shor. Sov. med. 20 no. 9:89-90 S '56.
Clinical characteristics of oneiroid and delirious states in children in tuberculous meningitis. M. I. Lapides. Zhur. nevr. i psikh. 56 no. 9:718-724 '56.
Electroencephalographic changes in tuberculous meningitis in children during therapy. N. V. Shteinbukh, V. IU. Turchenkova. Zhur. nevr. i psikh. 56 no. 9:725-730 '56.

MENINGITIS
Diagnosis and treatment of brucellar meningitis. I. B. Otaraev. Klin. med. 34 no. 9:60-62 S '56.

MENSHIKOV, ALEKSANDR DANILOVICH, 1673-1729
The daily notes of Prince A. D. Menshikov; study of materials in the Menshikov Archives. A. P. Giagoleva. Probl. istoch. no. 5:159-183 '56.

MERCHANT MARINE
Brotherly friendship gets stronger. P. Antonov. Blok. agit. vod. transp. no. 19:32-36 O '56.
Chikvaidze, G.V. [Sketch of the history and present status of the merchant marine of the world] Ocherk po istorii i sovremennomu sostoianiiu mirovogo morskogo transporta. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 85 p. (Nauchno-populiarnaia serila)
Competition between sea and river crews for fulfilling the plan of the first year of the sixth five-year plan ahead of time; figures and facts. Blok. agit. vod. transp. no. 20:45-3 of cover S '56.
Efforts to avoid breakdowns in a task of major importance for the merchant marine. Mor. flot 16 no. 10:1-4 O '56.
Never accept bourgeois ideology. S. Golovin. Blok. agit. vod. transp. no. 20:10-19 O '56.
"The planning of work in the merchant marine." V. P. Panfilov, V. A. Petrushik. Reviewed by B. Borisov, A. Zamakhovskaia. Sots. trud. no. 4:119-121 Ap '56.
Political agitation work during long voyages. I. Rebell. Blok. agit. vod. transp. no. 10:17-24 O '56.

MERCHANT MARINE—BIBLIOGRAPHY see Bibliography—Merchant marine

MERCHANT SEAMEN
Friendship, comradeship, and mutual assistance in the tradition of Soviet sailors. D. Nozdrin. Blok. agit. vod. transp. no. 16:8-15 S '56.

MERCHANT SHIPS
General inspection of technical conditions in the fleet. Mor. flot 16 no. 7:1-3 Jl '56.

MERCHANT SHIPS—SPEED
Operational speed of seagoing vessels. A. Syrnaï. Mor. flot 16 no. 7:4-9 Jl '56.

MERCURY—SPECTRA
Fabry-Perot multiplex etalon for measuring the hyperfine structure and isotope shift line of mercury. F. A. Korolev, V. I. Odintsov. Opt. i spektr. 1 no. 1:17-21 My '56.

MERCURY-ARC RECTIFIERS
Present-day systems of rectifier driven. E. L. Ettinger, B. M. Gutkin, P. M. Borodinchenko. Elektrichestvo no. 9:32-36 S '56.
Use of mercury-arc rectifiers with greater grid control. IU. E. Lapchenko. Elektrichestvo no. 10:70-74 O '56.

MERCURY CHLORIDES—TOXICOLOGY
Some data on the toxic action of preparation NIUIF-2 (granosan). G. IA. Godes, L. F. Romyzh. Vop. pit. 15 no. 5:83-85 S-O '56.

MERCURY SALTS
Study of conversions pinacones with substituted acetylenic radicals. Part 13. Effect of mercury salts on asymmetric methyl-diphenyl-phenylacetylenyl-ethylene glycol and trimethyl-phenylacetylenyl-ethylene glycol. E. D. Venus-Danilova, A. Fabritsky. Zhur. obs. khim. 26 no. 9:2458-2463 S '56.

MESHCHERA—RECLAMATION OF LAND
Reclamation of Meshchera. IU. A. Shcherbakov. Geog. v shkole 19 no. 5:14-20 S-O '56.

MESITYLENE—SPECTRA
Vibration spectra of aromatic compounds. Part 3. Computation and interpretation of the vibration spectra of mesitylene and durene. M. A. Kovner. Opt. i spektr. 1 no. 3:340-303 Jl '56.

MESONS
Emission of $\gamma$-quanta on collisions of fast charged pions with nuclei. A. G. Sitenko. Dokl. AN SSSR 109 no. 6:1119-1122 Ag '56.
Formation of $\pi^+$-mesons in 660 Mev (p-p) - collisions [with English summary in insert]. V. M. Sidorov. Zhur. eksp. i teor. fiz. 31 no. 2:178-187 Ag '56.
A general solution of renormalization group equations. L. V. Ovsiannikov. Dokl. AN SSSR 109 no. 6:1112-1114 Ag '56.
$\pi^+$-meson energy spectrum for the [illegible] reaction at 656 and 657 Mev. M. G. Meshcheriakov and others. Zhur. eksp. i teor. fiz. 31 no. 1:45-54 Jl '56.
Nonlinear meson field of nucleons at rest. A. Borgardt. Dokl. AN SSSR 109 no. 6:1107-1108 Ag '56.
Note on the mixed meson theory. A. D. Galanin, L. I. Lapidus. Zhur. eksp. i teor. fiz. 31 no. 2:359 Ag '56.
Nucleon—$\pi$-meson interactions. M. Gell-Mann, K. M. Watson. (From "Annual Review of Nuclear Science" 4, '54). Usp. fiz. nauk 59 no. 3:399-458 Jl '56.
On theories of multiple meson production. L. G. IAkovlev. Zhur. eksp. i teor. fiz. 31 no. 1:142-144 Jl '56.
Photoproduction of $\pi$-meson pairs in hydrogen and deuterium near the threshold and isotopic invariance. N. V. Dushin. Zhur. eksp. i teor. fiz. 31 no. 2:355-356 Ag '56.
Production of charged mesons in beryllium and carbon by 660 Mev protons. M. G. Meshcheriakov and others. Zhur. eksp. i teor. fiz. 31 no. 1:55-62 Jl '56.
Production of $\pi$-meson pairs on nuclei by high energy $\gamma$-quanta. A. G. Sitenko. Zhur. eksp. i teor. fiz. 31 no. 2:348-350 Ag '56.
Pseudoscalar interaction in nonlinear meson dynamics. A. Borgardt. Dokl. AN SSSR 110 no. 1:42-43 S-O '56.
Selection rules for antiproton annihilation into $\pi$-mesons. L. M. Afriklian. Zhur. eksp. i teor. fiz. 31 no. 1:136-137 Jl '56.

MESONS—CAPTURE
Correlation phenomena in K-meson capture. V. B. Beresetskii, I. IA. Pomeranchuk. Zhur. eksp. i teor. fiz. 31 no. 2:350-351 Ag '56.

MESONS—DECAY

New type of disintegration of a heavy meson? O. A. Sakhulov and others. Zhur. eksp. i teor. fiz. 31 no. 1: 167-168 Jl '56.

On the theory of $\pi$-meson disintegration. A. A. Vedenov. Zhur. eksp. i teor. fiz. 31 no. 2:347-348 Ag '56.

MESONS—SCATTERING

Effective cross section of double scattering of mesons on the threshold of the effect. M. T. Sen'kiv. Dop. ta pov. L'viv. un. no. 4, pt. 2:71-72 '53.

Elastic scattering of 310 Mev positive $\pi$-mesons by protons. E. L. Grigor'ev, N. A. Mitin. Zhur. eksp. i teor. fiz. 31 no. 1:37-39 Jl '56.

METABOLISM

Comparison of metabolic intensity in various breeds of chickens with various types of conformation. V. I. Trusov. Fiziol. zhur. 42 no. 5:407-412 My '56.

Effect of thiamine on tissue respiration in hypoxia. F. P. Kosmolinskii. Vop. pit. 15 no. 5:73-75 S-O '56.

Kazakova, O.V. [Practical lessons on the subjects: Organs of digestion. Metabolism] Metodika urokov po temam: Organy pishchevareniia. Obmen veshchestv. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 95 p. (Zaochnaia metodicheskaia konsul'tatsiia)

Present-day questions on the pathology of metabolism in diabetes and obesity. S. M. Lettes. Sov. med. 20 no. 9: 39-44 S '56.

Some data on metabolism in presenile psychoses. T. N. Nedbailova. Fiziol. zhur. [Ukr.] 1 no. 5:88-96 S-O '55.

METABOLISM—CONGRESSES see subdivision under Prague

METABOLISM, DISORDERS OF

Significance of endocrine metabolic disorders in the diagnosis, prognosis, and therapy of tumors of the pituitary. P. V. Epshtein. Vop. netrokhir. 20 no. 5: 49-55 S-O '56.

METAL CRYSTALS

Dispersion formulas used in the quantum optics of solids approaching strong coupling (case of monoclinic crystals). V. I. Cherepanov, T. G. Fervushina. Fiz. met. i metalloved. 3 no. 1:100-100 '56.

Relaxation between electrons and crystal lattices [with English summary in insert]. M. I. Kaganov, I. M. Lifshits, L. V. Tanatarov. Zhur. eksp. i teor. fiz. 31 no. 2:232 Ag '56.

Serial production of monocrystals from melts [with English summary in insert]. B. N. Rushmanov. Zhur. fiz. khim. 30 no. 7:1668-1669 Jl '56.

Using motion-picture techniques for the investigation of the dynamics of domain structures in transformer steel crystals. L. V. Kirenskii, V. D. Dylgerov. Fiz. met. i metalloved. 3 no. 2:210-221 '56.

METAL CUTTING

Comparison of cutting processes used in turning and milling operations. IU. P. Zimin. Nauch. trudy NPI 30:131-136 '55.

Effect of power cutting on steel endurance. G. V. Karpenko, A. I. IAtsiuk. Vest. mash. 36 no. 10:32-34 O '56.

Experimental investigation of the dynamics of high-speed metal cutting in using low-inertia mechanisms. N. F. Kazakov. Nauch. trudy MIPI no. 3:143-169 '55.

Lomachenkov, S. E., ed. [The cutting of metals and the cutting tool; abstracts of articles from foreign journals] Rezanie metallov i rezhushchii instrument; referaty statei iz inostrannykh zhurnalov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 195 p. (Obzor zarubezhnoi tekhniki)

Malalin, A. A. [Surface quality and service characteristics of machine parts] Kachestvo poverkhnosti i ekspluatatsionnye svoistva detalei mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 252 p., illus.

METAL-CUTTING TOOLS see Cutting tools

METAL INDUSTRIES

Eliminate defects in the operation of works councils. L. Novoselov. Sov. profsoiuzy 4 no. 10:57-60 O '56.

Shortcomings in the organization of wages in the "Glavmetallosbyt" system. V. Chernyshov. Sots. trud. no. 10:99 O '56.

METALLIC FILMS

Electron diffraction examination of the characteristics of passive films. V. P. Batrakov, I. A. Ponizovskaia. Izv. AN SSSR. Ser. fiz. 20 no. 7:830-833 Jl '56.

METALLOGRAPHY

Diffusion mobility of atoms during melting and recrystallization of metals. P. L. Gruzin, A. D. Tiutiunnik. Fiz. met. i metalloved. 3 no. 1:70-75 '56.

Effect of lithium, sodium, and potassium nitrates on nickel, copper, dural, and on certain steels. E. I. Gurovich. Zhur. prikl. khim. 29 no. 9:1358-1366 S '56.

The energy of vacancy formation in metals and alloys. S. D. Gertsriken. Fiz. met. i metalloved. 3 no. 2:238-241 '56.

Lattice vacancy formation in metals and alloys. S. D. Hertsriken. Ukr. fiz. zhur. 1 no. 2:193-203 Ap-Je '56.

Method for determining austenitic grain. I. E. Kontorovich, B. M. Voshedchenko. Zav. lab. 22 no. 8:954-955 Ag '56.

Photoelectric apparatus for determining perforations in rolled strip ("from Iron and Steel Eng.," no. 11 '55). Zav. lab. 22 no. 8:1004-1005 Ag '56.

Powder method for the analysis of transformer steel crystals. V. D. Dylgerov. Fiz. met. i metalloved. 3 no. 1:42-46 '56.

Ultrasonic visual indicator for detecting defects in sheet materials (abstract). Zav. lab. 22 no. 8:965-966 Ag '56.

METALLURGICAL FURNACES

Choosing refractories for rotary furnaces for the direct reduction of iron. I. A. Ol'khovskii. Ogneupory 21 no. 6:264-268 '56.

METALLURGICAL PLANTS

(see also subdivision under Ural Mountain region; Zaporozh'ye)

Conference of efficiency workers employed by Ukrainian iron and steel metallurgical plants. A. Robustov. Metallurgy no. 10:39 O '56.

Electrification of railroad transportation in iron and steel plants. E. A. Khokhlov. Stal' 16 no. 9:835-841 S '56.

METALLURGICAL RESEARCH

For concerted action of efficiency experts. G. I. Zhivotinskaia, V. M. Pron'. Metallurg no. 10:1-4 O '56.

Research work at the Stalinsk plant. P. G. Glazkov. Stal' 16 no. 9:851-853 S '56.

METALLURGY

Broadening research in the field of automation is an important task of the advanced technical schools. P. I. Polukhin, D. I. Vasil'ev. Vest. vys. shkoly 14 no. 10: 11-15 O '56.

Dissertations submitted for academic degrees. Lit. proizv. no. 9:3 of cover S '56.

METALLURGY—ABSTRACTS

[Metallurgy; abstracts nos. 11466-13177] Referativnyi zhurnal: Metallurgiia no. 11 N '56.

[Metallurgy; abstracts nos. 13178-14957] Referativnyi zhurnal: Metallurgiia no. 12 D '56.

METALLURGY—BIBLIOGRAPHY see Bibliography—Metallurgy

METALLURGY, PHYSICAL see Physical metallurgy

METALS

Additivity of photoemission and secondary electron emission in metals. L. I. Ekartova. Zhur. tekh. fiz. 26 no. 8:1665-1668 Ag '56.

Determination of the melting point of certain metals at ultrahigh pressure. V. P. Butuzov, M. G. Gonikberg. Zhur. neorg. khim. 1 no. 7:1543-1547 Jl '56.

The extraction of cupferronates of niobium, tantalum and titanium. I. P. Alimarin, I. M. Gibalo. Dokl. AN SSSR 109 no. 6:1137-1139 Ag '56.

Free path length of electrons in liquid and amorphous conductors. A. I. Gubanov. Zhur. tekh. fiz. 26 no. 8: 1651-1656 Ag '56.

Liquation in the ternary system CaO - BaO - $SiO_2$. I. A. Bondar'. Zhur. neorg. khim. 1 no. 7:1539-1542 Jl '56.

Secondary electron emission of copper, germanium and tin in the solid and liquid state. V. G. Bol'shov, V. K. Seleznev. Zhur. tekh. fiz. 26 no. 8:1657-1664 Ag '56.

Theory of galvanomagnetic phenomena in metals. I. M. Lifshits, M. IA. Azbel', M. I. Kaganov. Zhur. eksp. i teor. fiz. 31 no. 1:63-79 Jl '56.

METALS—ANALYSIS

Brief news. Zav. lab. 22 no. 8:922 Ag '56.

Method for spectral analysis of cathode copper for metallic admixtures. V. L. Ginzburg, I. N. Gramenitskii, D. M. Livshits. Zav. lab. 22 no. 8:927-930 Ag '56.

METALS—CORROSION see Corrosion and anticorrosives

METALS—FATIGUE

Korchinskii, I. L. [Calculating fatigue in building structures] Uchet lavlonila ustalosti v stroitel'nykh konstruktsiiakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 71 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. Nauchnoe soobshchenie, no. 25)

METALS—FINISHING

Conference on present-day methods and means for rating surface smoothness. B. S. Davydov. Izm. tekh. no. 4:55 Jl-Ag '56.

Modern methods of obtaining optimum surface smoothness on machine parts. A. E. Gel'fand. Rech. transp. 15 no. 8:26-30 Ag '56.

METALS—HARDENING

Some technological problems in using the electric spark method for strengthening machinery parts. A. V. Poliachenko. Trudy VIM 23:135-158 '56.

METALS—HEAT TREATMENT

Kotov, O. K. [Efficient methods for the chemical and heat treatment of railroad rolling stock component] Ratsional'nye metody khimiko-termicheskoi obrabotki detalei podvizhnogo sostava. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 57 p.

Production of carbonated water for heat treatment plants. A. M. Emel'ianova. Metallurg no. 10:32-35 O '56.

Sadovskii, V. D., ed. [Problems in physical metallurgy and heat treatment of metals; a collection of articles] Problemy metallovedeniia i termicheskoi obrabotki; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 220 p.

METALS—MAGNETIC PROPERTIES

Changes in the magnetic states of magnetically soft materials subjected to action of varying magnetic fields. I. E. Startseva, IA. S. Shur. Fiz. met. i metalloved. 3 no. 1:190-191 '56.

De Haas- Van Alphen's effect for strongly coupled electrons in lattices. G. E. Zil'berman. Fiz. met. i metalloved. 3 no. 1:18-21 '56.

METALS—SPECTRA

Determining metal atom concentrations in d. c. arc plasma burning at lowered pressures. E. I. Nikonova, V. K. Prokof'ev. Opt. i spektr. 1 no. 3:298-301 Jl '56.

Spectrum analysis of pure metals. A. N. Zaidel'. Vest. Len. un. 11 no. 16:29-44 '56.

METALS—TESTING

Effect of friction of the end planes on the energy consumption in compression. V. E. Panin. Fiz. met. i metalloved. 3 no. 1:172-178 '56.

Laws of plasticity. I. N. Vinogradov, IU. I. IAgn. Fiz. met. i metalloved. 3 no. 1:127-134 '56.

Method for determining subsurface defects in metals by means of transverse ultrasonic waves. O. O. Kuz'mina, N. G. Minaev, A. P. Pshenichnikov. Zav. lab. 22 no. 8 943-949 Ag '56.

Temperature mosaics and sudden stresses of the second kind subjected to impact deformations of two-phase metals. G. P. Zaitsev, IU. E. Bondarev. Fiz. met. i metalloved. 3 no. 1:139-145 '56.

Wear of specimens made of same metals and subjected to mutual friction. V. N. Kesheeev. Fiz. met. i metalloved 3 no. 2:369-373 '56.

METALS, POWDERED see Powder metallurgy

METALS, RARE AND MINOR

Moscow. Vsesoluznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Brief instruction on the survey of mineral deposits and the collection of rocks for rare and dispersed elements] Kratkie instruktivnye ukazaniia po revizii mestorozhdenii poleznykh iskopaemykh i kollektsii kamennykh materialov na redkie i rasseiannye elementy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 54 p.

METALS AT HIGH TEMPERATURES

Gas corrosion of austenite steel at high temperatures. E. A. Davidovskaia, L. P. Kestel'. Metalloved. i obr. met. no. 10:29-34 O '56.

METALS AT HIGH TEMPERATURES—TESTING

Determining the mobility (fluidity) of metals. A. A. Presniakov, L. M. Novikova. Lit. proizv. no. 4:26-28 O '56.

METALS AT LOW TEMPERATURES

Limits of elasticity and plasticity of some metals at the temperature range of liquid helium. V. I. Kholkevich. Fiz. met. i metalloved. 3 no. 2:321-325 '56.

Working stainless steels at sub-zero temperatures. (From "Metalworking Production" no. 52, 1955). O. E. Zil'berberg. Metalloved. i obr. met. no. 9:57-58 S '56.

METALWORK

Thermal conditions in the induction heating of metals worked by pressing. M. G. Kogan. Metalloved. i obr. met. no. 9:49-56 S '56.

METASOMATISM see subdivision under Kara-Mazar

METEOR (STEAMER)

Ship rolling on stormy seas; from data obtained by investigating the rolling of the steamer "Meteor" in 1913). L. M. Nogid. Trudy VNIIOSS 6 no. 1:77-89 '53.

METEORITES

Phaëthon's grave. Gleb Golubev. IUn. nat. no. 3:32-34 Je '56.

Some mineral meteorites. I. A. IUdin. Zap. Vses. min. ob-va 85 no. 3:403-408 '56.

METEOROLOGY

(see also subdivision under Antarctic regions)

An appeal of participants of the conference of the workers' activist group of the meteorological service of the U.S.S.R. to all engineers, scientists, observers, workers, and white collar workers of the Soviet Union meteorological service. Meteor. i gidrol. no. 8:3-8 Ag '56.

Important event in the activity of the hydrometeorological service. K. A. Khzmalian. Meteor. i gidrol. no. 8: 61-65 Ag '56.

International award. V. N. Zakharov. Meteor. i gidrol. no. 9:67-68 S '56.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—DICTIONARIES
"Meteorological glossary." S. P. Khromov, L. I. Mamontova. Reviewed by P. N. Tverskoi. Meteor. i gidrol. no. 8:53-57 Ag '56.

METEOROLOGY—OBSERVATIONS see subdivision under Antarctic regions

METEOROLOGY, AGRICULTURAL
(see also subdivision under Uzbekistan)
Directives of the 20th Congress of the Communist Party of the Soviet Union on the sixth five-year plan and tasks of the hydrometeorological service. A. A. Zolotukhin. Meteor. i gidrol. no. 9:3-11 S '56.
Role of meteorological observations in predicting the development of pests and diseases of farm crops. I. IA. Pollakov. Meteor. i gidrol. no. 9:33-36 S '56.

METEOROLOGY IN AERONAUTICS
(see also subdivision under Transcaucasia)
Flight conditions in jet air currents. V. I. Vorob'ev. Vest. Vozd. Fl. 39 no. 6:52-56 Je '56.

METEORS
Flights of bolides. I. A. IUdin, I. A. Gal'perin. Priroda 45 no. 10:111-112 O '56.

METERS, ELECTRIC see Electric meters

METHACRYLIC ACID
Kinetics and mechanism of polymerization initiated by redox systems. Part 2. Polymerization in aqueous solution of methacrylic acid and acrylonitrile in the presence of certain redox systems [with English summary in insert]. T. M. Gritsenko, S. S. Medvedev. Zhur. fiz. khim. 30 no. 7:1513-1520 Jl '56.
Photoelastic effects in copolymer methilmethacrylate and styrene. V. N. TSvetkov, I. A. Krym. Vest. Len. un. 11 no. 16:5-15 '56.
Reactions of the methyl ester of methacrylic acid with magnesium organic compounds. Part 2. Effect of methylmagnesium bromide and ethylmagnesium bromide on methyl methacrylate. A. I. Lebedeva, L. A. Gavrilova, T. B. Serdobintseva. Zhur. ob. khim. 26 no. 9:2436-2439 S '56.
Relaxation dielectric losses in polymethylmethacrylate. G. P. Mikhailov, T. I. Borisova, D. A. Dmitrochenko. Zhur. tekh. fiz. 26 no. 9:1924-1928 S '56.

METHANE
Hydrogen in marsh and other gases. N. V. Borisov and others. Trudy VNIGNI no. 6:165-175 '55.
Interaction of triphenylfluosilane and triphenylchloromethane with diphenylamine in the presence of lithium. V. S. Chugunov. Zhur. ob. khim. 26 no. 9:2474-2475 S '56.
Methylation of pentenes with methyl chloride (Methylation 3-methyl-1-butene, 2-pentene and 1-pentene). V. V. Nesterovskii, A. I. Doladugin, IU. L. Khmel'nitskii. Khim. i tekh. topl. no. 11:15-19 N '56.
Production of acetylene by oxidizing pyrolysis of methane. B. S. Grinenko. Khim. i tekh. topl. no. 10:18-25 O '56.
Research in the synthesis of silicon organic compounds. Part 1. Mechanism of the reaction between methyl chloride and silicon in the presence of copper. A. L. Klebanskii, V. S. Fikhtengol'ts. Zhur. ob. khim. 26 no. 9:[illegible] S '56.

[illegible]anol, water, and [illegible]thers. Zhur. '56.

METHYLATION
Methylation of pentanes with methyl chloride; composition of reaction products of 2-methyl-2-butene methylation. A. I. Doladugin, V. V. Nesterovskii, IU. L. Khmel'nitskii. Khim. i tekh. topl. no. 10:26-31 O '56.
Methylation of pentenes with methyl chloride (Methylation 3-methyl-1-butene, 2-pentene and 1-pentene). V. V. Nesterovskii, A. I Doladugin, IU. L. Khmel'nitskii. Khim. i tekh. topl. no. 11:15-19 N '56.

METHYLENE BLUE
Methylene blue staining of montmorillonite in connection with different pH values of suspensions. T. S. Berlin. Inform. sbor. VSEGEI no. 2:76-78 '55.
Results of staining mixtures of clayey minerals with methylene blue. B. M. Mikhailov. Inform. sbor. VSEGEI no. 2:71-75 '55.
X-ray analysis of methylene blues. G. S. Zhdanov, Z. V. Zvonkova, L. G. Voronisova. Kristallografiia 1 no. 1:61-65 '56.

MEVIUS, APOLLON FEDOROVICH, 1820-1897
A. F. Mevius, first professor in iron and steel metallurgy in the Ukraine. Vop. protzv. stali no. 3:191-197 '55.

MEXICO—ARCHITECTURE
Remarks on Mexican architecture. M. Antiasov. Arkhit. SSSR no. 11:51-56 '56.

MEXICO—ECONOMIC CONDITIONS
Across Mexico. M Kremnev. Nov. vrem. 14 no. 45: 2-25 N '56.

MEXICO—GEOLOGY
Garfias, V.R., and T.C.Chapin. Geology of Mexico. Translated from the Spanish] Geologiia Meksiki. Perevod s ispanskogo IA.M.Sveta. Pod red. F.M.Malinovskogo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 149 p.

MEXICO CITY—GEOLOGY—CONGRESSES
At the congress of geologists. D. I. Shcherbakov. Nauka i zhizn' 23 no. 11:55-57 N '56.
Soviet scientists at the 20th Conference of the International Geological Congress in Mexico. A. A. Amirasla-nov. Izv. AN SSSR. Ser. geol. 21 no. 8:101-106 Ag '56.

MEXICO CITY—UNIVERSITIES AND COLLEGES
Mexico City University. Thomas E. Stimson. Tekh. mol. 24 no. 10:33 O '56.

MEZIN—DWELLINGS
Dwellings on the Mezin site. I. G. Shovkoplias. Krat. soob. Inst. arkheol. AN URSR no. 6:3-12 '56.

MICA see subdivision under Vilyuy Valley

MICHURIN, IVAN VLADIMIROVICH, 1855-1935
Unpublished manuscripts of I. V. Michurin. A. A. Novikov. Agrobiologiia no. 5:156-157 S-O '56.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935—BIBLIOGRAPHY see Bibliography—Michurin, Ivan Vladimirovich, 1855-1935

MICKIEWICZ, ADAM, 1798-1855
Ryl'skii, Maksim. [The poetry of Adam Mickiewicz] Poeziia Adama Mitskevicha. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 85 p.
The translator's art; a new edition of "Pan Tadeusz" translated by M. Ryl'skyi. Mykola Pavliuk. Dnipro 30 no. 11:105-115 N '56.

MICROBIOLOGY
Kolen'ko, E.I. [Practical guide to veterinary microbiology] Rukovodstvo k prakticheskim zaniatiiam po veterinarnoi mikrobiologii. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 223 p. (Uchebniki u uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

MICROLINE
Prevalence of positive microclines. A. N. Kazakov. Zap. Vses. min. ob-va 85 no. 3:433-434 '56.

MICROMETER—REPAIRING
Attachment for lapping micrometer faces. M I. Malakhov. Izm. tekh. no. 4:68-69 Jl-Ag '56.

MICRO-ORGANISMS see subdivision under Caspian Sea; Nero, Lake; Ushchemerova, Lake

MICROPHONE
Magnetic dust catcher for the SDM microphone. A. Manych. Radio no. 10:40 O '56.

MICROWAVE SPECTROSCOPY
Investigating the half-width of the microwave absorption spectral line of ammonia. A. A. Kolosov, L. L. Miasnikov. Opt. i spektr. 1 no. 3:374-377 Jl '56.
Theory of the hyperfine structure of molecular rotation spectra due to nuclear electric 24-pole moments. N. G. Basov, A. N. Oraevskii, K. K. Svidzinskii. Opt. i spektr. 9 Jl '56.

HISTORY
[illegible] Mussulman domination over the economic life of European states in the 8th-10th centuries?" F. I. Himly. "More on Mohammed and Charlemagne." E. Perroy [both in French]. Reviewed by IU. L. Bessmertnyi. Vop. ist. no. 9:178-182 S '56.

MIDDLE EASTERN WAR, 1956
Aggression against Egypt. Nov. vrem. 14 no. 45:16-16 N '56.
Armed aggression against Egypt. Biok. agit. no. 31: 44 N '56.
Declaration of the Soviet government on the armed aggression against Egypt. Nov. vrem. 14 no. 46: insert:1 N '56.
Port Said, November 12. Nikolai Drachinskii. Ogonek 34 no. 47:2 N '56.
Stop the aggression against Egypt. Sovremennik. Nov. vrem. 14 no. 46:5-8 N '56.

MIGNONETTE
Wild mignonette as forage plant. S. O. Illichevskii. Priroda 45 no. 10:116 O '56.

MIGRATION, INTERNAL
(see also subdivision under Siberia)
Welcome! A. Koptelov. Sib. ogni 35 no. 4:3-5 Jl-Ag '56.

MIGRATION OF BIRDS see Birds—Migration

MIKHAILOV—OLD AGE HOMES
A lagging construction. K. Malorova. Sots. obesp. no. 9:35-36 S '56.

MILAN—FAIRS
The Milan fair. Radio no. 9:56-60 S '56.

MILDEW see subdivision under Ufa District

MILITARY AERONAUTICS see Aeronautics, Milita

MILITARY COMMUNICATIONS see Communication tary

MILITARY EDUCATION
(see also subdivision under Bulgaria; Kiev; Rums
Educational work of squadron commanders. 3. W with each man individually. N. S. Barodatov. Ve Vozd. Fl. 39 no. 6:37-40 Je '56.
Heroes of Brest are active members of the All-Uni Volunteer Society for Assistance to the Army, Al Force, and Navy. S. Frolov. Voen. znan. 31 no '56.
Improve sport mastery! Kryl. rod. 7 no. 9:1 S
In training as in battle; photo sketch. A. Morozov, znan. 31 no. 9:4-5 Ag '56.
Strengthen discipline and improve organization. M nikovskii. Voen. znan. 31 no. 9:10 Ag '56.
[The vanguard; sketches of officer specialists in ed tion and training] Idushchie vperedi; ocherki ob ol rakh-masterakh obucheniia i vospitaniia. Moskva, izd-vo Ministerstva obor. SSSR, 1956. 118 p.

[MICROFILM]
Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia aviatsii i flotu. [Aids for primary organizations Volunteer Society for Cooperation with the Army, Force and Navy; a collection of papers] V pomosh porvichnym organizatsiiam DOSAAF; sbornik ma lov. Izd. 2-oe, ispr. i dop. Moskva, 1956. 175 p.
We will fulfill our military duty! Brief notes of m of the All-Union Volunteer Society for Assistance Army, Air Force, and Navy, drafted into the Sov Army. Voen. znan. 31 no. 9:4 S '56.

MILITARY HYGIENE
Conference on problems of health education. A. V Voropai. Voen.-med. zhur. no. 7:93-94 '56.
Health education work of hygienic and epidemiologi laboratories. B. R. Treskunov. Voen.-med. zhu no. 7:71-72 Jl '56.

MILITARY LIFE see Soldiers

MILITARY MEDICINE see Medicine, Military

MILITARY MUSEUMS
Conference on problems in the work of military m N. F. Pil'nikov. Voen.-med. zhur. no. 7:94-95

MILITARY OCCUPATION see subdivision under Ge East

MILK
Biological principles of a high fat content of milk. Korzhuev. Usp. sovr. biol. 42 no. 2: 215-228 S-

MILK—ANALYSIS AND EXAMINATION
(see also subdivision under Ukraine)
Comparison of certain methods of determining asc acid in cow's milk following boiling or pasteuriza V. A. Bogdanova, V. M. Solivanova. Vop. pit. 15 42-46 S-O '56.

MILK SUGAR see Lactose

MILKING MACHINES
Mobile equipment for milking cows. V. Larin. Bi agit. no. 20:36-40 O '56.

MILKY WAY
Polarization of star light, magnetic field, and spi structure of the Galaxy in the vicinity of Sagittarius. G. Shain. Astron. zhur. 33 no. 4:469-47 Ag '56.

MILL AND FACTORY BUILDINGS—LIGHTING
Efficient lighting of areas used for the detection a removal of defects on ingots and billets of ferrou metals. M. V. Vershinin. Ogneupory. Ogneupory no. 6:68-71 '56.

MILLET
(see also subdivision under Komi A. S. S. R.)
Babenkov, I. V. [How to get high yields of millet] K [illegible] vysokii urozhai prosa. [Kuibyshev] Kuiby skoe kn-vo, 1955. 28 p. (DA)

MILLING MACHINERY
Operation of cement-grinding vibration mills. F. Ivenov, V. M. Derlugin. Mekh. stroi. 13 no. 10: O '56.

MILLING MACHINES
Automatization of milling operations. S. A. Goskin Rudenko. Vest. mash. 36 no. 10: 44-46 O '56.

MILLING MACHINES (Continued)
Converting a cantilever milling machine to perform profiling operations. R. K. Duma. Stan. i instr. 27 no. 9:32 S '56.
Device for milling cams. V. N. Shcherbunov. Stroi. i dor. mashinostr. no. 9:28-29 S '56.
Improving the supports of horizontal milling machines. A. F. Rasponin. Stan. i instr. 27 no. 9:32 S '56.

MILLING MACHINES—ATTACHMENTS
Attachment for horizontal milling machines. P. I. Emel'ianov. Stan. i instr. 27 no. 9:33 S '56.

MILLIVOLTMETER
Four systems for measuring the internal resistance of pyrometric millivoltmeters. V. I. Gorelov. Izm. tekh. no. 4:77-79 Jl-Ag '56.

MINE BUILDINGS
Correlation between ground deformation and deformation of structures being undermined. M. V. Korotkov. [Trudy] VNIMI no. 30:49-79 '56.
Design of structures considering irregular settling due to rock displacement. R. A. Muller. [Trudy] VNIMI no. 30:80-134 '56.
Ponomarev, I.P. [Mine construction in Chelyabinsk Basin conditions] Stroitel'stvo shakht v usloviiakh Cheliabinskogo basseina. Moskva, Ugletekhizdat, 1956. 122 p.

MINE DUST see subdivision under Kizel Basin

MINE FIRES see subdivision under Donets Basin

MINE HAULAGE
On the use of dump trucks in mining. S. Popov. Avt. transp. 34 no. 9:6-7 S '56.
The use of high-pressure hydraulic haulage of coal and rock in mines. A. G. Frolov. Ugol' 31 no. 9:9-13 S '56.

MINE MANAGEMENT
Using progressive work organization in mines. V. E. Zenin. Ugol' 31 no. 9:21-25 S '56.

MINE PUMPS
Testing SN-5 and SN-7 rotary hose pumps. M. A. Naidenko. Trudy MGRI 30:35-39 '56.

MINE RAILROADS see subdivision under Kuznetsk Basin

MINE SURVEYING
All-Union conference of mine surveyors. L. A. Krikunov. Ugol' 31 no. 10:47 O '56.
Auxiliary tables for correcting length-incline readings. G. M. Gelashvili. [Trudy] VNIMI no. 30:221-227 '56.
Index of prospecting point density in conformity with the characteristics of the mineral deposit under investigation. A. I. Osetskii. [Trudy] VNIMI no. 30:148-153 '56.
Plumb line behavior in mines. N. A. Krikunov. [Trudy] VNIMI no. 30:154-194 '56.
Suspension of centering and directional plumb bobs in underground theodolite surveys. P. V. Skiba. [Trudy] VNIMI no. 30:228-229 '56.
Trigonometric method of surveying large boreholes. A. A. Fedorovskii. [Trudy] VNIMI no. 30:195-200 '56.

MINE TIMBERING
Reorganize the timber supply for mines. K. G. Karov. Les. prom. 34 no. 10:31 O '56.
Supporting empty blind passes in the back of longwalls using the pillar mining method. D. L. Sal'skii. Ugol' 31 no. 10:22 O '56.
Transporting and handling mine timber. S. Slutskii, V. Shkurin. Les. prom. 34 no. 10:30-31 O '56.

MINE TIMBERING—COSTS
Relation between drift timbering costs and their cross-sections. I. L. Belinskii. Ugol' 31 no. 10:20-21 O '56.

MINE VENTILATION
Fans of the type TSAGI K-06, MGI series for the main ventilation of mines. A. R. Bushol', I. M. Zhumakhov, A. F. Bezrukov. Ugol' 31 no. 9:29-33 S '56.

MINERAL INDUSTRIES see subdivision under Ural Mountain region

MINERAL WATERS
(see also subdivision under Istisu)
Problem of the compound reflex phase in the action of mineral water on exocrine pancreatic secretion. B. M. Kopytin. Fiziol. zhur. 42 no. 8:713-720 Ag '56.

MINERAL WOOL
Changes in the lungs of experimental animals following intratracheal introduction of dust from mineral wool. V. A. Grimailovskaia, V. V. Paustovskaia, A. Kh. Shapovalova. Gig. i san. 21 no. 8:24-29 Ag '56.

MINERALOGICAL SOCIETIES
The Mineralogical Society during the first hundred years of its existence. A. S. Povarennykh. Ocherki po ist. geol. znan. no. 5:3-46 '56.

MINERALOGY
(see also subdivision under Dnieper Lowland; Donets Basin; Moscow University; Okriba; Russian Platform; Siberia)
Alumoferroascharite, a new mineral. D. P. Serdiuchenko. Zap. Vses. min. ob-va 85 no. 3:292-296 '56.
Essence of "colloidal" minerals. D. P. Grigor'ev. Vop. min. osad. obr. 3/4:107-108 '56.
Ferroselite ($FeSe_2$). E. Z. Burlianova. Zap. Vses. min. ob-va 85 no. 3:286-291 '56.
New minerals. 3. E. M. Bonshtedt-Kupletskaia. Zap. Vses. min. ob-va 85 no. 3:373-385 '56.
Professor N. A. Smol'ianinov's book "A practical handbook on mineralogy." Reviewed by D. P. Grigor'ev. Zap. Vses. min. ob-va 85 no. 3:440-443 '56.
Pseudomorphism in sedimentary mineral formation. IU. M. Abramovich. Vop. min. osad. obr. 3/4:80-86 '56.
Some problems of mineral formation in bauxites. S. I. Beneslavskii. Vop. min. osad. obr. 3/4:144-159 '56.
Study of authigenic minerals in sedimentary rocks. D. P. Bobrovnik. Vop. min. osad. obr. 3/4:73-79 '56.
Zavaritskii, A.N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. 1956. 702 p.

MINERALOGY—EARLY WORKS TO 1800 see subdivision under China

MINERALOGY, DETERMINATIVE
Determining minerals on the basis of their solubility in water and acids. I. F. Lobanov. Zap. Vses. min. ob-va 85 no. 3:454-456 '56.
Importance of studying minerals of igneous and metamorphic rocks in order to explain the nature and origin of sedimentary formations. I. A. Preobrazhenskii. Vop. min. osad. obr. 3/4:414-422 '56.

MINERALS IN FOOD
The mineral composition of grain and vegetables in regions where Urov disease was detected. A. M. Kogan, E. N. Vasil'eva. Vop. pit. 15 no. 5:91-92 S-O '56.

MINERALS IN SOIL
Characteristics of mineralization processes in virgin Sierozem soils. O. G. Elkina. Trudy SAGU no. 60:45-68 '54.
Studying the movement and accumulation of phosphorus in the rhizosphere soil [with French summary in insert]. D. M. Kheifets. Pochvovedenie no. 7:49-58 Jl '56.

MINERALS IN SOIL—BIBLIOGRAPHY see Bibliography—Minerals in soil

MINERALS IN THE BODY
Role of various vegetables in mineral metabolism in children. V. I. Gnoevaia and others. Vop. pit. 15 no. 5:77-79 S-O '56.

MINERS—DISEASES AND HYGIENE
Condition of the upper respiratory tract in manganese miners. N. I. Protopopov. Vest. oto-rin. 18 no. 5: 34-38 S-O '56.

MINES AND MINERAL RESOURCES
(see also subdivision under Ukraine; Ural Mountains)
Antropov, P.IA. [Our country's mineral wealth] Bogatstva nashei Rodiny. Moskva, Gos. izd-vo polit. lit-ry, 1956. 94 p.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Brief instruction on the survey of mineral deposits and the collection of rocks for rare and dispersed elements] Kratkie instruktivnye ukazaniia po revizii mestorozhdenii poleznykh iskopaemykh i kollektsii kamennykh materialov na redkie i rasseiannye elementy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 54 p.
Outline history of the development of mining. S. A. Brytov. Trudy MGRI 30:143-150 '56.

MINIATURES (ILLUMINATION OF BOOKS AND MANUSCRIPTS) see Illumination of books and manuscripts

MINING ENGINEERING
Correlation between ground deformation and deformation of structures being undermined. M. V. Korotkov. [Trudy] VNIMI no. 30:49-79 '56.
From the history of Russian mining engineering ("Recollections of a mining engineer" by A. M. Terpigorev. Reviewed by M. P. Tatarinov). Priroda 45 no. 11: 115-117 N '56.
Planning exploratory mining operations in connection with a detailed survey of mineral deposits. V. I. Chistiakov. Trudy MGRI 30:3-52 '56.

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—Mining engineering

MINING MACHINERY
Automatic slope control for mining sinking combines. L. A. Shoikhet. Avtomatyka no. 3:26-46 '56.
Khadzhikov, R.N. [Mining machinery; practical work] Gornaia mekhanika; prakticheskie raboty. Moskva, Ugletekhizdat, 1956. 93 p.

Oscillographic study of the work of loading machines in actual working conditions. N. V. Tikhonov. Trudy MGRI 30:28-34 '56.

MINING MACHINERY—EXHIBITIONS see subdivision under Paris

MINK FARMING
Heat control. E. R. Kar. i zver. 9 no. 5:54 S-O '56.

MINKS—FEEDING AND FEEDING STUFFS
Rationed feeding of high-quality feeds is the basis for high reproductive capacity in fur animals. N. Sh. Perel'dik. Kar i zver. 9 no. 5:30-34 S-O '56.

MINSK—CONCERTS
Minsk. Sov. muz. 20 no. 9:117 S '56.

MINSK—HISTORY
From days gone by. A. Davidovich. Belarus' 13 no. 10 16 O '56.

MINSK—NEWSPAPER AND PERIODICAL CIRCULATION
What to answer our customers? M. Gel'fand. Raspr. pech. no. 9:14 S '56.

MINSK—PRINTING INDUSTRY
Named after IAkub Kolas. D. Markouka. Belarus' 13 no. 10:20 O '56.

MINSK—THEATER—HISTORY
From the literary past. I. Bas. Belarus' 13 no. 10:28 O '56.

MINSK—THEOLOGICAL SEMINARIES
At the Minsk Theological Seminary. Zhur. Mosk. Patr. no. 8:14 Ag '56.

MINSK—TRACTOR INDUSTRY
Hot profession. Boris Ustinov. Sov. otch. no. 5:94-103 S-O '56.

MINSK—WEATHER FORECASTING
The 25th anniversary of the Minsk Weather Bureau. A. G. Bulavko. Meteor. i gidrol. no. 9:68 S '56.

MINSK—YOUTH—CONGRESSES
Preparing for the festival. A. Reznikov. Vozhatyi 32 no. 10:13-15 O '56.

MINT see subdivision under Kazakhstan

MIRCHEV, A.
The anniversary of an engineer Doctor A. Mirchev. P. Silin, I. Lepeshkin, A. Shakin. Sakh. prom. 30 no. 7: 72 Jl '56.

MIRGOROD—FARM MECHANIZATION—STUDY AND TEACHING
Preparation of models in school. D. Donskoi. Prof.-tekh. obr. 13 no. 10:26 O '56.
Technical inventiveness of mechanizers. Prof.-tekh. obr. 13 no. 10:27 O '56.

MISHCHENKO, DMYTRO
Turning the best side of the face to readers ("Sons of the sea"; stories. Dmytro Mishchenko; "Crimean stories". Dmitrii Kholendro. Reviewed by K. Moiseev. Sov. Ukr. 6 no. 10:177-179 O '56.

MISYASH, LAKE—CARP
Transplanting Gammarus lacustris Sars and the larvae of Tendipedidae in trans-Ural lakes. M. L. Grandilevskaia-Deksbakh. Ryb. khoz. 32 no. 9:65 S '56.

MITES
Peculiarities of the metamorphosis of the itch mite Cnemidocoptes mutans. N. T. Litvishko. Sbor. trud. Khar'k. vet. inst. 20:163-176 '40.

MITES AS CARRIERS OF DISEASE
Epidemiological role of the gamasid mites and methods for their control. A. A. Zemskaia, S. T. Boldyrev. Voen.-med. zhur. no. 7:53-58 Jl '56.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956
The bard of the people. I. Naumenka. Belarus' 13 no. 10:12-13 O '56.
IAkub Kolas. Maksim Luzhanin. Neva no. 9:189-191 S '56.
In memory of IAkub Kolas. Sov. otch. no. 5:3-4 S-O '56.

MIXING MACHINERY
Improving the acid liquor mixer. D. M. Bazanov, N. G. Korovin. Gidroliz. i lesokhim. prom. 9 no. 5:22 '56.
Modernized concrete mixers. F. A. Lapir. Stroi. i dor. mashinostr. 1 no. 10:18-21 O '56.
Portable mixer for cheese vats and kettles. D. F. Shakhov. Trudy VNIIS no. 3:86-89 '55.
The S-285A mobile continuous mortar mixer. A. I. Posysaev. Mekh. stroi. 13 no. 10:11-14 O '56.
Selection of a standard massecuite mixer for the sugar industry. M. A. Borkovskii. Sakh. prom. 30 no. 8: 27-31 Ag '56.

MIXING MACHINERY—TESTING
Testing mixers belonging to construction yards. V. D. Mekh. stroi. 13 no. 10:22-23 O '56.

MOCH, JULES, 1893-
Jules Moch: "Contacts are very useful." A. Serbin. Ogonek 34 no. 41:7 O '56

MODELS, FASHION
Medals for the best dress. Taisiia Rivna. Rad. zhin. 11 no. 10:32-3 cr cover O '56.

MODELS, MECHANICAL see Mechanical models

MODULATION (ELECTRONICS)
Single-phase modulation with division of the low-frequency spectra. B. B. Shtein. Elektrosviaz' 10 no. 10:3-11 O '56.

MOGILEV—RADIO CLUBS
In the Mogilev radio club. Radio no. 10:9 O '56.

MOGOL-TAU RANGE—BOTANY
Floristic survey in the vicinity of Leninabad and the Mogol-Tau Range. B. M. Komarov. Trudy AN Tadzh. SSR 36:63-72 '55.

MOGOL-TAU RANGE—BOTANY, ECONOMIC
Economic utilization of wild plants in the vicinity of Leninabad and Mogol-Tau Range. B. M. Komarov. Trudy AN Tadzh. SSR 36:73-82 '55.

MOHAMMEDAN CIVILIZATION see Civilization, Mohammedan

MOHAMMEDAN NUMISMATICS see Numismatics, Mohammedan

MOISTURE
Nomogram for calculating the moisture content of cotton and cotton products. V. K. Korolev. Trudy Inst. energ. AN Uz. SSR no. 4:100-104 '50.
Physical nature of the moisture of raw cotton. V. K. Korolev. Trudy Inst. energ. AN Uz. SSR no. 4:56-82 '50.

MOLASSES
Economic effectiveness of thorough processing of sugar beet molasses. I. I. Rizberg. Spirt. prom. 22 no. 3: 33 '56.
Rapid chromatographic determination of raffinose in fodder molasses. N. P. Silina. Sakh. prom. 30 no. 8: 41-44 Ag '56.

MOLDAVIA—BUILDING BLOCKS
Producing large blocks made of sawed limestone-shell rock using calibrated machines. A. M. Chuvashev. Mekh. stroi. 13 no. 9:24-25 S '56.

MOLDAVIA—COLLECTIVE FARMS
I and my family. K. Kozhevnikova. Sov. Soiuz no. 11: 29-31 N '56.

MOLDAVIA—CORN (MAIZE)
Achievements of Moldavian corn growers. G. IA. Rud', Kukuruza 1 no. 4:1-6 Jl '56.
The youth of Moldavia is striving for high crop yields. A. S. Konstantinov. Kukuruza 1 no. 5:9-10 Ag '56.

MOLDAVIA—DAHLIAS
Nursery for propagating dahlias by seed. N. L. Sharova. Biul. Glav. bot. sada no. 24:103-105 '56.

MOLDAVIA—TOMATOES
Variation in tomatoes as a result of vegetative hybridization. E. P. Okhova. Agrobiologiia no. 5:70-76 S-O '56.

MOLDAVIA—WINE AND WINE MAKING—APPARATUS AND SUPPLIES
What a primary winery should be like in Moldavia. V. F. Litvinov. Vin. SSSR 16 no. 5:5-7 '56.

MOLDAVIAN COMPOSERS see Composers, Moldavian

Parchor as criterium for the structure and state of the molecule [with English summary in insert]. A. E. Lutskii. Zhur. fiz. khim. 30 no. 7:1547-1552 Jl '56.

MOLLUSKS, FOSSIL
(see also subdivision under Mangyshlak Peninsula; Vyselki)
Daniloveskii, I. V. ]Reference lithological and stratigraphic profile of deposits of the Scandinavian glaciation of the Russian Plain, and principal Quaternary molluska] Opornyi litologo-stratigraficheskii razrez otlozhenii skandinavskogo oledeneniia Russkoi ravniny i rukovodiashchie chetvertichnye molliuski. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1955. 201 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 9)
Subfossil complexes of molluska as indicators of the state of lakes during the Holocene. L. S. Kozlovskaia. Trudy Lab. sapr. otl. no. 6:55-64 '56.

MOLODECHNO—COOPERATIVE SOCIETIES
In pursuit of "gross output." P. Karataev. Prom. koop. no. 10:12 O '56.

MOLODOVO (KEL'MENTSY DISTRICT)—ART, PRIMITIVE
Representation of the human figure made during the Upper Paleolithic Age. A. P. Chernysh. Krat. soob. Inst. arkheol. AN URSR no. 6:38-39 '56.

MOLOGA VALLEY—SOILS
Soil cover of the Mologa-Sheksna Basin. A. M. Arkhangel'skii. Uch. zap. Ped. inst. Gerts. 116:159-218 '56.

MOLOTOV PROVINCE—AGRICULTURE—STUDY AND TEACHING
To A. F. Pogodin. S. Vlasov. Sots. obesp. 17 no. 9:43-46 S '56.

MOLOTOV PROVINCE—CORN (MAIZE)
Corn in Molotov Province. P. A. Zasypkin. Kukuruza 1 no. 5:48-50 Ag '56.

MOLOTOV PROVINCE—MOTION-PICTURE PROJECTION
Film showings for lumbermen. Kinomekhanik no. 10:11 O '56.

MOLOTOV PROVINCE—RADIO
Percentage of radio silence. A. Kulik. Radio no. 9:10-11 S '56.

MOLYBDENUM-IRON ALLOYS see Iron-molybdenum alloys

MOLYBDENUM-IRON-CHROMIUM ALLOYS see Iron-chromium-molybdenum alloys

MOLYBDENUM-NICKEL-IRON ALLOYS see Iron-nickel-molybdenum alloys

MOLYBDENUM ORES
Forms of molybdenum occurrence in oxidized ores. L. I. Nikonova. Zap. Vses. min. ob-va 85 no. 3:420-423 '56.

MOMENTS OF INERTIA
Determining the moment of inertia of forces acting upon screw blades. B. I. Mitel'man, G. D. Rozenberg. Trudy VNITOSS 6 no. 1:90-107 '53.
Theory of automatic variable-speed drives operated by the utilization of centrifugal forces of inertia. G. I. Sypchenko. Nauch. trudy NPI 30:83-93 '55.

MONASTERIES see subdivision under Vologda

MONEY see subdivision under Komi A. S. S. R.

MONGOLIA—AMMONOIDEA
Discovery of ammonites in southeastern Mongolia. A. E. Glazunova. Inform. sbor. VSEGEI no. 2:80 '55.

MONGOLIA—EXCAVATIONS (ARCHAEOLOGY)
In the Department of Historical Sciences; report on ancient Mongolian settlements. Vest. AN SSSR 26 no. 10:95-96 O '56.

MONGOLIAN LANGUAGE—GRAMMAR
The basic nominal parts of speech in Mongolian; nouns and adjectives. M. N. Orlovskaia. Krat. soob. Inst. vost. no. 18:56-65 '56.

MONGOLIAN LANGUAGES—GRAMMAR
Traces of grammatical gender in the Mongolian languages. G. D. Sanzheev. Vop. iaz. 5 no. 5:73-74 S-O '56.

MONGOLISM
Use of glutamic acid and characteristics of excretion of certain amino acids in Down's disease. T. N. Volkova, V. Russkikh. Zhur. nevr. i psikh. 56 no. 9:750-756 '56.

MONOCHROMATES
Double monochromator with diffraction gratings. B. A. Kiselev. Opt. i spektr. 1 no. 4:597-599 Ag '56.

MONOTHERMITE
Some considerations on the origin of monothermite refractory clay deposits of the Chasov Yar type and the characteristics of monothermite. A. IA. Mikei. Vop. min. osad. obr. 2:194-203 '55.

MONTAND, YVES 1921-
A telephone call to Yves Montand. Ogonek 34 no. O '56.

MONTMORILLONITE
Methylene blue staining of montmorillonite in conn with different pH values of suspensions. T. S. Be Inform. sbor. VSEGEI no. 2:76-78 '55.

MONUMENTS see subdivision under Kamchatka; L grad

MOON—SURFACE
Comparing the color and the luminosity ratio of di ferent regions of the moon's surface with some t restrial rocks. N. P. Barabashov, A. T. Chekirda Astron. zhur. 33 no. 4:540-565 Jl-Ag '56.

MORALE
Role of moral strength in modern warfare. P. Kas Voen. znan. 31 no. 8:13 Ag '56.

MORDVINIAN A. S. S. R.—TILLAGE
Fall plowing. N. V. Kolesnikov. Zemledelie 4 no. 90-97 O '56.

MOROCCO
Morocco. Blok. nglt. vod. tramp. no. 16:35-43 S

MORPHINE
Effect of paramyon on rigidity in decerebrated anim and on tail spasm induced with morphine. B. M. B Biul. eksp. biol. i med. 42 no. 8:65-67 Ag '56.

MORTAR
Determining the quality of mortars used in building. IU. E. Kornilovich, V. I. Belokhvostikova. Nov. v s tekh. no. 8:22-26 '56.
The S-265A mobile continuous mortar mixer. A. I. Ponyaev. Mekh. stroi. 13 no. 10:11-14 O '56.
Soap stock waste as a new plasticizer. P. E. Drelin Biul. stroi. tekh. 13 no. 9:13-14 S '56.
Strength of mortars and concretes. IU. E. Kornilovi Nov. v stroi. tekh. no. 8:5-21 '56.
Study of the cohesiveness of mortars with stone in masonry work with certain shell limestones from quarries. G. M. Dzhufarov, M. G. Mamedaliev. I Azerb. SSR no. 9:3-16 S '56.
Using cold mortars in plastering. T. G. Kurinnyi. tekh. i pered. op. v stroi. 10 no. 10:13-15 O '56.

MORTAR—TESTING
Improving the quality of mortars used for coating an plastering. G. M. Beliaeva. Nov. v stroi. tekh. no. 20-56 '56.

MOSAICS
Firing fine ornamental ceramics at low temperature K. V. Dazhuk. Nov. v stroi. tekh. no. 6:45-48 '56.

MOSCOW
Third world championship in sport parachuting. P. zinkin. Kryl. rod. 7 no. 9:2-5 S '56.

MOSCOW—AGRICULTURAL EXHIBITIONS
At the All-Union Agricultural Exhibition. I. S. Gorshelev. Tabak 17 no. 3:9-11 '56.
At the All-Union Agricultural Exhibition. Kukuruza no. 5:26-27 Ag '56.
Great honor. M. Teterina. IUn. nat. no. 2:1 My '56.
In the house of the Siberians. S. Ceguzin. Mol. kolkh. 23 no. 9:13-14 S '56.
In the "Volga Valley" pavilion. A. D. Omel'chenko. Sel'khoz. Povol. no. 9:7-13 S '56.
Moscow, Vsesoiuznaia sel'skokhoziaistvennaia vystavk 1954- [Growing potatoes, vegetables, melon and squashes (demonstration plots); guidebook] Kartof fel', ovoshchnye i bakhchevye kul'tury (uchastok eksp natnykh posadok i posevov); putevoditel'. Moskva, Go izd-vo selkhoz. lit-ry, 1956. 23 p. (DA)
Pavilion of the Russian Federation. IUn. nat. no. 3: 2-3 Je '56.
Plant protection exhibit. R. L. Nalnik. Zashch. rast. vred. i bol. 1 no. 4:34-36 S-O '56.
Trip through the exhibition. IUn. nat. no. 3:1 Je '56.

MOSCOW—AGRICULTURAL EXHIBITIONS—VIEWS
[All-Union industrial and agricultural exhibitions] Vsesoiuznye promyshlennaia i sel'skokhoziaistvennaia vystavki. [Moskva, Izogiz, 1956] 12 post cards (in portfolio)

MOSCOW—AGRICULTURE—STUDY AND TEACHING
On the Pioneer Collective Farm. V. Andreev. Smena 33 no. 18:15 S '56.

MOSCOW—APARTMENT HOUSES
Large-panel apartment house of a new design. Arkhit. i stroi. Mosk. 5 no. 10:25-30 O '56.

MOSCOW—ARCHITECTURE—COMPETITIONS
Competition in making standard plans. Arkhit. i stroi. Mosk. 5 no. 10:1-2 O '56.
The honorable task assigned to Soviet architects. Arkhi i stroi. Mosk. 5 no. 9:3 S '56.
In the Council of Ministers of the U. S. S. R. Arkhit. i stroi. Mosk. 5 no. 9:3 S '56.

MOSCOW—ARCHITECTURE—COMPETITIONS (Continued)

In the State committee of the Council of Ministers of the U.S.S.R. on building and the Union of Soviet architects. Arkhit. i stroi. Mosk. 5 no. 9:4 S '56.

MOSCOW—ARCHITECTURE—CONGRESSES

The 5th Congress of the International Union of Architects. Arkhit. SSSR no. 11:57-58 '56.

MOSCOW—ARCHITECTURE—DETAILS

Moscow. Muzei arkhitektury. [Collection of architectural details; Moscow palaces of the 18th century] Al'bomy partikullarnykh stroenii; zhilye zdaniia Moskvy XVIII veka. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 324 p. (chiefly illus.) (Arkhitekturnye al'bomy M. F. Kazakova)

MOSCOW—ART—GALLERIES AND MUSEUMS

Moscow. Gosudarstvennaia Tret'iakovskaia gallereia. [The State Tret'iakov Gallery; a brief historical sketch] Gosudarstvennaia Tret'iakovskaia gallereia; kratkii istoricheskii ocherk. Moskva, Gos. izd-vo "Iskusstvo," 1956, 40 p.

MOSCOW—ART, ENGLISH—EXHIBITIONS

Exhibition of English art. M. Orlova. Iskusstvo 19 no. 6:51-64 '56.

MOSCOW—ART, INDIC—EXHIBITIONS

Exhibition of the art of India. S. Tiulaev. Iskusstvo 19 no. 6:65-70 '56.

MOSCOW—ATOMIC POWER—EXHIBITIONS

Fascinating trip. E. T. Faddeev. Nauka i zhizn' 23 no. 10:37-38 O '56.

MOSCOW—AUTHORS AND READERS

Poetry Day in Moscow. Sov. knizh. torg. no. 10:26 O '56.

MOSCOW—AUTOMOBILES

Baby car. A. Kiriukhin. Nauka i zhizn' 23 no. 11:52 N '56.

MOSCOW—BANDS (MUSIC)

At a concert of band music. Sov. muz. 20 no. 10:123-124 O '56.

MOSCOW—BEARING INDUSTRY

Automatic assembly lines. Ir. Iroshnikova. Ogonek 34 no. 42:4-5 O '56.

The main trend. A. IA. Karlov. Nauka i zhizn' 23 no. 11:35-38 N '56.

MOSCOW—BEAUTY CULTURE

Cosmetics, massage, plastic surgery. A. Sergeev, T. Troitskaia. Ogonek 34 no. 47:24 N '56.

MOSCOW—BOARDING SCHOOLS

First days in Boarding School No. 13. L. E. Moskvina. Nach. shkola 24 no. 11:6-10 N '56.

The Kleimenov brothers at a boarding school. Rabotnitsa 34 no. 11:20-21 N '56.

MOSCOW—BOOKSELLERS AND BOOKSELLING

For wise planning. M. Shvartser. Sov. knizh. torg. no. 8:11-12 Ag '56.

MOSCOW—BOTANICAL GARDENS

Remarkable collection. V. Andichova. IUn. nat. no. 7:29 O '56.

MOSCOW—BUILDING

Building block no. 9 in Novye Cheremushki. Arkhit. i stroi. Mosk. 5 no. 9:32 S '56.

The improvement of the quality of construction is a task of importance to the state. E. Samodaev. Arkhit. i stroi. Mosk. 5 no. 9:16-20 S '56.

In the Executive Committee of the Moscow Soviet. Arkhit. i stroi. Mosk. 5 no. 10:31 O '56.

A new district of Moscow is growing. Arkhit. i stroi. Mosk. 5 no. 9:30-31 S '56.

Reconstruction of Smolensk Square. Arkhit. i stroi. Mosk. 5 no. 9:32 S '56.

MOSCOW—BUILDING MACHINERY—EXHIBITIONS

At the Moscow exhibition of new construction equipment. Stroi. mat., izdel. i konstr. 2 no. 9:23 S '56.

MOSCOW—CARNIVAL

The night of the carnival. Sov. Soiuz no. 11:24 N '56.

MOSCOW—CHECKERS—TOURNAMENTS

Results of the international tournament in Moscow. K. Kuprianov. Shakh. v SSSR 33 no. 9:264-265 S '56.

MOSCOW—CHESS—CONGRESSES

Results of the 27th Congress of the International Chess Federation. Shakh. v SSSR 33 no. 10:289-290 O '56.

MOSCOW—CHESS—TOURNAMENTS

Fewer "Grand Masters" draws. Salo Flor. Ogonek 34 no. 44:32 O '56.

Play as Alekhin used to. S. Flohr. Ogonek 34 no. 43:30 O '56.

Tournament of nations. Salo Flhor. Sov. Soiuz no. 11:36 N '56.

MOSCOW—CHESS CLUBS

Central chess club. Shakh. v SSSR 33 no. 9:257 S '56.

MOSCOW—CHURCHES

The Church of St. John the Warrior in Moscow. N. IAkovlev. Zhur. Mosk. Patr. no. 8:15-17 Ag '56.

MOSCOW—CIRCUS

Animated fables. Maks Polianovskii. Ogonek 34 no. 42:18 O '56.

MOSCOW—CLOCKS AND WATCHES—REPAIRING

Correct time. I. Okunev. Prom. koop. no. 10:8-9 O '56.

MOSCOW—COLLEGE AND SCHOOL DRAMA

Evening of friendship. I. Astrov. Vozhatyi 32 no. 10:22-23 O '56.

MOSCOW—COMMUNIST YOUTH LEAGUE

The people who join the Communist Youth League. L. Lapteva. Vozhatyi 32 no. 10:2-3 O '56.

MOSCOW—CONCERTS

At the All-Union Industrial and Agricultural Exhibition. Sov. muz. 20 no. 9:116 S '56.

Central Park of Culture and Rest. Sov. muz. 20 no. 10:127 O '56.

Past and coming seasons. Liubitel' Muzyki. Sov. muz. 20 no. 9:108-112 S '56.

"Sokol'niki." Sov. muz. 20 no. 10:128 O '56.

Symphony orchestra of Uzbekistan. Sov. muz. 20 no. 10:124-125 O '56.

MOSCOW—CONSTRUCTION INDUSTRY—EXHIBITIONS

School of progressive practice. A. Birlukov. Arkhit i stroi. Mosk. 5 no. 10:8-15 O '56.

MOSCOW—COOPERATION—STUDY AND TEACHING

Freshmen. L. Kaganov. Prom. koop. no. 10:32-33 O '56.

MOSCOW—DEPARTMENT STORES

Kamenov, V.G. [State department store] GUM. Moskva, Goslorgizdat, 1956. 79 p. illus. (DS)

Two hundred thousand purchases in one single day. Ogonek 34 no 44:4 O '56.

MOSCOW—DESCRIPTION

Kandybino villagers in Moscow; excerpts from a diary. Raisa Tikhonova. Sov. zhen. 12 no. 11:45-47 N '56.

Moscow, city of the festival. Smena 33 no. 20:2a-d O '56.

MOSCOW—DISABLED—REHABILITATION, ETC.

Invalids acquire a specialty. M. Shapiro. Sots. obesp. 17 no. 9:32-34 S '56.

MOSCOW—EDUCATION, HIGHER

More attention to evening universities of Marxism - Leninism. F. Suslov. Mosk. prop. 13 no. 10:41-44 O '56.

MOSCOW—ELECTRIC INDUSTRIES

In cooperation with scientists. Nauka i zhizn' 23 no. 11:4 N '56.

MOSCOW—ELECTRIC NETWORKS

Colored lines on the panel. IA. Miletskii. Ogonek 34 no. 43:16 O '56.

MOSCOW—ENGINEERING—EXHIBITIONS

Journey into the world of technology; the All-Union Industrial Exhibition. Ul. Ivrevich. Belarus' 13 no. 10:1-2 O '56.

MOSCOW—ENGLISH LANGUAGE—STUDY AND TEACHING

First district contest for the best translation from English into Russian in the Stalin District of Moscow. L. D. TSesarskii. Inostr. iaz. v shkole no. 5:125-128 S-O '56.

MOSCOW—EXHIBITIONS

All-Union Industrial Exhibition. S. G. Isaev. Tabak 17 no. 9:31-34 '56.

All-Union Industrial Exhibition, 1956., Hall of "Metrology, standards and precise measurements." N. I. Tiurin. Izm. tekh. no. 4:3-16 Jl-Ag 56.

At the All-Union Industrial Exhibition. A. M. Vilenkina. Leg. prom. 16 no. 9:13-16 S '56.

Thinking about the things I have seen; notes on the All-Union Industrial Exhibition. Boris IAmpol'skii. Sov. Ukr. 6 no. 10:106-116 O '56.

MOSCOW—FRUIT CULTURE—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954— ["Fruit culture" pavilion; a guidebook] Pavil'on "Sadovodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.

MOSCOW—FURNITURE—EXHIBITIONS

Moscow exhibit of furniture models. S. B. Sluiskii. Der. prom. 5 no. 10:24 O '56.

MOSCOW—FURNITURE INDUSTRY

In the struggle for cleanliness and good working conditions in industrial plants. A. Makarenko. Prom. koop. no. 10:28 O '56.

MOSCOW—GULLS

A gull in Chistyye Prudy. T. S. Rogalina. Priroda 45 no. 11:113 N '56.

MOSCOW—GYMNASIUMS

The largest hall in the country. B. L'vov. Ogonek 34 no. 41:8 O '56.

MOSCOW—HISTORY

Akademiia nuk SSSR. Institut istorii. [History of Moscow] Istoriia Moskvy. Moskva, 1956. Vol. 6. 1956. (DDO)

Miniatures of the Imperial Book as a source for the history of the Moscow uprising of 1547. S. O. Shmidt. Probl. istoch. no. 5:265-284 '56.

MOSCOW—HORSE RACING

At the sports festival of the peoples of the U.S.S.R. L. Kryzhitskaia. Konevodstvo 26 no. 10:29-35 O '55.

MOSCOW—HORSE SHOWS

Harness horses at the All-Union Agricultural Exhibition. A. Remizov. Konevodstvo 26 no. 10:7-15 O '56.

Harness horses at the All-Union Agricultural Exhibition of 1956. A. Rezizov. Konevodstvo 26 no. 11:23-32 N '56.

MOSCOW—HOSPITALS

Model design for a hospital. Arkhit. i stroi. Mosk. 5 no. 9:32 S '56.

MOSCOW—INFORMATION THEORY—CONGRESSES

Conference on information theory. Radiotekh. i elektron. 1 no. 1:125-127 Ja '56.

MOSCOW—LIBRARIES

Printed cards of the V. I. Lenin Library. V. A. Vasilevskaia, E. A. Novikova. Sov. bibl. no. 43:26-32 '56.

MOSCOW—LIBRARIES, CHILDREN'S

Brief news. Bibliotekar' no. 10:47 O '56.

MOSCOW—LIBRARY SCHOOLS AND TRAINING

Educational work among students. E. TSvetkova. Bibliotekar' no. 11:22-27 N '56.

MOSCOW—MACHINERY INDUSTRY—HYGIENIC ASPECTS

Organizers of healthful work; picture report. A. Krupnov. Zdorov'e 2 no. 10:16-17 O '56.

MOSCOW—MATHEMATICS

Sessions of the Moscow Mathematical Society. Usp. mat. nauk 11 no. 4:169-182 Jl-Ag '56.

MOSCOW—MOTION-PICTURE FESTIVALS

Festival of Armenian motion pictures. Isk. kino no. 9:112-113 S '56.

MOSCOW—MOTION-PICTURE INDUSTRY

From the progressive practice of the M. Gor'kii Studio. Isk. kino no. 9:115-116 S '56.

MOSCOW—MUSIC, INDIC

Masters of Indian art in Moscow. Sov. muz. 20 no. 10:122-123 O '56.

MOSCOW—MUSIC, MONGOLIAN

Mongolian ensemble. Sov. muz. 20 no. 10:125-126 O '56.

MOSCOW—NEWSPAPER AND PERIODICAL CIRCULATION

At the V. I. Lenin Central Stadium. Raspr. pech. no. 9:12-13 S '56.

Carry out your main function. D. Kovalev. Raspr. pech. no. 9:9-10 S '56.

MOSCOW—PAINTINGS, BELGIAN—EXHIBITIONS

Belgian painters. A. Abramova. Ogonek 34 no. 44:2 O '56.

MOSCOW—PAINTINGS, FRENCH—EXHIBITIONS

Moscow. Gosudarstvennyi muzei izobrazitel'nykh isskustv. [French painting of the 19th century; guidebook to an exhibition of pictures from French galleries] Frantsuzskaia zhivopis' XIX veka; vystavka kartin iz sobranii muzeev Frantsii, Putevoditel'. Moskva, Gos. izd-vo "Iskusstvo," 1956. 60 p.

This is France. Nik. Kruzhkov. Smena 33 no. 19:16-17 O '56.

MOSCOW—PAINTINGS, INDONESIAN—EXHIBITIONS

Artists of Indonesia. E. Nikolaeva. Ogonek 34 no. 42:16b-16d O '56.

Exhibition of Indonesian paintings. A. Lazariev. Rad. zhin. 11 no. 10:23 O '56.

MOSCOW—PHARMACY

Experimental data from studies on an aseptic method of preparing some drugs in a Moscow pharmacy. V. A. Martynova. Apt. delo 5 no. 5:20-24 S-O '56.

MOSCOW—PHYSICAL EDUCATION FOR CHILDREN—CONGRESSES

All-Russian conference on physical training in schools. Teor. i prak. fiz. kul't. 19 no. 9:712-715 '56.

MOSCOW—PLAZAS

Plan for the reconstruction of Smolensk Square. V. Gel'freikh. Arkhit. i stroi. Mosk. 5 no. 10:3-7 O '56.

MOSCOW—PRECAST CONCRETE CONSTRUCTION
For high quality and size precision of reinforced concrete products. Stroi. mat., izdel. i konstr. 2 no. 9:18-19 S '56.

MOSCOW—PRINTING INDUSTRY
On the eve of October. Ogonek 34 no. 44:1 O '56.

MOSCOW—PUBLIC BUILDINGS
In cooperation with Czechoslovak architects. Z. Sokolova. Arkhit. SSSR no. 10:27-28 '56.

MOSCOW—RATTLESNAKES
Live rattles, I. Sosnovskii. Ogonek 34 no. 43:32 O '56.

MOSCOW—REVOLUTION, 1917-1921
Documents on October events in Moscow. Mosk. prop. 13 no. 10:14-17 O '56.
October days in Moscow. I. Vasin. Mosk. prop. 13 no. 10:9-13 O '56.

MOSCOW—SEMICONDUCTORS
Scientific and technical conference on semiconductor devices. Radiotekh. i elektron. 1 no. 1:124-125 Ja '56.

MOSCOW—SHOOTING CONTESTS
Skeetshooting at the Sports Festival of the Peoples of the U. S. S. R. A. Burdenko. Okh. i okh. khoz. no. 10: 42-45 O '56.

MOSCOW—SINGERS, TATAR
Concert by Tatar artists. Sov. muz. 20 no. 9:115-116 S '56.

MOSCOW—SLAVIC STUDIES—CONGRESSES
Meeting of the International Committee of Slavicists in Moscow. N. I. Tolstoi. Vop. iaz. 5 no. 5:156-159 S-O '56.

MOSCOW—SOCCER
"The Spartak" style. Lev Kassil'. Ogonek 34 no. 43: 30 O '56.

MOSCOW—SPORTS
Claims of young people. Ihor Zasieda. Zmina no. 10: 20-21 O '56.
Festival of young people. A. Chaikovs'kyi. Pionerita 33 no. 10:24-25 O '56.
It depends on you. Mol. kolkh. 23 no. 10:28-29 O '56.

MOSCOW—STADIUMS
At the V. I. Lenin Central Stadium. Raspr. pech. no. 9: 12-13 S '56.
Communication in the V. I. Lenin Central Stadium. Vest. sviazi 16 no. 9:18-20 S '56.
The great sports arena in the Lenin Central Stadium. Arkhit. i stroi. Mosk. 5 no. 10:22-24 O '56.
[Sports facilities in Moscow] Sportivnaia Moskva. [Moskva] "Fizkul'tura i sport," 1956. (folder)
The V. I. Lenin Central Stadium. N. Kolesov. Oiv. na vop. trud. no. 72:35-44 '56.
What we find on inspecting the open swimming pool and the small sports stadium. A. Kashirskii. Arkhit. i stroi. Mosk. 5 no. 9:10-14 S '56.

MOSCOW—STEEL INDUSTRY
In step with the factory collective. L. Lazarev. Sots. trud. no. 4:121-127 Ap '56.
Using local material in studying the economics of industry. F. Babun. Mosk. prop. 13 no. 10:37-40 O '56.

MOSCOW—STOCK AND STOCKBREEDING—EXHIBITIONS
In the stockbreeders' village. IUn. nat. no. 3:5 Je '56.

MOSCOW—SWIMMING POOLS
What we find on inspecting the open swimming pool and the small sports stadium. A. Kashirskii. Arkhit. i stroi. Mosk. 5 no. 9:10-14 S '56.

MOSCOW—SYMPHONY ORCHESTRAS
The State Symphony Orchestra. N. Nikolaev. Sov. muz. 20 no. 9:95-100 S '56.

MOSCOW—TELEGRAPH STATIONS
Experience with operating subscriber telegraph systems. V. S. Kogan. Vest. sviazi 16 no. 9:15-17 S '56.

MOSCOW—THEATERS
Motion-picture theater in Tekstil'shchiki District. Arkhit. i stroi. Mosk. 5 no. 9:32 S '56.

MOSCOW—THERAPEUTICS—CONGRESSES
At the congress of therapeutists. A. Sinel'nikov. Ogonek 34 no. 43:4 O '56.

MOSCOW—TRACK ATHLETICS
At the All-Union Student Spartakiada. P. Andreev. Leg. atl. no. 10:16-20 O '56.

MOSCOW—TRANSPORTATION, AUTOMOTIVE
Some results of the development of public automotive transport in Moscow. A. Khromov. Avt. transp. 34 no. 9:4-6 S '56.

MOSCOW—WATER-COLOR PAINTING—EXHIBITIONS
Water-color painters of Moscow. M. Klimova. Iskusstvo 19 no. 6:23-25 '56.

MOSCOW—WOMEN—CONGRESSES
At an international seminar. E. Leont'eva. Krest'ianka 35 no. 11:9-10 N '56.
International seminar. Rabotnitsa 34 no. 10:1 O '56.
International Seminar of women. Ogonek 34 no. 40:3 S '56.

MOSCOW—YOUTH—CONGRESSES
Distances have been shortened. Nabikh Rushaidat, Valentin Nedzvetskii. Smena 33 no. 21:2-3 N '56.
Greeting the Sixth World Festival "For Peace and Friendship." Nach. shkola 24 no. 10:1-5 O '56.
Moscow prepares for the festival. Arkhit. i stroi. Mosk. 5 no. 9:32 S '56.
Preparing for the festival. Smena 33 no. 19:0 O '56.
Roads of peace and friendship lead to Moscow. Jacques Denis. Smena 33 no. 21:4 N '56.
Visiting youth in Moscow. V. Zaitsev. Klub 6 no. 10: 16-17 O '56.
What stirs us. V. Pavlov. Mol. komm. 14 no. 10:83-85 O '56.
World Festival of Youth in Moscow. Inostr. iaz. v shkole no. 5:13-16 S-O '56.

MOSCOW, KREMLIN—VIEWS
[The Moscow Kremlin; postcards] Moskovskii Kreml'; komplekt otkrytok. [Moskva] Izogiz, 1956. 15 post cards (in portfolio)

MOSCOW BASIN—COAL GEOLOGY
Stratigraphy and history of the formation of lower Carboniferous deposits of the Moscow Basin (analysis of the structure of deposits of formation cycles and its application). A. E. Ul'mer. Trudy Inst. geol. nauk no. 90:70-73 '47.

MOSCOW BASIN—COAL MINES AND MINING
Combined trades at mines in the Moscow Basin. A. Minevich. Sots. trud. no. 4:92-95 Ap '56.
The progressive rapid mining practices of the Moscow Basin mining brigades should be communicated to all basins. F. IA. Kagan. Ugol' 31 no. 10:4-10 O '56.

MOSCOW BASIN—MINE TIMBERING
Scientific and technical conference on mechanized timbering of longwalls in the Moscow Basin. Ugol' 31 no. 9: 46-47 S '56.

MOSCOW BASIN—PHYSICAL GEOGRAPHY
Some geomorphological characteristics of the southern wing of the Moscow Basin. M. I. Gratzer. Izv. AN SSSR. Ser. geol. 21 no. 9:74-83 S '56.

MOSCOW CANAL
Sementovskii, V. N., and I. I. Fedenko. [Moscow-Astrakhan; a guidebook] Moskva-Astrakhan'; putovoditel'. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 172 p.

MOSCOW PROVINCE—ALFALFA
Obtaining high yields of alfalfa seed in the Moscow region. T. L. Tarasova, G. P. Khrycheva. Biul. Glav. bot. sada no. 24:102-103 '56.

MOSCOW PROVINCE—CHORAL SOCIETIES
Songs of the Moscow region. Al. Abramskii. Sov. muz. 20 no. 10:90 O '56.

MOSCOW PROVINCE—COAL GASIFICATION
"Podzemgaz" near Moscow. V. Pan'kovskii. Nauka i zhizn' 23 no. 11:33-34 N '56.

MOSCOW PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Fruits of formalism. A. Vasil'ev. Mosk. prop. 13 no. 9:66-68 S '56.

MOSCOW PROVINCE—DISABLED—REHABILITATION, ETC.
Tender subjects; what a check of disabled workers' rehabilitation in Moscow Province tells us. Prom. koop. no. 10:5-7 O '56.

MOSCOW PROVINCE—ELECTRIC RAILROADS
Electrification of railroads in the Moscow system. V. Kabanov. Mosk. prop. 13 no. 10:63-66 O '56.

MOSCOW PROVINCE—FLAX
Reconstruction of the Porokhovo Flax Mill. G. Vasil'ev. Len i konop. no. 6:42 Ag '56.

MOSCOW PROVINCE—FRUIT CULTURE
Kobrin, B., ed. [Michurin fruit growers] Sadovody-michurintsy. [Moskva] Moskovskii rabochii, 1956. 266 p. (DA)

MOSCOW PROVINCE—GRAPES
Photosynthesis in some grape varieties under conditions prevailing in Moscow Province. Z. V. Vasil'eva. Biul. Glav. bot. sada no. 24:51-58 '56.

MOSCOW PROVINCE—HORSES
Carry out successfully the wintering of horses. N. Kulagin. Konevodstvo 26 no. 11:6-8 N '56.

MOSCOW PROVINCE—HUNTING
Hunting in the vicinity of Moscow. Okh. i okh. khoz. no. 10:38-39 O '56.

MOSCOW PROVINCE—INDUSTRIES
Let's fulfill the yearly plan ahead of time. O. I. Shchikov. Blok. agit. no. 21:1-10 N '56.

MOSCOW PROVINCE—MACHINERY INDUSTRY—TION STANDARDS
Study profoundly the new wage system. Sots. tr. no. 10:19-22 O '56.

MOSCOW PROVINCE—RADIO
How we obtain lower costs in the radio receptio rediffusion center. V. F. Kuraev. Vest. sviazi no. 9:13-15 S '56.

MOSCOW PROVINCE—SEWAGE IRRIGATION
Year-round sewage irrigation of fields. F. S. Ma Zemledelie 4 no. 10:110-112 O '56.

MOSCOW PROVINCE—SOIL CONDITIONERS
Using processed gumbrin for turf-Podzolic sandy soils of Moscow Province [with French summary insert]. V. N. Dline, L. E. Kumpan. Pochvoved no. 7:108-110 Jl '56.

MOSCOW PROVINCE—STOCK AND STOCKBREED
Let's achieve new successes in the computation b two provinces. P. Tron'ko. Blok. agit. no. 21: N '56.

MOSCOW PROVINCE—VEGETABLE GARDENING
More vegetables. Ogonek 34 no. 42:1 O '56.

MOSCOW UNIVERSITY
Moscow. Universitet. [The jubilee session celebr the 200th anniversary of the University, May 9-1 1955; papers delivered] Iubileinaia nauchnaia ses posviashchennaia 200-letiiu universiteta, 9-13 m 1955 goda; tezisy dokladov. [Moskva] Izd-vo Mo skogo univ., 1955. 1 v. (MH)
Moscow. Universitet. [Moscow university; a brief o of its departments and specialities] Moskovskii un tet; kratkii ocherk fakul'tetov i spetsial'nostei dlia stupaiushchikh v MGU. Pod red. G. D. Vovchenko. skva] 1956. 50 p. (DS)
Scientific session of the S. M. Kirov State University Azerbaijan dedicated to the 200th anniversary of M. V. Lomonosov State University in Moscow. K. Gitul'. Uch. zap. AGU no. 8:95-103 '55.
To the M. V. Lomonosov State University in Moscow Uch. zap. AGU no. 8:9-10 '55.
To the M. V. Lomonosov State University in Moscow its 200th anniversary. Uch. zap. AGU no. 8:7-8 '
To the S. M. Kirov State University of Azerbaijan. zap. AGU no. 8:11-12 '55.

MOSCOW UNIVERSITY—COMPETITIONS
Results of the student contest for the best scientific Vest. mosk. un. 11 no. 6:162-163 Je '56.

MOSCOW UNIVERSITY—HISTORY
"History of Moscow University," vols. I and 2. Reviewed by B. M. Kochakov, L. V. Ivanova, V. T. Ko kov. Vop. ist. no. 9:161-168 S '56.

MOSCOW UNIVERSITY—MINERALOGY
History of mineralogy in Moscow University, in mem of professor IA. V. Samoilov. V. I. Vernadskii. Ot po ist. geol. znan. no. 5:176-187 '56.

MOSCOW UNIVERSITY—PRIZES
Awarding Lomonosov prizes. Vest. Mosk. un. 11 no 161 Je '56.

MOSQUES see subdivision under Bukhara; Khazara

MOSQUITOES—EXTERMINATION
Using insecticide pots for local control of mosquitoes S. S. Degtiarev, O. B. Sakovich. Voen.-med. zhur. no. 7:66-68 Jl '56.

MOSSES
(see also subdivision under Anadyr' Valley; Medved Lake; Soviet Central Asia; Yakutia)
Identity of Drepanocladus brachiatus (Mitt.) Dix. and longifolius (Wils.) Williams. Z. N. Smirnova. Bot. Otd. spor. rast. 11 219-228 Ja '56.
Industiella thianschanica Broth. et C. Müll.; anatomic and morphological description. A. L. Abramova. B mat. Otd. spor. rast. 11 186-191 Ja '56.
Observations of the biology of spore dissemination in leaf mosses. A. S. Lazarenko. Ukr. bot. zhur. 13 no. 3:68-73 '56.

MOTHS
Chemical control of leopard moths. M. A. Antianikov. Zashch. rast. ot vred. i bol. 1 no. 4:55-56 S-O '56.

MOTION
Graphic solution of a problem on the motion of a body varying mass. V. T. Kosilkyn. Trudy Sem. po teor. mash. 15 no. 60:48-51 '56.

MOTION-PICTURE DISTRIBUTION see subdivision unde Altai Territory; Czechoslovakia

MOTION-PICTURE FESTIVALS
(see also subdivision under Cannes; Moscow)
Second festival of motion pictures produced by "Mosfil'm." Isk. kino no. 9:113-114 S '56.

MOTION-PICTURE FILM see Cinematography—Films

MOTION-PICTURE INDUSTRY
(see also subdivision under Korea, North; Moscow; Yalta)
Exchanging of technical information by film supply centers. Kinomekhanik no. 10:36 O '56.

MOTION-PICTURE PLAYS
(see also subdivision under Armenia; Bulgaria; France; Italy)
"Birth of a real person." Kinomekhanik no. 10:46-47 O '56.
"Different fates." Kinomekhanik no. 10:47 O '56.
"Forty-first." Kinomekhanik no. 10:45-46 O '56.
Planned murder. A. Gastev. Isk. kino no. 9:82-88 S '56.
Scenario portfolio of the "Lenfil'm" Studio. Isk. kino no. 9:119-121 S '56.
Special problems in motion pictures (to be continued). A. Romitsyn. Mysteistvo no. 4:15-16 Jl-Ag '56.
A tragedy which isn't revealed. IU. Khanlutin. Isk. kino no. 9:17-28 S '56.
"Various fates." Krest'ianka 35 no. 11:20 N '56.
"White poodle." Kinomekhanik no. 10:47 O '56.

MOTION-PICTURE PLAYS—BIBLIOGRAPHY see Bibliography—Motion-picture plays

MOTION-PICTURE PROJECTION
(see also subdivision under Dobromil' District; Krasnoyarsk Territory; Molotov Province; Nezhin District; Transcarpathia)
Anamorphote attachment for wide-screen projection. A. Lapauri. Kinomekhanik no. 10:31-36 O '56.
Examination questions for motion-picture operators in the first category. Kinomekhanik no. 10:37-41 O '56.
Expedite the supply of spare parts. V. Romanov. Kinomekhanik no. 10:29 O '56.
From collective farm to collective farm. N. Gontsov. Kinomekhanik no. 10:4-6 O '56.
How to use reserve motion-picture projection apparatus correctly. Kinomekhanik no. 10:28 O '56.
Improve motion-picture projection continuously. V. Vifliantsev. Kinomekhanik no. 10:26-28 O '56.
Motion-picture equipment for rear projection with a shortened pit. D. Bruskin. Kinomekhanik no. 10:17-23 O '56.
Portable motion-picture equipment used for films accompanying lectures. A. Bukharov. Kinomekhanik no. 10:24-25 O '56.
Sazhin, L. I. [Current supply for stationary motion-picture installations] Elektropitanie statsionarnykh kinoustanovok. Moskva, Gos. izd-vo "Iskusstvo," 1956. 182 p. (Biblioteka kinomekhanika)

MOTION-PICTURE PROJECTORS
Innovators' suggestions. Kinomekhanik no. 10:42-43 O '56.
What our readers write about the stationary motion-picture projector for 16mm. films. Kinomekhanik no. 10:30 O '56.

MOTION-PICTURE THEATERS
Motion-picture theater plans submitted for the competition. IA. Kornfel'd. Arkhit. SSSR no. 11:17-22 '56.

MOTION PICTURES
(see also subdivision under India; Italy)
Against stylistic disharmony. T. Trifonova. Isk. kino no. 9:3-16 S '56.
Bernard Shaw and the cinema. Ch. Avenarius. Isk. kino no. 9:99-107 S '56.
Bernard Shaw's questionnaire. Isk. kino no. 9:107-109 S '56.
The forty first. Evgenii Kriger. Ogonek 34 no. 44:16 O '56.
In a few lines. Isk. kino no. 9:110-121 S '56.
Radio enthusiasts. A. Makushkin. Radio no. 10:63 O '56.
Readers about screenplays. Isk. kino no. 9:89-92 S '56.
We will meet with Korchagin again. B. Zorin. Smena 33 no. 16:4 S '56.

MOTION PICTURES—HISTORY
In the Institute of the History of Art of the Academy of Sciences of the U. S. S. R. Isk. kino no. 9:116-118 S '56.

MOTION PICTURES—PRODUCTION AND DIRECTION
Attention! They are shooting a film here. V. Kovalenko. Vozhatyi 32 no. 10:8-9 O '56.

MOTION PICTURES, DOCUMENTARY
Organize motion-picture showings. Klub 6 no. 10:11 O '56.
Science films for the general public. Kinomekhanik no. 10:1-3 O '56.
"The silent world." Roger Gulbert. Mel'mira no. 9:16-17 '56.

MOTION PICTURES, MUSICAL see subdivision under Georgia

MOTION PICTURES IN AGRICULTURE
Agricultural films recommended for rural showing. Kinomekhanik no. 10:supplement:24a-d O '56.
Popular science color film. M. D. Kamenskii. Zashch. rast. ot vred. i bol. 1 no. 4:61 S-O '56.

MOTION PICTURES IN EDUCATION
The daylight motion-picture screen in the school. R. I. Novitskii. Sov. pedag. 20 no. 11:63-70 N '56.
Motion pictures in the classroom. N. Z. Uritskii, N. V. Arnol'd. Nach. shkola 24 no. 10:40-42 O '56.

MOTION PICTURES IN INDUSTRY
Using motion-picture techniques for the investigation of the dynamics of domain structures in transformer steel crystals. L. V. Kirenskii, V. D. Dylgerov. Fiz. met. i metalloved. 3 no. 2:216-221 '56.

MOTION PICTURES IN SPORTS
In the All-Union Committee of Physical Education and Sports. Isk. kino no. 9:121 S '56.
"Running technique." G. Dolgopiatov. Leg. atl. no. 9: 18-19 S '56.

MOTOR PSYCHOLOGY see Movement, Psychology of

MOTORBOATS
"Motorboating; instructions for drivers." IU. V. Emel'ianov and others. Reviewed by I. N. Tikhomirov. Teor. i prak. fiz. kul't. 19 no. 9:698-699 '56.

MOTORBUS LINES see subdivision under London

MOTORBUSES
New bus models must answer the demands of operation and repair. G. Malyshev. Avt. transp. 34 no. 9:24 S '56.

MOTORBUSES—TRANSMISSION DEVICES
Hydraulic torque converter for motorbuses. A. A. Tokarev, A. A. Gol'breikh. Avt. trakt. prom. no. 9: 7-12 S '56.

MOTORCARS see Railroad motorcars

MOTORCYCLE RACING
(see also subdivision under Leningrad)
Radio communication in motorcycle competitions. G. Grigor'ev. Radio no. 9:12 S '56.
Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu. [Rules of the all-Union motorcycle competitions for the 1956 single and team championship of the Volunteer Society for Cooperation with the Army, Air Force and Navy of the U.S.S.R. (cross-country race)] Polozhenie o vsesoiuznykh sorevnovaniiakh po mototsikletnomu sportu na lichno-komandnoe pervenstvo DOSAAF SSSR v 1956 godu (Kross).

MOTORCYCLES
New sports and racing motorcycles abroad. I. G. Zotov. Teor. i prak. fiz. kul't. 19 no. 10:793-796 '56.

MOTORCYCLES—REPAIRING see subdivision under Ufa

MOTORTRUCKS
[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no. 11 N '56.
Universal railroad crane motorcar. A. I. Zotov. Elek. sta. 27 no. 9:49-50 S '56.

MOTORTRUCKS—REPAIRING
[Series on repairing tractors, agricultural machinery, and trucks.] Remont traktorov, sel'khozmashin i avtomobilei no. 11 N '56.

MOTORTRUCKS—TESTING
Results of the U. S. S. R.'s superiority in automobile cross-country competition. A. Sabinin. Avt. transp. 34 no. 9:27-28 S '56.

MOTORTRUCKS—WINDOWS AND WINDSHIELDS
Device for heating truck windshields. G. Koviun. Avt. transp. 34 no. 9:30 S '56.

MOUNT YAKSON, KOREA
On the eastern summit of Yakson. Kim Chan-sik. Nov. Kor. no. 3:20-31 Mr '56.

MOUNTAIN ROADS see subdivision under Georgia

MOUNTAIN WARFARE
Ground support action by attack airplanes on objectives in mountain combat. L. M. Shishov. Vest. Vozd. Fl. 36 no. 5:9-11 My '56.

MOUNTAINEERING
(see also subdivision under Caucasus; Caucasus, Northern; Muztagh Ata Range; Pamirs)
Maleinov, A. A. [Mountaineering] Al'pinizm. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 280 p.
Toward the highest summits of the world. P. S. Rototaev. Teor. i prak. fiz. kul't. 19 no. 9:700-705 '56.

MOUNTAINS see subdivision under Yakutia

MOVEMENT, PSYCHOLOGY OF
Physiological characteristic of a motor impulse described by the method of neural anastomosis. V. M. Kas'ianov. Uch. zap. MGPI 84:17-29 '55.

MOVEMENT DISORDERS
Rheumatic encephalitis with a hyperkinetic syndrome in children. A. P. Kutsemilova. Zhur. nevr. i psikh. 56 no. 9:703-708 '56.

MOVSESIAN, ALEKSANDR MINASOVICH, 1858-1935
Prerevolutionary Baku in the works of Al. Shirvanzade, E. Nuralov. Stud. nauch. sbor. ERPI no. 3:51-72 '55.

MOZYR DISTRICT—STOCK AND STOCKBREEDING
A "Red corner" on every farm. IA. Barskii, S. Guterman. Komm. Bel. 29 no. 10:50-51 O '56.

MUDROV, MATVEI IAKOVLEVICH, 1776-1831
Matvei IAkovlevich Mudrov; on the 180th anniversary of his birth and the 125th anniversary of his death. I. IA. Geizer. Med. sestra 15 no. 9:26-29 S '56.

MUKHACHEV, IL'IA ANDREEVICH, 1898-
Native land of a poet; Il'ia Mukhachev's works. Sib. ogni no. 4:169-179 Jl-Ag '56.

MUL'TANOVSKII, IAKOV IAKOVLEVICH, 1857-1906
Outstanding naval surgeon IA. IA. Mul'tanovskii; on the 50th anniversary of his death. G. N. Toporov. Voen.-med. zhur. no. 7:91-92 Jl '56.

MULTIPLE SCLEROSIS
Biological diagnosis of multiple sclerosis. S. A. Rempel'. Zhur. nevr. i psikh. 56 no. 8:631-633 '56.
Problem of atypical forms of multiple sclerosis. M. I. Konchakova, T. B. Shubova. Zhur. nevr. i psikh. 56 no. 6:634-637 '56.
Sensory disorders in multiple sclerosis. A. B. Rogover. Zhur. nevr. i psikh. 56 no. 8:638-644 '56.

MUNICIPAL ART see Art, Municipal

MUNICIPAL BUILDINGS
Effect of building construction on heating expenditures. N. Vlazkov. Zhil.-kom. khoz. 6 no. 5:15-16 '56.

MUNICIPAL SERVICES
Brief news. Zhil.-kom. khoz. 6 no. 5:31-32 '56.
Daily concern for the development of communal housing and organization of public services. Zhil.-kom. khoz. 6 no. 5:1-4 '56.
[Manual on communal economy] Spravochnik po kommunal'nomu khoziaistvu. Pod obshchei red. A. E. Stramentova. Kiev, Gos. izd-vo tekhn. lit-ry USSR.
Pt. 2. 1956. 822 p.
The most important thing in planning an apartment house is the creation of communal services. R. Savenkov. Arkhit. SSSR no. 11:59-60 '56.
Organization of communal services in a residential block. L. Kiselevich, I. Rabinovich. Arkhit. SSSR no. 10:15-18 '56.
Ways of eliminating excesses in designing. IU. Leshchinskii. Zhil.-kom. khoz. 6 no. 5:13-14 '56.

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MURGAB VALLEY—COSTUME, KIRGHIZ
Materials on the clothing of the Kirghiz of the Murgab Valley. IU. A. Shibaeva. Krat. soob. Inst. etn. no. 25: 26-41 '56.

MURICIDAE see subdivision under Black Sea

MURMAN COAST
Chernovskaia, E.N. [Hydrological and hydrochemical characteristics of the littoral zone of the eastern Murman Coast and the White Sea] Gidrologicheskie i gidrokhimicheskie uslovlia na litorali Vostochnogo Murmana i Belogo moria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 113 p.

MURMANSK—SHIPS—MAINTENANCE AND REPAIR
Reorganization of work of ship repair workers. N. Smirnov. Biok. agit. vod. transp. no. 19:25-31 O '56.

MURMANSK PROVINCE—BOTANY
[Flora of Murmansk Province] Flora Murmanskoi oblasti. Moskva, Izd-vo Akademii nauk SSSR.
No. 3. 1956. 449 p.

MURYGINO—CULTURE
City culture in the village. A. Vasil'ev. Mol. komm. 14 no. 10:87-90 O '56.

MUS'AB IBN AL-ZUBAIR, b. 855
The black dirhems of Mus'ab. M. E. Masson. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7:175-196 '55.

MUSCLE
Physiological characteristic of a motor impulse described by the method of neural anastomosis. V. M. Kas'ianov. Uch. zap. MGPI 84:17-29 '55.

MUSCLE—TRANSPLANTATION
Technic of cutting out flaps from the sartorius muscle [with summary in English, p. 158]. V. I. Gvindzhiliia. Vest. khir. 77 no. 9:28-31 S '56.

MUSCLE—TRANSPLANTATION (Continued)

Topographicoanatomical principle of muscular tampons in femoral cavities [with summary in English, p. 159]. G. U. Ostapenko. Vest. khir. 77 no. 9:32-36 S '56.

MUSCLES

Analysis of the mechanism of the adaptation-trophic effect of the sympathetic nervous system on the skeletal muscles. IA. B. Lekhtman. Fiziol. zhur. 42 no. 9:779-787 S '56.

Effect of dynamic work on muscle capacity in man at various ages. O. F. Maksymova. Fiziol. zhur. [Ukr.] 1 no. 4:64-69 Jl-Ag '55.

Experimental data on Sechenov's phenomenon in dynamic activity. Report no. 1: Types of modifications in the capacity of muscles following passive and active interruptions. I. M. Trakhtenber, I. V. Savitskii. Biul. eksp. biol. i med. 42 no. 8:12-15 Ag '56.

Proper muscular apparatus of analysors; with reference to simple orientation reflexes. D. G. Kvasov. Fiziol. zhur. 42 no. 8:621-631 Ag '56.

Some data on features of the effect of gastric receptors on the chronaxy of skeletal muscles. S. E. Ginzburg. Fiziol. zhur. 42 no. 8:704-712 Ag '56.

Training athletes to relax muscles in order to increase their sports efficiency. I. V. Lovitskaia. Teor. i prak. fiz. kul't. 19 no. 9:670-677 56.

MUSCLES—INNERVATION

Mutual relationship of the sciatic nerve and pyriform muscle. S. A. Gasanov. Uch. zap. AGU no. 6:53-56 '55.

MUSCOVITE

Oriented crystallization of potassium iodide and bromide on muscovite. I. E. Kamentsev. Kristallografiia 1 no. 2:240-243 '56.

MUSHROOMS

(see also subdivision under China)

Feeding mushrooms to fur-bearing animals. A. I. Natimov. Kar. i zver. 9 no. 5:60 S-O '56.

Gromov, N. [Raise mushrooms] Vyrashchivaite shampin'ony. [Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955] folder. (DA)

MUSIC

(see also subdivision under Cesis District; Europe, Eastern; Petrozavodsk; Philippines; Yugoslavia)

Brief news. Sov. muz. 20 no. 9:156-158 S '56.

Brief news. Sov. muz. 20 no. 10:156-159 O '56.

Letters from abroad. Sov. muz. 20 no. 10:141-143 O '56.

Letters to the editor. Sov. muz. 20 no. 9:159 S '56.

Music and life. An. Novikov. Sov. muz. 20 no. 10:3-11 O '56.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—HISTORY AND CRITICISM

Frankness without "figures of omission." L. Vinokur. Sov. muz. 20 no. 10:56-58 O '56.

From V. Stasov's unpublished letters. Sov. muz. 20 no. 10:91-96 O '56.

To dispute about taste educates taste educates taste. A. A. Chernov. Neva no. 10:167-170 O '56.

Trends in foreign music. G. Shneerson. Sov. muz. 20 no. 9:120-125 S '56.

Vital problems in our criticism. IU. Keldysh. Sov. muz. 20 no. 10:47-55 O '56.

What the review of young composers showed. N. Brodianskaia, S. Ziv. Sov. muz. 20 no. 9:32-38 S '56.

MUSIC—INSTRUCTION AND STUDY

Develop a feeling for beauty. B. Nikol'skii. Neva no. 9:11 S '56.

What's wrong with the "figure" system? N. Moreva. Klub 6 no. 10:15 O '55.

...under China; Germany, East; ...nia; United States)

...Sov. muz. 20 no. 10:130-131 O '56.

...AND AESTHETICS

...individualism in music. I. Lia... no. 4:19-23 Jl-Ag '56.

...Choral music

...STORY AND CRITICISM

...usic ("The Estonian S. S. R.," ...ed by O. Tuisk, A. Loo). Sov. muz. ...'56.

...livision under Moscow

...s on Kazakh music ("Musical ...n." Reviewed by IU. Khokhlov). ...153 S '56.

...ee subdivision under Moscow

...GS, ETC.) see subdivision under

MUSIC, RUMANIAN see subdivision under Peiping

MUSIC, YUGOSLAVIAN see subdivision under Peiping

MUSIC FESTIVALS see subdivision under Naples; Peiping; Voronezh; Warsaw

MUSICAL CRITICISM

Adherence to principles in criticism. A. Sokhor. Sov. muz. 20 no. 9:39-47 S '56.

MUSKRATS

Muskrats and waterfowl. A. Shilo. Okh. i okh. khoz. no. 10:23-24 O '56.

MUST—ANALYSIS

Method for the fixation of fermenting must for analysis. L. V. Tiurina. Vin. SSSR 16 no. 5:10-21 '56.

Methods of determining organic acids in must and wine. A. K. Rodopulo. Vin. SSSR 16 no. 5:9-12 '56.

MUYUN-KUM—PHYSICAL GEOGRAPHY

Division of Muyun-Kum into physical geographical regions. G. A. Belosel'skaia. Vop. geog. no. 30:168-178 '56.

MUZTAGH ATA RANGE—MOUNTAINEERING

Assault on the Muztagh Ata summit. Yang K'e-hsien. Nar. Kit. no. 19:32-35 O '56.

The Muztagh Ata summit has been subjugated. Kitai no. 10:6-9 O '56.

MYCOLOGY see Fungi

MYCORHIZA

(see also subdivision under Kanev District)

Fungus diseases and mycorhiza of the main tree varieties of West Kazakhstan Province. S. R. Shvartsman, N. M. Leonova. Trudy Inst. bot. AN Kazakh. SSR 1:146-176 '55.

Mutual relationship of fungi and higher plants in mycorhiza. N. P. Gorbunova. Usp. sovr. biol. 42 no. 2:160-174 S-O '56.

MYKOLAENKO, MYKOLA

Their names will not die ("In the line of fire." Mykola Mykolaenko. Book review). Druzh. nar. no. 10:182-183 O '56.

NAKHABIN, V.

The Ukrainian composer V. Nakhabin. M. Karminskii. Sov. muz. 20 no. 10:24-30 O '56.

NALCHIK—TAILORING

Let us drop into a custom tailor shop. G. D'iachenko. Prom. koop. no. 10:10-11 O '56.

NALCHIK—TRANSPORTATION, AUTOMOTIVE

Efficiency innovators of the Nalchik automobile passenger transport enterprise. K. Konovalov. Avt. transp. 34 no. 9:19-20 S '56.

NAMES, FICTITIOUS see Anonyms and pseudonyms

NAMES, GEOGRAPHICAL see subdivision under Latvia; Pskov Province

NAPHTHACENE

Infractions of excitation energy transfer of naphthacene in anthracene solid solutions. A. N. Faidysh, I. IA. Kucherov, A. A. Terskii. Opt. i spektr. 1 no. 3:403-408 Jl '56.

NAPHTHALENE

Alkylation of naphthalene by unsaturated hydrocarbons contained in cracked gasoline. IU. G. Mamedaliov, Sh. T. Akhmedov. Uch. zap. AGU no. 1:23-32 '55.

Determination of the distribution coefficient of deuterium in isotopic hydrogen exchange between naphthalene and deuterium bromide [with English summary in insert]. I A. M. Varshavskii and others. Zhur. fiz. khim. 30 no. 7:1647-1651 Jl '56.

Method for indicating unoxidized naphthalene in reactors for its oxidation to phthalic anhydride. G. P. Kornelchuk. Zav. lab. 22 no. 8:920 Ag '56.

NAPHTHALENE—SPECTRA

On McClure's and Schnepp's article. V. L. Broude, A. F. Prikhot'ko. Opt. i spektr. 1 no. 1:102-103 My '56.

NAPHTHALENEDICARBOXYLIC ACID

Research in the stereochemistry of cyclic compounds. Part 13. Synthesis and stereochemistry of isomeric decalin-1, 2-dicarboxylic acids. I. N. Nazarov, V. F. Kucherov, V. M. Andreev. Izv. AN SSSR. Otd. khim. nauk no. 9:1091-1101 S '56.

NAPHTHENES

Study of the composition of naphthenes in the kerosine fraction of the Tuimazy (Devonian) petroleum. A. V. Topchiev and others. Izv. AN SSSR. Otd. khim. nauk no. 9:1109-1119 S '56.

NAPHTHENES—SPECTRA

Optical method in hydrocarbon research. Part 9. Raman spectra of certain naphthenes. P. A. Bazhulin and others. Izv. AN SSSR. Otd. khim. nauk no. 9:1130-1134 S '56.

NAPHTHOL

Research in azomethine dyes. Part I. Color of certain indoaniline dyes, derivatives of α-naphthol, containing substituents in the naphthalene ring. B. S. Porinata, and others. Zhur. ob. khim. 26 no. 9:2537-2546 S '56.

NAPLES—MUSIC FESTIVALS

Brief inter. Sov. muz. 20 no. 10:146 O '56.

NAROFOMINSK—HOUSING

Impartially. Rabotnitsa 34 no. 11:20-30 N '58.

NARVA HYDROELECTRIC POWER STATION

Narva Hydroelectric Power Station. [by A. A. Berezin, S. L. Trauberberg, IU. M. Dopengauz, Elektricheskie sta... no. 9:1-6 S '56.

NASOPHARYNX—TUMORS

Amyloid tumor of the nasopharynx. T. V. Kolina. Vestn. oto-rin. 18 no. 5:129 S-O '56.

NATANSON, ISIDOR PAVLOVICH, 1906-

Isidor Pavlovich Natanson; on the occasion of the 50th anniversary of his birth. L. V. Kantorovich, D. K. Faddeev. Usp. mat. nauk 11 no. 4:191-196 Jl-Ag '56.

NATIONAL COUNCIL OF THE CHURCHES OF CHRIST IN THE UNITED STATES OF AMERICA—RELATIONS WITH ORTHODOX EASTERN CHURCH

The delegation of representatives of the Christian churches has left for Moscow. Zhur. Moskv. Patr. no. 7:15 Jl '56.

Departure of the Russian Christian church leaders' delegation for the United States. Zhur. Moskv. Patr. no. 14-15 Jl '56.

Return of the church delegation to Moscow. Zhur. Moskv. Patr. no. 7:15 Jl '56.

NATIONAL PARKS AND RESERVES

(see also subdivision under Tajikistan)

Academy of Sciences and conservation of nature. K. K. Shaposhnikov. Okhr. prir. i zapov. delo v SSSR no. 1:117-128 '56.

Reserves and conservation of nature. M. E. Kolosov. Okhr. prir. i zapov. delo v SSSR no. 1:105-116 '56.

NATIONALISM see subdivision under Asia, Ukraine

NATIONALITIES

(see also subdivision under Czechoslovakia, Russia, Northern)

V. I. Lenin on the nationalities question and colonialism. S. Imashev. Kommun. Kazakh. 36 no. 10:42-48 O '56.

NATURAL GAS see Gas, Natural

NATURAL HISTORY see subdivision under Transcaucasia

NATURAL RESOURCES

(see also subdivision under Siberia; Soviet Far East; Ukraine)

Brief news. Okhr. prir. i zapov. delo v SSSR no. 1:120-133 '56.

NATURAL RESOURCES—CONGRESSES see subdivision under Edinburgh

NATURAL SCIENCE see Science

NATURE PHOTOGRAPHY

Hunting with a camera. E. Plotnikovskii. IUn. nat. no. 7:13-19 O '56.

NATURE STUDY

"Advice for the amateur naturalist." Reviewed by M. Iskrin. IUn. nat. no. 7:17 O '56.

Calendar of nature. N. N. Plavil'shchikov. IUn. nat. no. 7:2 of cover O '56.

Friendship among young naturalists of different countries. L. Moskvina. IUn. nat. no. 3:10-11 Je '56.

How we familiarized children with their environment. F. D. Kuznetsova. Doshk. vosp. 29 no. 10:30-33 O '56.

Nature calendar. IUn. nat. no. 2:28 My '56.

Nature calendar. N. N. Plavil'shchikov. IUn. nat. no. 3:20 Je '56.

On the threshold of a great life. N. Golyshev. IUn. nat. no. 3:8-9 Je '56.

Small incidents. Vokrug sveta no. 10:61 O '56.

Work organization in a living-nature corner. Z. N. Zubareva. Nach. shkola 24 no. 10:29-32 O '56.

Zavitaev, P.A. [Observations and experiments in natural science for elementary schools; teacher's manual] Nabliudeniia i opyty po estestvoznaniiu v nachal'noi shkole; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 111 p.

NAUTICAL ASTRONOMY

Systematic errors in the apparent horizon dip measured by inclinometer and their effect on the accuracy of a vessel's astronomical position. K. Kazanskii. Mor. flot 16 no. 7:20-21 Jl '56.

NAUTICAL INSTRUMENTS

Plane table to determine the course and speed of an oncoming vessel. N. Frolov. Mor. flot 16 no. 10:14 O '56.

NAVAL ARCHITECTURE

About a certain formula of power. A. E. Egorov. Trudy VNITOSS 6 no. 1:64-76 '53.

Calculating the strength of deck coverings with transverse framing. I. I. Trianin. Trudy VNITOSS 6 no. 1:51-58 '53.

NAVAL ARCHITECTURE (Continued)
Krylov, A.N. [Collected works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 9. [Ship theory] Teoriia korablia.
Pt. 2. 1949. 313 p.

NAVAL ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Naval architecture

NAVAL ARCHITECTURE—TABLES, CALCULATIONS, ETC.
Determining the first approximation of the displacement of a ship. IU. A. Makedon. Trudy VNITOSS no. 1:108-118 '53.

NAVAL EDUCATION
Happy sailing, friends! V. Slashchev. Voen. znan. 31 no. 9:24 S '56.
Youthful sailors. K. Lapshin. Voen. znan. 31 no. 8:21 Ag '56.

NAVIES see subdivision 'Navy' under Germany, West; Korea, North; Russia

NAVIGATION—TABLES
Direction finding by sector radio beacons with the help of "TVA-52" tables. A. Gamov, M. Gavriuk. Mor. flot 16 no. 7:18-19 Jl '56.

NAVIGATION (AERONAUTICS)
Determining the wind on a NL-6 from the drift angle and the ground speed. N. Pimenov. Grazhd. av. 13 no. 6:12-13 S '56.
New means of air navigation. V. IU. Polink. Vest. Vozd. Fl. 39 no. 6:41-43 Je '56.
Selecting the flight course and profile of a bomber. T. A. Terekhin. Vest. Vozd. Fl. 39 no. 6:31-36 Je '56.
Space orientation. A. P. Popov. Vest. Vozd. Fl. 39 no. 5:49-52 My '56.

NAVIGATION, INLAND see Inland navigation

NAVIGATION, RADAR IN see Radar in navigation

NAVIGATION, STEAM see subdivision 'Steam navigation' under Lena River

NAZARENKO, NIKOLAI
Nikolai Nazarenko. Mast. ugl. 5 no. 8:13 Ag '56.

NAZAROV, I.
Siera people of the Yenisey ("Skipper Gorlachkin's children." I. Nazarov. Reviewed by S. Shcheglov). Sib. ogni 35 no. 4:182-183 '56.

NAZAROVO DISTRICT—LIBRARIES AND READERS
Be active in recommending political books. Bibliotekar' no. 10:7-10 O '56.

NEAR EAST—ARMENIANS
Editorial mail. Nov. vrem. 14 no. 44:30 O '56.

NEAR EAST—DESCRIPTION AND TRAVEL
Egypt, Syria, Lebanon. Orest Vereiskii. Sov. Soiuz no. 11:20-21 N '56.

NEAR EAST—TRADE UNIONS
Arab trade unions strengthen their unity. Ibrahim Bakri. Vsem. prof. dvizh. 16 no. 10:22-23 '56.

NEBULAE
Study of the diffuse Orion nebula and planetary nebulae based on photoelectric observations. N. A. Razmadze. Soob. AN Gruz. SSR 17 no. 7:599-605 '56.

NECK—BLOOD SUPPLY
Potential developmental capacity of cervicocerebral collateral circulatory routs in mammals. P. V. Vasil'ev. Fiziol. zhur. 42 no. 5:378-382 My '56.

NECROSIS
The action of penicillin in an infected wound containing regions of necrosis; experimental study. N. V. Putov. Khirurgiia. 32 no. 7:50-52 Jl '56.

NEDBAILO, KONSTANTIN IVANOVICH
For our motherland and our people. V. Sokolov. Kryl. rod. 7 no. 9:9-10 S '56.

NEDOGONOV, ALEKSEI IVANOVICH, 1914-1948
Poetry of the generation. Kornelii Zelinskii. Ogonek 34 no. 42:13 O '56.

NEEDLES see Pins and needles

NEFTYANYE KAMNI—PETROLEUM
City on the sea. Danylo Bakumenko. Pionerita 33 no. 10:31 O '56.

NEGROES
At uncle George's. Maks Polianovskii. Sov. Soiuz no. 11:23 N '56.

NEMATODA
Changes in the intestinal tissues in dogs during migration of Toxocara canis larvae. N. T. Litvishko. Sbor. trud. Khar'. vet. inst. 20:177-185 '49.

Features of the appearance and spreading of gall nematodes in greenhouses with perennial plants. V. F. Shmal'ko. Biul. Glav. bot. sada no. 24:89-95 '56.
Manure and wool of the sheep as sources of the spreading of dictyocaulosis. M. I. Sopel'chenko. Kar. i zver. 9 no. 5:46 S-O '56.
Nematode diseases in ornamental plants. N. M. Sveshnikova. Biul. Glav. bot. sada no. 24:74-81 '56.
Nematode resistance of some potato varieties. P. A. Khizhniak, V. P. Efremenko. Kartofel' no. 4:59-61 S-O '56.
Use of NIUIF-100 in controlling the chrysanthemum nematode. G. P. Olisevich. Biul. Glav. bot. sada no. 24:81-89 '55.
Using a predaceous fungus for ridding horse manure of strongyloid larvae. Z. P. Kornienko, IU. IA. Tendetnik, O. Ch. Charyev. Veterinariia 33 no. 11:74 N '56.

NEMATOMORPHA
"Living hair." N. N. Plotnikov. Nauka i zhizn' 23 no. 10:63 O '56.

NEMERTINEA see subdivision under Soviet Far East

NENETS NATIONAL AREA—HARES
Flocks of white hares in the tundra. V. Makridin. Okh. i okh. khoz. no. 10:26 O '56.

NEOLITHIC PERIOD see Stone age

NEOSTIGMINE
Analysis of the mechanism of the adaptation-trophic effect of the sympathetic nervous system on the skeletal muscles. IA. B. Lekhtman. Fiziol. zhur. 42 no. 9:779-787 S '56.

NERO, LAKE
Characteristics of deposits of Lake Nero. N. V. Korde. Trudy Lab. sapr. oti. no. 6:145-160 '56.
Mineralogical characteristics of bottom deposits of Lake Nero. E. A. Vinogradova. Trudy Lab. sapr. oti. no. 6:161-167 '56.

NERO, LAKE—MICRO-ORGANISMS
Occurrence of micro-organisms in Lake Nero oozes. N. B. Zavarzina. Trudy Lab. sapr. oti. no. 6:168-172 '56.

NERO, LAKE—PALEONTOLOGY
History of Lake Nero based on research data of animal remains. L. S. Kozlovskaia. Trudy Lab. sapr. oti. no. 6:173-180 '56.
History of microflora and microfauna of Lake Nero. N. V. Korde. Trudy Lab. sapr. oti. no. 6:181-200 '56.

NERO, LAKE—PHYSICAL GEOGRAPHY
Geomorphology and soils of the basin incorporating Lake Nero and the Ust'ye and Kotorosl' Rivers. N. V. Chizhikov. Trudy Lab. sapr. oti. no. 6:130-144 '56.

NERO, LAKE—SAPROPELS
Sapropelic accumulation in Lake Nero, results of using it for fertilizer, and industrial recovery methods. A. V. Smirnov. Trudy Lab. sapr. oti. no. 6:201-213 '56.

NERVES
Function of deglutition, respiratory, and cardiovascular centers and its relation to the frequency of stimulation of the glossopharyngeal, superior laryngeal, and vagus nerves. G. IA. Pritma. Fiziol. zhur. 42 no. 8:675-684 Ag '56.

NERVES, CARDIAC
Cardiac nerves in guinea pigs. B. M. Erez. Dokl. AN Tadzh. SSR no. 17:77-85 '56.
Cardiac nerves in man. B. M. Erez. Dokl. AN Tadzh. SSR no. 17:97-104 '56.

NERVES, SPINAL
Site of the appearance of electrotonic potentials in spinal roots following stimulation of muscular innervation. P. G. Kostiuk. Fiziol. zhur. 42 no. 9:800-810 S '56.

NERVOUS SYSTEM
Accumulation and secretion of bromine in the central nervous system in dogs. G. E. Batrak, M. A. Gutina. Fiziol. zhur. 42 no. 5:389-392 My '56.
Changes in the excitability of a nerve depending on the quality of agents causing parabiosis. L. I. Chilingarian. Uch. zap. MGPI 84:111-117 '55.
Comparative investigation of the effect of electroshock and camphor convulsive seizures on the higher nervous activity in dogs. I. M. Apter. Fiziol. zhur. [Ukr.] 1 no. 5:104-111 S-O '55.
Effect of trional on the higher nervous activity in dogs. V. V. Naumova. Fiziol. zhur. [Ukr.] 1 no. 4:20-27 Jl-Ag '55.
Electrophoresis of proteins of spinal nerves and nerve roots. N. M. Poliakova. Dokl. AN SSSR 109 no. 6:1174-1176 Ag '56.
Eosinopenic reaction as an index of the reactivity of the organism in a state of inhibition of the central nervous system. K. H. Körge. Probl. endok. i gorm. 2 no. 4:110-117 Jl-Ag '56.

Kazakova, O. V. [Lesson methods for the subject "Nervous system"] Metodika urokov po teme "Nervnaia sistema." Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 46 p. (Zaochnaia metodicheskaia konsul'tatsiia)

Manakov, I. D. [Conditioned reflexes and types of the nervous system in horses] Uslovnye refleksy i tipy nervnoi sistemy u loshadei. Khar'kov, Khar'kovskii gos. univ. im. A. M. Gor'kogo, 1956. 112 p.
(DA)
The nervous system in tumorous processes; materials of the session of the Kiev Scientific Research Institute of Roentgenoradiology and Oncology. L. I. Korenevs'kyi, S. P. Syzenko. Fiziol. zhur. [Ukr.] 1 no. 5:129-135 S-O '55.
Physiological characteristic of a motor impulse described by the method of neural anastomosis. V. M. Kas'ianov. Uch. zap. MGPI 84:17-29 '55.
Role of neuro-reflex mechanisms in the pathogenesis of a disease induced by the introduction of botulin toxin into the carotid sinus. M. M. Gromakovskaia. Biul. eksp. biol. i med. 42 no. 8:27-30 Ag '56.
Role of the nervous system in the pathogenesis of acute toxic pulmonary edema. S. M. Leites, N. P. Smirnov. Biul. eksp. biol. i med. 42 no. 8:16-18 Ag '56.
Scientific conference devoted to problems of the physiology and pathophysiology of higher nervous activity in children. M. A. Fadeeva. Vop. okh. mat. i det. 1 no. 5:94-95 S-O '56.
Some data on the effect of the working day on cardiovascular and neural functions in miners. O. O. Navakatikian and others. Fiziol. zhur. [Ukr.] 1 no. 4:54-63 Jl-Ag '55.
Studies on the distribution of veronal in the central nervous system using tagged atoms. S. G. Zograbian, S. E. Shnol'. Zhur. nevr. i psikh. 56 no. 8:654-658 '56.
Treatment of bronchial asthma and of other diseases by periodic alternation of inhibition and stimulation of the central nervous system. TS. Mikhalova. Zhur. vys. nerv. deiat. 6 no. 4:550-554 Jl-Ag '56.

NERVOUS SYSTEM—BIBLIOGRAPHY see Bibliography—Nervous system

NERVOUS SYSTEM—DISEASES
Davidenkov, S. N. [Clinical lectures on diseases of the nervous system] Klinicheskie lektsii po nervnym bolezniam. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie.
No. 2. 1956. 217 p.
(DAFM)
Neuropsychic disorders in leptospiral jaundice. I. Z. Kopshitser. Klin. med. 34 no. 9:78-83 S '56.
Ophthalmotonometry and its clinical significance in diseases of the nervous system. M. S. Khazanov, S. P. Eversman. Zhur. nevr. i psikh. 56 no. 8:659 '56.
Pathomorphology of the central nervous system in rheumatic fever in children. M. A. Izrail'skaia. Vop. okh. mat. i det. 1 no. 5:46-54 S-O '56.
Pyrcafcaine for treating diseases of the peripheral nerves. A. A. Guseinov. Voen.-med. zhur. no. 7:89 Jl '56.
Some considerations on M. B. TSuker's article "On diseases of the central nervous system of tubercular etiology." L. A. Vinnik. Klin. med. 34 no. 9:88-90 S '56.

NERVOUS SYSTEM—MAMMALS
Extracardiac nervous system in rabbits. B. M. Erez. Dokl. AN Tadzh. SSR no. 17:65-75 '56.

NERVOUS SYSTEM—SURGERY
Principles of practical neurosurgery. Reviewed by P. I. Emdin. Vop. neirokhir. 20 no. 4:59-62 Jl-Ag '56.
Sessions of the Kharkov Neurosurgical Society. N. B. Chibukmakher, Z. A. Zotkina. Vop. neirokhir. 20 no. 4:48-52 Jl-Ag '56.
Sessions of the neurosurgical section of the White Russian branch of the All-Union Society of Neuropathologists and Psychiatrists. D. A. Markov, M. V. Pavlovets. Vop. neirokhir. 20 no. 4:52-54 Jl-Ag '56.

NERVOUS SYSTEM, SYMPATHETIC
Analysis of the mechanism of the adaptation-trophic effect of the sympathetic nervous system on the skeletal muscles. IA. B. Lekhtman. Fiziol. zhur. 42 no. 9:779-787 S '56.
Morphological modifications of lumbosacral interverteral ganglia following high ligation of the abdominal aorta. V. P. Kurkovskii, A. F. Polikarpov, M. N. Shinkarev. Biul. eksp. biol. i med. 42 no. 9:64-67 S '56.
Prolonged pain syndrome connected with dystopia and compression of the sacral ganglion. E. I. Zlotnik. Vop. neirokhir. 20 no. 4:44-45 Jl-Ag '56.

NERVOUS SYSTEM, SYMPATHETIC—SURGERY
Morphological and functional changes in the hearing apparatus following surgery on the sympathetic trunk. I. V. Filatov. Vest. oto-rin. 18 no. 5:97 S-O '56.

NESTOROVICH, NIKOLAI MIKHAILOVICH, 1891-1955
Nikolai Mikhailovich Nestorovich; obituary. M. P. Cherniaev and others. Usp. mat. nauk 11 no. 4:117-118 Jl-Ag '56.

NETHERLANDS—DESCRIPTION AND TRAVEL
Through the eyes of a tourist; from a trip to Holland. Vera Shaposhnikova. Nash. sovr. 3:230-238 '56.

NETHERLANDS—ELECTRIC CABLES

Aluminum sheathed cables in Dutch vessels. V. Z. Gurevich. Elektrichestvo no. 10:92 O '56.

NETHERLANDS—SUGAR INDUSTRY

In sugar plants in Denmark and Holland. A. S. Epishin. Sakh. prom. 30 no. 8:61-71 Ag '56.

NETS

(see also subdivision under Sakhalin)

Drift nets in fishing for herring in the North Atlantic. B. G. Sokolov, G. V. Sokolov. Ryb. khoz. 32 no. 10: 10-13 O '56.

Efficient selection of netting materials for the manufacture of fishing gear. V. S. Dolbish. Ryb. khoz. 32 no. 9:15-18 S '56.

Purse seine in fishing for Mediterranean saurel. O. I. Sakovets, S. S. Vinnov. Ryb. khoz. 32 no. 9:11-15 S '56.

Some changes in the design of fixed nets. V. V. Men'shikov. Ryb. khoz. 32 no. 10:66-67 O '56.

NETWORKS, ELECTRIC see Electric networks

NEUROFIBROMATOSIS

Neurofibromatosis in otiatrics. P. G. Rudnia. Vest. otorin. 18 no. 5:113-114 S-O '56.

Session No. 1617 of the Surgical Society of Moscow and Moscow Province. Khirurgiia. 32 no. 7:89-91 Jl '56.

NEUROPATHOLOGY

[Abstracts of Soviet medical literature: Neuropathology and psychiatry.] Sovetskoe meditsinskoe referativnoe obozrenie: Nevropatologiia i psikhiatriia no. 15 '56. 96 p.

[Problems in clinical neuropathology and psychiatry] Voprosy klinicheskoi nevropatologii i psikhiatrii. Pod red. I. P. Alekseenko. Kiev, Gos. med. izd-vo USSR, 1956. 244 p. (DAFM)

NEUTRALITY see subdivision under Austria

NEUTRONS

Polarized neutrons from the D (γ, n) reaction. L. N. Rozentsveig. Zhur. eksp. i teor. fiz. 31 no. 1:166-167 Jl '56.

NEUTRONS—SCATTERING

Elastic scattering of 580 Mev neutrons by protons. [with English summary in insert]. IU. M. Kazarinov, IU. N. Simonov. Zhur. eksp. i teor. fiz. 31 no. 2:169-173 Ag '56.

Elastic scattering of 590 Mev neutrons by neutrons [with English summary in insert]. B. M. Golovin, V. P. Dzhelepov. Zhur. eksp. i teor. fiz. 31 no. 2:194-201 Ag '56.

Length of slow neutron scattering by deuterons. A. S. Davydov, G. F. Filippov. Zhur. eksp. i teor. fiz. 31 no. 2:340-341 Ag '56.

Polarization of neutrons scattered by carbon accounting for nuclear volume. N. A. Guliev. Zhur. eksp. i teor. fiz. 31 no. 1:144-146 Jl '56.

Polarization of neutrons scattered by lead. A. I. Baz'. Zhur. eksp. i teor. fiz. 31 no. 1:159-161 Jl '56.

NEUTRONS—SPECTRA

"Repulsion" of nuclear levels. I. I. Gurevich, M. I. Pevzner. Zhur. eksp. i teor. fiz. 31 no. 1:162-164 Jl '56.

NEW ZEALAND—SHEEP SHEARING

[illegible]cord for sheep shearing. A. S. Kantsepol'skii. S '56.

Igor Newerly.

NEWSPAPERS, JAPANESE see Japanese newspapers

NEWSPAPERS, RUSSIAN see Russian newspapers

NEWSPAPERS, SWEDISH see Swedish newspapers

NEWSPAPERS, UKRAINIAN see Ukrainian newspapers

NEWSPAPERS, UZBEK see Uzbek newspapers

NEWTON'S RINGS see Interference (Light)

NEZHIN—READING (ELEMENTARY)

Forming ideas and elementary conceptions in explanatory reading classes. M. I. Kruhliak. Rad. shk. 35 no. 10: 27-32 O '56.

NEZHIN DISTRICT—MOTION-PICTURE PROJECTION

Rural motion-picture operator. P. Chmel'. Ogonek 34 no. 47:28 N '56.

NIAGARA RIVER—LANDSLIDES

Disaster on the Niagara. V. Steklov. Ogonek 34 no. 43:15 O '56.

NICKEL

Atomization of tantalum and nickel in the form of ions following bombardment by positive cesium ions. V. I. Veksler, M. B. Ben'iaminovich. Zhur. tekh. fiz. 26 no. 8:1671-1680 Ag '56.

Buffer properties of nickel electrolytes and the formation of hydrates occurring in them. A. I. Zhurin, M. G. Sheikhet. Zhur. prikl. khim. 29 no. 4:583-588 Ap '56.

NICKEL ALLOYS—METALLOGRAPHY

On the intensity of X-ray scattering by solid solutions. V. I. Iveronova, A. P. Zviagina. Izv. AN SSSR. Ser. fiz. 20 no. 7:729-735 Jl '56.

NICKEL COMPOUNDS

Differential Fourier synthesis computed on electronic machines in order to redefine the structural parameters of nickel amminothiocyanate and cesium chlorocobaltate (II) crystals. M. A. Porai-Koshits. Izv. AN SSSR. Ser. fiz. 20 no. 7:740-750 Jl '56.

NICKEL CRYSTALS

Low-temperature recrystallization of metals. R. I. Garber and others. Dokl. AN SSSR 110 no. 1:64-66 S-O '56.

NICKEL-IRON-CHROMIUM ALLOYS see Iron-chromium-nickel alloys

NICKEL-MANGANESE-TIN ALLOYS—SPECTRA

X-ray spectroscopy of alloys in connection with their magnetic properties. S. M. Karal'nik and others. Izv. AN SSSR. Ser. fiz. 20 no. 7:811-814 Jl '56.

NICKEL-MOLYBDENUM-IRON ALLOYS see Iron-nickel-molybdenum alloys

NICKEL ORES

Principles of the new methods for chemical processing of complex iron and nickel ores. G. G. Urazov, D. P. Bogatskii. Izv. AN SSSR. Otd. khim. nauk no. 9:1020-1037 S '56.

NICKEL PLATING

Effect of chlorions on the dissolution of a nickel anode. A. V. Pomosov, L. I. Gurevich. Zhur. prikl. khim. 29 no. 9:1372-1377 S '56.

Effect of solution acidity on cathodic polarization during the electrodeposition of cobalt and nickel [with English summary in insert]. Z. A. Solov'eva, O. A. Abrarov. Zhur. fiz. khim. 30 no. 7:1572-1578 Jl '56.

NICKEL SULFATE

Equilibriums in magnesium sulfate-nickel sulfate-water system. O. S. Soboleva. Dop. ta pov. L'viv. un. no. 3, pt. 2:26-28 '52.

[illegible]ores. V. I. Birlukov. Zap. Vses. [illegible]13-343 '56.

[illegible]nicotinic acid metabolism in [illegible]na'kyl. Fiziol. zhur. [Ukr.]

[illegible]ng and continuation schools

[illegible].DIO STATIONS
[illegible]opment of radio amateur
[illegible]V. Dovganenko. Radio no. 9:11

[illegible]ILES, FOSSIL
[illegible]lerocnemus and Tichvinskaia
[illegible]ov. Dokl. AN SSSR 110 no. 1:

[illegible]S
[illegible]slope of the Nikopol' dam
[illegible]A. Nichiporovich. Gidr.
[illegible]'56.

[illegible]ANESE ORES
[illegible]es of Nikopol' in connec-
[illegible]esis in ore formation. V. I.
[illegible]obr. 3/4:213-226 '56.

[illegible]2

NIOBATES

Thermographic and radiographic study of the [illegible] of sodium and potassium niobates. A. V. Bogdanov and others. Zhur. neorg. khim. 1 no. 8:1776-1783 Ag '56.

Thermography and radiography of the [illegible] hexaniobates of certain bivalent metals. V. A. Fil' and others. Zhur. neorg. khim. 1 no. 8:1784-1791 '56.

NIOBIUM—ISOTOPES

Study of the state of radioniobium in nitrate solutions by means of ionic exchange and dialysis. V. I. Fadeeva, V. B. Kolychev. Zhur. neorg. khim. 1 no. 8:1800-1804 Ag '56.

NIOBIUM OXIDES

Thermography of the interaction of niobium pentoxide with sodium hydroxide. V. I. Spitsyn, A. V. Lapitskii. Zhur. neorg. khim. 1 no. 8:1771-1776 Ag '56.

NITRATES

Diagrams of phase conversions in binary systems by strontium, by rubidium and cesium nitrates with strontium and barium nitrates. B. E. Pashchev, I. E. Markova, L. P. Stiklover. Zhur. neorg. khim. 1 no. 7:1613-1618 Jl '56.

Effect of lithium, sodium, and potassium nitrates on nickel, copper, dural, and on certain steels. E. I. Gurovich. Zhur. prikl. khim. 29 no. 8:1238-1243 '56.

Method for the separation and determination of [illegible] nitrites and nitrates. B. Kh. Dzotsenidi. [illegible] no. 4:19-22 '56.

NITRITES

Method for the separation and determination of [illegible] nitrites and nitrates. B. Kh. Dzotsenidi. [illegible] no. 4:19-22 '56.

NITROBENZENE

Study of complexing in solutions of [illegible] by the aid of physicochemical analysis. [illegible] Part 6. System: AlBr3 - C6H5NO2 - C6H5Br. Zhur. neorg. khim. 1 no. 8:1877-1882 Ag '56.

NITROGEN

Interaction of nitrogen nuclei with photons of [illegible] nuclei [with English summary in insert]. [illegible] Parfanovich, N. V. Rabin, A. M. Sementovskaia. Zhur. eksp. i teor. fiz. 31 no. 2:188-193 Ag '56.

Temperature dependence of the viscosity of liquid nitrogen at constant density. N. F. Zhdanova. Zhur. eksp. teor. fiz. 31 no. 1:14-17 Jl '56.

Work of central laboratories in enterprises of the nitrogen industry. I. D. Fetisich. Khim. prom. no. 5: 295-300 Jl-Ag '56.

NITROGEN—SPECTRA

Absorption spectra of liquid oxygen and its solutions with nitrogen in the 10800-2800 Å range. V. I. Ptashnik, Kiokov. Opt. i spektr. 1 no. 5:650-657 [illegible] '56.

Photodissociation of nitrogen. I. I. Gremiatova. Opt. i spektr. 1 no. 3:433-434 Jl '56.

NITROGEN OXIDES

Absorption of nitric oxide by aqueous ammoniacal solutions of bivalent cobalt salts. G. D. Sirotkina. Zhur. neorg. khim. 1 no. 8:1780-1787 Ag '56.

Combustion of nitric oxide - hydrogen mixtures. Part 2. Mechanism of the reaction in the flame [with English summary in insert]. A. I. Rezlovskii. Zhur. fiz. khim. 30 no. 7:1444-1451 Jl '56.

Effect of temperature and of the linear velocity of gas on the rate of absorption of nitrogen oxides by sulfuric acid. A. S. Bukhman, K. M. Malin. Zhur. prikl. khim. 29 no. 4:512-519 Ap '56.

Recovery of nitric oxides by sulfuric acid in a tower with plane-parallel packing. [A. V. Shvartsshtein. Khim. prom. no. 5:264-267 Jl-Ag '56.

Stationary concentrations of nitric oxide in the discharge. Part 1. Experiments with a wide air-containing vessel [with English summary in insert]. E. I. Evstein, A. N. Mal'tsev. Zhur. fiz. khim. 30 no. 7:1515-1533 Jl '56.

NITROGEN OXIDES—SPECTRA

Scattering of vibration quanta of excited molecules of nitrogen oxide following collisions with other molecules. A. V. Kleinberg. Opt. i spektr. 1 no. 4:469-477 Ag '56.

NITRON—PHYSIOLOGICAL EFFECT see Plants, Effect of nitrogen on

NITROPHENOL

Organic insectofungicides. Part 22. Interaction of dialkylchlorothiophosphates with p-nitrophenol in the presence of pyridine hydrochloride. Z. M. Bakanova, [illegible] Mandel'baum, N. N. Mel'nikov. Zhur. ob. khim. 29 no. 9:2576-2577 S '56.

NITROSE

Mass transfer and kinetics of acid formation in the liquid phase of nitrose-sulfuric acid systems. M. L. Variamov, E. L. Krichevskaia. Zhur. prikl. khim. 29 no. 4:520-526 Ap '56.

Reduction of nitric acid consumption in the nitrose-sulfuric acid process. M. E. Posin, G. V. Bel'chenko. Zhur. prikl. khim. 29 no. 4:506-511 Ap '56.

NITROSYL GROUP
Chemistry of the nitrosyl group (NO). C. C. Addison, J. Lewis. [Translated form Quart. Revs., London Chem. Soc., 9, no. 2:115, 1955, by A. B. Neldinger]. Usp. khim. 25 no. 9:1120-1148 S '56.

NIZHNIYE KOTLY—BRICKS
"We need the mechanization." Rabotnitsa 34 no. 11:25 N '56.

NOISES
"Silence"; letters to the editor. Ogonek 34 no. 41:13 O '56.

NOMOGRAPHY (MATHEMATICS)
Chigirin, N. I. [Collection of nomograms for working out oceanographic data] Atlas nomogramm dlia obrabotki okeanograficheskikh dannykh. Moskva, Izd-vo Akademii nauk SSSR, 1956. 20 l. (in portfolio)

_____ [Explanatory text] Poiasnitel'nyi tekst. 1956. 34 p.

Khovanskii, G. S. [Nomographic calculations in hydraulics] Nomograficheskie raschety v gidravlike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 112 p.

_____ [Supplement] nomograms on No. 1-107 on 05 l., No. 1-6 on 01.

Nomographic calculation of structure factors. N. V. Belov, T. N. Tarkhova. Kristallografiia 1 no. 2:235-238 '56.

Stereoscopic nomography and solution of the problem of general anamorphosis in $N$-dimensional space. I. A. Vil'ner. Usp. mat. nauk 11 no. 4:123-130 Jl-Ag '56.

NON-EUCLIDEAN GEOMETRY see Geometry, Non-euclidean

NONFERROUS METAL INDUSTRIES—HYGIENIC ASPECTS
Detection of dust in nonferrous metal industry. L. F. Glebova. Gig. i san. 21 no. 8:56-57 Ag '56.

NONFERROUS METAL INDUSTRIES—PRODUCTION STANDARDS
Measures to regularize wages in enterprises of the Ministry of Nonferrous Metallurgy of the U. S. S. R. Sots. trud. no. 10:40-50 O '56.

NONFERROUS METALS
Metals of the future. I. Pavlov. Nov. vrem. 14 no. 45: 26-28 N '56.

NORILSK—DESCRIPTION
At the remote borders of Siberia. Sov. Soiuz no. 11: 10-11 N '56.

NORTH AMERICA—TITANIUM ORES
Titanium ore province of North America. Z. I. Ikonnikova. Razved. i okh. nedr 22 no. 8:50-60 Ag '56.

NORTH ATLANTIC TREATY ORGANIZATION
Crisis in the North Atlantic Alliance. IU. Gromov. Mosk. prop. 13 no. 9:32-39 S '56.

NORTH KOREA see Korea, North

NORTHERN CAUCASUS see Caucasus, Northern

NORWAY—CARGO HANDLING
Convenient attachment for automatic loaders. A. Abakumov. Mor. flot 16 no. 10:31-32 O '56.

NORWAY—HISTORY—STUDY AND TEACHING
The development and present status of the science of history in Norway. V. V. Pokhlebkin. Vop. ist. no. 9:205-213 S '56.

NORWAY—WAGES
Wage negotiations. John Kjellstrom. Vsem. prof. dvizh. no. 10:45-47 O '56.

NOSE—FOREIGN BODIES
Cases of foreign bodies in the nasal cavity. A. B. Varshavskii. Vest. oto-rin. 18 no. 5:123 S-O '56.

Late complications in cases of unremoved foreign bodies of the nose and its sinuses. E. A. IAkushkin. Vest. oto-rin. 18 no. 5:49-53 S-O '56.

NOSE—HEMORRHAGE
Severe secondary epistaxis. S. I. Kaisenelenbogen. Vest. oto-rin. 18 no. 5:119 S-O '56.

NOSE—TUMORS
Cases of rhinosporidiosis. L. A. Vasil'eva. Vest. oto-rin. 18 no. 5:123-124 S-O '56.

NOSE, ACCESSORY SINUSES OF—DISEASES
Examining smears from the nasal cavity and maxillary sinus obtained after consecutive ringsings in hydrmoritis. A. I. TSyganov. Vest. oto-rin. 18 no. 5: 117-118 S-O '56.

Vasomotor and allergic hydrmoritis as a nosologic form. B. S. Preobrazhenskii. Vest. oto-rin. 18 no. 5:38-44 S-O '56.

NOSE, ACCESSORY SINUSES OF—FOREIGN BODIES
Late complications in cases of unremoved foreign bodies of the nose and its sinuses. E. A. IAkushkin. Vest. oto-rin. 18 no. 5:49-53 S-O '56.

NOSE, ACCESSORY SINUSES OF—TUMORS
Fibromyxoma of the maxillary sinus. M. G. Panasiuchenko. Vest. oto-rin. 18 no. 5:125 S-O '56.

NOSOV, GEORGII NIKIFOROVICH, 19th-
Georgii Nosov's songs. M. Bialik. Sov. muz. 20 no. 9: 28-31 S '56.

NOSULIA, NIKOLAI VASIL'EVICH—FICTION
Saleev, Nikolai. [Hero of the Soviet Union Nikolai Nasulia] Geroi Sovetskogo Soiuza Nikolai Nosulia. Moskva, Voen. izd-vo, 1954. 47 p. (Geroi Velikoi Otechestvennoi voiny) (CSt-H)

NOVAYA KAKHOVKA—TRADE UNIONS
Unnecessary guardianship and wards. T. Lil'in. Part. zhizn' no. 18:55-62 S '56.

NOVAYA POKROVKA—SMELTING FURNACES
Iron-smelting furnace in Novaya Pokrovka. A. T. Bralchevskaia. Krat. soob. inst. arkheol. AN URSR no. 6: 64-67 '56.

NOVGOROD—BEADS
Glass beads of ancient Novgorod. IU. L. Shchapova. Mat. i issl. po arkheol. no. 55:164-179 '56.

NOVGOROD—COINS, CUFIC
Nerevskiy treasure of Cufic coins from the tenth century. S. A. IAnina. Mat. i issl. po arkheol. no. 55: 180-207 '56.

NOVGOROD—EXCAVATIONS (ARCHAEOLOGY)
Archaeological study of Novgorod. A. V. Artsikhovskii. Mat. i issl. po arkheol. no. 55:7-43 '56.

The topography, stratigraphy, and chronology of the Nerevskiy excavations. B. A. Kolchin. Mat. i issl. po arkheol. no. 55:44-137 '56.

NOVGOROD—POTTERY
Classification of the ceramics of ancient Novgorod; based on materials from the excavations of 1951-1954. G. P. Smirnova. Mat. i issl. po arkheol. no. 55: 228-240 '56.

NOVGOROD—SEALS (NUMISMATICS)
Pendant seals from the Novgorod excavations of 1951-1954. V. L. IAnin. Mat. i issl. po arkheol. no. 55: 138-163 '56.

NOVGOROD—SEWERAGE
The drainage apparatus and its significance for the public works systems of Great Novgorod. A. F. Medvedev. Mat. i issl. po arkheol. no. 55:208-227 '56.

NOVGOROD (DUCHY)
Chronology of the charter treaties of Novgorod the Great with the princes in the 13th-15th centuries. A. A. Zimin. Probl. istoch. no. 5:300-327 '56.

NOVGOROD (DUCHY)—MAPS
Ways to make a map of the settlements of the 15th-17th centuries on the basis of data from cadastres and census books; on the example of Shungskiy district in the Onego region fifth. M. V. Vitov. Probl. istoch. no. 5:231-264 '56.

NOVGORODKA—PUBLIC HEALTH, RURAL
Light in the windows. Mark Popovskii. Zdorov'e 2 no. 10:18-20 O '56.

NOVO-ANNENSKIY DISTRICT—AGRICULTURE
Searching, ever searching. Ivan Vinnichenko. Nash. sovr. 3:193-200 '56.

NOVO-VARSHAVKA—LOCAL GOVERNMENT
Buluchevskii, V. K., and IA. N. Tupal. [Novo-Varshavka village soviet] Novo-Varshavskii sel'skii Sovet. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 64 p.

NOVO-VOLYNSK—COAL MINERS
Great attention to satisfying the needs of miners. A. Derliuk. Mast. ugl. 5 no. 8:12-13 Ag '56.

NOVO-VOLYNSK—COAL MINES AND MINING
Great changes. A. Dedok. Mast. ugl. 5 no. 8:7 Ag '56.

NOVOCAINE
Effect of a cervical vagosympathetic block on the cytological composition of the lacunae of the tonsils in tonsillitis. L. G. Karpova. Vest. oto-rin. 18 no. 5: 127 S-O '56.

Effect of novocaine on survival of white rats at high altitudes. IU. F. Udalov. Biul. eksp. biol. i med. 42 no. 8:53-55 Ag '56.

Effect of novocaine on the metastatic development of Brown-Pearce tumor [with summary in English]. I. P. Tereshchenko. Vop. onk. 2 no. 4:414-416 '56.

Electrophysiological investigation of the mechanism of chemoreception. Report no. 2: Modification of afferent impulses in intestinal nerves during the action of carbon dioxide and novocaine and during metabolic disorders induced by monoiodoacetic acid. N. A. Anikina. Biul. eksp. biol. i med. 42 no. 8:6-12 Ag '56.

Intra-arterial infusions of novocaine with penicillin in the treatment of inflammatory diseases of the extremities. A. A. From. Khirurgiia. 32 no. 7:41-44 Jl '56.

Novocaine block in some diseases of the upper respiratory tract. V. V. Shimko. Vest. oto-rin. 18 no. 5: 122-123 S-O '56.

Penicillin-novocaine infiltration in inflammation processes in the hand and fingers. A. Abbasov. Voen.-med. zhur. no. 7:84 Jl '56.

Result of the treatment of hypertension with a para-vertebral procaine block. N. M. Davydov. Terap. arkh. 28 no. 6:60-62 '56.

NOVOKUYBYSHEVSK—ALUMINUM SILICATES
Production of aluminum silicate bead-type catalysts at the Novokuybyshevsk Catalyst Plant. R. I. Skurko. Neftianik 1 no. 7:14-15 Jl '56.

NOVOKUYBYSHEVSK—PETROLEUM—REFINING
Why isn't the capacity of the Novokuybyshevsk refinery fully utilized? M. S. Karamyshev, V. M. Gromenko, N. V. Izriumov. Neftianik 1 no. 8:10 Ag '56.

NOVOMILYATIN DISTRICT—PHYSICAL EDUCATION AND TRAINING
Work practice of the physical culture group in a rural school. I. F. Sosun. Teor. i prak. fiz. kul't. 19 no. 9: 696-697 '56.

NOVOSIBIRSK—BRIDGES
Results of the hydrometeorological service in bridge construction over the Ob' River in Novosibirsk. V. I. Eremina. Meteor. i gidrol. no. 8:45-46 Ag '56.

NOVOSIBIRSK—RUSSIAN NEWSPAPERS—SECTIONS, COLUMNS, ETC.
A successful edition is the pride of the editorial staff. K. Nemira, I. Shimanskii. Sov. pech. no. 10:22-25 O '56.

NOVOSIBIRSK—SURVEYING
Building compound signal towers in the Novosibirsk aerial geodetic enterprise. M. M. Vdovin. Geod. i kart. no. 7:37-44 S '56.

NOVOSIBIRSK HYDROELECTRIC POWER STATION
Novosibirsk Hydroelectric Power Station. Smena 33 no. 17:12b-12c S '56.

Water power cascade on the Ob'. B. K. Dubrovskii. Nauka i zhizn' 23 no. 11:20 N '56.

NOVOSIBIRSK PROVINCE—SPORTS
On Siberian land. V. Pukhnachev. Fizk. i sport 26 no. 10:8 '56.

NOVOSIBIRSK RESERVOIR—WATER—ANALYSIS
Sanitary and hygienic characteristics of the Novosibirsk Reservoir; prognosis of the quality of water. D. G. Komm. Gig. i san. 21 no. 10:52-53 O '56.

NOVY DONBASS
Among shrubs and flowers. Mast. ugl. 5 no. 8:31 Ag '56.

NUCLEAR COLLISIONS see Collisions (Nuclear physics)

NUCLEAR COUNTERS
Radiation counters. N. Ronzhin. Radio no. 10:41 O '56.

NUCLEAR GEOPHYSICS
Voitkevich, G. V. [Radiogeology and its significance in learning the history of the earth] Radiogeologiia i ee znachenie v poznanii istorii Zemli. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 110 p.

NUCLEAR MAGNETIC RESONANCE
Hyperfine structure of the paramagnetic resonance spectrum of $^{53}Cr^{3+}$ in $Al_2O_3$. A. A. Manenkov, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 31 no. 2:346-347 Ag '56.

Paramagnetic resonance and the polarization of nuclei in thick layers of metal. M. IA. Azbel', V. I. Gerasimenko, I. M. Lifshits. Zhur. eksp. i teor. fiz. 31 no. 2: 357-359 Ag '56.

NUCLEAR MOMENTS
Atomic magnetic moments of ferromagnetic metals and alloys. F. M. Gal'perin. Zhur. eksp. i teor. fiz. 31 no. 1:150-152 Jl '56.

Dynamic magnetic moment of deuterons [with English summary in insert]. A. M. Korolev. Zhur. eksp. i teor. fiz. 31 no. 2:211-217 Ag '56.

Spectroscopic determination of the nuclear moments of $Cu^{63}$ and $Cu^{65}$. N. I. Kaliteevskii, M. P. Chaika. Opt. i spektr. 1 no. 5:606-611 S '56.

Theory of the hyperfine structure of molecular rotation spectra due to nuclear electric 24-pole moments. N. G. Basov, A. N. Oraevskii, K. K. Svidzinskii. Opt. i spektr. 1 no. 3:285-289 Jl '56.

NUCLEAR PHYSICS
Application of non self-conjugate operators in the theory of scattering. M. S. Livshits. Zhur. eksp. i teor. fiz. 31 no. 1:121-131 Jl '56.

"Einführung in die Physik. Dritter Band. Optik und Atomphysik" [in German] R. W. Pohl. Reviewed by N. Tolstoi. Opt. i spektr. 1 no. 3:443-444 Jl '56.

NUCLEAR PHYSICS (Continued)

On unquantized relativistically invariant renormalized equations for a three-dimensional extended particle. IU. M. Shirokov, D. G. Sannikov. Zhur. eksp. i teor. fiz. 31 no. 1:113-120 Jl '56.

A quasi-unidimensional interpretation of the hydrodynamical theory of multiple particle production [with English summary in insert]. I. L. Rozental'. Zhur. eksp. i teor. fiz. 31 no. 2:278-287 Ag '56.

NUCLEAR REACTIONS

Answer to readers'questions; Critical mass of atomic charge. M. Arkhipov. Voen. znan. 31 no. 6:30 Ag '56.

Balabanov, E.M., and V.L.Gol'danskii. [Thermonuclear reactions] Termoiadernye reaktsii. Moskva, Izd-vo "Znanie," 1956. 60 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, nos. 43, 44)

Feasibility of producing thermonuclear reactions in gaseous discharges. I. V. Kurchatov. Usp. fiz. nauk. 59 no. 4:603-618 Ag '56.

Formation of $\pi^+$-mesons in 660 Mev (p-p) - collisions [with English summary in insert]. V. M. Sidorov. Zhur. eksp. i teor. fiz. 31 no. 2:178-187 Ag '56.

Interaction of nitrogen nuclei with photographic emulsion nuclei [with English summary in insert]. D. M. Parfanovich, N. V. Rabin, A. M. Semchinova. Zhur. eksp. i teor. fiz. 31 no. 2:188-193 Ag '56.

Investigation of (d, p) reactions in phosphorus and chlorine. I. B. Teplov. Zhur. eksp. i teor. fiz. 31 no. 1:25-30 Jl '56.

$\pi^+$-meson energy spectrum for the $pp \rightarrow pn\pi^+$ reaction at 556 and 657 Mev. M. G. Meshcheriakov and others. Zhur. eksp. i teor. fiz. 31 no. 1:45-54 Jl '56.

Polarized neutrons from the D (γ, n) reaction. L. N. Rozentsveig. Zhur. eksp. i teor. fiz. 31 no. 1:166-167 Jl '56.

Relative cross sections for n, p-reactions involving nuclei with several stable isotopes. V. N. Levkovskii. Zhur. eksp. i teor. fiz. 31 no. 2:350 Ag '56.

NUCLEAR SHELL THEORY

Multiconfiguration approximation in the case of helium-type atoms. J. I. Vizbaraite, V. I. Kaveckis, A. P. Jucys. Opt. i spektr. 1 no. 3:282-284 Jl '56.

Self-consistent field for the basic configuration of helium-type atoms. G. K. Ciunaitis, V. V. Kibartas, A. P. Jucys. Opt. i spektr. 1 no. 1:5-8 My '56.

Self-consistent Fok field for excited helium atoms. J. I. Vizbaraitė, A. I. Kancerevičius, A. P. Jucys. Opt. i spektr. 1 no. 1:9-16 My '56.

Self-consistent Fok field in multiconfiguration approximation for helium atoms. J. I. Vizbaraite and others. Opt. i spektr. 1 no. 3:277-281 Jl '56.

NUCLEI, ATOMIC

Energy dependence of the division width. V. G. Nosov. Zhur. eksp. i teor. fiz. 31 no. 2:335-336 Ag '56.

K-shell gamma-ray internal conversion coefficients. L. A. Sliv, I. M. Band. Zhur. eksp. i teor. fiz. 31 no. 1: 134-136 Jl '56.

"Repulsion" of nuclear levels. I. I. Gurevich, M. I. Pevzner. Zhur. eksp. i teor. fiz. 31 no. 1:162-164 Jl '56.

Two-nucleon potential of the intermolecular type and nuclear saturation. D. D. Ivanenko, B. K. Kerimov. Zhur. eksp. i teor. fiz. 31 no. 1:105-112 Jl '56.

NUCLEIC ACIDS

Chepinoga, O. P. [Nucleic acids and their biological role] Nukelnovye kisloty i ikh biologicheskaia rol'. Kiev, Izd-vo Akademii nauk USSR, 1956. 182 p.

Daily excretion of protein and nucleic acids in the intestinal juice in case of balanced and protein-deficient nutrition. Z. M. Gadzhieva. Biul. eksp. biol. i med. 42 no. 9:22-24 S '56.

The structure of hereditary substance. F. Crick. Khim. nauka i prom. 1 no. 4:472-477 '56.

NUCLEONS

Nonlinear meson field of nucleons at rest. A. Borgardt. Dokl. AN SSSR 109 no. 6:1107-1108 Ag '56.

Nucleon-$\pi$-meson interactions. M. Gell-Mann, K. M. Watson. (From "Annual Review of Nuclear Science" 4, '54). Usp. fiz. nauk 59 no. 3:399-458 Jl '56.

Passing of nucleon component through the atmosphere. G. S. Saakian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 7:79-104 '56.

NUMBERS, PRIME

Arithmetic analyticity equivalence of the Dirichlet's L-series on the line Re $S = 1$. A. O. Gel'fond. Izv. AN SSSR. Ser. mat. 20 no. 2:145-166 Mr-Ap '56.

NUMBERS, THEORY OF

Application of the theory of great numbers to computing indexes. IA. I. Lukomskii. Uch. zap. po stat. 1:193-220 '55.

The law of great (average) numbers in social phenomena F. D. Livshits. Uch. zap. po stat. 1:166-192 '55.

The role of the law of great numbers in statistics; from a speech at the academic conference on statistical problems in March, 1954. Uch. zap. po stat. 1:153-165 '55.

NUMERATION

Berman, G. N. [Calculation and number; how people learned to count] Schet i chislo; kak liudi uchilis' schitat'. Izd. 6-e. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 31 p. (Nauchno-prosvetitel'naia biblioteka, no. 11)

NUMERICAL CALCULATIONS

Householder, A.S. [Principles of numeral analysis. Translated from the English] Osnovy chislennogo analiza. Perevod s angliiskogo N. P. Zhidkova i M. L. Serova. Pod red. L. A. Liusternika. Moskva, Izd-vo inostrannoi lit-ry, 1956. 320 p.

NUMISMATICS see subdivision under Kamenka-Dneprovskaya; Uzbekistan

NUMISMATICS, MOHAMMEDAN

The black dirhems of Mus'ab. M. E. Masson. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7:175-196 '55.

NUMISMATICS, RUSSIAN

Rare treasures. Vl. Minkevich. Ogonek 34 no. 47:31 N '56.

NURA-TAU—BOTANY

Plant relicts of the Nura-Tau Range. K. Z. Akirov, V. A. Burygin. Bot. zhur. 41 no. 9:1331-1334 S '56.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

History lesson. A. Poltorak. Ogonek 34 no. 40:17-18 S '56.

NURSERIES (HORTICULTURE)

Growing healthy nursery stock. P. S. Kurash, D. S. Pchelkin. Zashch. rast. ot vred. i bol. 1 no. 4:21-24 S-O '56.

Protection of horticultural nurseries. O. I. Tikhonov, Zashch. rast. ot vred. i bol. 1 no. 4:38-40 S-O '56.

NURSES AND NURSING

Rusanov, S. A. [Work of nurses in surgery; a manual for surgical nurses] Rabota operatsionnoi sestry; posobie dlia operatsionnykh sester. Izd. 2-e, ispr. i dop. Moskva, Medgiz, 1956. 196 p. (Biblioteka srednego medrabotnika)
(DAFM)

Work of visiting nurses in rural medical sections. M. A. Gagaeva. Vop. okh. mat. i det. 1 no. 5:80-85 S-O '56.

NURSES AND NURSING—STUDY AND TEACHING

First graduation. S. Lazarev. Sov. kras. krest 6 no. 5: 14-15 S-O '56.

NUTRITION—STUDY AND TEACHING

Training of interns in the field of nutritional hygiene. A. I. Shtenberg. Vop. pit. 15 no. 5:56-57 S-O '56.

NUTRITION OF CHILDREN see Children—Nutrition

OAK

(see also subdivision under Armenia)

Prospects for spot seeding oak. V. A. Bodrov. Agrobiologiia no. 5:142-144 S-O '56.

Some physiological characteristics of oak seedlings grown under conditions of root competition. V. G. Karpov. Bot. zhur. 41 no. 9:1263-1272 S '56.

OATMEAL

Improvement in the quality of oat products (fine and coarse rolled oats) by means of saccharification during production. N. S. Pisarev, G. S. Korobkina. Vop. pit. 15 no. 5:48-53 S-O '56.

OB RIVER—HYDROELECTRIC POWER STATIONS

The first on the Ob. S. Vinogradov. Rabochitsa 34 no. 11:16-17 N '56.

OBESITY see Corpulence

OBRUCHEV, VLADIMIR AFANAS'EVICH, 1863-1956

Academician Vladimir Afanas'evich Obruchev; obituary. N. N. Shatskii, E. V. Pavlovskii. Razved. i okh. nedr 22 no. 8:61-63 Ag '56.

Vladimir Afanas'evich Obruchev. E. M. Murzaev. Izv. AN SSSR. Ser. geog. no. 5:4-8 S-O '56.

Vladimir Afanas'evich Obruchev; obituary. A. Kh. Ivanov. Geokhimiia no. 4:76-80 '56.

OBSERVATORIES, ASTRONOMICAL see subdivision 'Astronomical observatories' under Byurakan

OBSTETRICS

Collected works of the Second Obstetrical and Gynecological Hospital (Prof. František Hořálek), Brno (Czechoslovakia). Reviewed by N. Aleksandrov. Akush. i gin. 32 no. 4:90-91 Jl-Ag '56.

Klenitskaia, E. M., and L. Mel'nikova. [The midwife's work in the village] Rabota akusherki na sele. Izd. 2-oe ispr. i dop. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 101 p.
(DAFM)

OBSTETRICS—BIBLIOGRAPHY see Bibliography—Obstetrics

OBSTETRICS—HOSPITALS see subdivision 'Hospitals, Gynecologic and obstetric' under Tabor, Poland

OBSTETRICS, VETERINARY see Veterinary obstetrics

OBUKHOV, ALEKSANDR KIRILLOVICH, d. 1956

In memoriam. Ryb. khoz. 32 no. 10:90 O '56.

OCCUPATION, CHOICE OF see Vocational guidance

OCCUPATIONS

Stories about new professions. A. Borin. Smena 11 no. 18:0-11 S '56.

OCCUPATIONS--HYGIENIC ASPECTS see Industrial hygiene

OCEAN

New foreign studies on wind waves. IU. M. Krylov. Meteor. i gidrol. no. 9:49-54 S '56.

Shuleikin, V. V. [The theory of ocean waves] Teoriia morskikh voln. Moskva, Izd-vo Akademii nauk SSSR, 1956. 141 p. (Akademiia nauk SSSR. Morskoi gidrofizicheskii institut. Trudy, vol. 9)

OCEAN BOTTOM

Zenkovich, V. P. [The bottom of the sea] Morskoe dno. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 54 p. (Nauchno-populiarnaia biblioteka, no. 16)

OCEAN LINERS

The liner "Southern Cross." I. Mosh. Mor. flot 16 no. 7:30-31 Jl '56.

OCEANOGRAPHY

Chigirin, N. I. [Collection of nomograms for working out oceanographic data] Atlas nomogramm dlia obrabotki okeanograficheskikh dannykh. Moskva, Izd-vo Akademii nauk SSSR, 1956. 20 l. (in portfolio)

_____ [Explanatory text] Poiasnitel'nyi tekst. 1956. 34 p.

OCHAKOVO—REINFORCED CONCRETE

Errors in the design of a factory. D. Turanov. Sbor. mat., izdel. i konstr. 2 no. 9:16-17 S '56.

OCTANE

Study of primary stages in the catalytic cracking of paraffins on an aluminosilicate catalyst in relation to the effect of small additions. T. I. Andrianova, S. Z. Roginskii. Zhur. ob. khim. 26 no. 9:2418-2420 S '56.

ODESSA—CLOTHING INDUSTRY—ACCOUNTING

Simplify accounting in custom sewing enterprises. M. Fil'mus. Sov. torg. no. 9:35 S '56.

ODESSA—COAL MINING MACHINERY

Introducing advanced methods of machine building. Mast. ugl. 5 no. 8:28 Ag '56.

ODESSA—LIBRARIES

Odessa. Gosudarstvennaia nauchnaia biblioteka. [Treasure house of culture; a collection of articles] Sokrovishchnitsa kul'tury; sbornik statei. [Odessa] Odesskoe obl. izd-vo.
No. 1. 1955. 137 p.

ODESSA—MACHINE-TOOL INDUSTRY

Potentialities for increasing labor productivity in machine-tool plants. A. Polonskii. Plan. khoz. no. 4:69-74 '56.

ODESSA—THEOLOGICAL SEMINARIES

At the Odessa Theological Seminary. Zhur. Mosk. Pat. no. 8:12-13 Ag '56.

ODESSA DISTRICT—GEOLOGY, STRATIGRAPHIC

Lower Sarmatian deposits of the Odessa District. V. E. Egorova. Trudy VNIGNI no. 9:97-102 '55.

ODING, IVAN AVGUSTOVICH, 1896-

Ivan Avgustovich Oding; on his 60th birthday. Zav. lab. 22 no. 8:1014 Ag '56.

Sixtieth birthday of the corresponding member of the Academy of Sciences of the U.S.S.R. I. A. Oding. Metalloved. i obr. met. no. 9:2 S '56.

OFFICIALS AND EMPLOYEES see subdivision under France

OFFSET PRINTING

Studying the effect of cations and anions on adsorption in offset printing. I. R. Kitaichko and others. Nauch. trudy MPI no. 3:77-90 '55.

OGAREV, NIKOLAI PLATONOVICH, 1813-1877

Addition to the scholarly description of the "Manuscripts and correspondence of N. P. Ogarev." Ritsl. Ruk. otd. Push. doma no. 0:108 '56.

OHMMETER

The battery-powered SPK ohmmeter set. V. Gellver. Radio no. 10:60 O '56.

Increasing the metering limits of uniform scale ohmmeters. G. P. Kramarov. Radio no. 10:59 O '56.

OIL see Petroleum

OIL FIELD FLOODING

Some problems of central intraboundary flooding. M. I. Makelmov. Neft. khoz. 34 no. 10:22-30 O '56.

Using injection wells. R. A. Abdullin. Neftianik 1 no. 7 11-13 Jl '56.

OIL FIELDS
(see also subdivision under Al'met'yevo)

Observations on the method of planning oil well spacing. V. N. Shchelkachev. Neft. khoz. 34 no. 10:27-32 O '56.

OIL FIELDS—EQUIPMENT AND SUPPLIES

Semiautomatic control stations in oil fields. M. N. Shelepin, N. N. Petrov. Neftianik 1 no. 9:13 S '56.

Separation of oil and water by filtration. N. N. Verigin, I. D. Rodziller. Neft. khoz. 34 no. 10:52-56 O '56.

Valuable suggestions of innovators. Neftianik 1 no. 9: 18a-18b S '56.

OIL FILTERS

Filtration of diesel oil. V. L. Isakovskii. Les. prom. 34 no. 10:17-18 O '56.

OIL RECLAMATION

Oil containers, regeneration of oil and thermoniphon filters. M. V. Khomiakov. Energetik 4 no. 10:39 O '56.

OIL SHALES
(see also subdivision under Baltic Sea region)

The revision of safety regulations in coal and shale mines. A. P. Zaitsev, S. IA. Kheifits. Ugol' 31 no. 9: 1-8 S '56.

Speed of thermal decomposition of the organic matter in shales. D. K. Kollerov. Khim. i tekh. topl. no. 10:55-62 O '56.

OIL WELL CEMENTING

Effect of drilling fluid, treated with an alkaline carbonate extract, on the hardening period of cement in deep wells. A. A. Ol'shtein. Neftianik 1 no. 10:14-16 O '56.

New method for cementing oil wells in connection with major repairs. A. S. Farkhutdinov. Neftianik 1 no. 9: 17-18 S '56.

Russia (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. Nauchno-tekhnicheskii sovet. [Improving the quality of well cementing; papers of the All-Union Technical Conference] Povyshenie kachestva tsementirovaniia skvazhin; materialy Vsesoiuznogo tekhnicheskogo soveshchaniia. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 93 p.

OIL WELL DRILLING
(see also subdivision under Tuymazy)

Avloshenko, N.I. [Planning and calculating the cost of drilling oil and gas wells] Planirovanie i uchet stoimosti bureniia neftianykh i gazovykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 105 p. (V pomoshch' ekonomicheskomu obrazovaniiu neftianikov)

Comparing the automatic system of bit feed control in connection with surface and depth indicators. IA. B. Kadymov, B. A. Listengarten. Izv. AN Azerb. SSR no. 8:15-20 Ag '56.

Deflectors of the Groznyy Petroleum Research Institute used for turbodrilling. A. N. Shan'gin. Neft. khoz. 34 no. 10:7-12 O '56.

Determining hydraulic losses in well drilling. A. Kh. Mirzadzhanzade, A. A. Mirzoian. Izv. AN Azerb. SSR no. 8:73-82 Ag '56.

Drillers have assumed new obligations. Neftianik 1 no. 10:36 O '56.

Drilling innovators. Neftianik 1 no. 7:16a Jl '56.

The electric drill has demonstrated a speed of 3,726 meters per rig per month. I. Egorov. Neftianik 1 no. 10:22-23 O '56.

Experience of an instruction group. A. A. Smirnov. Neftianik 1 no. 8:11-13 Ag '56.

Extremum-controller for oil well turbodrilling equipment [with English summary in insert]. IU. I. Ostrovskii, M. G. Eskin. Avtom. i telem. 17 no. 9:775-786 S '56.

A 4,250-meter-deep well. M. I. Lainov, IU. V. Riabchinskii. Neftianik 1 no. 8:20-32 Ag '56.

How we are reducing auxiliary operations in drilling. A. P. Zheleznlak. Neftianik 1 no. 7:5-7 Jl '56.

How we attained a pace of 3338 meters per standard month. M. M. Beloglazov. Neft. khoz. 34 no. 10:64-67 O '56.

Initial deflections of wells. D. N. Bashkatov. Trudy MGRI 30:124-129 '56.

Kuliev, S. M., and R. A. Ioannesian. [Experience in drilling deep wells] Opyt bureniia sverkhglubokikh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 87 p.

Minin, A.A., A.A.Pogarskii, and K.A.Chefranov. [Boring wells without using casing; research and experience in industrial testing] Tekhnika bestrubnogo bureniia skvazhin; issledovaniia i opyt promyshlennykh ispytanii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 145 p.

Multiwell penetration of pools. A. M. Grigorian. Neftianik 1 no. 7:7-9 Jl '56.

Standard series of drilling rigs. G. N. Berzhets. Neft. khoz. 34 no. 10:1-6 O '56.

Turbodrilling multi-well penetrations curving abruptly from one point of origin. I. L. Ovchar. Trudy MGRI 30:130-139 '56.

Vinlarskii, M.S. [Overcoming difficulties in drilling] Bor'ba s oslozhneniiami pri burenii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 62 p.

OIL WELL DRILLING—BIBLIOGRAPHY see Bibliography—Oil well drilling

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

A-shaped rig with a 200-ton-load capacity. L. N. Egorov. Neft. khoz. 34 no. 10:15-16 O '56.

Improve the design of the drill bit feed mechanism. F. P. Kirichok. Neftianik 1 no. 10:23 O '56.

The operation and effectiveness of AUS-3. V. G. Tiulenev, S. A. Chernenko. Neftianik 1 no. 10:24-26 O '56.

Ponomareva, M. P. [Instruments for measuring hole deviation] Pribory dlia izmerenila krivizny skvazhin. Moskva, Uglotekhizdat, 1956. 34 p.

Soiuznefteburmashremont, Gosudarstvennyi soiuznyi trest. [Catalog: Spare parts for petroleum equipment] Katalog: Zapasnye chasti k neftianomu oborudovaniiu. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry.
Pt. 2. [Equipment for boring wells] Oborudovanie dlia bureniia skvazhin.
Section 6. [Swivels] Vertliugi.
No. 3. [ShV14-160 swivel] Vertliug ShV14-160. 1955. 7 p.
No. 4. [ShV5-75 swivel] Vertliug ShV5-75. 1955. 7 p.

Synchronous electric drive for mud pumps. M. A. Esibian, B. M. Pliushch. Energ. biul. no. 10:1-9 O '56.

Zhevago, K.A. [Internal combustion engines used in well drilling] Dvigateli vnutrennego sgoraniia, primeniaemye v burenii skvazhin. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 416 p.

OIL WELL DRILLING FLUIDS

Effect of drilling fluid, treated with an alkaline carbonate extract, on the hardening period of cement in deep wells. A. A. Ol'shtein. Neftianik 1 no. 10:14-16 O '56.

Hydraulic calculation of the circulating system of wells. B. S. Filatov. Trudy MGRI 30:84-91 '56.

Mobile apparatus for preparing drilling fluid. D. P. Bolotnikov. Razved. i okh. nedr 22 no. 9:54-56 S '56.

Using heavy clays in core drilling. N. E. Mitin. Neftianik 1 no. 7:10-11 Jl '56.

Using oil-base drilling fluid in well drilling. N. A. Mariampol'skii, A. N. IArov, N. N. Goncharov. Neftianik 1 no. 9:19-21 S '56.

OIL WELL LOGGING, RADIATION

Controlling hydraulic fracturing of oil sands by means of tagged atoms. S. F. Vybornykh. Neftianik 1 no. 7:19-23 Jl '56.

OIL WELL PUMPS

The AD-15M mechanism for screwing and unscrewing pump and compressor tubing. V. P. Semkin. Neftianik 1 no. 8:15-16 Ag '56.

Russia (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. Nauchno-tekhnicheskii sovet. [Improving the technique of oil well pumping; based on data from the session of the Engineering Council] Usovershenstvovanie tekhniki nasosnoi ekspluatatsii neftianykh skvazhin; po materialam sessii Tekhnicheskogo soveta. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 280 p.
[MICROFILM]

OIL WELLS

Answers to questions. V. M. Murav'ev. Neftianik 1 no. 7:34 Jl '56.

OIL WELLS—EQUIPMENT AND SUPPLIES

Boltless connection of brake shoes and bands for draw works. S. M. Daneliants. Neftianik 1 no. 9:21-22 S '56.

Struggling with iron packers in compressor wells. E. G. Iskenderov. Neftianik 1 no. 8:24-27 Ag '56.

Suspended packer. S. I. Sevost'ianov. Neftianik 1 no. 8 23 Ag '56.

Testing the production string for airtightness. V. D. Malevanskii. Neftianik 1 no. 8:19-21 Ag '56.

OIL WELLS—EQUIPMENT AND SUPPLIES—REPAIRING

The AD-15M mechanism for screwing and unscrewing pump and compressor tubing. V. P. Semkin. Neftianik 1 no. 8:15-16 Ag '56.

Extracting damaged casing from wells by unscrewing its sections. V. A. Khar'kov. Neftianik 1 no. 9:12-17 S '56.

Progressive method for restoring inactive and depleted wells. N. M. Niiazov. Neftianik 1 no. 7:24-27 Jl '56.

OILS, INSULATING see Insulating oils

OILS AND FATS

Alcoholysis of vegetable oils. E. E. Shkol'man, N. M. Voroshilova. Zhur. prikl. khim. 29 no. 9:1425-1431 S '56.

Diffusion coefficients for certain vegetable oils. V. V. Beloborodov. Zhur. prikl. khim. 29 no. 9:1437-1438 S '56.

Intensified method of extracting fat from bones. S. Matrozova S. Safonov. Mias. ind. SSSR 27 no. 5:34-35 '56.

"Leningrad" assembly line for extracting fat. A. Lapshin. Mias. ind. SSSR 27 no. 5:22-24 '56.

Liberman, S.G., and V.P.Petrovskii. [Manual for the rendering of animal fats] Spravochnik po protzvidstvu zhivotnykh zhirov. Izd. 2-oe, perer. i dop. Moskva, Pishchepromizdat, 1956. 427 p.

Neutral oils from wood tars. N. M. Stilshchenskaia. Gidroliz. i lesokhim. prom. 9 no. 4:11-13 '56.

Reducing industrial use of foodstuffs in the sixth five-year plan. P. Serebrennikov. Vop. ekon. no. 10:24-35 O '56.

Study on the toxic effect of tetracylines upon the animal organism [with summary in French, p. 63]. M. A. Guverniev and others. Antibiotiki 1 no. 4:18-20 Jl-Ag '56.

OILSEED PLANTS

Conditions for the procurement of certified oil plant seeds. Sel. i sem. 21 no. 4:60-64 '56.

Crambe as a valuable oilseed crop. E. V. Kucherov, N. K. Kislinskii. Zemledelie 4 no. 10:71-73 O '56.

Interesting book on new oilseed plants "New oilseed plants" by N. I. Sharapov. Reviewed by P. E. Sudnov. Zemledelie 4 no. 10:127-128 O '56.

OKHA—PETROLEUM INDUSTRY

Okha on Sakhalin. Neftianik 1 no. 10:18a-18b O '56.

OKHOTSK, SEA OF—LUMINESCENCE

"Shaped" luminescence in the Okhotsk Sea. V. T. Bogaevskii. Priroda 45 no. 10:112-113 O '56.

OKINAWA—DESCRIPTION AND TRAVEL

The truth about Okinawa. A. Sofronov. Ogonek 34 no. 44:20-22 O '56.

OKINAWA—LABOR AND LABORING CLASSES

Anger of the people. Vsem. prof. dvizh. no. 10:38-40 O '56.

OKRIBA—COAL

Authigenic minerals in coal-bearing deposits of Okriba in western Georgia. G. S. Dzotsenidze, N. I. Skhirtladze, I. D. Chechelashvili. Vop. min. osad. obr. 3/4: 326-336 '56.

OKRIBA—MINERALOGY

Authigenic minerals in coal-bearing deposits of Okriba in western Georgia. G. S. Dzotsenidze, N. I. Skhirtladze, I. D. Chechelashvili. Vop. min. osad. obr. 3/4: 326-336 '56.

OLBIA—EXCAVATIONS (ARCHAEOLOGY)

Excavations in Olbia in 1955. L. M. Slavin. Krat. soob. Inst. arkheol. AN URSR no. 6:27-32 '56.

OLBIA—STELE (ARCHAEOLOGY)

Two engimatic signs on a stele from Olbia. E. I. Solomonik. Krat. soob. Inst. arkheol. AN URSR no. 6: 50-54 '56.

OLD AGE HOMES see subdivision under Mikhailov; Primorsk

OLEFINS

Alkylation of naphthalene by unsaturated hydrocarbons contained in cracked gasoline. IU. G. Mamedaliev, Sh. T. Akhmedov. Uch. zap. AGU no. 1:23-32 '55.

OLEIC ACID

Influence of organic liquid admixtures upon the structure and the mechanical properties of water solutions of sodium oleate. Z. N. Markina, P. A. Rebinder. Dokl. AN SSSR 109 no. 6:1156-1159 Ag '56.

OLEKMA VALLEY—GEOLOGY, STRATIGRAPHIC

Characteristics of Proterozoic rocks of the Olekma-Vitim mountainous region. A. O. Rozentsvit. Inform. sbor. VSEGEI no. 2:12-19 '55.

OL'KHOVATKA DISTRICT (VORONEZH PROVINCE)—ARTIFICIAL INSEMINATION

Station for artificial insemination of cows and sheep serving several collective farms. F. Udodov, A. Zhilin. Zhivotnovodstvo 18 no. 10:73-74 O '56.

OLYMPIC GAMES
(see also subdivision under Melbourne)

Before the Olympic games. Ogonek 34 no. 47:29 N '56.

Club of interesting matches. I. Ippolitov. Vozhatyi 32 no. 10:26-29 O '56.

From the history of the Olympic games. S. Petrov. Fizk. i sport 26 no. 10:32 '56.

OLYMPIC GAMES—HISTORY

History of the Olympic games. V. Borilkevich. Smena 33 no. 21:24 N '56.

OMEI MOUNTAINS—DESCRIPTION AND TRAVEL

In the Omei Mountains. Kitai no. 10:20-21 O '56.

OMSK—DESCRIPTION

Changed city. A. Grigor'ev. Ogonek 34 no. 42:8 O '56.

OMSK PROVINCE—DIATOMS

New species of the genus Gomphonema Ag. L. M. Ermolaeva. Bot. mat. Otd. spor. rast. 11 49-50 Ja '56.

OMSK PROVINCE—DIATOMS, FOSSIL

Melosira miocaenica sp. nova from the Miocene of Western Siberia. E. A. Cheremisinova. Bot. mat. Otd. spor. rast. 11 60-61 Ja '56.

OMSK PROVINCE—LIBRARIES, RURAL

"A librarian at the gathering of the harvest." Reviewed by N. Metelkin. Bibliotekar' no. 10:44-45 O '56.

ONION BREEDING

Selecting pollinators of local onion varieties for growing crossbred onion seeds. M. F. Peregudt. Trudy VNIIKOP no. 5:172-184 '55.

ONIONS

Alkali method for cleaning onions. E. A. Davydova. Ryb. khoz. 32 no. 9:31 S '56.

ONIONS—VARIETIES

Kilinchi onion variety. B. T. Venediktov. Sel'khoz. Povol. no. 9:77-78 S '56.

ONTOGENY

Importance of the research on the origin of breed and productive characteristics in the ontogenic development of farm animals. S. N. Bogoliubskii. Zhivotnovodstvo 18 no. 10:39-48 O '56.

OPEN-HEARTH FURNACES
(see also subdivision under Frunze)

Advantages of tilting open-hearth furnaces as compared to stationary hearths. K. G. Trubin. Stal' 16 no. 9: 780-782 S '56.

Hoppers for charging loose materials into open-hearth furnaces. I. M. Krasinskii. Stal' 16 no. 9:845-846 S '56.

Materials for regenerator checkers in open-hearth furnaces. V. A. Konopasevich. Stal' 16 no. 9:853-854 S '56.

Over-all automatization of open-hearth furnace plants. G. A. Garbuz. Stal' 16 no. 9:782-789 S '56.

Replacing machine beds and roller bearings by tilting open-hearth furnaces. V. I. Bodrov, M. G. Ermolov, V. I. Bogachev. Stal' 16 no. 9:845 S '56.

Results of improving the performance of open-hearth furnaces. I. I. Kobeza. Vop. proizv. stali no. 3:85-89 '56.

Study of thermal processes in open-hearth furnaces. V. S. Kocho. Vop. proizv. stali no. 3:74-84 '56.

OPEN-HEARTH FURNACES—MODELS

Hydraulic model for investigating various methods of injecting oxygen to the flame jet in open-hearth gas furnaces. G. P. Ivantsov, M. P. Sobakin. Sbor. trud. TSNIICHM no. 13:207-228 '56.

OPEN-HEARTH FURNACES—SAFETY APPLIANCES

Test results for some collective and individual safety appliances used during metal pouring in open-hearth plants. N. I Smol'nikov. Ozdor. usl. trud. na zav. no. 6:44-57 '56.

OPEN-HEARTH PROCESS

[illegible])

cess. IU. V. 3:142-152 '56.

lting on the

OPERATIONS RESEARCH

Practical experience in using theoretical-probability calculations for high precision in industrial processes. A. V. Derbisher. Avt. i trakt. prom. no. 9:1-5 S '56.

OPERATORS (MATHEMATICS)

Proof for the Kaplansky hypothesis. F. V. Shirokov. Usp. mat. nauk 11 no. 4:167-168 Jl-Ag '56.

Spectral expansion of self-adjoint operators. V. D. Liubovin. Usp. mat. nauk 11 no. 4:139-142 Jl-Ag '56.

Study of the spectrum and eigenfunction expansion of certain non self-adjoint operators., Z. I. Khalilov. Uch. zap. AGU no. 1:15-22 '55.

OPOSHNYA DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

How we ensure full circulation. V. Demchenko. Raspr. pech. no. 9:7-8 S '56.

OPTIC NERVE—DISEASES

"Diseases of the optic tract." E. Zh. Tron. Reviewed by A. IA. Samoilov. Vop. neirokhir. 20 no. 5:61-62 S-O '56.

OPTIC NERVE—TUMORS

Neurinoma of the eye (optic nerve) [with summary in English]. Ves. Mikhailov, R. Raichev, Vl. Andreev. Vop. onk. 2 no. 4:452-457 '56.

OPTIC THALAMUS—BLOOD SUPPLY

Coagulation of the thalamo-turberine artery for cutting off the blood supply to the anterior section of the thalamus in dogs. G. S. Vasil'chenko. Vop. neirokhir. 20 no. 4:15-18 Jl-Ag '56.

OPTICAL INSTRUMENTS

Kruger, M. IA., and B. M. Kulizhnov. [Designing optical and mechanical instruments] Konstruirovanie optiko-mekhanicheskikh priborov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1948. 218 p.

[MICROFILM]

Multimeter rod gauge machines with simplified optical arrangements. F. P. Volosevich. Izm. tekh. no. 4: 66-67 Jl-Ag '56.

Simple device for measuring the distance between conductors at intersections of overhead lines. N. L. Gol'man. Energetik 4 no. 10:27-28 O '56.

The tenth D. S. Rozhdestvenskii memorial lecture. Opt. i spektr. 1 no. 3:447-448 Jl '56.

OPTICAL ROTATION

Conversions of organic compounds over aluminosilicate catalysts. Part 9. Study of the optical activity during the conversion of $\alpha$-pinene by means of active clays. I. S. Sattar-Zade. Uch. zap. AGU no. 9:13-16 '55.

OPTICS

"Einführung in die Physik. Dritter Band. Optik und Atomphysik" [in German] R. W. Pohl. Reviewed by N. Tolstoi. Opt. i spektr. 1 no. 3:443-444 Jl '56.

OPTICS, ELECTRONIC see Electron optics

ORBITS

Characteristics of the motion of a gravitating body in a resisting medium. V. G. Fesenkov. Astron. zhur. 33 no. 4:614-621 Jl-Ag '56.

Development of Kepler's coordinates of motion for the case when eccentricity is near unity. N. B. Elenevskata. Dop. ta pov. L'viv. un. no. 4, pt. 2:66-67 '53.

Expanding convergence fields in developing Kepler's coordinates of motion. IA. S. Podstrigach. Dop. ta pov. L'viv. un. no. 3, pt. 2:44-45 '52.

ORCHARDS see Fruit culture

[illegible]les of the construction of artil-
[illegible]a ustroistva material'not chas-
[illegible]oen. izd-vo Ministerstva obor.

[illegible]NIST YOUTH LEAGUE
[illegible]s, E. Teplitakova and others.
[illegible]6-62 O '56.

[illegible]r Balkhash region; Kirghiz-
[illegible]a; Yenisey Ridge)
[illegible]ding the origin of ores
[illegible] and ore deposition." Review-
[illegible]nform. sbor. VSEGEI no. 2:

[illegible] geology of ore deposits. V. I.
[illegible]l. znan. no. 6:239-247 '56.
[illegible]d to the determination of
[illegible] ore deposits. D. M. Rura.
[illegible]. 9:18-24 S '56.
[illegible] in connection with ore
[illegible]alova. Trudy VAGT no. 1:

[illegible]specting. V. I. Smirnov.
[illegible] no. 3:448-450 '56.
[illegible] of the sea as a factor in ore
[illegible] Vop. min. osad. obr. 3/4:

Origin and description of banded ores of the Kalata deposits. O. P. Polinkova. Izv. AN SSSR. Ser. geol. 21 no. 8:78-90 Ag '56.

Peculiarities of conducting trace-metal prospecting under varying natural conditions. III. V. Shatkov. Razved. i okh. nedr 22 no. 8:18-22 Ag '56.

Results of the all-Union conference on geochemical methods of prospecting for ore deposits. V. I. Krasnikov. Razved. i okh. nedr 22 no. 7:34-35 Jl '56.

Review of the collected articles edited by N. N. Kurets "Changed rocks adjacent to ore bodies and their prospecting significance." Reviewed by N. I. Borisyakii, M. B. Borodaevskaia. Zap. Vses. min. ob-va 2 no. 3:444-446 '56.

Some types of sedimentary-metamorphic deposits. II. Serdiuchenko. Vop. min. osad. obr. 3/4:[illegible] '54

ORE DEPOSITS—BIBLIOGRAPHY see Bibliography—Ore deposits

ORE DRESSING

Feasibility of establishing an index of technical effectiveness and heat indexes for the ore dressing process. A. Baiula. Ugol' 31 no. 10:33-36 O '56.

Fishman, M. A. [Principles of ore dressing] Osnovy obogashcheniia poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 270 p.

OREKHOV, ALEKSANDR PAVLOVICH, 1881-

Academician Aleksandr Pavlovich Orekhov; on the 75th anniversary of his birth. R. A. Konovalova, M. S. Malinovich. Khim. nauka i prom. 1 no. 4:469-471 '56.

OREKHOVO-ZUYEVO—RED CROSS

Great force. V. Alekseev. Nov. kran. kreml 6 no. 5:4-5 S-O '56.

OREL PROVINCE—ARTIFICIAL INSEMINATION

State station for artificial insemination of farm animals at the Orel State Stables. N. Zelenuk. Konevodstvo 20 no. 11:18-22 N '56.

ORES

"Atlas of ore structures and textures." S. I. Tsitsiia, N. F. Gorcharik, G. N. Entkeeva, N. B. Rozina. Reviewed by M. P. Isaenko, S. A. Ushakov. Izv. AN SSSR. Ser. geol. 21 no. 9:115-116 S '56.

How old are ores? V. Klimova. Ogonek 34 no. 47:29 N '56.

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS—SPECTRA

Infrared spectra of $\alpha$-oxides. S. G. Skorokhodov. Vest. Len. un. 11 no. 16:110-116 '56.

ORGANIZATION, INDUSTRIAL see Industrial organization

ORGANO-METALLIC COMPOUNDS

Morphotropy and polymorphism of intermetallic phases of RX and $RX_2$ type compounds. P. I. Krypiakevych. Dop. ta pov. L'viv. un. no. 3, pt. 2:25-26 '52.

ORIENTAL STUDIES

List of scholarly publications. A. A. Dragunov. Kratk. soob. Inst. vost. no. 18:94-95 '56.

Paths of the development of Soviet Oriental studies. N. I. Konrad. Vop. iaz. 5 no. 5:3-9 S-O '56.

ORIENTAL STUDIES—CONGRESSES see subdivision under Cambridge, England

ORIENTATION

Proper muscular apparatus of analyzers; with reference to simple orientation reflexes. D. G. Kvasov. Fiziol. zhur. 42 no. 8:621-631 Ag '56.

Unconditioned orientation reaction to sound and its extinction in rabbits. D. P. Matiushkin. Fiziol. zhur. 42 no. 8:630-647 Ag '56.

ORIENTATION (TOPOGRAPHY)

The article "The horizon" in the book of readings for the third grade. P. N. Karnitskii. Nach. shkola 24 no. 10:60 O '56.

Space orientation. A. P. Popov. Vest. Vozd. Fl. 38 no. 5:40-52 My '56.

ORIGIN OF LIFE see Life—Origin

ORIGIN OF SPECIES

Basic trends in the formation of species in connection with the origin of plant types in Central Asia. P. N. Ovchinnikov. Trudy AN Tadzh. SSR 31:107-140 '55.

ORLOV PROVINCE—TELECOMMUNICATION

Work experience of an interdistrict control worker. N. P. Zhirikova. Vest. sviazi 16 no. 9:21 S '56.

ORNAMENTAL PLANTS see Plants, Ornamental

ORPHANS AND ORPHANAGES
(see also subdivision under Poltava)

The organization, program, and methodology of a daily hour of physical exercise in a home for school-age children. M. A. Kalmykov. Izv. Akad. ped. nauk RSFSR no. 63:133-153 '56.

ORTHODOX EASTERN CHURCH
(see also subdivision under Bulgaria; Palestine)
Prelatic activities. Zhur. Mosk. Patr. no. 7:17-18 Jl '56.
Prelatic activities. Zhur. Mosk. Patr. no. 8:6-7 Ag '56.

ORTHODOX EASTERN CHURCH—BIBLIOGRAPHY see Bibliography—Orthodox Eastern Church

ORTHODOX EASTERN CHURCH—CLERGY
Resolutions of the Holy Synod. Zhur. Mosk. Patr. no. 7: 13 Jl '56.

ORTHODOX EASTERN CHURCH—HISTORY
Andreev, I.M. [Brief survey of the history of the Russian Church from the Revolution to the present day] Kratkii obzor istorii Russkoi TSerkvi ot revoliutsii do nashikh dnei. Jordanville, N.Y., Holy Trinity Monastery, 1951. 180 p.
(NIC)
Russian Orthodox Church and the Orthodox East (conclusion). A. Ivanov. Zhur. Mosk. Patr. no. 7;58-63 Jl '56.

ORTHODOX EASTERN CHURCH—LITURGY AND RITUAL
Some trends in the liturgy of the Orthodox Church in the U.S.S.R. D. Konstantinov. Vest. Inst. po izuch. SSSR no. 3:105-115 Jl-S '56.

ORTHODOX EASTERN CHURCH—PERIODICALS
"Zhurnal Moskovskoi Patriarkhii," nos. 8-10, 1955. Reviewed by N.Grigor'ev. Vest. Inst. po izuch. SSSR no. 3: 134-138 Jl-S '56.

ORTHODOX EASTERN CHURCH—RELATIONS
Foreign guests in the Moscow Patriarchate. Zhur. Mosk. Patr. no. 7:14 Jl '56.
Representatives of the Russian Orthodox Church attend receptions in honor of foreign guests. Zhur. Mosk. Patr. no. 7:14 Jl '56.

ORTHODOX EASTERN CHURCH—RELATIONS—CHURCH OF ENGLAND
Arrival of the Church of England delegation in Moscow. Zhur. Mosk. Patr. no. 8:5 Ag '56.

ORTHODOX EASTERN CHURCH—RELATIONS—EVANGELICAL CHURCH
From Professor Iwand's letter. Zhur. Mosk. Patr. no. 8:67-68 Ag '56.
Trip to West Germany at the invitation of the Evangelical Church. L. Parfiskii. Zhur. Mosk. Patr. no. 8:66-67 Ag '56.

ORTHODOX EASTERN CHURCH—RELATIONS—EVANGELICAL CHURCH IN GERMANY
Departure of a group of Russian Orthodox theologians for the German Federal Republic. Zhur. Mosk. Patr. no. 7:16 Jl '56.

ORTHODOX EASTERN CHURCH—RELATIONS—NATIONAL COUNCIL OF THE CHURCHES OF CHRIST IN THE UNITED STATES OF AMERICA
The delegation of representatives of the Christian churches has left for Moscow. Zhur. Mosk. Patr. no. 7:15 Jl '56.
Departure of the Russian Christian church leaders' delegation for the United States. Zhur. Mosk. Patr. no. 7: 14-15 Jl '56.
Return of the church delegation to Moscow. Zhur. Mosk. Patr. no. 7:15 Jl '56.

ORTHODOX EASTERN CHURCHES—RELATIONS—PROTESTANT CHURCHES
Address to the assembly of the National Council of the Churches of Christ in the U.S.A. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 8:41-42 Ag '56.
Communique. Zhur. Mosk. Patr. no. 8:42-43 Ag '56.
Letters from the National Council of the Churches of Christ in the U.S.A. Zhur. Mosk. Patr. no. 8:3-5 Ag '56.
Noteworthy and historical days. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 8:22-38 Ag '56.
Statement by Nikolai, Metropolitan of Krutitsk and Kolomna, prior to the initiation of discussion with the representatives of the National Council of the Churches of Christ in the United States of America. Zhur. Mosk. Patr. no. 8:38-39 Ag '56.
Statement on arriving in the U.S.A. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 8:39 Ag '56.

ORTHODOX EASTERN CHURCH, UKRAINIAN—DIRECTORIES see subdivision under United States

ORTHOPEDIC APPARATUS
Follow-up on the decisions of a conference. S. Poznikov. Sots. obesp. 17 no. 10;43-46 O '56.
"There's a screw loose." K. Polikarpov. Sots. obesp. 17 no. 10;46-48 O '56.
Unweighting, fixation orthopedic apparatus of a new construction. L. Mirumian. Sots. obesp. 17 no. 10; 39-42 O '56.

Urazakov, I.U. [Collosilicate] Kollosilikat; sposoby ego polucheniia v usloviiakh lechbnogo uchrezhdeniia i primeneniia v ortopedicheskoi i khirurgicheskoi praktike. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 53 p.
(DAFM)
A word to suppliers. A. Nazarov. Sots. obesp. 17 no. 10;49 O '56.

OSCILLATORS, CRYSTAL
Characteristics of elementary oscillators and polarization of photoluminescence in cubic crystals. P. P. Feofilov. Opt. i spektr. 1 no. 2;131-142 Je '56.

OSCILLATORS, ELECTRIC
Chopped wave tests. M. F. Pashin. Elektrichestvo no. 9;89-90 S '56.
Method of determining the frequency characteristics of industrial equipment to be controlled. N. I. Davydov and others. Teploenergetika 3 no. 9;35-42 S '56.
On the possibility of extending the concept of similarity to multiresonator magnetrons having different numbers of resonators. I. E. Rogovin. Radiotekh. i elektron. 1 no. 1;51-70 Ja '56.
Synchronization of oscillators by radio pulses with sloping edges. E. S. Voronin, R. V. Khokhlov. Radiotekh. i elektron. 1 no. 1;79-87 Ja '56.

OSCILLATORS, ELECTRON-TUBE
The problem of phase fluctuations in an electron-tube oscillator. S. M. Rytov. Radiotekh. i elektron. 1 no. 1;114-119 Ja '56.
Pulse stabilization (from "ETZ - A" no. 11 '55). Elektrichestvo no. 9;85 S '56.
When can a nonstationary random process be substituted for a stationary one. V. I. Tikhonov. Zhur. tekh. fiz. 26 no. 9;2057-2059 S '56.

OSCILLATORS, TRANSISTOR
Analysis of some resistor-capacitor oscillator circuits having transistor triodes. G. A. Arkhangel'skii. Elektrosviaz' 10 no. 9;85-90 S '56.
Power indices of transistor oscillators having separate excitation in the supercritical frequency band. S. M. Gerasimov. Elektrosviaz' 10 no. 9;68-82 S '56.

OSCILLOGRAPH
(see also subdivision under Great Britain)
Electron-tube oscillograph for schools. K. F. Karavtsev. Fiz. v shkole 16 no. 5;60-63 S-O '56.
Experiments with an electron-tube oscillograph. P. I. Karasov. Fiz. v shkole 16 no. 5;64-66 S-O '56.
Homemade oscillograph with three mirrors. I. M. Rachek. Fiz. v shkole 16 no. 5;66-68 S-O '56.
Method of increasing sensitivity in oscillographs. G. Davydov. Radio no. 9;53-54 S '56.

OSCILLOGRAPH, CATHODE RAY see Cathode ray tubes

OSININ, N.
N. Osinin's stories ("Hide-and-seek." N. Osinin. Reviewed by IUrii Sal'nikov). Sib. ogni 35 no. 4;180-182 Jl-Ag '56.

OSIPOVICHI DISTRICT—MACHINE-TRACTOR STATIONS
A man moves ahead; a sketch. M. Plankrat. Belarus' 13 no. 10;3-4 O '56.

OSMOSIS
Structural and osmotic properties of colloidal and sedimented copper ferrocyanide membranes. I. F. Karpova, L. A. Ignat'eva. Vest. Len. un. 11 no. 16: 105-109 '56.

OSSETIA—AGRICULTURE
Agriculture of the North Ossetian Autonomous S.S.R. at the 30th anniversary of its autonomy. K. Kh. Dzokaev. Izv. Sev.-Oset. nauch.-issl. inst. 16;101-111 '54.

OSSETIA—ECONOMIC CONDITIONS
Socialist reforms in Northern Ossetia under Soviet rule. K. KH. Dzokaev. Izv. Sev.-Oset. nauch.-issl. inst. 16: 15-47 '54.

OSSETIA—HISTORY
Class problems in Northern Ossetia in the second half of the 19th and the beginning of the 20th century. B. V. Skitskii. Izv. Sov.-Oset. nauch.-issl. inst. 16;69-100 '54.
Glorious pages from the history of the Ossetian people. K. Kh. Dzokaev, M. S. Totoev. Izv. Sev.-Oset. nauch.-issl. inst. 16;3-14 '54.
The Ossetian people in its struggle against muridism and Shāmil. M. S. Totoev. Izv. Sev.-Oset. nauch.-issl. inst. 16;48-68 '54.

OSSETIA—SOILS
Rubilin, E. V. [Soils of the foot hills and piedmont plains of Northern Ossetia; origin, characteristics and economic use] Pochvy predgorii i pregornykh ravnin Severnoi Osetii; proiskhozhdenie, svoistva i khoziaistvennoe ispol'zovanie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 229 p.

OSSETIA—WALL NEWSPAPERS
Review of wall newspapers. Prom. koop. no. 10:27 O '56.

OSSETIC LANGUAGE—DICTIONARIES—RUSSIAN
"Ossetic-Russian dictionary"(20 thousand words). B. B. Bigulaev and others. Reviewed by T. Z. Kozyreva. Izv. Sev.-Oset. nauch.-issl. inst. 16:151-157 '54.

OSSETIC LANGUAGE—GRAMMAR
Serious mistakes in a grammar of the Ossetic language [in Ossetic]. N. K. Kulaev. Izv. Sev.-Oset. nauch.-issl. inst. 16;135-150 '54.

OSSETIC LANGUAGE—SUFFIXES AND PREFIXES
Verbal prefixes and their basic functions in the Ossetic language. T. Z. Kozyreva. Izv. Sev.-Oset. nauch.-issl. inst. 16;112-132 '54.

OSTEOMYELITIS
Case of acute hematogenic osteomyelitis of the sternum. G. N. Gorskii. Voen.-med. zhur. no. 7:87 Jl '56.
Conservative radical surgery in chronic gunshot osteomyelitis. L. M. Filenko. Khirurgiia. 32 no. 7:34-37 Jl '56.
Topographicoanatomical principle of muscular tampons in femoral cavities [with summary in English, p. 159]. G. U. Ostapenko. Vest. khir. 77 no. 9;32-38 S '56.
Treatment of chronic osteomyelitis. A. A. Troitskii. Khirurgiia. 32 no. 7;29-34 Jl '56.
Two cases of total hematogenous osteomyelitis of the femur and the shin bone. M. K. Akmaiov. Khirurgiia. 32 no. 7;80-82 Jl '56.

OSTROGOZHSK DISTRICT—BUILDING MATERIALS
Made of local building materials. N. I. Molchanov. Kartofel' no. 4;20-21 S-O '56.

OSTROMECHEVO—LIBRARIES, RURAL
First rural po lic library in White Russia. K. Mavricheva. Bibliotekar' no. 11;37-40 N '56.

OSTROVSKII, NIKOLAI ALEKSEEVICH, 1904-1936
Word of a young critic ("Nikolai Ostrovskii, an artist of words," Mykhailo Lohvynenko. Reviewed by Grigorii Vartanov). Sov. Ukr. 6 no. 10;175-177 O '56.

OSWIECIM, POLAND—CHEMICAL INDUSTRIES
Giant of the Polish chemical industry. Stefan Senkowski. Priroda 45 no. 11;58-61 N '56.

OTČENÁŠEK, JAN
Citizen Brych makes a choice ("Citizen Brych" [in Czech]. Jan Otčenášek. Reviewed by IU. Molochkovskii). Nov. vrem. 14 no. 43;24-26 O '56.

OTORHINOLARYNGOLOGY
Further remarks on complicating diseases. M. S. Mikhelovich. Vest. oto-rin. 18 no. 5:114-115 S-O '56.
Garlic and eucalyptus phytoncides in some diseases of the ear, nose and throat. E. I. Linde, V. IA. Rodina. Vest. oto-rin. 18 no. 5:97-98 S-O '56.
Otorhinolaryngological examination of swimmers. A. M. Levando. Teor. i prak. fiz. kul't. 19 no. 9;690-695 '56.
Use of a hemostatic sponge and a hemostatic tampon with antibiotics in otolaryngological surgery. S. S. Grobshtein. Vest. oto-rin. 18 no. 5:26-28 S-O '56.
The work of an otolaryngologist in districts of virgin soil and fallow land reclamation. E. I. IAroslavskii. Vest. oto-rin. 18 no. 5:28-33 S-O '56.

OTORHINOLARYNGOLOGY—ABSTRACTS see subdivision under Czechoslovakia; Germany

OTORHINOLARYNGOLOGY—SOCIETIES
Report of the All-Union Society of Otorhinolaryngologists for 1955. A. G. Likhachev, G. I. Tikhomirov. Vest. oto-rin. 18 no. 5;79-91 S-O '56.

OTOSCLEROSIS
Peculiarities of vascular reflex reactions in otosclerosis. M. I. Krotova-Vodop'ianova. Vest. oto-rin. 18 no. 5: 96 S-O '56.
"Restoration of hearing in otosclerosis by mobilization of a fixed membrane of the stapes" [in English]. S. Rosen. Reviewed by I. I. Shcherbatov. Vest. oto-rin. 18 no. 5:75-77 S-O '56.
"Surgical treatment of defective hearing in otosclerosis." A. A. Atkarskaia. Reviewed by K. L. Khilov. Vest. oto-rin. 18 no. 5:64-67 S-O '56.

OVARIES—TUMORS
Cystic form of Brenner's ovarian tumor. S. A. Apetov. Akush. i gin. 32 no. 4;76-78 Jl-Ag '56.
Effect of the administration of synestrol and testosterone propionate on experimental ovarian tumors induced by X rays in mice [with summary in English]. I. D. Nechaeva. Vop. onk. 2 no. 4;397-405 '56.
Estrogen-producing tumors of the ovaries. E. N. Androsova. Akush. i gin. 32 no. 4;74-76 Jl-Ag '56.
Metastases of ovarial tumor simulating thrombosis of the cavernous sinus. A. A. Kravchenko. Vest. oto-rin. 18 no. 5;115-116 S-O '56.
Ovarian neoplasms of the Brenner type. B. I. Zheleznov. Akush. i gin. 32 no. 4;78-82 Jl-Ag '56.

OVERVOLTAGE
Oxygen overvoltage at a cobalt electrode with high current densities. IA. I. Tur'ian, I. A. Gershkovich. Zhur. prikl. khim. 29 no. 4;600-606 Ap '56.

OXALIC ACID

Characteristics of the oxalic method of measuring ultraviolet radiation. A. A. Generalov. Gig. i san. 21 no. 10:15-20 O '56.

OXIDATION

Certain problems connected with the liquid phase oxidation of hydrocarbons. IA. B. Chertkov. Zhur. prikl. khim. 29 no. 9:1405-1411 S '56.

Studying the kinetics and chemistry of the hydrocarbon oxidation in the liquid phase (conference in Moscow). L. K. Obukhova. Vest. AN SSSR 26 no. 9:103-105 S '56.

OXIDATION, PHYSIOLOGICAL

Certain indexes of oxidation processes in chronic stages of schizophrenia. V. P. Kutin. Fiziol. zhur. [Ukr.] 1 no. 5:74-83 S-O '55.

Mikhlin, D.M. [Biological oxidation] Biologicheskoe okislenie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 442 p.

OXIDES

Liquation in the ternary system CaO - BaO - $SiO_2$. I. A. Bondar'. Zhur. neorg. khim. 1 no. 7:1539-1542 Jl '56.

OXIDES—ELECTRIC PROPERTIES

Electroconductivity of the oxides of Group II in Mendeleev's periodic system [with English summary in insert]. A. P. Nekhodnova. Zhur. fiz. khim. 30 no. 7: 1469-1472 Jl '56.

OXYACETYLENE WELDING AND CUTTING see Gas welding and cutting

OXYGEN

Air rectification in stages. S. IA. Gersh. [Trudy] MVTU no. 17:5-36 '53.

Effect of the degree of oxidation of the platinum anode on the rate of electrochemical oxygen evolution in sulfuric acid solutions [with English summary in insert]. E. A. Efimov, A. N. Izgaryshev. Zhur. fiz. khim. 30 no. 7: 1606-1614 Jl '56.

Experimental determination of the thermal conductivity of liquid oxygen. N. V. TSederberg, D. L. Timrot. Zhur. tekh. fiz. 26 no. 8:1849-1858 Ag '56.

Method of investigating gaseous oxygen reactions at pressures up to 5000 atm [with English summary in insert]. D. S. TSiklis. Zhur. fiz. khim. 30 no. 7: 1670-1671 Jl '56.

Nature of the surface and sorptive properties of activated carbons. Part 2. Study of the effect of chemical adsorption and chemisorption of oxygen on the adsorptive properties of activated carbons with the use of water vapors. M. M. Dubinin, E. D. Zaverina. Izv. AN SSSR. Otd. khim. nauk no. 9:1038-1049 S '56.

Peculiarities in oxygen absorption during aerobic assimilation of glucose and xylose by growing yeast. M. A. Ter-Karapetian, M. N. Malatian. Dokl. AN Arm. SSR 23 no. 1:29-34 S '56.

Results of oxyhemometric investigations under Alpine conditions. V. I. Voitkevych. Fiziol. zhur. [Ukr.] 1 no. 4:121-129 Jl-Ag '55.

OXYGEN—ANALYSIS

Oxygen meter. V. D. Mironov. Teploenergetika 3 no. 9:61 S '56.

OXYGEN—INDUSTRIAL APPLICATIONS

Behavior of oxygen in an electric furnace bath in the process of metal smelting by oxygen blasting. Sbor. trud. TSNIICHM no. 13:354-367 '56.

Best thermal conditions for smelting using oxygen. G. P. Ivantsov, M. P. Sobakin, V. S. Chistiakov. Sbor. trud. [illegible] '56.

converter process for open- ...covoi and others. Sbor. 6.

Use of oxygen in iron founding. L. I. Levi. Lit. proizv. no. 10:1-5 O '56.

Use of oxygen in steel smelting. V. G. Voskobointkov. Sbor. trud. TSNIICHM no. 13:12-17 '56.

Use of oxygen in the current production of the Zaporozhstal' open-hearth furnace plant. B. V. Sevruk, A. V. Leskov, I. S. Marakhovskii. Sbor. trud. TSNIICHM no. 13:38-55 '56.

Use of oxygen in transformer steel smelting. IA. M. Bokshitskii. Sbor. trud. TSNIICHM no. 13:340-353 '56.

OXYGEN—ISOTOPES

Concentrating the $C^{13}$ and $O^{18}$ isotopes in carbon monoxide by the thermal diffusion method [with English summary in insert]. G. M. Panchenkov, V. D. Moiseev. Zhur. fiz. khim. 30 no. 7:1662-1667 Jl '56.

OXYGEN—SPECTRA

Absorption spectra of liquid oxygen and its mixtures with nitrogen in the 10600-2800 Å range. V. I. Dianov-Klokov. Opt. i spektr. 1 no. 5:650-657 S '56.

OXYGEN—THERAPEUTIC USE

Oxygen for treating ascariasis. A. S. Mishchenko. Voen.-med. zhur. no. 7:89-90 Jl '56.

Simple method of dosed oxygen administration in expelling helminths. V. V. Blank. Sov. med. 20 no. 9:86 S '56.

Subcutaneous oxygen injection in some skin diseases. IA. I. Batkin. Voen.-med. zhur. no. 7:85 Jl '56.

OXYGEN WELDING AND CUTTING see Gas welding and cutting

OXYMURIATIC ACID see Chlorine

OYSTERS—DISEASES AND PESTS

Occurrence of Pacific faunal elements in the Black Sea. E. I. Drapkin. Trudy probl. i tem. sov. no. 6:151-154 '56.

OZONE

Method for calculating the vertical distribution of ozone in the atmosphere. V. N. Pokrovskii. Trudy TSAO no. 16:21-25 '56.

Preparation of ozone in a silents electric discharge. V. G. Fastovskii, A. E. Rovinskii. Zhur. prikl. khim. 29 no. 9:1309-1315 S '56.

Role of the surface in the thermal decomposition of ozone. N. A. Kleimenov, A. M. Markevich. Dokl. AN SSSR 110 no. 1:105-107 S-O '56.

PACIFIC OCEAN—FISHERIES—CONGRESSES

International conference on fishery research in the Western Pacific. P. A. Moiseev. Ryb. khoz. 32 no. 10:44-47 O '56.

PACIFIC OCEAN—POGONOPHORA

Pogonophora of the northwestern Pacific. A. V. Ivanov. Trudy probl. i tem. sov. no. 6:20-21 '56.

PACIFIC OCEAN—SALMON

Certain problems concerning the biological foundation of acclimatizing the Pacific salmons. A. I. Smirnov. Ryb. khoz. 32 no. 10:54-56 O '56.

PACKAGING MACHINERY

"Adjusting and operating Chernenko packaging machines." V. I. Zagashev. Reviewed by V. S. Etkin. Tabak 17 no. 3:58 '56.

Machine packaging of granulated sugar. N. N. Lobach, L. M. Radetskii. Sakh. prom. 30 no. 7:33-35 Jl '56.

Testing of a machine for packing cans in boxes. Z. G. Zverev, R. T. Orel. Ref. nauch. rab. VNIIKOP no. 3:14-17 '55.

PACKING (MECHANICAL ENGINEERING)

Standardizing rotating shaft packings. K. V. Zaitseva. Stan. i [illegible] 27 no. 9:37-39 S '56.

PAIN

Effect of tactile-pain stimulation on the [illegible] nancy and vitality of the fetus. F. M. [illegible] Tripol'skaia. Biul. eksp. biol. i med. [illegible] S '56.

What's new in the science of pain. S. D. [illegible] Priroda 45 no. 10:23-29 O '56.

PAINT

Paints made of peat ashes. F. S. Stelkin. [illegible] no. 11:10 N '56.

Paints of old Russia. P. M. Lukianov. [illegible] no. 11:77-82 N '56.

Study of protective properties of varnish and [illegible] coatings by the electrochemical method. [illegible] M. I. Kartokina, Z. IA. Berezinetsva. [illegible] no. 5:276-280 Jl-Ag '56.

Varnishes and paints resistant to effects. [illegible] Gidroliz. i lesokhim. prom. 9 no. 4:10 '56.

PAINT REMOVERS

Varnish and paint remover. A. Vorob'ev. [illegible] 13 no. 9:19 S '56.

PAINTING

Traditions. V. Bakshcev. Ogonek 34 [illegible] '56.

PAINTING, INDUSTRIAL

The D-340 all-purpose painting machine. [illegible] N. K. Vertinskii, V. T. Radkevich. Stroi. [illegible] str. 1 no. 10:25-26 O '56.

High-grade painting of transoms, doors, and [illegible] A. Shepetev. Sel'. stroi. 11 no. 9:19-21 S '56.

PAINTING OF MACHINERY see Machinery—Painting

PAINTINGS, BELGIAN—EXHIBITIONS see subdivision under Moscow

PAINTINGS, FRENCH

French painters. E. Nikolaeva. Ogonek 34 [illegible] '56.

French painters of the 19th century. Biblotetka 34 no. 10:16b-d O '56.

French painting. A. Abramova. Krest'ianka [illegible] 35 no. 11:17 N '56.

PAINTINGS, FRENCH—EXHIBITIONS
(see also subdivision under Moscow)

From David to Cezanne. M. Edovina. Neva [illegible] S '56.

PAINTINGS, INDONESIAN

Paintings from the collection of President [illegible] Kitai no. 10:25-27 O '56.

PAINTINGS, INDONESIAN—EXHIBITIONS see subdivision under Moscow

PAINTINGS, UKRAINIAN

The Great Mason in the works of Ukrainian painters O. Kniazh. Mystetstvo no. 4:5-9 Jl-Ag '56.

P'AIP'ENYAO, CHINA

Beginning anew in P'aip'enyao. G. Borovoik. Ogonek 34 no. 40:10-12 S '56.

PAKHOMOV, FEDOR IVANOVICH

Thirty-three years behind the wheel. V. Kerzhentsev. Avt. transp. 34 no. 9:36 S '56.

PAKISTAN

Pakistan, an Islamic Republic. Otv. za vyp. [illegible] 51-57 '56.

PALACES see subdivision under Petrodvorets

PALANGA—CONCERTS

Palanga. Sov. muz. 20 no. 9:110 S '56.

PALEOBOTANY see subdivision under Lvov Province; Selety Valley; Ushchomerovo, Lake

PALEOBOTANY, STRATIGRAPHIC see subdivision under Badhyz

PALEOGEOGRAPHY see subdivision under Lvov Province; Ukraine; Yenisey Valley

PALEONTOLOGISTS

Paleontologists of the last century. R. F. Gekker. Och. po ist. geol. znan. no. 5:99-131 '56.

PALEONTOLOGY see subdivision under China; Issa District; Nero, Lake; Taymyr Peninsula

PALEONTOLOGY, STRATIGRAPHIC
(see also subdivision under Chakel'mes Hills; Dzungarian Ala-Tau; Galician-Volyn Lowland; Kokpekty; Ushchomerovo, Lake)

Lifetime injuries of the shells of Jurassic ammonites. N. V. Beznosov, A. A. Shevyrev. Vest. Mosk. un. 11 no. 6:123-130 Je '56.

PALESTINE—ORTHODOX EASTERN CHURCH

Letters from Palestine. Zhur. Mosk. Patr. no. 7:23-31 Jl '56.

PALEWSKI, GASTON, 1901-

People and events; biographical notes. Nov. vrem. 14 no. 44:20 O '56.

PALLADIN, OLEKSANDR VOLODYMYROVYCH, 1885-

Oleksandr Volodymyrovych Palladin; 70th anniversary of his birth and 50th anniversary of his scientific, social, and pedagogical activities. Fiziol. zhur. [Ukr.] 1 no. 4:3-4 Jl-Ag '55.

PALLADIUM

X-ray analysis of the correlation between the structure of palladium catalysts, the conditions of electric supply, and the heat treatment. V. D. Ruchkina. Izv. AN SSSR. Ser. fiz. 20 no. 7:761-763 Jl '56.

PALMS see subdivision under Sukhumi

PAMIRS—BIRDS

Data on the molting of birds in high mountain regions. A. V. Popov. Dokl. AN Tadzh. SSR no. 16:89-92 '56.

PAMIRS—BOTANY—ECOLOGY

Sveshnikova, V. M. [Root systems of Pamir plants] Kornevye sistemy rastenii Pamira. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1952. 120 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, vol. 4)

PAMIRS—DESCRIPTION AND TRAVEL

Luknitskii, P.N. [Travels in the Pamirs] Puteshestvie po Pamiru. Moskva, Molodaia gvardiia, 1955. 591 p. (NN)

PAMIRS—GRASSES

Nutritional value of plants in Pamir winter pastures. R. M. Reinus. Dokl. AN Tadzh. SSR no. 17:59-63 '56.

PAMIRS—MOUNTAINEERING

Zatulovskii, D. M., and L. M. Kragavin. [Days on the Pamirs] Dni na Pamire. [Moskva] Izd-vo VTsSPS Profizdat, 1950. 189 p.

PAMIRS—PRIMROSES

New discovery of Dionysia bryomorpha (Lipsky) Ovcz. O. E. Agakhaniants. Dokl. AN Tadzh. SSR no. 16:65-66 '56.

PAMIRS—SAND

Forms of the accumulation of sand in the Vakhan Range. O. E. Agakhaniants. Dokl. AN Tadzh. SSR no. 16:31-39 '56.

PAMIRS—SNOW

Significance of the snow cover for the accumulation of moisture in Alpine desert soils. V. M. Sveshnikova. Dokl. AN Tadzh. SSR no. 17:53-57 '56.

PANAEV, IVAN IVANOVICH, 1812-1862

An unpublished letter of I. I Panaev's on Victor Hugo. I. G. IAmpol'skii. Sbor. [Len.] pub. bibl. 3:61-64 '55.

PANAMA CANAL

Beat a retreat. Nov. vrem. 14 no. 44:15 O '56.

The daring project of Chilean engineers. Jorge Cortinez Delfino. Tekh. mol. 24 no. 10:25 O '56.

PANARIS see Felon (Disease)

PANCHENKO, PIMEN

"The wide world," Pimen Panchenko. Book review. Druzh. nar. no. 10:185-186 O '56.

PANCREAS

Effect of vitamin B12 on exocrine function of the liver and pancreas. R. V. Rudyi, N. P. Skakun. Vop. pit. 15 no. 5:12-15 S-O '56.

Problem of the compound reflex phase in the action of mineral water on exocrine pancreatic secretion. B. M. Kopytin. Fiziol. zhur. 42 no. 8:713-720 Ag '56.

PANCREAS—SECRETIONS

Morphological changes in the exocrine cells of the pancreas under the influence of secretin. K. A. Biriukova. Uch. zap. MGPI 84:171-182 '55.

Postpartum pancreatic secretion in dogs. L. N. Staryts'ka. Fiziol. zhur. [Ukr.] 1 no. 4:97-102 Jl-Ag '55.

PANFEROV, FEDOR IVANOVICH, 1896-

Sixtieth birthday of F. I. Panferov. Georgii Markov. Ogonek 34 no. 40:29 S '56.

PAN'KIN, IVAN

"The beginning of a life." Ivan Pan'kin. Reviewed by M. Nazarenko. Sib. ogni 35 no. 4:190-191 Jl-Ag '56.

PANTELEYMONOVKA—REFRACTORY MATERIALS

Production of chrome-magnesite crown refractories at the K. Marx Panteleymonovka plant. S. B. Vinokur, N. S. Mitrokhina. Ogneupory 21 no. 6:241-246 '56.

PAPACY—HISTORY

The liberation struggle of the Ukrainian people in the first half of the 17th century and the policy of the Vatican and the Habsburgs. František Hrbl. Nauk. zap. Inst. ist. AN URSR 7:238-251 '56.

PAPER see subdivision under China

PAPER-CUTTING MACHINES

Analyzing the principal paper-cutting machine designs. A. A. Tiurin. Nauch. trudy MPI no. 3:25-53 '55.

Machine for paraffin wax sizing and cutting of wrapping paper. V. S. Gavrilov. Bum. prom. 31 no. 9:23-24 S '56.

PAPER INDUSTRY

Answers to readers' questions. D. M. Fliate. Bum. prom. 31 no. 9:24-25 S '56.

Measuring instruments and automatic control in the woodpulp and paper industries. S. S. Granat. Bum. prom. 31 no. 9:7-9 S '56.

More paper! Sov. pech. no. 10:4-5 O '56.

Prober, P. V. [Manufacture of wall and decorative paper] Proizvodstvo oboev i dekorativnykh bumag. Moskva, Goslesbumizdat, 1956. 246 p.

Troubles caused by resin in the manufacture of paper and methods for their control. N. P. Dymarchak and others. Zhur. prikl. khim. 29 no. 4:610-617 Ap '56.

PAPER INDUSTRY—ACCOUNTING

Calculating labor consuming operations in the woodpulp and paper industry. Z. V. Uchastkina. Bum. prom. 31 no. 9:28 S '56.

Improving financial and economic operations of the industry. I. T. Ryzhov. Bum. prom. 31 no. 9:26-27 S '56.

PAPER SIZING see Sizing (Paper)

PAPER WORK see subdivision under China

PAPERMAKING MACHINERY

Changing felts on a papermaking machine. M. G. Kuroptev. Bum. prom. 31 no. 9:24 S '56.

Critical speed of cylinder paperboard making machines. A. A. Khlebnikov. Bum. prom. 31 no. 9:6-7 S '56.

Modernization of bearing mountings on papermaking machines and supercalenders. I. S. Starets, S. M. Ruvinskii, K. N. Sazonova. Bum. prom. 31 no. 9:15-20 S '56.

Straining the stuff on circular-mesh papermaking machines. E. A. Berzin'sh. Bum. prom. 31 no. 9:23 S '56.

Summary of comments on F. G. Shukhman's book "Papermaking machines." Bum. prom. 31 no. 9:32 S '56.

PAPERMAKING MACHINERY—ATTACHMENTS

Electronic tension regulator used in paperboard and sheet paper manufacture. A. P. Bagatiuk. Bum. prom. 31 no. 9:21-22 S '56.

PAPERMAKING MACHINERY—ELECTRIC DRIVING

Electric driving of papermaking machinery with magnetic amplifier control. V. I. Zil'berfarb. Bum. prom. 31 no. 9:10 S '56.

Letter to the editor. P. A. Tumbin. Bum. prom. 31 no. 9:24 S '56.

PARACHOR

Parchor as criterium for the structure and state of the molecule [with English summary in insert]. A. E. Lutskii. Zhur. fiz. khim. 30 no. 7:1547-1552 Jl '56.

PARACHUTISTS

Mastery, exactness, courage. Smena 33 no. 18:12-13 S '56.

Under the parachute canopy. A. Golikov. Fizk. i sport 26 no. 10:24-25 '56.

PARACHUTISTS—COMPETITIONS

Competition among parachutists of the Russian Federation Aeroclubs. E. Stepanov. Kryl. rod. 7 no. 9:11-12 S '56.

Third world championship in sport parachutism. P. Korzinkin. Kryl. rod. 7 no. 9:2-5 S '56.

PARAFFINS

Paraffin-gypsum mixture as a therapeutic agent. M. N. Kirillov. Veterinariia 33 no. 11:57-58 N '56.

Percolation refining of paraffin slack wax before removing oil from it. Z. A. Bernadiuk. Neftianik 1 no. 9:8 S '56.

Solubility in systems containing methanol, water, and normal paraffins. V. B. Kogan and others. Zhur. prikl. khim. 29 no. 9:1387-1392 S '56.

Thermal stability of complex compounds formed of n-paraffins and urea. L. M. Rozenberg and others. Dokl. AN SSSR 109 no. 6:1144-1147 Ag '56.

PARAGUAGY—TRADE UNIONS

Letter from Paraguay. Vsem. prof. dvizh. no. 9:45 S '56.

PARALYSIS

Intestinal intubation in the prevention and therapy of gastrointestinal paralysis. A. A. Bolinov. Khirurgiia. 32 no. 7:69-73 Jl '56.

Physiological basis of kinesiotherapy of motor disorders following insultus. G. R. Tkacheva. Zhur. vys. nerv. deiat. 6 no. 4:561-568 Jl-Ag '56.

PARASITES—DOMESTIC ANIMALS

Antipin, D. N., and others. [Parasitology and fesitations of farm animals] Parazitologiia i invazionnye bolezni sel'skokhoziaistvennykh zhivotnykh. Pod red. V. S. Ershova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 478 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

PARASITES—FISHES
(see also subdivision under Lena River)

New species of slimy sporozoa of pond fishes in western regions of the Ukrainian S. S. R. M. A. Paliĭ. Dop. ta pov. L'viv. un. no. 4, pt. 2:44-46 '53.

Parasitofauna of fishes at the Berezhany Pond Fishery. M. A. Paliĭ. Dop. ta pov. L'viv. un. no. 4, pt. 2:42-44 '53.

PARASITES—FISHES—BIBLIOGRAPHY see Bibliography—Parasites—Fishes

PARASITES—SHEEP

Effect of phenothiazine on helminthism of the alimentary tract in sheep. B. Tulabaev. Dokl. AN Tadzh. SSR no. 17:45-51 '56.

PARASITES—WHITEFISHES

Parasitofauna of Sevan whitefish. R. A. Mailian. Dokl. AN Arm. SSR 23 no. 1:45-48 '56.

PARASITOLOGY

Parasitology and conservation of acclimatized and indigneous animals. V. B. Dubinin. Okhr. prir. i zapov. delo v SSSR no. 1:88-95 '56.

Work practice of camp parasitological detachments. L. V. Karakis, E. M. Dub. Voen.-med. zhur. no. 7: 59-63 Jl '56.

PARATHION

Use of NIUIF-100 in controlling the chrysanthemum nematode. G. P. Olisevich. Biul. Glav. bot. sada no. 24:81-89 '56.

PARATHYROID GLANDS

Quantity and topography of epithelial bodies in horses. T. G. TSymbal. Sbor. trud. Khar'. vet. inst. 20:24-28 '49.

PARATHYROID GLANDS—SURGERY

Vitality of rabbits following excision of the parathyroid glands in two stages. P. M. Kaplan, N. M. Torubiner. Fiziol. zhur. 42 no. 5:393-396 My '56.

PARENT AND CHILD

Teach your children how to live for others. S. Dzerzhinskaia. Rabotnitsa 34 no. 11:11 N '56.

PARENTS AND TEACHERS see Home and school

PARIS—MINING MACHINERY—EXHIBITIONS

Krylovskii, N.A., and A.V. Topchiev. [International exhibition of mine equipment at Paris, 1955] Mezhdunarodnaia vystavka gornogo oborudovaniia, Parizh, 1955. Moskva, Ugletekhizdat, 1956. 311 p.

PARIZHSKAYA KOMMUNA—COAL MINES AND MINING

Life triumphs. V. Zubenko. Mol. komm. 14 no. 10:41-43 O '56.

Way to the stope. B. Morozov. Mol. komm. 14 no. 10: 34-36 O '56.

PARKS see subdivision under Ukraine

PARLIAMENTS see subdivision 'Legislative bodies' under Rumania

PAROTID GLANDS—DISEASES

Meningoencephalitis in epidemic parotitis. S. M. Brenman. Klin. med. 34 no. 9:56-60 S '56.

PAROTID GLANDS—SURGERY

Method of making a fistula of the parotid gland in goats. M. N. Man'kovskaia. Fiziol. zhur. 42 no. 5:429-430 My '56.

PARQUET FLOORS see subdivision under Germany, East

PARSLEY see subdivision under Azerbaijan

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

Absorption of betatron bremsstrahlung in a bilaminar absorber. A. N. Orlov, G. V. Fedorov. Zhur. tekh. fiz. 26 no. 9:1991-1993 S '56.

Stereobetatron. V. A. Moskalev. Zhur. tekh. fiz. 26 no. 9:2060-2061 S '56.

Theory of the betatron oscillation of particles in magnetic systems. Part 1. A. A. Kolomenskii. Zhur. tekh. fiz. 26 no. 9:1969-1977 S '56.

Theory of the betatron oscillation of particles in magnetic systems. Part 2. A. A. Kolomenskii. Zhur. tekh. fiz. 26 no. 9:1978-1990 S '56.

PARTICLE SIZE DETERMINATION see subdivision under United States

PARTICLES

Height of a suspended layer of particles of various form and its relation to conditions of the process. L. N. Erkova, N. I. Smirnov. Zhur. prikl. khim. 29 no. 9: 1347-1353 S '56.

PARTICLES, ELEMENTARY

Determining the spin of K-particles and hyperons. L. I. Lapidus. Zhur. eksp. i teor. fiz. 31 no. 2:342-343 Ag '56.





418004 O - 57 - 14

PARTICLES, ELEMENTARY (Continued)

Development of the theory of antiparticles, the charges of elementary particles and the properties of heavy neutral mesons. IA. B. Zel'dovich. Usp. fiz. nauk 59 no. 3:377-398 Jl '56.

Energy losses by charge high-speed particles in absorbing media. V. A. Shakhbazian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:91-98 '56.

Lagrange function for a system of identical charges. V. N. Golubenkov, IA. A. Smorodinskii. Zhur. eksp. i teor. fiz. 31 no. 2:330 Ag '56.

Lectures of foreign physicists in Moscow. V. S. Orlova. Priroda 45 no. 10:109-110 O '56.

A quasi-unidimensional interpretation of the hydrodynamical theory of multiple particle production [with English summary in insert]. I. L. Rozental'. Zhur. eksp. i teor. fiz. 31 no. 2:278-287 Ag '56.

Theory of classical systems of interacting particles obeying a noncentral interaction law. Part I [with English summary in insert]. A. E. Glauberman. Zhur. eksp. i teor. fiz. 31 no. 2:218-223 Ag '56.

Theory of interacting particles. P. S. Zyrianov, V. M. Eleonskii. Fiz. met. i metalloved. 3 no. 2:200-207 '56.

PARTICLES, ELEMENTARY—DECAY

On the probabilities of Σ-particle decay. L. B. Okun'. Zhur. eksp. i teor. fiz. 31 no. 2:333-335 Ag '56.

PARTICLES, ELEMENTARY—SCATTERING

Application of non self-conjugate operators in the theory of scattering. M. S. Livshits. Zhur. eksp. i teor. fiz. 31 no. 1:121-131 Jl '56.

Method of impact parameters. M. L. Ter-Mikaelian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:77-90 '56.

Notes on the theory of scattering of particles with a given total angular momentum. V. T. Khozlainov. Zhur. eksp. i teor. fiz. 31 no. 1:138-140 Jl '56.

PASTRY

Dishes from pastry. Z. Kochetkova. Rabotnitsa 34 no. 11:31 N '56.

PASTURES AND MEADOWS
(see also subdivision under Issyk-Kul'; Kyzyl-Kum; South Ukrainian Canal region; Stanislav Province; Tajikistan; Volga Valley; Vychegda Valley; Tien Shan)

"Meadow cultivation on river bottom lands." Reviewed by D. IA. Afanas'iev. Ukr. bot. zhur. 13 no. 3:105-107 '56.

"Methods of surveying and measuring vegetation," [in English] by Dorothy Brown. Reviewed by T. A. Rabotnov. Bot. zhur. 41 no. 9:1375-1379 S '56.

Moscow. Vsesoiuznyi nauchno- issledovatel'skii institut kormov. [Meadow and pasture manual] Spravochnik po senokosam i pastbishcham. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 703 p. (DA)

Natural meadows and their utilization on the "Stalineta" Collective Farm in Syktyvdinskiy District. V. M. Bolotova. Trudy Komi fil. AN SSSR no. 2:41-47 '54.

Natural pastures and meadows of the Kalinin Collective Farm in Syktyvdinskiy District. I. S. Khantimer. Trudy Komi fil. AN SSSR no. 2:49-58 '54.

Pastures of forest reindeer farms in Pomozdino District, Komi A. S. S. R. A. A. Dedov. Trudy Komi fil. AN SSSR no. 2:59-69 '54.

Problem of work mechanization in improving natural forage lands. G. M. Buzenkov. Zemledelie 4 no. 10: 86-90 O '56.

Smirnov, P. Z. [Green fodder plan] Zelenyi konveier. [Saratov] Saratovskoe kn-vo, 1954. 41 p.

[illegible] meadows
[illegible] enokosy

PATHOLOGY

Constructive career of L. I. Smirnov in the solution of problems in the field of pathological morphology and pathology. V. A. Gilliarovskii. Zhur. nevr. i psikh. 56 no. 8:660-662 '56.

Discussion on I. V. Davydovskii's article and book on the "Problems of localization and organopathy in the light of the teachings of Sechenov, Pavlov, and Vvedenskii." Klin. med. 34 no. 9:84-88 S '56.

PAULICIANS see subdivision under Armenia

PAVLOV, IVAN PETROVICH, 1849-1936

Visiting Academician I. P. Pavlov. D. Kulmov. Sib. ogni 35 no. 4:150-154 Jl-Ag '56.

PAVLOVO DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

Favorite profession. P. Belov. Raspr. pech. no. 9:20 S '56.

PEACE

Bogush, E. IU. [The possibility of averting war in the modern era] O vozmozhnosti predotvrashchenila voin v sovremennuiu epokhu. Moskva, Izd-vo "Znanie," 1956. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, no. 26)

Declaration by the World Peace Council. Zhur. Mosk. Patr. no. 8:21-22 Ag '56.

Literature and peace. Halldór Laxness. Translated by V. Morozova. Oktiabr' 33 no. 10:160-163 O '56.

Problems of peace. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 8:39-41 Ag '56.

What can be dearer; a letter to the editor. Sov. zhen. 12 no. 11:48 N '56.

PEACE, BREACH OF see Breach of the peace

PEAR—DISEASES AND PESTS

Scab on apple and pear blossoms. V. IA. Frankovskii. Zashch. rast. ot vred. i bol. 1 no. 4:62 S-O '56.

PEAS—DISEASES AND PESTS

Disinfection of pea seeds. B. G. Krivin. Ref. nauch. rab. VNIIKOP no. 3:76-79 '55.

PEAS—VARIETIES
(see also subdivision under Krasnodar Territory)

Study of varieties of peas as a raw material for the production of concentrates. E. N. Volkov, O. V. Verkhoshanskaia. Ref. nauch. rab. VNIIKOP no. 3:71-76 '55.

PEASANT ART see subdivision 'Folk art' under Siberia; Tatar A.S.S.R.

PEASANT UPRISINGS
(see also subdivision under Poland)

Diadychenko, V. [Antifeudal uprisings in Russia and in the Ukraine during the 17th and 18th centuries] Antyfeodal'ni povstannia v Rosii y na Ukraini v XVII-XVIII st. Kyiv, Derzhlitvydav URSR, 1954. 52 p. (300 rokiv vozz'iednannia Ukrainy z Rosiieiu) (NN)

PEASANTRY
(see also subdivision under Bulgaria; Egypt; Georgia; Japan; Poland; Punjab; Ukraine)

Agriculture of the Villein peasants in the Ryazan and Tambov guberniyas in the first half of the 19th century; crisis of the feudal landowning system of agriculture. I. D. Koval'chenko. Ist. zap. 56:129-185 '56.

History of the formation of a feudally dependent peasant class in Russia. L. V. Cherepnin. Ist. zap. 56:235-264 '56.

PEAT
(see also subdivision under Canada)

Efficient use of fuel in its gasification at glass manufacturing plants. D. B. Ginzburg. Leg. prom. 16 no. 9:

[illegible]e in using peat as fertilizer. V. G. Bel-
[illegible]r. 1 no. 10:55-57 O '56.
[illegible]f peat ashes. F. S. Stefkin. Priroda 46
[illegible]'56.
[illegible]ources of the U. S. S. R. and their utiliza-
[illegible]Nikonov, A. A. Grebenshchikova. Ud. i ur.
[illegible]3 '56.
[illegible]ork in peat winning. A. V. Sedov. Kar-
[illegible]7-39 S-O '56.
[illegible] R. S. F. S. R.) Glavnoe upravlenie torfia-
Collection of papers on the study of peat
[illegible]k statei po izucheniiu torfianykh mesto-
[illegible]loskva, 1956. 205 p.
[illegible]. [Peat compost] Torfianye kompozty.
[illegible]izd-vo selkhoz. lit-ry, 1956. 87 p.
[illegible]fertilizer. N. P. Nikitskii. Ud. i ur. 1
[illegible]'56.
[illegible]fertilizer on the Gastello Collective Farm.
[illegible]o. Ud. i ur. 1 no. 9:53-56 S '56.
[illegible]vision under Azerbaijan)
[illegible]n peat bogs. V. Shekoian. Len. i konop.
[illegible]'56.

PEAT INDUSTRY
(see also subdivision under Tootsi, Estonia)

Veller, M. A., and others. [Hydro peat technology] Tekhnologiia gidrotorfa. Izd. 2-e, perer. [illegible] M. A. Vellera. Moskva, Gos. energ. izd-vo, 1956. 352 p.

PEAT MACHINERY

Mechanized winning of peat for fitter. I. Z. Galechyan. Ud. i ur. 1 no. 10:51-54 O '56.

PECHORA BASIN—COAL

Coal-bearing capacity of the northeastern [illegible] the Pechora Basin. G. A. Ivanov. Trudy Inst. geol. nauk no. 90:108-110 '47.

New data on the coal-bearing capacity of the [illegible] region of the Pechora Basin. A. P. Rotai. Trudy Inst. geol. nauk no. 90:111-133 '47.

PECHORA BASIN—COAL GEOLOGY

Some structural problems of the Pechora Coal Basin. K. G. Voinovskii-Kriger. Trudy Inst. geol. nauk no. 90: 103-107 '47.

PECHORA BASIN—COAL MINES AND MINING

Domes of emptied stopes. N. K. Chevorko. Ugol' 31 no. 10:37 O '56.

PECHORA VALLEY—ETHNOLOGY

Ethnic history of the Pechora region. L. P. Lashuk. Krat. soob. Inst. etn. no. 25:83-91 '56.

PECTIN

Pectins of sunflowers. T. K. Gaponenkov, Z. I. [illegible]tsenko. Zhur. prikl. khim. 29 no. 9:1444-1447 S '56.

PEDESTRIANISM see subdivision 'Walking' under Kostroma Province

PEERCE, JAN

An American singer. Sov. muz. 20 no. 9:112 S '56.

PEIPING—EXHIBITIONS

More good merchandise for the people. Nar. Kit. no. 17:23 S '56.

PEIPING—HISTORY

History of Peiping. Hou Jen-chih. Nar. Kit. no. 18-20:26-31 O '56.

PEIPING—MUSIC, RUMANIAN

"Zhavoronok," the Rumanian ensemble. Kitai no. 12: 24 Ag '56.

PEIPING—MUSIC, YUGOSLAVIAN

Yugoslavian artists in Peiping. Kitai no. 8:30 Ag '56.

PEIPING—MUSIC FESTIVALS

The first Chinese national music festival. Nar. Kit. no. 19:36-37 O '56.

PEIPING—OPERA

The Peiping opera theater. V. Kassis. Ogonek 36 no. 44:8 O '56.

PEIPING—PUBLIC BUILDINGS

Notable monuments of ancient Peiping. Nar. Kit. no. 17-22 O '56.

PEIPING—PUBLISHERS AND PUBLISHING

Valuable cultural legacy at the service of the fatherland. Nar. Kit. no. 18:40 S '56.

PEIPING—SPORTS

Friendly tennis and badminton competitions. Kitai no. 8:38 Ag '56.

PEKING see Peiping

PELAGRA see subdivision under Georgia

PELVIS—RADIOGRAPHY

Some data on roentgenometry of the female pelvis. R. N. Kazarosian. Akush. i gin. 32 no. 4:13-17 Jl-Ag '56.

PENAL LAW see Criminal law

PENANCE

Penance in ancient Russia. P. Kharlamov. Zhur. Mosk. Patr. no. 7:54-57 Jl '56.

PENICILLIN

The action of penicillin in an infected wound containing regions of necrosis; experimental study. N. V. Petrov. Khirurgiia. 32 no. 7:59-62 Jl '56.

Certain chemical and biological properties of new antibiotics of the penicillin group. E. P. Abraham, G. G. Newton. Khim. nauka i prom. 1 no. 4:394-403 '56.

Intra-arterial infusion of therapeutic substances according to data from an all-Union survey. A. I. Sviatuneva. Khirurgiia. 32 no. 7:46-49 Jl '56.

Intra-arterial infusions of novocaine with penicillin in the treatment of inflammatory diseases of the extremities. A. A. From. Khirurgiia. 32 no. 7:41-44 Jl '56.

Morphological reactions of the peritoneum in intraperitoneal prophylactic penicillin injections. O. L. Karapetiskaia, IA. E. Ermolovich, N. B. Zelenova. Khirurgiia. 32 no. 7:75-76 Jl '56.

PENICILLIN (Continued)

Penicillin-novocaine infiltration in inflammation processes in the hand and fingers. A. Abbasov. Voen.-med. zhur. no. 7:84 Jl '56.

Production of radioactive penicillin ($S^{35}$). M. M. Levitov and others. Antibiotiki 1 no. 4:20-24 Jl-Ag '56.

Role of penicillin in the treatment of wounds. K. P. Mordovskii. Voen.-med. zhur. no. 7:86 Jl '56.

Treating phlyctenular conjunctivitis with penicillin and bandages. M. M. Marmontov. Voen.-med. zhur. no. 7:88 Jl '56.

Treatment of slowly healing wounds with concentrated preparations of vitamin A, carotene and stickleback oil combined with penicillin. S. E. Manoilov, T. I. Vol'fson. Khirurgiia. 32 no. 7:74-75 Jl '56.

PENMANSHIP—REMEDIAL TEACHING

A case from experience. E. L. Gamarnik. Nach. shkola 24 no. 10:47 O '56.

PENSIONS

Bulganin, N. A. [Draft of a law concerning government pensions; a report at the fifth session of the Supreme Soviet of the U. S. S. R. (fourth convocation), July 11, 1956. The law concerning government pensions] Proekt zakona o gosudarstvennykh pensiiakh; doklad na piatoi sessii Verkhovnogo Soveta SSSR chetvertogo sozyva 11 iiulia 1956. goda. Zakon o gosudarstvennykh pensiiakh. Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p.

The law on state pensions. V. Aralov. Mosk. prop. 13 no. 9:17-22 S '56.

Murav'eva, N. A. [The new pension law] Novyi zakon o pensiiakh. Moskva, Gos. izd-vo polit. lit-ry, 1956. 63 p.

Russia (1923- U. S. S. R.) Laws, statutes, etc. [The law concerning government pensions; passed by the Supreme Soviet of the U. S. S. R. July 14, 1956] Zakon o gosudarstvennykh pensiiakh; priniat Verkhovnym Sovetom SSSR 14 iiulia 1956 goda. Moskva, Izd-vo "Izvestiia," 1956. 30 p.

PENTANES

Methylation of pentanes with methyl chloride; composition of reaction products of 2-methyl-2-butene methylation. A. I. Dolabdgin, V. V. Nesterovskii, IU. L. Khmel'nitskii. Khim. i tekh. topl. no. 10:26-31 O '56.

PENTATHLON

Decisive day. A. Shakhmazarov. Fizk. i sport 26 no. 10:9 '56.

Soviet all-round athletes in the struggle for records. I. Sergeev. Leg. atl. no. 10:5-8 O '56.

PENTENE

Methylation of pentenes with methyl chloride (Methylation 3-methyl-1-butene, 2-pentene and 1-pentene). V. V. Nesterovskii, A. I. Dolabdgin, IU. L. Khmel'nitskii. Khim. i tekh. topl. no. 11:15-19 N '56.

PENZA—POSTAL SERVICE

The initiative of communications workers is a pledge of production achievements; from work experience of the Penza post office. L. IA. Rivin. Vest. sviazi 16 no. 9: 23-25 S '56.

PENZA—THEATER—HISTORY

Molchanov, M. P. [The Penza serf theater of the Gladkovs] Penzenskii krepostnoi teatr Gladkovykh. [Penza] Penzenskoe kn-vo, 1955. 54 p.

PENZA PROVINCE—PUGACHEV REBELLION

Petrov, S. P. [Pugachev in the Penza region] Pugachev v Penzenskom krae. Izd. 2-oe, dop. Pod red. A. M. Pankratovoi [Penza] Penzenskoe kn-vo, 1956. 139 p.

PENZA PROVINCE—WOLVES

Seventeen wolf cubs in the lair. Okh. i okh. khoz. no. 10:31 O '56.

PEPPER BREEDING see subdivision under Stalingrad Province

PEPTIC ULCER

Subacute duodenal ulcer in papilloma of the vascular plexus of the fourth ventricle. V. V. Martirosian. Vop. neirokhir. 20 no. 5:46 S-O '56.

PEPTIDES

Investigation of polypeptide chain structure by the infra-red absorption spectra method [with English summary in insert]. D. N. Shigorin, N. V. Mikhailov, D. A. Kliueva. Zhur. fiz. khim. 30 no. 7:1501-1505 Jl '56.

PERCEPTION

The role of human activity in the reflection of objective realities [in Azerbaijani with summary in Russian]. A. K. Zakuev. Izv. AN Azerb. SSR no. 6:81-89 Je '56.

PERCHLORATES

Binary system: sodium perchlorate - barium perchlorate. A. A. Zinov'ev, L. I. Chudinova, L. P. Smolina. Zhur. neorg. khim. 1 no. 8:1850-1856 Ag '56.

Thermal decomposition of magnesium, calcium, barium, and aluminum perchlorates. A. A. Zinov'ev, L. I. Chudinova. Zhur. neorg. khim. 1 no. 8:1722-1730 Ag '56.

PEREMYSHL DISTRICT—YOUTH

In our Gremyachevo. M. Samburov. Mol. kolkh. 23 no. 9:25 S '56.

PERENNIALS

Effect of perennials on soil structure in the Kochkur Valley of Tien Shan. A. M. Mamytov. Trudy Otd. pochv. KirFAN SSSR no. 4:23-44 '53.

Flowering perennials in the kindergarten garden plot. A. A. Sakevich. Doshk. vosp. 20 no. 10:39-44 O '56.

PERFUSION PUMP (HEART)

Artificial organs. P. I. Gultaev. Nauka i zhizn' 23 no. 11:21-24 N '56.

Some problems in the theory of the mechanical heart. E. A. Vainrib, G. A. Efros, E. A. Frid. Med. prom. 10 no. 3:32-33 Jl-S '56.

PERIDOTITE

(see also subdivision under Ural Mountains)

Chemical affinity and mineral composition of the peridotite-dunite shell of the earth. P. N. Chirvinskii. Zap. Vses. min. ob-va 85 no. 3:397-401 '56.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODICALS

Drawing for periodicals. V. Kostin. Iskusstvo 19 no. 6:11-14 '56.

PERIODICALS—BIBLIOGRAPHY see Bibliography—Periodicals

PERIODICALS—CIRCULATION see Newspaper and periodical circulation

PERIODICALS, AZERBAIJANI see Azerbaijani periodicals

PERIODICALS, JUVENILE see Children's periodicals

PERIODICALS, RUSSIAN see Russian periodicals

PERITONEUM

Morphological reactions of the peritoneum in intraperitoneal prophylactic penicillin injections. O. L. Koropatnitskaia, IA. E. Ermulovich, N. B. Zelenova. Khirurgiia. 32 no. 7:75-76 Jl '56.

PERITONITIS

Surgical methods in appendicular infiltration and acute appendicitis with symptoms of local peritonitis. N. N. Elanskii. Voen.-med. zhur. no. 7:82-83 Jl '56.

Treatment of acute peritonitis with antibiotics. F. S. Sikolenko. Khirurgiia. 32 no. 7:62-63 Jl '56.

PERMAFROST see Frozen ground

PERMANGANATES

Permanganatometric determination of certain organic hydroxy acids. A. S. Molotkova. Dop. in pov. L'viv. un. no. 3, pt. 2:32-33 '52.

PERMIKIN, GRIGORII MARKIANOVICH, 1813-1879

History of mineralogical research in Siberia; works of Grigorii Markianovich Permikin. A. N. Granina. Och. po ist. geol. znan. no. 5:155-175 '56.

PERMITTIVITY see Dielectric constants

PERSIA see Iran

PERSIAN LANGUAGE—PHONETICS

Some notes on the phonetics of modern Persian [in Azerbaijani with summary in Russian]. N. Z. Khatami. Uch. zap. AGU no. 11:101-113 '55.

PERSIAN LANGUAGE—SENTENCES

Classification of complex sentences in Persian [in Azerbaijani with summary in Russian]. A. Shafai. Uch. zap. AGU no. 11:115-122 '55.

PERSIAN LANGUAGE—SYNTAX

Aspects of the agreement of the verb in modern literary Persian. G. Sh. Makhmudov. Uch. zap. AGU no. 12: 87-95 '55.

PERSIMMON

Development of generative buds in various persimmon species. K. A. Sergeeva. Biul. Glav. bot. sada no. 24: 42-46 '56.

PERU—DESCRIPTION AND TRAVEL

Story of Yma Sumac and her native land. Alberto Rojas. Translated from the Spanish. Smena 33 no. 19:20-22 O '56.

PERVOMAYSK DISTRICT—COLLECTIVE FARMS

The monthly family budget is five thousand rubles. Kateryna Sharai. Rad. zhin. 11 no. 10:15 O '56.

PETL'OVANYI, VITALII

Story about a girl from the suburbs ("The girl from the suburbs"; a tale. Vitalii Petl'ovanyi. Reviewed by L. Sanov). Sov. Ukr. 6 no. 9:180-182 S '56.

PETRODVORETS—PALACES

Reconstruction of the Great Palace. E. Kazanskaia, V. Savkov. Neva no. 9:205 S '56.

PETROLATUM

Practices of high temperature drying of wood in petrolatum. S. E. Shteinberg. Der. prom. 5 no. 10:6-8 O '56.

PETROLEUM

(see also subdivision under Kama Valley; Neftyanye Kamni; Tuimazy)

Basic considerations for working out the technological plans of new petroleum refineries. T. F. Slepukha. Khim. i tekh. topl. no. 11:8-10 N '56.

Evaluation of certain physical and chemical constants in connection with the study of hydrocarbon composition of crude oils. B. M. Rybak. Khim. i tekh. topl. no. 11:39-42 N '56.

Geobotanical evidence of bituminosity. E. A. Vostokova and other. Trudy VAGT no. 1:99-117 '55.

Lowering the cost of construction of petroleum refineries. V. I. Slavov. Khim. i tekh. topl. no. 11:1-7 N '56.

Variation in the fractional composition of petroleum and petroleum products during free-surface combustion. P. P. Pavlov, A. M. Khovanova. Uch. zap. AGU no. 6:21-27 '55.

PETROLEUM—ANALYSIS

Laboratory method for determining the content of salts in petroleums. A. S. Elgenson and others. Khim. i tekh. topl. no. 11:60-64 N '56.

PETROLEUM—ELECTRIC PROPERTIES

Study of the dielectric constants of petroleum and petroleum products. K. Sh. Kocharli. Uch. zap. AGU no. 4:13-17 '56.

PETROLEUM—GEOLOGY see Petroleum geology

PETROLEUM—PIPELINES

(see also subdivision under Al'met'yevo)

New brands of steel for the manufacture of large-diameter petroleum gas pipes with a longitudinal electrically welded seam. M. P. Anuchkin. Trudy VNIISTROI-NEFT', no. 7:53-64 '56.

Results of pipeline transportation of paraffin base oils. E. V. Grekhov. Neftianik 1 no. 9:9-11 S '56.

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii neftianoi promyshlennosti. [Instructions for installation and use of protective apparatus for shielding underground pipelines from corrosion] Instruktsiia po ustroistvu ekspluatatsii protektornykh ustanovok dlia zashchity podzemnykh truboprovodov ot korrozii. Moskva, TSentral'nyi nauchno-issledovatel'skii institut tekhn. informatsii i ekon. neftianoi promyshl., 1956. 23 p.

Tasks facing pipeline transportation. Neftianik 1 no. 9: 1-2 S '56.

The use of resistance butt welding in petroleum engineering. F. I. Kisliuk. Trudy VNIISTROINEFT'. no. 7:65-74. '56.

PETROLEUM—REFINING

(see also subdivision under Novokuybyshevsk)

Broad use of progressive technology in refineries. I. S. Salikhov. Neftianik 1 no. 10:27-29 O '56.

Determining the initial parameters in designing petroleum refinery furnaces. TS. A. Bakhshilian. Khim. i tekh. topl. no. 11:65-72 N '56.

Effect of hydrodynamic operation and design of the fractionator bubble plate on the development of the phase contact surface. A. I. Skobio, Sui Ven'-IUan'. Khim. i tekh. topl. no. 10:63-70 O '56.

Efficiency promoters of the Budennyi Petroleum and Gas Refinery. D. A. Aliev. Neftianik 1 no. 10:29-30 O '56.

Improved system of preheating petroleum in thermochemical salt-eliminating installations. V. N. Brovko. Neftianik 1 no. 9:6-7 S '56.

Improving the waste control and trapping operation in refineries. K. V. Kostrin. Neft. khoz. 34 no. 10:46-51 O '56.

Industrial methods for isolating ethylene from refinery gases. V. M. Platonov. Khim. prom. no. 5:308-315 Jl-Ag '56.

Means for increasing the yield of the light-colored oil products and the lowering of technical losses in atmospheric and vacuum installations. I. S. Shevtsov, N. M. Indiukov, M. I. Rustamov. Khim. i tekh. topl. no. 11:26-29 N '56.

Petroleum refineries of the sixth five-year plan. Neftianik 1 no. 7:18b-18c Jl '56.

Possibilities for increasing labor productivity in petroleum refining. V. Andrianov, A. Basov. Sots. trud. no. 10:51-55 O '56.

Redesign of a pressure-vacuum pipe still. M. M. Simaev, V. M. Kirillova. Neftianik 1 no. 10:4-6 O '56.

Separating petroleum from effluent water by flotation. V. G. Perevalov. Neft. khoz. 34 no. 10:57-59 O '56.

What is delaying mechanization of maintenance operations in petroleum refineries? R. Z. Rakhmilevich. Neftianik 1 no. 8:7-10 Ag '56.

PETROLEUM—STORAGE

Defects in welded cylindrical tanks and measures to increase the safety of their use. A. S. Fal'kevich. Trudy VNIISTROINEFT' no. 7:39-52 '56.

Device for eliminating "dead residue" from storage tanks. M. S. Zakhar'iants, N. A. Garan. Neftianik 1 no. 7:27-28 Jl '56.

Our tasks in storing petroleum and petroleum products. Neftianik 1 no. 7:1-3 Jl '56.

Problems of new technology in petroleum storage. V. IA. Maevskii, I. Sh. Tverskoi. Neftianik 1 no. 10:17-18 O '56

The state and methods for improving storage facilities. V. A. Bunchuk, P. P. But. Neft. khoz. 34 no. 10:59-64 O '56.

The use of ground treated with black binders for the protection of tank floors from subsurface corrosion. K. N. Kupreianov. Trudy VNIISTROINEFT' no. 8:81-96 '56.

PETROLEUM—TRANSPORTATION

From the Carpathians to Lake Baikal. Sov. Soiuz no. 11:22-23 N '56.

Suez and oil. Nov. vrem. 14 no. 44:16-17 O '56.

PETROLEUM AS FUEL

Use of high-viscosity cracking wastes as boiler and furnace fuel. Z. I. Getler. Teploenergetika 3 no. 10: 25-30 O '56.

PETROLEUM CRACKING see Cracking process

PETROLEUM ENGINEERING

Answers to questions. V. M. Murav'ev. Neftianik 1 no. 7:34 Jl '56.

Controlling hydraulic fracturing of oil sands by means of tagged atoms. S. F. Vybornykh. Neftianik 1 no. 7:19-23 Jl '56.

Main problems in the effectiveness and economy of the artificial drive method for oil fields. M. A. Iskenderov. Izv. AN Azerb. SSR no. 8:3-13 Ag '56.

Methods for the estimation of underground resources of petroleum and use of geological statistical curves in estimating residual resources for secondary exploitation methods. Report no. 2. A. G. Lebedev. Uch. zap. AGU no. 12:37-52 '55.

Observations on the method of planning oil well spacing. V. N. Shchelkachev. Neft. khoz. 34 no. 10:27-32 O '56.

Separation of oil and water by filtration. N. N. Verigin, I. D. Rodziller. Neft. khoz. 34 no. 10:52-56 O '56.

Some problems of the oil-water boundary shift of the well. G. P. Guseinov. Uch. zap. AGU no. 12:19-29 '55.

Using geological statistical and volumetric methods for the estimation of underground resources of petroleum in layers under exploitation. Report no. 1. A. G. Lebedev. Uch. zap. AGU no. 11:19-30 '55.

Young specialists are going eastward. D. Strom. Neftianik 1 no. 10:34-35 O '56.

PETROLEUM GEOLOGY

(see also subdivision under Azerbaijan; Daghestan; Kazakhstan; Kirovabad (Azerbaijan); Kirovabad District; Siberia, Western)

The collected work "Origin of petroleum." Reviewed by N. A. Kudriavtsev. Neft. khoz. 34 no. 10:67-72 O '56.

Concerning N. A. Kudriavtsev's article "Trends in the research on the origin of petroleum." G. I. Teodorovich. Izv. AN SSSR. Ser. geol. 21 no. 8:115-119 Ag '56.

Determining the degree of water saturation and effective porosity of sands. A. A. Khanin. Trudy VNIGNI no. 8:155-164 '55.

Geologic and economic problems of the petroleum industry in the works of Academician I. M. Gubkin. N. I. Mordvin. Trudy VNIGNI no. 6:145-154 '55.

Krotova, V. A. [Hydrogeology] Gidrogeologiia. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956, 266 p. (Leningrad, Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy, no. 94)

Mineralogy of sedimentary rocks and the petroleum U. S. S. R. S. G. Sarkisian. Vop. min. '56.

Center attention on the most important aspects of production. A. Balasanov. Sov. profsoiuzy 4 no. 10:60-61 O '56.

Conference on automatization of industrial processes in the petroleum industry. Neftianik 1 no. 10:35 O '56.

Methods of determining the economic results of efficiency promotion and inventiveness. I. V. Orlov. Neftianik 1 no. 9:23-28 S '56.

Pay more attention to automatization. Neftianik 1 no. 10:1-3 O '56.

Results of the All-Union Socialist Conference of Petroleum Workers. A. Paleshkin. Neftianik 1 no. 10:19-21 O '56.

Second plenum of the Central Committee of Trade Unions of Petroleum Industry Workers. Neftianik 1 no. 9: 36 S '56.

Utilize labor force efficiently. N. E. Vlasov. Neftianik 1 no. 10:9-12 O '56.

We shall give the country more oil. Neftianik 1 no. 8 1-3 Ag '56.

PETROLEUM INDUSTRY—CONGRESSES see subdivision under Kuybyshev

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Relations between oil fields and petroleum equipment supply shops. A. Kh. Sharipov. Neftianik 1 no. 9: 29 S '56.

PETROLEUM PRODUCTS

Calculating the cost of petroleum products. E. M. Varshaver, Z. A. Bernadiuk. Neftianik 1 no. 10:31 O '56.

Use of petroleum cracking products in the manufacture of detergents. M. A. Ashimov, M. A. Mamedova, S. A. Allakhverdova. Trudy Inst. khim. AN Azerb. SSR 15:119-125 '56.

PETROLEUM PRODUCTS—STORAGE

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 37-55 for determining the capacity and calibration of stationary vertical reservoirs for petroleum products] Instruktsiia 37-55 po opredeleniiu vmestimosti i kalibrovke statsionarnykh vertikal'nykh rezervuarov dlia nefteproduktov. Izd. ofitsial'noe. Moskva, 1956. 30 p.

PETROLEUM RESEARCH see subdivision under Tatar A. S. S. R.

PETROLEUM WORKERS see subdivision under Azerbaijan; Krasnokamsk

PETROLOGY

(see also subdivision under Daghestan; Volga Valley)

A. E. Lagorio's role in the development of petrology. A. P. Reznikov. Och. po ist. geol. znan. no. 5:260-273 '56.

Main stages in the development of petrology in prerevolutionary Russia. A. P. Lebedev. Och. po ist. geol. znan. no. 5:47-70 '56.

PETROV, ALEKSANDR DMITRIEVICH, 1704-1867

Second edition of the book on Petrov ("A. D. Petrov, first Russian master at chess." I. M. Linder. Reviewed by A. Narkevich). Shakh. v SSSR 33 no. 9:282-283 S '56.

PETROV, GRIGORII IL'ICH, 1892-1956

Grigorii Il'ich Petrov. Stroi. i dor. mashinostr. no. 9: 40 S '56.

PETROZAVODSK—ELECTRIC ENGINEERING—STUDY AND TEACHING

Closer to practice. I. I. Levitskii. Sred. spets. obr. no. 10:46-49 O '56.

PETROZAVODSK—MUSIC

Petrozavodsk. Sov. muz. 20 no. 10:129-130 O '56.

PETRUS IBERUS, Bishop of Majuma, 411?-491?

Peter the Iberian and the pseudo-Dionysius Areopagita's works. E. Honigmann. Trudy TGU no. 59:19-78 '55.

PHAGOCYTOSIS

Cycle of development of a phagocyte inside a bacterial cell. Giuseppe Penzo. Priroda 45 no. 11:86-89 N '56.

PHARMACEUTICAL CHEMISTRY see Chemistry, Medical pharmaceutical

PHARMACEUTICAL INDUSTRY see Drug industry

PHARMACOLOGY

"Antibacterial therapy for tuberculosis." M. A. Klebanov, R. O. Drabkina. Reviewed by F. V. Shebanov. Probl. tub. 34 no. 3:79-72 My-Je '56.

Effect of the drug "Regenerator" on the course of scarlet fever and complicating diseases. L. V. Poliak. Vop. okh. mat. i det. 1 no. 5:91-93 S-O '56.

Hellebores are a source of new cardiac remedies. I. G. Zoz. Bot. zhur. 41 no. 9:1318-1324 S '56.

New drugs. Apt. delo 5 no. 5:60-63 S-O '56.

Pyrcafeine for treating diseases of the peripheral nerves. A. A. Guseinov. Voen.-med. zhur. no. 7:89 Jl '56.

Using the dielectrical method in studying the action of pharmacological preparations on the organism of horses. V. G. Chervov. Sbor. trud. Khar'. vet. inst. 20:72-76 '49.

PHARMACY

(see also subdivision under Kazakhstan; Moscow)

In the Kharkov Scientific Pharmaceutical Society. S. I. Rolotnikov, E. I. Tiveibukh. Apt. delo 5 no. 5:54-57 S-O '56.

Persistently fulfill the resolutions of the 20th Congress of the Communist Party of the Soviet Union. V. I. Tol'tsman. Apt. delo 5 no. 5:3-6 S-O '56.

Rozentsveig, P. E. [The technology of medical preparations; a textbook for pharmaceutical schools] Tekhnologiia lekarstvennykh form; uchebnik dlia farmatsevticheskikh uchilishch. Moskva, Gos. izd-vo med. lit-ry, 1956. 347 p. (DAFM)

Some problems in increasing labor productivity and quality of pharmacy production. L. G. Shimanskii. Apt. delo 5 no. 5:38-40 S-O '56.

Using the bactericidal action of ultraviolet rays in pharmacies. A. I. Shimanko, P. V. Lopatin. Apt. delo 5 no. 5:13-20 S-O '56.

PHARYNX—FOREIGN BODIES

Unusual foreign body in the middle ear, the eustachian tube and the pharynx. M. N. Bantina. Vest. otorin. 18 no. 5:108 S-O '56.

Unusual foreign body of the pharynx. Vest. otorin. 18 no. 5:128 S-O '56.

PHARYNX—TUMORS

Neurinoma of the pharynx. K. K. Chirkina. Vest. otorin. 18 no. 5:129-130 S-O '56.

PHASE MICROSCOPY

Phase-contrast microscopy in laboratory practice. A. P. Pekhov. Veterinariia 33 no. 11:70-07 N '56.

PHASE RULE AND EQUILIBRIUM

Calculating simple equilibrium diagrams of ternary alloys. Part 1. General equations and their solutions for cases of solution decompositions occurring without phase change. B. IA. Pines. Zhur. tekh. fiz. 26 no. 9: 2103-2110 S '56.

Classification of triple phases of metals. P. S. Volin. Fiz. met. i metalloved. 3 no. 1:97-112 '56.

Determination of liquid-vapor equilibriums in ternary systems with a solvent. V. V. Kafarov, L. A. Gordeeva-skii. Zhur. prikl. khim. 29 no. 4:538-543 Ap '56.

Equilibriums in magnesium sulfate-nickel sulfate-water system. O. S. Sobuleva. Dop. ta pov. Lvivs. un. ser. fiz. pt. 2:26-28 '52.

Investigating three-phase equilibria in the system: aniline-analine hydrochloride-water at temperature of 25° C. M. P. Susarev, N. A. Smirnova. Vest. Len. un. 11 no. 16:85-104 '56.

Liquid-vapor equilibrium at increased pressure for the system: furfurole - water. N. P. Mel'nikov, IU. A. TSirlin. Zhur. prikl. khim. 29 no. 9:1456-1459 S '56.

Liquid-vapor equilibrium in the binary systems of methane with different classes of hydrocarbons [with English summary in insert]. IA. D. Zavvina, A. S. Velikovskii. Zhur. fiz. khim. 30 no. 7:1500-1503 Jl '56.

Some aspects of thermodynamics of systems subjected to conditions of material isolation. A. V. Storonkin. Vest. Len. un. 11 no. 16:74-84 '56.

Temperature mosaics and sudden stresses of the second kind subjected to impact deformations of two-phase metals. G. P. Zuitsev, Iu. E. Bondarev. Fiz. met. i metalloved. 3 no. 1:139-145 '56.

Theory of the polymorphism of iron. V. N. Svechnikov, A. G. Lesnik. Fiz. met. i metalloved. 3 no. 1:87-98 '56.

PHEASANTS

Hunting pheasants. P. Gavrilenko. Okh. i okh. khoz. no. 10:49-50 O '56.

PHENOBARBITAL

Effect of hexonium and luminal on thyroid function; studies with radioiodine. G. P. Smirnov. Probl. endok. i gorm. 2 no. 4:18-26 Jl-Ag '56.

PHENOLS

Condensation of lignin with phenol. M. I. Chudakov. Zhur. prikl. khim. 29 no. 9:1418-1424 S '56.

Hydrolysis of methoxyphenols. D. Tishchenko, V. Foliadov, N. Nosova. Zhur. prikl. khim. 29 no. 9:1447-1449 S '56.

Isolation of furfurole and volatile phenols from distillate. N. V. Chalov, L. V. Gordon, N. C. Skvortsova. Gidroliz. i lesokhim. prom. 9 no. 5:8-10 '56.

Tin-chloride complexing with certain phenol derivatives. M. Usanovich, E. Pichugina. Zhur. ob. khim. 26 no. 9 2410-2416 S '56.

PHENOLS—ANALYSIS

Determining small quantities of phenol in hydrocarbons. E. Kh. Rud', S. IA. Skochilova. Zav. lab. 22 no. 8:919 Ag '56.

PHENOTHIAZINE

Effect of phenothiazine on helminthiasis of the alimentary tract in sheep. B. Tulabaev. Dokl. AN Tadzh. SSR no. 17:45-51 '56.

PHENYLENEDIAMINE

Structure of the products of alkaline treatment of quaternary salts of benzimidazole derivatives. B. A. Porai-Koshits, Kh. L. Muravich. Zhur. ob. khim. 26 no. 9: 2487-2493 S '56.

PHILIPPINES—MUSIC

Musical life in the Philippines. Sov. muz. 20 no. 9: 144 S '56.

PHILOSOPHY

Important problems in Soviet philosophy (coordinating conference at the Institute of Philosophy). E. V. Shorokhova. Vest. AN SSSR 26 no. 9:110-113 S '56.

PHILOSOPHY AND SCIENCE see Science—Philosophy

PHLEBITIS

Pathogenesis of metastatic periparaphlebitis [with summary in English, p. 159]. A. N. Ardamatskaia. Vest. khir. 77 no. 9:60-66 S '56.

PHONOGRAPH

(see also subdivision under United States)

The EPU standard phonograph playback. V. Cherniavskii. Radio no. 10:37-39 O '56.

PHOSPHATASES

Alkaline phosphatase in macrophages cultivated in serum. T. M. IAkovleva. Dokl. AN SSSR 110 no. 1: 145-147 S-O '56.

Phosphatases in tumor growth [with summary in English]. M. A. Presnov. Vop. onk. 2 no. 4:423-432 '56.

PHOSPHATES

(see also subdivision under Podolia; Saratov Province)

Chernavin, A. S. [Ground phosphorite and its use] Fosforitnaia muka i ee primenenie. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 104 p. (DA)

Chirikov, F. V. [Agricultural chemistry of potassium and phosphorus] Agrokhimiia kaliia i fosfora. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 403 p.

Corrosion protection of apparatus for the production of superphosphate. V. V. Andreev. Khim. prom. no. 5: 290-302 Jl-Ag '56.

Drill attachment for placing granulated superphosphate. G. M. Buzenko. Ud. i ur. 1 no. 9:45-50 S '56.

Effect of stimulation by cold on the reabsorption of phosphates and chlorides in the kidneys. A. S. Oganesian. Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 9 no. 9:33-38 S '56.

Phosphate nutrition of the cotton plant. M. Kh. Ibragimov. Trudy SAGU no. 53:141-148 '54.

Physicochemical principles in the production of a new form of chlorine-free concentrated fertilizers. A. IA. Zvorykin, F. M. Perel'man. Zhur. neorg. khim. 1 no. 7:1523-1532 Jl '56.

PHOSPHATES—STANDARDS

Suggested standards for granular superphosphates. P. A. Dmitrenko, I. P. Khudolei. Standartizatsiia no. 4: 66-70 Jl-Ag '56.

PHOSPHATIC SLAG

Using open-hearth process phosphatic slag for fertilizer. P. A. Dmitrenko, T. F. Zavgorodniaia. Ud. i ur. 1 no. 9:42-44 S '56.

PHOSPHENYL

Pentaphosphenyl. G. A. Razuvaev, N. A. Osanova. Zhur ob. khim. 26 no. 9:2531-2537 S '56.

PHOSPHINOUS ACID

Research in the series of derivatives of alkylphosphinous and dialkylphosphinic acids. Part 4. Reactions of addition and isomerization of esters of alkylphosphinous acids. A. Razumov, O. Mukhacheva. Zhur. ob. khim. 26 no. 9:2463-2466 S '56.

PHOSPHOMOLYBDIC ACID

Reaction of glycol with phosphomolybdic acid. N. A. TSvetkov, V. A. Konyshev. Zhur. ob. khim. 26 no. 9: 2555-2560 S '56.

PHOSPHORESCENCE

Formal analysis of the theory of two-stage excitation of phosphorescence and photoconductivity. Part 1. Stationary dependence. N. A. Tolstoi, A. V. Shatilov. Opt. i spektr. 1 no. 2:216-229 Je '56.

Increase in the quantum yield of phosphorescence under the effect of potassium iodide. V. V. Zelinskii, V. P. Kolobkov. Opt. i spektr. 1 no. 4:560-570 Ag '56.

PHOSPHORODITHIOIC ACID

Organic insectofungicides. Part 21. Synthesis of mixed esters of dithiophosphoric acid. I. L. Vladimirova, N. N. Mel'nikov. Zhur. ob. khim. 26 no. 9:2560-2575 S '56.

PHOSPHORS

Characteristics of the luminescence losses of ZnS-Cu-Co phosphors in the range of luminescent yields independent of optical excitation intensity. V. V. Antonov-Romanovskii, L. A. Vinokurov. Opt. i spektr. 1 no. 1:66-70 My '56.

Correlation between the luminescence yield and the wave length of the excitation light of ZnS-Cu phosphors. M. N. Alentsev. Opt. i spektr. 1 no. 2:240-247 Je '56.

Determining the effective cross section of the capture and recombination of thermal electrons in the ZnS-Cu, Co phosphor. Siui Siui-lun. Opt. i spektr. 1 no. 2: 264-270 Je '55.

Effect of nonactivating $Ca^{++}$ and $Sr^{++}$ ions on the thermal luminescence of NaCl-Ag phosphors previously subjected to X rays. M. L. Kats. Opt. i spektr. 1 no. 2: 198-203 Je '56.

Effect of the glimmering action of the exciting light on the photoluminescence yield of crystal phosphors. L. I. Anikina. Trudy Fiz. inst. 7:3-46 '56.

Effect of the interaction of activators on the luminescent properties of CdS-Bi, Mn phosphors. V. F. Tunitskaia. Trudy Fiz. inst. 7:107-158 '56.

Flash burning of the ZnS-Ni phosphor. N. A. Tolstoi. Opt. i spektr. 1 no. 2:271-272 Je '56.

Infrared light quenching of ZnS-Cu, Co and ZnS-Cu, Ni phosphors. L. A. Vinokurov, M. V. Fok. Opt. i spektr. 1 no. 2:248-254 Je '56.

Investigating flash burning in the luminescence of ZnS-Mn phosphors. N. A. Tolstoi and others. Opt. i spektr. 1 no. 5:719-728 S '56.

Kinetics of the luminescence of ZnS-Cu-Co phosphors in the range of luminescent yields independent of optical excitation intensity. V. V. Antonov-Romanovskii, L. A. Vinokurov. Opt. i spektr. 1 no. 1:71-76 My '56.

Law of afterglow quenching of zinc sulfide phosphors near and in the temperature quenching range. F. I. Vergunas. Opt. i spektr. 1 no. 3:416-420 Jl '56.

Luminescence characteristics of crystal phosphors having low activator solubility in the base. N. I. Ivanova. Opt. i spektr. 1 no. 4:578-583 Ag '56.

Luminescence mechanism of alkali halide crystal phosphors. L. M. Shamovskii. Opt. i spektr. 1 no. 3: 407-415 Jl '56.

Luminescence of color centers in CsJ-Tl crystals. Z. L. Morgenshtern, I. P. Shchukin. Opt. i spektr. 1 no. 2:190-197 Je '56.

On the recombination mechanism of the luminescence of crystal phosphors. E. S. Rzhanova. Trudy Fiz. inst. 7:47-105 '56.

On the two recombination mechanisms of the luminescence of $Sm^{+++}$ ions in the ZnS-Sm, Cu(NaCl) phosphor. V. V. Antonov-Romanovskii, Z. A. Trapeznikova. Opt. i spektr. 1 no. 2:204-215 Je '56.

Origin of the localization levels in ZnS-Cu, Co phosphors. V. L. Levshin, V. F. Tunitskaia, A. A. Cherepnev. Opt. i spektr. 1 no. 2:256-263 Je '56.

Problems in the luminescence of crystal phosphors (conference in Tartu). V. L. Levshin. Vest. AN SSSR 26 no. 9:99-100 S '56.

Quenching laws for zonal models of crystal phosphors. G. M. Eliashberg. Opt. i spektr. 1 no. 2:230-239 Je '56.

Some characteristics of "sublimate-phosphors" and methods for preparing them. F. D. Klement. Opt. i spektr. 1 no. 4:571-577 Ag '56.

Temperature dependence of absorption in sulfide phosphors. P. S. Litvinova. Opt. i spektr. 1 no. 3:427-432 Jl '56.

Using $CaSO_4$•Mn for dosimetric purposes. B. M. Nosenko, L. S. Revzin, V. IA. IAskolko. Zhur. tekh. fiz. 26 no. 9 2046-2048 S '56.

PHOSPHORUS

Methods for determing free $P_2O_5$ in carbonaceous soils. L. I. Dashevskii, T. N. Antonova. Trudy Otd. pochv. AN Kir. SSR no. 5:73-76 '55.

Studing the movement and accumulation of phosphorus in the rhizosphere soil [with French summary in insert]. D. M. Kheifets. Pochvovedenie no. 7:49-58 Jl '56.

PHOSPHORUS—ANALYSIS

Method for determining phosphorus in iron alloys without using shavings. N. A. Tananaev, I. A. Korobova. Zav. lab. 22 no. 8:916-917 Ag '56.

PHOSPHORUS—ISOTOPES

Experimental renal infarcts. Report no. 1: Investigation of renal blood supply in infarcts with the aid of radiophosphorus. I. M. Shapiro, N. I. Losev, N. N. Partskhaladze. Biul. eksp. biol. i med. 42 no. 8:22-26 Ag '56.

Treatment of erythremia with radioactive phosphorus. V. S. Zavolosnova. Terap. arkh. 28 no. 6:63-71 '56.

PHOSPHORUS BROMIDES

Preparation of phosphorus tribromide. G. V. Medoks, L. A. Maslova. Zhur. neorg. khim. 1 no. 8:1929-1930 Ag '56.

PHOSPHORYLATION

Effect of amytal sodium on processes of oxidative phosphorylation. V. S. Il'in, G. V. Titova. Biul. eksp. biol. i med. 42 no. 9:33-36 S '56.

Oxidative phosphorylation in Infusoria. K. L. Stukkei. Biul. eksp. biol. i med. 42 no. 8:42-46 Ag '56.

PHOTOCONDUCTIVITY

Formal analysis of the theory of two-stage excitation of phosphorescence and photoconductivity. Part 1. Stationary dependence. N. A. Tolstoi, A. V. Shatilov. Opt. i spektr. 1 no. 2:216-229 Je '56.

Properties of cadmium sulfide photoresistors subjected to gamma and beta radiation. S. V. Svechnikov. Zhur. tekh. fiz. 26 no. 8:1646-1650 Ag '56.

PHOTOELASTICITY

Photoelastic effect in polystyrene and in its halogen derivatives. N. M. Bazhenov and others. Zhur. tekh. fiz. 26 no. 8:1730-1737 Ag '56.

Photoelastic effects in copolymer methilmethacrylate and styrene. V. N. TSvetkov, I. A. Krym. Vest. Len. un. 11 no. 16:5-15 '56.

PHOTOELECTRIC MEASUREMENTS

Photoelectric method for measuring the length of diffusion displacement of secondary current carriers in semiconductors. K. D. Ilynchuk, O. H. Miseliuk. Ukr. fiz. zhur. 1 no. 1:44-58 '56.

Study of the diffuse Orion nebula and planetary nebulae based on photoelectric observations. N. A. Razmadze. Soob. AN Gruz. SSR 17 no. 7:599-605 '56.

Theory of the photoelectric method for determining the lifetimes of current carriers in semiconductors. E. I. Rashba, K. B. Tolpygo. Ukr. fiz. zhur. 1 no. 1:29-43 '56.

PHOTOELECTRIC MULTIPLIERS

Photoelements of photomultipliers with magnesium photocathodes for detecting ultraviolet radiation. O. P. Dorf and others. Radiotekh. i elektron. 1 no. 1:106-113 Ja '56.

Using photoelectric multipliers. I. Breido. Radio no. 9: 42-45 S '56.

PHOTOELECTRICITY

Klement'ev, S. D. [Photoelectronic automatin in labor protection] Fotoelektronnaia avtomatika v okhrane truda. [Moskva] Izd-vo VTsSPS, 1956. 141 p.

Negative luminescence and negative photoelectric effect. B. I. Stepanov. Opt. i spektr. 1 no. 2:125-130 Je '56.

Photoelectric apparatus for determining perforations in rolled strip ("from Iron and Steel Engg.," no. 11 '55). Zav. lab. 22 no. 8:1004-1005 Ag '56.

PHOTOGRAPHIC CHEMISTRY

Conference on the chemistry of photographic emulsions. IU. N. Gorokhovskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:387-390 S-O '56.

PHOTOGRAPHIC EMULSIONS

Crystallization of silver halides in photographic emulsions. Part 3. Electron microscopic study of ammoniacal silver bromide emulsions. V. N. Zharkov, E. P. Dobroserdova. Zhur. nauch. i prikl. fot. i kin. 1 no. 5: 337-341 S-O '56.

Effect of gelatin on the optical sensitization of photographic emulsions. A. V. Borin, V. P. Agatitskaia. Zhur. prikl. khim. 29 no. 9:1393-1401 S '56.

Functions of unstable sulfur compounds in photographic emulsions. A. A. Mikhailova, Zh. L. Braun, K. V. Chibisov. Zhur. nauch. i prikl. fot. i kin. 1 no. 5: 342-353 S-O '56.

Interaction of nitrogen nuclei with photographic emulsion nuclei [with English summary in insert]. D. M. Parfanovich, N. V. Rabin, A. M. Semchinova. Zhur. eksp. i teor. fiz. 31 no. 2:188-193 Ag '56.

Kinetic welting in coating and a method of measuring it. B. V. Deriagin, S. M. Levi. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:354-358 S-O '56.

PHOTOGRAPHIC SURVEYING

Using phototheodolites in preparing aerial photographs in connection with compiling topographic maps of high elevation regions. A. G. Vanin. Geod. i kart. no. 7: 8-14 S '56.

PHOTOGRAPHY see subdivision under England; United States

PHOTOGRAPHY—BOOK REVIEWS

"Biblioteka fotolubitelia," [The amateur photographer's library] nos. 1, 2, 4-7. Reviewed by L. IA. Kraush. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:395-399 S-O '56.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Kinetics of the development of photographic emulsions irradiated by medium-energy electrons. L. M. Biberman, I. A. Fomina. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:331-336 S-O '56.

Leaves as negatives. V. Mikhailov. IUn. nat. no. 7:31 O '56.

Optimum conditions for the development of photographic plates exposed to electrons of medium energies. N. G. Sushkin, I. A. Fomina. Zav. lab. 22 no. 8:961-964 Ag '56.

Regression of the latent image formed by the action of ionizing particles. A. L. Kartuzhanskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:321-330 S-O '56.

PHOTOGRAPHY—MOTION PICTURES see Cinematography

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

"Macrophotography" [in German], by Hans Henning Heunert. Reviewed by I. B. Minenkov. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:398-399 S-O '56.

PHOTOGRAPHY, AERIAL

Aerial photography at night. IU. K. IUtsevich. Vest. Vozd. Fl. 38 no. 5:39-45 My '56.

PHOTOGRAPHY, AERIAL (Continued)

Bearing distortion in aerial photographs due to regional relief features as represented by vertically taken photographs. IU. V. Kemnits. Geod. i kart. no. 7:17-20 S '56.

Reproduction and clipping device. F. Ivanov. Grazhd. av. 13 no. 9:4 S '56.

PHOTOGRAPHY, AERIAL—BIBLIOGRAPHY see Bibliography—Photography, Aerial

PHOTOGRAPHY, COLOR see Color photography

PHOTOGRAPHY, FLASHLIGHT

Determination and designation of the photographic properties of flash bulbs. L. A. Chernyi. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:373-375 S-O '56.

The modern impulse lamp is the most perfected artificial light source for photography. N. S. Marshak. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:362-372 S-O '56.

PHOTOGRAPHY, INFRARED

Electron-optical converters in the preparation and processing of photographic materials. P. F. Ipatov. Zhur. nauch. i prikl. fot. i kin. 1 no. 5:365-366 S-O '56.

PHOTOGRAPHY, JOURNALISTIC

More courage! V. Sharovskii, IU. Prigozhin. Sov. pech. no. 10:10-12 O '56.

PHOTOGRAPHY OF NATURE see Nature photography

PHOTOMETRY

Photographic photometry of the sun's corona, 1952. IA. T. Kapko. Dop. ta pov. L'viv. un. no. 4, pt. 2:76 '53.

Photorecording apparatus for thermal analysis. G. G. TSurinov, V. Z. Kolodiazhnyi. Vest. AN SSSR 26 no. 10:35-37 O '56.

PHOTONS

Application of the theory of random processes to radiation transfer phenomena. L. M. Biberman, B. A. Veklenko. Zhur. eksp. i teor. fiz. 31 no. 2:341-342 Ag '56.

Cascade showers produced by electrons and photons in light and heavy elements. I. P. Ivanenko. Zhur. eksp. i teor. fiz. 31 no. 1:85-104 Jl '56.

On a simple method of observing the photoionization effect of X rays at atmospheric pressure. M. E. Gurevich. Izv. AN SSSR. Ser. fiz. 20 no. 7:843-844 Jl '56.

PHOTOPERIODISM

Course of development of some corn varieties and hybrids in the Latvian S. S. R. H. A. Maurina. Agrobiologiia no. 5:16-21 S-O '56.

Development of seasonal character in birds. B. H. Novykov. Trudy Inst. zool. AN URSR 13:45-57 '56.

PHOTOSYNTHESIS

Photosynthesis in some grape varieties under conditions prevailing in Moscow Province. Z. V. Vasil'eva. Biul. Glav. bot. sada no. 24:51-58 '56.

PHRENIC NERVE

Location of the phrenic nerve in dogs. S. R. Krasnoshtein, B. M. Erez. Dokl. AN Tadzh. SSR no. 16:111-116 '56.

Range of location of the phrenic nerve in human pectoral and abdominal cavities. B. M. Erez, S. R. Krasnoshtein. Dokl. AN Tadzh. SSR no. 16:99-110 '56.

PHTHALIC ANHYDRIDE

Method for indicating unoxidized naphthalene in reactors for its oxidation to phthalic anhydride. G. P. Kurneichuk. Zav. lab. 22 no. 8:920 Ag '56.

PHTHALIMIDE—SPECTRA

Correlation between the spectra of organic [illegible]

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Azov; Dnepropetrovsk; Ishim; Kharkov; Krasnodar Territory; Latvia; Novomilyatin District; Tatar A. S. S. R.; Truskavets)

Dissertations defended. Teor. i prak. fiz. kul't. 19 no. 9:719-720 '56.

Government-managed organization of physical education and sports. I. I. Nikiforov. Teor. i prak. fiz. kul't. 19 no. 9:649-657 '56.

If you want to be healthy... B. Bazhanov. Mot. kolkh. 23 no. 9:30 S '56.

Important means for increasing sports mastery. E. S. Gromadskii. Teor. i prak. fiz. kul't. 19 no. 10:745-751 '56.

Kuprilanov, N. D. [How to meet requirements for medals in the "Be Ready for Labor and Defense" and "Ready for Labor and Defense" organizations] Kak sdat' normy na znachok BGTO i GTO, Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 107 p.

Metaev, IU. A. [Physical culture and sports in the U.S.S.R.] Fizicheskaia kul'tura i sport v SSSR. Moskva, "Znanie," 1955. 39 p. Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii) (CSt-H)

Participate in sport! Discussion with Air Force Colonel-General M. M. Gromov, Hero of the Soviet Union. Voen. znan. 31 no. 8:1 Ag '56.

Preparing for an expedition... B. A. Fedorovich. Zdorov'e 2 no. 10:21 O '56.

[The "Ready for labor and defense" organization in the schools] GTO v shkole. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 175 p.

Teaching adolescents to throw in secondary school physical education classes. V. A. Bondarenko. Izv. Akad. ped. nauk RSFSR no. 83:73-113 '56.

Toward new successes in the development of physical culture and sports. Teor. i prak. fiz. kul't. 19 no. 9:641-648 '56.

Training athletes to relax muscles in order to increase their sports efficiency. I. V. Lovitskaia. Teor. i prak. fiz. kul't. 19 no. 9:670-677 '56.

PHYSICAL EDUCATION AND TRAINING—RESEARCH

More concern for scientific research work. Teor. i prak. fiz. kul't. 19 no. 10:721-727 '56.

Some results of the scientific research work of physical culture institutes in 1955. I. T. Osipov. Teor. i prak. fiz. kul't. 19 no. 10:752-757 '56.

PHYSICAL EDUCATION FOR CHILDREN
(see also subdivision under Moscow)

Best physical culture groups in rural schools. M. A. Fedorova. Teor. i prak. fiz. kul't. 19 no. 10:780-782 '56.

Exercise before class using the training unit method (classes 8-10). B. V. Kovalev. Izv. Akad. ped. nauk RSFSR no. 83:115-131 '56.

The formation of motor habits in preschool children. D. V. Khukhlaeva. Izv. Akad. ped. nauk RSFSR no. 83:5-19 '56.

Improve physical training in the school. Nach. shkola 24 no. 10:63 O '56.

Methods for the organizational strengthening of physical culture groups in schools and developing their educational role in mass work with students. L. A. Petrova. Teor. i prak. fiz. kul't. 19 no. 10:783-787 '56.

The organization, program, and methodology of a daily hour of physical exercise in a home for school-age children. M. A. Kalmykov. Izv. Akad. ped. nauk RSFSR no. 83:133-153 '56.

Sports specialization of school children in the light of data of medical research and methods for further studies on this problem. R. E. Motylianskaia. Teor. i prak. fiz. kul't. 19 no. 10:758-765 '56.

Methods of division into individual regions and types and their representation on maps. [illegible] Vop. geog. no. 30:28-60 '56.

Outline history of the relief of the U. S. S. R. and division into geomorphological regions. N. I. [illegible] Vop. geog. no. 30:103-120 '56.

Some discussion problems of landscape geography. Mil'kov. Vop. geog. no. 30:80-89 '56.

Using the quantitative method for studying small relief forms. D. L. Mozenon. Izv. Ak. [illegible] no. 5:110-125 S-O '56.

Zonal-regional characteristics of dry land soils. A. D. Gozhev. Uch. zap. Ped. inst. Gerts. 116:[illegible] '56.

PHYSICAL INSTRUMENTS

Readers' suggestions. Fiz. v shkole 16 no. 5:74 S-O '56.

PHYSICAL METALLURGY

Origin of elastic imperfections in polycrystalline [illegible]. A. V. Gur'ev. Fiz. met. i metallored. 1 no. 2:[illegible] '56.

Relationship between cycle frequencies, deformation amplitudes and the maximum plasticity of metals and some alloys subjected to alternating deformation. P. [illegible] Rybalko, G. V. Mirolubov, N. N. Stotskii. Fiz. met. i metallored. 3 no. 2:341-346 '56.

Scale effect in investigating the process of friction and wear of metals. V. I. Bondar'. Fiz. met. i metalloved. 3 no. 2:363-368 '56.

PHYSICAL THERAPY

Physiological basis of kinesiotherapy of motor disturbances following insultus. G. N. Tkacheva. Zhur. vyssh. nerv. deiat. 6 no. 4:561-568 Jl-Ag '56.

PHYSICISTS, FRENCH

French physicists on a visit to the USSR. Vest. AN 26 no. 9:76-77 S '56.

PHYSICS

Terletskii, IA. P. [Dynamic and statistical laws of physics] Dinamicheskie i statisticheskie zakony fiz [Moskva] Izd-vo Moskovskogo univ., 1949. 93 p. [MICROFILM]

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—EXPERIMENTS

A few simple experiments. S. I. Ilrov. Fiz. v shkole 16 no. 5:75-76 S-O '56.

Useful advice. S. I. Lapitskii. Fiz. v shkole 16 no. 68-70 S-O '56.

PHYSICS—PHILOSOPHY

Dialectical materialism on the materiality of the world and modern physics. F. Dolgikh. Kommun. [illegible] no. 10:63-71 O '56.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Control of laboratory exercises. TS. P. Kale. Fiz. v shkole 16 no. 5:36-37 S-O '56.

Three simple laboratory exercises. N. F. Monakhtin. Fiz. v shkole 16 no. 5:58-59 S-O '56.

What physics problems on technical topics should be like. M. I. Bludov. Fiz. v shkole 16 no. 5:28-31 S-O '56.

PHYSICS—STUDY AND TEACHING
(see also subdivision under Bryansk; Germany, West United States)

Books published in the series "Experience of advanced teachers." Fiz. v shkole 16 no. 5:84-86 S-O '56.

From the experience of scientific and atheistic education in classroom instruction. V. M. Deriabin, T. N. Borisova. Fiz. v shkole 16 no. 5:71-73 S-O '56.

Professional educational orientation in a course on theoretical physics in pedagogical institutes. S. V. Iamailov. Uch. zap. Ped. inst. Gerts. 124:111-130 '56.

Reviewing in the 10th class. G. M. Izrailev. Fiz. v shkole 16 no. 5:19-22 S-O '56.

Using engineering instruments and new materials in teaching physics. L. I. Reznikov, N. M. Shakhmaev. Fiz. v shkole 16 no. 5:51-53 S-O '56.

PHYSICS, NUCLEAR see Nuclear physics

PHYSIOLOGICAL APPARATUS

Compensation buret for Golden's gas analyser. V. L. Chumichev. Fiziol. zhur. 42 no. 9:819-820 S '56.

Device for recording work of the internal organs of sheep at a distance. B. V. Panin. Kar. i iver. 2 no. 5:82-84 S-O '56.

Methods for the separate collection of saliva produced by conditioned and unconditioned reflexes in conditioned reflex experiments. L. I. Chilingarian. Uch. zap. MGPI 84:47-51 '55.

PHYSIOLOGICAL CHEMISTRY

Histochemistry of bone tissues and certain problems of skeletal histogenesis. A. IA. Fridenshtein. Usp. sovr. biol. 42 no. 2:240-255 S-O '56.

PHYSIOLOGICAL EFFECT OF CARBON DIOXIDE see Carbon dioxide—Physiological effect

PHYSIOLOGICAL EFFECT OF LIGHT ON PLANTS see Plants, Effect of light on

PHYSIOLOGICAL PSYCHOLOGY see Psychology, Physiological

PHYSIOLOGICAL THERAPEUTICS, see subdivision 'Therapeutics, Physiological' under Kislovodsk

PHYSIOLOGY
(see also subdivision under China)

Chukichev, I.P. [Unity of the theoretical positions of I.P.Pavlov, N.E.Vvedenskii, and A.A.Ukhtomskii] O edinstve teoreticheskikh pozitsii, I.P.Pavlova, N.E. Vvedenskogo, A.A.Ukhtomskogo. Moskva, Sovetskaia nauka, 1956. 109 p. (DAFM)

PHYSIOLOGY—PERIODICALS

Enlarged session of the Office of the Department of Biological Sciences of the Academy of Sciences of the U.S.S.R. F. P. Vedinev. Fiziol. zhur. 42 no.9: 826-829 S '56.

PHYSIOLOGY—STUDY AND TEACHING

Physiology and pedagogy. M. A. Pankratov. Uch. zap. Ped. inst. Gerts. 124:21-41 '56.

PHYTOGEOGRAPHY
(see also subdivision under Kazakhstan; Siberia, Eastern)

Aerial visual geobotanical observations in deserts and semideserts. M. S. Kas'ianova. Trudy VAGT no. 1: 147-151 '55.

Geobotanical evidence of bituminosity. E. A. Vostokova and others. Trudy VAGT no. 1:99-117 '55.

Geobotanical investigation methods in connection with boron prospecting. N. I. Butalov, A. M. Shvyrlaeva. Trudy VAGT no. 1:135-146 '55.

Geobotanical investigations in connection with ore prospecting. N. G. Nesvetailova. Trudy VAGT no. 1: 118-134 '55.

Methods for compiling ground salinity maps on the basis of geobotanical data. D. D. Vyshivkin. Trudy VAGT no. 1:71-81 '55.

Periodic law of geographic zonality. A. A. Grigor'ev, M. I. Budyko. Dokl. AN SSSR 110 no. 1:120-132 S-O '56.

Possibilities of using geobotanical characteristics for detecting salt dome structures. A. M. Shvyrlaeva, L. M. Starikova. Trudy VAGT no. 1:82-88 '55.

Results of using geobotanical characteristics for distinguishing lithologically similar strata of different origin. A. M. Shvyrlaeva. Trudy VAGT no. 1:19-33 '55.

Results of using geobotanical methods for compiling a lithological map of ancient alluvial deposits. L. F. Voronkova. Trudy VAGT no. 1:34-43 '55.

Results of using geobotanical methods in hydrogeological investigations in Chernozem regions. L. S. Demidova and others. Trudy VAGT no. 1:61-70 '55.

Short outline history of the development and present state of geobotanical methods in geology. S. V. Viktorov. Trudy VAGT no. 1:5-10 '55.

Using geobotanical characteristics for detecting tectonic disturbances. S. V. Viktorov, E. A. Vostokova, L. F. Voronkova. Trudy VAGT no. 1:89-98 '55.

Zonal-regional characteristics of dry land surface. A. D. Gozhev. Uch. zap. Ped. inst. Gerts. 116:31-50 '56.

PHYTONCIDES

The problem of phytoncides and tasks of scientific and practical pharmacology. V. P. Kalashnikov. Apt. delo 5 no. 5:40-52 S-O '56.

PHYTOPLANKTON see subdivision under Bering Sea

PIANO MUSIC—COMPETIONS see subdivision under Brussels

PICOLINE

Catalytic demethylation of $\alpha$-picoline to pyridine under the action of water vapor. A. A. Balandin, L. I. Sovalova, T. A. Slovokhotova. Dokl. AN SSSR 110 no. 1:79-82 S-O '56.

PICTURE-GALLERIES see subdivision 'Art—Galleries and museums' under Moscow; Tula

PIEZOELECTRICITY

Natural oscillations of crystalline bars of an arbitrary section of ammonium dihydrophosphate. F. M. Alematkin. Dop. ta pov. L'viv. un. no. 4, pt. 2:67-68 '53.

Natural oscillations of crystalline flakes of an arbitrary section of ammonium dihydrophosphate on the basis of thickness. F. M. Alematkin. Dop. ta pov. L'viv. un. no. 4, pt. 2:68-70 '53.

PIG IRON see Cast iron

PIGEONS see subdivision under Europe

PIGS see Swine

PIKE

Underwater fowler. P. Stefarov. Pionerila 33 no. 10: 32 O '56.

PILING (CIVIL ENGINEERING)

Introduce efficient methods of constructing bridge support foundations. D.V.Bronnikov. Avt.dor. 19 no.9: 8-9 S '56.

Strain in bridge supports on high pilework subjected to horizontal forces. M.K. Nikitin. Sbor. LIIZHT no. 150:86-102 '56.

Using water jet piles in bridge construction. S.A.Khachaturiants. Avt.dor. 19 no.9:6-7 S '56.

PILOT BALLOONS see Balloons, Pilot

PILOTING (AERONAUTICS) see Airplanes—Piloting

PINE

Pine with a high resin yield. I. I. Orlov. Gidroliz. i lesokhim. prom. 9 no. 4:14 '56.

Sexual variation in some pine species. G. D. Gal'pern. Biul. Glav. bot. sada no. 24:58-63 '56.

Tolkachev, A.K., and M.A. Sinelobov. [Innovations in the tapping of pine and spruce] Novoe v podsochke sosny i ели. Moskva, Goslesbumizdat, 1956. 61 p.

PINE—DISEASES AND PESTS see subdivision under Kazakhstan

PINENE

Conversions of organic compounds on aluminosilicate catalysts. Report no. 10: Conversion of $\beta$-pinene on askanite. I. S. Sattar-zade. Uch. zap. AGU no. 11:43-46 '55.

Conversions of organic compounds over aluminosilicate catalysts. Part 9. Study of the optical activity during the conversion of d-pinene by means of active clays. I. S. Sattar-Zade. Uch. zap. AGU no. 9:13-16 '55.

PING-PONG see subdivision 'Table tennis' under Poland

PINS AND NEEDLES

Mechanization of the needle industry. M. A. Krasnopol'skii. Med. prom. 10 no. 3:41-42 Jl-S '56.

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Kaliningrad)

At a Pioneer camp. T. Mil'kevich. IUn. nat. no. 3:13-15 Je '56.

The children of all lands are friends! V. V. Strunin. Nach. shkola 24 no. 11:11-14 N '56.

Children's self-activity. A. D'iakonova. Sem'ia i shkola 11 no. 11:4-6 N '56.

"Class leaders on their work with Pioneers and the Communist Youth League." Reviewed by K. A. IUshchenko. Rad. shk. 35 no. 10:52-53 O '56.

Much depends on them. G. Gasparov. Mol. komm. 14 no. 10:68-74 O '56.

[V.I.Lenin Pioneer Organization; a textbook for pedagogical schools] Pionerskaia organizatsiia imeni V.I.Lenina; posobie dlia pedagogicheskikh uchilishch. Izd. 2-oe, Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956, 325 p.

Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov. Kul'turno-massovyi otdel. [Plans for activities of clubs at Pioneer camps] Plany zaniatii kruzhkov v pionerskikh lageriakh. [Moskva] 1956. 77 p.

PIONEERS (COMMUNIST YOUTH)—BIBLIOGRAPHY see Bibliography—Pioneers (Communist Youth)

PIPE, CONCRETE

Investigation of the strength of concrete pipe structural elements. A. F. Lipatov. Trudy TSNIIS no. 19:251-298 '56.

PIPE, STEEL

Continuous rapid heating of pipes prior to reduction. N. IU. Taits, G. N. Kheifets, V. B. Tov. Stal' 16 no. 9: 820-830 S '56.

Determining the surface projection area of pipes being in contact with the rolls of automatic mills. V. V. Shvetkin. Trudy Ural. politekh. inst. 5 no. 45:121-136 '53.

Improving the kinematics of mills for cold pipe rolling. I. IU. Korobochkin. Stal' 16 no. 9:806-808 S '56.

"Pipe rolling processes" by N. F. Ermolaev. Reviewed by IU. I. Vashchenko, M. A. Budkin. Stal' 16 no. 9:861 S '56.

PIPE, STEEL—WELDING

Arc welding of high-pressure pipelines. L. S. Livshits and others. Trudy VNIISTROINEFT no. 7:108-124 '56.

New brands of steel for the manufacture of large-diameter petroleum gas pipes with a longitudinal electrically welded seam. M. P. Anuchkin. Trudy VNIISTROINEFT, no. 7:53-64 '56.

The study of resistance butt welding of pipes made of 12Kh5MA chromium-molybdenum steel and 1 Kh18N9T chromium-nickel steel. F. I. Kisliuk. Trudy VNIISTROINEFT no. 7:126-141 '56.

Welding of pipes made of 12Kh5MA steel substitutes not containing molybdenum. L. S. Livshits, M. IA. Chushenkova. Trudy VNIISTROINEFT no. 7:98-107 '56.

Welding 12Kh5MA steel pipes. L. S. Livshits and others. Trudy VNIISTROINEFT no. 7:86-97 '56.

PIPE BENDING

New pipe-bending machine. A. T. Sviatnenko. Elek. sta. 27 no. 9:50 S '56.

PIPE CUTTING

Device for cutting pipes. L. M. Reizin. Svar. proizv. no. 9:29 S '56.

Device for oxygen cutting of pipes to uniform length. I. A. Bazhenov. Svar. proizv. no. 9:29 S '56.

Pipe cutting machine of new design. V. G. Khanin. Stroi. i dor. mashinostr. no. 9:29-30 S '56.

Plant practices. P. A. Musienko. Sakh. prom. 30 no. 7: 39-40 Jl '56.

PIPELINES

Bitumen and rubber insulation of pipelines. V. I. Zhukov, A. A. Kozlovskaia. Trudy VNIISTROINEFT no. 6:18-33 '56.

Determining the interrelationship of length of drop and input depth on pressureless pipes. G. G. Bogdanov. Transp. stroi. 6 no. 9:26-27 S '56.

Distribution of potentials along pipelines with cathodic protection. N. A. TSekun. Energ. biul. no. 10:13-16 O '56.

Effect of a superimposed continuous current on the bituminous coating of steel pipelines. E. A. Andreeva and others. Trudy VNIISTROINEFT no. 6:52-80 '56.

Electric means of protection of main pipelines from subsurface corrosion. V. I. Glazkov, V. G. Kotik, P. V. Doroshenko. Trudy VNIISTROINEFT no. 6:97-123 '56.

Measuring the current intensity in pipelines by the compensation method. V. I. Glazkov. Trudy VNIISTROINEFT no. 6:140-147 '56.

Protection of main pipelines from corrosion caused by currents from continuous current transmission lines. V. G. Kotik, V. I. Glazkov. Trudy VNIISTROINEFT no. 6:124-139 '56.

Trenchless laying of pipelines. M. I. Smorodinov. Transp. stroi. 6 no. 9:18-20 S '56.

PIRIE, GORDON, 1931-

Gordon Pirie. P. Andreev. Leg. atl. no. 9:20-30 S '56.

PIROPLASMOSIS

Differential diagnosis of infectious encephalomyelitis and a neural form of nuttalliosis. V. I. Rotov. Sbor. trud. Khar'. vet. inst. 20:118-122 '49.

PISTOLS

Armorer and inventor. V. Korol'kov. Voen. znan. 31 no. 8:25 Ag '56.

PISTON RINGS

New piston ring designs. N. V. IUrtaikin. Rech. transp. 15 no. 8:24-25 Ag '56.

Use of the shaft-type electric furnace instead of the chamber-type furnace for heat treating diesel piston rings. Suggestion by V. M. Sharkov. Prom. energ. 11 no. 10:26 O '56.

PISTONS

Increasing the heat resistance of piston heads on internal combustion marine engines. G. Treivas, K. Khatskin. Mor. flot 16 no. 10:18-20 O '56.

PITUITARY BODY

Significance of the thyrotropic function of the pituitary in the pathogenesis of thyrotoxicosis. IU. E. Livergant. Probl. endok. i gorm. 2 no. 4:32-41 Jl-Ag '56.

PITUITARY BODY—DISEASES

Data on the pathoanatomy and pathogenesis of Simmonds' disease. L. D. Krymskii, A. P. Maistiuk. Probl. endok. i gorm. 2 no. 4:82-87 Jl-Ag '56.

PITUITARY BODY—TUMORS

Significance of endocrine metabolic disorders in the diagnosis, prognosis, and therapy of tumors of the pituitary. P. V. Epshtein. Vop. neirokhir. 20 no. 5: 49-55 S-O '56.

PITUITARY EXTRACT

Variation in the degree of bacterial contamination of pituitrin during production. N. A. Skuratova. Probl. endok. i gorm. 2 no. 4:127 Jl-Ag '56.

PLACENTA

Histochemical examination of the glycogen content of the human placenta at various stages of pregnancy. S. S. Kasab'ian. Akush. i gin. 32 no. 4:17-20 Jl-Ag '56.

PLACENTA—TRANSPLANTATION

Placental transplantation in the treatment of vesicogenital fistulas in women. N. E. Sidorov, N. L. Kapiiushnik. Akush. i gin. 32 no. 4:51-58 Jl-Ag '56.

PLANING MACHINES

Planing machine with hard-alloy tipped knives. M. A. Zastanchenko, V. P. Shevchenko. Der. prom. 5 no. 10: 22 O '56.

PLANKTON
(see also subdivision under Kurile Trench)

Letter to the editor. L. A. Zenkevich. Priroda 45 no. 11:128 N '56.

PLANNING, NATIONAL see Economic policy

PLANNING, REGIONAL see Regional planning

PLANS see Maps

PLANT BREEDING
Changing the nature of some annual forage plants. M. P. Elsukov. Sel. i sem. 31 no. 4:36-44 '56.
Friendship of the sciences and its violations. Nash. sovr. 3:130-141 '56.
Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I.Lenina. [Methods and results in plant breeding and seed production] Metody i rezul'taty selektsionno-semenovodcheskoi raboty. Pod red. D.A.Dolgushina. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 135 p.

PLANT CUTTINGS
Physiological state of cuttings from nonrooting plants and the effect of growth-promoting substances. M. Kh. Chailakhian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:39-50 S '56.

PLANT DISEASES
(see also subdivision under United States)
Group specializing in experimentation. IU. V. Endrzheevskii. Zashch. rast. ot vred. i bol. 1 no. 4:8-9 S-O '56.
Nematode diseases in ornamental plants. N. M. Sveshnikova. Biul. Glav. bot. sada no. 24:74-81 '56.
Pay more attention to economic problems. Zashch. rast. ot vred. i bol. 1 no. 4:3-5 S-O '56.
Tetramethylthiuram disulfide, a new chemical for controlling plant diseases. A. A. Rusakova, F. P. Shevchenko. Zashch. rast. ot vred. i bol. 1 no. 4: 54-55 S-O '56.
Use pyrite cinders. I. M. Ognev. Zashch. rast. ot vred. i bol. 1 no. 4:32 S-O '56.

PLANT DISEASES—BIBLIOGRAPHY see Bibliography—Plant diseases

PLANT LICE see subdivision under Samur-Dirichi Canal region; Ukraine

PLANT QUARANTINE
First Soviet-Albanian conference on plant quarantine and protection. V. A. Zashch. rast. ot vred. i bol. 1 no. 4 45-46 S-O '56.
First Soviet-Korean Conference on Plant Quarantine and Protection. V. A. Zashch. rast. ot vred. i bol. 1 no. 4:46-47 S-O '56.

PLANT REGULATORS see Growth promoting substances

PLANTERS (AGRICULTURAL MACHINERY)
Improved potato planter. Kartofel' no. 4:61 S-O '56.
Machine for grape planting. N. N. Klitsko. Vin. SSSR 16 no. 5:49-51 '56.
Modernized checkrow corn planter. V. A. Povidailo, K. I. Bespalov. Sel'khozmashina no. 9:14-15 S '56.
Testing the seeding apparatus for accuracy in checkrowing corn. R. I. Grossman. Sel'khozmashina no. 9:16-17 S '56.

PLANTS—ASSIMILATION
Assimilation of sulfur anhydride from the air by plants. Zh. Medvedev, E. A. Fedorov. Priroda 45 no. 11:84-86 N '56.

PLANTS—CHEMICAL ANALYSIS
Distribution of biotin in the vd tive organs of plants V. V. Filippov, R. N. Milich, G. S. Tarasik. Biul. Glav. sada no. 24:31-42 '56.
Field laboratory for the analysis of soils and plants. K. P. Magnitskii. Ud. i ur. 1 no. 10:23-32 O '56.
Separation and identification of plant carbohydrates by means of paper partition chromatography. I. S. Kozhina. Bot. zhur. 41 no. 9:1309-1314 S '56.

PLANTS—ECOLOGY see Botany—Ecology

PLANTS, EFFECT OF NITROGEN ON
Effect of various nitrogen fertilizers on the yield of winter wheat. I. V. Mosolov, N. A. Dmitrieva, V. F. Skvortsov. Ud. i ur. 1 no. 10:42-43 O '56.

PLANTS, EFFECT OF SALTS ON
Shakhov, A. A. [Salt resistance of plants] Soleustoichivost' rastenii. Moskva, Izd-vo Akademii nauk SSSR, 1956. 550 p.

PLANTS, EFFECT OF TEMPERATURE ON
Effect of soil temperature on the development and accumulation of starch in potatoes. F. IA. Buzover. Biul. Glav. bot. sada no. 24:46-51 '56.
In the Far North. V. P. Dadykin. Nauka i zhizn' 23 no. 10:17-18 O '56.
Reasons for the loss of winter wheat and some means of avoiding it. A. G. Pichikin, P. D. Riabushko. Zemledelie 4 no. 10:49-54 O '56.
Relation of the sum of active temperatures to the vegetative period. V. I. Vinnichenko. Vin. SSSR 16 no. 5:33-36 '56.
Summer and fall frost damage to potato tops and further accumulation of tuber yields. M. N. Goncharik. Dokl. Akad. sel'khoz. 21 no. 10:19-22 '56.

PLANTS, ORNAMENTAL
Some ornamental forms of the pomegranate. L. A. Enfiadzhian. Izv. AN Arm. SSR. biol. i sel'khoz. nauki 9 no. 9:109-115 S '56.

PLANTS, PROTECTION OF
First Soviet-Albanian conference on plant quarantine and protection. V. A. Zashch. rast. ot vred. i bol. 1 no. 4 45-46 S-O '56.
First Soviet-Korean Conference on Plant Quarantine and Protection. V. A. Zashch. rast. ot vred. i bol. 1 no. 4:46-47 S-O '56.

PLANTS, PROTECTION OF—EXHIBITIONS
Plant protection exhibit. R. L. Nainik. Zashch. rast. ot vred. i bol. 1 no. 4:34-36 S-O '56.

PLANTS, SEX IN
Sexual variation in some pine species. G. D. Gal'pern. Biul. Glav. bot. sada no. 24:58-63 '56.

PLANTS, SPACE ARRANGEMENT OF
Development of cotton plants as affected by the density of stands. N. A. Todorov, A. I. Neshina. Trudy SAGU no. 53:89-125 '54.
Effect of spacing on physiological and biochemical characteristics of the Sharp Leaf 3747 tobacco variety. A. G. Petrenko, A. N Korzhina. Tabak 17 no. 3:15-17 '56.
Reproductive processes in cotton plants in connection with the density and space arrangement of plants. A. A. Ponomarenko. Trudy AN Tadzh. SSR 36:17-30 '55.

PLANTS AND ANIMALS—GEOGRAPHICAL DISTRIBUTION see Geographical distribution of animals and plants

PLASTER BOARD
Makhinia, P. M. [Interior finishing of buildings with plaster board] Vnutrennaia otdelka zdanii sukhot shtukaturkoi. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitektune, 1956. 65 p. (Novatory stroitel'noi industrii)

PLASTERING—COLD WEATHER CONDITIONS
Using cold mortars in plastering. T. G. Kurinnyi. Nov. tekh. i pered. op. v strot. 18 no. 10:13-15 O '56.

PLASTICITY
Laws of plasticity. I. N. Vinogradov, IU. I. IAgn. Fiz. met. i metalloved. 3 no. 1:127-134 '56.
Method for determining localized and uniform plasticity in high-temperature tests. G. I. Pogodin-Alekseev. Zav. lab. 22 no. 8:979-981 Ag '56.
Methods of solving axial symmetry problems in the theory of plasticity. V. G. Berezantsev. Sbor. LIIZHT no. 150:25-38 '56.
Relationship between cycle frequencies, deformation amplitudes and the maximum plasticity of metals and some alloys subjected to alternating torsion. F. P. Rybalko, G. V. Mirolubov, N. N. Stulkin. Fiz. met. i metalloved. 3 no. 2:341-348 '56.

PLASTICS
Current-conducting plastic. L. IU. Kurts. Med. prom. 10 no. 3:43-44 Jl-S '56.
Finishing leather accessory articles with a polyvinyl chloride plastic edging. N. E. Bogopol'skii. Leg. prom. 16 no. 9:11-12 S '56.
Properties of scintillating plastics. M. M. Koton. Zhur. tekh. fiz. 26 no. 8:1741-1743 Ag '56.
Shturman, A. A. [Technology of pressing parts from thermosetting plastic materials] Tekhnologiia pressovaniia izdelii iz termoreaktivnykh plastmass. Moskva, Gos. izd-vo med. lit-ry, 1956.

PLASTICS INDUSTRY
"Plastics in machine construction." F. G. Dvoretskii. Reviewed by I. Filatov. Zhur. prikl. khim. 29 no. 9:1460-1462 S '56.

PLATE TOWERS
Mass transfer on sieve plates of varying inclination. I. N. Kuz'minykh, A. I. Rodionov. Zhur. prikl. khim. 29 no. 9:1330-1336 S '56.

PLATINUM COMPOUNDS
Methods for the synthesis of certain diamines of bivalent platinum of the type $^{a}_{a}Pt^{Cl}_{Cl}$. Kh. I. Gil'dengershel'. Zhur. neorg. khim. 1 no. 8:1745-1749 Ag '56.

PLATINUM ORGANIC COMPOUNDS
Complex compounds of bivalent platinum with -amino-butyric acid. L. M. Volshtein, M. F. Mogilevkina. Dokl. AN SSSR 110 no. 1:83-86 S-O '56.

PLAY
Play as a form of active learning activity for preschool children. R. M. Rimburg. Uch. zap. Ped. inst. Gerts. 126:77-101 '56.

PLAY PRODUCTION (THEATER) see subdivision 'Theater—Production and direction' under Ukraine

PLAZAS see subdivision under Moscow

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1916
Eminent propagandist of Marxism; 100th anniversary of the birth of G. V. Plekhanov. R. Suleimenov. Komm. Kazakh. 26 no. 11:19-26 N '56.

PLETHYSMOGRAPHY
Changes in the higher nervous activity in certain forms of arterial hypotension. V. P. Sil'vestrov. Terap. arkh. 28 no. 6:79-84 '56.

PLEURA
Methods of removing exudate from the intra- and extrapleural cavity. V. S. Bazhenov. Probl. tub. 34 no. 3:67-68 My-Je '56.

PLEXIGLAS—ELECTRIC PROPERTIES
Relaxation dielectric losses in polymethylmethacrylate. G. P. Mikhailov, T. I. Borisova, D. A. Dmitrochenko. Zhur. tekh. fiz. 26 no. 9:1924-1929 S '56.

PLOTKIN, IRYKHORII
"Heralds of freedom." Hryhorii Plotkin. Book review. Druzh. nar. no. 10:167 O '56.

PLOWING
Higher yields, lower costs. A. A. Novikov. Kartofel' no. 4:41-42 S-O '56.
Methods of conserving moisture in fall-plowed fields of Saratov Province. O. S. Sinel'shchikova. Sel'khoz. Povol. no. 9:31-34 S '56.
Prospects for improved tillage techniques. V. S. Sokolov. Kartofel' no. 4:40-41 S-O '56.
Subsoiling and weeds. L. D. Chistiakova. Sel'khoz. Povol. no. 9:29-31 S '56.

PLOWS
New plows. Tekhnov. MTS 17 no. 17:12-14 S '56.
PN-3-35 plow (text for cover drawing). Tekhnov. MTS 17 no. 18:16 S '56.
Soil conditions causing the wear of cultivating machinery in Polesye. I. S. Gonchar. Sel'khozmashina no. 9: 21-23 S '56.

PLUMB-LINE DEFLECTIONS
Plumb line behavior in mines. N. A. Kriakunov. [Trudy] VNIMI no. 30:154-194 '56.

PLURALITY OF WORLDS
Prospects of a new science. G. A. Tikhov. Nauka i zhizn' 23 no. 11:24 N '56.
"Trudy" of the Astrobotany Sector of the Academy of Sciences of the Kazakh SSR. Volumes 3 and 4. Reviewed by G. Idlis, L. Dobrunov. Astron. zhur. 33 no. 4:635-630 Jl-Ag '56.

PLYWOOD
Conveyor handling in the production of plywood suitcases. N. V. Anashkin. Der. prom. 5 no. 10:19-20 O '56.
Curling of three-layer and multilayer skis. K. K. Arsen'ev. Der. prom. 5 no. 10:15 O '56.
For further economy of adhesive materials in the plywood industry. Der. prom. 5 no. 10:9-10 O '56.
Manufacture of plywood and furniture panels at the Wiederitzsch Combine. D. M. Sterlin. Der. prom. 5 no. 10:27-29 O '56.

PNEUMATIC CONTROL
Calculating the static characteristics of pneumatic relays [with English summary in insert]. V. N. Dmitriev. Avtom. i telem. 17 no. 9:761-774 S '56.

PNEUMATIC MACHINERY
Investigating the dynamics of piston-type pneumatic engines. V. V. Berdnikov. Trudy Sem. po teor. mash. 15 no. 60:52-72 '56.

PNEUMATIC TOOLS
Pneumatic hammer for nailing crates. E. M. Bel'kevich. Der. prom. 5 no. 10:20-21 O '56.
Pneumatic jet for cement work. A. G. Votinov. Gidr. strot. 25 no. 9:57-58 O '56.

PNEUMATIC-TUBE TRANSPORTATION

Traitel'man, G.IA. [Pneumatic-tube transportation in woodworking enterprises] Pnevmaticheskii transport na derevoobrabatyvaiushchikh predpriiatiiakh. Moskva, Goslesbumizdat, 1956. 66 p.

PNEUMONIA

Course of experimental pneumonia following damage by radiation. G. A. Krivkov. Voen.-med. zhur. no. 7: 41-45 Jl '56.

Prevention and treatment of pneumonia in Karakul lambs. A. A. Pokudin, A. I. IArmoshkevich. Kar i zver. 9 no. 5:41-44 S-O '56.

PNEUMOPERITONEUM

Postoperative pneumoperitoneum. G. A. Mezentsev. Khirurgiia. 32 no. 7:82-83 Jl '56.

PNEUMOTHORAX

Bilateral pneumothorax following tracheotomy. O. P. Lebedeva. Vest. oto-rin. 18 no. 5:141-142 S-O '56.

Duration of effective therapeutic pneumothorax. I. L. Bugakov. Probl. tub. 34 no. 4:33-37 Jl-Ag '56.

Duration of treatment of tuberculosis with artificial pneumothorax. I. G. Lemberskii. Probl. tub. 34 no. 4: 28-33 Jl-Ag '56.

Experience in treating pulmonary tuberculosis with extrapleural pneumothorax. P. P. Logvinenko, Z. M. Mdivani. Probl. tub. 34 no. 3:42-44 My-Je '56.

Furman, A.S. [Artificial pneumothorax] Lechebnyi pnevmotoraks. Izd. 4-oe., ispr. i dop. Moskva, Medgiz, 1956. 208 p. (Biblioteka prakticheskogo vracha) (DAFM)

Treatment of pulmonary tuberculosis with extrapleural pneumothorax in children and adolescents. F. M. Ganago, M. L. Shulutko. Probl. tub. 34 no. 3:37-42 My-Je '56.

POACHING

(see also subdivision under Siberia)

Follow-up on articles published in this journal. Okh. i okh. khoz. no. 10:63 O '56.

PODOLIA—EROSION

Development of erosion processes in western Podolia and the fight against them. A. D. Kucheruk. Dop. ta pov. L'viv. un. no. 3, pt. 2:10-11 '52.

PODOLIA—PHOSPHATES

New data on the occurrence of phosphorites in pay strata of Podolia. M. F. Stashchuk. Geol. zhur. 16 no. 3: 70-83 '56.

PODOLINS'KYI, S. A.

Features of S. Podolins'kyi's social and economic views. P. P. Kot. Nauk. zap. Kiev. un. 15 no. 1:125-149 '56.

PODOL'SK DISTRICT—SWINE

From the practice of veterinary services to a progressive state farm. L. S. Veterinariia 33 no. 11:21-23 N '56.

POISONOUS GASES see Gases, Asphyxiating and poisonous

POLAND—AQUATIC SPORTS

International Spartakiada in water sports. I. Kulik. Voen. znan. 31 no. 9:18 S '56.

POLAND—CATHOLICS

Our forum. Mol. mira no. 9:2 '56.

POLAND—COMMUNIST PARTY

Problems in party work in resolutions of the seventh Plenum of the Central Committee of the Polish United Workers Party. Kommunist 33 no. 14:101-108 S '56.

POLAND—DESCRIPTION AND TRAVEL

Vorob'ev, Evgenii. [Polish encounter; travel sketches] Pol'skie vstrechi; putevye ocherki. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 174 p. (Biblioteka soldata i matrosa)

POLAND—ECONOMIC CONDITIONS

Problems in party work in resolutions of the seventh Plenum of the Central Committee of the Polish United Workers Party. Kommunist 33 no. 14:101-108 S '56.

POLAND—FRUIT CULTURE

In the people's Poland. Alexander Rejman. Priroda 45 no. 10:65-67 O '56.

POLAND—HISTORY

Appeal of Polish democrats to Russian soldiers. I. I. Kostiushko. Krat. soob. Inst. slav. no. 19:78-83. 83 '56.

Failure of imperialist plans to determine the Polish-Soviet frontier at the time of the Second World War. A. M. Shlepakov. Nauk. zap. Inst. ist. AN URSR 7: 268-281 '56.

The revolutionary trend in the uprising of 1794. B. Leśnodorski. Krat. soob. Inst. slav. no. 19:31-40 '56.

POLAND—HYDRAULIC MINING

Use of hydraulic filling in mines of the Polish People's Republic. F. Iopek. Ugol' 31 no. 10:38-40 O '56.

POLAND—LABOR AND LABORING CLASSES—PERIODICALS

"Ekonomika i organizacja pracy" (Economics and the organization of labor), a journal of the Polish Institute of Economics and Industrial Organization. R. Zorin. Sots. trud. no. 4:115-119 Ap '56.

POLAND—MANORS

Problem of the genesis of the manor in Poland. S. Arnold. Krat. soob. Inst. slav. no. 19:41-45 '56.

POLAND—MUSIC, POPULAR (SONGS, ETC.)

Guest performances of "Blue jazz." Sov. muz. 20 no. 9:113-115 S '56.

POLAND—PEASANT UPRISINGS

Peasant uprising in the summer of 1932 in the south-eastern mountain region of Poland. O. IU. Karpenko. Nauk. zap. Inst. ist. AN URSR 7:169-188 '56.

POLAND—PEASANTRY

Class struggle of the Polish peasantry during the formation of a commodity economy; 12th century to the middle of the 14th century. J. Bardach. Krat. soob. Inst. slav. no. 19:46-63 '56.

POLAND—PHYSICAL GEOGRAPHY

Geomorphological mapping in the People's Republic of Poland. A. I. Spiridonov. Izv. AN SSSR, Ser. geog. no. 5:101-107 S-O '56.

POLAND—POLITICS AND GOVERNMENT

Vital force of the socialist system; a review of the Polish press. Nov. vrem. 14 no. 45 :8-10 N '56.

POLAND—RELATIONS (GENERAL) WITH RUSSIA

Fraternal friendship between the Polish and Russian peoples. N. I. Marakhov. Nauk. zap. Inst. ist. AN URSR 7:21-53 '56.

Seven thousand letters from Poland. A. Panfilov. Ogonek 34 no. 47:7 N '56.

POLAND—REVOLUTION OF 1905

Academic session in Warsaw devoted to the 50th anniversary of the first Russian revolution. I. A. Khrenov. Ist. zap. 56:306-319 '56.

POLAND—SLAVIC STUDIES

The work of the Polish-Soviet Institute. Z. Mlynarskii. Vop. ist. no. 9:219-221 S '56.

POLAND—TABLE TENNIS

It started with ping-pong. V. Gaidachko. Vozhatyi 32 no. 10:37-38 O '56.

POLAND—TUBERCULOSIS

Organization of work for pulmonary tuberculosis patients in the Polish Democratic Republic. A. Nauman. Probl. tub. 34 no. 4:65-68 Jl-Ag '56.

POLAND—WORLD WAR, 1939-1945

Causes of the collapse of bourgeois-landowner Poland in September 1939. P. M. Kalenychenko. Nauk. zap. Inst. ist. AN URSR 7:147-168 '56.

Military career of Czechoslovak and Polish military units, formed during the Great Patriotic War of the Soviet Union on the territory of the U. S. S. R. I. I. Kompaniets'. Nauk. zap. Inst. ist. AN URSR 7:36-61 '56.

POLARISCOPE

Using fine-grain conoscope technique in the microscopic study of polished sections and its application in the universal-theodolite method. IU. V. Mozzherin. Zap. Vses. min. ob-va 85 no. 3:434-435 '56.

POLARIZATION (ELECTRICITY)

Calculation of concentration polarization in non-steady state electrolysis. [with English summary in insert]. S. V. Gorbachev. Zhur. fiz. khim. 30 no. 7:1484-1499 Jl '56.

New conclusions from the theory polarization in an alternating electrical field. L. M. Imanov. Uch. zap. AGU no. 8:30-50 '55.

POLARIZATION (LIGHT)

Polarization of star light, magnetic field, and spiral structure of the Galaxy in the vicinity of Sagittarius. G. Shain. Astron. zhur. 33 no. 4:460-473 Jl-Ag '56.

POLAROGRAPH

Development and study of heat resistant polarizers. G. I. Distler, E. V. Parvova. Kristallografiia 1 no. 2: 221-227 '56.

Electronic recording polarograph. L. S. Kleinshtein. Khim. prom. no. 5:265-268 Jl-Ag '56.

Optical properties of new ultraviolet polarizers. G. I. Distler. Kristallografiia 1 no. 2:218-220 '56.

Polarograph for automatically recording polarization curves in molten salts [with English summary in insert]. L. N. Antipin, IU. B. Kholmanskikh, S. F. Vazhenin. Zhur. fiz. khim. 30 no. 7:1672-1675 Jl '56.

POLAROGRAPHY

Use of a polarograph for the determination of the pH of the initial precipitation of manganese hydroxide and of its solubility product. P. N. Kovalenko. Zhur. neorg. khim. 1 no. 8:1717-1721 Ag '56.

POLE VAULTING

Pole vaulting technique. V. Tipakov, V. Chernobai. Leg. atl. no. 9:12-15 S '56.

POLESYE—ECONOMIC GEOGRAPHY

"Studies on the nature and agriculture of the Ukrainian Polesye." Reviewed by L. G. Kamanin, P. M. Alampiev. Izv. AN SSSR, Ser. geog. no. 5:126-131 S-O '56.

POLESYE—PHYSICAL GEOGRAPHY

Physical geographical characteristics of western Ukrainian Polesye. N. D. Orel. Dop. ta pov. L'viv. un. no. 4, pt. 2:21-23 '53.

POLESYE—POTATO BREEDING

Potato breeding in Polesye. M. F. Ostrovskii, S. I. Pilipenko. Kartofel' no. 4:48-51 S-O '56.

POLESYE—SOILS

Soil conditions causing the wear of cultivating machinery in Polesye. I. S. Gonchar. Sel'khozmashina no. 9: 21-23 S '56.

POLIAKOV, VLADIMIR, 1935-

Vladimir Poliakov. K. TSvetkov. Leg. atl. no. 9:9 S '56.

POLIANOVGRADSKOE, BULGARIA—RESERVOIRS

A new sea. N. Naidenov. Tekh. mol. 24 no. 10:4 O '56.

POLIOMYELITIS

Histopathology of acute progressive poliomyelitis. S. N. Savenko, N. M. Shinkerman. Zhur. nevr. i psikh. 56 no. 9:736-739 '56.

Surgery for complications of poliomyelitis [with summary in English, p. 158]. M. I. Kuslik. Vest. khir. 77 no. 9: 3-10 S '56.

World distribution of poliomyelitis. O. V. Barolan, I. N. Dobrova. Zhur. mikrobiol. epid. i immun. 27 no. 10: 97-104 O '56.

POLIOMYELITIS—PREVENTIVE INOCULATION

Success of vaccination against poliomyelitis. Pierre Lepine. Priroda 45 no. 11:38-42 N '56.

POLISH LANGUAGE—DIALECTS

Dialectology and the comparative historical method in linguistics. W. Doroszewski. Vop. iaz. 5 no. 5:68-73 S-O '56.

POLISHING, ELECTROLYTIC

Differential capacity of copper anodes in $H_3PO_4$ [with English summary in insert]. S. I. Kichmar, L. A. Shapunov, V. P. Galushko. Zhur. fiz. khim. 30 no. 7: 1452-1454 Jl '56.

POLITICAL ECONOMICS see Economics

POLITICAL PARTIES see subdivision under India

POLITICAL SCIENCE

Advanced political ideas of the peoples of Russia in the 19th century and the influence of Russian revolutionary democrats on it. A. O. Makovel'skii. Uch. zap. AGU no. 1:75-91 '55.

POLITICS see subdivision under Europe

POLITICS AND GOVERNMENT see subdivision under Germany, West; Tibet

POLLEN

Atmospheric precipitation water as a medium for germinating pollen grains. I. N. Golubinskii. Dokl. AN SSSR 109 no. 6:1203-1205 Ag '56.

Golden dust. E. Smirnova. IUn. nat. no. 2:34-35 My '56.

POLLEN, FOSSIL see subdivision under Ushchemerovo, Lake

POLLINATION see Fertilization of plants

POLONIUM—DECAY

Determination of the branching ratio in the $Po^{210}$ decay series. [with English summary in insert]. N. S. Shimanskaia. Zhur. eksp. i teor. fiz. 31 no. 2:174-177 Ag '56.

POLOSHOK—KAOLIN

Origin and possible uses of Poloshok kaolins. V. D. Symonenko. Geol. zhur. 16 no. 3:71-73 '56.

POLTAVA—ORPHANS AND ORPHANAGES

Neighbors. E. Shcherbak. Vozhatyi 32 no. 10:10-11 O '56.

POLTAVA PROVINCE—AMATEUR THEATRICALS

Theatricals in the field. A. Marchenko. Klub 6 no. 10: 18 O '56.

POLTAVA PROVINCE—EDUCATION—EXHIBITIONS AND MUSEUMS

Educational exhibitions in the province. Sov. pedag. 20 no. 11:124-125 N '56.

POLTAVA PROVINCE—POULTRY HATCHERIES

Poltava Province hatcheries raise ducks. M. M. Solodkii. Pitisevodstvo 6 no. 10:35 O '56.

POLYHALITE

Polyhalite as fertilizer. M. M. Mazaeva. Ud. i ur. 1 no. 10:21-22 O '56.

POLYMERIZATION

Copolymerization of diethylenic hydrocarbons with vinyl ethers. Part 1. Characteristics of the copolymerization of chloroprene and vinyl ethers. S. P. Mitsengendler, V. N. Krasulina, L. B. Trukhmanova. Izv. AN SSSR. Otd. khim. nauk no. 9:1120-1129 S '56.

Effect of promoter concentration on the speed of polymerization of styrene in an emulsion. N. S. TSvetkov, A. I. IUrzhenko. Dop. ta pov. L'viv. un. no. 3, pt. 2:33-34 '52.

Kinetics and mechanism of polymerization initiated by redox systems. Part 2. Polymerization in aqueous solution of methacrylic acid and acrylonitrile in the presence of certain redox systems [with English summary in insert]. T. M. Gritsenko, S. S. Medvedev. Zhur. fiz. khim. 30 no. 7:1513-1520 Jl '56.

Mechanism of acetylene polymerization. S. A. Vartanian, S. K. Pirenian. Dokl. AN Arm. SSR 23 no. 1:23-28 '56.

POLYMERS

Investigating the dielectric polarization and loss in polytrifluorochlorоethylene. G. P. Mikhailov, B. I. Sazhin. Zhur. tekh. fiz. 26 no. 8:1723-1729 Ag '56.

Plasticization of polyvinyl chloride by butadienenitrile co-polymer. Part 5. Investigations into the compatibility of the polymers in solutions [with English summary in insert]. S. S. Voiutskii, A. D. Zaionchkovskii, R. A. Reznikova. Koll. zhur. 18 no. 5:515-522 S-O '56.

Volumetric effects of dilute solutions of high polymers [with English summary in insert]. S. A. Glikman, L. A. Root. Koll. zhur. 18 no. 5:523-527 S-O '56.

POLYMERS—ELECTRIC PROPERTIES

Dielectric loss technique of investigating the concentration dependence of relaxation times in present-day polymers. G. P. Mikhailov, L. V. Krasner. Zhur. tekh. fiz. 26 no. 8:1738-1740 Ag '56.

POLYMORPHISM

Theory of the polymorphism of iron. V. N. Svechnikov, A. G. Lesnik. Fiz. met. i metalloved. 3 no. 1:87-96 '56.

POLYNOMIALS

N. I. Lobachevskii's discovery of the method of approximate solution of numerical algebraic equations. V. F. Rogachenko. Dop. ta pov. L'viv. un. no. 3, pt. 2:40-41 '52.

POLYZOA see subdivision under Japan, Sea of

POMEGRANATE see subdivision under Armenia

POMOZDINO DISTRICT—REINDEER

Pastures of forest reindeer farms in Pomozdino District, Komi A. S. S. R. A. A. Dedov. Trudy Komi fil. AN SSSR no. 2:59-69 '54.

PONDS

Construction of ponds. A. Anufriev, M. Rudanov. Sel'. stroi. 11 no. 9:21-23 S '56.

POPKOV, VIKTOR FEDOROVICH, 1907-1941

In memory of Viktor Fedorovich Popkov. V. I. Vlodavets. Biul. Vulk. sta. no. 15:30-31 '48.

POPLAR see subdivision under Ural Mountains

POPOV, MIKHAIL GRIGOR'EVICH, 1893-1955

Mikhail Grigor'evich Popov; obituary. D. M. Dobrochaieva, IE. M. Kondratiuk, Ukr. bot. zhur. 13 no. 3:100-103 '56.

POPOVA, ANTONINA PETROVNA

A. P. Popova, honored teacher of the schools of the R. S. F. S. R. S. Pytalev. Nach. shkola 24 no. 11:37-39 N '56.

POPOVKIN, EVGENII EFIMOVICH

New novel by E. Popovkin (Great flood"; a novel. Evg. Popovkin. Reviewed by L. Levandovskii). Sov. Ukr. 6 no. 8:178-177 S '56.

POPULISM (NARODNICHESTVO)

V. I. Lenin on the populism of the 1870's. N. M. Pirumova. Prep. ist. v shkole 11 no. 5:33-41 S-O '56.

PORCELAIN

New glaze for porcelain. P. P. Budnikov, IU. G. Shteinberg. Zhur. prikl. khim. 29 no. 9:1305-1309 S '56.

PORCELAIN, CHINESE

Kochetova, S. M. [Porcelain and paper in the art of China; a brief historical sketch] Farfor i bumaga v iskusstve Kitaia; kratkii istoricheskii ocherk. Moskva, Izd-vo Akademii nauk SSSR, 1956. 89 p. (Nauchno-populiarnaia serila)

POROSITY

Determining the degree of water saturation and effective porosity of sands. A. A. Khanin. Trudy VNIGNI no. 6:155-164 '55.

Determining the filtration coefficient and active porosity on the basis of wetting down dry ground underlain by a horizontal water-resistant layer. G. I. Barenblatt, V. M. Shestakov. Razved. i okh. nedr 22 no. 8:43-46 Ag '56.

Methods for studying the structure of highly dispersed and porous bodies (conference in Leningrad) E. V. M. Luk'ianovich. Vest. AN SSSR 26 no. 9:101-103 S '56.

Studies of the porous structure of solids by sorption methods. Part 1. Analysis of various methods for calculating the pore volume distribution [with English summary in insert]. M. M. Dubinin. Zhur. fiz. khim. 30 no. 7:1652-1661 Jl '56.

PORPHYRY see subdivision under Transbaikalia

PORTS see Harbors

POSITRONS

Probability of para-positronium annihilation accounting for the first radiation corrections. A. I. Alekseev. Zhur. eksp. i teor. fiz. 31 no. 1:164-166 Jl '56.

POSTAGE STAMPS—CATALOGS

Reviews and bibliography. Sov. knizh. torg. no. 8:27-28 Ag '56.

POSTAGE STAMPS—COLLECTORS AND COLLECTING

Philately. Mol. mira no. 9:3 of cover '56.

POSTAGE STAMPS—EXHIBITIONS see subdivision under Helsinki

POSTAL SERVICE

(see also subdivision under Penza)

Sell postage stamps. M. Shelegov. Raspr. poch. no. 9: 21 S '56.

Solovelchik, L. M. [Ways of increasing the profitableness of communication enterprises] Puti povyshenila rentabel'nosti predpriiatii sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 47 p. (Lektsii po ekonomike sviazi)

POSTERS

Fridman, IU. I. [Composing posters] Nabor afish. Moskva, Gos. izd-vo "Iskusstvo," 1955. 46 p., illus. (Biblioteka molodogo rabochego poligrafista)

Province libraries' posters. V. Shabanova. Bibliotekar' no. 11:41-43 N '56.

POSTURE

Corrective callisthenics for younger pupils. A. M. Fel'dt and others. Izv. Akad. ped. nauk RSFSR no. 83: 21-48 '56.

POTASSIUM

(see also subdivision under Bystritsa Nadvornyanskaya Valley; Stryy Valley)

Chirikov, F. V. [Agricultural chemistry of potassium and phosphorus] Agrokhimiia kaliia i fosfora. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 403 p.

Methods of determining free $K_2O$ in soil. L. I. Dashevskii, T. N. Antonova, O. M. Nichiporenko. Trudy Otd. pochv. AN Kir. SSR no. 5:77-80 '55.

POTASSIUM CHLORIDE

Rapid electrometric method of determining potassium chloride content in artificial leather. E. S. Khoroshaia and others. Leg. prom 16 no. 9:30-32 S '56.

POTASSIUM HALIDES

Oriented crystallization of potassium iodide and bromide on muscovite. I. E. Kamentsev. Kristallografiia 1 no. 2:240-243 '56.

POTASSIUM SALTS

(see also subdivision under Carpathian Mountain region)

Chemical removal of formic acid from acetic acid with potassium permanganate and bichromate. Z. K. Fedoseeva, G. N. Freidlin. Khim. prom. no. 5:306-307 Jl-Ag '56.

Solubility isotherm of the system $2Na^+, 2K^+ \| CO_3^{2-}, SO_4^{2-} + H_2O$ at 150°. L. S. Itkina, V. F. Kokhova. Zhur. neorg. khim. 1 no. 7:1665-1671 Jl '56.

Thermal and X-ray phase analysis of the system: $K_2BeF_4 - K_2SO_4$. M. E. Levina and others. Zhur. neorg. khim. 1 no. 7:1638-1641 Jl '56.

Thermal stability of easily fusible mixture of sodium and potassium nitrites and nitrates. N. K. Voskresenskaia, S. I. Berul'. Zhur. neorg. khim. 1 no. 8:1867-1870 Ag '56.

POTASSIUM SULFATES

Use of alunite for the hydrothermal preparation of potassium sulfate. S. D. Shargorodskii, O. I. Shor, A. S. Barabanova. Zhur. prikl. khim. 29 no. 4:402-408 Ap '56.

POTATO BEETLE

Prevent the advance of potato beetles. V. N. Obolenskii. Kartofel' no. 4:55-57 S-O '56.

POTATO BEETLE—CONGRESSES

Unite all efforts for pest control; from the international conference. V. V. Abramenko. Kartofel' no. 4:57-59 S-O '56.

POTATO BREEDING see subdivision under Poltava

POTATO SCAB

Potato scab. V. K. Neofitova. Kartofel' no. 4:[illegible] S-O '56.

POTATO WART

Discovering the endemic centers of potato wart. I. M. Datchenko, A. K. Zhelezniakov. Zashch. rast. ot vred. i bol. 1 no. 4:40-41 S-O '56.

POTATOES

(see also subdivision under China; Gorkiy Province; Kazakhstan; Kuznetsk Basin; Lithuania; Tajikistan)

Early potatoes. A. I. Pozhidaev. Kartofel' no. 4:28-31 S-O '56.

Effect of soil temperature on the development and accumulation of starch in potatoes. F. IA. Buzover. Biul. Glav. bot. sada no. 24:40-51 '56.

Effect of various factors during preplanting germination on the further development and yielding ability of potatoes. V. A. Kosmortov. Trudy Komi fil. AN SSSR no. 2:91-98 '54.

Ensiling potatoes for cattle feed. S. K. Zverzhanovskii. Kartofel' no. 4:30-32 S-O '56.

Enzymatic transformations of carbohydrates in different parts of potato tubers. T. T. Bolotina, A. N. Pchelina. Dokl. AN SSSR 109 no. 6:1171-1173 Ag '56.

For proper allocation of potato production throughout the country. Z. P. Vintaikin. Kartofel' no. 4:34-37 S-O '56.

Higher yields, lower costs. A. A. Novikov. Kartofel' no. 4:41-42 S-O '56.

History of potatoes ("On the history of potatoes" and "Potatoes," V. N. Cherkasov. Reviewed by V. F. Ivanovich). Bot. zhur. 41 no. 9:1367-1378 S '56.

Increased potato yield by means of culling in order to plant only heavy tubers. S. O. Grebinskii. Dop. ta pov. L'viv. un. no. 3, pt. 2:19-20 '52.

Make conditions suitable for scientific work. N. Timofeev. Kartofel' no. 4:30 S-O '56.

A matter of great importance. A. V. Kobozev, F. N. Shishov. Kartofel' no. 4:6-7 S-O '56.

Prospects for improved tillage techniques. V. S. Sokolov. Kartofel' no. 4:40-41 S-O '56.

Six hundred centners to the hectare. M. B. Cheprunov, A. S. Vasil'ev. Kartofel' no. 4:10-11 S-O '56.

Summer and fall frost damage to potato tops and factors accumulation of tuber yields. M. N. Goncharik. Dokl. Akad. sel'khoz. 21 no. 10:19-22 '56.

To Arctic regions. I. I. Mal'kov. Kartofel' no. 4:33 S-O '56.

We will not lag behind Bryansk potato growers. M. G. Maliutina. Kartofel' no. 4:8-9 S-O '56.

Work cooperation. F. S. Kurnosov. Kartofel' no. 4:22-23 S-O '56.

Zykova, E. A. [Increasing early potato productivity] Priemy povysheniia urozhainosti rannego kartofelia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p. (DA)

POTATOES—BIBLIOGRAPHY see Bibliography—Potatoes

POTATOES—DISEASES AND PESTS

(see also subdivision under Ukraine)

Certain particular features in the metabolism of potato plants affected by puckering mosaic disease. B. A. Rubin, V. E. Sokolova, O. N. Savel'eva. Dokl. AN SSSR 109 no. 6:1190-1193 Ag '56.

Controlling potato diseases during storage. M. V. Bondukova. Zashch. rast. ot vred. i bol. 1 no. 4:38-39 S-O '56.

Degeneration of some interspecific vegetative potato hybrids. B. H. Nurmists. Agrobiologiia no. 5:314-324 S-O '56.

Nematode resistance of some potato varieties. P. A. Khizhniak, V. P. Efremenko. Kartofel' no. 4:60-62 S-O '56.

Shumilenko, E. P. [Diseases of potatoes and ways of combating them] Bolezni kartofelia i mery bor'by s nimi. Sverdlovsk, Akademiia nauk SSSR, Ural'skii filial, 1956. 41 p. (DA)

POTATOES—HARVESTING

Efficiency rating of potato harvesting machines. G. B. Netman. Dokl. Akad. sel'khoz. 21 no. 10:44-47 '56.

New harvesting machinery. G. D. Petrov. Kartofel' no. 4:44-46 S-O '56.

POTATOES—STORAGE

Made of local building materials. N. I. Molchanov. Kartofel' no. 4:20-21 S-O '56.

Our experience in storing potatoes in surface silos. Z. S. Tarasenko. Kartofel' no. 4:16 S-O '56.

Some practical advice. D. I. Zhukovskii. Kartofel' no. 4:17-18 S-O '56.

Storing potatoes in surface silos. V. A. Kosmortov. Trudy Komi fil. AN SSSR no. 2:181-183 '54.

Treating tubers with chemicals. F. P. Platonov, L. A. Kobzev. Kartofel' no. 4:14-15 S-O '56.

POTATOES—VARIETIES
(see also subdivision under Estonia)
Eliminate shortcomings in testing potato varieties. L. Z. Zlekseev. Kartofel' no. 4:52-54 S-O '56.
Frost-resistant potato varieties. A. P. Gern. Agrobiologiia no. 5:140-147 S-O '56.

POTENTIAL, THEORY OF
Determination of Green's functions for the Bloch-Nordstieck model by the functional integration method [with English summary in insert]. A. V. Svidzinskii. Zhur. eksp. i teor. fiz. 31 no. 2:324-329 Ag '56.
Potential difference at the water - air interface [with English summary in insert]. A. N. Frumkin, Z. A. Iofa, M. A. Gerovich. Zhur. fiz. khim. 30 no. 7:1455-1468 Jl '56.

POTENTIOMETER
New magnetic device used as standard voltage measure for automatic potentiometers. A. M. Messerer. Izm. tekh. no. 4:36 Jl-Ag '56.
Potentiometer control in a circuit. TSekhanavichus, Kazhukauskas, Kasperavichus. Radio no. 9:54 S '56.
Regulating input voltage. A. Voznesenskii. Radio no. 9: 55 S '56.

POTTERY see subdivision under Kiev; Novgorod

POULTRY
(see also subdivision under Kaluga Province; Leningrad Province; Soviet Far East)
Bobruysk Poultry Combine raises chicks for meat. G. Sh. Zamdvais. Ptitsevodstvo 6 no. 10:23-25 O '56.
Comparison of metabolic intensity in various breeds of chickens with various types of conformation. V. I. Trusov. Fiziol. zhur. 42 no. 5:407-412 My '56.
Current problems of technical progress in poultry farming. N. P. Tret'iakov. Ptitsevodstvo 6 no. 10:8-14 O '56.
Embryonic development of chicks in an indoor-type incubator ("Ukrgigant"). E. F. Lisitskii, G. S. Krok. Sbor. trud. Khar'. vet. inst. 20:20-36 '49.
Kondratiuk, N. D. [The organization of poultry raising on state farms and on poultry farms] Organizatsiia ptitsevodstva v sovkhozakh i na ptitsefabrikakh. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1950. 336 p. (DA)
Make preparations for winter work. Ptitsevodstvo 6 no. 10:3-7 O '56.
Poultry farming on the Kustanay State Grain Farm. V. N. Ukolov. Ptitsevodstvo 6 no. 10:26-29 O '56.
[Poultry raising] Ptitsevodstvo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 636 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii) (DA)
Raise chickens. P. Fedotova. IUn. nat. no. 2:35 My '56.
Structure and functions of the liver in the chick embryo as related to its age. G. S. Krok. Sbor. trud. Khar'. vet. inst. 20:42-47 '49.
Ultraviolet irradiation of poultry raised in coops. N. V. Pigarev and others. Veterinariia 33 no. 11:70-73 N '56.
Water metabolism in chick embryos. A. M. Shchegiov. Sbor. trud. Khar'. vet. inst. 20:48-55 '49.
Work practices on the Dzerzhinskii State Farm. A. G. Vedernikov. Ptitsevodstvo 6 no. 10:36-37 O '56.

POULTRY BREEDS
[Urlovo rich-voiced chickens. V. V. Petrov. Ptitsevodstvo 6 no. 10:38-39 O '56.

POULTRY HATCHERIES
(see also subdivision under Poltava Province)
Mozdok Hatchery. N. N. Klychev. Ptitsevodstvo 6 no. 10:36 O '56.

POULTRY PLANTS
(see also subdivision under Hungary)
Economic structure of poultry plants. A. S. Sagatelian. Ptitsevodstvo 6 no. 10:15-18 O '56.
Improve the economic indexes of work in poultry plants. P. A. Burmistrov. Ptitsevodstvo 6 no. 10:18-20 O '56.
Raising and fattening chicks in poultry combines. F. I. Shevchenko. Ptitsevodstvo 6 no. 10:21-23 O '56.
Ways of raising production indexes of poultry plants. N. Kondratiuk. Mias. ind. SSSR 27 no. 5:47-50 '56.

POWDER METALLURGY
Equipment for producing powdered metals from melts. A. F. Silaev. Vost. mash. 36 no. 10:29-31 O '56.
Factors interfering with the normal shrinkage in sintering powdered metals. I. M. Fedorchenko. Zhur. tekh. fiz. 26 no. 9:2067-2075 S '56.
Investigation of copper sintering processes. R. I. Harbor, L. M. Poliakov, V. M. Mykhailovskyi. Ukr. fiz. zhur. 1 no. 1:88-97 '56.
Regular patterns in the mechanical strength curves of solids produced by sintering powdered metals. B. IA. Pines, N. I. Sukhinin. Zhur. tekh. fiz. 26 no. 9:2076-2085 S '56.
Sintering of nonmonophasic solids. Part 1. Sintering of heterogeneous granules. B. IA. Pines. Zhur. tekh. fiz. 26 no. 9:2086-2099 S '56.
Sintering of nonmonophasic solids. Part 2. Sintering of compressed powder mixtures. Concentration dependence of shrinkage. B. IA. Pines, N. I. Sukhinin. Zhur. tekh. fiz. 26 no. 9:2100-2107 S '56.

POWER, JUDICIAL see Judicial power

POWER DISTRIBUTION, ELECTRIC see Electric power distribution

POWER ENGINEERING see subdivision under India

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER PLANTS, ELECTRIC see Electric power plants

POWER PLANTS, STEAM see Steam power plants

POWER PRESSES
Hydraulic deep drawing of corrugations in hollow cylindrical workpieces. V. N. Frolov. Vest. mash. 36 no. 10:51-54 O '56.

POWER PRESSES—STANDARDS
Establishing precision norms for crank presses. A. F. Nistratov. Standartizatsiia no. 4:44-54 Jl-Ag '56.

POWER TOOLS
Power tools designed for use with gasoline engine drive. V. K. Moskalenko. Strol. i dor. mashinostr. 1 no. 10: 24-25 O '56.

POWER TRANSMISSION, ELECTRIC see Electric lines

POWER UTILIZATION see subdivision under Terter River

PRAGUE—CHESS—TOURNAMENTS
In Prague and Marianske Lazne. Shakh. v SSSR 33 no. 9:265 S '56.

PRAGUE—METABOLISM—CONGRESSES
International conference on problems of the nervous regulation of metabolism. Teor. i prak. fiz. kul't. 19 no. 10:798-799 '56.

PRECAST CONCRETE
Improving the production of large size concrete blocks. B. Z. Gorskii. Bet. i zhel.-bet. no. 10:363-366 O '56.
Low fences made of precast reinforced concrete. R. P. Balinskii. Bet. i zhel.-bet. no. 10:372 O '56.
Mariengof, G. D., and A. I. Shur. [The production of precast reinforced concrete construction elements and parts] Proizvodstvo sbornykh zhelezobetonnykh konstruktsii i detalei. Pod red. B. G. Skramtaeva. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 611 p.
The SA-2 universal vibrating unit. S. M. Afanas'ev. Nov. tekh. i pered. op. v strol. 18 no. 10:21-25 O '56.

PRECAST CONCRETE CONSTRUCTION
(see also subdivision under Denmark; Moscow)
Design of precast reinforced concrete frame elements for apartment houses. V. N. IArin, S. A. Rivkin. Nov. v strol. tekh. no. 7:5-13 '55.
Erecting arches from three-stage blocks without using formwork experimental investigation. I. A. Lukashenko. Nov. v strol. tekh. no. 7: 70-82 '56.
Experimental investigation of reinforced-concrete sloped double-camber panels. V. N. IArin and others. Nov. v strol. tekh. no. 7: 37-69 '56.
Novikov, B. P. [Precast reinforced concrete passenger and freight platforms] Sbornye zhelezobetonnye passazhirskie i gruzovye platformy. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 43 p.
Precast reinforced concrete elements for ... machine-tractor stations. I. A. Rokhlin, ... Nov. v strol. tekh. no. 7:14-36 '56.
Rigidity of bent precast concrete elem... permanent loads. I. I. Ulitskii. Nov ... no. 7:191-220 '56.

PRECAST CONCRETE CONSTRUCTION see Bibliography—Precast concrete

PRECAST CONCRETE CONSTRUCTION CONDITIONS
Plain and reinforced concrete constru... conditions. Bet. i zhel.-bet. no. 10:

PRECIPITATION (METEOROLOGY)
Forecasting spring floods in mountain... lacking snow surveys and high-moun... V. I. Korovin. Trudy KazNIGMI no

PRÉCIS WRITING
Journal of modern history abstracts. ... 35-36 '56.
Some defects in the journals of abstra... the Institute of Scientific and Techni... E. V. Ienish. Sov. bibl. no. 43:93-99

PRECISION CASTING see subdivision u...

PREGNANCY
Dynamics of pregnandiol level variations in normal and pathologic pregnancy and during various phases of the menstrual cycle. N. S. Elber. Akush. i gin. 32 no. 4: 48-51 Jl-Ag '56.
Effect of tactile-pain stimulation on the course of pregnancy and vitality of the fetus. F. M. Khaletskaia, N. A. Tripol'skaia. Biul. eksp. biol. i med. 42 no. 9:28-32 S '56.
Histochemical examination of the glycogen content of the human placenta at various stages of pregnancy. S. S. Kasab'ian. Akush. i gin. 32 no. 4:17-20 Jl-Ag '56.

PREGNANCY, COMPLICATIONS OF
Clinical features of the course of pregnancy and labor in hypotensive women. L. E. Vaisman. Akush. i gin. 32 no. 4:41-47 Jl-Ag '56.
Impairment of the hearing apparatus in pregnancy toxicosis. K. S. Dudarev. Vest. oto-rin. 18 no. 5:98-99 S-O '56.
Lazarevich, A. I. [Pregnancy with tuberculosis] Beremennost' pri tuberkuleze. Moskva, Medgiz, 1956. 94 p. (DAFM)
Pregnancy and diaphragmatic hernia. E. L. Korchagina. Akush. i gin. 32 no. 4:84-85 Jl-Ag '56.
Pregnancy and labor in women with hypertension. E. A. Azletskaia-Romanovskaia. Vop. okh. mat. i det. 1 no. 5:68-73 S-O '56.
Volvulus and incarceration of the stomach caused by congenital diaphragmatic hernia during pregnancy. M. A. Aleksandrova. Akush. i gin. 32 no. 4:82-83 Jl-Ag '56.

PREGNANCY, EXTRAUTERINE
Cervical pregnancy; conservative management. M. A. Gerasimova. Akush. i gin. 32 no. 4:86-87 Jl-Ag '56.

PREGNANDIOL
Dynamics of pregnandiol level variations in normal and pathologic pregnancy and during various phases of the menstrual cycle. N. S. Elber. Akush. i gin. 32 no. 4: 48-51 Jl-Ag '56.

PREHISTORIC MAN see subdivision 'Man, Prehistoric' under Kanev District

PRESCHOOL EDUCATION see Education, Preschool

PRESCRIPTION WRITING
(see also subdivision under Uzbekistan)
Lerman, I. A. [Handbook on general prescription writing] Rukovodstvo po obshchei retsepture. Moskva, Medgiz, 1956. 114 p. (DAFM)

PRESERVING see Canning and preserving

PRESS
(see also subdivision under Australia)
Brief news. Sov. pech. no. 10:62-63 O '56.

PRESS—BIBLIOGRAPHY see Bibliography—Press

PRESSURE (PHYSICS)
Effect of high pressure on the recrystallization of copper. V. I. Arkharov, D. K. Bulychev. Fiz. met. i metalloved. 3 no. 1:76-78 '56.
Effect of high pressure on the thermal properties of solids. K. P. Rodionov. Fiz. met. i metalloved. 3 no. 1:26-30 '56.
Effect of hydrostatic pressure on carbon steel hardness. V. A. Gladkovskii. Fiz. met. i metalloved. 3 no. 1: 103-104 '56.

PRESSURE, ATMOSPHERIC see Atmospheric pressure

PRESSURE REGULATORS

PRESTRESSED CONCRETE—TESTING (Continued)
Some problems in calculating rigidity and crack resistance of prestressed reinforced bend elements. F. E. Gorman. Beton i zhel.-bet. no. 10:358-363 O '56.
Stability and strength of elastic reinforced concrete elements in the prestressing process. V. A. Slovinskii. Beton i zhel.-bet. no. 10:353-358 O '56.

PRESTRESSED CONCRETE CONSTRUCTION see subdivision under Sverdlovsk

PREVENTIVE MEDICINE see Medicine, Preventive

PRICES
(see also subdivision under Rumania)
Accounting for finished and unfinished goods based on uniform nomenclature (price list) numbers. P. Golovashov. Bukhgalter 15 no. 9:14-16 S '56.
Price levels at collective farm markets in cities. L. Mizel'. Sov. torg. no. 9:11-17 S '55.

PRIMITIVE ART see subdivision 'Art, Primitive' under Kilnets

PRIMORSK—OLD AGE HOMES
Quiet old age. Leonid Semin. Viktor Sheiko. Rabotnitsa 34 no. 11:25 N '56.

PRIMROSES see subdivision under Pamirs

PRINTED CIRCUITS
(see also subdivision under Great Britian)
Printed circuits. Zoltan Horvát. Tekh. mol. 24 no. 10: 5-6 O '56.
[Symposium on microwave strip circuits. Translated from the English] Pechatnye skhemy santimetrovogo diapazona; sbornik statei. [Perevod] Pod red. V.I. Sushkevicha. Moskva, Izd-vo inostrannoi lit-ry, 1956. 400 p.

PRINTING—SPECIMENS
Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aerosʺemki i kartografii. [Book of cartographic type] Al'bom kartograficheskikh shriftov. Moskva, Izd-vo geodezicheskoi i kartograficheskoi lit-ry, 1956. 192 p. (Trudy, no. 109)

PRINTING, OFFSET see Offset printing

PRINTING INDUSTRY see subdivision under Minsk; Moscow

PRINTING INK
Determining the intensity of black printing inks. P. A. Popriadukhin. Nauch. trudy MPI no. 3:71-76 '55.
Methods of calculating power requirements for inking devices. M. G. Morozov, M. I. Voskresenskii. Nauch. trudy MPI no. 3:55-69 '55.

PRINTING MACHINERY AND SUPPLIES
Methods of calculating power requirements for inking devices. M. G. Morozov, M. I. Voskresenskii. Nauch. trudy MPI no. 3:55-69 '55.
Principles for calculating the productivity and efficiency of printing machinery. B. M. Mordovin. Nauch. trudy MPI no. 3:5-24 '55.

PRIPET VALLEY—COLLECTIVE FARMS
Utilization of collective farm lands in Ukrainian Polesye of the Pripet Valley. F. O. Shiehyr'ov. Visnyk AN URSR 27 no. 9:12-20 S '56.

PRISONS
Geroet, M.N. [History of the czarist prison] Istoriia tsarskof thurʹmy. Moskva, Gos. izd-vo jurid. lit-ry, Vol. 5. [The Schlusselburg and the Orel Central prisons for hard labor, 1907-1917] Shlisselʹburgskaia katorzhnaia thurʹma i Orlovskii katorzhnyi tsentral, 1907-1917. 1956. 339 p.

PRIVATE LIBRARIES see Libraries, Private

PROBABILITIES
A theorem of A. N. Kolmogorov. I. I. Gikhman. Nauk. zap. Kiev. un. 12 no. 6:75-94 '53.
Theory of probabilities in practice. IU. Linnik. Nauka i zhizn' 23 no. 10:11-13 O '56.

PROBLEM OF THREE BODIES
Application of a new method for developing the perturbation function for mean value variants of the problem of three bodies. N. Elenevskaia. Dop. ta pov. L'viv. un. no. 3, pt. 2:46-47 '52.

PRODUCE TRADE
Unjustified price difference. A. Frolov. Fin. SSSR 17 no. 10:64-65 O '56.

PRODUCER GAS see Gas manufacture and works; Water gas

PRODUCTION see Industry

PRODUCTION CONTROL
Quantitative evaluation of heterogeneous properties of products by means of small samplings. L. P. Vladimirov. Zav. lab. 22 no. 8:955-958 Ag '56.

PRODUCTION STANDARDS
In ministries and departments. Sots. trud. no. 10:93-97 O '56.

PRODUCTIVITY OF LABOR see Labor productivity

PROFESSORS see Teachers

PROJECTION
Graphic representation of coal mining operations and drawing instruments for affine transformation. S. V. Orlovskii, L. S. Sulidi. [Trudy] VNIMI no. 30:135-145 '56.

PROJECTION, LANTERN see Lantern projection

PROPELLERS
Determining the moment of inertia of forces acting upon screw blades. B. I. Mitel'man, G. D. Rozenberg. Trudy VNITOSS 6 no. 1:90-107 '53.

PROPENE
Mechanical destruction of polyisobutylene in a mineral-oil solution. N. I. Kaverina. Zhur. prikl. khim. 29 no. 9:1450-1452 S '56.

PROPERTY see subdivision under Europe, Eastern

PROPERTY, LITERARY see Copyright

PROPIOLIC ALDEHYDE
Research in the field of conjugate systems. Part 67. Condensation of propargylic aldehyde with 2-halo- and 2-alkoxybutadienes. A. A. Petrov, N. P. Sopov. Zhur. ob. khim. 26 no. 9:2452-2457 S '56.

PROPIONAMIDE
Synthesis of substituted derivatives of benzylamines and of N-benzyl- B - chloropropionamides. N. K. Kochetkov, N. V. Dudykina. Zhur. ob. khim. 26 no. 9:2612-2617 S '56.

PROPORTION (ARCHITECTURE) see Architecture—Composition, proportion, etc.

PROSECUTORS, PUBLIC see Public prosecutors

PROSPECTING
(see also subdivision under Ural Mountains)
Determining the degree and thickness of karst formation in geological prospecting operations. S. P. Prokhorov, G. G. Skvortsov. Razved. i okh. nedr 22 no. 7:55-59 Jl '56.
Geobotanical evidence of bituminosity. E. A. Vostokova and others. Trudy VAGT no. 1:99-117 '55.
Geobotanical investigations in connection with ore prospecting. N. G. Nesvetailova. Trudy VAGT no. 1: 118-134 '55.
Geological bases of ore prospecting. V. I. Smirnov. Zap. Vses. min. ob-va 85 no. 3:448-450 '56.
Increasing the rate of exploratory mining. A. O. Vercheba. Trudy MGRI. 30:18-27 '56.
Short outline history of the development and present state of geobotanical methods in geology. S. V. Viktorov. Trudy VAGT no. 1:5-10 '55.

PROSPECTING—GEOPHYSICAL METHODS
(see also subdivision under Carpathian Mountain region)
Application of electrical methods to prospecting for fresh waters in semiarid regions. O. A. Demidovich. Razved. i okh. nedr 22 no. 9:34-43 S '56.
Conference of geophysicists of the Ministry of Geology and Conservation of Mineral Resources of the U. S. S. R. V. S. Krasulin. Razved. i okh. nedr 22 no. 7:62-64 Jl '56.
"Delays" of instruments in deflected boreholes. P. D. Zhavoronkov. Razved. i okh. nedr 22 no. 9:52-53 S '56.
The development of methods for geophysics as applied to prospecting. E. V. Karus. Vest. AN SSSR 26 no. 9:14-20 S '56.
The ESK-1 electrical prospecting automatic compensator with direct reading. K. B. Karandeev and others. Razved. i okh. nedr 22 no. 7:39-40 Jl '56.
Geomorphological methods of prospecting for mineral deposits. I. I. Kozhevnikov, IU. A. Meshcheriakov. Priroda 45 no. 11:35-37 N '56.
New electrical prospecting apparatus for work based on the intensity method. A. S. Bazhenov, V. V. Zhuravlev. Razved. i okh. nedr 22 no. 7:49-54 Jl '56.
Review of collected articles on "Geophysical prospecting methods." Reviewed by A. G. Tarkhov. Razved. i okh. nedr 22 no. 9:60-63 S '56.
Some problems involved in methods used for oil pool prospecting. N. K. Griaznov. Razved. i okh. nedr 22 no. 7:25-32 Jl '56.
Sorokin, L.V., and others. [A course on geophysical methods of prospecting for oil fields] Kurs geofizicheskikh metodov razvedki neftianykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1950. 473 p.
Theoretical principles of ore gravimetry. V. A. Kazinskii. Dokl. AN SSSR 109 no. 6:1126-1128 Ag '56.
Utilize geophysical methods to a greater degree. Razved. i okh. nedr 22 no. 8:1-4 Ag '56.

PROSPECTING—PRODUCTION STANDARDS
Uniform norms at enterprises of a trust. S. Ulezko. Sots. trud. no. 10:92-93 O '56.

PROSTHESIS
Nothing but talk so far. A. Miftakhov. Sov. voin. no. 9:41-42 S '56.

PROSTIGMINE
Experimental therapy of pronorine bronchospasm. E. Usponskaia. Biul. eksp. biol. i med. 42 no. 8:47-51 Ag '56.

PROTECTION OF CHILDREN see Child welfare

PROTECTION OF GAME see Game protection

PROTECTIVE ATMOSPHERES
Decision of the conference on welding in protective gases. N. IA. Kochanovskii, K. V. Lakiiakii, A. E. Korchemkin. Svar. proizv. no. 8:47-48 S '56.

PROTECTIVE COATINGS
Bitumen and rubber insulation of pipelines. V. I. Zhukov, A. A. Kozlovskaia. Trudy VNIIstroineft no. 8:18-33 '56.
Effect of a superimposed continuous current on the bituminous coating of steel pipelines. P. A. Krasnov and others. Trudy VNIIstroineft no. 8:83-93 '56.
Electrometric method of determining the protective capacity of bituminous insulation coatings. V. I. Zhukov, A. A. Kozlovskaia. Trudy VNIIstroineft no. 8: 34-51 '56.
Improving of bituminous insulation coatings. V. I. Zhukov, A. A. Kozlovskaia. Trudy VNIIstroineft no. 8:5-17 '56.
Protective and decorative oxidation of aluminum alloys. S. IA. Grillikhes. Leg. prom. 16 no. 9:40-43 S '55.
Protective refractory coatings from Aktash clay and rocks. M. A. Strunevich, I. G. Benkovskaia. Trudy Inst. energ. AN Uz.SSR no. 4:83-90 '56.

PROTEIN METABOLISM
Effect of Pavlov's accelerator nerve on myocardial proteins. M. F. Bondarenko, M. E. Rainkina. Biul. eksp. biol. i med. 43 no. 6:39-42 Je '56.
Effect of X-ray irradiation on the rate of protein synthesis in spontaneous and transplanted tumors in mice [with summary in English]. S. N. Alekseeva. Vop. onk. 2 no. 4:417-423 '56.
Rate of radioactive methionine incorporation into blood and liver proteins, as affected by convalescence. V. I. Rozengart, M. N. Maslova. Dokl. AN SSSR 109 no. 6:1176-1179 Ag '56.

PROTEINS
Action of X-radiation of radioactive cobalt on some proteins and amino acids. M. A. Kheisinkh, A. M. Braskaia. Dokl. AN SSSR 110 no. 1:125-128 '56.
Daily excretion of protein and nucleic acids in the intestinal juice in case of balanced and protein-deficient nutrition. Z. M. Gadzhieva. Biul. eksp. biol. i med. 42 no. 9:22-24 S '56.
Denaturation of globular proteins. A. S. Tiunikova. Biup. khim. 25 no. 9:1173-1193 S '56.
Effect of vegetable protein concentrates on the wool productivity of sheep. T. V. Gorb. Sborn. Prikl. Stavr. vet. inst. 20:77-82 '49.
Electrophoresis of proteins of spinal nerves and nerve roots. N. M. Poliakova. Dokl. AN SSSR 109 no. 6: 1174-1175 Ag '56.
Fungicidal properties of chicken egg protein at early stages of embryonic development. G. P. Kornilova. Biul. eksp. biol. i med. 42 no. 9:60-63 S '56.
Protective action of some substances in the irradiation of protein solutions [with English summary in insert] T. E. Pavlovskaia, A. G. Pasynskii. Kol. khim. 18 no. 5:583-588 S-O '56.
Using stable standard turbidity for determining the content of proteins and their fractions in blood serum and the content of proteins in urine. IU. A. Kechan. Lab. delo 2 no. 5:15-17 S-O '56.

PROTESTANT CHURCHES—RELATIONS—ORTHODOX EASTERN CHURCH
Address to the assembly of the National Council of the Churches of Christ in the U. S. A. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 8:41-42 Ag '56.
Communique. Zhur. Mosk. Patr. no. 8:42-43 Ag '56.
Letters from the National Council of the Churches of Christ in the U. S. A. Zhur. Mosk. Patr. no. 8:3-5 Ag '56.
Noteworthy and historical days. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 8:22-38 Ag '56.
Statement by Nikolai, Metropolitan of Krutitsk and Kolomna, prior to the initiation of discussion with the representatives of the National Council of the Churches of Christ in the United States of America. Zhur. Mosk. Patr. no. 8:38-39 Ag '56.
Statement on arriving in the U. S. A. Metropolitan Nikolai. Zhur. Mosk. Patr. no. 8:38 Ag '56.

PROTHROMBIN
Prothrombin and fibrinogen levels in myocardial infract and stenocardia. V. E. Fradkina. Terap. arkh. 28 no. 6:32-39 '56.

PROTONS
On antiprotons. E. Segrè. Vest. AN SSSR 26 no. 10: 26-27 O '56.
Proton source with the thermal dissociation of hydrogen molecules. M. D. Habovych, Z. P. Fedorna. Ukr. fiz. zhur. 1 no. 2:158-160 Ap-Je '56.
Selection rules for antiproton annihilation into $\pi$-mesons. L. M. Afrikian. Zhur. eksp. i teor. fiz. 31 no. 1:136-137 Jl '56.

PROVERBS
The experience of a generation ("Georgian-Russian proverbs," Book review). Druzh. nar. no. 10:183-184 O '56.
Popular wisdom on education. B. Aleksandrov. Sem'ia i shkola 11 no. 11:3-4 N '56.
Sobolev, A. I., comp. [Proverbs and sayings] Narodnye poslovitsy i pogovorki. [Moskva] Moskovskii rabochii, 1956. 153 p.

PROVERBS, GEORGIAN
The experience of a generation ("Georgian-Russian proverbs," Book review). Druzh. nar. no. 10:183-184 O '56.

PROXIMATE CAUSE (LAW)
Causal connection in the theory of law. M. D. Shargorodskii. Sov. gos. i pravo no. 7:38-51 '56.

PRUSSIAN BLUE
Isotopic exchange of iron atoms in prussian blue. I. A. Korshunov, Z. M. Lebedeva. Zhur. neorg. khim. 1 no. 8:1912-1914 Ag '56.

PRZHETSLAVSKAIA, ELENA IVANOVNA
From heart to heart. L. Rubinshtein. Sots. obesp. 17 no. 9:37-38 S '56.

PSEUDOMONAS AERUGINOSA
Chemotherapeutic effect of polymyxin in experimental infections [with summary in French, p. 62]. L. K. Rubtsova. Antibiotiki 1 no. 4:13-18 Jl-Ag '56.

PSEUDORABIES
Data on swine as carriers of the virus of Aujesky's disease. M. G. Nikitin. Sbor. trud. Khar'. vet. inst. 20: 101-117 '40.

PSKEM VALLEY—PHYSICAL GEOGRAPHY
Geomorphological features of the Pskem River Basin in northwestern Tien Shan. G. Z. Popova. Vop. geog. Kazakh. no. 1:3-67 '56.

PSKOV—RUSSIAN LANGUAGE—OLD RUSSIAN
Local vocabulary in Pskov business Russian of the 14th and 15th centuries. O. S. Mzhel'skaia. Uch. zap. Len. un. no. 198:183-190 '56.

PSKOV PROVINCE—LIBRARIES AND READERS
For active use of the book collection in a province library. V. Vylgina. Bibliotekar' no. 10:26-27 O '56.

PSKOV PROVINCE—NAMES, GEOGRAPHICAL
Word formation in the toponymics of Pskov Province. A. I. Lebedeva. Uch. zap. Len. un. no. 198:10-50 '56.

PSORELEA
Effect of the pasture plant Psorelea drupacea on the sexual functions of the female. V. G. Shimanov. Kar i zver. 9 no. 5:17-20 S-O '56.

PSYCHIATRY
[Abstracts of Soviet medical literature: Neuropathology and psychiatry.] Sovetskoe meditsinskoe referativnoe obozrenie: Nevropatologiia i psikhiatriia no. 15 '56. 96 p.
[Problems in clinical neuropathology and psychiatry] Voprosy klinicheskoi nevropatologii i psikhiatrii. Pod red. I. P. Alekseenko. Kiev, Gos. med. izd-vo USSR, 1956. 244 p.
(DAFM)
"Psychiatry," V. A. Gilliarovskii. Reviewed by P. M. Zinov'ev, A. K. Mikhailov, A. A. Khachaturian. Klin. med. 34 no. 9:93-95 S '56.

PSYCHOLOGY—PERIODICALS
Critical comments on the journal "Voprosy psikhologii." M. V. Sergievskii, L. N. Kudochkin. Zhur. vys. nerv. deiat. 6 no. 4:634-644 Jl-Ag '56.

PSYCHOLOGY, PATHOLOGICAL
Capillaroscopic observations in certain mental diseases. L. O. Bulakhova. Fiziol. zhur. [Ukr.] 1 no. 5:97-103 '55.
Therapy of mental diseases in the mountains and in standard sanatoria. V. P. Protopopov. Fiziol. zhur. [Ukr.] 1 no. 5:112-128 S-O '55.

PSYCHOLOGY, PHYSIOLOGICAL
Characteristics of psychical factors in hypertension according to the Pavlovian theory on types of higher nervous function. B. V. TSuker. Fiziol. zhur. [Ukr.] 1 no. 5:67-73 S-O '55.
Higher nervous function in animals under normal and pathological conditions based on an investigation with four methods. S. D. Rasin. Fiziol. zhur. [Ukr.] 1 no. 5:12-20 S-O '55.

PSYCHOSES
Cases of infectious psychoses. IU. P. Tolstov. Vest. oto-rin. 18 no. 5:102-103 S-O '56.
Investigation of 17-ketosteroids in urine in schizophrenia and in other psychoses. S. P. Zelinskii. Zhur. nevr. i psikh. 56 no. 8:622-630 '56.
Remote episodic psychoses following cerebral infections and trauma in children. G. E. Sukhareva. Zhur. nevr. i psikh. 56 no. 9:685-690 '56.
Some data on metabolism in presentile psychoses. T. N. Nedbailova. Fiziol. zhur. [Ukr.] 1 no. 5:88-96 S-O '55.

PSZEBYTYNSKI, MARIAN
A Polish miner, Marian Pszebytynski. I. Trofimova. Mast. ugl. 5 no. 8:22-24 Ag '56.

PUBLIC BUILDINGS
(see also subdivision under Moscow; Peiping; Rumania)
Sherentsis, A. A. [Unification of construction plans for apartment houses and public buildings in large scale building operations] Unifikatsiia konstruktivnykh skhem zhilykh i obshchestvennykh zdanii massovogo stroitel'stva; nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 61 p.

PUBLIC HEALTH
(see also subdivision under Borisov; Egypt; Kharkov)
Brief news and information. Gig. i san. 21 no. 8:62-63 Ag '56.
Brief news and information. Gig. i san. 21 no. 10:64 O '56.
Efimov, N. M. [The struggle for healthy living] Bor'ba za zdorovyi byt. [Moskva] Moskovskii rabochii, 1956. 93 p.
(DS)
For a further development of hygiene and prophylaxis. V. Zhdanov. Sov. kras krest 3 no. 5:4-5 S-O '56.
Housewives form a public health team. V. Smirnova. Sov. kras. krest 6 no. 5:9-10 S-O '56.
Maistrakh, K. V. [Organization of public health services] Organizatsiia zdravookhraneniia. Izd. 4-e, Moskva, Medgiz, 1956. 266 p.
(DAFM)
"Together with the people," I. S. Sokolov. Reviewed by B. Petrov. Sov. kras. krest 6 no. 5:31 S-O '56.

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH, RURAL
(see also subdivision under Novogorodka)
The work of an otolaryngologist in districts of virgin soil and fallow land reclamation. E. I. IAroslavskii. Vest. oto-rin. 18 no. 5:28-33 S-O '56.

PUBLIC PROSECUTORS
(see also subdivision under Hungary)
Shifman, M. L. [Public prosecutors in criminal courts] Prokuror v ugolovnom sude. Moskva, Iurid. izd-vo, 1946. 207 p.
"Supervisory function of the public prosecutor's office in the Soviet state administration." S. G. Berezovskaia. Reviewed by I. N. Pakhomov. Sov. gos. i pravo no. 8: 135-137 '56.

PUBLIC SCHOOLS—SANITARY AFFAIRS see School hygiene

PUBLIC WARFARE see subdivision under Egypt

PUBLISHERS AND PUBLISHING
(see also subdivision under Berlin; Peiping)
Dreams and real life. I. Kamenkovich. Sov. knizh. torg. no. 8:22 Ag '56.
Some results of interrepublic conferences. S. Tikov. Sov. knizh. torg. no. 8:1-2 Ag '56.

PUERPERIUM
Postpartum pancreatic secretion in dogs. L. N. Staryts'ka. Fiziol. zhur. [Ukr.] 1 no. 4:97-102 Jl-Ag '55.

PUGACHEV REBELLION see subdivision under Penza Province

PULKOVO—ASTROMETRY—CONGRESSES
International conference on astrometry. A. Nemiro. Nauka i zhizn' 23 no. 11:38 N '56.

PULLEYS
The form of the generating line of pulleys in stepless V-belt transmissions. B. N. Ivanov. Nauch. trudy NPI 30:103-108 '55.

PULMONARY ARTERY—DISEASES
Thromboembolic complications in the pulmonary artery in myocardial infarct. G. A. Raevskaia. Sov. med. 20 no. 9:16-22 S '56.
Thromboembolism of the heart and of the pulmonary following surgery of the spinal cord. I. N. Vinogradova, T. M. Vikhert, E. I. Kandel'. Vop. neirokhir. 20 no. 4:26-34 Jl-Ag '56.

PULMONARY EDEMA
Role of the nervous system in the pathogenesis of acute toxic pulmonary edema. S. M. Leites, N. P. Smirnov. Biul. eksp. biol. i med. 42 no. 8:16-18 Ag '56.

PULSE TECHNIQUES (ELECTRONICS)
Method for time-pulse transformation [with English summary in insert]. I. A. Zakhariia, V. N. Mikhailovskii. Avtom. i telem. 17 no. 9:836-846 S '56.
Using a pulse-width modulation element for investigating pulse control systems on electronic models. M. A. Shnaidman. Avtom. i telem. 17 no. 10:910-920 O '56.

PULVERIZERS
Operation of balanced dampers in pulverized coal systems. V. I. Gal'tsev. Energetik 4 no. 10:15-16 O '56.
Regularity of the process of air classification of solid materials in classifiers. P. G. Romankov, P. A. IAblonskii. Khim. prom. no. 5:288-295 Jl-Ag '56.

PUMPING MACHINERY
Boring and pumping unit designed by V. Vidanov. L. Kashekov, S. IAkushenkov. Tekhsov. MTS 17 no. 17:4-8 S '56.
Experience with using concrete pumps in building the Gorkiy water power development. IU. S. Lukenberg. Mekh. stroi. 13 no. 9:9-13 S '56.
New design for the union of a plunger with the coupling rod of piston pumps. L. G. Alekseev. Neftianik 1 no. 8 22 Ag '56.
Simple pump for circulation of liquids. G. F. Kulukov. Zav. lab. 22 no. 8:998 Ag '56.
Use of steam piston pumps for automatic feed regulation and continuous blowdown of small boilers. F. P. IAnutsevich. Energetik 4 no. 10:16-17 O '56.

PUMPING STATIONS
Remote control of a pumping station. I. A. Shkvirin. Prom. energ. 11 no. 10:10-11 O '56.

PUMPS, CENTRIFUGAL see Centrifugal pumps

PUNCHED CARD SYSTEMS
The work of billing machines in combination with perforators. E. Uspenskii. Bukhg. uchet 15 no. 9: 35-38 S '56.

PUNCHING MACHINERY see subdivision under Kharkov

PUNCTURES (MEDICINE)
Methods of removing exudate from the intra- and extrapleural cavity. V. S. Bazhenov. Probl. tub. 34 no. 3: 68 My-Je '56.

PUNJAB—PEASANTRY
Forms of the feudal exploitation of the peasantry in colonial Punjab. V. G. Rastiannikov. Krat. soob. Inst. vost. no. 21:28-38 '56.

PUPIL (EYE)
Orientation pupillomotor reactions to a "novelty" of light stimulus. A. R. Shakhnovich. Fiziol. zhur. 42 no. 8:632-638 Ag '56.

PUPPETS AND PUPPET PLAYS see subdivision under Lvov; Tallinn

PURGASOV, ANDREI, 1922-
He was a Moscow schoolboy. V. Korzhikov. Smena 33 no. 18:16-16b S '56.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837
Brasol, B. L. [Difference of accentuation in Pushkin and in the Russian language] Raznoudarnaemost' u Pushkina i v russkoi rechi; filologicheskaia spravka. N'iu-Iork, Izd. Ob-va im. A. S. Pushkina v Amerike, 1955. 19 p.
(MH)
Chernyshevskii, N. G. [Aleksandr Sergeevich Pushkin; his life and works] Aleksandr Sergeevich Pushkin; ego zhizn' i sochineniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 45 p.
Documents about A. S. Pushkin. V. V. Danilov. Biul. Ruk. otd. Push. domu no. 6:27-96 '56.
Gordin, A. [The Pushkin preserve] Pushkinskii zapovednik. Moskva, Gos. izd-vo "Iskusstvo," 1956. 236 p., illus.
Pushkin's autographs. B. Tomashevskii. Neva no. 9: 202 S '56.
"Pushkin's craftsmanship." D. Blagoi. Reviewed by U. Fokht. Oktiabr' 33 no. 10:183-185 O '56.
An unknown letter of Pushkin. E. Naidich. Ogonek 34 no. 43:17 O '56.

PUSHKINO DISTRICT—INSURANCE, SOCIAL
Not a single day lost. P. Semidetova. Sots. obesp. 17 no. 10:20-22 O '56.

PYATIGORSK—KNIT GOODS INDUSTRY
Reduce time spent on each operation. N. Dolzhenko. Prom. koop. no. 10:37 O '56.

PYATIGORSK—TECHNICAL EDUCATION
School technical club. I. IAzykov, S. Komarovskii. Fiz. v shkole 16 no. 5:96 S-O '56.

PYRAMIDONE
Exact method of quantitative determination of pyramidone. N. P. IAvorskii, IU. F. Romaniuk. Apt. delo 5 no. 5:27-30 S-O '56.

PYRAMIDS see subdivision under Egypt

PYRIDINE

Catalytic demethylation of 2-picoline to pyridine under the action of water vapor. A. A. Balandin, L. I. Sovalova, T. A. Slavskaiova. Dokl. AN SSSR 110 no. 1:79-82 S-O '56.

PYRIDINE—SPECTRA

Absorption spectra of some organic compounds adsorbed by potassium chloride. O. V. Fialkovskaia. Opt. i spektr. 1 no. 4:525-527 Ag '56.

Infrared spectrum of pyridine adsorbed on deuterized macroporous glass. V. A. Nikitin. Opt. i spektr. 1 no. 4:533-534 Ag '56.

PYROGRAPHY

Durable passports for plants. A. Derin. IUn. nat. no. 7:40 O '56.

PYROLYSES

Increasing heating capacity of gas in automotive gas producers by pyrolysis of liquid hydrocarbons. Z. I. Leikom. Gaz. prom. no. 11:10-16 N '56.

Production of acetylene by oxidizing pyrolysis of methane. B. S. Grinenko. Khim. i tekh. topl. no. 10:18-25 O '56.

PYROMETERS

Calibrating optical pyrometers at high temperatures. V. E. Finkelshtein. Izm. tekh. no. 4:31-34 Jl-Ag '56.

Four systems for measuring the internal resistance of pyrometric millivoltmeters. V. I. Gorelov. Izm. tekh. no. 4:77-78 Jl-Ag '56.

PYROMETRY

Measurement of temperatures at high pressures as a function of radiation and some optical phenomena in gases under these conditions. IA. A. Kalashnikov, L. F. Vereshchagin. Zhur. tekh. fiz. 26 no. 8:1802-1814 Ag '56.

Optical methods of measuring flame temperatures. N. N. Sobolev. Trudy Fiz. inst. 7:159-229 '56.

PYROXENES see subdivision under Il'menskiye Hills

Q FEVER see subdivision under Kazakhstan

QUACK GRASS see subdivision under Rengen-Tau

QUADRICS

Quadricity of continuous surfaces given in polar coordinates. A. N. Kostovskii. Dop. ta pov. L'viv. un. no. 4, pt. 2:58 '53.

QUAKERS see Friends, Society of

QUANTITATIVE ANALYSIS see Chemistry, Analytical—Quantitative

QUANTUM STATISTICS

Theory of classical systems of interacting particles obeying a noncentral interaction law. Part 1 [with English summary in insert]. A. E. Glauberman. Zhur. eksp. i teor. fiz. 31 no. 2:218-223 Ag '56.

QUANTUM THEORY

Effect of the anisotropy of the solvent on the absorption spectrum and emission of the admixture. A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 2:120-133 Ap-Je '56.

A general solution of renormalization group equations. L. V. Ovsiannikov. Dokl. AN SSSR 109 no. 6:1112-1114 Ag '56.

Generalized phase analysis as a corollary of the unitary property of the S-matrix [with English summary in insert]. IU. A. Gol'fand. Zhur. eksp. i teor. fiz. 31 no. 2:224-231 Ag '56.

Method of impact parameters. M. L. Ter-Mikaelian. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 5:77-90 '56.

Note on Pauli's theorem on the relation between spin and statistics. V. L. Pokrovskii, IU. B. Rumer. Zhur. eksp. i teor. fiz. 31 no. 2:337-338 Ag '56.

Theory of groups and complete selection of physical magnitudes in quantum mechanics. A. V. Sokolov, V. P. Shirokovskii. Fiz. met. i metalloved. 3 no. 1:22-25 '56.

QUARRIES AND QUARRYING

Experience with using over-all mechanization and conveyer systems in quarries. V. A. Cherkashin. Mekh. stroi. 13 no. 9:36-38 S '56.

QUARTZ

Prianishnikov, V. P. [Quartz glass] Kvartsevoe steklo. Pod red. A. S. Nikolaeva. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 79 p.

QUARTZ CRYSTALS

Molecular light scattering and $\alpha \rightleftarrows \beta$ conversion of quartz. L. A. Likhovtsev, L. F. Mikheeva, T. S. Velichkina. Kristallografiia 1 no. 1:123-131 '56.

Simple method for the observation of phase transition in quartz single crystals. V. G. Zubov. Kristallografiia 1 no. 2:243-245 '56.

Basic laws of growth of artificial quartz crystals. V. P. Butuzov, N. M. Ivannikova. Zap. Vses. min. ob-va 85 no. 3:325-331 '56.

QUINACRINE

Using heterochromia in virus influenza. B. T. Komissarenko. Voen.-med. zhur. no. 7:90 Jl '56.

QUINCE

Changes in quince during storage. V. A. Men'shikova. Ref. nauch. rab. VNIIKOP no. 3:97-98 '55.

QUINOLINE

Preparation of 2-nitromethylquinoline and of its derivatives. L. Zalukaev, E. Vanags. Zhur. ob. khim. 26 no. 9:2639-2642 S '56.

Study of the interaction of normal sodium tungstate and 8-oxyquinoline hydrochloride in an aqueous solution by conductometric titration. V. F. Degtiarev, E. P. Darienko. Zhur. neorg. khim. 1 no. 8:1799-1803 Ag '56.

RABBITS

Advice to young rabbit breeders. A. Baranova. IUn. nat. no. 7:26-27 O '56.

Extracardiac nervous system in rabbits. B. M. Erez. Dokl. AN Tadzh. SSR no. 17:65-75 '56.

The inheritance of acquired characteristics based on data from experimental work on changes in the heredity of characteristics of rabbit fur. E. N. Pavlovskii. Trudy AN Tadzh. SSR 31:41-58 '55.

RABIES

Rapid laboratory diagnosis of rabies. L. M. Trubina. Lab. delo 2 no. 5:21-23 S-O '56.

RACE DISCRIMINATION see subdivision under South Africa, Union of

RACE QUESTION see subdivision under United States

RACEMIZATION

Mechanism of the heterogeneous catalytic isomerization of hydrocarbons on acidic catalysts. Part 3. Mechanism of the racemization of camphene on titanic acid. G. A. Rudakov, M. M. Shostaeva. Zhur. ob. khim. 26 no. 9:2426-2433 S '56.

RACING see subdivision 'Horse racing' under Frunze; Moscow

RADAEV, NIKOLAI STEPANOVICH

The duty of a communist. Sov. mor. 16 no. 9:8 My '56.

RADAR

Electronics of today and tomorrow. I. S. Dzhigit. Nauka i zhizn' 23 no. 11:29-32 N '56.

[Problems of radar engineering; translations and surveys of foreign periodical literature] Voprosy radiolokatsionnoi tekhniki 6 no. 5 '56. 200 p.

RADAR IN AERONAUTICS

Determining the wind direction and speed by means of radar. S. Mamushkin. Grazhd. av. 13 no. 9:8 S '56.

Landing an airplane on an airport and piercing the cloud cover with the help of radar. A. Teplitskii. Grazhd. av. 13 no. 9:6-7 S '56.

Special problems in the location and detection of naval targets by means of a radar sight. S. A. Gumenok. Vest. Vozd. Fl. 39 no. 6:26-30 Je '56.

RADAR IN NAVIGATION

Developing electric and radio navigation techniques in inland water transportation during the sixth five-year plan. V. P. Konstantinov. Rech. transp. 15 no. 8:12-16 Ag '56.

RADCHENKO, P. D.

Commanding officer of an aircraft technological battalion. V. D. Sokolov. Vest. Vozd. Fl. 38 no. 5:53-57 My '56.

RADIATION—MEASUREMENT

Using $CaSO_4$ • Mn for dosimetric purposes. B. M. Nosenko, L. S. Revzin, V. IA. Iaskolko. Zhur. tekh. fiz. 26 no. 9 2046-2048 S '56.

RADIATION—PHYSIOLOGICAL EFFECT

Conservation of nature and some problems of "radiation ecology." A. M. Kuzin, A. A. Peredel'skii. Okhr. prir. i zapov. dela v SSSR no. 1:65-78 '56.

Tumors of bone tissue induced by radioactive substances. N. N. Litvinov. Biul. eksp. biol. i med. 42 no. 8:62-65 Ag '56.

RADIATION, SOLAR see Solar radiation

RADIATION SICKNESS

Course of experimental pneumonia following damage by radiation. G. A. Krivkov. Voen.-med. zhur. no. 7: 41-45 Jl '56.

Easy method for a general hematological examination of persons affected by penetrating radiation. V. F. Laine. Voen.-med. zhur. no. 7:33-34 Jl '56.

Free skin grafting in radiation sickness [with summary in English, p. 160]. V. I. Petrov. Vest. khir. 77 no. 9: 85-90 S '56.

General pathologic characteristics of radiation sickness. N. A. Kurshakov. Sov. med. 20 no. 9:30-37 S '56.

Kurshakov, N. A. [Acute radiation sickness] Ostraia luchevaia bolezn'. Moskva, Medgiz, 1956. 14 p. (DAFM)

RADIO

(see also subdivision under Latvia; Molotov Province; Moscow Province)

From the pages of foreign journals. Radio no. 9:60-61 S '56.

Kubarkin, L. V., and E. A. Levitin. [Radio engineer made interesting] Zanimatel'naia radiotekhnika. Moskva, Gos. energ. izd-vo, 1956. 263 p. (Massovaia radiobiblioteka, no. 349)

Radio communication in motorcycle [illegible] G. Grigor'ev. Radio no. 9:12 S '56.

Technical advice. Radio no. 10:61-63 O '56.

Technical information. Radio no. 9:62 S '56.

RADIO—ANTENNAE

Experience with putting up frontal masts. A. A. V[illegible] din. Vest. sviaz' 16 no. 9:7-9 S '56.

RADIO—APPARATUS AND SUPPLIES

Automatic switching-on of the "Uragan" [illegible] L. Gorovoi. Radio no. 9:14 S '56.

Electromagnetic frequency multipliers as voltage stabilizers. F. A. Katkov. Sbor. trud. Inst. elektr. AN URSR no. 12:99-107 '55.

General use of semiconductors in radio [illegible] Pestrinkov. Elektrichestvo 10 no. 9:42-45 S '56.

Improving the contact system of automatic [illegible] N. Bubkov. Radio no. 9:55 S '56.

The Milan fair. Radio no. 9:56-60 S '56.

New equipment. P. Tormasov. Radio no. 9:43-45 S '56.

Repairing switches. V. Safronov. Radio no. 9:14 S '56.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—EXHIBITIONS see subdivision under Kiev

RADIO—INTERFERENCE

Calculation and comparative evaluation of [illegible] suppression circuits from stations operating [illegible] mediate receiver frequency. I. M. Zhuravlev. Elektrichestvo 10 no. 10:18-21 O '56.

Investigation of noises by means of electron [illegible] V. N. Ivanov. Vest. Mosk. un. 11 no. 6:47-56 Je '56.

More control of interference. A. Sheps. Radio no. 10: 52 O '56.

Protection of synchronous generators from [illegible] radio interference. Zh. N. Petlukhin-Ilin. Vest. elektroprom. 27 no. 3:42-44 Mr '56.

RADIO—RECEIVERS AND RECEPTION

Automobile radio. M. Fabrik, Iu. Osipenkov. Radio no. 9:34-38 S '56.

Tuning up a receiver with the aid of a push-pull oscillator. N. Nikolaev. Radio no. 10:53-54 O '56.

The "Ukraina" radio combination console. V. Kharev. Radio no. 9:63 S '56.

RADIO—REPAIRING

Radio repair. N. Zykov. Radio no. 9:32-34 S '56.

Repair of band switches. G. D. Afiukina. Radio no. 9:51 S '56.

RADIO—TRANSMITTERS AND TRANSMISSION see subdivision under Antarctic regions

RADIO, SHORTWAVE

(see also subdivision under Erivan; Taruna; United States)

Brief news. Radio no. 9:10 S '56.

Long distance communication on ultra-high frequencies. N. Bondarev. Radio no. 9:10 S '56.

Meetings on the air waves. V. Zhelnov. Radio no. 9:33 S '56.

More distant dissemination of ultrashort waves. M. V. [illegible] sokovskii. Radio no. 9:24-26 S '56.

Ultrashortwave communication. V. Kochnev. Radio no. 10:15 O '56.

RADIO, SHORTWAVE—APPARATUS AND SUPPLIES

New keying circuits for use with a semiduplex. Radio no. 9:21-22 S '56.

RADIO, SHORTWAVE—COMPETITIONS

(see also subdivision under Kiev)

Accounts by participants. P. Volkin and others. Radio no. 10:18-20 O '56.

"Field day" for radio operators. N. Kazanskii. Radio no. 10:16-17 O '56.

Forward in force. N. Valentinov. Radio no. 9:7-8 S '56.

Interesting competitions. S. Kravchenko. Radio no. 9: 17-18 S '56.

Results of the competition. V. Klimov. Radio no. 10: 20-20 O '56.

RADIO, SHORTWAVE—RECEIVERS AND RECEPTION

Ultrashort wave receiver set. A. Nefedov, V. Korobeshin. Radio no. 9:38-41 S '56.

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Master oscillator for UHF transmitter. S. Alekseev. Radio no. 10:27 O '56.

Shortwave transmitter of the third category. V. Lemanovich. Radio no. 10:22-25 O '56.

Simple transmitter on 420-425 megacycles. N. Kosharnikov. Radio no. 10:25-27 O '56.

RADIO AMPLIFIERS see Amplifiers, Electron-tube

RADIO ASTRONOMY
Application of ferrites in radioastronomy technique. N. V. Karlov, A. E. Salomonovich. Radiotekh. i elektron. 1 no. 1:120-121 Ja '56.
Automatic null-type centimer-wave radiometer for investigation of weak noise signals. N. V. Karlov, A. E. Salomonovich. Radiotekh. i elektron. 1 no. 1: 121-122 Ja '56.
Radiometer for investigating the polarization of radio wave emission at 3.2 cm. wavelength. E. G. Mirzabekian. Soob. Biur. observ. no. 19:4-42 '56.

RADIO BEACONS
Omnidirectional radio beacons. I. Kalinskii. Mor. flot 16 no. 10:10-12 O '56.

RADIO CIRCUITS
Efficient automatic volume control circuit. I. Egorov. Radio no. 10:58 O '56.
When can a nonstationary random process be substituted for a stationary one. V. I. Tikhonov. Zhur. tekh. fiz. 26 no. 9:2057-2059 S '56.

RADIO CLUBS see subdivision under Mogilev; Saratov; Suriwam, Korea;

RADIO DIRECTION FINDERS
Direction finding by sector radio beacons with the help of "TVA-52" tables. A. Gamov, M. Gavriuk. Mor. flot 16 no. 7:10-19 Jl '56.

RADIO FILTERS
Rozenfel'd, E. I. [Filtration of harmonics in shortwave transmitters] Fil'tratsiia garmonik korotkovolnovykh peredatchikov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 42 p. (Loktsii po tekhnike sviazi)

RADIO FREQUENCY MODULATION
Frequency modulator using a DG-TS diode. A. Kniazev. Radio no. 9:22-23 S '56.

RADIO IN AERONAUTICS
Bolavin, O.V. [Air navigation by radio] Radiotekhnicheskie sredstva samoletovozhdeniia. Moskva, Gos. izd-vo obor. promyshl., 1956. 219 p.
Electronics of today and tomorrow. I. S. Dzhigit. Nauka i zhizn' 23 no. 11:20-32 N '56.
Receiving code calls from locator stations. I. A. German-Evtushenko. Vest. Vozd. Fl. 36 no. 5:46-48 My '56.

RADIO IN NAVIGATION
Errors of angle readings at the "Neptune" radiolocation station. I. Mishenko, G. Shkoda. Mor. flot 16 no. 7:28-29 Jl '56.

RADIO INDUSTRY—EXHIBITIONS see subdivision under Kiev

RADIO JOURNALISM
"They drive nails with a hammer." L. Magrachev. Sov. pech. no. 10:33-35 O '56.

RADIO OPERATORS
(see also subdivision under Ivanovo)
From radio amateur to military radio operator. N. Vasilenko. Radio no. 10:8 O '56.
Radio operators at the international motorcycle races in Leningrad. A. Likhodievskii. Radio no. 10:14 O '56.
Training means success. A. Semenova. Radio no. 10: 8 O '56.

RADIO RELAY SYSTEMS
(see also subdivision under Kirghizistan; United States)
Radio relay lines with great distances between amplifier substations. L. A. Kopytin. Vest. sviazi 16 no. 9:5-6 S '56.
Radio relay systems. A. Prosin. Nauka i zhizn' 23 no. 10:14-16 O '56.
Theory of constructing distribution systems for radio broadcasting. E. K. Iodko. Elektrosviaz' 10 no. 10:29-34 O '56.

RADIO STATIONS, AMATEUR see Amateur radio stations

RADIO WAVES see subdivision under United States

RADIOACTIVE TRACERS
Preliminary results of the study of biosynthesis of resin with radioactive carbon. G. V. Sukhov. Gidroliz. i lesokhim. prom. 9 no. 4:17 '56.
Shlyk, A.A. [Tagged atom method of studying the biosynthesis of chlorophyll] Metod mechenykh atomov v izuchenii biosinteza khloarofilla. Minsk, Izd-vo Akademii nauk BSSR, 1956. 208 p.
Studies on the distribution of veronal in the central nervous system using tagged atoms. S. G. Zograbian, S. E. Shnol'. Zhur. nevr. i psikh. 56 no. 8:654-656 '56.
Tagged atoms for investigating the chemical stability of glass in ferric chloride solutions. IU. V. Rogozhin. Trudy VNIIStekla no. 30:30-42 '56.
Using the method of tagged atoms to determine the effect of refractory materials on the occurrence of nonmetal inclusions in steel. O. M. Margulis, A. G. Karaulov. Ogneupory 21 no. 6:253-258 '56.
What are "tagged atoms"? IU. Kurdinovskii. Otv. na vop. trud. no. 71:31-42 '56.

RADIOACTIVE TRACERS—BIBLIOGRAPHY see Bibliography—Radioactive tracers

RADIOACTIVE TRACERS—INDUSTRIAL APPLICATIONS
Directional-relay radioactive tracer [with English summary in insert]. A. N. Svenson, V. P. Sigorskii. Avtom. i telem. 17 no. 9:828-835 S '56.

RADIOACTIVITY
Epochs of mineral formation in the Pre-Cambrian. A. I. Tugarinov. Izv. AN SSSR. Ser. geol. 21 no. 9: 3-26 S '56.
Nikitin, B.A. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR, 1956. 349 p.
Temperature outbursts in a medium subject to the action of nuclear radiation. I. M. Lifshits. Dokl. AN SSSR 109 no. 6:1109-1111 Ag '56.

RADIOACTIVITY—MEASUREMENT
Baranov, V.I. [Measurement of radioactivity] Radiometriia. Izd. 2-oe, ispr. Moskva, Izd-vo Akademii nauk SSSR, 1956. 343 p.
Standards and standard measuring methods in the field of ionizing radiations. K. K. Aglintsev. Izm. tekh. no. 4:21-24 Jl-Ag '56.

RADIOELEMENTS
Radiography for the study of the state of radioelements in diluted solutions. I. E. Starik, N. I. Alekseenko. Zhur. neorg. khim. 1 no. 7:1676-1679 Jl '56.

RADIOGRAPHY
Radiography for the study of the state of radioelements in diluted solutions. I. E. Starik, N. I. Alekseenko. Zhur. neorg. khim. 1 no. 7:1676-1679 Jl '56.

RADIOISOTOPES
Investigation of the glass electrode by the radioactive indicator method. Part 2. Behavior of the glass electrode in the alkaline region [with English summary in insert]. N. IA. Izmailov, A. G. Vasil'ev. Zhur. fiz. khim. 30 no. 7:1509-1512 Jl '56.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS
Comparative effectiveness of weld quality control by radioscopy with use of radioactive isotopes. A. S. Fal'kevich, I. E. Neifel'd. Svar. proizv. no. 9:23-24 S '56.
Control of castings by means of radioactive isotopes. B. B. Gulinev, L. G. Demina. Lit. proizv. no. 9:18-20 S '56.
Protective device employing a radioactive isotope. E. A. Petrov, N. I. Ovcharenko. Prom. energ. 11 no. 9:19-21 S '56.
Radioactive isotopes for investigating the steel desulfuration process. K. M. Trubatskov, S. N. Stupar'. Sbor. trud. TSNIICHM no. 13:127-141 '56.
Use of radioactive isotopes in the quality control of wood. B. K. Lakatosh. Der. prom. 5 no. 10:13-14 O '56.
V. F. Smirnov's article "Some possible uses of radioactive isotopes in the coal industry." B. I. Medvedev. Ugol' 31 no. 10:37 O '56.

RADIOLARIA see subdivision under Soviet Far East

RADIOMETER
Automatic null-type centimer-wave radiometer for investigation of weak noise signals. N. V. Karlov, A. E. Salomonovich. Radiotekh. i elektron. 1 no. 1: 121-122 Ja '56.
Radiometer for investigating the polarization of radio wave emission at 3.2 cm. wavelength. E. G. Mirzabekian. Soob. Biur. obser. no. 19:4-42 '56.

RADIOSONDES
Application of the triple control method for studing the accuracy of radiosondes. P. F. Zaichikov. Trudy TSAO no. 16:10-17 '56.
Basis for delayed releases of radiosondes. V. D. Roshetov. Trudy TSAO no. 16:3-9 '56.
Method of increasing the height of ascent of radiosondes. E. P. Letina. Meteor. i gidrol. no. 8:48-50 Ag '56.

RADIOSPECTROSCOPY see Microwave spectroscopy

RADON
Use of radon for topical diagnosis of tumors of the spinal cord. E. N. Krupin. Vop. neirokhir. 20 no. 4:18-21 Jl-Ag '56.

RAFFINOSE
Rapid chromatographic determination of raffinose in fodder molasses. N. P. Sitina. Sakh. prom. 30 no. 8: 41-44 Ag '56.

RAGTIME MUSIC see subdivision 'Jazz music' under Great Britain

RAILROAD BRIDGES
Statistical method for determining temporary loads exerted on multitrack railroad bridges. M. K. Borodich. Sbor. trud. SIMI no. 10, 146-166 '56.

RAILROAD LAW
"Disputes arising from the legal relationship of parties in railway freight operations." M. K. Aleksandrov-Dol'nik. Reviewed by M. E. Khodunov, G. I. Chirkov. Sov. gos. i pravo no. 8:137-141 '56.
The responsibility of railroads for protecting the freight they carry. M. K. Aleksandrov-Dol'nik. Sov. gos. i pravo no. 7:93-102 '56.

RAILROAD MOTORCARS
Universal railroad crane motorcar. A. I. Zotov. Elek. sta. 27 no. 9:49-50 S '56.

RAILROAD RESEARCH
Production-laboratory base for scientific investigations. A. V. Popsuev, A. G. Tilichenko. Zhel. dor. transp. 38 no. 10:83 O '56.

RAILROADS
(see also subdivision under China; Siberia; Switzerland)
Improving the planning of work in railroad transportation. IA. Kirpichenkov. Sots. trud. no. 4:46-52 Ap '56.
Over-all mechanization and automatic control in production processes are most important conditions for technical progress. Zhel. dor. transp. 38 no. 10:3-8 O '56.
Russia (1923- U. S. S. R.) Glavnoe upravlenie uchebnymi zavedeniiami. [Higher institutions for the study of railroad transportation; a manua for entrants] Vysshie uchebnye zavedeniia zheleznodorozhnogo transporta; spravochnik dlia postupaiushchikh. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 85 p.

RAILROADS—ACCOUNTS, BOOKKEEPING, ETC.
Business accounting in railroad transporation. I. Ivliev. Vop. ekon. no. 10:36-48 O '56.
Current problems in the statistical recording of railroad equipment. I. V. Kochetov. Trudy MTEI no. 2: 73-85 '55.

RAILROADS—CARS
On specialization in railroad-car depots. N. Z. Zizemskii. Zhel. dor. transp. 38 no. 10:82-83 O '56.
Textbook on railroad cars ("Railroad cars," F. A. Lapshin, S. G. Komarov. Reviewed by N. E. Fillmonov). Zhel. dor. transp. 38 no. 10:95-96 O '56.

RAILROADS—CARS—MAINTENANCE AND REPAIR
Beev, D.A., T.K.Golutvina, and P.P.Sokolov. [Mechanization of the repairing of passenger cars; experience of car repairing plants and depots] Mekhanizatsiia rabot pri remonte passazhirskikh vagonov; opyt vagonoremontnykh zavodov i depo. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 179 p.

RAILROADS—COST OF CONSTRUCTION
Determining operating costs in comparing local route variations for railroad lines in field conditions. L. Z. Prasov. Sbor. LIIZHT no. 150:10-24 '56.

RAILROADS—CROSSINGS see subdivision under United States

RAILROADS—CURVES AND TURNOUTS
New norms for constructing and maintaining rails on the curved parts of tracks. O. P. Ershkov, L. P. Melent'ev, M. S. IAkhov. Zhel. dor. transp. 38 no. 10:64-69 O '56.

RAILROADS—EARTHWORK
Some results of using electrochemical soil stabilization under operating conditions. G. N. Zhinkin. Sbor. LIIZHT no. 150:72-82 '56.

RAILROADS—ELECTRIC EQUIPMENT see subdivision under Latvia

RAILROADS—EMPLOYEES
In railroad brigades. A. Razumeev. Mosk. prop. 13 no. 9:49-52 S '56.
On the former Nicholas Railroad. Sots. obesp. 17 no. 9:58-59 S '56.
Planning increased labor productivity in the transport industries. M. V. Lin'kov. Zhel. dor. transp. 38 no. 10:49-54 O '56.

RAILROADS—EQUIPMENT AND SUPPLIES
Weighing equipment in railroad transport. S. I. Gauzner. Izm. tekh. no. 4:95-97 Jl-Ag '56.

RAILROADS—FREIGHT
Coordinating the work of railroad and truck transport and mechanical handling in transporting crated freight. S. M. Dzhumabaev. Trudy TASHIIT no. 6:82-94 '56.
Develop the moving of freight by combined railroad and water transport. I. Kraev. Biok. agit. vod. transp. no. 10:1-7 S '56.
Methods for more efficient freight transport on the Tashkent railroad. M. D. Gordon, E. I. Gashnikova. Trudy TASHIIT no. 6:109-123 '56.
Osipov, V. T. [Routing the transportation of grain and agricultural machinery] Marshrutizatsiia perevozok zerna i sel'skokhoziaistvennykh mashin. Moskva, Gos. trans. zhel-dor. izd-vo, 1956. 30 p.
(DA)

RECORDING INSTRUMENTS
Recording instrument for transient processes. V. S. Skital'tsev, IU. M. El'kind. Elektrichestvo no. 10:61-65 O '55.

RECREATION
New settlers relax. Klub 6 no. 11:20 N '56.

RECREATIONS see Games; Play

RECREATIONS, MATHEMATICAL see Mathematical recreations

RECTUM—INNERVATION
Effect of stimulation of the interoceptors on the chronaxy of the motor zone of the cerebral cortex. A. I. Karaev, A. A. Loginov. Fiziol. zhur. 42 no. 9: 752-757 S '56.

RECTUM—SURGERY
One-stage total resection of the colon and rectum. A. M. Dykhno. Khirurgiia. 32 no. 7:78-80 Jl '56.
Resection of the rectum in animals. L. I. TSellshchev. Veterinariia 33 no. 11:50 N '56.

RED CROSS
(see also subdivision under Altai Territory; Baku; Czechoslovakia; Dairan; Orekhovo-Zuyevo; Vologda Province)
District units should be strengthened. G. Grigor'eva. Sov. kras. krest 6 no. 5:11-12 S-O '56.
Help from active Red Cross workers. N. Sekinaeva. Sov. kras. krest 6 no. 5:8 S-O '56.
Soviet Red Cross organizations in schools. Sov. kras. krest 6 no. 5:1-2 S-O '56.

REDUCING AGENTS
Effect of reducing substances in sulfite-spirit wastes on the properties of plasticized cement. IU. S. Malinin. Zhur. prikl. khim. 29 no. 4:486-489 Ap '56.

REED, JOHN, 1887-1920
"Ten days that shook the world"; excerpts from the book by John Reed. Nov. vrem. 14 no. 46:28-31 N '56.

REFLECTION (OPTICS)
Effect of external factors on light reflection measurement data. A. S. Toporets. Opt. i spektr. 1 no. 1:90-93 My '56.

REFLEXES
"Disruption of function of internal organs caused by reflexes." S. S. Poltyrev. Reviewed by A. IA. Gubergrits. Klin. med. 34 no. 9:91-93 S '56.
Dynamics of an unconditioned defense reflex in adaptation reactions of the body according to electrocardiographic data. T. B. Levina. Uch. zap. MGPI 84:43-46 '55.
Effect of cholecystic reflex on the biligenic function of the liver. A. V. Gubar'. Fiziol. zhur. 42 no. 8: 765-767 S '56.
Formation of a crossed stretch reflex (Philippson's reflex) in decerebrated animals. V. D. Glebovskii. Fiziol. zhur. 42 no. 9:788-790 S '56.
Manakov, I.D. [Conditioned reflexes and types of the nervous system in horses] Uslovnye refleksy i tipy nervnoi sistemy u loshadei. Khar'kov, Khar'kovskii gos. univ. im. A. M. Gor'kogo, 1956. 112 p. (DA)
Orientation pupillomotor reactions to a "novelty" of light stimulus. A. R. Shakhnovich. Fiziol. zhur. 42 no. 8:832-838 Ag '56.
Peculiarities of vascular reflex reactions in otosclerosis. M. I. Krotova-Vodop'ianova. Vest. oto-rin. 18 no. 5: 96 S-O '56.
Proper muscular apparatus of analysers; with reference to simple orientation reflexes. D. G. Kvasov. Fiziol. zhur. 42 no. 8:621-631 Ag '56.
Studies of the effect of stimulation of gastrointestinal interoceptors on unconditioned defense reflexes. Report no. 2: Effect of stimulation of mechanoreceptors of the gastrointestinal system on defense reflexes in various functional states of the brain. G. P. Mikhailovskii. Biul. eksp. biol. i med. 42 no. 9:6-11 S '56.
Unconditioned orientation reaction to sound and its extinction in rabbits. D. P. Mutiushkin. Fiziol. zhur. 42 no. 8:639-647 Ag '56.

REFRACTION
New ionic refraction. G. B. Bokii, S. S. Batsanov. Kristallografiia 1 no. 1:81-89 '56.

REFRACTION, DOUBLE
Birefringence of a liquid in the dynamic field of stress waves. S. N. Pen'kov. Opt. i spektr. 1 no. 1:77-84 My '56.

REFRACTION, TERRESTRIAL
Lateral refraction in connection with angle measurements at traversing stations in cities. A. S. Ziuzin. Geod. i kart. no. 8:18-26 Ag '56.

REFRACTIVE INDEX
Determining indices of refraction of clay fractions of rocks by means of the Fedorov stage. B. M. Mikhailov. Inform. sbor. VSEGEI no. 2:68-71 '55.

REFRACTOMETER
On F. Nechai's paper "Feasibility of measuring the refraction indexes of crystals on Abbe-type refractometers." G. N. Rautian, B. F. Ioffe. Zhur. tekh. fiz. 26 no. 8:1863-1864 Ag '56.

REFRACTOMETRY
On F. Nechai's paper "Feasibility of measuring the refractive index of crystals on Abbe-type refractometers." G. N. Rautian, B. V. Ioffe. Zhur. tekh. fiz. 26 no. 9: 2129-2130 S '56.
Photoelectric refraction indicator for level gauging. E. A. Frid, L. N. Martynov. Med. prom. 10 no. 3:43 Jl-S '56.

REFRACTORY MATERIALS
(see also subdivision under Panteleymonovka; Zaporozh'ye)
Choosing refractories for rotary furnaces for the direct reduction of iron. I. A. Ol'khovskii. Ogneupory 21 no. 6:264-268 '56.
The life of linings in steel-pouring ladles. G. V. Kukolev, K. F. Vasil'eva. Ogneupory 21 no. 6:247-253 '56.
Materials for regenerator checkers in open-hearth furnaces. V. A. Konopasevich. Stal' 16 no. 9:853-854 S '56.
New method for lining the walls of electric smelting furnaces using the acid and base process introduced at the Urals Car Plant upon the suggestion of S. IA. Barin. P. V. Filimonov. Prom. energ. 11 no. 9:38-39 S '56.
Protective refractory coatings from Akiash aluminous rocks. M. A. Strusevich, I. G. Beskrovnyi. Trudy Inst. energ. AN Uz. SSR no. 4:83-99 '56.
Some considerations on the origin of monothermite refractory clay deposits of the Chasov Yar type and the characteristics of monothermite. A. IA. Mikel. Vop. min. osad. obr. 2:194-203 '55.
Studying corrosion of refractory materials caused by glass masses. N. V. Solomin, N. M. Galdina. Trudy VNIIStekla no. 36:43-50 '56.
Using the method of tagged atoms to determine the effect of refractory materials on the occurrence of nonmetal inclusions in steel. O. M. Margulis, A. G. Karaulov. Ogneupory 21 no. 6:253-256 '56.

REFRACTORY MATERIALS—BIBLIOGRAPHY see Bibliography—Refractory materials

REFRACTORY MATERIALS—STANDARDS
Projected plan for the complex standardization of refractory materials. K. F. Leonov. Standartizatsiia no. 4:27-29 Jl-Ag '56.

REFRACTORY MATERIALS—TESTING
(see also subdivision under Great Britian)
Microstructure of electrically melted baddeleyite corundum refractories before and after service in glass furnaces. N. V. Solomin, N. M. Galdina, V. V. Lapin. Ogneupory 21 no. 6:268-274 '56.

REFRIGERATION AND REFRIGERATING MACHINERY
Air-cooled refrigerators. A. L. Khalif, I. M. Kof. Gaz. prom. no. 11:30-39 N '56.
Air rectification in stages. S. IA. Gersh. [Trudy] MVTU no. 17:5-36 '53.
Automatic prevention of the overfilling of liquid separators. D. Khristodulo, V. TSibanov. Mias. ind. SSSR 27 no. 5:29-30 '56.
Combined continuous refrigerator and sulfitation apparatus for puréed foods. A. A. Merkulov. Kaf. nauch. rab. VNIIKOP no. 3:50-54 '55.
Experimental testing of the feasibility of adapting refrigerating machinery for heating and cooling buildings using heat produced in the operation of hydroelectric power stations. L. M. Rozenfel'd, V. V. Onosovskii, G. S. Serdakov. Zhur. tekh. fiz. 26 no. 9:2037-2045 S '56.
Investigating the heat loss during vapor condensation on horizontal smooth and grilled pipes. E. E. Slepian. [Trudy] MVTU no. 17:75-100 '53.
Ioffe, A.F., and others. [Thermoelectric refrigeration] Termoelektricheskoe okhlazhdenie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 107 p.
Refrigeration in alcohol plants. V. I. Andreev. Spirt. prom. 22 no. 3:29 '56.
Utilization of mechanized coolers in section rolling mills. I. A. Lipovetskii and others. Stal' 16 no. 9: 798-802 S '56.

REFRIGERATION ON SHIPS
Choosing insulation for the holds of refrigerator ships. A. T. Mitsevich. Ryb. khoz. 32 no. 9:18-24 S '56.

REGENERATION (PHYSIOLOGY)
Regeneration of the spermatic cord in mammals. S. S. Raitsina. Biul. eksp. biol. i med. 42 no. 9:51-54 S '56.

REGIONAL PLANNING
Economy of planning and organizing public services in workmen's settlements. A. Piletskii. Arkhit. SSSR no. 11:32-35 '56.
Regional planning of rural districts. V. Riazanov. Arkhit. SSSR no. 10:19-22 '56.

REINDEER see subdivision under Pomozdino District

REINFORCED CONCRETE
(see also subdivision under Ochakovo)
Calculating the strength of bent reinforced concrete elements. A. I. Chebanenko. Trudy MIIT no. 84/85:45-112 '56.
Construction yard for producing reinforced concrete products on collective farms. A. Mashin. Sel'. stroi. 11 no. 9:9-12 S '56.
Designing reinforced concrete elements according to limiting states. N. M. Mitropol'skii. Trudy MIIT no. 84/85:113-171 '56.
Kolokol'nikov, V.S. [Reinforced concrete elements and parts] Zhelezobetonnye konstruktsii i detali. Pod red. V. I. Murashova. Moskva, Vses. uchebno-pedageg. izd-vo Trudrezervizdat, 1956. 91 p. (Biblioteka molodogo rabochego)
Problem of determining the epure of moments for continuous reinforced concrete girders under conditions of least metal consumption. A. M. Ovechkin. Trudy MIIT no. 84/85:29-44 '56.
Problems of mechanizing reinforcement production. V. A. Chaadaev. Mekh. stroi. 13 no. 9:13-15 S '56.

REINFORCED CONCRETE—TESTING
Investigation of the process of crack development in the stressed zone of reinforced concrete bridge girders subjected to bending from a lateral force. A. V. Alekseichenko. Trudy TSNIIS no. 19:177-250 '56.
Investigation of the strength of reinforced concrete elements subjected to multiple repeated loads. O. IA. Berg. Trudy TSNIIS no. 19:6-109 '56.

REINFORCED CONCRETE CONSTRUCTION
Calculating reinforced concrete elements with stretched central areas according to crack formations. N. A. Ladygin. Bet. i zhel.-bet. no. 10:375-376 O '56.
Sectional reinforced concrete anchorage walls. A. Sokolov. Mor. flot 16 no. 10:22-23 O '56.

REKEMCHUK, A.
Stories about simple laborers ("The cold; stories." A. Rekemchuk. Reviewed by N. Volodarskii). Na rub 17 no. 5:182-184 S-O '56.

RELATIVITY (PHYSICS)
A new optical experiment on relativity. A. M. Bonch-Bruevich, V. A. Molchanov. Opt. i spektr. 1 no. 2: 113-124 Je '56.

RELAYS, ELECTRIC see Electric relays

RELICS AND RELIQUARIES
Reverence for the holy relics. Priest-monk Athanasius. Zhur. Mosk. Patr. no. 8:59-63 Ag '56.

RELIGION AND MEDICINE see Medicine and religion

RELIGION AND SCIENCE
Further development of scientific research work in the field of atheism and history of religion and the participation of the institutions of the Academy in scientific atheistic propaganda work. Vest. AN SSSR 26 no. 9:88 S '56.
Science leads us forward and religion backwards. M. IA. Koval'zon. Nauka i zhizn' 23 no. 11:42-46 N '56.

RELIGIOUS ART see subdivision 'Temples' under Angkor, Cambodia

REMBRANDT, HERMANSZOON VAN RIJN, 1606-1669
On the problem of "Rembrandt's light"; on the 350th anniversary of the painter's birth. P. Bileis'kyi. Mystetstvo no. 4:41-44 Jl-Ag '56.
Problem of the historical painting in the works of Rembrandt. E. Rotenberg. Iskusstvo 19 no. 6:42-50 '56.
[Rembrandt van Rijn, 1606-1669] Rembrandt van Rein, 1606-1669. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. xix p., 43 plates.
Rembrandt's truth. A. Bassekhes. Iskusstvo 19 no. 6: 33-41 '56.

REMOTE CONTROL
Akademiia nauk SSSR, Institut avtomatiki i telemekhaniki. A collection of papers on automatic and remote control; proceedings of the Second and Third Scientific and Technical Conferences of Young Specialists of the Institute of Automatic and Remote Control in the Academy of Sciences of the U.S.S.R.] Sbornik rabot po avtomatike i telemekhanike; trudy vtoroi i tret'ei nauchno-tekhnicheskikh konferentsii molodykh spetsialistov instituta. Moskva, 1956. 287 p.
Drilling-bit feed control in drilling by motors located near the well-bottom. D. I. Mar'ianovskii. Avtom. i telem. 17 no. 10:880-889 O '56.
Gas cutting machine with a system of remote control by photoprinting to scale. N. A. Kapulkin. Svar. proizv. no. 9:25-27 S '56.
Measuring the speed of cars rolling down the hump by remote control. E. M. Shafit. Zhel. dor. transp. 38 no. 10:76-77 O '56.
Remote control of a pumping station. I. A. Shkvirin. Prom. energ. 11 no. 10:10-11 O '56.

RENDERING APPARATUS
Elution of the fatty fraction of hydrolysate in the production of vitamin A by alkaline hydrolysis. G. V. Krutchenskii. Ryb. khoz. 32 no.10:35-40 O '56.

RENDERING WORKS
Liberman, S.G., and V.P.Petrovskii. [Manual for the rendering of animal fats] Spravochnik po proizvodstvu zhivotnykh zhirov. Izd. 2-oe, perer. i dop. Moskva, Pishchepromizdat, 1956. 427 p.

RENGEN-TAU—QUACK GRASS
Couch grass formations of the Rengen-Tau Range and its practical use. R. S. Badritdinova. Dokl. AN Tadzh. SSR no.16:67-69 '56.

REPATRIATION
(see also subdivision under White Russia)
Back home from Argentina. Sov. Soluz no. 11:33-35 N '56.
Beginning of a new life. L. Lerov, K. Cherevkov. Ogonek 34 no. 41:14-16 O '56.

REPORTERS AND REPORTING see subdivision under Uzlovaya

REPTILES, FOSSIL see subdivision under Nikol'sk District

RESEARCH
Ways of introducing into industry the results of scientific research work. N. N. Kachatov. Vest. AN SSSR 26 no.9:46-50 S '56.

RESEARCH, INDUSTRIAL
More attention to factory laboratories. A. Aristov. Mosk. prop. 13 no.9:62-66 S '56.

RESERVOIRS
(see also subdivision under Polianovgradskoe, Bulgaria)
Conference on designing, building and operating large water reservoirs. G. O. Levit. Gidr. stroi. 25 no.9:63-3 of cover O '56.
Errors in computing capacities of reservoirs on the basis of topographic maps. M. P. Sirotkin. Geod. i kart. no.7:44-49 S '56.

RESHETOV, ALEKSANDR EFIMOVICH, 1909-
Biography of a contemporary in poetry ("Verse and poems." A. Reshetov. Reviewed by M. Dudin). Neva no.9:192 S '56.

RESINS see Gums and resins

RESINS, SYNTHETIC
Preparation of adhesive phenol-formaldehyde resins which practically do not contain free phenol. R. Z. Temkina. Zhur. prikl. khim. 29 no.9:1442-1444 S '56.

RESISTANCE, ELECTRIC see Electric resistance

RESONATORS, ELECTRIC see Electric resonators

RESPIRATION
Compensation buret for Golden's gas analyser. V. L. Churnichev. Fiziol. zhur. 42 no.9:819-820 S '56.
Effect of saluzid on reflexes from interoceptors. I. E. Gaber. Biul. eksp. biol. i med. 42 no.9:25-27 S '56.
Effect of thyroxin on gas exchange in rats following the administration of bromine. T. O. Dzholeva. Fiziol. zhur. [Ukr.] 1 no.4:111-116 Jl-Ag '55.
Function of deglutition, respiratory, and cardiovascular centers and its relation to the frequency of stimulation of the glossopharyngeal, superior laryngeal, and vagus nerves. G. IA. Priima. Fiziol. zhur. 42 no.8: 675-684 Ag '56.
Importance of correct respiration in horseback riding. Teor. i prak. fiz. kul'. 19 no.10:792-793 '56.
Nature of the effect of the midbrain on the respiratory center. Z. S. Dontsova. Fiziol. zhur. 42 no.8:668-674 Ag '56.
Postoperative ventilation capacity of the respiratory apparatus long after the removal of a lung or its part. L. S. Ul'ianova. Sov. med. 20 no.9:75-80 S '56.
Some physiological indexes for checking the development of young horses. N. Molchanova. Konevodstvo 26 no. 10:19-21 O '56.
Study of the respiratory function in surgery for pulmonary tuberculosis. D. D. Aseev, G. I. Kositskii, S. M. Stribula. Probl. tub. 34 no.3:55-63 My-Je '56.

RESPIRATORY ORGANS—DISEASES
A method of using aerogel in respiratory tract diseases. M. T. Suzdort. Sov. med. 20 no.9:85-86 S '56.
Novocaine block in some diseases of the upper respiratory tract. V. V. Shimko. Vest. oto-rin. 18 no.5: 122-123 S-O '56.

RESPIRATORY TRACT
Late result of streptomycin therapy in scleroma of the respiratory tract. N. T. Evstaf'ev. Vest. oto-rin. 18 no.5:59-61 S-O '56.

RESPIRATORY TRACT—DISEASES
Condition of the upper respiratory tract in manganese miners. N. I. Protopopov. Vest. oto-rin. 18 no. 5: 34-38 S-O '56.
Unconditioned salivation in atropic processes of the upper respiratory tract. V. P. Kolomiitsev. Vest. oto-rin. 18 no. 5:45-49 S-O '56.

RESPIRATORY TRACT—TUBERCULOSIS
Experience in treating respiratory tract tuberculosis with saluzid. A. N. Voznesenskii. Vest. oto-rin. 18 no. 5:53-57 S-O '56.

RESPONSIBILITY (LAW) see Liability (Law)

REST
Zolina, Z.M., and S.I.Krapivintseva. [Proper organization of rest periods during work insures health] Pravil'naia organizatsiia pereryrov v rabote - zalog zdorov'ia. Moskva, Medgiz, 1955. 19 p.
(DAFM)

RESTAURANTS, LUNCHROOMS, ETC.
[Innovations in the work of public eating establishments] Novoe v rabote predpriiatii obshchestvennogo pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 90 p.
The shop is at lunch. Vl. Rudim. Ogonek 34 no. 43: 18 O '56.
Workers' inspection. S. Traniants. Sov. profsoiuzy 4 no.10:33-34 O '56.

RESTAURANTS, LUNCHROOMS, ETC.—SAFETY MEASURES
Levitskii, K.I. [Safety measures and fire prevention in public eating enterprises] Tekhnika bezopasnosti i protivopozharnaia tekhnika v predpriiatiiakh obshchestvennogo pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 105 p.

RESTORATION OF BOOKS see Books—Conservation and restoration

RESTORATION OF BUILDINGS see subdivision 'Architecture—Conservation and restoration' under Kiev

RESUSCITATION
Dynamics of modifications of conditioned defense reflexes in animals revived following clinical death. V. A. Negovskii, A. I. Makarychev, A. V. Popova. Zhur. vys. nerv. deiat. 6 no. 4:584-596 Jl-Ag '56.
Role of vascular interoception in the restoration of vital functions following asphyxia. L. S. Persianinov. Fiziol. zhur. 42 no. 8:685-694 Ag '56.

RETAIL TRADE—ACCOUNTING see subdivision under Chelyabinsk Province

RETINA
Development of the retina in Misgurnus fossilis. N. V. Ermisheva. Dokl. AN SSSR 109 no. 6:1219-1221 Ag '56.

RETTING
(see also subdivision under Latvia)
Combined method of retting flax. A. L. Peskin. Len i konop. no. 6:31-34 Ag '56.
Watering flax on the retting ground. L. D. Fomenko, G. S. Liapin. Len i konop. no. 6:29-31 Ag '56.

REVENUE see subdivision under Serpukhov

REVENUE-STAMPS
Russia (1923- U.S.S.R.) Upravlenie i sistematizatsii zakonodatel'stva. [Instructions of the State Bank of the U.S.S.R., no. 57 of July 20, 1954, "On the payment of state duty and the registration and sale of state revenue stamps"] Instruktsiia Gosudarstvennogo banka SSSR, no. 57 ot 20 iiulia 1954 g., "o poriadke uplaty gosudarstvennot poshliny i poriadke ucheta i prodazhi marok gosudarstvennot poshliny." Moskva, Gosiurizdat, 1955. 19 p.
(DS)

REVOLUTION, 1917-1921—FICTION see subdivision under Kirghizistan

REVOLUTIONISTS see subdivision under Europe, Western

REVOLUTIONS see subdivision 'Revolution of 1905' under Poland; Russia; Sutin; Ukraine; Ural Mountain region; 'Revolution, 1917-1921' under Archangel Province; Leningrad; Moscow; Russia; Ukraine; White Russia

REWARDS (PRIZES, ETC.)
Challenge Red Banners and prizes for the best districts and collective and state farms. Biok. agit. no. 32: 18-23 N '56.
Control over the expenditure of funds in the form of service awards to workers. P. Zel'manovskii. Bukhg. uchet 15 no. 9:12-13 S '56.
Gold medals and name prizes awarded by the Academy. Vest. AN SSSR 26 no.10:88-89 O '56.
Results of the all-Union competition for instrument designers. Stan. i instr. 27 no. 9:41-43 S '56.

RHEUMATIC FEVER
Anglospastic and convulsive syndrome in rheumatism in children and adolescents. V. IA. Dekanov. Zhur. nevr. i psikh. 56 no. 9:698-702 '56.
Course of the period following an attack of rheumatic fever in schoolchildren under different conditions. M. V. Ivanova. Vop. okh. mat. i det. 1 no. 5:25-29 S-O '56.
Early detection of rheumatic fever in children. I. P. Shteinberg. Vop. okh. mat. i det. 1 no. 5:16-20 S-O '56.
Epileptiform conditions in rheumatic fever. T. M. Simonova. Zhur. nevr. i psikh. 56 no. 8:691-697 '56.
Functional state of the cardiovascular system in [illegible] children suffering from rheumatic fever. N. M. Pestova. Vop. okh. mat. i det. 1 no. 5:20-24 S-O '56.
Incidence of rheumatic fever according to data from rural schools. G. D. Golovanova. Vop. okh. mat. i det. 1 no. 5:60-61 S-O '56.
Materials on the clinical and immunological characteristics of rheumatic fever in children. A. M. Gristinova, E. Z. El'perin. Vop. okh. mat. i det. 1 no. 5:34-15 S-O '56.
On the problem of the excretion with the urine of 17-ketosteroids in rheumatic fever in children. E. I. Shcherbatova. Vop. okh. mat. i det. 1 no. 5:40-43 S-O '56.
Problems in present-day diagnosis and pathogenesis of rheumatic fever; review. A. P. Slepkov. Vop. okh. mat. i det. 1 no. 5:8-15 S-O '56.
Rheumatic encephalitis with a hyperkinetic syndrome in children. A. P. Kutsemilova. Zhur. nevr. i psikh. 56 no. 9:703-708 '56.
Savvatimskaia, N.P. [Rheumatic fever in children and its control; brief handbook for practicing physicians] Revmatizm u detei i organizatsiia bor'by s nim; kratkoe rukovodstvo dlia prakticheskikh vrachei. Moskva, Medgiz, 1956. 101 p.
(DAFM)
Tasks of public health organs in the struggle against rheumatic fever in children. A. B. Velovik. Vop. okh. mat. i det. 1 no. 5:3-7 S-O '56.
Work practice of the republic sanatorium for rheumatic children at the Lipetsk health resort. N. P. Severina. Vop. okh. mat. i det. 1 no. 5:74-77 S-O '56.

RHEUMATIC HEART DISEASE
Clinical aspects of endocarditis of the aortal valves in rheumatic fever in children. A. L. Rabinovich. Vop. okh. mat. i det. 1 no. 5:20-24 S-O '56.
Effect of the adrenocorticotrophic hormone (ACTH) on the course of rheumatic fever in children. M. M. Il'ina, E. I. Shcherbatova. Vop. okh. mat. i det. 1 no. 5:54-59 S-O '56.
Pathomorphology of the central nervous system in rheumatic fever in children. M. A. Izrail'skaia. Vop. okh. mat. i det. 1 no. 5:46-54 S-O '56.
Relationship between endocarditis lenta and rheumatic disease. A. A. Laptev. Terap. arkh. 28 no. 6:84-92 '56.

RHINOSCLEROMA
Late results of streptomycin therapy in scleroma of the respiratory tract. N. T. Evstaf'ev. Vest. oto-rin. 18 no. 5:59-61 S-O '56.
Primary scleroma of the trachea. S. V. Sverchkov. Vest. oto-rin. 18 no. 5:130 S-O '56.
Report on the interrepublic scientific and practical conference on scleroma. B. IA. El'bert. Vest. oto-rin. 18 no. 5:101-104 S-O '56.
Use of intralaryngeal d'arsonvalization in scleroma. O. V. Popova. Vest. oto-rin. 18 no. 5:58-59 S-O '56.

RHIZOSPHERE MICROBIOLOGY
Interaction of soil algae with higher plants. E. A. Shilova. Vest. Mosk. un. 11 no. 6:93-98 Je '56.

RHODIUM-GERMANIUM ALLOYS see Germanium-rhodium alloys

RIBOFLAVIN
Individual variations in vitamin $B_2$ requirements. Report no. 1: Degree of individual fluctuation in vitamin $B_2$ requirement in white rats. Vop. pit. 15 no. 5:8-11 S-O '56.

RICE
(see also subdivision under Astrakhan Province; Belen'koye; China; Volga Valley)
[For high rice yields] Za vysokii urozhai risa. [Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1955] (folder)
(DA)

RICHARDS, ROBERT, 1926-
R. Richards' hundredth jump. Leg. atl. no. 9:30 S '56.

RICKETS
Development of vitamin D deficiency and its relation to the dietary content of vitamin B complex. A. T. Zhmakido, S. N. Matsko. Vop. pit. 15 no. 5:71-73 S-O '56.
Rickets. E. Zabludovskaia. Sem'ia i shkola 11 no. 11: 34-35 N '56.

RIFLE PRACTICE
New standards of the "Ready for Labor and Defense" system in rifle shooting. P. Lugovoi. Voen. znan. 31 no. 8:23 Ag '56.

Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu. [Program for the preparation of first and second class riflemen of the "Ready for Labor and Defense" group in organizations of the All-Union Volunteer Society for Assistance to the Army, Air Force and Navy] Programma podgotovki strelkov po normam I i II stupenei kompleksa GTO v organizatsiiakh DOSAAF. Moskva, 1955. 39 p.

RIFLE-RANGES
Toropov, K. V. [Shooting ranges; the construction and equipment of ranges for firing small caliber and combat rifles] Strelkovye tiry; ustroistvo i oborudovanie strelkovykh tirov dlia strel'by iz malokalibernogo i boevogo oruzhiia. Moskva, Izd-vo DOSAAF, 1956. 126 p.

RIFLES
Two solutions to a design problem. V. Korol'kov. Voen. znan. 31 no. 9:22 S '56.

RIGA—CONCERTS
Riga. Sov. muz. 20 no. 9:117 S '56.

RIGA—MARKETS
The central collective farm market in Riga. T. Inskaia. Ogonek 34 no. 44:10 O '56.

RIGA—SPORTS
The stadium threw open its gates. A. Galitskii, N. Popov. Fizk. i sport 26 no. 10:4-5 '56.

RIGA—TECHNICAL EDUCATION
A leading automobile mechanic school. T. Surov. Avt. transp. 34 no. 9:34-35 S '56.

RIGHTS OF WOMEN see Women—Rights of women

RIMSKII-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1908
Expressiveness of Rimskii-Korsakov's harmony. V. TSukkerman. Sov. muz. 20 no. 10:59-64 O '56.

RIVERS
(see also subdivision under Chu Valley; Donets Basin; Issyk-Kul' Province; Kirghizistan)
Present-day role of the chief of a hydrological station in studying river conditions. E. N. Mozhatkin. Meteor. i gidrol. no. 9:43-44 S '56.

RIVERS—REGULATION
Aspects of erosion of sidelong accretions in gullies. IU. V. Itoniashvili. Soob. AN Gruz. SSR 17 no. 7:585-591 '56.

Domanevskii, N. A., and others. [Channel processes and improvement of the navigable course in open-channel rivers] Ruslovye protsessy i putevye raboty na svobodnykh rekakh. Moskva, Izd-vo "Rechnoi transport," 1956. 456 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta, Trudy, no. 8)

RIVERS, FREEZING AND OPENING OF see Ice on rivers, lakes, etc.

RIVETS AND RIVETING
Some structural details of welded hull joints. N. Kvashchuk. Mor. flot 16 no. 7:27-28 Jl '56.

ROAD CONSTRUCTION
(see also subdivision under Germany, East; Gorkiy Province; Ukraine)
Bring scientific research work closer to the needs of road construction. S. T. Sokhranskii. Avt. dor. 19 no. 9:2-3 S '56.

Calculating water accumulation prior to road building. L. G. Rabukhin. Avt. dor. 19 no. 9:24 S '56.

In the scientific council of the All-Union Scientific Research Institute for Road Construction and Maintenance. E. Tumas. Avt. dor. 19 no. 9:27 S '56.

New engineering instructions for designing roads for industrial enterprises. V. K. Kozlovskii. Avt. dor. 19 no. 9:32 S '56.

Put measures for controlling torrential streams on a scientific basis. ("Torrential streams and the design of roads in areas of their occurrence." S. M. Fleishman. Reviewed by E. K. Rabkova.) Transp. stroi. 6 no. 9:30-32 S '56.

A useful book on the organization and operation of concrete plants. ("Concrete plants for building automobile roads" by V. I. Morozov. Reviewed by V. Prusov.) Avt. dor. 19 no. 9:31-32 S '56.

ROAD CONSTRUCTION—BIBLIOGRAPHY see Bibliography—Road construction

ROAD CONSTRUCTION—COLD WEATHER CONDITIONS
Building embankments in winter. N. IA. Khar'duta, IU. M. Vasil'ov. Avt. dor. 19 no. 9:4-6 S '56.

ROAD MACHINERY
(see also subdivision under Germany)
DT-54 tractor-mounted road grader. V. IAkovlev. Les. prom. 34 no. 10:20-21 O '56.

On standardization of building and road machinery. A. IA. Gurevich. Stroi. i dor. mashinostr. no. 9:3-7 S '56.

Utilizing the experience with operating the D-282 machine in selecting parameters for soil mixing machinery. G. N. Aristarkhov. Stroi. i dor. mashinostr. no. 9:13-15 S '56.

ROADS
(see also subdivision under Estonia; Russia)
On the rural roads. Sov. Soiuz no. 11:18-19 N '56.

Telegin, M. IA., M. B. Korsunskii, and M. S. Zel'manovich. [Efficiency and life characteristics of flexible road surfaces] Rabotosposobnost' i mezhremontnye sroki sluzhby nezhestkikh dorozhnykh odezhd. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 104 p.

ROADS—MAINTENANCE AND REPAIR
Wintertime maintenance of roads by the efforts of the DPR. A. P. Karetnikov. Avt. dor. 19 no. 9:17 S '56.

ROADS, ICE
Building an automobile and tractor winter road across a "floating" bog. V. I. Filin. Avt. dor. 19 no. 9:13-14 S '56.

ROCK DRILLS
Results of testing the cutting of grooved core samples with a hammer drill having a detachable bit. B. G. Vasil'ev. Trudy MGRI 30:53-55 '56.

ROCKETS, (AERONAUTICS)
The dawn of rocket engineering. Hsu Kê-ming. Tekh. mol. 24 no. 10:0 O '56.

Feodos'ev, V. I., and G. B. Siniarev. [Introduction to rocket engineering] Vvedenie v raketnuiu tekhniku. Moskva, Gos. izd-vo obor. promyshl. 1956. 375 p.

ROCKS see subdivision under Kirghizistan

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Aldan Plateau

ROCKS, IGNEOUS
(see also subdivision under Anatolia, Turkey; Barguzin Valley; Kalba Range; Krasnoural'sk; Kuronnakh Valley; Turka Valley; Yakokut Valley)
Classification of igneous rocks in Russia before 1917. B. M. Kupletskii. Och. po ist. geol. znan. no. 5:228-238 '56.

ROCKS, SEDIMENTARY
(see also subdivision under Beregova, Upland)
Chemical processes of mineral formation in sedimentary rocks. V. V. Shcherbina. Vop. min. osad. obr. 3/4:27-38 '56.

Color of sedimentary rocks as one of the indicators of conditions of their formation. V. I. Danchev. Vop. min. osad. obr. 3/4:57-72 '56.

Importance of studying minerals of igneous and metamorphic rocks in order to explain the nature and origin of sedimentary formations. I. A. Preobrazhenskii. Vop. min. osad. obr. 3/4:414-422 '56.

Investigation of diagenesis. N. M. Strakhov. Vop. min. osad. obr. no. 3/4:7-26 '56.

Mineralogy of sedimentary rocks and the petroleum industry of the U. S. S. R. S. G. Sarkisian. Vop. min. osad. obr. 3/4:87-106 '56.

Nomenclature, terminology, and classification of sedimentary rocks. M. S. Shvetsov. Vop. min. osad. obr. 3/4:109-118 '56.

Types of sedimentary process and sedimentary rock formations. Article 2. N. M. Strakhov. Izv. AN SSSR. Ser. geol. 21 no. 8:20-30 Ag '56.

RODENT CONTROL
Long-lasting winter rodent control spots. T. A. Adol'f, N. V. Basheninа, N. M. Dukel'skaia. Biul. Glav. bot. sada no. 24:97-99 '56.

Rodent control in camp. I. N. Shchastlivyi. Voen.-med. zhur. no. 7:64-66 Jl '56.

RODENTIA
Enemies of fields and orchards. V. Gruzdev. IUn. nat. no. 2:36-37 My '56.

RODENTS AS CARRIERS OF DISEASE
Mammals as vectors of Rickettsia burneti - the causative agent of Q-fever. Z. M. Zhmaeva and others. Dokl. AN SSSR 109 no. 6:1227-1228 Ag '56.

RÖPKE, WILHELM, 1899-
More about the Swiss economist Wilhelm Röpke. I. Blumin, I. Dvorkin. Vop. ekon. no. 10:146-147 O '56.

ROLLER BEARINGS
Repair and assembly of roller bearings. Zhel. dor. transp. 38 no. 10:Insert O '56.

ROLLING (METALWORK)
Calculating power consumption during hot rolling. IA. N. Shpunberg. Trudy Ural. politekh. inst. no. 45:41-77 '53.

Conference on the preparation of metal for rolling and finishing of the rolled shapes. V. E. Svets, V. R. Zamkovskii, L. V. Shapiro. Metallurg no. 10:36-39 O '56.

Continuous rapid heating of pipes prior to reduction. N. IU. Taits, G. N. Kheifets, V. B. Tov. Stal' 16 no. 9:826-830 S '56.

Determining the surface projection area of pipes being in contact with the rolls of automatic mills. V. V. Shveikin. Trudy Ural. politekh. inst. no. 45:121-136 '53.

Efficient pass designing for rolling round sections on small section mills. A. P. Chekmarev, V. I. Meleshko. Trudy Inst. chern. met. AN URSR no. 10:44-63 '56.

Equilibrium of forces during rolling with lateral spreading. I. IA. Tarnovskii. Trudy Ural. politekh. inst. no. 45:97-120 '53.

Improving the design of heating furnaces. IA. M. Chernlavskii. Metallurg no. 10:31-32 O '56.

Improving the technology of cooling and straightening of channel iron. S. P. Orel. Metallurg no. 10:28-30 O '56.

Grip on the metal in rectangular grooves. V. M. Klimenko. Trudy Inst. chern. met. AN URSR no. 10:64-89 '56.

"Pipe rolling processes" by N. F. Ermolaev. Reviewed by IU. I. Vashchenko, M. A. Budkin. Stal' 16 no. 9:861 S '56.

Plotting the velocity field of points of the center of deformation with the help of a coordinate net of a strip caught in the rolls during the process of ordinary rolling. N. P. Spiridonov, O. N. Spiridonov. Trudy Inst. chern. met. AN URSR no. 10:90-103 '56.

Roll pass design and reduction system in cogging on blooming mills. A. P. Chekmarev, V. D. Chekhranov. Trudy Inst. chern. met. AN URSR no. 10:26-43 '56.

Rolling of rails. B. V. Merekin. Stal' 16 no. 9:803-805 S '56.

Some results of timing by chronograph the work of blooming mill operators. A. P. Chekmarev, IU. V. Vorotyntsev. Trudy Inst. chern. met. AN URSR no. 10:138-152 '56.

Tarnovskii, I. IA., A. A. Pozdeev, and V. B. Liashkov. [Deformation of metal in rolling] Deformatsiia metalla pri prokatke. Pod red. I. IA. Tarnovskogo. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 287 p.

What works councils do for us. V. Vas'ko. Sov. profsoiuzy 4 no. 10:23-25 O '56.

ROLLING MILLS
Designing drives for wire reelers on wire-rod mills. B. N. Bukhvalov. Trudy Ural. politekh. inst. no. 45:152-155 '53.

Improving the kinematics of mills for cold pipe rolling. I. IU. Korobochkin. Stal' 16 no. 9:805-808 S '56.

Labor organization at an automatic tube-rolling installation. L. Shevchenko. Sots. trud. no. 10:86-87 O '56.

Modernization of gear cages on rolling mills. S. M. Ruvinskii, I. S. Starets, E. E. Garmash. Stal' 16 no. 9:849-851 S '56.

Operating conditions of reversing rolling mills. V. A. Tiagunov. Trudy Ural. politekh. inst. no. 45:5-40 '53.

"The '1000' blooming mill" by A. A. Korolev and others. Reviewed by V. F. Bur'ianov, I. K. Antsyferov. Stal' 16 no. 9:863 S '56.

Utilization of mechanized coolers in section rolling mills. I. A. Lipovetskii and others. Stal' 16 no. 9:798-802 S '56.

ROLLING MILLS—ELECTRIC DRIVING
Conference on methods for improving the reliability of electric machines for rolling mills. S. Loshkov. Vest. elektroprom. 27 no. 4:76-77 Ap '56.

ROLLS (IRON MILLS)
Calculating universal system grooves for rolling round sections. A. P. Chekmarev, V. D. Chekhranov. Trudy Inst. chern. met. AN URSR no. 10:3-25 '56.

Efficient pass designing for rolling round sections on small section mills. A. P. Chekmarev, V. I. Meleshko. Trudy Inst. chern. met. AN URSR no. 10:44-63 '56.

Roll pass design and reduction system in cogging on blooming mills. A. P. Chekmarev, V. D. Chekhranov. Trudy Inst. chern. met. AN URSR no. 10:26-43 '56.

ROME—AUTOMOBILE INDUSTRY—CONGRESSES
Sixth Congress of the International Federation of Automobile Construction Engineering Societies. D. P. Velikanov. Vest. AN SSSR 26 no. 10:80-81 O '56.

ROME—ELECTRONICS—CONGRESSES
New electronic appliances. Nauka i zhizn' 23 no. 10:32 O '56.

Third international congress on atomic energy, radioelectronics, and motion picture engineering. V. I. Siforov. Vest. AN SSSR 26 no. 10:77-78 O '56.

ROME—GEODESY—CONGRESSES
Recommendations on geodetic problems adopted at the Tenth General Congress of the International Union of Geodesy and Geophysics. Geod. i kart. no. 7:65-72 S '56.

ROME—HISTORY
"Ancient Rome"; book of readings. Reviewed by A. G. Bokshchanin. Prep. ist. v shkole 11 no. 5:108-111 S-O '56.

ROME—LAND TENURE

Agrarian question in democratic and conservative literature during the last decades of the Roman Republic. M. Erivanskii. Uch. zap. AGU no. 9:127-135 '55.

Agrarian question in Rome during the Civil War in the forties and thirties of the first century B. C. M. M. Erivanskii. Uch. zap. AGU no. 4:39-51 '56.

ROOFING—COLD WEATHER CONDITIONS

Roofwork under cold weather conditions. S. K. Noskov. Nov. tekh. i pered. op. v strol. 18 no. 10:15-16 O '56.

ROOFING, IRON AND STEEL

Prolonging the life of steel roofs. A. Babanov. Zhil.-kom. khoz. 6 no. 5:11-13 '56.

ROOT CROPS

Agapov, S.P. [Root crops for table use] Stolovye korneplody. Izd. 2-oe, dop. i ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 300 p.
(DA)

ROOTS (BOTANY)

Distribution of the root system of plants as affected by tillage and fertilizers. L. V. Mosolova. Zemledelie 4 no. 10:46-48 O '56.

Root systems of stocks of Chinese lemon plants. A. A. Ivanovskaia. Dokl. AN SSSR 109 no. 6:1206-1209 Ag '56.

Sectional heterogeneity of root systems. G. D. IArostovtsev. Biul. Glav. bot. sada no. 24:71-73 '56.

Some physiological characteristics of oak seedlings grown under conditions of root competition. V. G. Karpov. Bot. zhur. 41 no. 9:1263-1272 S '56.

Sveshnikova, V. M. [Root systems of Pamir plants] Kornevye sistemy rastenii Pamira. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1952. 120 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, vol. 4)

ROOTS OF EQUATIONS see Equations, Roots of

ROSE HIPS

Corrosive effect of the wild rose. M. L. Frumkin. Nauka i zhizn' 23 no. 10:63 O '56.

ROSES—DISEASES AND PESTS

Fungus "burns" of roses. A. S. Listina. Biul. Glav. bot. sada no. 24:95-96 '56.

ROSSINI, GIOACCHINO ANTONIO, 1792-1868

Unknown pieces by Rossini. L. Solovtsova. Sov. muz. 20 no. 9:149-152 S '56.

ROSTOV-ON-DON—AGRICULTURAL MACHINERY

Use in production of suggestions of innovators and inventors at the "Rostsel'mash" Factory. V. Mishchenko, K. Strebkov. Plan. khoz. no. 4:74-77 '56.

ROSTOV-ON-DON—CHESS—TOURNAMENTS

Junior team championships. S. Petrov. Shakh. v SSSR 33 no. 10:316-317 O '56.

ROSTOV-ON-DON—COMMUNITY CENTERS

Work account of the club. S. Aidaikin. Klub 6 no. 10: 19 O '56.

ROSTOV-ON-DON—RUSSIAN NEWSPAPERS

Councils of active workers in editorial sections of newspapers. A. Suichmezov. Sov. pech. no. 10:20-22 O '56.

ROSTOV PROVINCE—AGRICULTURE

Rudakov, I. I. [Great opening theme] Bol'shoi zapev. Rostov-na-Donu, Rostovskoe kn-vo, 1953. 27 p. (Biblioteka kolkhoznika)
(CU)

ROSTOV PROVINCE—BRUCELLOSIS

Result of activities of the Rostov Brucellosis Central Station in the prevention and control of Brucellosis. Z. A. Rozova. Zhur. mikrobiol. epid. i immun. 27 no. 10:91-96 O '56.

ROSTOV PROVINCE—CORN (MAIZE)

Conference of Rostov Province corn growers. Kukuruza 1 no. 4:20 Jl '56.

ROSTOV PROVINCE—SCHOOL GARDENS

Comrade Harvest. V. Litvinov. IUn. nat. no. 7:10-12 O '56.

ROSTOV PROVINCE—SOILS

Plan for zoning soils of Rostov Province according to agricultural use [with French summary in insert]. F. IA. Gavriliuk. Pochvovedenie no. 7:92-101 Jl '56.

ROSTOV PROVINCE—VEGETABLE GARDENING

Khokhlachev, F. N., and L. V. Grechanyi. [Don valley flood lands; practice of vegetable growers] V donskom zaimishche; opyt ovoshchevodov. Rostov na-Donu, Rostovskoe obl. kn-vo, 1951. 68 p. (Bibliotechka kolkhoznika)
(CU)

ROSTROPOVICH, MSTISLAV

The foreign press on M. Rostropovich's concerts. Sov. muz. 20 no. 9:142-144 S '56.

ROTATING AMPLIFIERS

Transfer function of an amplidyne. L. P. Shiniherov. Elektrichestvo no. 10:40-44 O '56.

Transient processes in self-excited two-stage amplidynes. V. F. Baiko, A. A. Vavilov. Elektrichestvo no. 10:35-39 O '56.

ROTATION OF CROPS

(see also subdivision under Uzbekistan)

Corn as a crop to precede hemp. K. L. Alpatova. Len i konop. no. 6:24-25 Ag '56.

Corn in field crop rotations. I. S. Godulian. Kukuruza 1 no. 4:25-27 Jl '56.

Efficiently solve the problems of crop rotations and use of land. V. P. Tomilov. Zemledelie 4 no. 10:91-95 O '56.

[Green fallows and row crops to precede winter crops] Zaniatye pary i neparovye predshestvennikil sbornik statei. Pod red. K. P. Klokova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 159 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

Necessity for a basic re-evaluation of the role of crop rotations. V. R. Guliaev. Sel'khoz. Povol. no. 9:21-23 S '56.

Southern hemp in crop rotations. N. S. Val'ko. Len i konop. no. 7:21-23 S '56.

ROTORS—WELDING

Welding of austenite steel rotors. K. V. Liubavskii, V. A. Toropov. Metalloved. i obr. met. no. 10:52-56 O '56.

ROWING

Excellent technique for strong rowers. A. Shvedov. Fizk. i sport 26 no. 10:12 '56.

RUBBER

Mutual solubility of polymers. Part I. Physicomechanical properties of vulcanized rubbers obtained from combinations of various rubber hydrocarbons [with English summary in insert]. N. F. Komskaia, G. L. Slonimskaia. Zhur. fiz. khim. 30 no. 7:1529-1536 Jl '56.

Rubber mixtures for repairing and uniting cables with rubber insulation. V. A. Kashin, E. B. IAntovskaia. Vest. elektroprom. 27 no. 4:65-69 Ap '56.

Some problems on the external friction of rubber. G. M. Bartenev. Koll. zhur. 18 no. 5:626-631 S-O '56.

Sorption of binary solutions by natural and synthetic rubber vulcanizates. Part I. Apparent sorption isotherms [with English summary in insert]. G. L. Starobinets. Zhur. fiz. khim. 30 no. 7:1626-1635 Jl '56.

RUBBER, SYNTHETIC

Influence of the chemical nature of carbon black on the properties of thermovulcanizates of the divinylstyrene polymers. N. N. Lezhnev, A. S. Kuz'minskii. Dokl. AN SSSR 110 no. 1:108-111 S-O '56.

Oil rubbers and their technical characteristics. A. E. Kalaus and others. Khim. prom. no. 5:267-270 Jl-Ag '56.

RUBBER INDUSTRY—ACCOUNTING

Production accounting and calculation of the cost of production in continuous production processes. Kh. Akhmedin, I. P'ianov. Bukhg. uchet 15 no. 9:24-27 S '56.

RUBTSOVA, OL'GA

Ol'ga Rubtsova, world champion. Ogonek 34 no. 40: 30 S '56.

RUMANIA—AGRICULTURE

In the Rumanian People's Republic. Aleksandru Rumanovich. Priroda 45 no. 10:63-65 O '56.

RUMANIA—APARTMENT HOUSES

Standard planning of apartment houses and public buildings in the Rumanian People's Republic. I. Sil'van, A. Solomon. Arkhit. SSSR no. 11:45-50 '56.

RUMANIA—CLINKER BRICKS

Manufacture of forsterite clinkers in rotary kilns. V. I. Sinianskii, L. E. Solomon, A. S. Bertseller. Ogneupory 21 no. 6:280-285 '56.

RUMANIA—CORN (MAIZE)

Corn growing in the Rumanian People's Republic. Nicolae Zamfirescu. Kukuruza 1 no. 4:51-59 Jl '56.

RUMANIA—LAW

Academic sessions of law institutes and departments of the Rumanian People's Republic. A. V. Sov. gos. i pravo no. 7:146-148 '56.

RUMANIA—LAW—PERIODICALS

The Rumanian law journal "Justitia nouă" [New justice]. A. V. Mitskevich. Sov. gos. i pravo no. 8:147-151 '56.

RUMANIA—LEGISLATIVE BODIES

Highest organ of state authority in the Rumanian People's Republic. O Oltianu, I. Benditer. Sov. gos. i pravo no. 7:53-60 '56.

RUMANIA—MATHEMATICS

Mathematical studies in Rumania. S. Stoilov. Usp. mat. nauk 11 no. 4:207-225 Jl-Ag '56.

RUMANIA—MILITARY EDUCATION

Mass organization of Rumanian patriots. [illegible] Voen. znan. 31 no. 8:19 Ag '56.

RUMANIA—MUSIC—PERIODICALS

In music journals. Sov. muz. 20 no. 10:143-145 O '56.

RUMANIA—PRICES

Features of wholesale price formation in the Rumanian People's Republic. Radu Manescu. Fin. SSSR 17 no. 10:30-42 O '56.

RUMANIA—PUBLIC BUILDINGS

Standard planning of apartment houses and public buildings in the Rumanian People's Republic. I. Sil'van, A. Solomon. Arkhit. SSSR no. 11:45-50 '56.

RUMANIA—SHEEP BREEDING

Golden fleece. Alecu Flegon. Mol. kolkh. 21 no. 7:21-23 S '56.

RUMANIA—WATER, UNDERGROUND

Accumulation of salts in ground waters of the [illegible] eastern part of the Rumanian Plain [area between the Bazau River and the Calmatuin Valley] [with English summary in insert]. N. Florea. Pochvovedenie no. 7:11-17 Jl '56.

RUMINATION

Digestion in the rumen of ruminants. G. A. [illegible] T. P. Chernik. Uch. zap. mosk. biol. 43 no. [illegible] '56.

RUNNING

How to train to become a track athlete of the first category; weekly training cycles for 5000- and 10000-meter runners. Leg. atl. no. 10:13-15 '56.

Remarks on Ш. I. Mohamed's article "Migration of [illegible] cytes to the oral cavity during immersion in water." Teor. i prak. fiz. kul't. 19 no. 10:787-788 '56.

Run cross-country races. F. Vasin. Leg. atl. no. 15-16 O '56.

Ten thousand meters. V. Kuts. Ogonek 34 no. 41: 20 O '56.

RUNOFF

Effect of ice crust on the runoff of snow melt waters. P. A. Uryvaev. Meteor. i gidrol. no. 6:38-41 '56.

RUPTURE see Hernia

RURAL CONDITIONS

Let's be frank. Mol. kolkh. 23 no. 10:19-20 '56.

RURAL ELECTRIFICATION

The mechanics of rural electrification. Prof. [illegible] 13 no. 10:13 O '56.

[Rural electrification] Sel'skaia elektrifikatsiia. [Materials] Moskovskii rabochii, 1956. 133 p.

RURAL LIFE see subdivision 'Farm life' under Kansas

RURAL WATER SUPPLY see Water supply, Rural

RUSSIA

Calendar of events. Obz. vazhn. sob. SSSR 3 no. 33: 44-49 O '56.

RUSSIA—AGRICULTURAL POLICY

Abramov, B.A. [Organizational work of the Party in carrying out the Lenin cooperative plan] Organizatorskaia rabota partii po osushchestvleniiu leninskogo kooperativnogo plana. Moskva, Gos. izd-vo polit. lit-ry, 1956. 163 p.

RUSSIA—AIR FORCE

Created by the Soviet people. Vest. Vozd. Fl. 39 no. 6: 3-6 Je '56.

RUSSIA—AIR FORCE—HISTORY

V. I. Lenin and the development of aviation in the first years of the Soviet Government. I. F. Shipilov. Vest. Vozd. Fl. 39 no. 6:9-20 Je '56.

RUSSIA—ARMED FORCES

[Heroic deeds of Soviet soldiers for the glory of the motherland] Geroicheskie podvigi sovetskikh voinov vo slavu rodiny, Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 80 l. (In portfolio)

Military service is an honorable duty; discussion with S. M. Budennyi, marshall of the Soviet Union. Voen. znan. 31 no. 9:1 S '56.

Ways of solving the problems of "equality and quality" in the Soviet armed forces. N. IA. Galai. Obz. vazhn. sob. SSSR 3 no. 33:1-20 O '56.

RUSSIA—ARMED FORCES—BIBLIOGRAPHY see Bibliography—Russia—Armed forces

RUSSIA—ARMED FORCES—DRILL AND TACTICS

Russia (1923- U. S. S. R.) Ministerstvo oborony. [Drill regulations of the armed forces of the Soviet Union, with amendments and supplements, announced by orders of Ministry of Defence of the U. S. S. R., nos. 132 (1950) and 4 and 33 (1955)] Stroevoi ustav Vooruzhennykh Sil SSSR. S izmeneniiami i dop., ob"iavlennymi prikazami Ministra Oborony SSSR No. 132 ot 1950 g. i No. 4 i 33 ot 1955 g. Moskva, 1955. 192 p.

RUSSIA—ARMED FORCES—PICTORIAL WORKS

[The Soviet army and navy in the works of battle artists in the M. B. Grekov studio; paintings, sculptures, drawings] Sovetskaia armiia i flot v proizvedeniiakh voennykh khudozhnikov studii imeni M. B. Grekova; zhivopis' - skul'ptura - grafika. [Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956.] 35 plates (in portfolio)

RUSSIA—ARMY

Appeal of Polish democrats to Russian soldiers. I. I. Kostiushko. Krat. soob. Inst. slav. no. 19:70-83 '56.

Historical significance of the liberation of Czechoslovakia by the Soviet Army. J. Macek. Krat. soob. Inst. slav. no. 19:8-16 '56.

RUSSIA—ARMY—ARTILLERY

Artillery Day. A. Blokhin. Blok. agit. no. 31:24-30 N '56.

RUSSIA—ARMY—FIELD ARTILLERY

Everyday life in "Kolkan." V. Shumov. Ogonek 34 no. 47:8 N '56.

RUSSIA—ARMY—FLAGS

History of a flag. M. Pevzner. Ogonek 34 no. 44:9 O '56.

RUSSIA—ARMY—HISTORY

The 1831 uprising of the Novgorod military farming settlements. V. A. Fedorov. Prep. ist. v shkole 11 no. 5:26-32 S-O '56.

RUSSIA—ARMY—RECRUITING, ENLISTMENT, ETC.

Draftees have arrived to the regiment. P. Semichev. Voen. znan. 31 no. 9:2-3 S '56.

RUSSIA—ARMY—SIGNAL CORPS

Signal communication troops. I. Bulychev. Voen. znan. 31 no. 9:12-13 S '56.

RUSSIA—COMMERCE—ACCOUNTING

New account plan in state trade. A. Anisov. Bukhg. uchet 16 no. 9:45-46 S '56.

RUSSIA—CONSTITUTION

Constitution of the Soviet people. V. Ivanov. Blok. agit. no. 32:1-12 N '56.

RUSSIA—CULTURE

Cultural development in the sixth five-year plan. M. Khachaturov. Otv. na vop. trud. no. 7:8-18 '56.

U. S. S. R. is a country of advanced culture; a sketch. O. Fedosenko. Pionerita 33 no. 10:4-5 O '56.

RUSSIA—DESCRIPTION AND TRAVEL—GUIDEBOOKS

A reference book for tourists should be published. I. Brun, G. Karaimov. Sov. knizh. torg. no. 8:20 Ag '56.

RUSSIA—ECONOMIC CONDITIONS

Constitution of our country. Blok. agit. ved. transp. no. 20:1-9 O '56.

Facts and figures. Znamia 26 no. 10:116-121 O '56.

The great land of socialism is growing and becoming stronger. Blok. agit. no. 32:13-16 N '56.

Khrushchev, N. S. [Speech at the Moscow builders' celebration dedicated to Builder's Day and the opening of the Central Lenin Stadium on July 31 1956] Rech' na prazdnike moskovskikh stroitelei, posviashchennom dniu stroitelia i otkrytiiu TSentral'nogo stadiona imeni V. I. Lenina, 31 iiulia 1956 g. Moskva, Gospolitizdat, 1956. 15 p. (DS)

Relay race of generations. Vsevolod Kochetov. Smena 33 no. 20:1-2 O '56.

RUSSIA—ECONOMIC CONDITIONS—BIBLIOGRAPHY see Bibliography—Russia—Economic conditions

RUSSIA—ECONOMIC POLICY

Creating a balanced distribution of materials in the national economic plan. IU. Koldomasov. Plan. khoz. no. 4:31-44 '56.

Development of industrial resources of the U. S. S. R. in the sixth five-year plan. A. Polezhaev. Vest. Inst. po izuch. SSSR no. 3:31-55 Jl-S '56.

"Economy of the U. S. S. R." [in French] by Pierre George and "Planned economy" [in French] by Jean Romeuf. Reviewed by Vsevolod Golubnichii. Vest. Inst. po izuch. SSSR no. 3:121-125 Jl-S '56.

Ioffe, IA. A. [The principle economic task of the Soviet Union] Ob osnovnoi ekonomicheskoi zadache Sovetskogo Soiuza. Moskva, Gos. izd-vo polit. lit-ry, 1956. 82 p. (Populiarnaia bibliotechka po marksizmu-leninizmu)

Lovin, B.M. [All-out development of heavy industry is the general line of the Communist Party of the Soviet Union] Vsemernoe razvitie tiazheloi industrii - general'naia linila KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1956. 109 p.

Location of productive forces of the U. S. S. R. in the sixth five-year plan. IA. Feigin. Kommunist 33 no. 14:33-46 S '56.

Pages from the past. E. A. Bekov. Neftianik 1 no. 7 32-33 Jl '56.

Planning the economy of the union republics. S. Pinaev. Plan. khoz. no. 4:55-68 '56.

Soviet science in the sixth-five-year plan. A. V. Topchiev. Sov. mor. 16 no. 9:2-3 My '56.

What are the prospects for the development of the national economy in the eastern and northern regions of our country. IA. Chadaev. Otv. na vop. trud. no. 7:1: 3-7 '56.

RUSSIA—ECONOMIC POLICY—BIBLIOGRAPHY see Bibliography—Russia—Economic policy

RUSSIA—FOREIGN ECONOMIC RELATIONS—AFGHANISTAN

Interview with Mohammed Daoud, Prime Minister of Afghanistan. Nov. vrem. 14 no. 45:20 N '56.

RUSSIA—FOREIGN ECONOMIC RELATIONS—CHINA

The scientific and technical collaboration between the Soviet Union and the Chinese People's Republic. I. A. Lysenko. Krat. soob. Inst. vost. no. 21:3-14 '56.

RUSSIA—FOREIGN ECONOMIC RELATIONS—INDIA

First Russian ambassadors to India. H. Kurylenko. Ukraina no. 18:15 S '56.

RUSSIA—FOREIGN RELATIONS

For international peace and cooperation. Nov. vrem. 14 no. 45:3-4 N '56.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

Friendship that has stood the test of time. Sov. Soiuz no. 11:4 N '56.

Soviet-Afghan communique. Nov. vrem. 14 no. 46: insert:2 N '56.

RUSSIA—FOREIGN RELATIONS—BELGIUM

Soviet-Belgian communique. Nov. vrem. 14 no. 46: insert:3-4 N '56.

RUSSIA—FOREIGN RELATIONS—BIBLIOGRAPHY see Bibliography—Russia—Foreign relations

RUSSIA—FOREIGN RELATIONS—EUROPE, EASTERN

Declaration of the government of the U. S. S. R. on principles for further developing and strengthening friendship and cooperation between the Soviet Union and other socialist countries. Nov. vrem. 14 no. 45: 1-2 N '56.

RUSSIA—FOREIGN RELATIONS—INDONESIA

Bright demonstration of friendship. Fizk. i sport 26 no. 10:1 '56.

RUSSIA—FOREIGN RELATIONS—ITALY

Interview with Italian public figures. Nov. vrem. 14 no. 45:11-12 N '56.

RUSSIA—FOREIGN RELATIONS—JAPAN

Joint declaration of the U. S. S. R. and Japan. Nov. vrem. 14 no. 44:insert:1-2 O '56.

Normalization of Soviet-Japanese relations. Sov. Soiuz no. 11:3 N '56.

Success of the Soviet-Japanese negotiations. Nov. vrem. 14 no. 44:1-2 O '56.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

N. A. Bulganin's message to D. Eisenhower. Nov. vrem. 14 no. 44:insert:3-4 O '56.

RUSSIA—HISTORY

Grekov, B. D. [Historical notes] Istoricheskie zapiski. [Moskva] Izd-vo Akademii nauk SSSR, 1946. 201 p. (OCI)

The "oprichnina" during the reign of Ivan the IV. V. N. Shevinkov. Vop. ist. no. 9:71-77 S '56.

RUSSIA—HISTORY—BIBLIOGRAPHY see Bibliography—Russia—History

RUSSIA—HISTORY—PHILOSOPHY

Throwing light on the role of the masses and the individual in the historical process in a school history course. A. A. Vagin. Prep. ist. v shkole 11 no. 5:58-76 S-O '56.

RUSSIA—HISTORY—SOURCES

Charter on the orphans of Terpilova District as a source for the history of Moscow-Novgorod relations in the 14th and 15th centuries. I. M. Liudin. Probl. istoch. no. 5:205-209 '56.

The daily notes of Prince A. D. Menshikov; study of materials in the Menshikov Archives. A. P. Glagoleva. Probl. istoch. no. 5:159-183 '56.

Historical source for Soviet agrarian policy in 1917 and 1918. I. I. Varzhe. Probl. istoch. no. 5:5-20 '56.

The industrial censuses of 1920-1923 as a historical source. M. N. Chernomorskii. Probl. istoch. no. 5: 21-43 '56.

"Problems in the study of historical sources," vol. 4. Reviewed by A. T. Nikolaeva. Vop. ist. no. 9:169-171 S '56.

Survey of the Voronisov family collection preserved in the archives of the Leningrad Section of the Historical Institute of the Academy of Sciences of the U. S. S. R. V. A. Petrov. Probl. istoch. no. 5:102-145 '56.

RUSSIA—HISTORY—STUDY AND TEACHING

History teachers' association for the study of methods. Sred. spets. obr. no. 10:55 O '56.

Improve the study of history. M. S. Vasil'eva. Nach. shkola 24 no. 11:27-30 N '56.

RUSSIA—HISTORY, MILITARY

Military calendar. Voen. znan. 31 no. 8:32 Ag '56.

Military calendar. Voen. znan. 31 no. 9:32 S '56.

RUSSIA—INDUSTRIES

"The economics of Soviet industry"; a textbook. Reviewed by M. Fil'chenkov. Mosk. prop. 13 no. 9:76-79 S '56.

From readers' letters and suggestions. Plan. khoz. no. 4:93-96 '56.

Maksarev, IU. E. [The most advanced technology is the basis for improving socialist production] Vysshaia tekhnika - osnova sovershenstvovaniia sotsialisticheskogo proizvodstva. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no. 32)

RUSSIA—MANUFACTURES

At the All-Union Industrial Exhibition. A. M. Vilenkina. Leg. prom. 16 no. 9:13-16 S '56.

Cooperation between trade and industry. M. Darbinian. Sov. torg. no. 9:7-11 S '56.

Steady lowering of production costs. Leg. prom. 16 no. 9:1-3 S '56.

RUSSIA—NAVY

High-class specialists. Sov. mor. 16 no. 9:4-5 My '56.

This is the ship's radio center! D. Korolev. Sov. mor. 16 no. 9:22 My '56.

RUSSIA—NAVY—SIGNALING

Communication and observation on ships. N. Puzanov. Voen. znan. 31 no. 8:16-17 Ag '56.

RUSSIA—POLITICS AND GOVERNMENT

The all-conquering force of socialism. Nov. vrem. 14 no. 46:1-3 N '56.

[Gazette of the Supreme Soviet of the U. S. S. R.] Vedomosti Verkhovnogo Soveta SSSR 19 no. 24 D '56.

[Gazette of the Supreme Soviet of the U. S. S. R.] Vedomosti Verkhovnogo Soveta SSSR 20 no. 1 Ja '57.

In a new stage. Vest. elektroprom. 27 no. 3:1-2 Mr '56.

Lenin, V. I. [Report on peace at the Second All-Russian Congress of Soviets of Workers' and Soldiers' Deputies, October 26 (November 8) 1917. On the internal and foreign policy of the Republic; a report to the All-Russian Central Executive Committee and the Council of People's Commissars at the Ninth All-Russian Congress of Soviets, December 23, 1921] Doklad o mire na vtorom Vserossiiskom s"ezde Sovetov rabochikh i soldatskikh deputatov, 26 oktiabria (8 noiabria) 1917 g. O vnutrennei i vneshnei politike respubliki; otchet VTsIK i SNK IX Vserossiiskomu s"ezdu Sovetov, 23 dekabria 1921 g. Moskva, Gos. izd-vo polit. lit-ry, 1956. 264 p.

Living force of the ideas of the Great October Socialist Revolution. Nach. shkola 24 no. 11:1-5 N '56.

Participation of workers in the struggle of the Central Control Committee-Peasant and Workers' Inspection Board to improve the state apparatus. V. V. Suchkov. Sov. gos. i pravo no. 7:25-37 '56.

Under the banner of Leninism. Mosk. prop. 13 no. 10: 3-8 O '56.

RUSSIA—POPULATION

Population dynamics of the Soviet Union. IU. P. Mironenko. Obz. vazhn. sob. SSSR 3 no. 98:21-36 O '56.

RUSSIA—RELATIONS (GENERAL) WITH AFGHANISTAN

Afghan guests in the U. S. S. R. Ogonek 34 no. 44:3 O '56.

RUSSIA—RELATIONS (GENERAL) WITH BELGIUM

Agreement on cultural cooperation between the U.S.S.R. and Belgium. Nov. vrem. 14 no. 45:insert:2 N '56.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

In the people's Bulgaria. M. Gubel'man. Nov. vrem. 14 no. 46:22-25 N '56.

RUSSIA—RELATIONS (GENERAL) WITH CANADA

Become acquainted and make friends with each other. A. A. Ishkov. Ogonek 34 no. 41:3 O '56.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

Guests of friends. B. Sharovatov. Mast. ugl. 5 no. 8: 24a-26 Ag '56.

Helping hands of friends. A. Shloma. Rabotnitsa 34 no. 11:24 N '56.

Under the badge of friendship. A. Salutskii. Leg. atl. no. 10:24-25 O '56.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Message from Czechoslovak librarians. Bibliotekar' no. 11:31 N '56.

RUSSIA—RELATIONS (GENERAL) WITH EGYPT

Egyptian sailors in Odessa. I. Kosinskii. Sov. Ukr. 6 no. 10:189-190 O '56.

Our interviews. Sots. obesp. 17 no. 10:62 O '56.

RUSSIAN LANGUAGE—ORTHOGRAPHY AND SPELLING (Continued)

Spelling faults of first-grade pupils. L. F. Spirova. Nach. shkola 24 no. 10:20-23 O '56.

RUSSIAN LANGUAGE—PUNCTUATION

Bylinskii, K.I., ed. [Exercise book in the modern Russian literary language] Praktikum po sovremennomu russkomu i literaturnomu iazyku. [Moskva] Izd-vo Moskovskogo univ.
Vol. 2. [Punctuation] Punktuatsiia. 1956. 133 p.

RUSSIAN LANGUAGE—SENTENCES

Special course on the syntax of a complex sentence. M. P. IAkubovich. Uch. zap. Ped. inst. Gerts. 124:181-206 '56.

RUSSIAN LANGUAGE—STUDY AND TEACHING (see also subdivision under Japan; Verkhne-Vilyuysk District)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Nauchno issledovatel'skii institut pedagogiki, Leningrad. [Problems in methods of teaching Russian in classes 5-7; a collection of articles] Voprosy metodiki prepodavaniia russkogo iazyka v V-VII klassakh; sbornik statei. Pod red. N.A.Dubleevoi. Moskva, 1956.

Conducting the course "Modern Russian literary language" in relation to the professional educational training of the students. A. G. Rudnev. Uch. zap. Ped. inst. Gerts. 124:43-62 '56.

Function of a Russian language room. O. A. Vil'gel'minina. Uch. zap. Ped. inst. Gerts. 124:251-260 '56.

Gnezdilov, M. F. [Practical grammatical exercises for lower grades in auxiliary schools; teacher's manual] Prakticheskie grammaticheskie upraznheniia v mladshikh klassakh vspomogatel'noi shkoly; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 167 p.

Malakshinov, P. I. [Studying the Russian simple sentence in Buryat-Mongolian schools (class 7)] Izuchenie russkogo prostogo predlozhenila v buriat-mongol'skoi shkole (VII klass). Pod red. E. I. Koronevskogo. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 131 p. (Pedagogicheskaia biblioteka uchitelia)

Methods in a special seminar on the Russian language. I. V. Ustinov. Uch. zap. MGPI 89:121-133 '56.

Practical project methods in the study of modern Russian. L. V. Nikolenko. Uch. zap. MGPI 89:95-101 '56.

Razumovskaia, M.K. [Dictionary work for classes 5-7; a teacher's practical experience] Slovarnaia rabota v 5-7 klassakh; iz opyta raboty uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 106 p.

Smirnova, V. N. [Review of grammar and orthography with the use of visual aids in classes 5 and 6; a teacher's experience] Povtorenie grammatiki i orfografii s ispol'zovaniem nagliadnosti 5-6 klassy; iz opyta uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 151 p.

Tiurina, K. F. [Russian language lesson plans for the fourth grade of the elementary school] Pourochnye razrabotki po russkomu iazyku; dlia IV klassa nachal'noi shkoly. Izd. 2-oe, dop. i perer. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 139 p.

RUSSIAN LANGUAGE—TENSE

The relationship of time and tense. G. M. Milelkovskaia. Vop. iaz. 5 no. 5:75-79 S-O '56.

Tense of the verb in Russian and Azerbaijani. D. Ibragimov. Uch. zap. AGU no. 6:91-99 '55.

Use of tenses in M. V. Lomonosov's historical works. M. V. Mirzoeva. Uch. zap. AGU no. 9:67-79 '55.

RUSSIAN LANGUAGE—TERMS AND PHRASES

Adverbs used with preposition and noun to form a combination functioning as a dependent word. K. I. Kut'ina. Uch. zap. MGPI 89:69-78 '56.

RUSSIAN LANGUAGE—WORD FORMATION

History of Russian word formation. E. A. Vasilevskaia. Uch. zap. MGPI 89:35-47 '56.

Root words; based on noun material. M. A. Sokolova. Uch. zap. Len. un. no. 198:225-233 '56.

RUSSIAN LANGUAGE—WORDS—HISTORY

Why we speak as we do. I. Urazov. Ogonek 34 no. 44: 32 O '56.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Akademiia nauk SSSR. Institut literatury. [History of Russian literature] Istoriia russkoi literatury. Moskva, 1941-1947.
Vol. 3.
Vol. 4.
(CaOTO)

Akademiia nauk SSSR. Institut russkoi literatury. [History of Russian literature] Istoriia russkoi literatury. Glav. red. M. P. Alekseev i dr. Moskva.
Vol. 9. [Literature of the 1870 and 1880's] Literatura 70-80kh godov. Red. kollegiia toma B. I. Bursov i dr.
Pt. 1. 1956. 531 p.

Brief news of literature and art. Sov. Kazakh. 22 no. 8: 125 Ag '56.

Character and environment. A. El'iashevich. Neva no. 10:175-180 O '56.

An 18th-19th century secular book in manuscript from A. A. Titov's collection. N. N. Rozov. Sbor. [Len.] publ. bibl. no. 2:127-146 '54.

[Literary heritage] Literaturnoe nasledstvo. Red. V.V. Vinogradov i dr. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 60, pt. 2. [The Decembrists as men of letters]
Book 1. 1956. 670 p.
Book 2. 1956. 459 p.

Literature of their native region ("Novgorod," no. 3. Reviewed by M. Karpovich). Neva no. 10:195 O '56.

Living threads of the times. V. Ozerov. Znamia 26 no. 10:160-169 O '56.

Miasnikov, A. S. [The study of Russian literature of the 18th-20th centuries in the U. S. S. R. during the past ten years] Izuchenie russkoi literatury XVIII-XX vv. v SSSR za poslednie desiat' let. Moskva, Izd-vo Akademii nauk SSSR, 1955. 56 p.
(MH)

Notes on the craftsmanship of the storyteller. I. Zolotusskii. Dal', vost. 24 no. 4:171-180 Jl-Ag '56.

Our sketch as a genre. Sergei Dikovskii. Nash. sovr. 3:216-229 '56.

Reading collections of stories. D. Bregova. Druzh. nar. no. 10:170-177 O '56.

A review of the "Sovetskoe Primor'ye" almanac. L. Levin. Znamia 26 no. 11:193-201 N '56.

Russian revolutionary democrats as predecessors of social democracy in Russia [in Azerbaijani with summary in Russian]. I. A. Rustamov. Uch. zap. AGU no. 8:81-94 '55.

Smirnova, Vera. [Literature and the theater; articles] O literature i teatre; stat'i. Moskva, Sovetskii pisatel', 1956. 407 p.

Survey of historical and literary archival materials from the 18th-20th centuries accessioned by the Manuscript Division of the Institute of Russian Literature (Pushkin House) during 1952-1954. L. M. Dobrovol'skii, M. I. Malova. Biul. Ruk. otd. Push. doma no. 6: 103-107 '56.

Survey of Old Russian manuscripts accessioned by the Manuscript Division of the Institute of Russian Literature (Pushkin House) during 1952-1954. V. I. Malyshev. Biul. Ruk. otd. Push. doma no. 6:99-103 '56.

Words and images. Ivan Astakhov. Al'm. Mol. gvard. 17:293-310 '56.

RUSSIAN LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Russian literature—History and criticism

RUSSIAN LITERATURE—STUDY AND TEACHING

[Gor'kii and the problems of Soviet literature; a collection of articles] Gor'kii i voprosy sovetskoi literatury; sbornik statei. Leningrad, Sovetskii pisatel', 1956. 482 p.

RUSSIAN NEWSPAPERS (see also subdivision under Adamovka District; Kiev; Rostov-on-Don)

Correspondence with readers. Sov. pech. no. 10:57 O '56.

History of the vocabulary of manuscript copies of "Vedomosti" at the end of the 17th century. I. S. Khaustova. Uch. zap. Len. un. no. 198:51-95 '56.

In step with the factory collective. L. Lazarev. Sots. trud. no. 4:121-127 Ap '56.

Letters to the editor. Sov. pech. no. 10:54-56 O '56.

Matrixes were delivered by plan. G. Sagal. Sov. pech. no. 10:38-39 O '56.

Ol'minskii, M. S. [From the era of "Zvezda" and "Pravda"; articles of 1911-1914] Iz epokhi "Zvezdy" i "Pravdy"; stat'i 1911-1914 gg. Moskva, Gos. izd-vo polit. lit-ry, 1956. 160 p.

Sunday issue of the newspaper. P. Lysov. Mol. komm. 14 no. 10:121 O '56.

RUSSIAN NEWSPAPERS—SECTIONS, COLUMNS, ETC. see subdivision under Novosibirsk

RUSSIAN NUMISMATICS see Numismatics, Russian

RUSSIAN PERIODICALS

"Magazines on cultural and educational work." Part. zhizn' no. 16:80 S '56.

Our practice in organizing readers' conferences. V. Emmanuilov. Raspr. pech. no. 9:6-7 S '56.

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei no. 49 '56.

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei: dopolnitel'nyi vypusk, July-Sep. 1956; vspomogatel'nye ukazateli, Jan.-Dec. 1955 '56.

Letters to the editor. Sov. pech. no. 10:54-56 O '56.

RUSSIAN PHILOLOGY—STUDY AND TEACHING

Russian language and literature room. O. P. Rabin. Sred. spets. obr. no. 11:37-43 N '55.

RUSSIAN PLATFORM—CLAY

Occurrence of clay minerals in upper Givetian and lower Shchigry deposits of the Russian Platform. M. A. Rateev. Vop. min. osad. obr. 3/4:589-612 '56.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

An attempt to compile an outline of stratigraphic correlations between the Pre-Cambrian rocks of the Russian platform and the Urals. E. E. Fotiadi. Dokl. AN SSSR 109 no. 6:1194-1196 Ag '56.

Correlation of Miocene mineral deposits of the southwestern part of the Russian Platform to stratigraphic horizons and their facies. L. N. Kudrin. Vop. min. osad. obr. 3/4:266-276 '56.

RUSSIAN PLATFORM—HOEGBOMITE

Hoegbomite from the lower Tortonian sandstone of the southwestern outskirts of the Russian Platform. D. P. Bobrovnik. Vop. min. osad. obr. 2: 215-216 '55.

RUSSIAN PLATFORM—MINERALOGY

Correlation of Miocene mineral deposits of the southwestern part of the Russian Platform to stratigraphic horizons and their facies. L. N. Kudrin. Vop. min. osad. obr. 3/4:266-276 '56.

RUSSIAN PLATFORM—VIRIDINE

Viridine in Miocene deposits of the southwestern part of the Russian Platform. A. I. Shainiuk. Vop. min. osad. obr. 2: 217-218 '55.

RUSSIAN POETRY—COLLECTION

Neveroff, E. ed. [Russian poets] Russkie poety. Les poètes russes (morceaux choisis) ... Bruxelles, Imprimerie E. Geleznikoff, 1945. 84 p.

RUSSIAN POETRY—HISTORY AND CRITICISM

Gol'dshtein, V.E., and E.D.Zolotareva. [Publicizing Soviet poetry in the village club] Propaganda sovetskoi poezii v sel'skom klube. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 118 p. (Bibliotechka sel'skogo klubnogo rabotnika)

Interpretation of the vocabulary of the "Tale of Igor's expedition." N. A. Meshcherskii. Uch. zap. Len. un. no. 198:3-9 '56.

Malyshev, V. I. [Tale of Sukhan; a history of the Russian tale of the seventeenth century] Povest' o Sukhane; iz istorii russkoi povesti XVII veka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 223 p.

Who is the author of "Tale of Igor's expedition." Znan. sila 31 no. 10:12 O '56.

RUST see Corrosion and anticorrosives; Steel—Corrosion

RUST (BOTANY) see subdivision 'Uredineae' under Latvia; Maritime Territory; Matcha District; Tajikistan

RUTHERFORD, ERNEST, baron, 1871-1937

Ernest Rutherford; 85th anniversary of his birth. I. B. Fainboim. Fiz. v shkole 16 no. 5:92-95 S-O '56.

RYAZAN—AMATEUR RADIO STATIONS

Good results. L. Kuznetsov. Radio no. 9:18 S '56.

RYAZAN—DISORDERLY CONDUCT

The problem isn't solved. A. Belkin. Part. zhizn' no. 18:68-69 S '56.

RYAZAN—EXHIBITIONS

Recent developments at Ryazan. M. Amshinskii. Ogonek 34 no. 41:29 O '56.

RYAZAN—LEATHER INDUSTRY

Unfounded recommendations. B. E. Khatset. Leg. prom. 16 no. 9:25 S '56.

RYAZAN—TOURISM

Here we found friends. N. Pronin. Vozhatyi 32 no. 10:6 O '56.

RYAZAN PROVINCE—AGRICULTURE

Agriculture of the Villein peasants in the Ryazan and Tambov guberniyas in the first half of the 19th century; crisis of the feudal landowning system of agriculture. I. D. Koval'chenko. Ist. zap. 56:129-185 '56.

RYAZAN PROVINCE—GEOGRAPHY

"Ryazan Province; outline geographic aid for teachers of secondary and seven-year schools." B. S. Shustov. Reviewed by P. Terekhov. Geog. v shkole 19 no. 5:74 S-O '56.

RYBINSK RESERVOIR—FISHERIES

Organization of fishing in Rybinsk Reservoir. IU. S. Sergeev. Ryb. khoz. 32 no. 10:25-27 O '56.

RYBINSK RESERVOIR—FRESH-WATER BIOLOGY

"Borok" biological station. F. D. Mordukhai-Boltovskoi. Priroda 45 no. 11:52-57 N '56.

RYBINSK RESERVOIR—TEMPERATURE

Analysis of the mean ten-day water temperature in Rybinsk Reservoir. T. N. Kurdina. Meteor. i gidrol. no. 8:40-42 Ag '56.

RYL'S'KYI, MAKSYM, 1895-

Neborlachok, F. M. [Maksym Ryl's'kyi; a literary and critical sketch] Maksym Ryl'skyi; literaturno-krytychnyi narys. [L'viv] Vyd-vo L'vivs'koho derzh. univ., 1955. 59 p.
(MH)

The translator's art; a new edition of "Pan Tadeusz" translated by M. Ryl's'kyi. Mykola Pavliuk. Dnipro 30 no.11:109-115 N '56.

SABLES see subdivision under Krasnoyarsk Territory

SADOVOYE (STALINSKOYE DISTRICT)—BRONZE AGE

New findings from the Bronze Age. A. Kibirov, P. N. Kozhemiako. Trudy Inst. ist. AN Kir. SSR no. 2:37-46 '55.

SAFETY, INDUSTRIAL see Industrial safety

SAGE

High yields of clary sage. IA. D. Ponomarenko. Zemledelie 4 no.10:117-118 O '56.

SAGHIAN, AMO

Thoughts about the homeland ("On the heights." Amo Saghian. Book review). Druzh. nar. no.10:182 O '56.

SAHAIDACHNYI, PETRO, d. 1622—FICTION

[Hetman Petro Sahaidachnyi; a historical tale] Het'man Petro Sahaidachnyi; istorychne opovidaniia. Z povisti D. Mordovtsia, z dodatkamy i odminamy, pererobyla M. Zahirnia. Vyd. 4-e. New York, Vyd-vo "Hoverlia," 1957. 128 p.

SAILORS see Seamen

SAKHALIN—AERONAUTICS, COMMERCIAL

On the Sakhalin airway routes. Grazhd. av. 13 no. 9:20-21 S '56.

SAKHALIN—DECAPODA (CRUSTACEA)

Certain aspects of the distribution of decapods in the South Sakhalin region. Z. I. Kobiakova. Trudy probl. i tem. sov. no. 6:47-54 '56.

SAKHALIN—FISHERIES

Shortcomings in the wages of seagoing personnel of the fishing industry on Sakhalin. V. Kopytin. Sots. trud. no.10:62-66 O '56.

SAKHALIN—NETS

Vertical opening of the Sakhalin énurrevads and their sinking speed. A. V. Lestev, N. G. Magdeburov. Ryb. khoz. 32 no. 9:72-75 S '56.

SAKHALIN—PHYSICAL GEOGRAPHY

Division of Sakhalin into physical geographical regions. IU. K. Efremov. Vop. geog. no. 39:179-184 '56.

SAKHALIN—SCULPIN

Ecology and distribution of cottoid fishes in the waters of southern Sakhalin and southern Kurile Islands. M. I. Legeza. Trudy probl. i tem. sov. no. 6:122-131 '56.

SAKSAGAN' VALLEY—TOURMALINE

Tourmaline from the zone of the Saksagan' overthrust fault. B. I. Horoshnykov. Geol. zhur. 16 no. 3:83-86 '56.

SAKSAUL—DISEASES AND PESTS see subdivision under Kazakhstan

SALCOLA

Heterogeneity of the seeds of Salsola ruthenica Iljin and their morphological characteristics. T. K. Prodan. Agrobiologiia no. 5:151-152 S-O '56.

SALICYLIC ACID

Strumogenic action of para-aminosalicylic acid. P. A. Vunder, Lapshina, V. F. Probl. enduk. i gorm. 2 no. 4:76-81 Jl-Ag '56.

SALINITY see subdivision under Azov, Sea of

SALIVA

Methods for the separate collection of saliva produced by conditioned and unconditioned reflexes in conditioned reflex experiments. L. I. Chilingarian. Uch. zap. MGPI 84:47-51 '55.

Unconditioned salivation in atropic processes of the upper respiratory tract. V. P. Kolomiitsev. Vest. otorin. 18 no. 5:45-49 S-O '56.

SALIVARY GLANDS

Conditioned salivary reflexes in horses. Kh. T. Arskii. Sbor. trud. Khar'. vet. inst. 20:64-71 '49.

Role of the nervous system in the permeability of salivary glands. T. I. Novikova-Dantsiger. Dop. ta pov. L'viv. un. no. 3, pt. 2:20-21 '52.

SALIVATION

Modified method for the automatic registration of salivation. M. Bauer and others. Fiziol. zhur. [Ukr.] 1 no. 4:130-135 Jl-Ag '55.

SALMON see subdivision under Bol'shaya River; Dvina River; Latvia; Pacific Ocean

SALMONELLA PARATYPHI

Immunochemical study of antigen complexes obtained by various methods from Salmonella paratyphi and Eberthella typhosa cultured on various media. I. D. Dubrovskaia and others. Zhur. mikrobiol. epid. i immun. 27 no. 10:22-28 O '56.

SALONIKA, GREECE—FAIRS

The fair at Saloniki. Andrei Novikov. Ogonek 34 no. 40:4 S '56.

SALT

(see also subdivision under Bystritsa Nadvornyanskaya Valley; Stryy Valley)

Geological conditions of the sedimentary stage in the origin of salt-bearing formations. M. P. Fiveg. Vop. min. osad. obr. 3/4:235-240 '56.

SALT—PHYSIOLOGICAL EFFECT

Rationing salt in hog feed. I. IA. Titskii. Zhivotnovodstvo 18 no. 10:62-65 O '56.

SALT—THERAPEUTIC USE

Treatment of trichomoniasis of female genitalia with liquid tar soap and hypertonic sodium chloride solutions. E. L. Rybalka. Akush. i gin. 32 no. 4:72-74 Jl-Ag '56.

SALT INDUSTRY

Processing of sea water in cold climates. E. I. Akhumov. Zhur. prikl. khim. 29 no. 4:569-577 Ap '56.

SALTS

Exchange decomposition in melts and the character of chemical bonds. I. N. Beliaev. Zhur. neorg. khim. 1 no. 7:1501-1511 Jl '56.

Lattice energy of salts with polyatomic ions. K. B. IAtsimirskii. Zhur. ob. khim. 26 no. 9:2376-2380 S '56.

Physical properties of salt melts and the nature of their structural particles. N. P. Luzhnaia, N. N. Evseeva, I. P. Vereshchetina. Zhur. neorg. khim. 1 no. 7:1490-1500 Jl '56.

Polarograph for automatically recording polarization curves in molten salts [with English summary in insert]. L. N. Antipin, IU. B. Kholmanskikh, S. F. Vazhenin. Zhur. fiz. khim. 30 no. 7:1672-1675 Jl '56.

Rate of solution for minerals as a property of multicomponent salt systems. M. L. Chepeleveteskii and others. Zhur. neorg. khim. 1 no. 7:1512-1522 Jl '56.

Thermodynamics of salts at high temperatures. Component activity in mixtures of salt melts. N.K. Voskresenskaia. Zhur. neorg. khim. 1 no. 7:1479-1489 Jl '56.

Thermographic study of melts of salts and metals. I. K. Tovmas'ian. Zhur. neorg. khim. 1 no. 7:1642-1645 Jl '56.

SALTS, SOLUBLE

"Handbook of experimental data on the solubility of multicomponent water and salt systems. Vol. 2. Quaternary and higher systems." Reviewed by E. I. Akhumov, B. IA. Rozen. Zhur. fiz. khim. 30 no. 7: 1681-1683 Jl '56.

SALZBURG—CHEMISTRY—CONGRESSES

Conference of Austrian and German chemists. M. A. Klochko. Vest. AN SSSR 26 no. 10:78-79 O '56.

SAMARA BEND—PHYSICAL GEOGRAPHY

Division of the eastern sector of the Samara Bend into large-scale landscape regions. V. I. Prokaev. Vop. geog. no. 39:185-195 '56.

SAMBULOV, KONSTANTIN

Marksmanship enthusiast. V. Tikhomirov. Voen. znan. 31 no. 9:21 S '56.

SAMOILOV, IAKOV VLADIMIROVICH, 1870-1925

History of mineralogy in Moscow University; in memory of professor IA. V. Samoilov. V. I. Vernadskii. Och. po ist. geol. znan. no. 5:176-187 '56.

SAMPLING (STATISTICS)

Comparison of empiric distributions of two independent samples for some sections of the variance of argument. I. D. Kvit. Dop. ta pov. L'viv. un. no. 4, pt. 2:60-61 '53.

SAMUR-DIVICHI CANAL REGION—PLANT LICE

Ecological groups of insects injurious to forest shelterbelt plants in the Samur-Divichi Canal regions. Pt. 3. V. N. Rusanova. Uch. zap. AGU no. 6:73-83 '55.

SAMUR VALLEY—PHYSICAL GEOGRAPHY

Geomorphological observations in the region of the Samur Valley of southern Daghestan. N. IA. Podoplelov. Uch. zap. Ped. inst. Gerts. 116:219-233 '56.

SAND

(see also subdivision under Kopet-Dagh; Pamirs)

Effect of sand moisture on its critical porosity. N. N. Sidorov. Sbor. LIIZHT no. 150:83-85 '56.

Hydromechanical mining and enrichment of sand and gravel. B. M. Shkundin. Mekh. stroi. 13 no. 9:3-9 S '56.

SAND, FOUNDRY

Drying the mold in sand casting. A. A. Slepnev. Lit. proizv. no. 4:30 O '56.

SANITARY ENGINEERING—STUDY AND TEACHING

The practical training of future sanitary engineers. A. IA. Ivanov. Vest. vys. shkoly 16 no. 10:36-37 '56.

SAPONINS

Method for a quantitative determination of saponins derived from horse chestnut. O. P. Mel'nichuk. Aptech. delo 5 no. 5:35-37 S-O '56.

SAPROPELS

(see also subdivision under Nero, Lake; Ushchelmorovo, Lake)

Age of sapropelic deposits in the central belt of the European U. S. S. R. S. N. Tiuremnov. Trudy Lab. ozer. no. 6:40-54 '56.

Nomenclature and types of sapropelic deposits. N. I. Korde. Trudy Lab. sapr. ozer. no. 6:5-39 '56.

Titration analysis of carbon dioxide of carbonates in sapropels. D. F. Sokolov, S. B. Korden. Trudy Lab. sapr. ozer. no. 6:65-68 '56.

SAPROPELS—THERAPEUTIC USE see subdivision under Ushchelmorovo, Lake; Yaroslavl

SARANSK—CONCERTS

Saransk. Sov. muz. 20 no. 9:118-119 S '56.

SARATOV—BALLET

"The shawl"; Hungarian ballet on the stage of the Saratov Theater. M. Gellig. Sov. muz. 20 no. 10: 116-118 O '56.

SARATOV—RADIO CLUBS

Road to the air waves. G. Demin. Radio no. 10:31 O '56.

SARATOV—THEOLOGICAL SEMINARIES

At the Saratov Theological Seminary. Zhur. Mosk. Pat. no. 9:13 Ag '56.

SARATOV PROVINCE—AGRICULTURE

Rural changes; a writer's observations. V. Vel'tkho. Smena 33 no. 21:9-12 N '56.

SARATOV PROVINCE—CORN (MAIZE)

On fields of Saratov Province. P. K. Ivanov, A. M. Mikhailov. Kukuruza 1 no. 5:46-47 Ag '56.

SARATOV PROVINCE—FROST

Surface frosts in Saratov Province. N. V. Bova. Sel'sk. Povol. no. 9:75-76 S '56.

SARATOV PROVINCE—PHOSPHATES

Phosphate content of upper Cretaceous rocks in the right bank of Volga in Saratov Province. L. P. Glavatskova. Vop. min. osad. obr. 3/4:405-409 '56.

SARATOV PROVINCE—SOIL MOISTURE

Methods of conserving moisture in fall-plowed fields of Saratov Province. O. S. Sinel'shchikova. Sel'sk. Povol. no. 9:31-34 S '56.

SARDINES

New varieties of canned sardines and anchovies. L. T. Kochetova and others. Ref. nauch. tekh. VNIRO no. 3 17-22 '55.

SARIWON, KOREA—RADIO CLUBS

The Sariwon radio club. Yi Ki-won. Radio no. 10: 13-14 O '56.

SARYCHEV PEAK

Eruption of Sarychev Peak in November, 1040. S. N. Gladyshkii, G. K. Efremov. Biul. Vulk. sta. no. 15:11-13 '48.

Sarychev Peak. G. S. Gorshkov. Biul. Vulk. sta. no. 15: 3-7 '48.

SATELLITES—MARS

Swift's prognostication. D. Alekseev. Ogonek 34 no. 47:32 N '56.

SATIRE

Birth of laughter. A. Pavlovskii. Neva no. 9:176-180 S '56.

Let us study! Dm. Prilluk. Sov. pech. no. 10:30-32 O '56.

Powerful weapon. O. Balaktirev. Sov. Ukr. 6 no. 10:166-169 O '56.

SAUREL

Purse seine in fishing for Mediterranean saurel. O. I. Sakovets, S. S. Virnov. Ryb. khoz. 32 no. 9:11-15 S '56.

SAUSAGES

Changes in physical and chemical properties of meat in the salting of sausages. V. Pal'min. Mias. ind. SSSR 27 no. 5:51 '56.

How to avoid loose packing of cooked sausages and frankfurters. G. Babin. Mias. ind. SSSR 27 no. 5: 31-33 '56.

Methods for establishing production standards in sausage making. I. Sorochkin. Mias. ind. SSSR 27 no. 5:40-46 '56.

SAUSAGES—TRANSPORTATION

Economizing meat. L. Gol'denberg. Mias. ind. SSSR 27 no. 5:46-47 '56.

SAVING AND THRIFT

How to be thrifty. Nov. vrem. 14 no. 46:22 N '56.

SAWS

A useful book ("Frame saws and their operation." V. D. Kolobov. Reviewed by I. E. Sokolov). Les. prom. 34 no. 10:32 O '56.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Cambrian deposits in the western regions of Eastern Sayan. L. N. Repina, M. A. Semikhatov, V. V. Khomentovskii. Dokl. AN SSSR 110 no. 1:133-136 S-O '56.

SAZHIN, PETR

The victory of character ("Captain Kiribeev." P. Sazhin. Reviewed by A. Borshchagovskii). Znamia 26 no. 10: 178-182 O '56.

SCALDS see Burns and scalds

SCALE INSECTS

European fruit lecanium, a pest of the filbert. A. D. Kostyiev. Zashch. rast. ot vred. i bol. 1 no. 4:61 S-O '56.

SCALES (FISHES)

Research on the growth of deep-sea fishes. E. B. Kulikova. Trudy probl. i tem. sov. no. 6:132-135 '56.

SCALES (WEIGHING INSTRUMENTS)

Checking automatic flour scales. Izm. tekh. no. 4:32 Jl-Ag '56.

SCANDINAVIA—FUR FARMING

Notes on Scandinavian fur farming. V. A. Afanas'ev. Kar. i zver. 9 no. 5:47-53 S-O '56.

SCARLET FEVER

Effect of the drug "Regenerator" on the course of scarlet fever and complicating diseases. L. V. Poliak. Vop. okh. mat. i det. 1 no. 5:91-93 S-O '56.

SCENERY see subdivision 'Views' under Abramtsevo; Crimea

SCHEELITE

Radiochemical determination of the solubility of scheelite ($CaWO_4$) in water and in aqueous solution of NaCl and LiCl. G. B. Bokii, I. N. Anikin. Zhur. neorg. khim. 1 no. 8:1926-1928 Ag '56.

SCHIZOPHRENIA

A. L. Epshtein's lecture on "A critique of the theories of schizophrenia" at the enlarged session of the Learned Council of the Institute of Psychiatry of the Ministry of Public Health of the U. S. S. R. Zhur. nevr. i psikh. 56 no. 8:680-684 '56.

Basic problems in the treatment of schizophrenia. A. D. Zurabashvili. Zhur. nevr. i psikh. 56 no. 8:605-611 '56.

Certain indexes of oxidation processes in chronic stages of of schizophrenia. V. P. Kutin. Fiziol. zhur. [Ukr.] 1 no. 5:74-83 S-O '55.

Data on immunological reactivity in schizophrenia. N. M. Zharikov and others. Zhur. nevr. i psikh. 56 no. 8: 612-621 '56.

Effect on vitamin B complex on the higher nervous activity in schizophrenia. V. M. Vasheiko, T. M. Horodkova. Fiziol. zhur. [Ukr.] 1 no. 5:46-53 S-O '55.

Investigation of 17-ketosteroids in urine in schizophrenia and in other psychoses. S. P. Zelinskii. Zhur. nevr. i psikh. 56 no. 8:622-630 '56.

Problems in the etiology and pathogenesis of schizophrenia; review of foreign literature published during 1955. G. A. Obukhov. Zhur. nevr. i psikh. 56 no. 8:663-668 '56.

Structure of blood colloids in schizophrenia and in manic-depressive psychoses. I. A. Polichchuk. Fiziol. zhur. [Ukr.] 1 no. 5:31-36 S-O '55.

Thiamine, riboflavin, and nicotinic acid metabolism in schizophrenia. S. P. Zelins'kyi. Fiziol. zhur. [Ukr.] 1 no. 5:37-45 S-O '55.

Toxic granulation of neurotrophils in the catatonic form of schizophrenia. O. M. Turkevych, O. T. Pysanets'. Fiziol. zhur. [Ukr.] 1 no. 5:83-87 S-O '55.

SCHOLARSHIPS

Answers to readers' questions. Vest. vys. shkoly 14 no. 10:44-45 O '56.

SCHOOL AND HOME see Home and school

SCHOOL-BOOKS see Textbooks

SCHOOL CONTESTS

Student contest. Sred. spets. obr. no. 11:57 N '55.

SCHOOL DISCIPLINE

(see also subdivision under Germany, East)

Molding student conduct. A. IU. Serguchev. Sred. spets. obr. no. 10:37-39 O '56.

SCHOOL EXCURSIONS

Excursion to stockbreeding farms. A. V. Vasil'ev. Geog. v shkole 19 no. 5:57-61 S-O '56.

A good way of uniting theory with practice. N. D. Kudin. Sred. spets. obr. no. 11:54-57 N '55.

SCHOOL GARDENS

(see also subdivision under Rostov Province; Stavropol Territory)

Flowering perennials in the kindergarten garden plot. A. A. Sakevich. Doshk. vosp. 20 no. 10:39-44 O '56.

In defense of our green friend. IUn. nat. no. 2:14 My '56.

Padalko, N. V. [Practical work on the school experimental plot (6th grade); manual for secondary school teachers] Prakticheskie zaniatiia na shkol'nom uchebno-opytnom uchastke (VI klass); posobie dlia uchitelei srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 149 p. (DA)

Selifonov, S. A. [School experimental plot] Prishkol'nyi uchebno-opytnyi uchastok. Izd. 2-oe., perer. i dop. [Gor'kii] Gor'kovskoe obl. gos. izd-vo, 1952. 250 p. (DA)

Verzilin, N.M., and others. [Working with pupils on school experimental plots] Metodika raboty s uchashchimisia na shkol'nom uchebno-opytnom uchastke. Pod red. N.M. Verzilina. [Moskva] Izd-vo Akademii pedagog. nauk RSFSR, 1956. 695 p. (DA)

SCHOOL HYGIENE

(see also subdivision under Bulgaria)

Soviet Red Cross organizations in schools. Sov.kras. krest 6 no. 5:1-2 S-O '56.

SCHOOL MANAGEMENT AND ORGANIZATION

School chronicle. P. P. Krubilkov-Ilrechanyi. Rad. shk. 35 no. 10:56 O '56.

SCHOOL SUPERINTENDENTS AND PRINCIPALS see subdivision under Chernobyl'

SCHOOL SUPERVISION

Systematically control the quality of teaching. D. A. Gurevich. Sred. spets. obr. no. 11:12-17 N '55.

SCHOOLHOUSES

(see also subdivision under Austria)

Extend the construction of technical schools according to standard models by all possible means. M. I. Tul'chinskii. Sred. spets. obr. no. 11:22-31 N '55.

SCHOOLHOUSES—LIGHTING

Illumination of schoolrooms. N. V. Volotskoi. Svetotekhnika 2 no. 5:18 S '56.

SCHOOLS

(see also subdivision under Chukchi National Okrug)

We went to school. Bor. Privalov. Sov. Soiuz no. 11: 25-27 N '56.

SCHOOLS—EXERCISES AND RECREATIONS

(see also subdivision under Donskov)

Work and recreation schedules for pupils. IE. M. Vainrub, L. IA. Subotkevych. Rad. shk. 35 no. 10:37-39 O '56.

SCIATIC NERVE

Mutual relationship of the sciatic nerve and pyriform muscle. S. A. Gasanov. Uch. zap. AGU no. 6:53-56 '55.

SCIENCE

(see also subdivision under Karelia; Tajikistan; Yakutia)

"Book of readings in natural science." M. N. Skatkin. Reviewed by P. Finarov. Nach. shkola 24 no. 10:55-57 O '56.

Boundless horizons. V. D. Zakharchenko. Nauka i zhizn' 23 no. 11:1-4 N '56.

Brief news. Nov. knigi za rub. 9 no. 10:120-135 O '56.

"The library's promoting of books in natural science." V. V. Gnucheva. Reviewed by D. Teplov. Bibliotekar' no. 10:46 O '56.

On the eve of new discoveries. John D. Bernal. Nauka i zhizn' 23 no. 11:5-8 N '56.

Soviet science in the sixth five-year plan. A. V. Topchiev. Sov. mor. 16 no. 6:2-3 My '56.

Vavilov, S. I. [Collected works] Sobranie sochinenii. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 3. [Works on philosophy and the history of the natural sciences] Raboty po filosofii i istorii estestvoznaniia. 1956. 870 p.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—BOOK REVIEWS

Brief reviews of new books. Priroda 45 no. 11:120-122 N '56.

Physics, chemistry, mathematics, mechanics, astronomy, and geology [reviews of foreign literature]. Nov. knigi za rub. 9 no. 7:3-117 Jl '56.

Physics, chemistry, mathematics, mechanics, astronomy, and geology [reviews of foreign literature]. Nov. knigi za rub. 9 no. 10:3-128 O '56.

SCIENCE—CONGRESSES

Brief news. Nov. knigi za rub. 9 no. 7:116-121 Jl '56.

Brief news. Nov. knigi za rub. 9 no. 8:125-132 Ag '56.

Brief news on science. Nov. knigi za rub. 9 no. 9:114-117 S '56.

SCIENCE—HISTORY

Important work on the history of science and its connection with industry ("Science and industry in the nineteenth century" by J. D. Bernal. Reviewed by M. M. Karpov). Priroda 45 no. 11:117-119 N '56.

SCIENCE—PERIODICALS

A review of scientific journals. Nauka i zhizn' 23 no. 10:61 O '56.

A review of scientific journals. Nauka i zhizn' 23 no. 11: 61 N '56.

Some defects in the journals of abstracts published by the Institute of Scientific and Technical Information. E. V. Ienish. Sov. bibl. no. 43:92-99 '56.

SCIENCE—PHILOSOPHY

Developing the problem "Dialectical materialism and the modern natural sciences." M. E. Omel'ianovskii. Vest. AN SSSR 26 no. 10:3-11 O '56.

Institute of Philosophy; philosophy lectures. L. L. Potkov. Vest. AN SSSR 26 no. 10:96-98 O '56.

Lenin's theory on matter and modern natural science. F. Doigikh. 13 no. 10:26-32 O '55.

SCIENCE—STUDY AND TEACHING

Use every means to improve the training of scientists. V. S. Gerashchenko. Vest. vys. shkoly 14 no. 10:7-10 O '56.

SCIENCE, POLITICAL see Political science

SCIENCE AND RELIGION see Religion and science

SCIENCE FICTION

Adventures of a machine. A. Gurevich. Znan. sila 31 no. 10:26-27 O '56.

In the world of fiction. N. Dolotin. Nauka i zhizn' 23 no. 11:58-60 N '56.

The real hero of science fiction. G. Gor. Neva no. 9: 181-183 S '56.

SCIENCES, SOCIAL see Social sciences

SCIENTIFIC APPARATUS AND INSTRUMENTS

Supplying Academy institutions with modern scientific equipment and materials. Vest. AN SSSR 26 no. 10:90 O '56.

SCIENTIFIC EXPEDITIONS see subdivision under Antarctic regions

SCIENTIFIC SOCIETIES see subdivision under Leningrad

SCIENTISTS see subdivision under Ukraine

SCIENTISTS, CHINESE

Brief comments on the course "All scientists should take part in competition." Nar. Kit. no. 17:8-10 S '56.

SCIENTISTS, HUNGARIAN

Delegation of the Hungarian Academy of Sciences in the U. S. S. R. Vest. AN SSSR 26 no. 9:77 S '56.

SCINTILLATION COUNTERS

Properties of scintillating plastics. M. M. Koton. Zhur. tekh. fiz. 26 no. 8:1741-1743 Ag '56.

SCINTILLATION PECTROMETRY

Magnetic prism beta-spectrometer with electron scintillation counter. I. F. Barchuk, II. V. Bielykh. Ukr. fiz. zhur. 1 no. 1:98-105 '56.

SCLEROSIS

Disorders of cutaneous sensitivity in lateral amyotrophic sclerosis and in hepatolenticular degeneration. S. V. Babenkova. Zhur. nevr. i psikh. 56 no. 8:645-653 '56.

SCLEROSIS, MULTIPLE see Multiple sclerosis

SCRAP METAL INDUSTRY

Collect scrap metal. M. Kostin. Biok. agit. no. 20: 11-17 O '56.

SCRAPERS

Examination of the operation under actual conditions of the D-183S scraper and the D-258 trailer. V. V. Dmitriev. Stroi. i dor. mashinostr. no. 9:15-16 S '56.

Lateral profile of a scraper bucket. K. A. Artem'ev. Mekh. stroi. 13 no. 9:18-22 S '56.

SCREENS (MINING)

Installing SM-61 screens. S. M. Kas'ian. Mekh. stroi. 13 no. 10:28-29 O '56.

SCREW CUTTING

Waviness of surfaces following threading by the vortex method. I. IA. Shneiderman. Vest. mash. 36 no. 10: 35-39 O '56.

SCREW THREADS—MEASUREMENT

Controlling the internal diameter of thread plug gauges. A. I. Gellikman. Izm. tekh. no. 4:67-68 Jl-Ag '56.

SCRIPTURES, HOLY see Bible

SCRUBBER (CHEMICAL TECHNOLOGY)

Absorption of carbon dioxide by potash solution in a foam bubble. I. G. Plit, K. N. Shishkin. Zhur. prikl. khim. 29 no. 9:1232-1329 S '56.

SCULPIN see subdivision under Kurile Islands; Sakhalin

SCULPTURE
The sculptural decoration of cities. M. Semenov. Iskusstvo 19 no.6:5-6 '56.

SCURVY
Pathomorphology of the central nervous system in experimental scurvy, in vitamin C deficiency, and following administration of extensive doses of vitamin C. M. A. Izrail'evskaia, I. S. Dergachev. Vop. pit. 15 no. 5: 32-37 S-O '56.

SEA see Ocean

SEA SOUNDINGS see Sounding and soundings

SEA WATER
Processing of sea water in cold climates. E. I. Akhumov. Zhur. prikl. khim. 29 no. 4:569-577 Ap '56.

SEA WATER, DISTILLATION OF
Desalting sea water. Mor. flot 16 no. 7:29 Jl '56.

SEALS (NUMISMATICS) see subdivision under Novgorod

SEAMANSHIP
Correspondence courses for the merchant marine should be developed in every possible way. A. Borisov. Mor. flot 16 no. 10:23-24 O '56.

SEAMEN
How Soviet sailors behave. Sov. mor. 16 no. 9:16 My '56.

SEASHORE
Formative characteristics of seashore terraces. A. S. Lonin, P. A. Kaplin. Izv. AN SSSR. Ser. geog. no. 5: 9-21 S-O '56.
A special genetic type of shore with mud flats caused by eolian tides. O. K. Leont'ev. Izv. AN SSSR. Ser. geog. no. 5:81-90 S-O '56.

SEAWEEDS see Algae

SECONDARY EDUCATION see Education, Secondary

SECONDARY EMISSION see Electron emission

SECRETIN
Morphological changes in the exocrine cells of the pancreas under the influence of secretin. K. A. Biriukova. Uch. zap. MGPI 84:171-182 '55.

SECRETION
A method for determining the quantity of wound exudate. V. I. Astrakhan. Khirurgiia. 32 no. 7:54-55 Jl '56.
Regenerative processes in the digestive glands during secretion. M. A. Guberniev, I. G. Kovyrev. Uch. zap. MGPI 84:95-109 '55.

SEDGES see subdivision under China

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION AND DEPOSITION
Comparative evaluation of methods of sedimentometric analysis. N. A. Figurovskii, T. B. Gavrilova. Zav. lab. 22 no. 8:891-896 Ag '56.

SEDUM see subdivision under Ukraine

SEED INDUSTRY
Conditions for the procurement of certified oil plant seeds [illegible] 56.
egetable varieties . Kuz'micheva.

SEED POTATOES
Effect of peat and other fertilizers on obtaining high seed-potato yields. N. S. Batsanov. Ud. i ur. 1 no. 9:20-23 S '56.
High-grade potatoes for seed. M. N. Marenkov. Kartofel' no. 4:1-5 S-O '56
Some problems in growing certified potatoes. A. S. Atkin. Kartofel' no. 4:47 S-O '56.

SEEDS
Heterogeneity of the seeds of Salsola ruthenica Iljin and their morphological characteristics. T. K. Prodan. Agrobiologiia no. 5:151-152 S-O '56.

SEEDS—GERMINATION see Germination

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMOLOGY
Tracing faults by the seismic method using reflected waves in the outer zone of the Carpathian piedmont trough. A. IA. D'iachkova, V. B. Sollogub. Razved. i okh. nedr 22 no. 8:37-42 Ag '56.

SEISMOMETRY
Determining the depth of seismic foci by the distribution of the intensity of tremor in the area. V. A. Nechaev. Dokl. AN Tadzh. SSR no. 16:3-8 '56.
Nazarov, A. G. [An engineering method of analyzing seismic forces] Metod inzhenernogo analiza seismicheskikh sil. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 186 p.

SEISMOMETRY—GRAPHIC METHODS
Graphic method for the frequency analysis of seismic waves. F. M. Gol'tsman. Vest. Len. un. 11 no. 16: 45-56 '56.

SELENIUM
Chemistry of the compounds of a variable composition. Part 4. System tantalum - selenium. S. M. Arifa, A. I. Zaslavskii, I. I. Matveeva. Zhur. ob. khim. 26 no. 9 2373-2375 S '56.

SELETY VALLEY—PALEOBOTANY
Materials on the Eocene flora of the right bank of the Selety River. V. S. Kornilova. Trudy Inst. bot. AN Kazakh. SSR 1:118-130 '55.

SELF-CONTROL
Teaching self-control. L. Landa. Sem'ia i shkola 11 no. 11:8-9 N '56.

SELF-SERVICE STORES see subdivision under Estonia

SEMEN
Effect of certain factors on the keeping capacity of stallion semen frozen at a temperature of -70°. T. Il'inskaia. Konevodstvo 26 no. 11:32-35 N '56.
Organizing the transportation of semen from high-quality rams. A. N. Likhachev. Ovtsevodstvo no. 9:17-21 S '56.

SEMICONDUCTORS
(see also subdivision under Leningrad; Moscow; United States)
Application of the lattice model to lead sulfide-type semiconductors. T. K. Rebane. Zhur. eksp. i teor. fiz. 31 no. 2:353-354 Ag '56.
Bipolar diffusion of current carriers in the presence of deep traps [with English summary in insert]. K. B. Tolpygo, E. I. Rashba. Zhur. eksp. i teor. fiz. 31 no. 2:273-277 Ag '56.
Correlation between the changes in electric conductivity and the redistribution of the electron density in cadmium sulfide crystals. IU. N. Shuvalov. Zhur. tekh. fiz. 26 no. 9:1870-1879 S '56.
Cyclotron resonance. V. N. Lazukin. Usp. fiz. nauk 59 no. 3:553-582 Jl '56.
Dipole moments of dielectric and semiconductor particles. D. V. Kuz'min. Zhur. tekh. fiz. 26 no. 9:1880-1883 S '56.
Direct current converter using semiconductor devices. IU. Simonov. Radio no. 9:45 S '56.
General use of semiconductors in radio apparatus. V. B. Pestriakov. Elektrosviaz' 10 no. 9:3-12 S '56.
Heating glass and ceramic vessels by semiconducting films. A. IA. Kuznetsov, A. V. Kruglova, B. P. Kryzhanovskii. Zav. lab. 22 no. 8:993-995 Ag '56.
Inapplicability of Fermi-Dirac distribution for electrons of semiconductor and crystal phosphor admixture centers. S. I. Pekar. Zhur. eksp. i teor. fiz. 31 no. 2:351-353 Ag '56.
Ioffe, A. F., and others. [Thermoelectric refrigeration] Termoelektricheskoe okhlazhdenie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 107 p.
Note on Gubanov's and Makovskii's letter concerning the paper presented by Tolpygo and Zaslavskaia "Bipolar diffusion in semiconductors at considerable currents." [illegible] hur. tekh. fiz. 26 no. 9:2127-2128 S '56.
[illegible] nd I. G. Zaslavskaia's paper "Bipo- [illegible] iconductors at considerable cur- [illegible] v. 25, 955, 1955). A. I. Guba- [illegible] Makovskii. Zhur. tekh. fiz. 26 no. 9:2126-2127 S '56.
Photoelectric method for measuring the length of diffusion displacement of secondary current carriers in semiconductors. K. D. Hlynchuk, O. H. Misoliuk. Ukr. fiz. zhur. 1 no. 1:44-58 '56.
Properties and structure of ternary semiconductor systems. Part 3. Conductivity and photoconductivity in thallium, antimony and bismuth sulfide systems. N. A. Goriunova, B. T. Kolomiets, A. A. Mal'kova. Zhur. tekh. fiz. 26 no. 8:1625-1633 Ag '56.
Semiconductor metallurgy. D. Petrov. Smena 33 no. 19:10 O '56.
Semiconductor rectifiers. Nauka i zhizn' 23 no. 10:33-34 O '56.
Statistics of electrons and holes in a homopolar semiconductor considering interaction with lattice vibrations [with English summary in insert]. V. L. Bonch-Bruevich. Zhur. eksp. i teor. fiz. 31 no. 2:254-260 Ag '56.
Theory of the photoelectric method for determining the lifetimes of current carriers in semiconductors. E. I. Rashba, K. B. Tolpygo. Ukr. fiz. zhur. 1 no. 1:20-43 '56.
Using a semiconducting coating on porcelain insulators. E. V. Kalinin. Elektrichestvo no. 10:90-92 O '56.

SEMICONDUCTORS—BIBLIOGRAPHY see [illegible] Semiconductors

SEMICONDUCTORS—NOISE
Shot noise in semiconductors. L. IA. [illegible] tekh. i elektron. 1 no. 1:98-105 Ja '[illegible]

SENECIO see subdivision under Ukraine

SENSE ORGANS
Dontschoglian, G. G. [Physiology of analyzers; manual for teachers] Fiziologiia analizatorov, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. [illegible] Ministerstva prosveshcheniia RSFSR, 1956. 91 p.

SENSES AND SENSATION
Disorders of cutaneous sensitivity in [illegible] sclerosis and in hepatolenticular degeneration. [illegible] Buhenkova. Zhur. nevr. i psikh. 56 no. 8:641-[illegible]
Sensory disorders in multiple sclerosis. A. [illegible] Zhur. nevr. i psikh. 56 no. 8:643-644 '56.

SEPARATORS (MACHINES)
Automatic prevention of the overfilling of [illegible] tors. D. Khristodulo, V. Tikhanov. Mias. ind. SSSR 27 no. 5:29-30 '56.
Battery-type microcyclones for air purification. [illegible] Polozian. Tabak 17 no. 3:52-53 '56.
Calculating the capacity of cyclone separators. K. M. Minskii, M. T. Korchazhkin. Gaz. prom. no. 11:[illegible] '56.
Use of mechanical oil separators of the shaving type to remove oil from exhaust steam. V. V. [illegible] energ. 11 no. 8:38-9 Ag '56.
The use of screw conveyor centrifuges in the sizing of coal. V. S. Kaminskii, L. S. Zarubin. Ugol' 31 no. 9:34-37 S '56.

SEPARATORS, CREAM see Cream separators

SERAFIMOVICH, ALEKSANDR SERAFIMOVICH, 1863-[illegible]
Books about artists of the revolution should be written for young readers ("The career of a writer" [illegible] gerovich. Reviewed by Il. Mann). Zvezda 33 no. 10: 180-183 N '56.

SERBIA—HISTORY
Policy of the enslavement of Serbia by western powers during the First Balkan War. [illegible] Inst. ist. AN URSR 7:213-237 '56.

SERBIA—RELATIONS (GENERAL) WITH RUSSIA
Documents on Russian-Serbian revolutionary relations in the 1860's. I. D. Ivanov. Krat. soob. Inst. slav. no. 19:64-77 '56.

SERFDOM
The so-called rural "voluntary" slaves of the Spaso-Priluki Monastery. V. M. Panteikin. Trudy Ist.-[illegible] no. 5:210-230 '56.

SERICULTURE see subdivision under Fergana

SERIES, DIRICHLET'S
Arithmetic analyticity equivalence of the Dirichlet L-series on the line Re S = 1. A. O. Gel'fond. Izv. AN SSSR. Ser. mat. 20 no. 2:145-166 Mr-Ap '56.

SERIES, FOURIER'S see Fourier's series

SERPENTINE see subdivision under Elkhots-Alin Range

SERPENTS
(see also subdivision under Armenia)
Two-headed grass snake. V. Chechetkin. Ogonek 31 no. 44:32 O '56.

SERPUKHOV—REVENUE
Closer to production. F. Ufaganov. Fin. SSSR 17 no. 10: 43-46 O '56.

SERUM
Ukraine. Ministerstvo zdravookhraneniia. Cytotoxins in modern medicine; a collection of works commemorating the 75th birthday of Academician A. A. Bogomolets [Tsitotoksiny v sovremennoi meditsine; sbornik rabot, posviashchennyi 75-letiiu so dnia rozhdeniia akademika A. A. Bogomol'tsa. Kiev, Gos. med. izd-vo USSR, 1956. 329 p.

SERUM THERAPY
Leucocyte serums and their use; conference at the A. N. Severtsov Institute of Animal Morphology. A. V. Abuladze. Vest. AN SSSR 26 no. 10:110-111 O '56.
Treatment of thermal burns with immune serum [with summary in English, p. 160]. S. V. Skurkovich. Vest. khir. 77 no. 9:90-95 S '56.

SERVOMECHANISMS
Calculating the operating characteristics of two-phase servomotors and of tachogenerators [with English summary in insert]. G. M. Kasprshak, E. I. Slepoukin. Avtom. i telem. 17 no. 9:811-827 S '56.
Extremum-controller for oil well turbodrilling equipment [with English summary in insert]. IU. I. Ostrovskii, M. G. Eskin. Avtom. i telem. 17 no. 5:775-788 S '56.
Polarized relay mechanism with spherical armature [with English summary in insert]. A. Svoboda. Avtom. i telem. 17 no. 9:857 S '56.

SERVOMECHANISMS (Continued)

Selection of geometric dimensions for magnetic conductors and for electrodynamic coupling diagrams. I. M. Makarov. Avtom. i telem. 17 no. 10:897-909 O '56.

Using the method of logarithmic frequency characteristics for the synthesis of parallel corrective circuits of servosystems (with English summary in insert). S. M. Fedorov. Avtom. i telem. 17 no. 9:847-852 S '56.

Using vibration amplifiers in servomechanisms. IA. E. Gukailo, S. M. Fedorov. Avtom. i telem. 17 no. 10:921-928 O '56.

SERVOMECHANISMS—VIBRATION

Self-vibrating systems with parametric self-excitation. G. V. Savinov. Vest. Mosk. un. 11 no. 6:27-32 Je '56.

SESAME

Slightly dehiscent Si-3 sesame. B. A. Voroniuk. Ref. nauch. rab. VNIIKOP. no. 3:92-95 '55.

SESSHU, 1420-1506

Great son of Japan; on the 450th anniversary of the painter Sesshu's death. Platon Beletskii. Sov. Ukr. 6 no. 10:141-144 O '56.

SEVAN, LAKE—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Eocene deposits of the northeastern coastal region of Lake Sevan. S. B. Abovian. Dokl. AN Arm. SSR 23 no. 1:35-40 '56.

SEVAN, LAKE—WHITEFISHES

Parasitofauna of Sevan whitefish. R. A. Mallian. Dokl. AN Arm. SSR 23 no. 1:45-48 '56.

SEVASTOPOL—WORLD WAR, 1939-1945

The workers of Sevastopol in the fight against the Hitlerite aggressors, 1941-1942. E. I Kel'ner. Vop. ist. no. 9:101-110 S '56.

SEWAGE

Waste waters of cheese plants. L. G. Stepanova, D. I. Mochtin. Trudy VNIIS no. 3:90-99 '55.

SEWAGE—PURIFICATION

"Norms and technical specifications for planning small-sized installations for biological purification of industrial-fecal sewage under artificial conditions and for purifying bath and laundry sewage." Biul. stroi. tekh. 13 no. 9:19-20 S '56.

Protection of natural waters. A. I. Dzens-Litovskii. Priroda 45 no. 11:19-24 N '56.

SEWAGE IRRIGATION see subdivision under Moscow Province

SEWERAGE

(see also subdivision under Novgorod)

Ovodov, V. S. [Examples of calculations for the rural water supply and sewerage] Primery raschetov po sel'skokhoziaistvennomu vodosnabzheniiu i kanalizatsii. Moskva, Gos. izd-vo selkhoz lit-ry, 1955. 303 p. (Uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standards and technical specifications for planning exterior waste disposal facilities for industrial enterprises and settlements near them] Normy i tekhnicheskie usloviia proektirovaniia naruzhnoi kanalizatsii promyshlennykh predpriiatii i poselkov pri nikh. NITU 132-55. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 79 p.

SEWING

Articles from textile materials in manual labor classes. Nach. shkola 24 no. 11:supplement[insert] N '56.

Developing the garment industry in the sixth five-year plan. M. A. Maksimova. Leg. prom. 16 no. 9:4-6 S '56.

The program and work methods in sewing. A. Zhilkin, V. Zhilkin. Nach. shkola 24 no. 10:33-39 O '56.

SEWING MACHINES

Rusakova, S.M. [Equipment of sewing enterprises] Oborudovanie shveinykh predpriiatii. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1956. 262 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

SEX IN PLANTS see Plants, Sex in

SHABLISH, LAKE—ALGAE

Aphanizomenon ovalisporum Forti in the Ural lakes. S. N. Uiomskii. Bot. mat. Otd. spor. rast. 11 29-33 Ja '56.

SHAFT SINKING

Time-consuming tasks and labor productivity of shaft sinking dependent upon the cross-sectional area and the vv cartridge diameter. N. I. Ivanov. Ugol' 31 no. 10:26-28 O '56.

Trigonometric method of surveying large boreholes. A. A. Fedorovskii. [Trudy] VNIMI no. 30:195-209 '56.

SHAFTS AND SHAFTING

Evaluation of the quality and quantity of strains and stresses in shafts in longitudinal impact, according to the resilience of shaft support. Sh. S. Mazitov. Dokl. AN Tadzh. SSR no. 16:41-52 '56.

Running-in journals of large shafts instead of grinding. E. P. IUfa, G. I. Koretskii, M. M. Chernitskii. Vest. mash. 36 no. 10:55 O '56.

Standardizing rotating shaft packings. K. V. Zaitseva. Stan. i instr. 27 no. 9:37-39 S '56.

SHAIN, GRIGORII ABRAMOVICH, 1892-1950

G. A. Shain; obituary. Vest. AN SSSR 26 no. 10:84 O '56.

Grigorii Abramovich Shain. Astron. zhur. 33 no. 4: 465-468 Jl-Ag '56.

SHAKHANIN, NIKOLAI IVANOVICH, 1890-1955

In memory of N. I. Shakhanin. N. M. Belovashina. Bot. zhur. 41 no. 9:1402-1403 S '56.

SHAKHVERDOV, G. G., 1896-

G. G. Khakhverdov; on his 70th birthday. V. V. Belorusova. Teor. i prak. fiz. kul't. 19 no. 10:773-774 '56.

SHALIAPIN, FEDOR IVANOVICH, 1873-1938

Shaliapin and Gor'kii. I. Moroz. Ukraina no. 18:8 S '56.

SHAMIAKIN, IVAN

Stories about our contemporaries ("First date"; stories. Ivan Shamiakin. Reviewed by I. Stutsou). Polymia 34 no. 10:153-155 O '56.

Stories by I. Shamiakin ("First date"; stories. Ivan Shamiakin. Reviewed by IA. Kazeka). Belarus' 13 no. 10: 30 O '56.

SHĀMIL, 1797 (ca)-1871

The Ossetian people in its struggle against muridism and Shāmil. M. S. Totoev. Izv. Sev.-Oset. nauch.-issl. inst. 16:48-66 '54.

SHANGHAI—AMUSEMENTS

Shanghai house for cultural entertainment. Kitai no. 10: 29-31 O '56.

SHANGHAI—BOOKSELLERS AND BOOKSELLING

Valuable cultural legacy at the service of the fatherland. Nar. Kit. no. 16:40 S '56.

SHANGHAI—LONGSHOREMEN

Shanghai dockers. Kitai no. 8:22-23 Ag '56.

SHANGHAI—WEIGHT LIFTING

The world record is broken. Li Sung-fu. Nar. Kit. no. 17:28-29 S '56.

SHAPERS

My experience with working a shaping machine. N. M. Kiselev. Stroi. i dor. mashinostr. no. 9:27 S '56.

Shaper attachment for machining helical grooves with rectangular cross section. B. IU. Levin. Stan. i instr. 27 no. 9:34 S '56.

SHATURA—ELECTRIC POWER PLANTS

Leont'eva, T.K. [Lenin's Shatura] Leninskaia Shatura. [Moskva] Moskovskii rabochii, 1956. 106 p.

SHAW, GEORGE BERNARD, 1856-1950

Bernard Shaw and the cinema. G. Avenarius. Isk. kino no. 9:99-107 S '56.

Bernard Shaw's questionnaire. Isk. kino no. 9:107-109 S '56.

Gorbunov, A. M. [Bernard Shaw, 1856-1950; a reader's manual] Bernard Shou, 1856-1950; pamiatka chitateliu. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1956. 49 p.

SHCHAPOV, NIKOLAI PETROVICH

Nikolai Petrovich Shchapov; on his 60th birthday. Zav. lab. 22 no. 8:1012-1013 Ag '56.

SHCHERBAKOV, LEONID

Ademar da Silva and Leonid Shcherbakov, masters of the hop, step and jump. N. Ozolin, D. Markov. Leg. atl. no. 8:10-12 S '56.

SHCHUCHIN DISTRICT—STOCK AND STOCKBREEDING

For increasing the productivity of stockbreeding. G. Pistonova. Komm. Bel. 29 no. 10:48-49 O '56.

SHCHUKIN, IVAN SEMENOVICH, 1865-

Ivan Semenovich Shchukin. R. D. Zabirov. Vop. geog. no. 39:3-7 '56.

SHEEP

(see also subdivision under Armenia; Kazakhstan; Komi A. S. S. R.)

Eliminate shortcomings in the development of sheep breeding. Ovtsevodstvo no. 9:1-7 S '56.

More wool for the government. A. D. Gromadchenko. Ovtsevodstvo no. 9:35 S '56.

Ovchinnikov, M. A. [High wool clip; work practice of a brigade under V. N. Kovalev, senior shepherd of the "Proletarii", Collective Farm, Zimovnikov District] Vysokie nastrigi shersti; opyt raboty brigady V. N. Kovaleva, starshego chabana kolkhoza "Proletarii", Zimovnikovskogo raiona. Rostov-na-Donu, Rostovskoe kn-vo, 1954. 29 p.
(DA)

Tushina, K. IA. [Let us increase the number of sheep] Ovelichim pogolov'e ovets. [Gor'kii] Gor'kovskoe kn-vo, 1954. 36 p.
(DA)

Water metabolism in Lincoln sheep during their acclimatization to the continental climate. A. M. Amarbaev. Dokl. Akad. sel'khoz. 21 no. 10:40-43 O '56.

SHEEP—DISEASES

Manure and wool of the sheep as sources of the spreading of dictyocaulosis. M. I. Sopel'chenko. Kar. i zver. 9 no. 5:46 S-O '56.

On the problem of in vivo diagnosis of tularemia in sheep. V. G. Airapetian, A. B. Khachatrian. Veterinariia 33 no. 11:34-38 N '56.

Polykovskii, M. D., and V. A. Alikaev. [Lung diseases in sheep] Legochnye zabolevaniia ovets. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 71 p
(DA)

SHEEP—FEEDING AND FEEDING STUFFS

(see also subdivision under Stavropol Territory)

Corn for summer feeding of sheep. N. IA. Doroshenko. Ovtsevodstvo no. 9:41-43 S '56.

Effect of the pasture plant Psoralea drupacea on the sexual functions of the female. V. G. Shimanov. Kar. i zver. 9 no. 5:17-20 S-O '56.

Organizing feed supply in regions of reclaimed virgin and idle lands. B. A. Martem'ianov, A. IA. Dobkin. Ovtsevodstvo no. 9:40-41 S '56.

SHEEP—PARASITES see Parasites—Sheep

SHEEP—PHYSIOLOGY

Effect of vegetable protein concentrates on the milk productivity of sheep. T. V. Gorb. Sbor. trud. Khar'. vet. inst. 20:77-82 '49.

SHEEP BREEDING

(see also subdivision under Groznyy Province; Kazakhstan; Rumania)

Effectiveness of mating only gray Sokolka sheep to obtain gray lambs. V. I. Ivanenko. Kar. i zver. 9 no. 5:14-17 S-O '56.

Longinov, N. V. [152 lambs from every 100 ewes] 152 iagnenka ot kazhdykh 100 matok. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 20 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

Make wider use of highly productive herd rams. M. M. Aslanian. Ovtsevodstvo no. 9: 22-24 S '56.

Organizing the transportation of semen from high-quality rams. A. N. Likhachev. Ovtsevodstvo no. 9:17-21 S '56.

SHEEP BREEDS see subdivision under Azerbaijan

SHEEP SHEARING see subdivision under New Zealand

SHEET-METAL WORK

Chupakhin, V. M. [Manufacturing of tin containers] Proizvodstvo zhestianoi konservnoi tary. Moskva, Pishchepromizdat, 1956. 363 p.

Designing cold stamping plants. D. G. Ginzburg. Avt. i trakt. prom. no. 9:37-39 S '56.

New equipment in the field of cold stamping. A. IA. Freidlin. Avt. i trakt. prom. no. 9:33-37 S '56.

Pugachev, A.S. [The cutting out of sheet metal construction elements] Razvertki elementov listovykh konstruktsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 215 p.

SHEET STEEL

Using motion-picture techniques for the investigation of the dynamics of domain structures in transformer steel crystals. L. V. Kirenskii, V. D. Dyigerov. Fiz. met. i metalloved. 3 no. 2:216-221 '56.

SHEET STEEL—COLD WORKING

Increasing contact fatigue strength of steel plates by surface peening. I. V. Kudriavtsev, N. M. Savvina. Metalloved. i obr. met. no. 9:31-41 S '56.

SHEET STEEL—MAGNETIC PROPERTIES

Dependence of magnetic induction of hot-rolled transformer steel upon the thickness of the sheets in the strong field range. B. F. Trakhtenberg. Fiz. met. i metalloved. 3 no. 2:222-226 '56.

SHEET STEEL—QUALITY CONTROL

Evaluation of steel sheet quality according to the structure of a fracture. P. M. Dontsov. Stal' 16 no. 9:842-843 S '56.

SHEET STEEL—STANDARDS

Standards for sheet steel used in the electric industry. B. F. Trakhtenberg. Standartizatsiia no. 4:40-44 Jl-Ag '56.

SHEKSNA VALLEY—SOILS

Soil cover of the Mologa-Sheksna Basin. A. M. Arkhangel'skii. Uch. zap. Ped. inst. Gerts. 116:159-218 '56.

SHELL MOLDING (FOUNDING)

A powdered bakelite substitute used as shell molds. A. M. Liass, IA. I. Medvedev, L. D. Smulova. Lit. proizv. no. 9:10-13 S '56.

SHELTERBELTS see Windbreaks, shelterbelts, etc.

SHEVCHENKO, TARAS, 1814-1861

Early painting of Shevchenko. L. Makhnovets'. Ukraina no. 18:27 S '56.

Shevchenko's works in Bulgarian translations. O. Okhrymenko. Sov. Ukr. 6 no. 9:179-180 S '56.

SHIELD BUGS see Eurygasters

SHIGELLA DYSENTERIAE

Culturability of dysentery bacteria from mucus obtained in rectoromanoscopy. R. V. Litvak, N. G. Sheinman. Lab. delo 2 no. 5:23-25 S-O '56.

Experimental basis of a new method for detecting Shigella dysenteriae and Eberthella typhosa with the aid of phages. V. D. Timakov, D. M. Gol'dfarb. Zhur. mikrobiol. epid. i immun. 27 no. 10:3-9 O '56.

SHINCHAY RIVER—FLOODS

Flash floods in the Kishchay and Shinchay Rivers. I. A. Kotliarskii, A. A. Terterov. Meteor. i gidrol. no. 8:39-40 Ag '56.

SHIP HANDLING

Measures to improve the technical operation of ships of the river fleet. L. Blidman. Rech. transp. 15 no. 8: 21 Ag '56.

SHIP MODELS

Wider road to the "little fleet." S. Glukhovtsev. Voen. znan. 31 no. 9:19 S '56.

SHIP PROPULSION

About a certain formula of power. A. E. Egorov. Trudy VNITOSS 6 no. 1:64-76 '53.

SHIPBUILDING

(see also subdivision under Italy)

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Shipbuilding industry.] Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' nos. 12-20 Ap-My '56.

Foreign information on shipping and shipbuilding. Mor. flot 16 no. 10:32 O '56.

Ships for long voyages. S. Morozov. Ogonek 34 no. 41: 6-7 O '56.

World shipbuilding; figures and facts. Blok. agit. vod. transp. no. 16:48-3 of cover S '56.

SHIPMENT OF GOODS

Payment for transportation when using a centralized delivery system. L. Pekelis. Sov. torg. no. 9:36-40 S '56.

SHIPPING

For effective competition. I. Shvets. Blok. agit. vod. transp. no. 16:16-22 S '56.

Foreign information on shipping and shipbuilding. Mor. flot 16 no. 10:32 O '56.

If you assume an obligation you must meet it. Blok. agit. vod. transp. no. 19:1-8 O '56.

SHIPPING, INLAND WATER see Inland water transportation

SHIPS

Winged ship. Sov. Soiuz no. 11:32 N '56.

SHIPS—DISINFECTION

Using an aerosol generator operated by compressed air for disinsectization on ships. F. A. Mordvintsev, N. P. Levtsov, A. G. Dymov. Voen.-med. zhur. no. 7:73-74 Jl '56.

SHIPS—DISPLACEMENT see Displacement (Ships)

SHIPS—INSPECTION

First results of inspecting technical operations. Mor. flot 16 no. 10:4 O '56.

SHIPS—MAINTENANCE AND REPAIR

(see also subdivision under Murmansk)

Allowable wear of the shell plating of ship hulls. s. Mor. flot 16 no. 7:22-23 Jl '56.

avoid breakdowns is a task of major impor- the merchant marine. Mor. flot 16 no. 10:

airs. IA. L. Levin.

n of hull hchuk, '56.

ation. A. B. Ag '56.

r of the 15 no. 8:

oyseian,

SHISHKOV, VIACHESLAV IAKOVLEVICH, 1872-1945

From unpublished letters. Smena 33 no. 19:15 O '56.

SHIVELUCH SOPKA

The crater of Shiveluch during April 29-30, 1946. V. P. Enman. Biul. Vulk. sta. no. 15:28-29 '48.

SHMIDT, BORIS, pseud. see Kuznetsov, Boris Andreevich

SHMIDT, OTTO IUL'EVICH, 1891-1956

Academician Otto IUl'evich Shmidt; obituary. Izv. AN SSSR. Ser. geog. no. 5:3 S-O '56.

In memory of Otto IUl'evich Shmidt. Priroda 45 no. 10: 3-4 O '56.

O. IU. Shmidt; obituary. Vest. AN SSSR 26 no. 10:82-83 O '56.

SHNAIDER, IULIIA, 1860-1947

"Selected works." Uliana Kravchenko. Reviewed by M. Gurladi. Sov. Ukr. 6 no. 9:177-179 S '56.

SHOCK

Effect of reflexes from intestinal and splenic chemoreceptors in traumatic shock. B. A. Saakov, R. B. TSynkalovskii. Biul. eksp. biol. i med. 42 no. 8:16-21 Ag '56.

Potentiated anesthesia and hypothermia in the treatment of severe injuries [with summary in English, p. 158]. A. N. Berkutov, A. A. Volikov, L. A. Smetanin. Vest. khir. 77 no. 9:19-28 S '56.

SHOCK THERAPY

Conditioned reflex changes in certain blood components. T. Kh. Stepanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:15-21 S '56.

SHOCK WAVES

Experimental investigation of gas detonation in spheres. IA. B. Zel'dovich, S. M. Kogarko, N. N. Simonov. Zhur. tekh. fiz. 26 no. 8:1744-1768 Ag '56.

SHOE INDUSTRY

(see also subdivision under Baku)

Machine for ironing out the back seam of a kersey boot. M. S. Okopov, N. I. Babichenko. Leg. prom. 16 no. 9: 45-48 S '56.

SHOKAL'SKII, IULII MIKHAILOVICH, 1866-1940

IU. M. Shokal'skii; on the 100th anniversary of his birth. V. G. Goncharov. Nauka i zhizn' 23 no. 10:57 O '56.

In memory of a geographer. V. Goncharov. Vokrug sveta no. 10:9 O '56.

Outstanding geographer. D. Morozov. Zmina no. 10: 15 O '56.

SHOLOMOVICH, IOSIF ARONOVICH, 1904-1956

I. A. Sholomovich. Bukhg. uchet 15 no. 9:63 S '56.

SHOOTING

How to learn to shoot. A. Rybin. Okh. i okh. khoz. no. 10:40-42 O '56.

Marksmen and innovators. I. Rabinovich. Voen. znan. 31 no. 9:20 S '56.

More importance to marksmanship! Participants in the Spartakiada of the Peoples of the U. S. S. R. speak. Voen. znan. 31 no. 8:2-3 Ag '56.

Valuable manual for qualified marksmen ("Pistol and revolver marksmanship," L. Vainshtein. Reviewed by P. Suranov). Voen. znan. 31 no. 9:30 S '56.

SHOOTING CONTESTS

(see also subdivision under Moscow)

Results of final contests in marksmanship. A. A. Maksimov. Teor. i prak. fiz. kul't. 19 no. 10:739-744 '56.

SHOP PRACTICE see Machine shop practice

SHORE LINES

Tasks and general methods for studying the dynamics of shore line of bodies of water. B. A. Pyshkin, S. V. Rusakov. Visnyk AN URSR 27 no. 9:32-37 S '56.

SHORE PROTECTION

(see also subdivision under Kirghizistan)

Using through pile spur dikes and dike dams. V. A. Slovinskii. Trudy TbIIZHT no. 22:118-132 '50.

SHORTWAVE RADIO see Radio, Shortwave

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-

D. Shostakovich's 50th birthday. IU. Shaporin. Sov. muz. 20 no. 9:16-18 S '56.

Distinguished composer. IU. Shaporin. Ogonek 34 no. 40:6 S '56.

Thoughts about my past career. D. Shostakovich. Sov. muz. 20 no. 9:9-15 S '56.

SHOTGUNS see subdivision under Czechoslovakia

SHOW WINDOWS

Advertisement in the shop "Books by mail." S. Belkin. Sov. knizh. torg. no. 8:7 Ag '56.

Some initiative. N. Rybchinskii. Sov. knizh. torg. no. 8:3-4 Ag '56.

SHRUBS—DISEASES AND PESTS

Ecological groups of insects injurious to forest shelterbelt plants in the Samur-Divichi Canal regions. Pt. 3. V. N. Rusanova. Uch. zap. AGU no. 6:73-83 '55.

SHUKHOV, IVAN PETROVICH, 1900-

Writer with a sound revolutionary gift; on I. P. Sh 50th birthday. A. Kitanitsa. Sov. Kazakh. 22 ; 109-113 Ag '56.

SIBERIA

The train goes east. Klub 6 no. 11:2-5 N '56.

SIBERIA—BOTANY—ECOLOGY

Connection of flora with strata outcrops. L. B. Ma kov. Priroda 45 no. 11:95-98 N '56.

SIBERIA—CORN (MAIZE)

Studying the chemical composition and nutritive va corn in Siberia. L. G. Musharova. Zhivotnovodst 16 no. 10:49-53 O '56.

SIBERIA—ECONOMIC CONDITIONS

The best opportunities await you. E. I. Tolstikov. 6 no. 11:7-9 N '56.

To the courageous will go the victory. A. P. Marc Klub 6 no. 11:6 N '56.

SIBERIA—ECONOMIC GEOGRAPHY

Land of great possibilities. G. L. Pospelov. Nauk zhizn' 23 no. 11:16-19 N '56.

SIBERIA—FISH CULTURE

Artificial cultivation of whitefish (Coregonus nasu V. A. Kravchuk, S. M. Sostagin. Ryb. khoz. 32 no. 9:60 S '56.

SIBERIA—FISHERIES

Conference of workers in the fishing industry of Siberia. Ryb. khoz. 32 no. 9:03-04 S '56.

SIBERIA—FOLK ART

Fine arts of the peoples of Siberia. S. V. Ivanov, M Sergeev. Sib. ogni 35 no. 4:155-168 Jl-Ag '56.

SIBERIA—FUR FARMING

Conference of Siberian and Altaian state fur farm wo P. B. Knr. i zver. 9 no. 6:56-57 S-O '56.

SIBERIA—MIGRATION, INTERNAL

Hello Siberia! E. Gudilin. Mol. komm. 14 no. 10: 120 O '56.

The train goes east. Klub 6 no. 11:2-5 N '56.

SIBERIA—MINERALOGY

History of mineralogical research in Siberia; works Grigorii Markianovich Permikin. A. N. Granina. ( po ist. geol. znan. no. 5:155-175 '56.

SIBERIA—NATURAL RESOURCES

Feigin, IA. G. [Methods of exploiting the natural re- sources of Siberia and the Far East] Puti osvoeniia prirodnykh bogatstv Sibiri i Dal'nego Vostoka. Mo va, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obs ' stvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 40)

SIBERIA—POACHING

Tomak fur purchasers protect poachers. I. I. Amalin. Okh. i okh. khoz. no. 10:10 O '56.

SIBERIA—RAILROADS

Economic development of the eastern regions and the transportation systems. V. I. Petrov, S. S. Tsetlin. Zael. dor. transp. 38 no. 10:42-48 O '56.

SIBERIA—RAILROADS—SURVEYING

Geological research along the Siberian railway at the of the 19th and beginning of the 20th century. M. K. Korovin. Och. po ist. geol. znan. no. 5:71-88 '55.

SIBERIA—TAXATION—LISTS

Tax assessment book of Siberia dated 1697. M. I. Navrot. Probl. istoch. no. 5:184-200 '56.

SIBERIA—YOUTH

Work, invent, strive. A. I. Bezymenskii. Klub 6 no. 11:9 N '56.

SIBERIA, EASTERN—INLAND WATER TRANSPORTATI

Some economical aspects of transportation in the north eastern areas of the U. S. S. R. A. E. Lelikov. Rech. transp. 15 no. 8:4-6 Ag '56.

SIBERIA, EASTERN—PHYTOGEOGRAPHY

Division of Eastern Siberia into phytogeographical districts. V. N. Vasil'ov. Uch. zap. Ped. inst. Gerts. 116:61-102 '56.

SIBERIA, WESTERN—GAS, NATURAL—GEOLOGY

Geological structure and oil- and gas-bearing possibili ties of the West Siberian Lowland. N. N. Rostovtsev. Inform. sbor. VSEGEI no. 23-11 '55.

SIBERIA, WESTERN—GEOGRAPHY, ECONOMIC

Pomus, M. I. [Western Siberia; economic geography] Zapadnaia Sibir'; ekonomiko-geograficheskaia kharak- teristika. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 643 p.

SIBERIA, WESTERN—PETROLEUM GEOLOGY

Geological structure and oil- and gas-bearing possibili- ties of the West Siberian Lowland. N. N. Rostovtsev. Inform. sbor. VSEGEI no. 2:3-11 '55.

SIBERIAN PLATFORM—TRILOBITES

Suvorova, N. P. [Trilobites of the Cambrian in the eastern Siberian Platform. No. 1. Protolenidae] Trilobity kembriia vostoka Sibirskoi platformy. No. 1. Protolenidy. Moskva, Izd-vo Akademii nauk SSSR, 1956. 158 p. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, vol. 63)

SIBERIAN PLATFORM—VOLCANIC ASH, TUFF, ETC.

Pisolite tufas on the Siberian Platform. V. V. Liakhovich. Dokl. AN SSSR 110 no. 1:137-139 S-O '56.

SIDERITE

Geochemistry of authigenic siderites. M. S. Tochilin. Vop. min. osad. obr. 3/4:203-211 '56.

SIEROZEM SOILS

(see also subdivision under Angren Valley; Chu Valley; Turkestan Range)

Characteristics of mineralization processes in virgin Sierozem soils. O. G. Elkina. Trudy SAGU no. 60:45-68 '54.

SIGHT

Modification in the functional lability of the visual analyser during therapy of coronary insufficiency. A. P. Matusova. Terap. arkh. 28 no. 6:54-59 '56.

Possibility of isolated damage of the visual analyser of the first and second signal systems. S. N. Davidenkov, S. N. Dotsenko. Zhur. vys. nerv. deiat. 6 no. 4:525-531 Jl-Ag '56.

Role of the visual analyser in compensatory processes in man following the operation of splitting the forearm. V. M. Kas'ianov, P. I. Gumener. Uch. zap. MGPI 84: 71-83 '55.

SIGNALS AND SIGNALING

Channels for remote signaling by wire communication lines. B. I. Skliarevskii. Elek. sta. 27 no. 9:39-42 S '56.

Signaling the stoppage of power to large direct-current installations. P. M. Vaisburd, IA. A. Shapirshtein. Prom. energ. 11 no. 10:6-7 O '56.

Systems for relaying remote signals. A. M. Grokhol'skii, L. S. Orelovich. Elek. sta. 27 no. 9:42-44 S '56.

SIKHOTE-ALIN RANGE—SERPENTINE

Geological aspects of ophiolitic series in the Sikhote-Alin Range. N. A. Beliaevskii. Inform. sbor. VSEGEI no. 2: 48-49 '55.

SILAGE see Ensilage

SILANE

Dehydrochlorination of dichloroisopropyltrichlorosilanes and the methylation of chloroisopropenyltrichlorosilanes. A. D. Petrov, V. F. Mironov, V. G. Glukhovtsev. Dokl. AN SSSR 110 no. 1:93-96 S-O '56.

Halogenation of aromatic silanes. Part 3. Preparation and properties of chlorine and bromine derivatives of benzyltrichlorosilane. G. V. Motsarev, A. IA. IAkubovich. Zhur. ob. khim. 26 no. 9:2622-2630 S '56.

Interaction of triphenylfluosilane and triphenylchloromethane with diphenylamine in the presence of lithium. V. S. Chugunov. Zhur. ob. khim. 26 no. 9:2474-2475 S '56.

Optical study of tetraethylsilane, ethylsilane chlorides, and regularities in the chlorination of these compounds. M. I. Batuev and others. Izv. AN SSSR, Otd. khim. nauk no. 9:1070-1076 S '56.

Research in the synthesis and conversion of vinyl silicon compounds. Part 2. Vinylation of hydrogen containing halo silanes and alkyl dihalo silanes by the contact method. M. F. Shostakovskii, D. A. Kochkin. Izv. AN SSSR, Otd. khim. nauk no. 9:1150-1152 S '56.

Synthesis and properties of triphenylsiloxysilanes and products of their hydrolysis. V. S. Chugunov. Izv. AN SSSR. Otd. khim. nauk no. 9:1059-1061 S '56.

SILICA

(see also subdivision under Volga Valley)

Division of the geological history of silica into periods. G. A. Kaleda. Vop. min. osad. obr. 3/4:277-291 '56.

SILICA—SPECTRA

Reflection and transmission spectra of various silica modifications within the 7-24$\mu$ wave-length range. N. A. Sevchenko, V. A. Florinskaia. Dokl. AN SSSR 109 no. 6:1115-1118 Ag '56.

SILICATES

Liquation in the ternary system CaO - BaO - $SiO_2$. I. A. Bondar'. Zhur. neorg. khim. 1 no. 7:1630-1642 Jl '56.

"Model" systems $Rb_2BeF_4$ - $Na_2BeF_4$ and $Ba_2SiO_4$ - $Ca_2SiO_4$. N. A. Toropov, R. G. Grebenshchikov. Zhur. neorg. khim. 1 no. 7:1618-1628 Jl '56.

The NS-1 pump unit for chemical hardening of ground. V. V. Askalonov. Nov. tekh. i perod. op. v stroi. 18 no. 10:19-21 O '56.

SILICIDES

Certain crystallochemical properties of the silicides of the transition elements [with English summary in insert]. IA. S. Umanskii, G. V. Samsonov. Zhur. fiz. khim. 30 no. 7:1526-1536 Jl '56.

SILICOALUMINATES see Aluminum silicates

SILICOMOLYBDATES

Method of determining vitamin C by sodium silicomolybdate. L. E. Olifson, A. M. Markhashov. Apt. delo 5 no. 5:41-43 S-O '56.

SILICON—TESTING

Heat conductivity isotherms for silicon and its iron alloys at elevated temperatures. B. B. Kuprovskii, P. V. Gel'd. Fiz. met. i metalloved. 3 no. 1:182-183 '56.

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON ORGANIC COMPOUNDS

Interaction of five- and six-membered silicohydrocarbons with a silicon atom in the ring with concentrated sulfuric acid. A. F. Plate, N. A. Belikova, IU. P. Egorov. Izv. AN SSSR. Otd. khim. nauk no. 9:1085-1090 S '56.

Research in the synthesis and conversion of oxygen-containing organosilicon compounds. Part 6. Preparation of secondary dialkyl-(aryl) chlorosilanes, dialkyl-(aryl)silanols and some of their conversions. M. F. Shostakovskii, D. A. Kochkin, V. M. Rogov. Izv. AN SSSR. Otd. khim. nauk no. 9:1062-1069 S '56.

Research in the synthesis of silicon organic compounds. Part 1. Mechanism of the reaction between methyl chloride and silicon in the presence of copper. A. L. Klebanskii, V. S. Fikhtengol'ts. Zhur. ob. khim. 26 no. 9:2502-2509 S '56.

Some derivatives of disilanepropane. A. V. Topchiev and others. Dokl. AN SSSR 110 no. 1:97-100 S-O '56.

SILICOSIS see Lungs—Dust diseases

SILK MANUFACTURE see subdivision under Byzantine Empire; Iran

SILKWORMS

(see also subdivision under Lvov Province)

Gamma rays for destroying pupas and conserving the cocoons of silkworm. R. IA. Kipiani, T. V. TSetskhladze. Soob. AN Gruz. SSR 17 no. 7:657-662 '56.

Wintering characteristics and state of the diapause of Chinese tussah moth feeding as larvae on the leaves of gray willow (Salix cinerea). K. V. Karlash. Trudy Inst. zool. AN URSR 13:35-44 '56.

SILKWORMS—DISEASES

Mechanism of cellular infection due to polyhedral viruses studied in the light of observations on the size and form of polyhedra. S. M. Gershenzon. Dokl. AN SSSR 109 no. 6:1199-1201 Ag '56.

SILOS

Facing pit and trench silos with paper materials. A. Filippovich. Sel'. stroi. 11 no. 9:18 S '56.

SILOXANES—ELECTRIC PROPERTIES

Electric properties and the structure of organosilicon polymers. K. A. Andrianov, G. E. Gotubkov. Zhur. tekh. fiz. 26 no. 8:1689-1695 Ag '56.

SILVA, ADEMAR DA

Ademar da Silva and Leonid Shcherbakov, masters of the hop, step and jump. N. Ozolin, D. Markov. Leg. atl. no. 9:10-12 S '56.

SILVER

Impregnation of brain cells with silver by using direct current. V. A. Abovian. Biul. eksp. biol. i med. 42 no. 8:76-80 Ag '56.

Investigation of the sublimation of silver by radioactive indicator method and with the aid of a mass spectrometer [with English summary in insert]. IU. V. Kornev, E. Z. Vintaikin. Zhur. fiz. khim. 30 no. 7: 1540-1546 Jl '56.

Using silver fillings as catalyst in the production of formalin. I. I. Kotska, A. A. Satler. Gidroliz. i lesokhim. prom. 9 no. 5:20-21 '56.

SILVER—ANALYSIS

Using complexone III for improving the specificity of the dithizone method for determining silver. V. G. Goriushina, E. IA. Gailis. Zav. lab. 22 no. 8:905-907 Ag '56.

SILVER-CADMIUM ALLOYS—METALLOGRAPHY

Effect of fusible metal additives on the elimination rate of the volatile constituents from solid solutions and on the structure of specimens. F. A. Santalov. Fiz. met. i metalloved. 3 no. 2:247-253 '56.

SILVER FOX

Early culling of defective vixens of the breeding stock and preliminary selection of cubs. S. A. Illarionov, A. N. Nikitina. Kar. izver. 9 no. 5:34-36 S-O '56.

Progressive work practices of M. A. Krikov, fur breeder of the "Maikhe" collective farm. I. S. Betous, A. V. Chekrygina. Kar. i zver. 9 no. 5:37-40 S-O '56.

SILVER FOX—DISEASES AND PESTS

Controlling opisthorchosis in silver foxes. V. F. Martynov. Kar. i zver. 9 no. 5:45-46 S-O '56.

SILVER FOX—FEEDING AND FEEDING STUFFS

Feeding mushrooms to fur-bearing animals. A. I. Nalimov. Kar. i zver. 9 no. 5:60 S-O '56.

Rationed feeding of high-quality feeds is the basis for high reproductive capacity in fur animals. N. Sh. Perel'dik. Kar. i zver. 9 no. 5:30-34 S-O '56.

SILVER HYDROXIDE

Study of the formation of silver hydroxide. I. V. Tananaev, N. V. Mzareulishvili. Zhur. neorg. khim. 1 no. 8:1826-1831 Ag '56.

SILVER OXIDES

Electrochemical investigation of surface compounds of oxygen on silver [with English summary in insert]. I. N. Pospelova, A. A. Rakov, S. IA. Pshezhetskii. Zhur. fiz. khim. 30 no. 7:1433-1437 Jl '56.

SILVER-ZINC ALLOYS—METALLOGRAPHY

Effect of fusible metal additives on the elimination rate of the volatile constituents from solid solutions and on the structure of specimens. F. A. Santalov. Fiz. met. i metalloved. 3 no. 2:247-253 '56.

SIMFEROPOL'—CANNING AND PRESERVING

Parcel from Bulgaria. TS. Kivina. Rad. zhin. 11 no. 10:11 O '56.

SIMPLIFICATION IN INDUSTRY

General introduction of preferred numbers. V. V. Tkachenko. Standartizatsiia no. 4:3-6 Jl-Ag '56.

Improving the work done on normalization in various government departments. Standartizatsiia no. 4:36-39 Jl-Ag '56.

Selective assembly of multilink dimensional chains. A. F. Lesokhin. Standartizatsiia no. 4:21-26 Jl-Ag '56.

Standards for preferred numbers and for preferred number series. Standartizatsiia no. 4:81-91 Jl-Ag '56.

SINGAPORE

Travel notes. Suez Canal - Aden - Singapore. Tekh. mol. 24 no. 10:26-29 O '56.

SINGAPORE—DESCRIPTION

In Singapore. Isbella Blum. Ogonek 34 no. 47:18 N '56.

SINGERS, TATAR see subdivision under Moscow

SINGING—COMPETITIONS

A review of vocalists. I. IAnzem. Sov. muz. 20 no. 9: 105-107 S '56.

SINGING—INSTRUCTION AND STUDY

Instruction in singing lessons. S. G. Kargin. Nach. shkola 24 no. 11:31-33 N '56.

SINGING, CHORAL see Choral singing

SINGING SOCIETIES see Choral societies

SINKIANG PROVINCE—ECONOMIC CONDITIONS

The role of the People's Liberation Army in the economic construction of the outlying districts of the Chinese People's Republic during 1950-1955, using Sinkiang as an example. A. G. IAkovlev. Krat. soob. Inst. vost. no. 21:54-70 '56.

SINTERING

Factors interfering with the normal shrinkage in sintering powdered metals. I. M. Fedorchenko. Zhur. tekh. fiz. 26 no. 9:2067-2075 S '56.

Production of fluxed sinter cake made of fine concentrates. I. R. Migutskii. Metallurg no. 10:5-7 O '56.

Sintering of nonmonophasic solids. Part 1. Sintering of heterogeneous granules. B. IA. Pines. Zhur. tekh. fiz. 26 no. 9:2086-2099 S '56.

Sintering of nonmonophasic solids. Part 2. Sintering of compressed powder mixtures. Concentration dependence of shrinkage. B. IA. Pines, N. I. Sukhinin. Zhur. tekh. fiz. 26 no. 9:2100-2107 S '56.

SINUSITIS

Highmoritis. V. K. Trutnev. Zdorov'e 2 no. 10:12-13 O '56.

SIVASHEV, GRIGORII IOSIFOVICH

Grigorii Sivashev, an excellent blacksmith. S. Ignatov. Blok. agit. vod. transp. no. 16:23-26 S '56.

SIZING (PAPER)

Machine for paraffin wax sizing and cutting of wrapping paper. V. S. Gavrilov. Bum. prom. 31 no. 9:23-24 S '56.

SKELETON see subdivision under Lebyazh'ye (Pavlodar Province)

SKIN

The effect of oxyethylated polymer destillated on the skin and its use as a detergent in the chemical industry. N. S. Sorinson, V. G. Smirnova. Gig. i san. 21 no. 10: 26-29 O '56.

Effect of X rays on the skin of dogs. D. D. Logvinov. Sbor. trud. Khar'. vet. inst. 20:200-206 '40.

SKIN—CANCER

(see also subdivision under Krasnodar Territory)

Cytological examination in diagnosis of skin cancer. O. I. Nemirovskaia. Vop. onk. 2 no. 4:480-483 '56.

Effect of novocaine on the metastatic development of Brown-Pearce tumor [with summary in English]. I. P. Tereshchinko. Vop. onk. 2 no. 4:414-416 '56.

SKIN—CARE AND HYGIENE

Lass, D.I. [Care of the skin; manual for beauty-parlor workers] Ukhod za kozhei litsa; posobie dlia rabotnikov kosmeticheskikh kabinetov. Izd. 2-oe, dop. i perer. Moskva, Izd-vo ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 159 p. (DAFM)

SKIN—DISEASES

Arutiunov, V.IA. [Skin and venereal diseases] Kozhnye i venericheskie bolezni. Moskva, Medgiz, 1956. 474 p. (DAFM)

Nazarov, G.S. [Skin diseases of domestic animals and their treatment] Kozhnye bolezni domashnikh zhivotnykh i ikh lechenie. [Saratov] Saratovskoe kn-vo, 1955. 83 p. (DA)

Subcutaneous oxygen injection in some skin diseases. IA. I. Batkin. Voen.-med. zhur. no. 7:85 Jl '56.

SKIN—DISEASES—ABSTRACTS

[Abstracts of Soviet medical literature: Skin and venereal diseases.] Sovetskoe meditsinskoe referativnoe obozrenie: Kozhnye i venericheskie bolezni no. 9 '56.

SKIN—TUMORS

Problem of melanomas of the skin [with summary in English]. A. V. Sidorov. Vop. onk. 2 no. 4:478-480 '56.

SKIN GRAFTING

Formation of an artificial vagina by transplanting skin grafts from the thighs. I. I. Charkviani. Akush. i gin. 32 no. 4:67 Jl-Ag '56.

Free skin grafting in radiation sickness [with summary in English, p.160]. V. I. Petrov. Vest. khir. 77 no. 9: 85-90 S '56.

SKIS AND SKIING

Curling of three-layer and multilayer skis. K. K. Arsen'ev. Der. prom. 5 no. 10:15 O '56.

Fall training in skiing. M. A. Agranovskii. Teor. i prak. fiz. kul'. 19 no. 9:678-683 '56.

Skiing lessons in the first and second grades. S. K. Fomin. Izv. Akad. ped. nauk RSFSR no. 83:49-71 '56.

SKOLE DISTRICT—BOARDING SCHOOLS

"...I'm well off here..." A. Rakitnikov. Krest'ianka 35 no. 11:8-9 N '56.

SKOVORODA, GRIGORII SAVVICH, 1722-1792

History of Ukrainian-Rumanian literary ties; in connection with a gift to the Academy of Sciences of the Ukrainian S. S. R. from Jassy University. P. M. Popov. Visnyk AN URSR 27 no. 9:38-44 S '56.

SKULL—ABNORMITIES AND DEFORMITIES

Associated form of congenital monstrosity of the cranium and of the brain. A. P. Burlutskii. Vop. neirokhir. 20 no. 5:46-47 S-O '56.

SKULL—FRACTURE

Diagnostic error in intracranial disease. B. F. Vargin. Vest. oto-rin. 18 no. 5:101-102 S-O '56.

SKULL—RADIOGRAPHY

Roentgenological signs of compensatory significance in the cranium and in the brain. M. B. Kopylov. Vop. neirokhir. 20 no. 5:29-38 S-O '56.

SLAG

Use pyrite cinders. I. M. Ognev. Zashch. rast. ot vred. i bol. 1 no. 4:32 S-O '56.

SLAG CEMENT

Hydraulic percussion unit for granulating blast furnace slags. M. F. Davidenko, A. A. Folomeev. Mekh. stroi. 13 no. 10:15-16 O '56.

SLAG CONCRETE

Erecting farm buildings using monolithic slag concrete. E. Solov'ev. Sel'. stroi. 11 no. 9:25-27 S '56.

SLAVERY—HISTORY

Problem of the crisis in the slavery system and the genesis of feudalism. V. V. Struve, N. V. Pigulevskaia. Vop. ist. no. 9:186-195 S '56.

SLAVIC STUDIES

(see also subdivision under Poland; Uzhgorod)

Scholarly collaboration of the Institute of Slavic Studies with the scholars of the Slavic people's democracies. I. A. Khrenov. Krat. soob. Inst. slav. no. 19:3-7 '56.

SLAVIC STUDIES—CONGRESSES

(see also subdivision under Moscow)

Results of work of the Soviet committee of Slavists in preparing for the International Congress of Slavists. Vest. AN SSSR 26 no. 10:91 O '56.

SLAVS

(see also subdivision under Argentina)

Ancient Slavic settlement on the Pilipenko Mountain. V. A. Bogaevich. Nauk. zap. Kiev. un. 9 no. 5:5-10 '56.

Discussion of aspects of the early history of the Eastern Slavs at the Institute of Archaeology of the Academy of Sciences of the Ukrainian S. S. R. B. V. Maksimov. Krat. soob. Inst. Arkheol. AN URSR no. 6:72-78 '56.

Some debatable points in the early history of the Eastern Slavs. M. IU. Braichevskii. Krat. soob. Inst. arkheol. AN URSR no. 6:79-86 '56.

SLAVS—HISTORY

Studying the history of Slavic people's democracies at the Institute of History of the Academy of Sciences of the Ukrainian S. S. R. A. V. Santsevych. Nauk. zap. Inst. ist. AN URSR 7:301-310 '56.

SLEEP

Pneumoencephalography in children during drug-induced sleep. S. A. Mel'nikov. Zhur. nevr. i psikh. 56 no. 9: 740-749 '56.

Some data on the similarity of the dynamics of protein metabolism in a state of excitation and in drug-induced sleep. I. V. Savyts'kyi. Fiziol. zhur. [Ukr.] 1 no. 4: 103-110 Jl-Ag '55.

SLEEP—THERAPEUTIC USE

Data on sleep therapy. O. A. Aizenberh. Fiziol. zhur. [Ukr.] 1 no. 4:28-39 Jl-Ag '55.

Sleep therapy in thermal trauma of the spinal cord. E. A. Romanovskaia. Fiziol. zhur. 42 no. 5:351-356 My '56.

Treatment of bronchial asthma and of other diseases by periodic alternation of inhibition and stimulation of the central nervous system. TS. Mikhailova. Zhur. vys. nerv. deiat. 6 no. 4:550-554 Jl-Ag '56.

SLEIGHS AND SLEDGES

Sleds for sport. Klub 6 no. 11:30-31 N '56.

SLIDE RULE

The first time among cooperative societies of the Russian S. F. S. R. N. Reshetkin. Prom. koop. no. 10:29 O '56.

Rapid method of calculating deliveries. B. S. TSykin. Der. prom. 5 no. 10:15-16 O '56.

SLINGS AND HITCHES—SAFETY MEASURES

Levinskii, I. V. [Safety manual for operators of lifting slings] Pamiatka po tekhnike bezopasnosti dlia stropal'shchikov. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 35 p. (Tekhnika bezopasnosti)

SLOVAKIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Aid of Soviet guerrillas to the Slovak national uprising in 1944. I. A. Petera. Nauk. zap. Inst. ist. AN URSR 7:87-112 '56.

SLUICES

Concrete work in building the sluices at the Kuybyshev Hydroelectric Power Station. IA. R. Besser, M. F. Korotkii, M. N. Sats. Gidr. stroi. 25 no. 9:8-15 O '56.

Experience with operating butterfly sluice gates. V. V. Sadovenko. Gidr. stroi. 25 no. 10:33-35 O '56.

SMARODS, IULII PETROVICH, d. 1956

In memory of IU. P. Smarods. Zashch. rast. ot vred. i bol. 1 no. 4:64 S-O '56.

SMELTING

(see also subdivision under Kuznetsk Basin; Zaporozh'ye)

Effect of vacuum smelting on the properties of metals. (From foreign journals). V. Kashin, B. Linchevskii. Stal' 16 no. 9:868-860 S '56.

Experimental practice and methods for high-temperature research (conference at the A. A. Baikov Institute of Metallurgy). B. V. Lincheskii. Vest. AN SSSR 26 no. 9:107-109 S '56.

Work organization in the brigade. P. M. Baranov. Metallurg no. 10:18-19 O '56.

SMELTING—COSTS

Lowering the cost of smelting electric steel. A. F. Kabliukovskii. Metallurg no. 10:14-17 O '56.

SMELTING FURNACES see subdivision under Novaya Pokrovka

SMOKE PIPES see Flues

SMOLENSK—CHURCHES

Cathedral of the Assumption in Smolensk, Bishop Mikhail. Zhur. Mosk. Patr. no. 7:28-33 Jl '56.

SMOLENSK—CONCERTS

Smolensk. Sov. muz. 20 no. 9:118 S '56.

SMUTS

Controlling smut on virgin lands. P. Arkhangel'skii. Zashch. rast. ot vred. i bol. 1 no. 4:6-7 S-O '56.

SNAKES see Serpents

SNOW

(see also subdivision under Pamirs)

Effect of ice crust on the runoff of snow melt on slopes. P. A. Uryvaev. Meteor. i gidrol. no. 9:39-41 S '56.

First snow. G. D. Rikhter. Priroda 45 no. 11:123-124 N '56.

SNOW REMOVAL

High production snow removal machine. M. A. Ivanov. Avt. dor. 19 no. 9:27 S '56.

SNOWPLOWS

Design for suspension and control unit of snowplow blades. M. A. Okunev. Avt. dor. 19 no. 9:25-26 S '56.

SOAP

Soap stock waste as a new plasticizer. P. E. Dvelig. Biul. stroi. tekh. 13 no. 9:13-14 S '56.

Use of naphtha soap as anticorrosive for copper powder. A. V. Pomosov, E. E. Krymskova. Zhur. prikl. khim. 29 no. 9:1435-1436 S '56.

SOAP—THERAPEUTIC USE

Treatment of trichomoniasis of female genitalia with liquid tar soap and hypertonic sodium chloride solutions. E. L. Rybalka. Akush. i gin. 33 no. 4:72-74 Jl-Ag '56.

SOB RIVER BASIN—ANTIQUITIES

Materials for an archaeological map of the Sob River Basin. P. I. Khavliuk. Krat. soob. Inst. arkheol. AN URSR no. 6:10-21 '56.

SOCCER

(see also subdivision under Moscow)

Before the Olympic tournament in soccer. S. P. Metchanov. Teor. i prak. fiz. kul't. 19 no. 9:705-707 '56.

Tovarovskii, M. D. [Soccer; an illustrated textbook on the techniques of the game] Futbol; nagliadnoe uchebnoe posobie po tekhnike igry. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 126 p.

Worthy opponents. S. Flor. Ogonek 34 no. 40:32 S '56.

SOCIAL GROUP WORK

After-school groups in the schools of cities and workingmen's settlements in the R. S. F. S. R. Nauch. mikola 31 no. 10:62-63 O '56.

Problems of great importance. E. Popova, L. Filisenko. Klub 6 no. 10:21-22 O '56.

SOCIAL INSURANCE see Insurance, Social

SOCIAL SCIENCES

Be active in recommending political books. Bibliotekar' no. 10:7-10 O '56.

Improve the promoting of sociopolitical literature. A. Khrenkova. Bibliotekar' no. 10:1-6 O '56.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—PERIODICALS

Preparing a special issue of the UNESCO "Bulletin of social sciences." Vest. AN SSSR 26 no. 9:88-89 S '56.

SOCIAL SCIENCES—STUDY AND TEACHING

Teaching the social sciences in institutions of higher learning. D. Kukin. Mosk. prop. 13 no. 10:18-25 O '56.

SOCIAL SERVICE

At the end of the number. Sots. obesp. 17 no. 9:63 S '56.

SOCIAL WELFARE see subdivision 'Public warfare' under Egypt

SOCIALISM—HISTORY see subdivision under Ukraine

SOCIALIST COMPETITION

Broaden socialist competition for fulfillment of the sixth five-year plan! Radio no. 9:3 S '56.

Success is achieved in socialist competition. A. Lipatkov. Sov. profsoiuzy 4 no. 10:15-22 O '56.

SOCIOLOGY—CONGRESSES see subdivision under Amsterdam

SODA INDUSTRY

Mikulin, G. I., and I. K. Polinkov. [Distillation in the production of soda] Destillirovanie v proizvodstve sody. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 347 p.

SODIUM—SPECTRA

Determining limit concentrations for the self-absorption of spectral lines in arc discharges. V. S. Mel'chenko. Opt. i spektr. 1 no. 3:321-329 Jl '56.

Shape and width of spectral lines in d.c. electric arcs. V. F. Kitaeva, N. N. Sobolev. Opt. i spektr. 1 no. 3: 302-320 Jl '56.

SODIUM—STUDY AND TEACHING

Method for acquainting the 10th class students with the production of sodium and sodium hydroxide. A. A. Osipov. Khim. v shkole 11 no. 5:29-36 S-O '56.

SODIUM ALUMINOSILICATES—ELECTRIC PROPERTIES

Dielectric losses in glasses. Part 2. Investigation of the electric and physical properties of sodium aluminosilicate glasses. N. M. Vorobeichik, V. I. Odelevskii. Zhur. tekh. fiz. 26 no. 8:1699-1703 Ag '56.

SODIUM CLORIDE see Salt

SODIUM HYDROXIDE

Alkali method for cleaning onions. E. A. Davydova. Ryb. khoz. 32 no. 9:31 S '56.

SODIUM HYDROXIDE (Continued)
Thermography of the interaction of niobium pentoxide with sodium hydroxide. V. I. Spitsyn, A. V. Lapitskii. Zhur. neorg. khim. 1 no. 8:1771-1775 Ag '56.

SODIUM METAPHOSPHATES
Preventing the formation of copper scale by means of sodium hexametaphosphate. N. N. Man'kina, M. D. Loginov, T. A. Sashina. Teploenergetika 3 no. 10:33-36 O '56.

SODIUM SALTS
Irreversible-reciprocal system of sodium and lead chlorides and iodides. I. I. Il'inov, A. K. Bostandzhian. Zhur. ob. khim. 26 no. 9:2393-2398 S '56.
Solubility isotherm of the system $2Na^+, 2K^+ \| CO_3^{2-}, SO_4^{2-} + H_2O$ at 150°. L. S. Itkina, V. F. Kokhova. Zhur. neorg. khim. 1 no. 7:1665-1671 Jl '56.
Thermal stability of easily fusible mixture of sodium and potassium nitrites and nitrates. N. K. Voskresenskaia, S. I. Berul'. Zhur. neorg. khim. 1 no. 8:1867-1876 Ag '56.

SODIUM SULFATE
Use of sodium sulfate for sprinkling the grinder zone. (From "Paper Trade Journal," no. 6, 1956). N. B. Bum. prom. 31 no. 9:30 S '56.

SODIUM TRIPHOSPHATE
Washing turbine condensers with a solution of sodium triphosphate. S. N. Neziobin. Energetik 4 no. 10:16 O '56.

SODIUM TUNGSTATES
Study of the interaction of normal sodium tungstate and 8-oxyquinoline hydrochloride in an aqueous solution by conductometric titration. V. F. Degtiarev, E. P. Darienko. Zhur. neorg. khim. 1 no. 8:1798-1803 Ag '56.

SOIL, MINERALS IN see Minerals in soil

SOIL ACIDITY
Liming acid soils in the Lithuanian S. S. R. M. M. Kacas. Ud. i ur. 1 no. 10:9-13 O '56.

SOIL BIOLOGY
Department of Biology and Soils. N. TS. Vest. Mosk. un. 11 no. 6:152-157 Je '56.

SOIL BIOLOGY—BIBLIOGRAPHY see Bibliography—Soil biology

SOIL CHEMISTRY—BIBLIOGRAPHY see Bibliography—Soil chemistry

SOIL CONDITIONERS
(see also subdivision under Moscow Province)
Studying the use of processed gumbrin in viticulture [with French summary in insert]. Z. G. Bagdasarashvili. Pochvovedenie no. 7:102-105 Jl '56.

SOIL CONSERVATION
(see also subdivision under Soviet Central Asia)
Controlling wind and water erosion of soils in the U. S. S. R. S. S. Sobolev, I. F. Sadovnikov. Pochvovedenie no. 7:18-29 Jl '56.
For systematic erosion control in vineyards. N. A. Shcherbatiuk. Vin. SSSR 16 no. 5:57-58 '56.

SOIL CULTIVATION see Tillage

SOIL DISINFECTION
Disinfecting soil with steam. M. A. Zhuravlev, V. N. Korchagin. Zashch. rast. ot vred. i bol. 1 no. 4:36-37 S-O '56.

SOIL EROSION see Erosion

SOIL FERTILITY
(see also subdivision under Fergana)
Effect of long-lived grass-legume mixtures on soil fertility. M. M. Rozhkov. Zemledelie 4 no. 10:114-116 O '56.
Fertility of genetic horizons of cultivated oasis soils, virgin Sierozem soils and "duval" soils. M. A. Orlov, V. I. Nagornaia, S. N. Pustovoit. Trudy SAGU no. 60:69-86 '54.
Fertility of virgin and waste lands. E. V. Kulakov and others. Zemledelie 4 no. 10:26-36 O '56.
Professor S. E. Miklar's book "Soil fertility." Reviewed by A. V. Peterburgskii. Ud. i ur. 1 no. 10: 63-64 O '56.

SOIL FERTILITY—BIBLIOGRAPHY see Bibliography—Soil fertility

SOIL MECHANICS
Design of structures considering irregular settling due to rock displacement. R. A. Muller. [Trudy] VNIMI no. 30:80-134 '56.
Effect of lightweight passages on resistance to seepage in foundation soils. A. I. Antipov. Gidr. stroi. 25 no. 9:48-51 O '56.
Effect of sand moisture on its critical porosity. N. N. Sidorov. Sbor. LIIZHT no. 150:83-86 '56.
Experimental investigation of foundation anchors. L. N. Dzhiov. Gidr. stroi. 25 no. 9:28-31 O '56.
The NS-1 pump unit for chemical hardening of ground. V. V. Askalonov. Nov. tekh. i pered. op. v stroi. 18 no. 10:19-21 O '56.

SOIL MICRO-ORGANISMS
Role of perennial forage plants in improving the properties of soil. L. A. Makarova, T. A. Stenina. Trudy Kom. fil. AN SSSR no. 2:19-26 '54.
Studying the microflora of soil walls. O. G. Elkina. Trudy SAGU no. 60:21-32 '54.

SOIL MICRO-ORGANISMS—BIBLIOGRAPHY see Bibliography—Soil micro-organisms

SOIL MOISTURE
(see also subdivision under Issyk-Kul Province; Kazakhstan; Saratov Province)
Movement of soil moisture, water relations of soil, and methods for determining the time for irrigation cotton. S. N. Ryzhov. Trudy SAGU no. 60:33-43 '54.
Significance of the snow cover for the accumulation of moisture in Alpine desert soils. V. M. Sveshnikova. Dokl. AN Tadzh. SSR no. 17:53-57 '56.

SOIL PERCOLATION
Determining the filtration coefficient and active porosity on the basis of wetting down dry ground underlain by a horizontal water-resistant layer. G. I. Barenblatt, V. M. Shestakov. Razved. i okh. nedr 22 no. 8:43-46 Ag '56.
Field determination of seepage losses in irrigation canals. A. S. Kliueva. Trudy Inst. ved. khoz. i energ. AN Kir. SSR no. 1:27-39 '54.
Flow of ground water into a river drainage channel enclosed with water impermeable sheet pile walls. F. B. Nel'son-Skornikov. Gidr. stroi. 25 no. 9: 44-47 O '56.

SOIL PHYSICS
(see also subdivision under Kochkur Valley)
Instrument for determining the stability of soil structure in undisturbed soil samples [with French summary in insert]. N. D. Pustovoitov. Pochvovedenie no. 7:111-114 Jl '56.
Role of perennial forage plants in improving the properties of soil. L. A. Makarova, T. A. Stenina. Trudy Kom. fil. AN SSSR no. 2:19-26 '54.
Ryzhov, S. N. [Methods for determining the physical properties of soils] Metody opredeleniia fizicheskikh svoistv pochv. Tashkent, 1951. 47 p. (DA)

SOIL PHYSICS—BIBLIOGRAPHY see Bibliography—Soil physics

SOIL RESEARCH
(see also subdivision under Kirgizistan)
Work of the Agricultural Chemistry and Soil Science Section of the House of Science of the U. S. S. R. Academy of Sciences in Moscow during the period of 1953-1955. E. I. Shkonde. Pochvovedenie no. 7:127-128 Jl '56.

SOIL STABILIZATION
Some results of using electrochemical soil stabilization under operating conditions. G. N. Zhinkin. Sbor. LIIZHT no. 150:72-82 '56.

SOIL SURVEYS see subdivision under Leninabad Province

SOIL TEMPERATURE
Characteristics of the soil temperature in reclaimed swamps. E. P. Arkhipova. Meteor. i gidrol. no. 8:32-35 Ag '56.
Effect of soil temperature on the development and accumulation of starch in potatoes. F. IA. Buzover. Biul. Glav. bot. sada no. 24:46-51 '56.

SOILS
(see also subdivision under Bukhara; Karelia; Ketmen'-Tyuba Valley; Komi A. S. S. R.; Leninabad Province; Mologa Valley; Ossetia; Polesye; Rostov Province; Sheksna Valley; Tajikistan; Tien-Shan Province; Volga Valley)
All-Union conference of soil scientists. V. M. Fridland. Izv. AN SSSR, Ser. geog. no. 3:155-157 My-Je '56.
Ancient cultivated oasis soils in the Messerian Plain. M. A. Orlov. Trudy SAGU no. 60:3-20 '54.
Organize the study of soil on collective and state farms. P. A. Dmitrenko, S. A. Skorina. Zemledelie 4 no. 10:116 O '56.
Searching, ever searching. Ivan Vinnichenko. Nash. sovr. 3:183-200 '56.
Studying soils of one's own region. I. A. Pavlenko. Geog. v shkole 19 no. 5:39-48 S-O '56.

SOILS—ANALYSIS
Field laboratory for the analysis of soils and plants. K. P. Magnitskii. Ud. i ur. 1 no. 10:23-32 O '56.
Methods for determing free $Fe_2O_3$ in carbonaceous soils. L. I. Dashevskii, T. N. Antonova. Trudy Otd. pochv. AN Kir. SSR no. 5:73-76 '56.
Methods of determining free $K_2O$ in soil. L. I. Dashevskii, T. N. Antonova, O. M. Nichiporenko. Trudy Otd. pochv. AN Kir. SSR no. 5:77-80 '56.
More attention to an important matter. V. D. Epishin. Zemledelie 4 no. 10:118 O '56.
Sectional soil sampler. Hsiung I. Pochvovedenie no. 7:122-123 Jl '56.
Simple method for determining the lime requirements of soils. V. M. Klychnikov. Ud. i ur. 1 no. 10:33-41 O '56.

SOILS—BACTERIOLOGY
Effect of the concentration factor of micro-organisms on their propagation. A. G. Gebgardt, G. A. Makushevskaia. Dop. ta pov. L'viv. un. no. 4, pt. 2:32 '53.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—MAPS
Soil map of the world. I. P. Gerasimov. Priroda 45 no. 10:5-13 O '56.

SOILS, FROZEN see Frozen ground

SOILS AND CROPS see Crops and soils

SOLAR BATTERIES see subdivision under United States

SOLAR CORONA see Sun—Corona

SOLAR HEATING
A sun stove. P. Chumak. Ogonek 34 no. 40:32 S '56.

SOLAR RADIATION
Measuring the total solar radiation and albedo of the earth to an altitude of 10-20 kilometers. E. M. L'vova. Trudy TSAO no. 16:31-38 '56.
More on the possibility of solar energy absorption by crystalline matter of the earth. V. I. Lebedev. Izv. AN SSSR, Ser. geol. 21 no. 8:91-100 Ag '56.
Solar radiation in absolutely clear and dry air in the troposphere. V. G. Kastrov. Trudy TSAO no. 16:26-30 '56.
Solar radiation in October. N. A. Danilova. Priroda 45 no. 10:126-127 O '56.
Zonal distribution of currents of total solar radiation entering the earth's surface. T. G. Berliand. Meteor. i gidrol. no. 9:22-25 S '56.

SOLDER AND SOLDERING
Preparation of flux for silver solder in a plant laboratory. O. V. Braun. Sakh. prom. 30 no. 8:39-40 Ag '56.

SOLDIERS
For lively organizational work among young soldiers. G. Shatunov. Mol. komm. 14 no. 10:10-17 O '56.

SOLDIERS—HYGIENE see Military hygiene

SOLIDIFICATION
Conference on problems of metal solidification. O. N. Magnitskii, L. M. Postnov. Lit. proizv. no. 9:30-31 S '56.
Effect of insoluble admixtures on the viscosity of molten metals in case of undercooling. G. I. Goriaga, E. G. Shvidkovskii. Vest. Mosk. un. 11 no. 6:33-37 Je '56.
Low-temperature recrystallization of metals. R. I. Garber and others. Dokl. AN SSSR 110 no. 1:64-66 S-O '56.

SOLIDS
Determination of the real heat capacity of solids at low temperatures. M. M. Popov, V. P. Kolesov. Zhur. ob. khim. 26 no. 9:2385-2393 S '56.
New X-ray spectroscopic techniques for investigating the electron structure of solids [translations and surveys of foreign periodical literature] Problemy sovremennoi fiziki 8 no. 10 '56. 194 p.
Physical chemistry and the strength of solid bodies. V. I. Likhtman. Vest. AN SSSR 26 no. 9:8-13 S '56.
Theory of the collective description of interaction of electrons in solids. V. P. Silin. Fiz. met. i metalloved. 3 no. 2:193-199 '56.

SOLIKAMSK—BARK PEELING
Improvement of bark-stripping installations. S. S. Trushin. Bum. prom. 31 no. 9:32 S '56.

SOLONETZ SOILS
Degree of variation in the chemical properties of Solonetz soils of the Chernozem region [with French summary in insert]. G. M. Kader. Pochvovedenie no. 7:116-121 Jl '56.

SOLOV'EV, PAVEL ALEKSANDROVICH
Armorer and inventor. V. Korol'kov. Voen. znan. 31 no. 8:25 Ag '56.

SOLUBILITY
Rate of solution for minerals as a property of multicomponent salt systems. M. L. Chepelevetskii and others. Zhur. neorg. khim. 1 no. 7:1512-1522 Jl '56.

SOLUBILITY—TABLES
Combined solubility table of electrolytes. A. I. Keil'man. Khim. v shkole 11 no. 5:71-72 S-O '56.

SOLUBLE SALTS see Salts, Soluble

SOLUTION (CHEMISTRY)
Heat conductivity of binary solutions. N. V. TSederberg. Teploenergetika 3 no. 9:42-48 S '56.

SOLUTION (CHEMISTRY) (Continued)

Shakhparonov, M. I. [Introduction to the molecular theory of solutions] Vvedenie v molekuliarnuiu teoriiu rastvorov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 307 p.

SOLUTIONS—SPECTRA

Effect of the anisotropy of the solvent on the absorption spectrum and emission of the admixture. A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 2:120-133 Ap-Je '56.

SOLUTIONS, SOLID

Solid solutions as the base of binary intermetallic phases. E. I. Hladyshevs'kyi. Dop. ta pov. L'viv. un. no. 3, pt. 2: 28-30 '52.

SOLVENTS

Determination of liquid-vapor equilibrium in azeotropic systems with a solvent. V. V. Kafarov, L. A. Gordievskii. Zhur. prikl. khim. 29 no. 4:535-543 Ap '56.

Study of certain petroleum products as solvents for DDT and hexachlorocyclohexane. I. M. Novruzly. Trudy Inst. khim. AN Azerb. SSR 15:126-130 '56.

SONAR IN FISHING

(see also subdivision under Germany)

Reconstruction of the ELA-10 echo-sounder for use in locating fish. P. G. Miroshnichenko, A. Kh. Pateev. Ryb. khoz. 32 no. 10:7-8 O '56.

SONGS

Let us compose resounding and winged songs. L. Berezova'kyi. Mystetstvo no. 4:24-26 Jl-Ag '56.

"Songs of the peoples of the world." Reviewed by IA. Solodukho. Sov. muz. 20 no. 9:153-155 S '56.

Stasov and the revolutionary song. A. Sokhov. Neva no. 10:202 O '56.

SONGS—HISTORY AND CRITICISM

Songs, verse, and lyrics. Sov. muz. 20 no. 9:47-53 S '56.

SONGS, LATVIAN

The Latvian revolutionary song. M. Gol'din. Sov. muz. 20 no. 10:65-70 O '56.

SONGS WITH ACCORDION

[With the accordion] Pod baian. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 29)
No. 3. 1956. score (102 p.)

SORPTION

Sorption of binary solutions by natural and synthetic rubber vulcanizates. Part 1. Apparent sorption isotherms [with English summary in insert]. G. L. Starobinets. Zhur. fiz. khim. 30 no. 7:1626-1635 Jl '56.

Sorption of lead in various rocks and its probable function in ore formation. E. V. Rozhkova, O. V. Shcherbak. Vop. min. osad. obr. 3/4:132-143 '56.

Studies of the porous structure of solids by sorption methods. Part 1. Analysis of various methods for calculating the pore volume distribution [with English summary in insert]. M. M. Dubinin. Zhur. fiz. khim. 30 no. 7:1652-1661 Jl '56.

SORREL see subdivision under Tien Shan

SOUND—RECORDING AND REPRODUCTION

Typical defects of the KUSU-52 unit. A. Savonov. Kinomekhanik no. 10:41 O '56.

SOUND—SPEED

Velocity of sound and the compressibility of aqueous solutions of inorganic acids. I. G. Mikhailov, V. A. Shutilov. Dokl. AN SSSR 110 no. 1:116-118 S-O '56.

SOUND WAVES

A method of obtaining nonstationary solutions of Boltzmann's kinetic equation [with English summary in insert]. I. I. Moiseev-Ol'khovskii. Zhur. eksp. i teor. fiz. 31 no. 2:238-243 Ag '56.

Reflection of sound by a thin rod in water. L. M. Liamshev, S. N. Rudakov. Dokl. AN SSSR 110 no. 1:48-51 S-O '56.

SOUNDING AND SOUNDINGS

Developing electric and radio navigation techniques in inland water transportation during the sixth five-year plan. V. P. Konstantinov. Rech. transp. 15 no. 8:12-15 Ag '56.

SOUTH AFRICA, UNION OF—RACE DISCRIMINATION

Where racism reigns. Brian Bunting. Nov. vrem. 14 no. 46:25-28 N '56.

SOUTH KOREA see Korea, South

SOUTH UKRAINIAN CANAL REGION—PASTURES AND MEADOWS

Improvement of pastures in the South Ukrainian Canal region. P. D. IAroshenko, M. A. Bukhalo. Dop. ta pov. L'viv. un. no. 3, pt. 2:15-17 '52.

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

Positive proof. Nov. vrem. 14 no. 46:21-22 N '56.

SOUTHERN CROSS (SHIP)

The liner "Southern Cross." I. Man. Mor. flot 16 no. 7:30-31 Jl '56.

SOVIET

Make the statute on local soviets conform with life's demand. V. K. Meliakin. Sov. gos. i pravo no. 8:125-127 '56.

Problems in the work of Soviets. V. Kozlov. Part. zhizn' no. 18:9-16 S '56.

SOVIET CENTRAL ASIA—FLOWER BUGS

Biology and economic significance of Orius albidipennis Reut. D. M. Kiranova. Trudy SAGU no. 53:149-164 '54.

SOVIET CENTRAL ASIA—GEOLOGY, STRATIGRAPHIC

History of magmatic and postmagmatic processes in Mesocenozoic plicated area of the Pamirs and some other regions in the southern part of Central Asia. M. Kh. Khamidov. Dokl. AN Tadzh. SSR no. 16:9-14 '56.

SOVIET CENTRAL ASIA—MOSSES

Hydrogonium Ehrenbergii (Lor.) Jaeg. from Central Asia. A. L. Abramova, I. I. Abramov. Bot. mat. Otd. spor. rast. 11 191-200 Ja '56.

SOVIET CENTRAL ASIA—ORE DEPOSITS

Genesis of polymetallic deposits of Central Asia. V. P. Nekhoroshev. Inform. sbor. VSEGEI no. 2:56-61 '55

SOVIET CENTRAL ASIA—PHYSICAL GEOGRAPHY

Division of Central Asia into physical geographical regions. P. S. Makeev. Vop. geog. no. 39:151-167 '56.

SOVIET CENTRAL ASIA—SOIL CONSERVATION

Possibility of simultaneous control of soil erosion and salinization. D. IA. Mikhailov. Trudy Otd. pochv. Kir-FAN SSSR no. 4:45-52 '53.

SOVIET CENTRAL ASIA—STREAM MEASUREMENTS

Some aspects of long-period fluctuations of annual flow in rivers of Central Asia. M. N. Bol'shakov. Trudy Inst. ved. khoz. i energ. AN Kir. SSR no. 2:3-18 '55.

SOVIET CENTRAL ASIA—TERMITES

Methods for combating the Turkistan termite, a pest of industrial and residential buildings. G. I. Marechek. Trudy AN Tadzh. SSR 36:119-131 '55.

SOVIET FAR EAST—ACADEMY OF SCIENCES OF THE U. S. S. R.

Status and the further development of the Far Eastern branch. Vest. AN SSSR 26 no. 9:87 S '56.

SOVIET FAR EAST—AERONAUTICS IN METEOROLOGY

At the spurs of the Sikhote-Alin Range. A. Chistov. Kryl. rod. 7 no. 9:17-18 S '56.

SOVIET FAR EAST—ARCHAEOLOGY

Journey into the distant past. V. Tomashevskii. Dal'. vost. 24 no. 4:150-158 Jl-Ag '56.

SOVIET FAR EAST—BASIDIOMYCETES

Agaric fungi of the southern part of the Far East. L. N. Vasil'eva. Bot. mat. Otd. spor. rast. 11 140-146 Ja '56.

SOVIET FAR EAST—CEDAR

Kolesnikov, B. P. [Cedar forests of the Far East] Kedrovye lesa Dal'nego Vostoka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 261 p. (Akademiia nauk SSSR, Dal'nevostochnyi filial, Vladivostok. Trudy. Serlia botanicheskaia, Vol. 2).

SOVIET FAR EAST—COPEPODA

Dividing into regions the pelagic zones of Far Eastern seas and the contiguous waters of the Pacific on the basis of a study of copepods (Calanoida). K. A. Brodskii. Trudy probl. i tem. sov. no. 6:22-35 '56.

SOVIET FAR EAST—CUMACEA

Cumaceans of Far Eastern seas. N. B. Lomakina. Trudy probl. i tem. sov. no. 6:81-82 '56.

SOVIET FAR EAST—DESCRIPTION AND TRAVEL

Far Eastern encounters. Aleksandr Chistov. Nash. sovr. 3:239-249 '56.

SOVIET FAR EAST—FISHERIES

Possibilities for a considerable increase in the fish catch of the Far East. T. S. Rass. Ryb. khoz. 32 no. 9:57-60 S '56.

SOVIET FAR EAST—FISHERIES—MAPS

Basic principles and methods for compiling fish location maps of Far Eastern seas. G. U. Lindberg. Trudy probl. i tem. sov. no. 6:5-14 '56.

SOVIET FAR EAST—FISHES

Propagation areas of some spring-spawning fishes of Far Eastern seas. T. S. Rass and others. Trudy probl. i tem. sov. no. 6:136-137 '56.

SOVIET FAR EAST—FORAMINIFERA

Foraminifers of Far Eastern Seas of the Soviet Union. Z. G. Shchedrina. Trudy probl. i tem. sov. no. 6:65-71 '56.

SOVIET FAR EAST—GRENADIERS (FISH)

Research on the growth of deep-sea fishes. E. B. Kulikova. Trudy probl. i tem. sov. no. 6:132-135 '56.

SOVIET FAR EAST—INVERTEBRATES—MAPS

Atlas of the invertebrates of Far Eastern [illegible] Ushakov. Trudy probl. i tem. sov. [illegible]

SOVIET FAR EAST—LAMELLIBRANCHIATA

Biogeographical study of Far Eastern [illegible] Union based on the example of bivalvular [illegible] O. A. Skarlato. Trudy probl. i tem. sov. [illegible] '56.

SOVIET FAR EAST—LICHENS

New and interesting lichens. Report no. 2. E. A. [illegible] dina. Bot. mat. Otd. spor. rast. 11 [illegible] Ja '56.

New lichen species of the genus Cladonia (Brit.) [illegible] E. K. Shtukenberg. Bot. mat. Otd. spor. rast. [illegible] Ja '56.

SOVIET FAR EAST—MARINE FAUNA—RESEARCH

Resolution. Trudy probl. i tem. sov. [illegible]

SOVIET FAR EAST—MEDUSAE

Medusae in the Far Eastern seas of the Soviet Union. D. V. Naumov. Trudy probl. i tem. sov. [illegible]

SOVIET FAR EAST—NATURAL RESOURCES

Feigin, IA. G. [Methods of exploiting the natural resources of Siberia and the Far East] Puti osvoeniia prirodnykh bogatstv Sibiri i Dal'nego Vostoka. M. [illegible] Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 40)

SOVIET FAR EAST—NEMERTINEA

Pelagic nemerteans of Far Eastern seas. V. N. [illegible] vich. Trudy probl. i tem. sov. no. 6:42-45 '56.

SOVIET FAR EAST—POULTRY

High productivity of poultry in the Far East. D. N. [illegible] sidze, A. M. Klevakina. Ptitsevodstvo 6 no. 10:31-33 O '56.

SOVIET FAR EAST—RADIOLARIA

Radiolarians of Far Eastern seas. V. A. Dogel', V. S. Reshetniak. Trudy probl. i tem. sov. no. 6:61-64 '56.

SOVIET FAR EAST—WILD LIFE, CONSERVATION OF

Committee for the Protection of Nature. V. [illegible] Okh. i okh. khoz. no. 10:30 O '56.

SOVIET UNION see Russia

SOYBEAN

Dry soybean fermentation hydrolyzate. Z. A. [illegible] Chinenova. Ref. nauch. rab. VNIIKOP no. 3:[illegible]

SOZON—IAROSHEVICH, ARKADII IULIANOVICH, 1892 or 3-1956

In memory of A. IU. Sozon-IAroshevich. I. S. [illegible] Vop. netrokhir. 20 no. 4:63-64 Jl-Ag '56.

SPAAK, PAUL HENRI CHARLES, 1899-

Paul-Henri Spaak. Nov. vrem. 14 no. 43:31 O '56.

SPACE LATTICE (MATHEMATICS) see Lattice theory

SPACE STATIONS

"Earth satellite." Blatoborskl Eastnchy. Reviewed by IU. G. Perel'. Astron. zhur. 33 no. 4:634-635 Jl-Ag '56.

SPACE TRAVEL see Interplanetary voyages

SPACES, GENERALIZED

Concerning solvable extensions of the first order linear differential operators with partial derivatives. A. S. Dezin. Dokl. AN SSSR 110 no. 1:11-14 S-O '56.

Continuous images in Hilbert space. G. E. Khukhashvili. Izv. AN SSSR, Ser. mat. 20 no. 2:275-280 Mr-Ap '56.

Convergence of sequences of functions in certain linear spaces. A. S. Kovan'ko. Dop. ta pov. L'viv. un. ser. 3, pt. 2:47-48 '52.

Geometric interpretation of symmetric spaces with simple fundamental groups. B. A. Rozenfel'd. Dokl. AN SSSR 110 no. 1:23-26 S-O '56.

Projective transformations of Riemann spaces. A. S. Solodovnikov. Usp. mat. nauk 11 no. 4:45-116 Jl-Ag '56.

Spectral expansion of self-adjoint operators. V. B. Liubovin. Usp. mat. nauk 11 no. 4:139-142 Jl-Ag '56.

Strongly paracompact spaces. IU. M. Smirnov. Izv. AN SSSR, Ser. mat. 20 no. 2:253-274 Mr-Ap '56.

SPANISH AMERICA see Latin America

SPARK, ELECTRIC see Electric spark

SPASMS

Effect of paramyon on rigidity in decerebrated animals and on tail spasm induced with morphine. B. M. Butaev. Biul. eksp. biol. i med. 42 no. 8:55-57 Ag '56.

Functional changes and ammonia contents in the brain of rabbits by convulsive affects. V. I. Rozengart, M. N. Maslova, A. N. Paniukov. Dokl. AN SSSR 110 no. 1:123-124 S-O '56.

Rate of radioactive methionine incorporation into brain and liver proteins, as affected by convulsions. V. I. Rozengart, M. M. Maslova. Dokl. AN SSSR 109 no. 6:1170-1170 Ag '56.

SPECIES, ORIGIN OF see Origin of species

SPECIFIC HEAT see Heat capacity

SPECTROGRAPH

Diffraction spectrograph with double image and great resolving power. V. E. Stepanov, A. A. Kopystianskii. Dop. ta pov. L'viv. un. no. 4, pt. 2:74 '53.

Illumination of spectographs by volume light sources. S. G. Rautian. Opt. i spektr. 1 no. 3:439-440 Jl '56.

Recording X-ray vacuum spectrograph (for the 20-300 A range). A. I. Efremov, A. M. Tiutikov. Izv. AN SSSR. Ser. fiz. 20 no. 7:794-797 Jl '56.

Universal X-ray vacuum tubular spectrograph. I. B. Staryi. Izv. AN SSSR. Ser. fiz. 20 no. 7:798-800 Jl '56.

SPECTROMETER

Photoelectric recording technique for measuring the contour and breadth of Raman spectra. N. I. Rezaev, P. A. Bazhulin. Opt. i spektr. 1 no. 5:715-719 S '56.

Recording spectrometer for the long-wave infrared band. N. G. [Arsiavskii, B. A. Zhetudov, A. E. Stanevich. Opt. i spektr. 1 no. 4:507-515 Ag '56.

SPECTROMETRY

Depression of cyanic bands in the spectrum of carbon arcs. A. I. Akimov. Opt. i spektr. 1 no. 3:434-436 Jl '56.

Mass spectrometric analysis of gaseous hydrocarbon mixtures. K. I. Zimina and others. Khim. i tekh. topl. no. 10:37-44 O '56.

Using infrared spectrometry for studying minerals. E. S. Rudnitskaia. Zap. Vses. min. ob-va 85 no. 3: 407-412 '56.

SPECTROPHOTOMETER

Device for the SF-4 spectrophotometer used in rapid automatic recording of spectra. I. A. Palitsyna. Opt. i spektr. 1 no. 3:437-438 Jl '56.

SPECTROPHOTOMETRY

Application of spectrophotometry for studying complex formation in solutions. S. A. Shchukarev, O. A. Lobaneva. Vest. Len. un. 11 no. 16:64-73 '56.

Duplicated adsorption of dyes as a basis for a spectrophotometric analysis of clays. N. E. Vedeneeva. Vop. min. osad. obr. 3/4:641-646 '56.

Spectrophotometric investigation of AG Draconis. L. V. Mirzoian. Soob. Biur. observ. no. 19:43-63 '56.

Spectrophotometry of Be-type stars. Zol Dial O. Astron. zhur. 33 no. 4:508-515 Jl-Ag '56.

SPECTROSCOPY

Determining metal atom concentrations in d. c. arc plasma burning at lowered pressures. E. I. Nikonova, V. K. Prokof'ev. Opt. i spektr. 1 no. 3:298-301 Jl '56.

Force correlations of the oscillator components of the resonance multiplets of aluminum, thallium, chromium, manganese, molybdenum, and barium, calcium, strontium ions. E. I. Nikonova, V. K. Prokof'ev. Opt. i spektr. 1 no. 3:290-297 Jl '56.

Meeting on the spectroscopy of light scattering media. A. S. Toporets. Opt. i spektr. 1 no. 3:446-447 Jl '56.

SPECTRUM, ATOMIC

Expansion of spectrum lines caused by electron collisions. I. I. Sobel'man. Opt. i spektr. 1 no. 5:617-626 S '56.

Fabry-Perot multiplex etalon for measuring the hyperfine structure and isotope shift line of mercury. F. A. Korolev, V. I. Odintsov. Opt. i spektr. 1 no. 1:17-21 My '56.

SPECTRUM, INFRARED

Infrared absorption spectrum technique for investigating the chemical structure of hydrochlorides of aminoazo compounds. G. D. Bagratishvili. Soob. AN Gruz. SSR 17 no. 7:615-622 '56.

Infrared spectra and their relation to the structure of sodium silicate glasses. V. A. Florinskaia, R. S. Pechenkina. Opt. i spektr. 1 no. 5:690-709 S '56.

Infrared spectra of $\alpha$-oxides. S. S. Skorokhodov. Vest. Len. un. 11 no. 10:110-110 '56.

Viscous-friction resonator model for the illustration of the optical characteristics of absorbing media in the infrared range. Method no. 1. L. D. Kislovskii. Opt. i spektr. 1 no. 5:672-684 S '56.

SPECTRUM, MOLECULAR

Dissociation energy of magnesium, calcium, strontium and barium oxides. I. V. Veits, L. V. Gurvich. Opt. i spektr. 1 no. 1:22-33 My '56.

The tenth D. S. Rozhdestvenskii memorial lecture. Opt. i spektr. 1 no. 3:447-448 Jl '56.

SPECTRUM, ULTRAVIOLET

Absorption of ultraviolet rays by water. N. P. Grudinkina. Opt. i spektr. 1 no. 5:658-662 S '56.

SPECTRUM ANALYSIS

Investigating discharge parameters and characteristics of ion line excitation at high current densities. V. M. Zakharova, IU. M. Kagan. Opt. i spektr. 1 no. 5: 627-636 S '56.

Method for spectral analysis of cathode copper for metallic admixtures. V. L. Ginzburg, I. N. Gramenitskii, D. M. Livshits. Zav. lab. 22 no. 8:927-930 Ag '56.

Research in spectroscopy. S. A. Ukholin. Vest. AN SSSR 26 no. 10:102-103 O '56.

Review of the Annotated Index to Soviet Works on Special Analysis. E. P. Shevchenko. Zav. lab. 22 no. 8:1008-1009 Ag '56.

Spectral determination of hydrogen in zirconium by the method of isotope balancing. A. N. Zaidel', K. I. Petrov. Zav. lab. 22 no. 8:923-926 Ag '56.

Spectrum analysis of pure metals. A. N. Zaidel'. Vest. Len. un. 11 no. 16:29-44 '56.

SPECTRUM ANALYSIS—CONGRESSES

Tenth all-Union conference on spectroscopy. G. S. Landsberg. Priroda 45 no. 11:43-47 N '56.

SPECTRUM OF THE STARS see Stars—Spectra

SPEECH

New data on physiology of speech activity. N. I. Krasnogorskii. Zhur. vys. nerv. deiat. 6 no. 4:513-524 Jl-Ag '56.

SPEECH, DISORDERS OF

Prevention of speech disorders. M. Piskunov. Krest'ianka 35 no. 11:29-30 N '56.

SPERMATIC CORD

Regeneration of the spermatic cord in mammals. S. S. Raitsina. Biul. eksp. biol. i med. 42 no. 9:51-54 S '56.

SPERMATIC CORD—SURGERY

Modified operation in varicose enlargement of the veins of the spermatic cord. V. S. Kostyk. Voen.-med. zhur. no. 7:87-90 Jl '56.

SPILLWAYS

Letter to the editor. P. P. Laupman. Gidr. stroi. 25 no. 9:56 O '56.

SPINAL CORD—DISEASES

Negative pressure in the spinal epidural space and its significance in diagnostics. E. I. Raudam. Vop. neirokhir. 20 no. 4:34-38 Jl-Ag '56.

SPINAL CORD—SURGERY

Thromboembolism of the heart and of the pulmonary following surgery of the spinal cord. I. N. Vinogradova, T. M. Vikhert, E. I. Kandel'. Vop. neirokhir. 20 no. 4:26-34 Jl-Ag '56.

SPINAL CORD—TUMORS

Electrodiagnosis of tumors of the spinal cord. S. A. Grinberg. Vop. neirokhir. 20 no. 4:21-26 Jl-Ag '56.

Use of radon for topical diagnosis of tumors of the spinal cord. E. N. Krupin. Vop. neirokhir. 20 no. 4:18-21 Jl-Ag '56.

SPINAL CORD—WOUNDS AND INJURIES

Sleep therapy in thermal trauma of the spinal cord. E. A. Romanovskaia. Fiziol. zhur. 42 no. 5:351-356 My '56.

SPINE—FRACTURE

Indications for surgical intervention in closed fractures of the spine. B. S. Agie, L. E. Shatsman. Vop. neirokhir. 20 no. 4:38-43 Jl-Ag '56.

SPLEEN

Baroreceptor responses of some internal organs to lymph circulation. M. I. Kokhanina. Fiziol. zhur. 42 no. 5:369-375 My '56.

SPLEEN—INNERVATION

Effect of reflexes from intestinal and splenic chemoreceptors in traumatic shock. B. A. Snakov, R. B. TSynkalovskii. Biul. eksp. biol. i med. 42 no. 8:18-21 Ag '56.

Effect of the stimulation of chemoreceptors of the spleen on the sugar content of blood. A. I. Karaev, L. A. Aivazian, R. IU. Kasimov. Uch. zap. AGU no. 1:67-73 '55.

SPLEEN—SURGERY

Minutes of session No. 1620 of the Surgical Society of Moscow and Moscow Province. Khirurgiia. 32 no. 7: 92-93 Jl '56.

SPLINTS (SURGERY)

Some results of a study on the effect of medullary nails on the healing of fractures and on the condition of bone tissue [with summary in English, p. 150]. P. V. Sipovskii. Vest. khir. 77 no. 9:46-54 S '56.

SPLIT, YUGOSLAVIA—HISTORY

The social, economic, and political system of the city of Split in the 13th and 14th centuries. A. E. Moskalenko. Krat. soob. Inst. slav. no. 19:84-93 '56.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPOREFORMING BACTERIA see Bacteria, Sporeforming

SPOROZOA see subdivision under Ukraine

SPORTS

(see also subdivision under China; Egypt; Leipzig; Moscow; Novosibirsk Province; Peiping; Riga)

After the Spartakiada. Boris Larin, Viktor Frolov. Druzh. nar. no. 10:129-137 O '56.

After the Spartakiada. M. Sysuev. Prom. koop. no. 10: 34-35 O '56.

At the Lenin stadium. Iuryi Bahushevich. Belarus' 13 no. 10:18-19 O '56.

Create sports grounds. V. Bogolepov. Arkhit. SSSR no. 10:34 '56.

Foreign guests on the Spartakiada. Leg. atl. no. 9:16-17 S '56.

In honor of the Spartakiada of the peoples of the U. S. S. R. Mast. ugl. 5 no. 8:27 Ag '56.

Seventeen million winners. N. G. Ozolin. Zdorov'e 2 no. 10:8 O '56.

Spartakiada of youth. V. Bogoslovskii. Fizk. i sport 26 no. 10:2-3 '56.

SPORTS—BIBLIOGRAPHY see Bibliography—Sports

SPRAYING AND DUSTING EQUIPMENT

(see also subdivision under Czechoslovakia)

AG-L6 aerosol generator (text for cover drawing). Tekhsov. MTS 17 no. 16:16 Ag '56.

Adapting a hand atomizer for insecticide powder to a compressed air system. P. I. Manikhin, E. E. Verkholomov. Voen.-med. zhur. no. 7:75-76 Jl '56.

Experience in using fog machines. A. N. Kasikhin. Zashch. rast. ot vred. i bol. 1 no. 4:15 S-O '56.

Korolkikh, G.I. [Aerosols and their use in agriculture] Aerozoli i ikh primenenie v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 111 p. (DA)

Machine system. I. F. Snegovskii. Zashch. rast. ot vred i bol. 1 no. 4:14-15 S-O '56.

New machinery used in controlling diseases and pests of hops. S. A. Rokhlin. Zashch. rast. ot vred. i bol. 1 no. 4:10-14 S-O '56.

Pneumatic atomizer. V. D. Bakharevich. Voen.-med. zhur. no. 7:76 Jl '56.

Stop valve for a spray gun. Suggestion by A. I. Moiseenko, P. N. Markovich. Prom. energ. 11 no. 8:23 Ag '56.

Using an aerosol generator operated by compressed air for disinsectization on ships. F. A. Mordvintsev, N. P. Levtsov, A. G. Dymov. Voen.-med. zhur. no. 7:73-74 Jl '56.

SPRINKLER IRRIGATION see subdivision under Kirghizistan

SPRUCE

(see also subdivision under Tien Shan)

Tolkachev, A. K., and M. A. Sinelobov. [Innovations in the tapping of pine and spruce] Novoe v podsochke sosny i eli. Moskva, Goslesbumizdat, 1956. 61 p.

SPYRIDON, Archbishop of Athens and All Greece, 1873-1956

Decease of Spyridon, Archbishop of Athens. Zhur. Mosk. Patr. no. 7:69-70 Jl '56.

SQUIRRELS

(see also subdivision under Krasnodar Territory)

Squirrel hunting. E. Chilikina. Okh. i okh. khoz. no. 10: 11-12 O '56.

Using dogs in squirrel hunting. V. Leont'ev. Okh. i okh. khoz. no. 10:13-14 O '56.

STABILITY OF SHIPS

Characteristics of rolling in river vessels. IA. I. Voitkunskii, A. N. Shebalov. Trudy VNITOSS 6 no. 1:59-63 '53.

The listing of a vessel. S. Dondua, A. Rakhovetskii. Mor. flot 16 no. 10:12-13 O '56.

Relay-type correction for determining gyro-horizon errors on rolling ships. O. IU. Ishlins'kyi. Avtomatyka no. 3:1-13 '56.

Ship rolling on stormy seas; from data obtained by investigating the rolling of the steamer "Meteor" in 1913). L. M. Nogid. Trudy VNITOSS 6 no. 1:77-89 '53.

Standardizing the stability of ships. A. Khalevin. Mor. flot 16 no. 10:20-22 O '56.

STADIA TABLES

Auxiliary tables for correcting length-incline readings. G. M. Gelashvili. [Trudy] VNIMI no. 30-221-227 '56.

STADIUMS see subdivision under Moscow

STAINED GLASS see Glass painting and staining

STAINLESS STEEL see Steel, Stainless

STALIN, IOSIF, 1879-1953

The greatest value of I. V. Stalin's works in the creative development of biology. P. D. IAroshenko. Dop. ta pov. L'viv. un. no. 3, pt. 2:12-14 '52.

Stalinism in Khrushchev's interpretation. A. Avtorkhanov. Vest. Inst. po Izuch. SSSR no. 3:9-30 Jl-S '56.

STALIN, BULGARIA—FISHERIES—RESEARCH

Bulgarian Institute of Fisheries. K. V. Martino. Priroda 45 no. 11:81-83 N '56.

STALINABAD—LONGICORN BEETLES
Material on the biology and injuriousness of Acrolesthes [illegible] Stalinabad. P. N. Kulinich. Dokl. AN Tadzh. SSR no. 15:73-87 '56.

STALINGRAD—APARTMENT HOUSES
Complaints against designers and builders. A. Balanovich. Zhil.-kom. khoz. 6 no. 5:10 '56.

STALINGRAD—INSURANCE, SOCIAL
A commission approves the pensions. N. Alekseev. Profsoiuzy. 17 no. 5:16-17 S '56.

STALINGRAD—TRACTOR INDUSTRY
Birth of a new machine. L. Davydov. Nauka i zhizn' 23 no. 10:27-28 O '56.

STALINGRAD PROVINCE—PEPPER BREEDING
Sweet red pepper breeding at the Stalingrad Plant Breeding Station. M. S. Matarzhin. Trudy VNIIKOP no. 5:158 [illegible] '53.

STALINGRAD PROVINCE—TOMATO BREEDING
Sexual and vegetative hybridization of tomatoes at the Stalingrad Plant Breeding Station. V. V. Kudriavtseva. Trudy VNIIKOP no. 5:51-102 '55.

STALINGRAD RESERVOIR—WATER—POLLUTION
Sanitary protection of the future Stalingrad Reservoir. I. I. Liss and others. Gig. i san. 21 no. 10:11-14 O '56.

STALINO—NEWSPAPER AND PERIODICAL CIRCULATION
Five-hundred thousand above plan. S. Loiferman. Raspr. pech. no. 3:20 S '56.

STALINOGORSK—LANDSCAPE GARDENING
Green city. E. Rafal'skaia. Zdorov'e 2 no. 10:25-26 O '56.

STAMPING (METALS) see Sheet-metal work

STANDARD OF LIVING see Cost and standard of living

STANDARDIZATION
General introduction of preferred numbers. V. V. Tkachenko. Standartizatsiia no. 4:3-6 Jl-Ag '56.
Improving the work done on normalization in various government departments. Standartizatsiia no. 4:36-39 Jl-Ag '56.
Standards for preferred numbers and for preferred number series. Standartizatsiia no. 4:81-91 Jl-Ag '56.
Tasks of the standardization laboratory. A. A. Kokhtev. Standartizatsiia no. 4:32-35 Jl-Ag '56.

STANDARDIZATION—PERIODICALS
Periodicals. Standartizatsiia no. 4:80 Jl-Ag '56.

STANDARDS, ENGINEERING
Errors in directives. Gidr. stroi. 25 no. 9:57 O '56.
In the Committee of Standards, Weights and Measuring Instruments. Izm. tekh. no. 4:98 Jl-Ag '56.
List of current standards on construction planning to be used by all ministries and departments as of August 1, 1956. Biul. stroi. tekh. 13 no. 9:30-34 S '56.
New state standards. Standartizatsiia no. 4:92-94 Jl-Ag '56.
Standardization abroad. Standartizatsiia no. 4:93-96 Jl-Ag '56.
[State All-Union Standard.] Gosudarstvennyi obshcheso[illegible]oiuznyi standart no. 5950 for the year 1951; 1845 for the year 1952; 3478 for the year 1954; 520, 7781-7820 for the year 1955; 42, 443, 914, 937, 1053, 1450, 2138, 2964, 3135, 3739, 3814, 4036, 4267, 5066, 5580, 5635, 5747, 5748, 5945, 6069, 7023, 7585, 7861-7863, 7865, 7871, 7873, 7875, 7877-7879, 7882-7886, 7888-7890, 7892-7896, 7900, 7901, 7903, 7904, 7959, 7963-7965, 7967-7985, 7994-7999, 8000-8001, 8003, 8004, 8006, 8015-8019, 8022, 8023, 8026, 8027, 8029, 8033, 8036, 8037, 8041, 8043, 8044, 8047, 8049, 8051, 8053, 8069-8071 for the year 1956.
Teaching the principles of standardization in factories. I. K. Grigor'ev. Standartizatsiia no. 4:35 Jl-Ag '56.

STANDARDS, ENGINEERING—BIBLIOGRAPHY see Bibliography—Standards, Engineering

STANISLAV—NEWSPAPER AND PERIODICAL CIRCULATION
Role of the instructors of the city branch in the subscription campaign. R. Fedorov. Raspr. pech. no. 9: 3 S '56.

STANISLAV PROVINCE—PASTURES AND MEADOWS
Geography of mountain pastures in Stanislav Province. M. M. Kotinov. Dop. ta pov. L'viv. un. no. 3, pt. 2:3-10 '52.

STANISLAV PROVINCE—PHYSICAL GEOGRAPHY
Division of Stanislav Province into physical geographical regions. M. M. Kotinov. Dop. ta pov. L'viv. un. no. 4, pt. 1:14-26 '53.

STAPHYLOCOCCUS
Ability of intestinal staphylococci to produce enterotoxin. A. I. Shishakova. Vop. pit. 15 no. 5:85-86 S-O '56.

Formation of staphylococcal enterotoxin in sausage meat and ready-to-eat meat products. I. O. Nagirna. Vop. pit. 15 no. 5:86-87 S-O '56.

STARCH
Effect of soil temperature on the development and accumulation of starch in potatoes. F. IA. Buzover. Biul. Glav. bot. sada no. 24:46-51 '56.

STARCH—ANALYSIS
Determining the content of starch in raw materials ("Alkohol-Industrie" 69 no. 9 1956). Spirt. prom. 22 no. 3:44-45 '56.

STARK EFFECT
Expansion of spectrum lines caused by electron collisions. I. I. Sobel'man. Opt. i spektr. 1 no. 5:617-626 S '56.
Shape and width of spectral lines in d. c. electric arcs. V. F. Kitaeva, N. N. Sobolev. Opt. i spektr. 1 no. 3: 302-320 Jl '56.

STARS
Formation of stars. S. A. Kaplan. Dop. ta pov. L'viv. un. no. 4, pt. 2:74-75 '53.

STARS—CLASSIFICATION
Continuous stellar spectra and the classification of stars [parallel texts in French and Russian]. D. Chalonge. Astron. zhur. 33 no. 4:474-505 Jl-Ag '56.

STARS—CLUSTERS
Evolution of stars in the Hyades cluster. A. G. Masevich. Astron. zhur. 33 no. 4:576-578 Jl-Ag '56.
Open cluster NGC 7086. K. A. Barkhatova. Astron. zhur. 33 no. 4:556-562 Jl-Ag '56.

STARS—COLOR
Determining the color indexes and excesses of galactic Cepheids. G. S. Badalian. Soob. Biur. obser. no. 17: 3-26 '56.

STARS—PROPER MOTION
Investigating the stellar motions of zero or almost zero orbital velocity in the vicinity of the sun. G. V. Guzeeva. Astron. zhur. 33 no. 4:568-575 Jl-Ag '56.

STARS—SPECTRA
Continuous stellar spectra and the classification of stars [parallel texts in French and Russian]. D. Chalonge. Astron. zhur. 33 no. 4:474-505 Jl-Ag '56.
Spectrophotometry of Be-type stars. Zoi Dini O. Astron. zhur. 33 no. 4:506-516 Jl-Ag '56.

STARS, VARIABLE
Determining the color indexes and excesses of galactic Cepheids. G. S. Badalian. Soob. Biur. obser. no. 17: 3-26 '56.
Relation between the spatial distribution of interstellar neutral hydrogen and long-period Cepheids. G. S. Badalian. Soob. Biur. obser. no. 17:27-52 '56.
Spectrophotometric investigation of AG Draconis. L. V. Mirzoian. Soob. Biur. observ. no. 19:43-63 '56.

STARVATION
The effect of starvation on the circulation of antibiotics [with summary in French, p. 63]. S. D. IUdintsev. Antibiotiki 1 no. 4:24-28 Jl-Ag '56.

STARYE KODAKI—STONE IMPLEMENTS
Discovery of a Mousterian sharp-pointed object at Staryе Kodaki. V. A. Mizin. Krat. soob. Inst. arkheol. AN URSR no. 6:36-37 '56.

STASOV, VLADIMIR VASIL'EVICH, 1824-1906
A bright life; on the 50th anniversary of V. V. Stasov's death. P. Vasil'ev. Ogonek 34 no. 44:9 O '56.
From V. Stasov's unpublished letters. Sov. muz. 20 no. 10:91-98 O '56.
Stasov and the revolutionary song. A. Sokhov. Neva no. 10:202 O '56.
V. V. Stasov; on the 50th anniversary of his death. I. Nisnevich. Belarus' 13 no. 10:31 O '56.

STATE FARMS
(see also subdivision under Altai Territory; Karaganda Province; Kazakhstan)
Belovod, A.K. [The state farm on the upswing] Sovkhoz na pod"eme. [Moskva] Izd-vo VTSSPS Profizdat, 1956. 78 p.
The construction of grain-growing state farms in 1928-1931. M. L. Bogdenko. Ist. zap. 56:3-25 '56.
Economic problems in sheep breeding on the state farms of the Kazakh S. S. R. N. A. Vasil'ev. Ovtsevodstvo no. 9:8-12 S '56.
For continuous improvement of work indexes on state farms. Tabak 17 no. 3:5-8 '56.
[How our state farm became a leader; stories of active members and innovators of the "Vyborg" State Farm] Kak nash sovkhoz stal peredovym; rasskazy professionalnykh aktivistov i novatorov sovkhoza "Vyborgskii." [Moskva] Profizdat, 1955. 77 p. (DA)
Increase the profitableness of state farm production. D. Khorokhorin. Blok. agit. no. 30:18-26 O '56.
Our tomorrow. V. M. Savchinskii. Mol. kolkh. 33 no. 10:18 O '56.

Raising production indexes. V. IA. Ave[illegible] 17 no. 3:12-13 '56.

STATE FARMS—ACCOUNTING
Kozyrev, I.F. [Accounting on state farms] Bukhgalterskii uchet v sovkhozakh. Moskva, [illegible] 119 p.
Let's calculate the cost of producing a [illegible] of grain. L. Clauksin, N. Golyshev. M-T[illegible] no. 10:7 O '56.
Simplifying accounting for products and [illegible] state farms. V. Gaishkevich. [illegible] 16-21 S '56.

STATE FARMS—FINANCE
Problems in the formation of working capital [illegible] farms. V. Semenov. Fin. SSSR 17 [illegible]

STATE OWNERSHIP see Government ownership

STATICS
Darkov, A. V., and V. I. Kuznetsov. [Structural mechanics; the statics of structures] Stroitel'naia mekhanika; statika sooruzhenii. Izd. 5-oe, perer. [illegible] transp. zhel-dor. izd-vo, 1956. 492 p.

STATISTICAL MECHANICS
Equations with variation derivatives and [illegible] functions for systems with complicated [illegible] I. P. Bazarov. Dokl. AN SSSR 108 [illegible] '56.
Foundations of statistical mechanics. II. [illegible] be continued). A translation from an article [illegible] views of Modern Physics," 27, 1955. [illegible] kov. Usp. fiz. nauk, 58 no. 4:669-670 Ag '56.

STATISTICS
Analysis of absolute increases by factors. [illegible] burg. Uch. zap. po stat. 1:66-83 '55.
Application of the theory of great numbers [illegible] indexes. IA. I. Lokomskii. Uch. zap. po stat. [illegible] 220 '55.
Coefficient of correlation and problems in the theory of indexes. L. S. Kazinets. Uch. zap. po stat. [illegible] 138 '55.
From the editor. Uch. zap. po stat. 1:3-10 '55.
The index method of analyzing economic phenomena. L. M. Satunovskii. Uch. zap. po stat. 1:47-63 '55.
International statistics in 1954. T. V. Ri[illegible] Uch. zap. po stat. 1:280-314 '55.
The law of great (average) numbers in [illegible] F. D. Livshits. Uch. zap. po stat. 1:166-182 '55.
The role of the law of great numbers in statistics. [From a speech at the academic conference on statistical problems in March, 1954. Uch. zap. po stat. 1:117-165 '55.
The theory of the index method. V. N. Pere[illegible] Uch. zap. po stat. 1:84-124 '55.

STATISTICS, MATHEMATICAL see Mathematical statistics

STATISTICS, MEDICAL see Medical statistics

STATISTICS OF SAMPLING see Sampling (Mathematical)

STAVROPOL—THEOLOGICAL SEMINARIES
At the Stavropol Theological Seminary. Khr. Vost. Patr. no. 8:15 Ag '56.

STAVROPOL TERRITORY—GRAIN—DISEASES AND PESTS
Controlling storage pests in Stavropol Territory. P. A. Chernyshev. Zashch. rast. ot vred. i bol. 1 no. [illegible] S-O '56.

STAVROPOL TERRITORY—HARVESTING MACHINERY
Korolev, G.O., and M.A.Pavlov. [Over-all mechanization of harvesting; experience in Stavropol Territory] Kompleksnaia mekhanizatsiia uborki; opyt Stavropol'skogo kraia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 112 p. (Peredovoi opyt v sel'skom khoziaistve)

STAVROPOL TERRITORY—SCHOOL GARDENS
In the school group. V. Andreev. IUnt. nat. no. 2:12-13 My '56.

STAVROPOL TERRITORY—SHEEP—FEEDING AND FEEDING STUFFS
Pasture and feed-lot fattening of sheep on the Stavropol collective farms. I. V. Khadanovich, V. V. Kukharenko. Ovtsevodstvo no. 9:36-39 S '56.

STEALING see Larceny

STEAM
Determining the alkalinity of steam by conductometric titration. M. G. Zhukova. Teploenergetika 3 no. 10:[illegible] 25 O '56.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM ENGINES, MARINE see Marine engines

STEAM NAVIGATION see subdivision under Lena River

STEAM POWER PLANTS
School excursion to the LPU-[illegible] steam power plant. S. N. Margulis. Fiz. v shkole 16 no. 5:38-43 S-O '56.

STEAM TURBINES

Investigation of single-stage diagrams of regenerative feed-water preheating in marine steam-turbine plants. A. G. Kurzon. Trudy VNITOSS 6 no. 1:136-167 '53.

Kirsanov, I. N. [Stationary steam turbines] Statsionarnye parovye turbiny. Moskva, Gos. energ. izd-vo, 1950. 199 p.

Liberman, L. IA., and M. I. Poisikhis. [Handbook on the properties of steels used in marine boiler and turbine building] Spravochnik po svoistvam stalei, primeniaemykh v kotloturbostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 195 p. (Leningrad. TSentral'nyi nauchno-issledovatel'skii kotloturbinnyi institut. [Trudy], vol. 29)

M. I. IAnovskii's studies on the theory and calculations of steam and gas turbines. G. G. Zharov. Trudy VNITOSS 6 no. 1:128-135 '53.

News of Soviet science and technology. Fiz. v shkole 16 no. 5:15-18 S-O '56.

Plans for new and improved steam turbines. S. M. Shukhor. Teploenergetika 3 no. 10:56-60 O '56.

Professor M. I. IAnovskii's contributions to the science of design and calculation of the strength of turbine parts. A. A. Moiseev. Trudy VNITOSS 6 no. 1:110-127 '53.

Selecting an economical turbogenerator having steam extraction. M. M. Khazen. Trudy MTEI no. 2:86-100 '55

Thermal characteristics of the VPT-25-3 turbine installation manufactured by the Leningrad Metallurgical Plant. M. A. Ukhobotin. Teploenergetika 3 no. 10: 61 O '56.

STEAM TURBINES—MAINTENANCE AND REPAIR

Preparation of flux for silver solder in a plant laboratory. O. V. Braun. Sakh. prom. 30 no. 8:39-40 Ag '56.

Replacement of worn packing rings in the blading assembly of radial stages in Ljungström turbines. A. M. Kornienko, S. I. Kholodnyi. Elek. sta. 27 no. 9: 52-54 S '56.

STEAM TURBINES—WELDING

Automatic welding of steam turbine diaphragms. L. A. Mel'nikov, Z. L. Klimoritskii. Svar. proizv. no. 9:19-21 S '56.

STEAMBOATS see subdivision under Kama River

STEBUT, IVAN ALEKSANDROVICH, 1833-1923

I. A. Stebuta's works ("Selected works in two volumes; vol. I" by I. A. Stebuta. Reviewed by F. S. Sobolev). Zemledelie 4 no. 10:125-127 O '56.

STEEL

Method of determining the arsenic content in steel. K. N. Ershova. Trudy TSNII MPS no. 116:54-61 '56.

Nonmetal impurities in arsenic steel. K. N. Ershova. Trudy TSNII MPS no. 116:47-53 '56.

Theory of plasticity and strength of steel. IU. A. Shimanskii. Trudy VNITOSS 6 no. 1:3-30 '53.

STEEL—BRITTLENESS

Effect of certain alloying elements on the propensity of steel toward temper brittleness. M. L. Bernshtein. Metalloved. i obr. met. no. 9:25-30 S '56.

STEEL—CORROSION

Gas corrosion of austenite steel at high temperatures. E. A. Davidovskaia, L. P. Kostel'. Metalloved. i obr. met. no. 10:29-34 O '56.

STEEL—DEFECTS

Causes for the formation of surface defects on steel ingots. V. A. Efimov. Vop. proizv. stali no. 3:161-176 '56.

Using the method of tagged atoms to determine the effect of refractory materials on the occurrence of nonmetal inclusions in steel. O. M. Margulis, A. G. Karaulov. Ogneupory 21 no. 6:253-258 '56.

STEEL—ELECTROMETALLURGY

Lowering the cost of smelting electric steel. A. F. Kabluковskii. Metallurg no. 10:14-17 O '56.

Use of oxygen in transformer steel smelting. IA. M. Boksbitskii. Sbor. trud. TSNIICHM no. 13:340-353 '56.

STEEL—FATIGUE

Increasing contact fatigue strength of steel plates by surface peening. I. V. Kudriavtsev, N. M. Savvina. Metalloved. i obr. met. no. 9:31-41 S '56.

STEEL—HEAT TREATMENT

Improve annealing of electrical steel. N. F. Dubrov, G. A. Zykov, V. A. Koroleva. Metallurg no. 10:27-28 O '56.

Inhomogeneity of the carbon content in martensite after hardening of steel specimens by high-frequency current. I. N. Kidin. Fiz. met. i metalloved. 3 no. 2:299-305 '56.

Magnetic properties of the ShKh15 chromium steel subjected to various heat treatment processes. M. N. Mikheev and others. Fiz. met. i metalloved. 3 no. 2: 220-237 '56.

Moiseenko, A. S. [Mechanical characteristics of austempered steel] Mekhanicheskie svoistva izotermicheski zakalennoi stali. Kiev, Gos. nauchno-tekhn. izd-vo mashino-stroit. lit-ry, 1956. 139 p.

Relation of carbon content in martensite to the annealing parameters for steel specimens subjected to hardening by high-frequency current. I. N. Kidin. Fiz. met. i metalloved. 3 no. 2:306-308 '56.

Temperature drop at the start of martensite transformation during the partial decomposition of austenite in bainite range. V. I. Arkharov, V. P. Skliuev, V. O. Esin. Fiz. met. i metalloved. 3 no. 1:62-65 '56.

Vacuum annealing of hot rolled electric steel. N. F. Dubrov. Stal' 16 no. 9:811-815 S '56.

STEEL—HYDROGEN CONTENT

Content of hydrogen in carbon steels smelted in basic open-hearth furnaces with air and steam atomized fuel oil. K. K. Prokhorenko. Vop. proizv. stali no. 3:120-124 '56.

Effect of thermal conditions on hydrogen content in steel in the process of smelting. G. P. Pukhnarevich. Vop. proizv. stali no. 3:116-119 '56.

Migration of hydrogen in solidified steel under the influence of an electric field. V. I. IAvoiskii, D. F. Chernega. Stal' 16 no. 9:790-793 S '56.

STEEL—MAGNETIC PROPERTIES

Measuring magnetic properties of equipment steel in conformity with the new standard. V. V. Druzhinin. Zav. lab. 22 no. 8:949-953 Ag '56.

Powder method for the analysis of transformer steel crystals. V. D. Dylgerov. Fiz. met. i metalloved. 3 no. 1:42-46 '56.

STEEL—METALLOGRAPHY

Intermediate austenite transformation. L. M. Pevzner and others. Metalloved. i obr. met. no. 10:2-19 O '56.

Macromechanism of destructive tests. F. P. Rybalko. Fiz. met. i metalloved. 3 no. 1:185-186 '56.

Occurrence of flaky fracture in steel. M. I. Gol'dshtein. Stal' 16 no. 9:809-811 S '56.

Texture of the recrystallization of cold-drawn steel. TS. N. Rafalovich. Fiz. met. i metalloved. 3 no. 2:326-331 '56.

X-ray examination of the structural changes of steel surface layers machined by grinding. O. N. Shivrin. Izv. AN SSSR. Ser. fiz. 20 no. 7:736-739 Jl '56.

STEEL—METALLURGY
(see also subdivision under Germany, West; Zaporozh'ye)

Distribution of the metal in buckets when teeming into twin runners. M. K. Tkachenko. Stal' 16 no. 9:844 S '56.

Effect of deformation conditions on the tendency of steel to strain aging. M. I. Kurmanov. Fiz. met. i metalloved 3 no. 2:332-340 '56.

Effect of the deoxidation method on the quality of pipe steel. B. Kh. Khan. Vop. proizv. stali no. 3:106-115 '56.

The life of linings in steel-pouring ladles. G. V. Kukolev, K. F. Vasil'eva. Ogneupory 21 no. 6:247-253 '56.

Oxygen in the metallurgy of steel. I. P. Bardin. Sbor. trud. TSNIICHM no. 13:5-11 '56.

Steel produced from ores. IA. M. Korsh. Nauka i zhizn' 23 no. 11:50 N '56.

Strugovshchikov, D. P. [Steel casting; a technical manual] Razlivka stali; uchebnoe posobie dlia proizvodstvenno-tekhnicheskogo obucheniia rabochikh. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 192 p.

Use of oxygen in steel smelting. V. G. Voskoboinikov. Sbor. trud. TSNIICHM no. 13:12-17 '56.

STEEL—QUALITY CONTROL

Controlling the plasticity of hot steel. V. A. Efimov. Vop. proizv. stali no. 3:135-143 '56.

STEEL—SPECIFICATIONS

Liberman, L. IA., and M. I. Poisikhis. [Handbook on the properties of steels used in marine boiler and turbine building] Spravochnik po svoistvam stalei, primeniaemykh v kotloturbostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 195 p. (Leningrad. TSentral'nyi nauchno-issledovatel'skii kotloturbinnyi institut. [Trudy], vol. 29)

STEEL—TESTING

Effect of hydrostatic pressure on carbon steel hardness. V. A. Gladkovskii. Fiz. met. i metalloved. 3 no. 1: 183-184 '56.

Effect of power cutting on steel endurance. G. V. Karpenko, A. I. IAtsiuk. Vest. mash. 36 no. 10:32-34 O '56.

Effect of the deformation rate on the plasticity of tempered steel. S. S. Shurakov. Metalloved. i obr. met. no. 10: 67-68 O '56.

Rebound testing of bearing balls for hardness and the absence of cracks. V. K. Grigorovich. Zav. lab. 22 no. 8:973-979 Ag '56.

X-ray analysis of the nature of rupture due to impact load applications. D. M. Vasil'ev, G. I. Margolin, S. V. Dianov. Zhur. tekh. fiz. 26 no. 9:2119-2124 S '56.

STEEL—WELDING

Examining electrodes for welding high-strength steels. A. A. Erokhin. Svar. proizv. no. 9:4-9 S '56.

Experimental investigation of the strength of natural weld joints of railroad car parts made of open-hearth and bessemer steels subjected to repeated impact loading. S. V. Vershinskii. Trudy TSNII MPS no. 116:128-164 '56.

Investigation of the strength of welded joints in improved bessemer steel applied to construction elements. I. A. Moiseev. Trudy TSNII MPS no. 116:110-127 '56.

Strength of welded joints made of improved bessemer steel. M. M. Kraichik. Trudy TSNII MPS no. 116:99-109 '56.

Weldability characteristics of improved bessemer low-carbon content steel. A. I. Krasovskii. Trudy TSNII MPS no. 116:84-98 '56.

STEEL, STAINLESS

Heat-resistant chromium stainless steels for machine parts working at a temperature of 550-560°. A. I. Chizhik, E. A. Khein. Metalloved. i obr. met. no. 9:10-17 S '56.

Working stainless steels at sub-zero temperatures. (From "Metalworking Production" no. 52, 1955). O. E. Zil'berberg. Metalloved. i obr. met. no. 9:57-58 S '56.

STEEL, STRUCTURAL

Introduction. Trudy TSNII MPS no. 116:4-15 '56.

Investigation of structural steel having an increased arsenic content. E. S. Volokhvianskaia, N. N. In'shakov, N. P. Shchapov. Trudy TSNII MPS no. 116:16-46 '56.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. [Studies on steel structures] Issledovaniia po stal'nym konstruktsiiam. Pod red. V. A. Baldina. Moskva, Gos. izd-vo po stroit. i arkhitekture, 1956. 210 p.

NL-2 low-alloy structural steel. N. N. In'shakov, N. P. Shchapov. Trudy TSNII MPS no. 116:165-187 '56.

Nitriding structural steel. E. M. Morozova, A. P. Skuzovatova. Stan. i instr. 27 no. 8:25-27 S '56.

On the characteristic distribution of arsenic in structural steel. E. F. Nikiforova. Trudy TSNII MPS no. 116:62-70 '56.

X-ray investigation of the behavior of St. 3 soft carbon steel and NL-2 low-alloy steel during the expansion of rivet holes. I. V. Vikker. Trudy TSNII MPS no. 116: 196-199 '56.

STEEL, STRUCTURAL—BRITTLENESS

Effect of thermomechanical treatment on the cold brittleness of structural steel alloys. E. N. Sokolkov. Fiz. met. i metalloved. 3 no. 1:79-82 '56.

STEEL, STRUCTURAL—CORROSION

Experimental study of the effect of structural shape of steel construction elements on atmospheric corrosion resistance. I. I. Koshin. Sbor. trud. MISI no. 10:65-83 '56.

STEEL, STRUCTURAL—METALLOGRAPHY

Metallographic characteristics of structural steel in the state of reversible temper brittleness. Part 2. Fracture-surface metallography. S. F. IUr'ev, Z. I. Kusnitsina. Fiz. met. i metalloved. 3 no. 2:282-290 '56.

Metallographic characteristics of structural steel in the state of reversible temper brittleness. Part 7. Microstructural investigation. S. F. IUr'ev, Z. I. Kusnitsina. Fiz. met. i metalloved. 3 no. 2:282-291 '56.

Nature of reversible temper brittleness in structural steel. S. F. IUr'ev. Metalloved. i obr. met. no. 10: 37-51 O '56.

STEEL, STRUCTURAL—TABLES, CALCULATIONS, ETC.

Calculations of steel girders subjected to initial eccentric compression. P. F. Drozdov. Sbor. trud. MISI no. 10: 118-145 '56.

STEEL, STRUCTURAL—TESTING

Determining the cold brittleness tendency of structural ferrite steel based on tension tests of flat specimens. P. O. Pashkov, V. A. Bratukhina. Fiz. met. i metalloved. 3 no. 1:162-171 '56.

STEEL, STRUCTURAL—WELDING

Spot welding of large-caliber reinforcement rod sections made of ST. 5 steel. S. S. Levi, M. M. Novokreshchenov. Mekh. stroi. 13 no. 10:16-20 O '56.

Strength of welded joints in low-alloy steels. M. M. Kraichik. Trudy TSNII MPS no. 116:209-234 '56.

STEEL ALLOYS

Investigation of increased strength low-alloy steel for railroad cars. N. N. In'shakov. Trudy TSNII MPS no. 116:188-195 '56.

STEEL ALLOYS—METALLOGRAPHY

Damascus steel and modern carbon steel alloys. I. S. Gaev. Metalloved. i obr. met. no. 9:17-24 S '56.

Pearlitic transformation in alloyed steel. R. I. Entin. Metalloved. i obr. met. no. 9:3-9 S '56.

Pearlitic transformations in alloyed steel. R. I. Entin. Metalloved. i obr. met. no. 10:20-28 O '56.

STEEL ALLOYS—WELDING

Chemical composition and properties of the joint metal in welding low-carbon steels under flux. A. G. Mazel', E. M. Rogova. Trudy VNIISTROINEFT' no. 7:18-32. '56.

Studying kinetics of grain growth and changes in the structures and mechanical properties of low-alloy steel of the zone surrounding a joint. M. Kh. Shorshorov, G. N. Klebanov, L. S. Gushchina. Svar. proizv. no. 9: 1-4 S '56.

STEEL CASTINGS
Cementation of steel in casting molds. E. N. Vorob'ev. Nauch. trudy NPI 30:137-142 '55.
Distribution of nonmetal inclusions in the structure of cast carbon steel. K. K. Prokhorenko. Vop. proizv. stali no. 3:125-129 '56.

STEEL CASTINGS—HEAT TREATMENT
Collected works on "Heat treatment and properties of steel castings." Reviewed by B. B. Guliaev, I. I. Gortunov. Lit. proizv. no. 9:29-30 S '56.

STEEL CASTINGS—METALLOGRAPHY
Effect of the technology of carburizing smelting on the macrostructure of steel castings. P. G. Vinnichenko. Lit. proizv. no. 9:21-22 S '56.

STEEL INDUSTRY see subdivision under Krivoy Rog; Leningrad; Magnitogorsk; Moscow

STEEL INGOTS
Efficient way of detaching the gating from sheet ingots. N. I. Vinogradov. Stal' 16 no. 9:847-849 S '56.
Shrinkage and plasticity of 6-ton steel ingots in the process of solidification. V. A. Efimov, V. I. Danilin, M. P. Lapshova. Vop. proizv. stali no. 3:144-160 '56.

STEEL INGOTS—TESTING
Anisotropy of the mechanical properties of steel ingots smelted and cast in vacuum. IA. B. Gurevich. Stal' 16 no. 5:815-817 S '56.

STEELWORKERS
Message from a working pensioner. D. IAkovlev. Sov. profsoiuzy 4 no. 10:37 O '56.

STELE (ARCHAEOLOGY) see subdivision under Olbia

STEPPE FLORA see subdivision under Darvaza Range

STEPPES
Main regularities of evaporation in the steppe zone. A. I. Budagovskii. Izv. AN SSSR. Ser. geog. no. 3:23-32 My-Je '56.

STERCOBILIN
Determination of urobilin and stercobilin by fluorescence microscopy. M. P. Bolotov. Lab. delo 2 no. 5:18-19 S-O '56.

STERILITY IN ANIMALS
Mineral and vitamin nutrition is an important factor in the control of sterility in cows. P. T. Lebedev. Veterinariia 33 no. 11:67-70 N '56.
Tasks of specialists and stockbreeders in eliminating sterility in cattle. P. I. Shatalov. Veterinariia 33 no. 11:48-51 N 56.

STERILIZATION
Ultraviolet rays for sterilizing wine containers (Industries Alimentaires et Agricoles no. 5 1955). Vin. SSSR 16 no. 5:54 '56.

STERNUM—DISEASES
Case of acute hematogenic osteomyelitis of the sternum. G. N. Gorskii. Voen.-med. zhur. no. 7:87 Jl '56.

STEROIDS
Investigation of 17-ketosteroids in urine in schizophrenia and in other psychoses. S. P. Zelinskii. Zhur. nevr. i psikh. 56 no. 8:622-630 '56.
IUdaev, N. A. [Biochemistry of steroid hormones of the suprarenal bodies] Biokhimiia steroidnykh gormonov kory nadpochechnikov. Moskva, Gos. izd-vo med. lit-ry, 1956. 133 p.
On the problem of the excretion with the urine of 17-ketosteroids in rheumatic fever in children. E. L. Shcherbatova. Vop. okh. mat. i det. 1 no. 5:40-45 S-O '56.

STEVEDORES see subdivision 'Longshoremen' under Shanghai

STEVEDORING see Cargo handling

STIMULANTS
Changes in the excitability of a nerve depending on the quality of agents causing parabiosis. L. I. Chilingarian. Uch. zap. MGPI 84:111-117 '55.

STOCK AND STOCKBREEDING
(see also subdivision under Barga Steppe; Belynichi District; Chernovtsy Province; Dobrush District; Kiev Province; Komi A.S.S.R.; Leninabad Province; Moscow Province; Mozyr District; Shchuchin District)
A. A. Klimov's book "Electricity in animal husbandry." Reviewed by V. I. Efimov and others. Elektrichestvo no. 9:87-88 S '56.
Challenge Red Banners and prizes for the best districts and collective and state farms. Biok. agit. no. 32: 19-23 N '56.
Develop and make full use of Academician M. F. Ivanov's scientific legacy. L. K. Greben'. Zhivotnovodstvo 18 no. 10:1-7 O '56.
Excursion to stockbreeding farms. A. V. Vasil'ev. Ovcev. v shkole 19 no. 5:57-61 S-O '56.
On the way to abundance. E. Greke. Mosk. prop. 13 no. 10:60-62 O '56.

Pototskii, M. G. [Over-all mechanization of livestock farms] Kompleksnaia mekhanizatsiia zhivtnovodcheskikh ferm. Frunze, Kirgizskoe gos. izd-vo, 1955. 51 p.
(DA)
Shortcomings of the pamphlet "Increase the output of livestock products." L. I. Drakin, M. IU. TSynkov, A. P. Beguchev. Reviewed by A. S. Alekseiuk. Zhivotnovodstvo 18 no. 10:81-84 O '56.

STOCK AND STOCKBREEDING—BIBLIOGRAPHY see Bibliography—Stock and stockbreeding

STOCK AND STOCKBREEDING—CONGRESSES
Scientific conference on the upgrading of breeds. R. B. Davidov. Zhivotnovodstvo 18 no. 10:91-94 O '56.
Third International Congress on the Reproduction of Farm Animals. G. Parshutin. Konevodstvo 26 no. 11: 44-47 N '56.

STOCK AND STOCKBREEDING—EXHIBITIONS see subdivision under Moscow

STOCK AND STOCKBREEDING—HISTORY
TSalkin, V. I. [Materials on the history of cattle breeding and hunting in ancient Russia; based on the study of bones found in archaeological excavations in the forest belt of European Russia] Materialy dlia istorii skotovodstva i okhoty v drevnei Rusi; po dannym izucheniia kostnykh ostatkov iz raskopok arkheologicheskikh pamiatnikov lesnoi polosy Evropeiskoi chasti SSSR. Moskva, Izd-vo Akademii nauk SSSR, 1956. 183 p. (Materialy i issledovaniia po arkheologii SSSR, no. 51)

STOCKHOLM—HORSEMANSHIP
The horsemen take the obstacles. V. Babkin. Smena 33 no. 17:23 S '56.

STOCKINGS see subdivision 'Hosiery' under Ivanteevka

STOKERS, MECHANICAL
Aspects of the operation of a stationary stoker with a chain-driven shuttle bar. V. V. Veretennikov. Teploenergetika 3 no. 10:14-23 O '56.
Foreign experience in the mechanization of coal combustion in marine and small boiler installations. V. V. Veretennikov. Rech. transp. 15 no. 8:30-32 Ag '56.

STOMACH
Mechanism of action of sympathetic innervation on periodic motor function of the stomach in dogs. R. Z. Bogdanov, I. V. Senkevich. Biul. eksp. biol. i med. 42 no. 8:3-6 Ag '56.
Reflex effect of food on the evacuatory function of the stomach of dogs. S. G. Genes, N. G. Lesnoi. Vop. pit. 15 no. 5:67-69 S-O '56.

STOMACH—BLOOD SUPPLY
Complications of hypertensive disease. F. E. Ostapiuk, K. A. Makarova. Klin. med. 34 no. 9:73-78 S '56.

STOMACH—CANCER
Time of examination in gastric cancer [with summary in English]. L. IU. Dymarskii. Vop. onk. 2 no. 4:468-474 '56.

STOMACH—DISEASES
Volvulus and incarceration of the stomach caused by congenital diaphragmatic hernia during pregnancy. M. A. Aleksandrova. Akush. i gin. 32 no. 4:82-83 Jl-Ag '56.

STOMACH—INNERVATION
Some data on features of the effect of gastric receptors on the chronaxy of skeletal muscles. S. E. Ginzburg. Fiziol. zhur. 42 no. 8:704-712 Ag '56.

STOMACH—SECRETIONS
Dynamics of gastric juice secretion in hogs following the feeding of various types of food. N. IA. Gridin. Fiziol. zhur. 42 no. 9:773-778 S '56.
Gastric secretory function in children depending on the typologic controlability of their central nervous activity and the functional state of the cerebral cortex. O. S. Kul'tepina. Fiziol. zhur. 42 no. 5:357-362 My '56.
Role of the vagus nerve in the mechanism of secretion of gastric juice. V. F. Lysov. Fiziol. zhur. 42 no. 9: 758-764 S '56.

STOMACH—SURGERY
Rusanov, A. A. [Gastrectomy; a practical manual] Rezektsiia zheludka; prakticheskoe rukovodstvo. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 147 p., illus.
(DAFM)

STOMACH—ULCERS
Raiz, A. B. [Stomach ulcers; their treatment and prevention] IAzvennaia bolezn' zheludka, ee lechenie i preduprezhdenie. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 23 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Kazakhskoi SSR)
(DAFM)

STONE AGE
(see also subdivision under Don Valley; Uzbekistan)
Data on the geological and geomorphological examination of the discovery site of the neolithic man in the Kolyma channel of the Indigirka River. A. N. Tolstov, P. F. Shvetsov. Izv. AN SSSR. Ser. geog. no. 3:85-89 My-Je '56.

STONE IMPLEMENTS see subdivision under [illegible] rova (Izyum District); Staryo Kudaki; Vasyurinka (Rubezhavskiy District)

STONE WORK, DECORATIVE see Sculpture

STONECUTTING see subdivision under Altai Territory; Sverdlovsk

STORAGE BATTERIES
Conference on mechanization and automation [illegible] the Office of the Battery Industry under the Ministry of the Electric Industry. Vest. elektroprom. 27 no. 4:80 Ap '56.
Determining lead and its compounds in the [illegible] rial of lead accumulators. N. A. Filippova, [illegible] skaia. Zav. lab. 22 no. 8:987-991 Ag '56.
Selenium rectifier for charging accumulators. Avt. Vozd. Fl. 39 no. 6:76 Je '56.

STORAGE WAREHOUSES see Warehouses

STORKS
Gosling in a stork's nest. N. I. Grebeniuk. [illegible] 45 no. 11:84 N '56.

STRAIN GAUGES
A new instrument, the DT mine tonnometer. P. V. Matveev. [Trudy] VNIMI no. 30:27-33 '56.

STRAINS AND STRESSES
Approximation method for calculating free [illegible] Rivkin. Nov. v stroi. tekh. no. 7:178-189 '55.
Plane dynamic problem for the distribution of stresses in a circular elastic cylinder. M. M. Sidliar. Nauch. zap. Kiev. un. 12 no. 6:67-74 '53.
Semisymbolic method for solutions of some problems in the theory of creep. M. I. Rozovskii. Izv. AN Arm. SSR. Ser. FMET nauk 9 no. 6:43-60 '56.
Stress attenuation following the transition from elastic to plastic deformations. IA. Bagrii. Stroi. mekh. i konstr. 2 no. 9:30 S '56.
Theory of destruction of statically indeterminate systems subjected to cyclic sign-changing or alternating [illegible] N. S. Streletskii. Sbor. trud. MISI no. 10: [illegible] '56.

STRAINS AND STRESSES—MEASUREMENTS
Strain sensitivity of a conductor and grund wire under plane stress. E. IU. Nekhemzi, N. G. Tiurekin. Zav. lab. 22 no. 8:982-986 Ag '56.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATOSPHERE see Atmosphere, Upper

STRAW
Binding apparatus of pickup balers for hay and straw (wire binding). I. M. Zel'tserman, B. A. Popov, [illegible] IUgov. Sel'khozmashina no. 9:8-10 S '56.

STRAWBERRIES
Salt tolerance of strawberries and raspberries in the Chu Valley. M. A. Zorin. Trudy Otd. botan. Kir. FAN SSSR no. 4:75-84 '53.

STREAM MEASUREMENTS
(see also subdivision under Soviet Central Asia)
Calculating flow at hydroelectric power stations. N. V. Pikush. Meteor. i gidrol. no. 9:41-43 S '56.
Concerning N. V. Pikush's article "Calculating flow at hydroelectric power stations." A. M. Gavrilov. Meteor. i gidrol. no. 9:43 S '56.
For efficiency in water measurement work on large rivers. G. E. Chistiakov. Meteor. i gidrol. no. 8 [illegible] 47 Ag '56.
Letter to the editor. K. P. Voskresenskii, V. G. Andreianov. Meteor. i gidrol. no. 9:66 S '56.

STREET CLEANING MACHINERY see subdivision under Great Britain

STREET RAILWAYS
Sosiants, V. G., and others. [Construction of trolley tracks with concrete foundations] Konstruktsii tramvainykh putei s betonnymi osnovaniiami. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 52 p.

STREET RAILWAYS—COST OF OPERATION
Method of determining the cost of streetcar passenger transport. Zhil.-kom. khoz. 6 no. 5:20-21 '56.

STREETCARS—MAINTENANCE AND REPAIR
Petrov, M. A. [How we organized continuous repair of trolley cars; work practice of the Sokolnikov car repairing factory in Moscow] Kak my organizovali potochnyi remont tramvainykh vagonov; iz opyta raboty Sokol'nicheskogo vagonoremontnogo zavoda g. Moskvy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 66 p.

STRENGTH OF MATERIALS
Korchinskii, I. L. [Calculating fatigue in building structures] Uchet iavleniia ustalosti v stroitel'nykh konstruktsiiakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 71 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. Nauchnoe soobshchenie, no. 26)
Temperature mosaics and sudden stresses of the second kind subjected to impact deformations of two-phase metals. G. P. Zaitsev, IU. E. Bondarev. Fiz. met. i metalloved. 3 no. 1:139-145 '56.

STREPTOMYCIN

Clinical and bacteriological parallels in the treatment of dysentery with synthomycin associated with streptomycin. V. M. Shubik, L. V. Ivadionova. Zhur. mikrobiol. epid. i immun. 27 no. 10:34-39 O '56.

The effect of certain factors on streptomycin suppression of oxidation processes in resting cells of Escherichia coli [with summary in French, p. 63]. IU. O. Sazykin. Antibiotiki 1 no. 4:35-37 Jl-Ag '56.

Effect of streptomycin on the course of some pathological reactions [with summary in French, p. 63]. G. A. Mikhailets Antibiotiki. 1 no. 4:28-34 Jl-Ag '56.

Ermol'eva, Z.V. [Streptomycin] Streptomitsin. Moskva, 1956. 56 p. (DAFM

Late results of streptomycin therapy in scleroma of the respiratory tract. N. T. Evstaf'ev. Vest. oto-rin. 18 no. 5:59-61 S-O '56.

Stability of the biologic activity and pharmacologic characteristics of streptomycin (calcium chloride complex) [with summary in French, p. 64]. A. E. Tebiakina, V. L. Shirineva, E. M. Svintsova. Antibiotiki 1 no. 4: 41-43 Jl-Ag '56.

Treatment of cervical erosions. I. M. Vaiman. Akush. i gin. 32 no. 4:89 Jl-Ag '56.

STRICKLAND, SHIRLEY, 1925-

Shirley Strickland. S. Poliak. Leg. atl. no. 6:30 S '56.

STRIKES AND LOCKOUTS—AUTOMOBILE INDUSTRY see subdivision under Great Britain

STRIKES AND LOCKOUTS—METAL WORKERS see subdivision under Sulin

STRIKES AND LOCKOUTS—PETROLEUM INDUSTRY see subdivision under Baku

STRIKES AND LOCKOUTS—SHIPBUILDERS see subdivision under England

STRIKES AND LOCKOUTS—STEEL INDUSTRY see subdivision under United States

STRIP MINING see subdivision under Magnitogorsk

STROBOSCOPY

Libin, I.Sh. [Stroboscopes and their use] Stroboscopy i ikh primenenie. Moskva, Gos. energ. izd-vo, 1956. 39 p.

STROEVA, OL'GA IVANOVNA

Retired. N. Vavilov. Klub 6 no. 10:19 O '56.

STRONTIUM—ISOTOPES

Application of the luminescence microscope and of radioactive isotopes in determining the extent of bitumen surface coating [with English summary in insert]. A. S. Kolbanovskaia. Koll. zhur. 18 no. 5: 547-554 S-O '56.

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL STEEL see Steel, Structural

STRUCTURES, THEORY OF

Darkov, A. V., and V. I. Kuznetsov. [Structural mechanics; the statics of structures] Stroitel'naia mekhanika; statika sooruzhenii. Izd. 5-oe, perer. Moskva, Gos. transp. khzel-dor. izd-vo, 1956. 492 p.

Theory of destruction of statically indeterminate systems subjected to cyclic sign-changing or alternating loads. N. S. Streletskii. Sbor. trud. MISI no. 10:4-57 '56.

STRYY VALLEY—POTASSIUM

Conditions of salt-bearing and potassium deposits in the Stryy-Bystritsa Nadvornyanskaya interfluve. S. M. Korenevskii. Vop. min. osad. obr. 3/4:241-251 '56.

STRYY VALLEY—SALT

Conditions of salt-bearing and potassium deposits in the Stryy-Bystritsa Nadvornyanskaya interfluve. S. M. Korenevskii. Vop. min. osad. obr. 3/4:241-251 '56.

STUDENT ACTIVITIES

Organizing the club program in secondary schools. V. S. IArovoi. Sov. pedag. 20 no. 11:41-52 N '56.

STUDENTS

Student youth on revolutionary barricades. A. I. Mal'chin. Sred. spets. obr. no. 11:3-6 N '56.

Students' International Day. Smena 33 no. 21:1 N '56.

Visit the dormitories more often. N. A. Chertanova. Sred. spets. obr. no. 10:42-43 O '56.

STUDENTS—DISEASES AND HYGIENE

A student's work and rest. P. P. Sakharov, B. V. Tolokonnikov. Zdorov'e 2 no. 10:14-15 O '56.

STUDENTS' SOCIETIES see subdivision under Erivan

STUDIES, ORIENTAL see Oriental studies

STURGEONS

(see also subdivision under Baltic Sea; Kamchatka; Syr Darya)

Hatching conditions of Acipenseridae embryos. G. M. Ignat'eva. Dokl. AN SSSR 109 no. 6:1222-1225 Ag '56.

STYR' VALLEY—SWAMPS

Swamps of the lower Styr' Valley within the boundaries of the Ukrainian S. S. R. and ways of utilizing them in the national economy. I. M. Hryhora. Ukr. bot. zhur. 13 no. 3:17-26 '56.

STYRENE

Effect of promoter concentration on the speed of polymerization of styrene in an emulsion. N. S. TSvetkov, A. I. IUrzhenko. Dop. to pov. L'viv. un. no. 3, pt. 2:33-34 '52.

Photoelastic effect in polystyrene and in its halogen derivatives. N. M. Bazhenov and others. Zhur. tekh. fiz. 26 no. 8:1730-1737 Ag '56.

Photoelastic effects in copolymer methilmethacrylate and styrene. V. N. TSvetkov, I. A. Krym. Vest. Len. un. 11 no. 16:5-15 '56.

SUBLIMATION (PHYSICAL SCIENCES)

Investigation of the sublimation of silver by radioactive indicator method and with the aid of a mass spectrometer [with English summary in insert]. IU. V. Kornev, E. Z. Vintaikin. Zhur. fiz. khim. 30 no. 7: 1540-1546 Jl '56.

SUBMARINE BOATS

(see also subdivision under United States)

Submarines. IU. Kriuchkov. Voen. znan. 31 no. 9:14-15 S '56.

SUBSIDENCES (EARTH MOVEMENTS)

Shock bumps in one of the mines in Central Asia. I. A. Petukhov. [Trudy] VNIMI no. 30:3-16 '56.

Working coal pillars in shock-bump hazardous areas of the Kizel Basin mines. I. M. Petukhov. [Trudy] VNIMI no. 30:36-48 '56.

SUBSTATIONS, ELECTRIC see Electric substations

SUBVERSIVE ACTIVITIES see subdivision under China

SUBWAYS

For further progress in the techniques of building subways. P. A. Chasovitin. Transp. stroi. 6 no. 9:1-5 S '56.

Limiting the dimensions of underground railroads. V. V. Chirkin. Transp. stroi. 6 no. 9:25 S '56.

SUCCINIC ACID

Preparation of succinic acid and of its ester. V. I. Lutkova, N. N. Shmagina. Zhur. prikl. khim. 29 no. 9:1430-1430 S '56.

SUCKER RODS

Improve the quality of joints for pump rods. B. Kruman, G. Shakov. Neftianik 1 no. 8:13-15 Ag '56.

SUDAN

Beknazar-IUzbashev, B. G. [Land of the White and Blue Nile; Sudan sketches] Strana Belogo i Goluboge Nila; ocherki o respublike Sudan. Moskva, Gos. izd-vo polit. lit-ry, 1956. 77 p.

SUEZ CANAL

At a new stage; the foreign press on the Suez issue. Nov. vrem. 14 no. 44:12-14 O '56.

Declaration of the World Federation of Trade Unions. Vsem. prof. dvizh. no. 10:21 O '56.

False thesis. Nov. vrem. 14 no. 45:16 N '56.

Khrushchev, N. S. [Speech at the Moscow builders' celebration dedicated to Builder's Day and the opening of the Central Lenin Stadium on July 31 1956] Rech' na prazdnike moskovskikh stroitelei, posviashchennom dniu stroitelia i otkrytiiu TSentral'nogo stadiona imeni V. I. Lenina, 31 iiulia 1956 g. Moskva, Gospolitizdat, 1956. 15 p. (DS)

"Solve the Suez Canal problem peacefully." Emrys Hughes. Ogonek 34 no. 42:7 O '56.

Suez; questions and answers. Vsem. prom. dvizh. no. 9: 3-4 S '56.

Suez and oil. Nov. vrem. 14 no. 44:16-17 O '56.

Suez as a symbol. Vsem. prof. dvizh. no. 9:1-2 S '56.

The Suez Canal. IU. Dzhavad. Mor. flot 16 no. 10:27-29 O '56.

The Suez problem can not be solved by colonial methods. E. Zhukov. Kommunist 33 no. 14:77-84 S '56.

Travel notes. Suez Canal - Aden - Singapore. Tekh. mol. 24 no. 10:26-29 O '56.

SUGAR

Possibility for the enrichment of sugar with vitamin C. N. N. Berezovskaia and others. Vop. pit. 15 no. 5: 76-77 S-O '56.

SUGAR BEET BREEDING

(see also subdivision under Hungary)

Making use of the physiological and biochemical characteristics of various beet forms for increasing the sugar content of the sugar beet. A. S. Okanenko. Agrobiologiia no. 5:3-16 S-O '56.

SUGAR BEETS

(see also subdivision under Kharkov Province; Kursk Province)

Cleaning of sugar beets harvested by sugar combines. V. A. Novikov, P. M. Klchigin. Sakh. prom. 30 no. 8: 15-20 Ag '56.

Collective farms's income is increasing. A. S. Vasil'chenko. Sakh. svekl. no. 6:10-14 Ag '56.

Effect of scalding on sugar beets of various quality ("Zucker" no. 5 1956). Sakh. prom. 30 no. 8:72-74 Ag '56.

Every crew can obtain high yields. O. K. Diptan. Sakh. svekl. no. 6:5-9 Ag '56.

French beet growers in the Soviet Union. K. I. Orlov. Sakh. svekl. no. 6:45-47 Ag '56.

Hydraulic unloading of beets from trucks. P. P. Romanenko. Sakh. prom. 30 no. 7:35-36 Jl '56.

Loss of sugar-beet transplants resulting from diseases in roots for seeding. S. K. Gerashchenko, T. A. Kuznetsov. Sakh. prom. 30 no. 7:55-56 Jl '56.

Proper thinning of maternal beets. A. D. Kas'ianchuk. Sakh. prom. 30 no. 7:56-58 Jl '56.

The quality of sugar beets harvested by beet combines. M. A. Matula. Sakh. prom. 30 no. 7:16-17 Jl '56.

Reduce the losses of beets and increase the production of sugar. M. Z. Khelemskii. Sakh. svekl. no. 6:29-32 Ag '56.

Use of bacterial fertilizers for sugar beets. I. A. Geller. Agrobiologiia no. 5:83-91 S-O '56.

SUGAR BEETS—BIBLIOGRAPHY see Bibliography—Sugar beets

SUGAR BEETS—DISEASES AND PESTS

Experience in protecting sugar beets. B. P. Gudzii. Zashch. rast. ot vred. i bol. 1 no. 4:24-25 S-O '56.

We were successful in controlling sugar-beet weevils. IU. F. Morozova, A. E. Prentakina. Zashch. rast. ot vred. i bol. 1 no. 4:28-29 S-O '56.

SUGAR BEETS—HARVESTING

(see also subdivision under Altai Territory)

Harvest sugar beets in time and without losses. Sakh. svekl. no. 6:1-4 Ag '56.

Increase the effectiveness of combine harvesting. I. D. Eremeev. Sakh. svekl. no. 6:40-44 Ag '56.

"New" method for harvesting sugar beet seeds. I. I. Glushchenko, P. I. Litovkin, F. K. Sharun. Sakh. prom. 30 no. 8:46-49 N '56.

Use of tractor shovel for harvesting beets. ("Gazeta Cukrownicza" no. 5 1956). Sakh. prom. 30 no. 8: 77 Ag '56.

Vasil'kov Machine-Tractor Station before the harvest season. F. Kh. IAstreb. Sakh. svekl. no. 6:14-20 Ag '56.

We shall harvest 100 hectares of beets in one season. N. I. Senyk. Sakh. svekl. no. 6:20-24 Ag '56.

SUGAR BEETS—STORAGE

(see also subdivision under Kuban)

Storage of beets in high surface silos and beet processing. M. Z. Khelemskii, P. N. Shemiakin, B. I. Krasnokutskii. Sakh. prom. 30 no. 8:5-9 Ag '56.

SUGAR BEETS—TRANSPORTATION

Organization of sugar beet transportation. A. E. Samsonov. Sakh. prom. 30 no. 7:12-15 Jl '56.

SUGAR INDUSTRY

(see also subdivision under Bershad; Czechoslovakia; Denmark; Italy; Netherlands; Ukraine; Voronezh Province)

Automatic control and regulation of massecuite cooking. E. A. Megit'nyi. Sakh. prom. 30 no. 7:57 Jl '56.

Automation of processes of basic defecation and first saturation. P. L. Bozhko. Sakh. prom. 30 no. 7:42-46 Jl '56.

Buffer properties of diffusion juice and prelimed juice ("Zucker" no. 4 1956). Sakh. prom. 30 no. 7:64-66 Jl '56.

Conference of innovators and efficiency promoters of the Lvov Sugar Beet Trust. N. N. Lobach. Sakh. prom. 30 no. 7:78 Jl '56.

Duties of engineers in administrative divisions and trusts. A. M. Onufriev. Sakh. prom. 30 no. 7:18 Jl '56.

Eliminate shortcomings in the field of invention and efficiency promotion. A. S. Gal'perin. Sakh. prom. 30 no. 7:9-11 Jl '56.

For profitable work of sugar plants. V. I. Kasatkin. Sakh. prom. 30 no. 8:4 Ag '56.

For speeding up the harvest, transportation and processing of sugar beets. Sakh. prom. 30 no. 8: 1-3 Ag '56.

Improve planning. V. V. Anan'ev. Sakh. prom. 30 no. 8:34 Ag '56.

Inadequacies of instructions for checking the quality of sugar factory overhaul. P. S. Morgunov. Sakh. prom. 30 no. 7:12 Jl '56.

Increasing the productive capacity of sugar plants. L. E. Fleishman. Sakh. prom. 30 no. 8:11-14 Ag '56.

New technique for boiling down and crystallizing the final massecuite. I. N. Akindinov. Sakh. prom. 30 no. 7:73-75 Jl '56.

Precise method for planning and evaluating mechanization. V. V. Voinarovskii. Sakh. prom. 30 no. 8:32-34 Ag '56.

Present-day use of ionites in the sugar industry ("Listy Cukrovarnicke" no. 7 1955). Sakh. prom. 30 no. 7: 59-61 Jl '56.

SUGAR INDUSTRY (Continued)

Production of sugar from saccharliferous plants ("Sugar Ind. Abstr." no. 4 1955). Sakh. prom. 30 no. 8: 74 Ag '56.

Review of letters and notes. Sakh. prom. 30 no. 8: 50-51 Ag '56.

Some important problems. K. N. Kuz'menko. Sakh. prom. 30 no. 7:79 Jl '56.

Vibration in the diffusion process. A. S. Makeev, V. S. Bevzushenko, N. A. Burenkov. Sakh. prom. 30 no. 8:35-38 Ag '56.

Work of the State Plan commission of experts on problems relative to the development of the sugar industry. Sakh. prom. 30 no. 7:77-78 Jl '56.

SUGAR INDUSTRY—BIBLIOGRAPHY see Bibliography—Sugar industry

SUGAR INDUSTRY—BY-PRODUCTS

Sugar mill slime, a valuable calciferous fertilizer. I. G. Demidenko, M. D. Kovshun. Ud. i ur. 1 no. 9: 39-41 S '56.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Belt conveyor for removing rocky material from underneath the Mica apparatus. P. S. Maksimuk. Sakh. prom. 30 no. 8:40 N '56.

Calculating the capacity of crystallizers and centrifugals for second massecuite. D. V. Gorban'. Sakh. prom. 30 no. 8:24-27 Ag '56.

Contiuous drum-type stone catcher of the Bar Machine-Building Plant. V. N. Eremenko. Sakh. prom. 30 no. 7: 30-31 Jl '56.

Machine packaging of granulated sugar. N. N. Lobach, L. M. Radetskii. Sakh. prom. 30 no. 7:33-35 Jl '56.

Mechanized moving of loads in sugar factories. A. S. Makeev. Sakh. prom. 30 no. 7:47-50 Jl '56.

Obryvko beet stacker-unloader and rake-type beet loader. S. E. Fridman, A. S. Donchak, I. IU. Kliavir. Sakh. prom. 30 no. 7:50-54 Jl '56.

Obryvko stacker-unloader. P. I. Shevchenko. Sakh. prom. 30 no. 7:54 Jl '56.

Selection of a standard massecuite mixer for the sugar industry. M. A. Borkovskii. Sakh. prom. 30 no. 8: 27-31 Ag '56.

Simple system of connecting steam lines to juice heaters ("Zucker" no. 6 1956). Sakh. prom. 30 no. 7:61-62 Jl '56.

SUGAR INDUSTRY—PERIODICALS

A useful start. I. P. Lepeshkin. Sakh. prom. 30 no. 7: 75-76 Jl '56.

SUGAR INDUSTRY—STATISTICS

Comparison of sugar output of the campaigns of 1955-56, 1937-38 and 1950-51 ("Zucker" no. 8 1956). Sakh. prom. 30 no. 8:76 Ag '56.

SUGAR MACHINERY

Crystallizer with a disk-type rotating cooling surface. E. A. Mogil'nyi. Sakh. prom. 30 no. 7:68-72 Jl '56.

SUGAR OF MILK see Lactose

SUGGESTION SYSTEMS

For a further advance in the mass movement of innovators and inventors. N. Rozhdestvenskii, V. Sobolev. Sov. profsoiuzy 4 no. 10:7-12 O '56

SUKARNO, President of Indonesia, 1901-

Conferment of an honorary doctor of law degree on Sukarno, President of Indonesia. G. IA. Rudoi. Vest. AN SSSR

or of law degree on Sukarno, a. Sov. gos. i pravo no. 8:120-

Solubility isotherm of the quaternary system: $Na_2SO_4$ - $ZnSO_4$ - $(NH_4)_2$ - $H_2O$ at 35°. V. G. Shevchuk, I. N. Lepeshkov. Zhur. neorg. khim. 1 no. 8:1888-1895 Ag '56.

Ternary system of lithium, sodium, and cadmium sulfates. E. L. Bakumskaia, A. G. Bergman. Zhur. neorg. khim. 1 no. 7:1629-1637 Jl '56.

Volumetric determination of sulfates. O. S. Vargina, L. S. Foshko, Elek. sta. 27 no. 9:54-55 S '56.

SULFIDES

Galvanic sulfide dissolution as a formation cause of the hydrogeochemical halo of heavy metal dissemination [with English summary in insert]. G. B. Sveshnikov, S. L. Dobychin. Geokhimiia no. 4:70-75 '56.

Isotope ratio $S^{32}/S^{34}$ in sulfides [with English summary in insert]. A. P. Vinogradov, M. S. Chupakhin, V. A. Grinenko. Geokhimiia no. 4:3-9 '56.

Redox processes in colloidal solutions of various metal sulfides subjected to ultraviolet rays. E. M. Nanobashvili, L. P. Beruchashvili. Soob. AN Gruz. SSR 17 no. 7:607-614 '56.

SULFITE LIQUOR

Conference on the new technique and exchange of experience in the utilization of sulfite liquors. Gidroliz. i lesokhim. prom. 9 no. 5:17-18 '56.

Effect of cymene on the precipitation of slime from sulfite liquor. S. A. Sapotnitskii, N. V. Glushchenko, I. A. Khristiuk. Gidroliz. i lesokhim. prom. 9 no. 4:13-14 '56.

Sulfite cooking with acid on an ammonia base. IU. N. Nepenin, T. N. Orlova. Bum. prom. 31 no. 9:3-6 S '56.

SULFONIC ACIDS

Organic insectofungicides. Part 24. New method for the preparaion of halo phenyl esters of sulfonic acids. L. G. Vol'fson, and others. Zhur. ob. khim. 26 no. 9:2579-2581 S '56.

SULFONOL

Obtaining sulfonol from kerosene fractions of Surakhany petroleum [in Azerbaijani with summary in Russian]. M. A. Ashimov, M. A. Mamedova, S. A. Allakhverdieva. Izv. AN Azerb. SSR no. 8:31-40 Ag '56.

SULFUR

Electrochemical desulfurization of benzene. N. N. Nechiporenko. Zhur. prikl. khim. 29 no. 9:1377-1382 S '56.

Experiment on compound sulfur and iron. V. A. Blinchikov. Khim. v shkole 11 no. 5:52-53 S-O '56.

SULFUR—ISOTOPES

Isotope ratio $S^{32}/S^{34}$ in sulfides [with English summary in insert]. A. P. Vinogradov, M. S. Chupakhin, V. A. Grinenko. Geokhimiia no. 4:3-9 '56.

SULFUR DIOXIDE

Assimilation of sulfur anhydride from the air by plants. Zh. Medvedev, E. A. Fedorov. Priroda 45 no. 11:84-86 N '56.

SULFURIC ACID

Automation of sulfuric acid production by the contact method. A. G. Amelin, N. N. Shumilovskii. Khim. prom. no. 5:257-264 Jl-Ag '56.

Effect of temperature and of the linear velocity of gas on the rate of adsorption of nitrogen oxides by sulfuric acid. A. S. Bukhman, K. M. Malin. Zhur. prikl. khim. 29 no. 4:512-519 Ap '56.

Mass transfer and kinetics of acid formation in the liquid phase of nitrose-sulfuric acid syatems. M. L. Varlamov, E. L. Krichevskaia. Zhur. prikl. khim. 29 no. 4:620-628 Ap '56.

Recovery of nitric oxides by sulfuric acid in a tower with plane-parallel packing. IA. V. Shvartsshtein, 267 Jl-Ag '56.

SUN—CORONA

Colorimetry of the outer corona of the sun, February 25, 1952. R. B. Teplitskaia. Dop. to pov. L'viv. un. no. 4, pt. 2:75-76 '53.

On coronal rays. G. M. Nikolskii. Astron. zhur. 33 no. 4:588-606 Jl-Ag '56.

Photographic photometry of the sun's corona, 1952. IA. T. Kapko. Dop. to pov. L'viv. un. no. 4, pt. 2:76 '53.

SUNFLOWERS

Fall saturation irrigation for sunflowers. A. N. Nikiforov. Sel'khoz. Povol. no. 9:34-35 S '56.

Pectins of sunflowers. T. K. Gaponenkov, Z. I. Protasenko. Zhur. prikl. khim. 29 no. 9:1444-1447 S '56.

Vegetative hybridization of the sunflower. L. A. Zhdanov, A. P. Alekseev. Agrobiologiia no. 5:45-54 S-O '56.

SUNSPOTS

Methods for determining temperatures of sunspots. V. E. Stepanov. Dop. to pov. L'viv. un. no. 4, pt. 2:73 '53.

SUPERCONDUCTIVITY

On ferromagnetic superconductors [with English summary in insert]. V. L. Ginzburg. Zhur. eksp. i teor. fiz. 31 no. 2:202-210 Ag '56.

A possibility for using superconductivity. N. V. Zavaritskii. Priroda 45 no. 11:127 N '56.

Structure of the intermediate state of superconductors. B. M. Balashova, IU. V. Sharvin. Zhur. eksp. i teor. fiz. 31 no. 1:40-44 Jl '56.

SUPERCOOLING

Crystallization of supercooled water subjected to turbulent mixing. A. G. Kolesnikov, V. I. Beltaev. Dokl. AN SSSR 109 no. 6:1120-1122 Ag '56.

On the number of ice crystals in supercooled water. D. N. Bibikov. Dokl. AN SSSR 109 no. 6:1133-1135 Ag '56.

SUPERPHOSPHATES see Phosphates

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPERSONIC TESTING see Ultrasonic testing

SUPERSONIC WAVES see Ultrasonic waves

SUPPURATION

Cytology of suppurating wounds. N. P. Medvedev. Khirurgiia, 32 no. 7:55-59 Jl '56.

SURFACE TENSION

Surface tension of glass at the softening temperature [with English summary in insert]. M. A. Bolov. Zhur. fiz. khim. 30 no. 7:1570-1583 Jl '56.

SURFACES (TECHNOLOGY)

Conference on present-day methods and means for rating surface smoothness. B. S. Davydov. Izm. tekh. no. 4:65 Jl-Ag '56.

Maiatin, A. A. [Surface quality and service characteristics of machine parts] Kachestvo poverkhnosti i ekspluatatsionnye svoistva detalei mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 252 p., illus.

Modern methods of obtaining optimum surface smoothness on machine parts. A. E. Gel'fand. Rech. transp. 15 no. 8:26-30 Ag '56.

Wetting surfaces of solids with molten borate in various atmospheres. V. T. Marinina. Trudy VNIIStekla no. 36: 27-39 '56.

SURFACES, QUADRIC see Quadrics

SURFACES, REPRESENTATION OF

Homeomorphic immeasurable representations. M. O. Zaryts'kyi. Dop. in pov. L'viv. un. no. 4, pt. 2:59-60 '53.

SURGERY

(see also subdivision under Great Britain)

Minutes of sessions of the Pirogov Surgical Society. Vest. khir. 77 no. 9:146-154 S '56.

Velikoretskii, A. N., and V. A. Kruzhkov. [Surgery] Khirurgiia, izd. 7-oe, ispr. i dop. Moskva, Gos. izd-vo med. lit-ry, 1956. 491 p. (DAFM)

SURGERY—HISTORY

Khromov, V. M. [Readings on the history of surgery] Al'bom po istorii khirurgii. Moskva, Meduchposobie. No. 1. [History of Russian surgery] Istoriia russkoi khirurgii. 1955. (CLU)

SURGERY, ASEPTIC AND ANTISEPTIC

Breido, L. S. [History of antisepsis and asepsis in Russia] Istoriia antiseptiki i asseptiki v Rossii. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 194 p.

Prevention of suppuration in surgical wounds. I. V. Neaierov. Khirurgiia. 32 no. 7:36-40 Jl '56.

The problem of surgical infection. V. A. Ivanov. Khirurgiia. 32 no. 7:3-13 Jl '56.

GERY, OPERATIVE
nservative radical surgery in chronic gunshot osteo-myelitis. E. M. Filenko. Khirurgiia. 32 no. 7:34-37 l '56.
bashov, S. M. [Introduction to operative surgery; general section] Vvedenie v operativnuiu khirurgiiu; obshchaia chast'. Kishenev, Gos. izd-vo Moldavii, 956. 160 p.
(DAFM)
rgery for complications of poliomyelitis [with summary in English, p. 158]. M. I. Kuslik. Vest. khir. 77 lo. 9:3-19 S '56.
e of a hemostatic sponge and a hemostatic tampon with antibiotics in otolaryngological surgery. S. S. Trebshtein. Vest. oto-rin. 18 no. 5:26-28 S-O '56.
ing artificial hypothermia in surgery. I. R. Petrov. Voen.-med. zhur. no. 7:0-19 Jl '56.

GERY, VETERINARY see Veterinary surgery

GICAL INSTRUMENTS AND APPARATUS
w surgical needles. T. Koniushkova. Ogonek 34 o. 47:25 N '56.

KHAN-DARYA PROVINCE—ANTIQUITIES
me data based on the study of Ankhor group of rchaeological findings (1948-1949). L. I. Al'baum. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7:115-137 55.

VEYING
see also subdivision under Novosibirsk)
splacement of base tripods. D. V. Sapunova. Geod. i kart. no. 6:20-31 Ag '56.
aking out diameters in curves in connection with railroad and highway surveying. D. S. Plakhtin. Geod. i kart. no. 7:49-50 S '56.

VEYING—INSTRUMENTS
oordinate board. I. A. Semanov. Geod. i kart. no. 7: 77-78 S '56.
plies to readers' questions. I. V. Krylov. Geod. i kart. no. 6:75-77 Ag '56.

AMYR VALLEY—IRRIGATION
rigation of cultivated grass and resources of water and and in the Susamyr Valley. V. S. Kulikov. Trudy Inst. sod. khoz. i energ. AN Kir. SSR no. 3:33-47 '56.

PENSIONS
udy of the formation of structure in concentrated suspensions [with English summary in insert]. B. IA. Lempol'skii. Koll. zhur. 18 no. 5:621-625 S-O '56.

'FUN VALLEY—CLOVER
rowing red clover in the Suyfun-Khanka Plain region. G. A. Klimenko. Zemledelie 4 no. 10:112-113 O '56.

ICHA DISTRICT—BRICK INDUSTRY
producers' cooperative needs help. V. Shumilov. Prom. koop. no. 10:25 O '56.

ERDLOVSK—DISABLED—REHABILITATION, ETC.
uardian councils in the industries of Sverdlovsk. V. V. Krasovskaia. Sots. obesp. 17 no. 9:25-26 S '56.

ERDLOVSK—ELECTROMETALLURGY
fficient use of the capacity of electric arc furnaces. R. M. Shundin. Lit. proizv. no. 9:26-27 S '56.

ERDLOVSK—LAW
t the Sverdlovsk Law Institute. S. A. Sov. gos. i pravo no. 9:134 '56.

ERDLOVSK—MACHINERY INDUSTRY
xperience of the Sverdlovsk Machine Works on improving the design and standardizing machinery. G. F. Sadakov. Stroi. i dor. mashinostr. no. 9:28-29 S '56.

ERDLOVSK—OPERA
Okhonia"; an opera by G. Beloglazov. S. Rubin. Sov. muz. 20 no. 10:112-115 O '56.

ERDLOVSK—PRESTRESSED CONCRETE CONSTRUCTION
Conference on exchange of experience gained in using prestressed reinforced concrete elements. V. I. Idashkin. Nov. tekh. i pered. op. v stroi. 18 no. 10:31-32 O '56.

ERDLOVSK—STONECUTTING
Works of Ural stonecutters. A. Grigor'ev. Ogonek 34 no. 41:32 O '56.

ERDLOVSK PROVINCE—BOOKSELLERS AND BOOKSELLING
The central delivery of books. K. Tikhonova. Sov. knizh. torg. no. 10:19 O '56.

ITOSLAVS'KYI, SERHII IVANOVYCH, 1857-1931
Popova, L. [S. I. Svitoslavs'kyi; a sketch of his life and work] S. I. Svitoslavs'kyi; narys pro zhyttia ta tvorchist'. Kyiv, Mystetstvo, 1955. 32 p.
(MH)

VALLOWING see Deglutition

SWAMPS
(see also subdivision under Styr' Valley; Tien Shan; Ukraine)
Building an automobile and tractor winter road across a "floating" bog. V. I. Filin. Avt. dor. 19 no. 9:13-14 S '56.
Characteristics of the soil temperature in reclaimed swamps. E. P. Arkhipova. Meteor. i gidrol. no. 8:32-35 Ag '56.

SWEDEN—DESCRIPTION AND TRAVEL
Ten days in Sweden. G. Rassadin. Sov. pech. no. 10: 44-45 O '56.

SWEDEN—FERTILIZER SPREADERS
Swedish organomineral fertilizer spreaders. A. Kuziutkin. Tekhsov. MTS 17 no. 10:14-15 Ag '56.

SWEDEN—GAS TURBINES
Swedish 9000-kw gas-turbine installation. V. V. Frolov. Teploenergetika 3 no. 9:57 S '56.

SWEDEN—LOCOMOTIVES
A locomotive with thermo-pneumatic transmission. (from "Oil Engineer," no. 271, I, '56). Zhel. dor. transp. 38 no. 10:92-93 O '56.

SWEDEN—LUMBERING
Kul'beikin, M. P., and A. N. Sokolov. [What we learned about the lumber industry in Sweden] Nashe znakomstvo s lesnoi promyshlennost'iu Shvetsii. Moskva, Goslesbumizdat, 1956. 58 p.

SWEDEN—WOODPULP INDUSTRY
Automatization in continuous woodpulp cooking. (From "Paper Trade Journal," no. 13, 1954). E. A. Balmasov. Bum. prom. 31 no. 9:29-30 S '56.

SWEDEN—YOUTH
Summer of Swedish youth. Ö. Andersson. Vokrug sveta no. 10:7-8 O '56.

SWEDISH GYMNASTICS
F. P. [Manual of Swedish gymnastics; based on L. N. Terngren's work] Pidruchnyk shveds'koi rukhanky, na osnovi pidruchnyka L. N. Terngrena. New York, Vyd-vo "Hoverlia," 1956. 344, v p.

SWEDISH NEWSPAPERS
Ten days in Sweden. G. Rassadin. Sov. pech. no. 10: 44-45 O '56.

SWIMMING
(see also subdivision under Krasnodar Territory; United States)
Otorhinolaryngological examination of swimmers. A. M. Levando. Teor. i prak. fiz. kul't. 19 no. 9:690-695 '56.

SWIMMING POOLS see subdivision under Moscow

SWINE
(see also subdivision under Podol'sk District)
Sinestrol for stimulating estrus in swine. P. S. Solomkin. Veterinariia 33 no. 11:73-74 N '56.
Twenty-three centners of pork to a hundred hectares of plowland. G. Primov, F. Dobrynin. Sel'khoz. Povol. no. 9:56-57 S '56.
Ways of increasing the fertility of sows. K. I. Kliushkin, I. I. Mol'nikov. Sel'khoz. Povol. no. 9:58-59 S '56.

SWINE—DISEASES
Data on swine as carriers of the virus of Aujesky's disease. M. G. Nikitin. Shor. trud. Khar'. vet. inst. 20: 101-117 '49.

SWINE—FEEDING AND FEEDING STUFFS
Automatic feeder for swine. K. Osadchii. Blok. agit. no. 32:33-37 N '56.
Dynamics of gastric juice secretion in hogs following the feeding of various types of food. N. IA. Gridin. Fiziol. zhur. 42 no. 9:773-778 S '56.
Economic effectiveness of new work methods in hog raising. A. V. Solov'ev. Zhivotnovodstvo 18 no. 10: 8-12 O '56.
Let's improve the fattening of swine. A. Parasochka. Mias. ind. SSSR 27 no. 5:38 '56.
New developments in feeding swine. F. M. Mal'kov. Sel'khoz. Povol. no. 9:78 S '56.
Rationing salt in hog feed. I. IA. Titskii. Zhivotnovodstvo 18 no. 10:62-66 O '56.

SWINE BREEDING
Trends in swine breeding. A. P. Red'kin. Zhivotnovodstvo 18 no. 10:35-38 O '56.

SWINE HOUSES AND EQUIPMENT
Ukrainskii gosudarstvennyi institut proektirovaniia sel'skogo i kolkhoznogo stroitel'stva. [Hog-fattening barn for 300 head built of precast concrete elements produced on collective farms (with built-up roof). Standard plan no. 215.] Svinarnik-otkormochnik na 300 golov iz sbornykh zhelezobetonnykh konstruktsii, izgotovliaemykh v kolkhozakh (s sovmeshchennym pokrytiem). Tipovoi proekt No. 215. Kiev, Izdatel'skii otdel, 1955. 17 p., 62 plans.
(DA)

SWING MUSIC see subdivision 'Jazz music' under Great Britain

SWITCHES, ELECTRIC see Electric switchgear

SWITZERLAND—RAILROADS
From the experience of Swiss railroads. V. S. Sharonin. Zhel. dor. transp. 38 no. 10:86-91 O '56.

SYDYKBEKOV, TUGEL'BAI
Asanaliev, K. [The novels of Tugel'bai Sydykbekov] Romany Tugel'baia Sudykbekova. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1956. 98 p.

SYMMETRY
Pierre Curie's work in the field of symmetry. A. V. Shubnikov. Usp. fiz. nauk. 59 no. 4:591-602 Ag '56.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPHONY ORCHESTRAS see subdivision under Moscow; Uzbekistan

SYNCHROTRON
Coherent radiation of electrons in the synchrotron at centimeter wavelengths. A. M. Prokhorov. Radiotekh. i elektron. 1 no. 1:71-78 Ja '56.
Energy distribution in the spectrum of an incoherent emission of electrons moving in a synchrotron. IU. M. Ado, P. A. Cherenkov. Dokl. AN SSSR 110 no. 1:35-37 S-O '56.

SYNTHETIC PRODUCTS
Reducing industrial use of foodstuffs in the sixth five-year plan. P. Serebrennikov. Vop. ekon. no. 10:24-35 O '56.

SYNTHETIC RUBBER see Rubber, Synthetic

SYPHILIS
Astvatsaturov, K. R. [Syphilis, its diagnosis and treatment; manual for physicians] Sifilis, ego diagnostika i lechenie; rukovodstvo dlia vrachei. Moskva, Medgiz, 1956. 326 p.
(DAFM)

SYR DARYA
Taming of the Syr Darya. B. Snegov. Mol. kolkh. 23 no. 9:7 S '56.

SYR DARYA—STURGEONS
Capture of sturgeon (Acipenser stellatus Pall.) in the Syr Darya. O. D. Romanycheva, E. Markova. Ryb. khoz. 32 no. 10:89 O '56.

SYR DARYA VALLEY—WATER, UNDERGROUND
Hydrogeological conditions of the Samgara depression and the use of underground water for irrigation. I. K. Poletaev. Dokl. AN Tadzh. SSR no. 16:27-30 '56.

SYRIA
Syria. Blok. agit. no. 30:41-45 O '56.

SYSOLA DISTRICT—LIME
Lime resources for liming soils in Sysola District in the Komi A. S. S. R. N. N. Kuz'kokova, N. V. Chebykina. Trudy Komi fil. AN SSSR no. 2:27-31 '54.

SYSTEMS (CHEMISTRY)
Investigating three-phase equilibria in the system: aniline-analine hydrochloride-water at temperature of 25° C. M. P. Susarev, N. A. Smirnova. Vest. Len. un. 11 no. 16:85-104 '56.
Ostrovskii, L. A. [Study of mineral formation in certain silicate melts under water vapor and hydrogen pressure] Issledovaniia po mineraloobrazovaniiu v nekotorykh silikatnykh rasplavakh pod davleniem vodianogo para i vodoroda. Moskva, Izd-vo Akademii nauk SSSR, 1956. 198 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 1)
Some aspects of thermodynamics of systems subjected to conditions of material isolation. A. V. Storonkin. Vest. Len. un. 11 no. 16:74-84 '56.

TABLE TENNIS see subdivision under Poland

TABOR, POLAND—HOSPITALS, GYNECOLOGIC AND OBSTETRIC
Young citizens. Ogonek 34 no. 40:32 S '56.

TAGANROG—LIBRARIES
Our work with libraries. L. Paskevskii. Sov. knizh. torg. no. 10:20-21 O '56.

TAILORING see subdivision under Nalchik

TAIPING REBELLION, 1850-1864 see subdivision under China

TAIWAN see Formosa

TAJIK LITERATURE—HISTORY AND CRITICISM
Tajik Soviet literature is an indissoluble part of multinational socialist Soviet literature. I. S. Braginskii. Trudy AN Tadzh. SSR 31:157-178 '55.

TAJIKISTAN

Opening remarks by G. A. Aliev, vice president of the Academy of Sciences of the Tajik S. S. R. Trudy AN Tadzh. SSR 31:5-8 '55.

TAJIKISTAN—AGRICULTURE

Opening remarks of G. A. Aliev. Trudy AN Tadzh. SSR 31:5-8 '55.

TAJIKISTAN—AUTUMN

Autumn in Tajikistan. G. E. Shul'ts. Priroda 45 no. 11:124-125 N '56.

TAJIKISTAN—DARK BEETLES

New species of dark beetles in Central Asia. B. V. Sokolovskii. Dokl. AN Tadzh. SSR no. 17:43-44 '56.

TAJIKISTAN—BOTANY, ECONOMIC

Alkaloid bearers of northern Tajikistan. A. A. Ataev. Trudy AN Tadzh. SSR 38:83-89 '55.

TAJIKISTAN—CHESS—TOURNAMENTS

Championship of the Tajik S. S. R. IA. Estrin. Shakh. v SSSR 33 no. 9:230 S '56.

TAJIKISTAN—CLADOCERA

Tropical and subtropical species of crustaceans (Entomostraca, Cladocera) from the North Tajikistan rice fields. A. M. Mukhamediev. Dokl. Tadzh. SSR no. 17:25-29 '56.

TAJIKISTAN—COAL MINES AND MINING

Safety lamps in one of the mines in Central Asia. I. A. Petrov. [Trudy] VNIMI no. 30:3-16 '56.

TAJIKISTAN—COTTON GROWING

Achievements of the science of cotton growing and progressive practices in the field in Tajikistan during the Soviet period. V. P. Krasichkov, IA. D. Nagibin. Trudy AN Tadzh. SSR 31:95-105 '55.

TAJIKISTAN—CULTURE

Growth of the economy and culture of Tajikistan during the last 25 years. I. K. Narzikulov. Trudy AN Tadzh. SSR 31:141-153 '55.

TAJIKISTAN—ECONOMIC CONDITIONS

Growth of the economy and culture of Tajikistan during the last 25 years. I. K. Narzikulov. Trudy AN Tadzh. SSR 31:141-153 '55.

The role of Russian scientists in the development of science in Tajikistan. G. A. Aliev. Trudy AN Tadzh. SSR 31:11-25 '55.

TAJIKISTAN—FIELD MICE

Distribution and biology of high-mountain or silvery meadow mice in Tajikistan. V. I. Chernyshev. Dokl. AN Tadzh. SSR no. 16:73-78 '56.

TAJIKISTAN—GEOLOGY, STRATIGRAPHIC

Section of the Eastern Kara-Mazar upper-Paleozoic formations compared with the section of the Chirchik-Angren Basin. N. P. Vasil'kovskii, A. P. Nedzvetskii. Dokl. AN Tadzh. SSR no. 17:13-17 '56.

TAJIKISTAN—HISTORY

The consolidation of the Tajik socialist nation. A. M. Bogoutdinov. Trudy AN Tadzh. SSR 31:27-39 '55.

TAJIKISTAN—LEAF BEETLES

New species of leaf beetles (Coleoptera, Chrysomelidae) from Tajikistan. I. K. Lopatin. Dokl. AN Tadzh. SSR no. 15:71-72 '56.

TAJIKISTAN—LEAF ROLLERS

Material on the leaf beetles (Chrysomelidae) in Tajikistan. I. K. Lopatin. Dokl. AN Tadzh. SSR no. 17:35-41 '56.

TAJIKISTAN—MACHINE-TRACTOR STATIONS

Important problems in improving the work of machine-tractor stations. M. Shifrin. Khlopkovodstvo 6 no. 10: 37-41 O '56.

TAJIKISTAN—NATIONAL PARKS AND RESERVES

In "Tigrovaia Balka." V. Gippenreiter. Smena 33 no. 21:12-13 N '56.

TAJIKISTAN—PASTURES AND MEADOWS

Possibilities of improving the fall-winter-spring pastures. L. P. Sin'kovskii. Trudy AN Tadzh. SSR 36:147-155 '55.

TAJIKISTAN—POTATOES

Seasonal variation in the vitamin C content of potatoes grown in certain regions of Tajikistan. N. V. Kuznetsova. Vop. pit. 15 no. 5:79-81 S-O '56.

TAJIKISTAN—SCIENCE

The role of Russian scientists in the development of science in Tajikistan. G. A. Aliev. Trudy AN Tadzh. SSR 31:11-25 '55.

Tasks facing science in the sixth five-year plan. G. A. Aliev. Dokl. AN Tadzh. SSR no. 17:5-12 '56.

TAJIKISTAN—SOILS

Reclamation of virgin and fallow lands and tasks of the science of soil improvement in Tajikistan. I. N. Antipov-Karataev. Trudy AN Tadzh. SSR 31:71-83 '55.

TAJIKISTAN—UREDINEAE

Korbonskaia, IA. I. [Rust fungi of Tajikistan] Rzhavchinnye griby Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1954. 94 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, vol. 30)

TAJIKISTAN—VITICULTURE

Problems of developing viticulture in the Tajik S. S. R. F. B. Bashirov. Vin. SSSR 16 no. 5:22-26 '56.

TALC

The study of thermal and chemical activation of talc catalysts in synthesis involving CO and $H_2$. A. N. Bashkirov, F. I. Novak. Khim. i tekh. topl. no. 10:32-36 O '56.

TALES, INDIAN—HISTORY AND CRITICISM

Fairy tales about a wonderful country ("Indian fairy tales." Reviewed by B. Chalkovs'kyi). Pionerita 33 no. 10:30 O '56.

TALES, UKRAINIAN

[Ukrainian folk tales] Ukrains'ki narodni kazky. New York, Vyd-vo "Hoverlia," 1957. 16 p.

[Ukrainian folk tales] Ukrains'ki narodni kazky. Zi zbirnyka L.Rudchenka. Vyd. 2-oe. New York, Vyd-vo "Hoverlia," 1957. 123 p.

[Ukrainian folk tales] Ukrains'ki porokazy. Zibrav M. V. [N'iu-Iork, Vyd. Shkil'noi Rady UKKA, n. d.] 32 p. (CaOTU)

TALI COUNTY, CHINA—FAIRS

Fair at the foot of the Mount Ch'ang Shan. Kitai no. 8: 20-21 Ag '56.

TALC see subdivision under Donets Basin

TALLINN—CONCERTS

Tallinn. Sov. muz. 20 no. 9:118 S '56.

TALLINN—FASTENINGS

Three hundred clips in one minute. A. Karpov. Prom. koop. no. 10:21 O '56.

TALLINN—PUPPETS AND PUPPET PLAYS

In three languages. L. Smirnova. Vozhatyi 32 no. 10: 16-19 O '56.

TALLINN—TAXICABS

Automobile maintenance in the Tallinn taxi fleet. V. Polonskii. Avt. transp. 34 no. 9:34 S '56.

TAMBOV PROVINCE—AGRICULTURE

Agriculture of the Villein peasants in the Ryazan and Tambov guberniyas in the first half of the 19th century; crisis of the feudal landowning system of agriculture. I. D. Koval'chenko. Ist. zap. 56:129-185 '56.

TAMBOV PROVINCE—LIBRARIES, RURAL

A library for every collective farm. A. Popov. Sov. knizh. torg. no. 10:21 O '56.

TAMBOV PROVINCE—PHYSICAL GEOGRAPHY

"Natural characteristics of Tambov Province." Reviewed by V. K. Zhuchkova. Vop. geog. no. 39:199-200 '56.

TANGIER (ZONE)

Logical result. Nov. vrem. 14 no. 46:21 N '56.

Tangier; a news note. Nov. vrem. 14 no. 43:29-30 O '56.

TANGUT LANGUAGE

Materials for Tangut studies in the Orientalists' Archives of the Institute of Oriental Studies of the Academy of Sciences of the U. S. S. R. Z. I. Gorbacheva. Krat. soob. Inst. vost. no. 18:68-73 '56.

TANK VESSELS—CLEANING

Use of synthetic, surface-active washing and wetting substances for cleaning the tanker fleet. E. Skripchenko, A. Rabinovich, S. Livshits. Mor. flot 16 no. 7:21-22 Jl '56.

TANK VESSELS—REPAIRING

Repair works with use of an open flame and without cleaning of tank vessels. V. Anikin, P. Mochanov. Mor. flot 16 no. 10:14-16 O '56.

TANK WARFARE

Generation of the brave. B. Andrianov. Smena 33 no. 17:12 S '56.

Tankers' combat training. V. Ryl'nikov. Voen. znan. 31 no. 9:8-9 S '56.

TANKS

Optimum shapes and dimensions for constant-volume steel gas tanks. V. M. Alekseev. Sbor. trud. MISI no. 10:84-117 '56.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 37-55 for determining the capacity and calibration of stationary vertical reservoirs for petroleum products] Instruktsiia 37-55 po opredeleniiu vmestimosti i kalibrovke statsionarnykh vertikal'nykh rezervuarov dlia nefteproduktov. Izd. ofitsial'noe. Moskva, 1956. 30 p.

TANKS—WELDING

Automatic machine for welding horizontal seams of shell of a cylindrical tank. N. O. Okunevich. Tr. VNIISTROINEFT' no. 7:33-38 '56.

Defects in welded cylindrical tanks and measures to increase the safety of their use. A. S. Kaftanov. Tr. VNIISTROINEFT' no. 7:39-52 '56.

Welding of tank roofs to the framing with automatic welding machine. A. K. Krzhechkovskii. Tr. VNIISTROINEFT' no. 7:15-17 '56.

Welding oil tanks on the type MSHP-150 welding machine. I. M. Mann. Stroi. i dor. mashinostr. 1 no. 10:32-34 O '56.

TANKS (MILITARY SCIENCE)

Glorious traditions of the Soviet tankers; discussion by Major General N. M. Filippenko (Tank Corps of the Kantemir Tank Division (guards unit, Leader of the Order of the Red Banner). Voen. znan. 32 no. 9:4 S '56.

TANNINS

Investigation of tannin-bearing plants. II. A. Fedchenko, F. S. Pervukhin, P. D. Sokolov. Bot. zhur. 41 no. 10: 1407-1409 S '56.

The Tien Shan sorrel, a tannin plant, and its introduction into cultivation. V. P. Mikhailova. Trudy Bot. in-bot. AN Kazakh. SSR 1:131-145 '55.

TANTALATES

Study of the solubility of tantalates of alkaline earth metals. A. V. Lapitskii, A. F. Efimov. Vest. Mosk. un. 11 no. 6:67-71 Je '56.

TANTALUM

Atomization of tantalum and nickel in the form of ions following bombardment by positive cesium ions. V. I. Veksler, M. B. Ben'iamovich. Zhur. tekh. fiz. 26 no. 8:1671-1680 Ag '56.

Chemistry of the compounds of a variable composition. Part 4. System tantalum - selenium. S. M. Ariya, A. Zaslavskii, I. I. Matveeva. Zhur. ob. khim. 26 no. 9: 2373-2375 S '56.

Field emission of tantalum. M. I. Elinson, et al. Zhur. tekh. fiz. 26 no. 8:1668-1670 Ag '56.

TAPESTRY—EXHIBITIONS see subdivision under Leningrad

TAPEWORMS

Organizing measures for the control of cysticercosis and echinococcosis. R. S. Shul'ts, V. I. Rozhdestvenskaia. Veterinariia 33 no. 11:24-28 N '56.

TAPS AND DIES

Combined taps for round screw dies. T. A. Sukhareva. Stan. i instr. 27 no. 8:30-31 S '56.

TARASOV, V.

Outstanding driver V. Tarasov. A. Lazarev. Avt. transp. 34 no. 9:36 S '56.

TARGET PRACTICE

How to improve accuracy of practice in target ranges. Vest. Vozd. Fl. 30 no. 6:73 Je '56.

We are building new target ranges. G. Logvin. Voen. znan. 31 no. 9:23 S '56.

TARKICHENOK, ARTUR

A young hunter. I. Loganov. Okh. i okh. khoz. no. 10: 12 O '56.

TARTARIC ACID

Study of the interaction of gallium chloride with tartaric acid and its sodium salts. G. S. Savchenkov, E. V. Titov, charov. Zhur. neorg. khim. 1 no. 8:1804-1825 Ag '56.

TARTU—INSURANCE, SOCIAL

It's no longer necessary to worry about the future. S. Nikolaev. Sots. obesp. 17 no. 9:53-54 S '56.

TARUSA—RADIO, SHORTWAVE

Shortwave radio station in the school. V. Kudriashchev. Radio no. 10:8-8 O '56.

TASHKENT PROVINCE—COTTON GROWING

Make full use of the advantages of over-all mechanization for lowering production outlays on collective farms. V. Kotikova. Khlopkovodstvo 6 no. 9:15-19 S '56.

TASHKENT PROVINCE—FUNGI

New species of fungi on Medicago sativa L. in Uzbekistan. M. A. Karimov. Bot. mat. Otd. spor. rast. 11 128-131 Ja '56.

TATAR A. S. S. R.—AUTOMOBILE DRIVERS

Petroleum worker car owners on vacation. Avt. transp. 34 no. 9:34 S '56.

TATAR A. S. S. R.—CORN (MAIZE)

Steady corn yields in the Tatar A. S. S. R. Sh. V. Valeev. Kukuruza 1 no. 5:54 Ag '56.

TATAR A. S. S. R.—FOLK ART

In the quest for souvenirs. L. Rubinshtein. Prom. koop. no. 10:14-15 O '56.

TATAR A. S. S. R.—GAS, NATURAL—ANALYSIS

Composition of gases of petroleum deposits of the Tatar A. S. S. R. L. A. Mukhamedova. Khim. i tekh. topl. no. 11:10-15 N '56.

TATAR A. S. S. R.—PETROLEUM RESEARCH
Scientific research institute in the Tatar A. S. S. R. Neftianik 1 no. 7:31 Jl '56.

TATAR A. S. S. R.—PHYSICAL EDUCATION AND TRAINING
Petroleum workers of the Tatar A. S. S. R. are preparing for the Spartakiada of the peoples of the U. S. S. R. E. F. Slatkina. Neftianik 1 no. 7:33-34 Jl '56.

TATAR SINGERS see Singers, Tatar

TATISHCHEV, VASILII NIKITICH, 1686-1750
V. N. Tatishchev's role in the development of mining and geological prospecting in the Urals. G. A. Smirnov. Och. po ist. geol. znan. no. 5:132-154 '56.

TAVRIZIAN, MIKHAIL
Conductor M. Tavrizian. E. Grosheva. Sov. muz. 20 no. 9:101-104 S '56.

TAXATION see subdivision under Byzantine Empire

TAXATION—LISTS see subdivision under Siberia

TAXATION OF INCOME see Income tax

TAXICABS see subdivision under Tallinn

TAYMYR PENINSULA—PALEONTOLOGY
Finds of fauna remains on Taymyr Peninsula. L. D. Miroshnikov. Priroda 45 no. 10:117-118 O '56.

TEA
(see also subdivision under Krasnodar Territory)
Berezhnoi, I. M. [Cultivation practices for tea] Agrotekhnika chainogo rastenita. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 69 p. (DA)

TEACHERS
A change in the system for the appointment, transfer, and discharge of elementary school teachers. Nach. shkola 24 no. 11:63 N '56.
Measures to improve the distribution of educational personnel. Nach. shkola 24 no. 11:63 N '56.

TEACHERS, TRAINING OF
Measures to improve the preparation of teachers for work in general public schools. Sov. pedag. 20 no. 11:126 N '56.
The professional educational training of students and the instilling of unified purpose in the teaching of non-pedagogical courses. N. G. Kushkov. Uch. zap. Ped. inst. Gertz. 124:5-19 '56.
Training teachers to teach more than one subject. Sov. pedag. 20 no. 11:126-128 N '56.

TEACHING
The explorations must be soundly based. B. T. Malyshev. Sred. spets. obr. no. 11:17-21 N '55.
Instill students with an interest in the subject. L. S. Stvirkina. Sred. spets. obr. no. 11:52-54 N '55.
Learn from the best. M. V. Gavrilova. Doklk. vosp. 20 no. 10:28-32 O '56.
More than 30 years in teaching. A. M. Butlaev. Nach. shkola 24 no. 11:41 N '56.
Some aspects of the organization of students' attention in the teaching process. D. I. Gatkevich. Sov. pedag. 20 no. 11:53-62 N '56.
Students must know the aim of the lesson. IA. L. Portnov. Sred. spets. obr. no. 10:21-23 O '56.
Theory of teaching methods in Soviet schools. E. IA. Golant. Sov. pedag. 20 no. 11:90-98 N '56.

TEACHING—AIDS AND DEVICES
The use of visual aids at examinations. A. G. Shishkina. Vest. vys. shkoly 14 no. 10:40-41 O '56.
"Using visual aids in history classes." M. I. Dekhtiariuk. Reviewed by H. I. Pidhuts'kyi, I. M. Skrypkin. Rad. shk. 35 no. 10:51 O '56.

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION
(see also subdivision under Guryev; Pyatigorsk; Riga; Ukraine; Wildau, Germany)
Brief news. Sred. spets. obr. no. 11:61-64 N '55.
Change the system for the admission of outstanding students. N. P. Sroshko, F. D. Totsenko, F. S. Gorbach. Sred. spets. obr. no. 10:54-56 O '56.
Conducting course projects. A. S. Tul'chinskii. Sred. spets. obr. no. 10:12-14 O '56.
Courses for industrial plant school managers. V. N. Belov. Neftinnik 1 no. 7:32 Jl '56.
Eliminate overlapping in specialized courses. S. B. Ratinov. Sred. spets. obr. no. 10:19-21 O '56.
Industrial activity of educational institutions. N. Riabov. Prof.-tekh. obr. 13 no. 10:21-23 O '56.
A gathering for parents. S. M. Storozhenko. Sred. spets. obr. no. 11:35-36 N '55.
News items. Prof.-tekh. obr. 13 no. 10:32-33 O '56.
One can't master modern technology without deep knowledge. I. Andrianov. Blok. agit. no. 30:1-10 O '56.
Relating course projects to present needs. Sred. spets. obr. no. 10:3-6 O '56.
Russia (1923- U. S. S. R.) Glavnoe upravlenie uchebnymi zavedeniiami. [Higher institutions for the study of railroad transportation; a manual for entrants] Vysshie uchebnye zavedeniia zheleznodorozhnogo transporta; spravochnik dlia postupaiushchikh. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 85 p.
Teaching specialized technology. V. IAnovskii. Prof.-tekh. obr. 13 no. 10:19-20 O '56.
Technical knowledge is an important objective for workers in public libraries. I. A. Mokhov. Sov. bibl. 43:3-9 '56.

TECHNICAL EDUCATION—HISTORY
Nechaev, N. V. [Mining and metallurgical schools of the Urals; the history of professional and technical education in Russia] Gornozavodskie shkoly Urala; k istorii professional'no-tekhnicheskogo obrazovaniia v Rossii. Pod red. A. M. Pankratovoi. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 205 p.

TECHNICAL JOURNALISM see Journalism, Technical

TECHNOLOGY
Advice to the librarian on the promoting of technical literature. G. Multanovskaia. Bibliotekar' no. 10:28-32 O '56.
Around the world. Znan. sila 31 no. 10:14-15 O '56.
Engineers at the counter. B. Briukhanov. Sov. knizh. torg. no. 8:14-15 Ag '56.
Exhibition of technical books at a factory. V. Peshkova. Bibliotekar' no. 11:20-21 N '56.
Meeting with readers. V. Blinova. Sov. knizh. torg. no. 8:16-17 Ag '56.
Short notes. Tekh. mol. 24 no. 10:13-15 O '56.
Technological books should be more widely advertised. I. Kutuzov, S. Inikhov. Sov. knizh. torg. no. 8:4-6 Ag '56.
Technological progress in the Soviet national economy in the sixth five-year plan. N. Sokolov. Plan. khoz. no. 4:17-30 '56.
The world of books and magazines. Tekh. mol. 24 no. 10:34-35 O '56.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—BOOK REVIEWS
Technology [reviews of foreign literature]. Nov. knigi za rub. 9 no. 8:3-124 Ag '56.

TECHNOLOGY—PERIODICALS
Some defects in the journals of abstracts published by the Institute of Scientific and Technical Information. E. V. Lenish. Sov. bibl. no. 43:92-99 '56.

TECHNOLOGY—PERIODICALS—BIBLIOGRAPHY see Bibliography—Technology—Periodicals

TEETH—ABNORMITIES AND DEFORMITIES
Beautiful teeth. IA. S. Kurgina. Zdorov'e 2 no. 10:27 O '56.

TEETH—DISEASES
Kurilandskii, V. IU. [Orthopedic therapy in pyorrhea alveolaris] Ortopedicheskoe lechenie al'veoliarnoi piorrei (amfodontoza) i travmaticheskoi artikuliatsii. Izd. 2-oe. Moskva, Medgiz, 1956. 289 p. (DAFM)

TEETH—EXTRACTION
Tanfil'ev, D. E. [Teeth extraction] Udalenie zubov. [Leningrad] Medgiz, 1956. 102 p. (Biblioteka prakticheskogo vracha) (DAFM)

TELECOMMUNICATION
(see also subdivision under Kalinin Province; Khabarovsk Territory; Orlov Province)
Communication in the V. I. Lenin Central Station. Vest. sviazi 16 no. 9:18-20 S '56.
Concerning M Vlasov's article. V. Novikov. Sots. trud. no. 4:107-108 Ap '56.
Conference of interdistrict control workers. Vest. sviazi 16 no. 9:20 S '56.
Direct all efforts toward more active technical propaganda in communications enterprises. Vest. sviazi 16 no. 9:2-4 S '56.
For wider propaganda and introduction of the achievements of science and technology. Vest. sviazi 16 no. 9:1-2 S '56.
More about combined trades. M. Vlasov. Sots. trud. no. 4:108-110 Ap '56.
New certificates of inventions. Elektrosviaz' 10 no. 9:102-103 S '56.
New certificates of inventions. Elektrosviaz' 10 no. 10:80 O '56.
"Operating electric communication systems and radio service in the district." A. P. Afanas'ev and others. Reviewed by I. V. Bulygin, I. Sh. Basin, K. F. Prodan.
Soloveichik, L. M. [Ways of increasing the profitableness of communication enterprises] Puti povyshenitia rentabel'nosti predpriiatii sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 47 p. (Lektsii po ekonomike sviazi)

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELEGRAPH
Koptev, I. V. A theory of overhead lines of communication] Teoriia vozdushnykh linii i sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 281 p.

TELEGRAPH—APPARATUS AND SUPPLIES
Regulating the SORS relay rod and preventive testing of the ST-35 transmitter contact system. A. I. Kordobovskii. Vest. sviazi 16 no. 9:11-13 S '56.

TELEGRAPH—AUTOMATIC SYSTEMS
Automatic transmission-reception of telegrams using code commutation. G. F. Pramnek. Elektrosviaz' 10 no. 10:55-62 O '56.

TELEGRAPH CABLES
Russia (1923- U. S. S. R.) Ministerstvo sviazi. [Interdepartmental norms and estimates for construction and installation work] Mezhduvedomstvennye normy i rastsenki na stroitel'nye i montazhnye raboty. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture.
Sec. 63. [Building communication cables] Kabel'nye sooruzhenila sviazi. 1956. 106 p.

TELEGRAPH STATIONS see subdivision under Moscow

TELEMETER
IG-1 clearance measuring instrument. V. A. Orlov. Energetik 4 no. 10:28-29 O '56.
Method for time-pulse transformation [with English summary in insert]. I. A. Zakharila, V. N. Mikhailovskii. Avtom. i telem. 17 no. 9:836-846 S '56.

TELEMETERING
Automatic powder level indicator for storage bins. M. I. Kolesnik, V. F. Ignatov. Ogneupory 21 no. 6:276-278 '56.
Telemetry and remote control of gas distributive stations. A. S. Boronikhin. Gaz. prom. no. 11:28-31 N '56.

TELEPHONE
(see also subdivision under China)
Koptev, I. V. [A theory of overhead lines of communication] Teoriia vozdushnykh linii i sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 281 p.

TELEPHONE, AUTOMATIC
Automatic telephone system with coordinate connectors. V. N. Roginskii. Vest. sviazi 16 no. 9:29-31 S '56.
System of transmitting numbers in automatic long-distance telephone communication. V. N. Roginskii. Elektrosviaz' 10 no. 10:45-54 O '56.

TELEPHONE, AUTOMATIC—TESTING
Devices for testing ATS-47 equipment. Vest. sviazi 16 no. 9:28 S '56.

TELEPHONE, WIRELESS see subdivision under Germany, East

TELEPHONE CABLES
Russia (1923- U. S. S. R.) Ministerstvo sviazi. [Interdepartmental norms and estimates for construction and installation work] Mezhduvedomstvennye normy i rastsenki na stroitel'nye i montazhnye raboty. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture.
Sec. 63 [Building communication cables] Kabel'nye sooruzhenila sviazi. 1956. 106 p.

TELEPHONE LINES
Interference protection for long-distance communication channels. IU. D. Farber. Elektrosviaz' 10 no. 10:35-44 O '56.

TELESCOPE—HISTORY
History of the telescope. G. D. Mamedbeili. Uch. zap. AGU no. 11:71-74 '55.

TELEVISION
In the Collegium of the Ministry of Communications of the U. S. S. R. Vest. sviazi 16 no. 9:33 S '56.

TELEVISION—APPARATUS AND SUPPLIES
Video amplifier using transistor triodes. S. A. Gariantinov. Elektrosviaz' 10 no. 9:83-94 S '56.

TELEVISION—CONGRESSES see subdivision under Leningrad

TELEVISION—RECEIVERS AND RECEPTION
Aperture distortions. L. Seliakov. Radio no. 10:34-36 O '56.
Bardakh, I. M., and L. V. Troitskii. [Amateurs' television sets] Liubitel'skie televizory. Moskva, Gos. energ. izd-vo, 1951. 119 p. (Massovaia radio-biblioteka, no. 90)
[MICROFILM]
Long-distance television reception. Radio no. 9:27 S '56.

TELEVISION—STUDY AND TEACHING see subdivision under Voronezh

TELEVISION BROADCASTING see subdivision under United States

TELEVISION IN AERONAUTICS

Television in aeronautics. R. G. Volkov. Vest. Vozd. fl. 44 no. 5:92-93 My '56.

Television in the aerial location of fish. A. P. Golenchenko. Izv. AN Latv. SSR 45 no. 11:104-105 N '56.

TELEVISION IN INDUSTRY

Television in boiler installations (from "BWK," 5 no. 4 '53). Avtom. energ. 1 no. 10:32-34 O '56.

TELEVISION IN MEDICAL EDUCATION

Surgical television unit. E. Osipov. Nauka i zhizn' 23 no. 11:72 N '56.

TELLURIUM—METALLURGY

Purification of tellurium and antimony. F. I. Vasenin. Fiz. met. i metalloved. 3 no. 2:360-362 '56.

TEMIR-TAU—BUILDING

Iron mountain. V. Lavrov. Rabotnitsa 34 no. 10:2-3 O '56.

TEMIR-TAU—CONSTRUCTION INDUSTRY

Let us build Kazakhstanskaya Magnitka. V. Seliutina. Mol. kolkhoz. 14 no. 10:44-45 O '56.

TEMPERAMENT

Comparative evaluation of various methods of determining types of higher nervous activity in animals. A. IE. Krilichenko. Fiziol. zhur. [Ukr.] 1 no. 5:3-11 S-O '55.

Nervous children. D. Orlova. Zdorov'e 2 no. 10:30 O '56.

TEMPERATURE see subdivision under Rybinsk Reservoir

TEMPERATURE—MEASUREMENT

Analysis and calculation of a bridge current including a thermistor for temperature measurement. G. K. Nechaev. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:87-98 '55.

Measuring temperature with a graphite-tungsten thermocouple. E. A. Gal'tseeva. Teploenergetika 3 no. 10: 62-63 O '56.

TEMPERATURE, ANIMAL AND HUMAN see Body temperature

TEMPERING

Metallographic characteristics of structural steel in the state of reversible temper brittleness. Part 2. Fracture-surface metallography. S. F. IUr'ev, Z. I. Kusnitsina. Fiz. met. i metalloved. 3 no. 2:292-298 '56.

Metallographic characteristics of structural steel in the state of reversible temper brittleness. Part 7. Microstructural investigation. S. F. IUr'ev, Z. I. Kusnitsina. Fiz. met. i metalloved. 3 no. 2:282-291 '56.

Nature of reversible temper brittleness in structural steel. S. F. IUr'ev. Metalloved. i obr. met. no. 10: 37-51 O '56.

TEMPLES see subdivision under Angkor, Cambodia

TEMPORAL BONE—ABNORMITIES AND DEFORMITIES

Abnormality of the styloid process. M. D. Kazhlaev. Vest. oto-rin. 18 no. 5:121-122 S-O '56.

TENNIS

The first racket. N. Fomichev. Smena 33 no. 19:8 O '56.

TENURE OF LAND see Land tenure

TERENIN, ALEKSANDR NIKOLAEVICH, 1896-

Aleksandr Nikolaevich Terenin; on his 60th birthday. G. G. Neutmin. Opt. i spektr. 1 no. 4:449-455 Ag '56.

TEREPHTHALIC ACID

Terephthalic acid polyesters of glycols as elastomers. A. I. Kogan, M. M. Kitaigorodskii [illegible]

TESTOSTERONE

Effect of the administration of synestrol and testosterone propionate on experimental ovarian tumors induced by X rays in mice [with summary in English]. I. D. Nechaeva. Vop. onk. 2 no. 4:397-405 '56.

TETBURY, ENGLAND—BUILDINGS, PREFABRICATED

Prefabricated concrete panels at the Tetbury plant (from "Prefabrication," March, 1956). Stroi. mat., izdel. i konstr. 2 no. 9:38 S '56.

TETRI-TSKARO REGION—EXCAVATIONS (ARCHAEOLOGY)

Principal results of archaeological excavations in the Nachivchavebi settlement in 1955. I. A. Gzelishvili. Soob. AN Gruz. SSR 17 no. 7:667-672 '56.

TEXTBOOKS

How the plan for textbook publication is being fulfilled. Sred. spets. obr. no. 10:60-64 O '56.

TEXTILE INDUSTRY

Scientific-technical conference on synthetic dyes and textile auxiliary materials. V. Kuvichinskii. Khim. prom. no. 5:317-318 Jl-Ag '56.

TEXTILE INDUSTRY—HYGIENIC ASPECTS

Experience in detailed analysis of temporary incapacity to work due to illness. M. S. Meller, G. B. Shteinborg. Gig. i san. 21 no. 10:36-43 O '56.

TEXTILE MACHINERY see subdivision under Great Britain

THAELMAN, ERNST, 1886-1944

E. Thaelman. A. Kastrytski. Belarus' 13 no. 10:27 O '56.

THAILAND—DEFENSES

Positive proof. Nov. vrem. 14 no. 46:21-22 N '56.

THAILAND—FOREIGN RELATIONS—UNITED STATES

Opinions differ. Nov. vrem. 14 no. 43:18-19 O '56.

THALAMOPHORA see Foraminifera

THALAMUS see Optic thalamus

THEATER see subdivision under Belgrade; Dnepropetrovsk; Kiev; Korea, North; Krasnoyarsk; Kunshan, China; Ukraine

THEATER—HISTORY

(see also subdivision under Dubrovnik; Minsk; Penza; Ukraine)

Kostetskii, I. [Soviet theatrical policy and the Stanislavskii system] Sovetskaia teatral'naia politika i sistema Stanislavskogo. Miunkhen, 1956. 110 p. (Institut zur Erforschung der UdSSR. Issledovaniia i materialy, ser. 2, no. 50)

Smirnova, Vera. [Literature and the theater; articles] O literature i teatre; stat'i. Moskva, Sovetskii pisatel', 1956. 407 p.

THEATER—PRODUCTION AND DIRECTION see subdivision under Ukraine

THEATER CRITICISM see Dramatic criticism

THEATERS—STAGE SETTING AND SCENERY

Syrkina, F.IA. [Russian art in stage setting and scenery for theaters during the second half of the 19th century; sketches] Russkoe teatral'no-dekoratsionnoe iskusstvo vtoroi poloviny XIX veka; ocherki. Moskva, Gos. izd-vo "Iskusstvo," 1956, 378 p.

THEATRICALS, AMATEUR see Amateur theatricals

THEFT see Larceny

RIES see subdivision under Odessa;

see subdivision under Lenin-

see Chemistry, Physical

'ors, Theory of

roups, Theory of

Structures, Theory of

igress of therapeutists, 20 no. 6:6-16 '56.

S see subdivision under

AL see subdivision under

in binary systems formed tes with strontium and chev, I. B. Markina, chim. 1 no. 7:1613-1618

Oriented thermal equilibrium in plastic deformation. A. P. Chekmarev and others. Trudy Inst. chern. AN URSR no. 10:129-137 '56.

Photorecording apparatus for thermal analysis. TSarinov, V. Z. Kolodiazhnyi. Vest. AN [illegible] no. 10:35-37 O '56.

THERMAL DIFFUSIVITY

Thermal conductivity and temperature diffusivity of cast iron. N. B. Kuprovskii, I. V. Gel'd [illegible] no. 9:16-18 S '56.

THERMAL EXPANSION see Expansion (Heat)

THERMIONIC EMISSION

Anomalous saturation in the emission of oxide thermocathodes. IA. P. Zingerman. Ukr. fiz. zh. no. 2:134-142 Ap-Je '56.

THERMISTORS

Analysis and calculation of a bridge current including a thermistor for temperature measurement. G. K. Nechaev. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:87-98 '56.

THERMOCHEMISTRY

Calculation of the thermodynamic constants of [illegible] halides from the EMF's and the temperature coef. of chemical and Daniell-Jacobi cells [with English summary in insert]. B. F. Markov. Zhur. fiz. khim. no. 7:1537-1539 Jl '56.

Thermodynamics of salts at high temperatures. IV. Component activity in mixtures of salt melts. M. K. [illegible] senskaia. Zhur. neorg. khim. 1 no. 7:1416-1423 '56.

THERMOCOUPLES

Checking thermocouples. Izm. tekh. no. 4:[illegible] Jl-A

Measuring temperature with a graphite-tungsten thermocouple. E. A. Gal'tseeva. Teploenergetika 3 no. 10: 62-63 O '56.

Steam thermostat for controlling surface thermocouples. P. B. Kantor, V. E. Finkel'shtein, K. S. Shpigel'man. Izm. tekh. no. 4:76-77 Jl-Ag '56.

THERMODYNAMICS

Some aspects of thermodynamics of systems subject to conditions of material isolation. A. V. [illegible] Vest. Len. un. 11 no. 16:74-84 '56.

THERMODYNAMICS—BIBLIOGRAPHY see Bibliography Thermodynamics

THERMOMETERS

Radiation errors of a platinum resistance thermometer. V. G. Kastrov, G. P. Parapunova. Trudy TSAO no. [illegible] 18-20 '56.

Semiconductor electric thermometer for veterinary use. B. M. Shilimovich. Zhivotnovodstvo 18 no. [illegible] O '56.

THERMOMETRY

Conference on instruments used in thermal and automatic control. S. M. Zholkovskii. Izm. tekh. no. 4 86 Jl-Ag '56.

Thermographic study of melts and salts and metals. I. K. Tovmasian. Zhur. neorg. khim. 1 no. 7:1632-1645 Jl '56.

THERMOPHILIC BACTERIA see Bacteria, Thermophil

THERMOSTAT

Steam thermostats for controlling surface thermocouples. P. B. Kantor, V. E. Finkel'stein, K. S. Shpigel'man. Izm. tekh. no. 4:76-77 Jl-Ag '56.

Thermostat for checking alcoholometers made of metal. R. R. Zlatogurskii. Izm. tekh. no. 4:75 Jl-Ag '56.

Thermostat for checking standard grade-two alcoholometers made of metal. S. M. Krasnopol'skaia. Izm. tekh. no. 4:73-75 Jl-Ag '56.

Thermostatic metrological device for measuring the density of liquids and solids. P. A. Nalimov. Izm. tekh. no. 4:72-73 Jl-Ag '56.

THIADIAZOLE

Heterocyclic compounds obtained from hydrazides. Part 2. 2, 5-substituted derivatives of 1, 3, 4-thiadiazoles. N. N. Vereshchagina, I. IA. Postovskii. Zhur. ob. khim. 26 no. 9:2598-2602 S '56.

THIAMINE

Ascorbic acid and thiamine content of food rations in a city hospital. IU. M. Ostrovskii. Vop. pit. 15 no. 5:72 S-O '56.

Certain pathomorphological disorders in experimental vitamin B1 deficiency in dogs. T. E. Katinina, E. I. Skalinskii. Biul. eksp. biol. i med. 42 no. 8:74-78 S '56.

Conditioned reflex function of white rats following administration of thiamine in hypoxia. F. P. Kosmolinskii. Vop. pit. 15 no. 5:64-65 S-O '56.

Effect of thiamine on tissue respiration in hypoxia. F. P. Kosmolinskii. Vop. pit. 15 no. 5:73-75 S-O '56.

THIAZINE—SPECTRA

Absorption band characteristics of leuco-base thiazine dyes. A. T. Vartanian. Opt. i spektr. 1 no. 4:478-493 Ag '56.

THIGH—FRACTURE see Femur—Fracture

THIOCYANATES—ANALYSIS
Formation and photocolorimetric analysis of a tungsten and rhodanide complex. D. N. Finkel'shtein. Zav. lab. 22 no. 8:911-915 Ag '56.

THIOINDIGO
X-ray analysis of indigo and thioindigo. E. A. Gribova, G. S. Zhdanov, G. A. Gol'dberg. Kristallografiia 1 no. 1:53-60 '56.

THIOPHENE
Synthesis and polymerization of vinyl derivatives of furan and thiophene series. I. V. Andreeva, M. M. Koton. Dokl. AN SSSR 110 no. 1:75-78 S-O '56.
Synthesis of amino acids of the aliphatic series from thiophene derivatives. Part 1. Synthesis of α-amino acids. IA. L. Gol'dfarb, B. P. Fabrichnyi, I. F. Shalavina. Zhur. ob. khim. 26 no. 9:2595-2602 S '56.

THIOPHOSPHATES
Organic insectofungicides. Part 22. Interaction of dialkylchlorothiophosphates with p-nitrophenol in the presence of pyridine hydrochloride. Z. M. Bakanova, IA. A. Mandel'baum, N. N. Mel'nikov. Zhur. ob. khim. 26 no. 9 2575-2577 S '56.
Organic insectofungicides. Part 23. Preparation of dialkylchlorothiophosphates. N. N. Mel'nikov, and others. Zhur. ob. khim. 26 no. 9:2577-2579 S '56.
Organic insectofungicides. Part 25. Synthesis of mixed esters of thiophosphoric acid. IA. A. Mandel'baum, N. N. Mel'nikov, V. I. Lomakina. Zhur. ob. khim. 26 no. 9 2581-2583 S '56.

THISTLE see subdivision under Azerbaijan

THORIUM CHLORIDES
Interaction of thorium oxide with its chloride in salt melts. M. V. Smirnov, L. E. Ivanovskii. Zhur. neorg. khim. 1 no. 8:1843-1849 Ag '56.

THORIUM COMPOUNDS
Determination of stability constants for $Th(NO_3)_x^{4-x}$ ions by extraction with tributyl phosphate. V. V. Fomin, E. P. Materova. Zhur. neorg. khim. 1 no. 8:1703-1712 Ag '56.

THORIUM OXIDES
Interaction of thorium oxide with its chloride in salt melts. M. V. Smirnov, L. E. Ivanovskii. Zhur. neorg. khim. 1 no. 8:1843-1849 Ag '56.

THOUGHT AND THINKING
Some defects in the study of students' thought processes. L. N. Landa. Sov. pedag. 20 no. 11:18-30 N '56.

THREE BODIES, PROBLEM OF see Problem of three bodies

THRESHING
Vlasenko, N.D., and IA.N.Fishman, [Mechanization of threshing operations] Mekhanizatsiia rabot na tokakh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 91 p.

THRESHING MACHINES
MLK-4, 6 hemp thresher. I. M. Makhov. Len i konop. no. 8:20-23 O '56.
Machines for shelling corn. G. M. Gin'ko. Kukuruza 1 no. 6:36 Ag '56.

THROMBOSIS
Metastases of ovarial tumor simulating thrombosis of the cavernous sinus. A. A. Kravchenko. Vest. oto-rin. 18 no. 5:115-116 S-O '56.

THUNDERSTORMS
Roll of thunder. F. D. Doroshenko. Meteor. i gidrol. no. 8:32 Ag '56.

THYROID GLAND
(see also subdivision under Bucovina)
Effect of hexonium and luminal on thyroid function; studies with radioiodine. G. P. Smirnov. Probl. endok. i gorm. 2 no. 4:18-26 Jl-Ag '56.
Functional state of the thyroid in cardiovascular insufficiency; data on radioiodine uptake. E. V. Sul'e. Probl. endok. i gorm. 2 no. 4:27-31 Jl-Ag '56.
Significance of the thyrotropic function of the pituitary in the pathogenesis of thyrotoxicosis. IU. E. Livergant. Probl. endok. i gorm. 2 no. 4:32-41 Jl-Ag '56.
Strumogenic action of para-aminosalicylic acid. P. A. Vunder, Lapshina, V. F. Probl. endok. i gorm. 2 no. 4:76-81 Jl-Ag '56.

THYROID GLAND—DISEASES
Case of thyroid calculus. N. F. Khokhlov. Probl. endok. i gorm. 2 no. 4:122-123 Jl-Ag '56.
Cases of nonspecific chronic thyroiditis of the Hashimoto type. T. S. Sunargulov. Probl. endok. i gorm. 2 no. 4: 124-126 Jl-Ag '56.
Diagnosis of chronic thyroiditis. L. P. El'manovich. Probl. endok. i gorm. 2 no. 4:46-49 Jl-Ag '56.
Differential diagnosis of initial forms of thyrotoxicosis. I. S. Tal'tsin. Probl. endok. i gorm. 2 no. 4:113-119 Jl-Ag '56.

THYROXINE
Effect of deficiency or excess of thyroxine in insulin hypoglycemia. B. S. Rodkina. Probl. endok. i gorm. 2 no. 4:101-109 Jl-Ag '56.
Effect of thyroxine on gas exchange in rats following the administration of bromine. T. O. Dzholeva. Fiziol. zhur. [Ukr.] 1 no. 4:111-116 Jl-Ag '55.

TIBET—AGRICULTURAL EXPERIMENT STATIONS
Agricultural experiment station on the Tibet plateau. Kitai no. 8:12-13 Ag '56.

TIBET—DESCRIPTION AND TRAVEL
Kassis, V. B. [Eighty days in Tibet] Vosem'desiat dnei v Tibete. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 91 p.

TIBET—POLITICS AND GOVERNMENT
Tibet's political system. G. M. Valiakhmetov. Sov. gos. i pravo no. 7:113-118 '56.

TIBIA—DISEASES
Two cases of total hemotogenous osteomyelitis of the femur and the shin bone. M. K. Akmalov. Khirurgiia. 32 no. 7:80-82 Jl '56.

TICKS
Cases of copulation of Rhipicephalus sanguineus (Latr.), 1806 with Boophilus calcaratus Birr., 1935 (Ixodidae). V. I. Ermoshkevich. Dokl. AN Tadzh. SSR no. 17:31-33 '56.
Effect of reduced atmospheric pressure and of certain gases upon the ticks Ornithodorus papillipes Bir. E. N. Pavlovskii, I. K. Teravskii. Dokl. AN SSSR 109 no. 6:1133-1135 Ag '56.
Morphological characteristics of Haemaphysalis caucasica Ol, (Ixodidae) larvae and nymphs. B. V. Lototskii. Dokl. AN Tadzh. SSR no. 16:93-98 '56.

TIEN SHAN—MOUNTAINEERING
Ascending Pobeda Peak. Evg. Simonov. Ogonek 34 no. 41:22-23 O '56.

TIEN SHAN—PASTURES AND MEADOWS
Meadows of the northern Tien Shan. N. I. Rubtsov. Trudy Inst. bot. AN Kazakh. SSR 1:5-35 '55.

TIEN SHAN—SORREL
The Tien Shan sorrel, a tannin plant, and its introduction into cultivation. V. P. Mikhailova. Trudy Inst. bot. AN Kazakh. SSR 1:131-145 '55.

TIEN SHAN—SPRUCE
Tien Shan spruce forest. N. A. Gvozdetskii. Priroda 45 no. 10:99-100 O '56.

TIEN SHAN—SWAMPS
Vegetation of the Alpine swamps of northern Tien Shan. V. P. Goloskokov. Trudy Inst. bot. AN Kazakh. SSR 1:36-56 '55.

TIEN-SHAN PROVINCE—SOILS
Soils of Central Tien-Shan. A. M. Mamytov. Trudy Otd. pochv. AN Kir. SSR no. 5:17-36 '55.

TIFLIS—TOBACCO INDUSTRY
We are improving our production. G. I. Sladze. Tabak 17 no. 3:20-21 '56.

TIGERS
Achilles. Vl. Anikeev. Ogonek 34 no. 47:32 N '56.
Pursh travels. B. Riabinin. Smena 33 no. 18:23 S '56.
Terror of the Ussuri taiga. Sov. Soiuz no. 11:32 N '56.

TILAK, BAL GANDADHAR, 1856-1920
Centennial of the birth of Tilak, a patriot and democrat. Vest. AN SSSR 26 no. 9:121-122. S '56.

TILES
Ceramic MK tiles used for facing buildings in Kiev. N. A. Sakharova. Nov. v stroi. tekh. no. 8:80-90 '56.
Manufacturing ornamental glass tiles. M. A. TSaritsyn, I. G. Bazhbeuk-Melikova. Trudy VNIIStekla no. 36: 106-111 '56.

TILES—DRYING
Speeding up the natural drying of tiles. Stroi. mat., izdel. i konstr. 2 no. 9:33 S '56.

TILES, ROOFING
Valuable roofing material. G. Novikov. Sov. torg. no. 9:17-20 S '56.

TILLAGE
(see also subdivision under Crimea; Mordavian A.S.S.R.; Ural Mountain region)
Deepening of the plow layer of Chestnut soils. P. IA. Bilenko. Zemledelie 4 no. 10:43-45 O '56.
Distribution of the root system of plants as affected by tillage and fertilizers. L. V. Mosolova. Zemledelie 4 no. 10:46-48 O '56.
Effectiveness of Mal'tsev's tillage system on slopes. V. V. IArovenko, M. I. Suchalkina. Agrobiologiia no. 5: 95-101 S-O '56.
Fall cultivation of plowed fields. P. P. Korobov. Sel'khoz. Povol. no. 9:26-29 S '56.
How we cultivate weedy soils. S. M. Migalovskii. Kartofel' no. 4:42-43 S-O '56.

Moscolov, V.P. [Works; in five volumes] Sochineniia; v piati tomakh. Moskva, Gos. izd-vo selkhoz. lit-ry.
Vol. 5, [Papers and articles on cultivation practices and plant growing] Otdel'nye raboty i stat'i po agrotekhnike i rastenievodstvu. 1955. 767 p.

TILLAGE—BIBLIOGRAPHY see Bibliography—Tillage

TIMBERING OF MINES see Mine timbering

TIME, GEOLOGICAL see Geological time

TIME MEASUREMENTS
All-Union convention of time service employees. D. IU. Belotserkovskii. Izm. tekh. no. 4:85 Jl-Ag '56.

TIME STUDY
Establishing higher norms. M. Borisov. Sots. trud. no. 4:95-97 Ap '56.
Research on norms at the factory. E. Gorbunov. Sots. trud. no. 4:79-83 Ap '56.
Work of the VPTI for Road and Building Machinery in calculating time standards for machining parts. Kh. I. Gordon. Stroi. i dor. mashinostr. no. 9:22-24 S '56.

TIME-TABLES—RAILROADS see Railroads—Time-tables

TIMERS, AUTOMATIC see Automatic timers

TIN—METALLOGRAPHY
Factors affecting the transformation of white tin into gray tin. A. I. Bykhovskii. Zhur. tekh. fiz. 26 no. 8: 1799-1801 Ag '56.

TIN-ANTIMONY-LEAD ALLOYS see Lead-tin-antimony alloys

TIN CHLORIDES
Tin-chloride complexing with certain phenol derivatives. M. Usanovich, E. Pichugina. Zhur. ob. khim. 26 no. 9 2410-2415 S '56.
Viscosity and density of the system: stannic chloride - anisole. M. Usanovich, E. Pichugina. Zhur. ob. khim. 26 no. 9:2415-2417 S '56.

TIN-LEAD ALLOYS see Lead-tin alloys

TIN-MANGANESE-NICKEL ALLOYS see Nickel-manganese-tin alloys

TIN PLATE
Drying varnished tin plates with infrared rays in tunnel-type kilns. V. Z. Lukov. Ryb. khoz. 32 no. 9:34-35 S '56.

TISSUE CULTURE
Cultivation of certain human cerebral tumors in a chick embryo [with summary in English]. L. IA. IAblonovskaia. Vop. onk. 2 no. 4:432-439 '56.
Cultivation of chicken sarcoma in tissue explants [with summary in English]. G. P. Gandzii. Vop. onk. 2 no. 4: 439-443 '56.

TISSUE EXTRACTS
Our observations and evaluation of tissue therapy [with summary in English, p. 160]. N. D. Garin. Vest. khir. 77 no. 9:95-99 S '56.

TISSUES—TRANSPLANTATION
Creation of an artificial vagina by transplantation of fetal membranes. I. D. Arist. Akush. i gin. 32 no. 4: 68-69 Jl-Ag '56.
Creation of an artificial vagina by transplantation of fetal membranes. M. S. TSirul'nikov. Akush. i gin. 32 no. 4:69-71 Jl-Ag '56.

TITANIC ACIDS
Mechanism of the heterogeneous catalytic isomerization of hydrocarbons on acidic catalysts. Part 3. Mechanism of the racemization of camphene on titanic acid. G. A. Rudakov, M. M. Shestaeva. Zhur. ob. khim. 26 no. 9:2426-2433 S '56.

TITANIUM
Distribution of titanium in granites [with English summary in insert]. L. V. Dmitriev, E. B. Znamenskii. Geokhimiia no. 4:48-49 '56.

TITANIUM—ANALYSIS
Photocolorimetric determination of vanadium and titanium. E. F. Pen'kova, A. V. Gladkova, T. V. Novikova. Zav. lab. 22 no. 8:918 Ag '56.

TITANIUM—METALLOGRAPHY
Grain growth of commercial titanium during heating. L. N. Sokolov. Metalloved. i obr. met. no. 10:34-36 O '56.

TITANIUM—SPECTRA
Emission lines of the K-series of X-ray spectra of titanium in metals and in some dielectric materials. E. E. Vainshtein, I. B. Staryi, M. N. Bril'. Izv. AN SSSR. Ser. fiz. 20 no. 7:784-789 Jl '56.

TITANIUM-IRON ALLOYS see Iron-titanium alloys

TITANIUM ORES see subdivision under Donets Basin; North America

TITANIUM OXIDE—ELECTRIC PROPERTIES

Anomalous dispersion in titanium dioxide polycrystals. S. P. Faile (deceased), I. D. Fridberg, N. M. TSvetkov. Zhur. eksp. i teor. fiz. 29 no. 3(9):301 S '56.

TITRATION

Determining chlorine by the drop method. E. I. Nastasenko, S. B. Shapiro. Elek. sta. 27 no. 9:55-56 S '56.

Determining the alkalinity of steam by conductometric titration. M. G. Zaseeva. Teploenergetika 3 no. 10:23-25 O '56.

Study of the interaction of mercuric sodium tungstate and tungstic oxide hydrochloride in an aqueous solution by a method of electromotive forces. V. F. Degtyarev, E. P. Darienko. Zhur. neorg. khim. 1 no. 8:1753-1803 Ag '56.

Titration analysis of carbon dioxide of carbonates in sugar juice. D. F. Sachko, S. B. Kaden. Trudy Lab. sakharn. no. 5:63-69 '56.

Volumetric determination of aluminum. V. E. Zolotukhin. Uch. zap. L'viv. un. no. 3, pt. 2:31-32 '52.

TOBACCO
(see also subdivision under Armenia)

For continuous improvement of work indexes on state farms. Tabak 17 no. 3:5-8 '56.

For successful harvesting and procurement of tobacco and makhorka. Tabak 17 no. 3:1-4 '56.

From unpublished articles. Tabak 17 no. 3:57 '56.

Effect of magnesium on the yield and quality of tobacco. N. P. Ivanovskii. Ud. i ur. 1 no. 9:34-38 S '56.

Raising production indexes. V. IA. Avramenko. Tabak 17 no. 3:12-13 '56.

"Trudy" of the Krasnodar Food Industry Institute. Reviewed by G. L. Bikker. Tabak 17 no. 3:56 '56.

TOBACCO—DISEASES AND PESTS

Effect of hydrogen cyanide on raw tobacco. T. M. Marvenko. Tabak 17 no. 3:30 '56.

TOBACCO—EXHIBITIONS

At the All-Union Agricultural Exhibition. I. S. Gorshelev. Tabak 17 no. 3:9-11 '56.

TOBACCO—VARIETIES
(see also subdivision under Crimea)

Effect of spacing on physiological and biochemical characteristics of the Sharp Leaf 2747 tobacco variety. A. G. Petrenko, A. N. Korshina. Tabak 17 no. 3:15-17 '56.

TOBACCO BREEDING

Vegetative hybridization of tomato and tobacco. Ruzhitsa Glavinich. Priroda 45 no. 11:98-100 N '56.

TOBACCO CURING

Results achieved at the Gudauta Tobacco Fermenting Plant by the tunga tobacco curing method. S. G. Pipiaev. Tabak 17 no. 3:28-29 '56.

TOBACCO INDUSTRY
(see also subdivision under Bulgaria; Gudauta; Krasnodar Tiflis)

Information. Tabak 17 no. 3:54-55 '56.

Recent developments in the tobacco industry abroad. Tabak 17 no. 3:57-63 '56.

TOBACCO INDUSTRY—ACCOUNTING

"Standard lot" method of machine accounting for products shipped and paid for. A. Ovsiannikov. Bukhg. uchet 15 no. 10:49-51 O '56.

TOBACCO INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Leningrad)

"Adjusting and operating Chernenko packaging machines." V. I. Zagashev. Reviewed by V. S. Etkin. Tabak 17 no. 3:56 '56.

All-Union Industrial Exhibition. S. G. Isaev. Tabak 17 no. 3:31-34 '56.

Carriage for lifting rolls of paper on automatic printing and cutting machines. V. P. Borodianskii. Tabak 17 no. 3:53-54 '56.

Corrosion protection of metal equipment and reinforced concrete structures in tobacco fermenting plants. L. S. Gal'ekhaer. Tabak 17 no. 3:22-23 '56.

Mechanization of subsidiary and auxiliary operations in the tobacco industry. A. I. Pirverdian. Tabak 17 no. 3:34-36 '56.

New 311-2 tobacco cutting machine. V. G. Bogdanov, N. T. Blesarenko. Tabak 17 no. 3:45-48 '56.

TOJO, CDA, 1420-1506

Magic brush. Daisen'iti Ivakami. Smena 33 no. 20:17-19 O '56.

TOKTOGUL SATYLGANOV, 1864-1933

Toktogul's connection with the Andizhan uprising. A. Chabdukaev. Kirgizstan 17 no. 1:56-64 Ja-F '56.

TOLERANCE (ENGINEERING)

Aparin, G.A., and I.E.Gorodetskii. [Tolerance and technical measuring] Dopuski i tekhnicheskie izmereniia. Izd. 4-oe, ispr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 734 p.

Tukhvatullin, G.A. [A collection of problems in tolerances, clearances, and calibrations] Sbornik zadach po dopuskam, posadkam i kalibram. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 95 p.
[MICROFILM]

TOLSTOI, IVAN IVANOVICH, 1880-1954

A list of published works of I. I. Tolstoi, doctor of philology, professor, and academician. IU. P. Suzdal'skii, B. I. Nadel'. Uch. zap. Ped. inst. Gerts. 121:237-246 '55.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Two solutions of one theme. B. Meilakh. Neva no. 9: 184-188 S '56.

Writer and illustrator. Z. Shepeleva. Neva no. 9:166-169 S '56.

TOLUIDINE CRYSTALS

Study of the rate of growth of elementary layers of p-toluidine crystals. G. G. Lemmlein, E. D. Dukova. Kristallografiia 1 no. 1:112-118 '56.

TOMATO BREEDING
(see also subdivision under Stalingrad Province)

Breeding tomatoes for increased dry matter content. S. I. Vishnevskii. Trudy VNIIKOP no. 5:120-135 '55.

"Interzonal system" in tomato breeding. S. A. Arkhangel'skii and others. Trudy VNIIKOP no. 5:103-112 '55.

Selecting tomato varieties for hybrid seed production. E. A. Ivanova. Trudy VNIIKOP no. 5:149-151 '55.

Vegetative hybridization as a method of developing new tomato varieties. R. Glavinich. Sel. i sem. 31 no. 4: 27-35 '56.

Vegetative hybridization of tomato and tobacco. Ruzhitsa Glavinich. Priroda 45 no. 11:98-100 N '56.

TOMATOES
(see also subdivision under Komi A.S.S.R.; Moldavia)

Effect of fertilizers on the development of characteristics in wheat and tomato hybrids. S. O. Grebinskii. Dop. ta pov. L'viv. un. no. 3, pt. 2:18-19 '52.

Effect of various methods of sexual reproduction on the mechanical and chemical composition of tomatoes. G. S. Demurian, B. A. Kostanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 9:71-83 S '56.

Evaluating properties of seeds of various tomato varieties intended for cultivation of tomatoes not involving transplantation. S. I. Khlopina. Trudy VNIIKOP no. 5:152-157 '55.

Method for feeding tomatoes under irrigation. E. D. Novikova. Ref. nauch. rab. VNIIKOP no. 3:79-82 '55.

Tomato culture without transplanting. K. D. Sukortseva. Ref. nauch. rab. VNIIKOP no. 3:82-88 '55.

Variation in the dry matter content of tomatoes. I. N. Bozhenko. Trudy VNIIKOP no. 5:136-148 '55.

TOMATOES—DISEASES AND PESTS

Factors limiting the spreading of "stolbur" (virus disease) of tomatoes. B. G. Krivin. Ref. nauch. rab. VNIIKOP no. 3:88-92 '55.

TOMATOES—VARIETIES

Chemical and technological testing of tomato varieties. I. I. Varentsov. Trudy VNIIKOP no. 5:56-63 '55.

Effect of growing conditions on changes in the characteristics of tomato varieties. O. V. IAkushkina. Trudy VNIIKOP no. 5:113-128 '55.

Regionally adapted tomato varieties in supply zones of the canning industry. O. V. IAkushkina, S. I. Khlopina. Trudy VNIIKOP no. 5:64-80 '55.

Results of tomato variety tests in supply zones of the canning industry. S. I. Vishnevskii. Trudy VNIIKOP no. 5:5-54 '55.

TOMBS see subdivision under Kara-Bulak (Osh Province)

TOMSA, VLADIMIR BOHUMIL, 1831-1895

V. B. Tomsa, professor of physiology of Kiev University. IE. I. Slyvko. Fiziol. zhur. [Ukr.] 1 no. 4:136-138 Jl-Ag '55.

TOMSK—ACCLIMATIZATION (PLANTS)

New varieties of trees and shrubs in the Siberian Botanical Garden. A. G. Goncharov. Biul. Glav. bot. sada no. 24:11-14 '56.

TOMSK—CONCERTS

Tomsk. Sov. muz. 20 no. 9:118 S '56.

TOMSK PROVINCE—GRAIN

Unused potentialities for increasing the production of grain on collective farms of Tomsk Province. N. P. Okrugin, L. A. Berdichenko. Zemledelie 4 no. 10: 81-85 O '56.

TONSILS—CANCER

Metastasis of cancer of the mammary gland to a tonsil. G. S. Livshits. Vest. oto-rin. 18 no. 5:117 S-O '56.

TONSILS—DISEASES

Creation of a model in experimental tonsillitis. I. A. Lopotko, O. IU. Lakotkina. Vest. oto-rin. 18 no. 5: 10-17 S-O '56.

Effect of a cervical vagosympathetic block on the cytological composition of the lacunae of the tonsils in tonsillitis. I. G. Karpova. Vest. oto-rin. 18 no. 5: 127 S-O '56.

Some experimental data on the pathogenesis of tonsillitis. A. A. Antimonov and others. Vest. oto-rin. 18 no. 5:17-22 S-O '56.

TONSILS—SURGERY

Subcutaneous emphysema of the neck as a complication following tonsillectomy. N. V. Nechaeva. Vest. oto-rin. 18 no. 5:127-128 S-O '56.

TOOL STEEL

Braun, M.P., G.I.Kurukhin, and M.T.Durdin. [Manufacture of high-speed steel] Modifitsirovannaia bystrorezhushchaia stal'. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 130 p.

"Tool steels" [by A. A. Geller. Reviewed by] A. I. Rastorguev, M. L. Bernshtein. Metalloved. i obr. met. no. 8:47-48 S '56.

TOOL STEEL—HEAT TREATMENT

Cope, S.G. [Heat treatment of high speed steel. Translated from the English] Termicheskaia obrabotka bystrorezhushchei stali. Perevod s angliiskogo K.A.Malinina. Pod red. A.P.Gulyaeva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 110 p.

TOOLS—STANDARDS

The All-Union State Standards for building tools; scabbling pick, plumb bob, and glass hammer. Biul. stroit. tekh. 13 no. 9:23-24 S '56.

The All-Union State Standards for building tools; shovel, ladle and bucket shovel. Biul. stroit. tekh. 13 no. 8: 21-22 S '56.

The All-Union State Standards for building tools; trowels, planes, cutting trowels, and rabblers. Biul. stroit. tekh. 13 no. 9:24-26 S '56.

TOOTSI, ESTONIA—PEAT INDUSTRY

Gold of Tootsi. N. Kharabreva. Ogonek 34 no. 43:5-6 O '56.

TOPOGRAPHICAL SURVEYING

Errors in computing capacities of reservoirs on the basis of topographic maps. M. P. Zaslavskii. Geod. i kart. no. 7:44-49 S '56.

Stereotopographic work in field parties. V. I. Kolesnikov, L. A. Kashin. Geod. i kart. no. 8:50-54 Ag '56.

TOPOLOGY

Mechanism of uniform approximations in a family of continuous mappings of compacta. A. I. Vitushkin. Dokl. AN SSSR 11 no. 4:149-154 Jl-Ag '56.

Topological methods in the theory of functions of several variables and their application to diverse problems. F. D. Gakhov, IU. M. Krikunov. Izv. AN SSSR. Ser. mat. 20 no. 2:307-340 Mr-Ap '56.

TORSION

Nonuniform torsion of an elastic parallelepiped. V. P. Netrebko. Vest. Mosk. un. 11 no. 6:11-25 '56.

Relationship between cycle frequencies, deformation amplitudes and the maximum plasticity of metals and some alloys subjected to alternating torsion. F. F. Ryshkin, G. V. Miroliubov, N. N. Stukin. Fiz. met. i metalloved. 3 no. 2:341-348 '56.

TOURISM see subdivision under Ryazan

TOURMALINE see subdivision under Sakuagan' Valley

TOWBOATS see subdivision "Tugboats" under Dnieper River

TOWERS, PLATE see Plate towers

TOWNS see Cities and towns

TOXINS AND ANTITOXINS

Role of neuro-reflex mechanisms in the pathogenesis of a diagnose induced by the introduction of botulin toxin into the carotid sinus. M. M. Gromakovskaia. Biul. eksp. biol. i med. 42 no. 8:27-30 Ag '56.

TOXOPLASMOSIS

Toxoplasmosis. A. F. Kukhto. Veterinariia 33 no. 11: 89-90 N '56.

Toxoplasmosis in domestic animals and poultry. V. A. Saltanov. Veterinariia 33 no. 11:28-32 N '56.

TRACE ELEMENTS

Applying trace elements to flax. L. I. Petrova. Len i konop. no. 6:22-23 Ag '56.

At the International Congress on Trace Elements in Belgrade. IA. V. Peive. Vest. AN SSSR 26 no. 9:63-65 S '56.

Effect of trace elements on the development and yield of cotton in Safarliyev and Shamkhor Districts of the Azerbaijan S. S. R. M. G. Abutalybov, A. Kh. Tagiyeva, I. Bunfatov. Uch. zap. AGU no. 9:51-65 '55.

Peive, IA. V. [Trace elements in the service of agriculture] Mikroelementy - na sluzhbu sel'skomu khoziaistvu. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 30)

TRACHEA—CANCER
Adenocarcinoma of the trachea. A. I. TSyganov. Vest. oto-rin. 18 no. 5:140- S-O '56.

TRACHEA—DISEASES
Primary scleroma of the trachea. S. V. Sverchkov. Vest. oto-rin. 18 no. 5:139 S-O '56.
Rare observations of tracheal stenosis. M. G. Panasiuchenko. Vest. oto-rin. 18 no. 5:142-143 S-O '56.

TRACHEA—SURGERY
Bilateral pneumothorax following tracheotomy. O. P. Lebedeva. Vest. oto-rin. 18 no. 5:141-142 S-O '56.

TRACHEA—TUMORS
Morphology of some forms of tracheal adenoma. N. N. Vasil'eva. Vest. oto-rin. 18 no. 5:61-63 S-O '56.

TRACHOMA see Conjunctivitis, Granular

TRACK ATHLETICS
(see also subdivision under Hungary; India; Moscow; United States)
Candidates for Olympic medals; Janusz Sidlo, Zenta Gasil, Karel Merta, Perry O'Brien, Charles Dumas, Jim Lee. Leg. atl. no. 10:30-32 O '56.
Chances of European athletes in Melbourne, Gaston Meyer. Fizk. i sport 26 no. 10:14-15 '56.
Change the competition system for rural youth. I. Krasnov. Leg. atl. no. 9:18 S '56.
Characteristics of the physical stress of different elements of lessons in track athletics. N. P. Eremenko. Teor. i prak. fiz. kul't. 19 no. 9:661-663 '56.
Competition among teams of schools of higher learning. E. Makhova, R. Prager. Leg. atl. no. 10:20-23 O '56.
Conducting a winter outdoor-training program in track and field athletics at a school for young athletes. R. S. Demeter. Izv. Akad. ped. nauk RSFSR no. 83:155-179 '56.
On the eve of the Sixteenth Olympic Games. Leg. atl. no. 10:25-30 O '56.
Planning sports training. N Ozolin. Leg. atl. no. 10: 9-10 O '56.
Results of the Spartakiada. I. Sergeev. Leg. atl. no. 10: 2-5 O '56.
Spartakiada of the peoples of the Soviet Union. B. Kosvintsev. Leg. atl. no. 9:2-8 S '56.
[Track and field athletics in the U.S.S.R.] Legkaia atletika v SSSR. [Moskva, Fizkul'tura i sport, 1956] 1 v. (unpaged)
Under the badge of friendship. A. Salutskii. Leg. atl. no. 10:24-25 O '56.

TRACK ATHLETICS—CONGRESSES
Conference in Warsaw on sports for youth. V. Borilkevich. Leg. atl. no. 9:28-29 S '56.

TRACKLESS TROLLEYS see Trolley buses

TRACTOR INDUSTRY
(see also subdivision under Cholyabinsk; Hungary; Kharkov; Minsk; Stalingrad)
Individual workers' plans to increase labor productivity. E. Sorokin. Sov. profsoiuzy 4 no. 10:76-77 O '56.

TRACTOR STATIONS see Machine-tractor stations

TRACTORS
(see also subdivision under Kharkov; Ural Mountain region)
Comparative cost analysis of the DT-54 tractor. V. S. Bazanova. Avt. i trakt. prom. no. 9:6-7 S '56.
DT-57 tractor (text for cover drawing). Tekhsov. MTS 17 no. 17:16 S '56.
Economic efficiency of intensive use of tractors and combines on state farms. M. Runchev. Vop. ekon. no. 10:49-55 O '56.
The GS-1, 5 all-purpose hillside tractor chassis. N. I. Sviderskii. Avt. i trakt. prom. no. 9:45 S '56.
Gurevich, A. M., and P. S. Ivashchenko. [Manual for the "Stalinets-80" tractor operator] Pamiatka traktorista po traktoru "Stalinets-80". [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1955. 303 p. (DA)
Instrument that measures work. I. Korobochkin. Neva no. 9:205 S '56.
New developments in the design of row-crop tractors for cotton growing. A. Ninov. Khlopkovodstvo 6 no. 9:45-51 S '56.
[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no. 11 N '56.
Special problems in operating S-80 tractors at logging camps. V. A. Bytsko. Les. prom. 34 no. 10:15-17 O '56.
Story of the electric tractor. Sergei Borzenko. Nash. sovr. 3:249-253 '56.
Water-and-oil heater. N. Davydov. Prof.-tekh. obr. 13 no. 10:11-12 O '56.
Wear of lugs and its effect on the traction of wheeled tractors. G. R. Ardashev. Trudy VIM 23:3-41 '56.

TRACTORS—ENGINES
[Aids for rural machinery operators; a collection of articles] V pomoshch' sel'skim mekhanizatoram; sbornik statei. Rostov-na-Donu, Rostovskoe kn-vo, 1955. 112 p. (DA)
Attachement for running-in "Belarus'" tractor engines. A. Liubchenko. Tekhsov. MTS 17 no. 18:15-16 S '56.
Fuel feed corrector for internal combusion tractor engines. V. S. Likhachev. Avt. i trakt. prom. no. 9: 17-19 S '56.
Investigation of indirect tractor engine regulators. I. I. Krynets'kyi. Avtomatyka no. 3:47-57 '56.

TRACTORS—ENGINES—OIL FILTERS
Investigation of the slotted oil filter for the Kh'TZ-7 tractor. I. V. Noviteskii. Avt. i trakt. prom. no. 9:19-24 S '56.

TRACTORS—FUEL CONSUMPTION
Comments on two problems in Academician B. S. Svirshchevskii's book "Operating machines and tractors." V. P. Popov. Sel'khozmashina no. 9:32 S '56.

TRACTORS—REPAIRING
Komarov, A. N., and G. I. Kostrovskii. [Repair of "Stalinets-80" tractor] Remont traktora "Stalineta-80." Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 383 p.
[Series on repairing tractors, agricultural machinery, and trucks.] Remont traktorov, sel'khozmashin i avtomobilei no. 11 N '56.

TRADE see Commerce

TRADE UNIONS
(see also subdivision under Africa—French Colonies; Argentina; Brazil; Czechoslovakia; France, Hungary; India; Ireland; Japan; Latin America; Near East; Novaya Kakhovka; Paraguay; Tunisia)
The decisions of the fifth plenum of the All-Union Central Council of Trade Unions are being carried out. P. Vashchenko. Sov. profsoiuzy 4 no. 10:38-41 O '56.
Follow-up of our journal's articles. Sov. profsoiuzy 4 no. 10:95 O '56.
For cooperation with all trade unions. H. Jourdain. Vsem. prof. dvizh. no. 9:22 S '56.
For the development of contacts and cooperation among all trade-union organizations. Vsem. prof. dvizh. no. 10:1-3 O '56.
How to prepare for and conduct a trade-union meeting for reports and elections. Sov. profsoiuzy 4 no. 10: 62-67 O '56.
Individual workers' plans to increase labor productivity. E. Sorokin. Sov. profsoiuzy 4 no. 10:76-77 O '56.
An instructive lesson. T. Timoshina. Sov. profsoiuzy 4 no. 10:73-75 O '56.
A new approach is required. Roland W. Casasola. Vsem. prof. dvizh. no. 9:5-6 S '56.
"No place for selfishness and suspicion." Kosti Ranta. Vsem. prof. dvizh. no. 10:26 O '56.
On the eve of reports and elections. G. Solnikov. Sov. profsoiuzy 4 no. 10:43-49 O '56.
Second plenum of the Central Committee of Trade Unions of Petroleum Industry Workers. Neftianik 1 no. 9: 36 S '56.
Soviet trade unions are the champions and defenders of the workers' interests. V. Grishin. Vsem. prof. dvizh. no. 10:38-42 O '56.
Thirty-ninth anniversary of the Great October. Sov. profsoiuzy 4 no. 10:1-6 O '56.
Thus friendship was born. I. Vakhrusheva. Sov. profsoiuzy 4 no. 10:70-72 O '56.
A trade-union key group arms itself with a knowledge of economics. A. Lisovin. Sov. profsoiuzy 4 no. 10: 49-54 O '56.
A trade unionist's notebook. Vsem. prof. dvizh. no. 9: 46-48 S '56.
A trade unionist's notebook. Vsem. prof. dvizh. no. 10: 51-52 O '56.
Trade unions of civil servants on the road to unity. Leon Clair. Vsem. prof. dvizh. no. 10:32-36 O '56.
Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov. [Collection of regulations on commissions of the factory and local committee] Sbornik polozhenii o komissiiakh FZMK. [Moskva] Profizdat, 1956. 47 p. (DS)
A year has passed. S. Lesin. Sov. profsoiuzy 4 no. 10: 68-70 O '56.

TRADE UNIONS—CONGRESSES see subdivision under Great Britain

TRAINING, MANUAL see Manual training

TRAINING, PHYSICAL see Physical education and training

TRAINING OF CHILDREN see Children—Management

TRAINING OF EMPLOYEES see Employees, Training of

TRAINING SCHOOLS FOR NURSES see Nurses and nursing—Study and teaching

TRAMWAYS see Street railways

TRANS-ILI ALA-TAU—GLACIERS
Maiya Almatinka glaciers of the Trans-Ili Ala-Tau. N. N. Pal'gov. Vop. geog. Kazakh. no. 1:93-124 '56.

TRANSBAIKALIA—BOTANY
[Flora of Transbaikalia] Flora Zabaikal'ia. Moskva, Izd-vo Akademii nauk SSSR.
No. 6. [Angiospernae-Dicotyledons (Leguminosae)] Pokrytosemennye-Dvudol'nye (Bobovye) 1954. 117 p.

TRANSBAIKALIA—GEOLOGY, STRUCTURAL
More on the historical study of the geological structure of eastern Transbaikalia. A. D. Shcheglov. Inform. sbor. VSEGEI no. 2:83-85 '55.
Some basic problems of the geological structure of eastern Transbaikalia. V. N. Kozerenko. Izv. AN SSSR. Ser. geol. 21 no. 8:107-112 Ag '56.

TRANSBAIKALIA—PORPHYRY
Some problems on the origin of porphyries in eastern Transbaikalia. M. B. Borodaevskaia, A. I. Shmidt. Zap. Vses. min. ob-va 85 no. 3:356-372 '56.

TRANSCARPATHIA—BEANS—VARIETIES
Local varieties of beans (Phaseolus L.) in Transcarpathia. T. N. Shevchuk. Dokl. Akad. sel'khoz. 21 no. 10:14-18 '56.

TRANSCARPATHIA—BOTANY
"Supplements to the flora of the Transcarpathian Province of the Ukrainian S. S. R. Botanical materials of the Herbarium of the V. L. Komarov Botanical Institute of the Academy of Sciences of the U. S. S. R.", vol. 17, 1955. K. N. Igoshina. Reviewed by D. M. Dobrochaleva. Ukr. bot. zhur. 13 no. 3:104-105 '56.

TRANSCARPATHIA—MEADOW SAFFRON
Meadow saffron (Colchicum autumnale L.) in the Ukrainian S. S. R. S. S. Kharkevych. Ukr. bot. zhur. 13 no. 3:64-67 '56.

TRANSCARPATHIA—MOTION-PICTURE PROJECTION
In the mountains of Transcarpathia. E. Taranets. Kinomekhanik no. 10:7-8 O '56.

TRANSCAUCASIA—CHEMISTRY—CONGRESSES
Second unified scientific session of institutes of chemistry of Transcaucasian academies of sciences. Izv. AN SSSR. Otd. khim. nauk no. 9:1155 S '56.

TRANSCAUCASIA—LUMBERING
Ssorin, V. A., and R. A. Elkhel'borger. [Cuttings in fir forests of Transcaucasia; experience in organization and planning] Rubki v pikhtovykh lesakh Zakavkaz'ia; opyt obosnovaniia i proektirovaniia. Moskva, Goslesbumizdat, 1956. 79 p.

TRANSCAUCASIA—METEOROLOGY IN AERONAUTICS
Special problems in flying over the Caucasian Range. V. TSygankov. Grazhd. av. 13 no. 9:10 S '56.

TRANSCAUCASIA—WHEAT—VARIETIES
New Transcaucasian winter wheat varieties. O. I. Ukhanova. Sel. i sem. 21 no. 4:56-57 '56.

TRANSDUCTORS see Magnetic amplifiers

TRANSFORMERS, ELECTRIC see Electric transformers

TRANSIENTS (ELECTRICITY)
Approximate numerical methods for calculating transient processes in linear and nonlinear systems (recurrent formula method). S. S. Khukhrikov. Trudy MAI no. 66:25-34 '56.
"Methods for solving problems concerning transient processes in electric circuits." S. G. Ginzburg. Reviewed by G. I. Atabekov. Elektrichestvo no. 10:95-96 O '56.
Recording instrument for transient processes. V. S. Skital'tsev, IU. M. El'kind. Elektrichestvo no. 10:61-65 O '56.
Teumin, I. I. [Experimental analysis of transient processes in linear electric circuits] Eksperimental'nyi analiz perekhodnykh protsessov v lineinykh elektricheskikh tsepiakh. Moskva, Izd-vo "Sovetskoe radio," 1956. 534 p.
Transient processes in drives with mechanical differentials. V. S. Gudkov. Elektrichestvo no. 10:48-53 O '56.

TRANSISTOR AMPLIFIERS
Cascade design for power amplifiers based on transistors. G. S. TSykin. Elektrosviaz' 10 no. 9:25-45 S '56.
Designing low-frequency amplifiers based on transistors. V. V. Kobzev, D. I. Smetanina. Elektrosviaz' 10 no. 9:13-25 S '56.
Multicascade resonance amplifier using germanium transistor triodes. IU. D. Lindenbraten. Elektrosviaz' 10 no. 9:54-67 S '56.
Similarity of methods for calculating transistor and electron-tube amplifiers at low signal voltages. V. F. Rakhmanov. Trudy MAI no. 66:81-94 '56.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTORS
(see also subdivision under United States)
Equivalent circuits and parameters for junction transistors. I. N. Migulin. Elektrosviaz' 10 no. 9: 46-53 S '56.

TRANSISTORS—BIBLIOGRAPHY see Bibliography—Transistors

TRANSLATING AND INTERPRETING

Circuit for simultaneous translation installations carrying speech translations in several languages. I. A. Shamshin. Vest. sviazi 16 no. 9:9-11 S '56.

Problems in literary translation. M. Armen. Druzh. nar. no. 10:152-158 O '56.

TRANSMISSION OF HEAT see Heat—Transmission

TRANSPORTATION

Combined railroad and air transportation. I. Lysov. Grazhd. av. 13 no. 9:3 S '56.

"Transportation and the distribution of industry." E. D. Khanukov. Reviewed by A. I. Vedishchev. Izv. AN SSSR. Ser. geog. no. 3:143-145 My-Je '56.

TRANSPORTATION—ACCOUNTING

Simplifying accounting for transportation expenditures reimbursed by the purchaser. M. Mashkovskii. Bukhg. uchet 15 no. 9:22-24 S '56.

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Moscow; Nalchik)

Automobile on the road. K. I. Makarov. Nash. sovr. 3:253-255 '56.

Coordinating the work of railroad and truck transport and mechanical handling in transporting crated freight. S. M. Dzhumabaev. Trudy TASHIIT no. 6:82-94 '56.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

Account plan in automotive transportation and instructions for its use. I. Tokarev. Bukhg. uchet 15 no. 9: 47-50 S '56.

Method of calculating the results of the financial activity of automotive transport enterprises. V. Khaskin. Avt. transp. 34 no. 9:7-8 S '56.

TRANSPORTATION, AUTOMOTIVE—CONGRESSES see subdivision under Kharkov

TRAUMATISM

Polenov, A. L. [Selected works] Izbrannye trudy. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 305 p.

TRAVELS see Voyages and travels

TRAVERSES (SURVEYING)

Analyzing the accuracy of results of a separate balancing of a prolonged traverse survey. Z. P. Tamutis. Geod. i kart. no. 7:27-31 S '56.

Lateral refraction in connection with angle measurements at traversing stations in cities. A. S. Ziuzin. Geod. i kart. no. 6:18-26 Ag '56.

TRAWLS AND TRAWLING
(see also subdivision under Barents Sea)

Some remarks on S. V. Mikhailov's article. A. M. Arestov, V. I. Makarov. Ryb. khoz. 32 no. 9:55-56 S '56.

Trawling off the southwestern coast of Kamchatka. I. A. Polutov and others. Ryb. khoz. 32 no. 10:13-21 O '56.

TREACLE MUSTARD see subdivision under Azerbaijan

TREE TAPPING

Advanced technical methods. A. Mukhutdinov. Gidroliz. i lesokhim. prom. 9 no. 5:23 '56.

Results of tests for an effective method of prolonged tree tapping. I. V. Vysotskii. Gidroliz. i lesokhim. prom. 9 no. 5:12-16 '56.

Tolkachev, A. K., and M. A. Sinelobov. [Innovations in [illegible] of pine and spruce] Novoe v podsochke [illegible]kva, Goslesbumizdat, 1956. 61 p.

[illegible] to obtain oleaster gum. I. K. Tros'ko, [illegible]droliz. i lesokhim. prom. 9 no. 4:26-

TRICHOMONIASIS

Treatment of trichomoniasis of female genitalia with liquid tar soap and hypertonic sodium chloride solutions. E. L. Rybalka. Akush. i gin. 32 no. 4:72-74 Jl-Ag '56.

TRIGEMINA NERVE

Some data on the proportion of trigeminal nerve cells to capillaries of the trigeminal nuclei during postnatal development. E. G. Balashova. Biul. eksp. biol. i med. 42 no. 8:66-70 Ag '56.

TRIGONOMETRICAL FUNCTIONS

Derivation of practical formulas for electron densities and structure amplitudes from symmetry and antisymmetry properties of trigonometric functions. M. A. Porai-Koshits. Kristallografiia 1 no. 1:27-48 '56.

TRILOBITES see subdivision under Siberian Platform

TRIONAL

Effect of trional on the higher nervous activity in dogs. V. V. Naumova. Fiziol. zhur. [Ukr.] 1 no. 4:20-27 Jl-Ag '55.

TRIPHENYLAMINE—SPECTRA

Ultraviolet and visible absorption spectra of triphenylamine and of its p-nitro derivatives in concentrated sulfuric acid. Part 2. P. M. Bugai. Zhur. ob. khim. 26 no. 9:2648-2651 S '56.

TRIPOLI (MINERAL)

Efficient structural ceramics made of tripoli earth. K. V. Dazhuk, O. V. Cherepova. Nov. v strol. tekh. no. 6:4-44 '55.

TRITICUM-AGROPYRON HYBRIDS

Heredity in triticum-agropyron hybrid no. 1. V. E. Pisarev. Biul. Glav. bot. sada no. 24:70-71 '56.

TROEPOL'SKII, GAVRILL NIKOLAEVICH

Creative seeking ("At Krutoy yar." G. Troepol'skii. Reviewed by V. Pankov). Oktiabr' 33 no. 10:172-175 O '56.

TROITSKII, ALEKSEI ALEKSEEVICH, 1866-1942

Russian chess composer. V. Liublinskii. Smena 33 no. 17:24 S '56.

TROLLEY BUSES

The gyrobus. Z. Z. Belarus' 13 no. 10:31 O '56.

TRONDHJEMITES see subdivision under Kola Peninsula

TROPICAL FRUIT

Possibilities of developing subtropical fruitgrowing in Leninabad Province. N. V. Smol'skii. Trudy AN Tadzh. SSR 36:109-118 '55.

TROPININ, VASILII ANDREEVICH, 1776-1857

Prilezhaeva-Barskaia, B.M. [The serf artist; a tale of the life of the artist V.A.Tropinin] Krepostnoi khudozhnik; povest' o zhizni khudozhnika V.A.Tropinina. Leningrad, Gos. izd-vo detskoi lit-ry, 1956, 141 p. (Shkol'naia biblioteka)

TROUT
(see also subdivision under Agul River)

Effect of predaceous fishes on the amount of young of the salmon family. R. S. Semko. Trudy probl. i tem. sov. no. 6:150 '56.

TRUBLAINI, MYKOLA, 1907-1941

A friend of the young people; on the 15th anniversary of Mykola Trublaini's death. Paola Utevskaia. Sov. Ukr. 6 no. 10:170-173 O '56.

TRUCKS, AUTOMOBILE see Motortrucks

Basic trends in the works of V. A. Ravich-Shcherbo. Iu. A. Ostroumova. Probl. tub. 34 no. 3:3-8 My-Je '56.

"Climatological therapy for pulmonary tuberculosis on the southern shore of the Crimea." A. V. Ovsiannikov. Reviewed by S. V. Massino. Probl. tub. 34 no. 3:72-74 My-Je '56.

Clinical evaluation of Rehberg's creatinine test in pulmonary tuberculosis. B. M. Kovaliv. Sov. med. 20 no. 9: 80-84 S '56.

Course and forms of tuberculosis in young children after revaccination. G. G. Pletneva. Probl. tub. 34 no. 4: 19-23 Jl-Ag '56.

Development of cavitations from caseoma in pulmonary tuberculosis. V. P. Shadrin. Sov. med. 20 no. 9:63-65 S '56.

Differential diagnosis of "caseoma" and of peripheral cancer of the lung. L. K. Bogush, V. P. Shadrin. Khirurgiia. 32 no. 7:24-30 Jl '56.

Ellinson, F. L. [Regimen and diet for tuberculosis patients] Rezhim i pitanie bol'nykh tuberkulezom. Moskva, Medgiz, 1956. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DAFM)

Experience in treating pulmonary tuberculosis with extrapleural pneumothorax. P. P. Logvinenko, Z. M. Mdivani. Probl. tub. 34 no. 3:42-44 My-Je '56.

Further prospects in the development of surgery in pulmonary tuberculosis. L. K. Bogush. Sov. med. 20 no. 9:56-62 S '56.

Immediate results of cavernectomy in pulmonary tuberculosis. A. A. Shalimov. Probl. tub. 34 no. 3:30-33 My-Je '56.

Infection with drug-resistant Mycobacteria tuberculosis. K-Ali Baltabaev. Probl. tub. 34 no. 4:60-62 Jl-Ag '56.

Lazarevich, A. I. [Pregnancy with tuberculosis] Beremennost' pri tuberkuleze. Moskva, Medgiz, 1956. 94 p.
(DAFM)

Methods of thoracoplasty for collapsing lower lobe cavitations. A. M. Dykhno. Probl. tub. 34 no. 3:49-51 My-Je '56.

Plenum of the Administration of the All-Union Scientific Medical Society of Phthisiologists. Z. V. Marcinova. Probl. tub. 34 no. 4:79-80 Jl-Ag '56.

Resistance to drugs in tuberculosis. R. O. Drabkina. Probl. tub. 34 no. 4:53-59 Jl-Ag '56.

Results of pulmonary resection in tuberculosis. Z. I. Kiseleva. Probl. tub. 34 no. 3:27-30 My-Je '56.

Scientific session of the Institute of Tuberculosis of the Academy of Medical Sciences of the U. S. S. R. K. IA. Keloberda, A. A. Savon. Probl. tub. 34 no. 3:75-76 My-Je '56.

Segmental and partial economic resections of the lung in tuberculosis. I. S. Kotsanikov. Probl. tub. 34 no. 3: 9-16 My-Je '56.

Segmental resection of the lung in tuberculosis. L. K. Bogush. Probl. tub. 34 no. 3:16-22 My-Je '56.

Some considerations on M. B. T'Suker's article "On diseases of the central nervous system of tubercular etiology." L. A. Vinnik. Klin. med. 34 no. 9:88-90 S '56.

Surgical treatment in late development of tuberculosis following lung resection. N. M. Amosov. Probl. tub. 34 no. 3:22-27 My-Je '56.

Thoracoplasty in the treatment of pulmonary tuberculosis and postoperative complications. K. M. Buzin. Probl. tub. 34 no. 3:47-49 My-Je '56.

Treatment of early forms of tuberculosis. B. M. Khmel'nitskii and others. Probl. tub. 34 no. 4:23-28 Jl-Ag '56.

Treatment of pulmonary tuberculosis with extrapleural pneumothorax in children and adolescents. F. M. Ganago, M. L. Shulutko. Probl. tub. 34 no. 3:37-42 My-Je '56.

TUBERCULOSIS—DIAGNOSIS

Diagnostic value of tomography of the mediastinum and the lung root in tuberculosis in adults. Iu. L. Gamperis. Probl. tub. 34 no. 4:37-40 Jl-Ag '56.

TUBERCULOSIS—PREVENTION

Measures for the control of tuberculosis in the U.S.S.R. I. Lazarevich. Vest. Inst. po izuch. SSSR no. 3:94-100 Jl-S '56.

"Prevention of tuberculosis and the organization of tuberculosis control" Collection of abstracts. Reviewed by S. V. Massino. Probl. tub. 34 no. 4:76-78 Jl-Ag '56.

TUBERCULOSIS IN ANIMALS—DIAGNOSIS

Compound tuberculin testing of cattle. A. I. Protasov. Veterinariia 33 no. 11:32-34 N '56.

TUBES

Efficient method for removing tubes from heat exchangers. ("Sugar Industry no. 7 1955). Gidroliz. i lesokhim. prom. 9 no. 5:32 '56.

Thick-walled tube method for measuring local heat release in tubes. B. S. Petukhov. Teploenergetika 3 no. 10:36-41 O '56.

Using light-wall electric welded tubes in electrical work. L. A. Raitsel'skii. Prom. energ. 11 no. 9:30-31 S '56.

TUBES—FLUID DYNAMICS
Free heat convection in round vertical metal pipes. V. V. Slavnov. Zhur. tekh. fiz. 26 no. 9:2002-2004 S '56.

TUDOROVSKII, ALEKSANDR ILARIONOVICH, 1876-
A. I. Tudorovskii, an honored scientist of the Russian Soviet Federative Socialist Republic. Opt. i spektr. 1 no. 3:441 Jl '56.
A. I. Tudorovskii, honored scientist of the Russian Soviet Federative Socialist Republic. Zhur. tekh. fiz. 26 no. 9 2135 S '56.

TUGBOATS see subdivision under Dnepor River

TUIMAZY—PETROLEUM
Study of the composition of naphthenes in the kerosine fraction of the Tuimazy (Devonian) petroleum. A. V. Topchiev and others. Izv. AN SSSR. Otd. khim. nauk no. 9:1109-1119 S '56.

TULA—ART—GALLERIES AND MUSEUMS
Collection of the art museum in Tula. A. Gastev. Ogonek 34 no. 44:8 O '56.

TULA—HISTORY—STUDY AND TEACHING
One hundredth club meeting. V. Sokolov. Prep. ist v shkole 11 no. 5:128 S-O '56.

TULA PROVINCE—HAWKS
Problem of destroying goshawks. G. Likhachev. Okh. i okh. khoz. no. 10:29 O '56.

TULA PROVINCE—INSURANCE, SOCIAL
They finished on time. P. Fedoseev. Sots. obesp. 17 no. 10:16-17 O '56.

TULAREMIA—DIAGNOSIS
On the problem of in vivo diagnosis of tularemia in sheep. V. G. Atrapetian, A. B. Khachatrian. Veterinariia 33 no. 11:34-38 N '56.

TUMORS
A case of congenital parasitic abnormality. T. T. Tung, Kh Su, N. Sang. Khirurgiia, 32 no. 7:76-78 Jl '56.
Changes in conditioned reflex activity of mice during the development of implanted and induced tumors [with summary in English]. E. M. Samundzhan. Vop. onk. 2 no. 4:408-413 '56.
[Contemporary problems of oncology; translations, surveys, and abstracts of foreign periodical literature]. Sovr. probl. onk. 6 no. 6 '56.
Cultivation of chicken sarcoma in tissue explants [with summary in English]. G. P. Gandzii. Vop. onk. 2 no. 4: 430-443 '56.
Effect of X-ray irradiation on the rate of protein synthesis in spontaneous and transplanted tumors in mice [with summary in English]. S. N. Aleksandrov. Vop. onk. 2 no. 4:417-423 '56.
Phosphatases in tumor growth [with summary in English]. M. A. Presnov. Vop. onk. 2 no. 4:423-432 '56.
"Present-day problems in oncology"; collection of articles, reviews and abstracts from foreign periodical literature. Reviewed by V. P. Korotkoruchko. Vop. onk. 2 no. 4:488-490 '56.
Result of using a lead grid in roentgenotherapy of radioresistant tumors. T. G. Lartoshchenko. Vop. onk. 2 no. 4:457-463 '56.
Studies on the chemical nature of the specific antigenic substance of tumors. V. S. Korosteleva, M. I. Karlina, N. V. Cheburkina. Biul. eksp. biol. i med. 42 no. 9:44-50 S '56.

TUNDRAS
Development of some forms of tundra microrelief. G. S. Konstantinova. Izv. AN SSSR. Ser. geog. no. 3:71-76 My-Je '56.

TUNGSTATES
Study of the conversions of p-tungstate ion in solutions with the aid of a mixed sodium-cesium salt. V. I. Spitsyn, E. A. Torchankova. Zhur. neorg. khim. 1 no. 6: 1794-1797 Ag '56.

TUNGSTEN
Changes in the electron emission yield of metals following the adsorption of dipole molecules by the metal surface. I. M. Dykman. Ukr. fiz. zhur. 1 no. 1:81-87 '56.
Effect of adsorbed films of barium atoms and barium oxide molecules on the electron emission by the metal. V. M. Havryliuk. Ukr. fiz. zhur. 1 no. 1:73-80 '56.

TUNGSTEN—ANALYSIS
Formation and photocolorimetric analysis of a tungsten and rhodanide complex. D. N. Finkel'shtein. Zav. lab. 22 no. 8:911-915 Ag '56.

TUNGSTEN—ISOTOPES
Radiochemical determination of the solubility of scheelite ($CaWO_4$) in water and in aqueous solution of NaCl and LiCl. O. B. Bokii, I. N. Antkin. Zhur. neorg. khim. 1 no. 8:1926-1928 Ag '56.

TUNGSTEN OXIDES
Tungsten oxides. I. I. Berger, N. G. Sevast'ianov, L. K. Putilina. Zhur. neorg. khim. 1 no. 8:1713-1716 Ag '56.

TUNGSTENITE
New data on tungstenite. O. M. Rimskaia-Korsakova, M. D. Troianov. Zap. Vse. min. ob-va 85 no. 3:277-285 '56.

TUNISIA—TRADE UNIONS
Letter from the World Federation of Trade Unions to delegates at the Congress of Dissolution of the Trade Union of Workers of Tunisia. Vsem. prof. dvizh. no. 10:25 O '56.
A united trade-union center. Vsem. prof. dvizh. 15 no. 10:24 '56.

TUNNELING
Delivery of materials in containers in constructing tunnel linings. Kh. I. Abramson. Transp. stroi. 6 no. 9:13-15 S '56.
Engineering instructions and directives on tunnel work. Transp. stroi. 6 no. 9:32 S '56.
Experience with building open-line tunnels having an opening along the entire route. N. F. Karasev. Transp. stroi. 6 no. 9:9-11 S '56.
High-speed tunneling techniques (from "Water Power," Ja '56). Gidr. stroi. 25 no. 9:60-61 O '56.
New tunneling machinery. V. I. Razmerov. Transp. stroi. 6 no. 9:23-24 S '56.
Open-line mechanized shield tunneling. N. I. Fedorov. Transp. stroi. 6 no. 9:6-8 S '56.
Shaft lift with tilting cages for tunnel work. Iu. A. Limanov. Sbor. LIIZHT no. 150:103-107 '56.

TUNNELS
Experience in mechanizing tunnel repair work. I. I. Morinov. Transp. stroi. 6 no. 9:17-18 S '56.
Experience in separate concreting of the facing of an underwater tunnel during construction of a Canadian water power station. A. G. Boiko. Mekh. stroi. 13 no. 9:29-31 S '56.
Precast large block linings made of lightweight concrete for railroad tunnels. R. D. Astvatsaturov. Transp. stroi. 6 no. 9:11-13 S '56.

TUOY-KHAYA—CRANIOLOGY
An ancient skull from Yakutia. G. F. Debets. Krat. soob. Inst. etn. no. 25:60-63 '56.

TURBINES
Turbine stage with constant reaction. M. E. Levina, L. I. Slobodianiuk. Teploenergetika 3 no. 9:26-35 S '56.

TURBODRILLS
Comparing the automatic system of bit feed control in connection with surface and depth indicators. IA. B. Kadymov, B. A. Listengarten. Izv. AN Azerb. SSR no. 3:15-20 Ag '56.
DEB-2 diesel-electric a. c. drive for turbodrilling rigs. I. N. Sulkhanishvili. Energ. biul. no. 9:5-8 S '56.
Deflectors of the Groznyy Petroleum Research Institute used for turbodrilling. A. N. Shan'gin. Neft. khoz. 34 no. 10:7-12 O '56.
Gas cyaniding of turbodrill disks. S. A. Ganelina. Neft. khoz. 34 no. 10:12-15 O '56.

TURBOJET ENGINES see subdivision 'Airplanes—Turbojet engines' under Great Britain

TURBOMACHINES see subdivision under United States

TURBOMACHINES—PRICES
Russia (1923- U.S.S.R.) Ministerstvo tiazhelogo mashinostroeniia. [Catalog of wholesale prices for steam turbines, hydraulic turbines, turbo-compressors, and turbine pumps; decree of the Soviet of Ministers of the U.S.S.R., no. 5833 of December 27, 1949; effective January 1, 1950] Preiskurant optovykh tsen na turbiny parovye, gidroturbiny, turbokompressornye mashiny i turbonasosy; utverzhden Postanovleniem Soveta Ministrov SSSR no. 5833 ot 27 dekabria 1949 g. Vvoditsia v deistvie s 1 ianvaria 1950 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1949. 93 p.
[MICROFILM]

TURGAY GATES—COAL GEOLOGY
Existence of three epochs of lower Mesozoic coal deposits in the northern part of the Turgay depression. E. I. Tarskanova. Dokl. AN SSSR 109 no. 6: 1191-1193 Ag '56.

TURGENEV, IVAN SERGEEVICH, 1818-1883
Unpublished letters of I. S. Turgenev. R. B. Zaborova. Sbor. [Len.] pub. bibl. 3:65-86 '56.

TURKA VALLEY—ROCKS, IGNEOUS
Veins and effusive rocks of the Turka-Barguzin watershed. M. I. Kadenskaia. Uch. zap. Ped. inst. Gerts. 117:85-102 '56.

TURKESTAN RANGE—JUNIPER
Juniper forests of Turkestan Range within the boundaries of Leninabad Province. V. I. Zapriagaeva. Trudy AN Tadzh. SSR 30:91-108 '56.

TURKESTAN RANGE—SIEROZEM SOILS
Sierozems of northern slopes of the Turkestan Range and their utilization. G. I. Rolchenko. Trudy Otd. pochv. KirFAN SSSR no. 4:7-21 '53.

TURKISH LANGUAGE—VERB
Periphrastic forms in Turkish. P. I. Kuznetsov. Krat. soob. Inst. vost. no. 18:19-33 '56.

TURKMEN LITERATURE—HISTORY AND CRITICISM
About those who subjugate the wilderness ("Kopet-Dag." Reviewed by A. Zyrin). Neva no. 10:194 O '56.

TURKMENIA—CLIMATE
Morphological and functional changes in the organism as affected by climatic factors in the dry subtropics of the Turkmenian S. S. R. V. I. Sukharev. Uch. zap. MGPI 64:135-169 '55.

TURKMENISTAN—ALGAE
Interesting species of algae from the Turkmen S. S. R. Sh. I. Kogan. Bot. mat. Otd. spor. rast. 11 33-35 Ja '56.

TURKMENISTAN—IRRIGATION
Ancient cultivated oasis soils in the Messerian Plain. M. A. Orlov. Trudy SAGU no. 60:3-20 '54.

TURKMENISTAN—LAMELLIBRANCHIATA, FOSSIL
Merklin, R. L., and L. A. Nevesskaia. [Handbook on Miocene bivalvular molluscs of Turkmenia and western Kazakhstan] Opredelitel' dvustvorchatykh molliuskov miotsena Turkmenii i zapadnogo Kazakhstana. Moskva, Izd-vo Akademii nauk SSSR, 1955. 117 p. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, vol. 59)

TURKMENISTAN—RECLAMATION OF LAND
Akademiia nauk SSSR. Pochvennyi institut. [Takyrs of Western Turkmenistan and ways of reclaiming them for agriculture] Takyry Zapadnoi Turkmenii i puti ikh sel'skokhoziaistvennogo osvoeniia. Moskva, 1956. 735 p.

TURKU—YOUTH—CONGRESSES
Meeting in Turku. Mol. mira no. 9:22 '56.

TURNING
[According to turner V. Kolesov's method; stories of innovators] Po metodu tokaria V. Kolesova; rasskazy novatorov. [Moskva] Izd-vo VTsSPS Profizdat, 1953. 146 p.

TURPENTINE
Prospects of broadening the raw material supply for rosin and turpentine production. I. I. Bardyshev. Gidroliz. i lesokhim. prom. 9 no. 5:24-25 '56.

TUVA AUTONOMOUS PROVINCE
"Soviet Tuva." P. A. Shakhunova, B. N. Likhanov. Reviewed by I. P. Skorodumov, L. V. Semenov. Geog. v shkole 19 no. 5:75 S-O '56.

TUVA AUTONOMOUS PROVINCE—CORN (MAIZE)
Corn growing in the Tuva Autonomous Province. M. G. Sviridov. Kukuruza 4 no. 4:42-44 Jl '56.

TUVA AUTONOMOUS PROVINCE—HORSE BREEDING
Results of upgrading local horses of the Tuva Autonomous Province. D. Klochkov. Konevodstvo 26 no. 11:12-17 N '56.

TUVA AUTONOMOUS PROVINCE—PHYSICAL GEOGRAPHY
Division of Tuva Autonomous Province into physical geographical regions. B. N. Likhanov. Izv. AN SSSR. Ser. geog. no. 5:22-34 S-O '56.

TUYMAZY—OIL WELL PUMPS
Effectiveness of submersible electric-driven centrifugal pumps in the Tuymazy oil fields. E. S. Salimzhanov, B. IA. Gombinor, R. A. Abdullin. Neft. khoz. 34 no. 10: 17-21 O '56.

TYPHOID FEVER
Kosmodamianskii, V. N., ed. [Intestinal infections; problems in the bacteriology, immunology, and therapy of typhoid fever and dysentery] Kishechnye infektsii; voprosy bakteriologii, immynologii i kliniki briushnogo tifa i dizenterii. [Leningrad] Medgiz, 1956. 198 p. (DAFM)

UBINSKOYE—MACHINE-TRACTOR STATIONS
Town in the steppe. L. Chikin. Sib. ogni 35 no. 4: 135-137 Jl-Ag '56.

UFA—MOTORCYCLES—REPAIRING
A shop for repairing motorcycles. P. Selecznev. Prom. koop. no. 10:11 O '56.

UFA DISTRICT—FUNGI
New species of fungi from the Bashkir A. S. S. R. M. N. Rodigin. Bot. mat. Otd. spor. rast. 11 164-166 Ja '56.

UFA DISTRICT—MILDEW
Rare fungus Phyllactinia roboris (Gachet) Blüm. on the leaves of Quercus robur L. M. N. Rodigin. Bot. mat. Otd. spor. rast. 11 103-104 Ja '56.

UFA PROVINCE—WHEAT
Conversion of the Lutescens 62 spring wheat to winter wheat. V. K. Girfanov, E. M. Rakhimov. Agrobiologiia no. 5:30-34 S-O '56.

UFIMTSEV, PAVEL PETROVICH
Ufimtsev, expert repairman of motion-picture equipment. A. Karavaev. Kinomekhanik no. 10:6-7 O '56.

UKRAINE—AERONAUTICS

Day and night. V. Honcharenko. Ukraina no. 18:30-31 S '56.

UKRAINE—AFFORESTATION

Here a forest will grow. M. Popovskii. Znan. sila 31 no. 10:3-6 O '56.

UKRAINE—ARCHAEOLOGY

Scientific activity in 1955 of the Institute of Archaeology of the Academy of Sciences of the Ukrainian S. S. R. R. I. Vyezzhev. Krat. soob. Inst. arkheol. AN URSR no. 6 :87-90 '56.

UKRAINE—AUTOMOBILES—TOURING

Let's start our trip. Pylyp Kozyr. Ukraina no. 18:18 S '56.

UKRAINE—BANKS AND BANKING

Results of a conference of workers of State Bank establishments in the Ukraine. G. Kovalenko. Den. i kred. 14 no. 10:37-42 O '56.

UKRAINE—BOARDING SCHOOLS

Schools of new type. IA. Chitaniuk. Sov. Ukr. 6 no. 9: 190-191 S '56.

UKRAINE—BOOKSELLERS AND BOOKSELLING

Has the consumers' cooparative of the Ukraine increased the sale of books? G. Gurevich. Sov. knizh. torg. no. 10:17-18 O '56.

People play lotto in Rovno. L. Nikol'skii. Sov. knizh. torg. no. 10:23 O '56.

UKRAINE—CATTLE BREEDING

Upgrading Red Steppe cattle. A. N. Bakalo. Zhivotnovodstvo 18 no. 10:53-60 O '56.

UKRAINE—CHESS

Chess organization in the Ukraine. IA. Shereshevskii. Shakh. v SSSR 33 no. 9:274 S '56.

UKRAINE—CHESS—TOURNAMENTS

Championship of the Ukraine. A. Khavin. Shakh. v SSSR 33 no. 10:309-310 O '56.

Tournament of Ukrainian chess players. B. Ratner. Shakh. v SSSR 33 no. 9:279 S '56.

UKRAINE—CIRCUS

Ukrainian circus. Ukraina no. 18:16b-16c S '56.

UKRAINE—CLAY

"Keramzit" (porous clay filler) made of local raw materials of the Ukrainian S. S. R. A. Z. Draban, P. M. Rudenko, O. I. IAkovenko. Nov. v stroi. tekh. no. 6: 89-116 '55.

UKRAINE—COAL MINES AND MINING—PRODUCTION STANDARDS

Wages per ton of coal. Sots. trud. no. 10:67-78 O '56.

UKRAINE—COLLECTIVE FARMS—HISTORY

Preparatory measures for the collectivization of agriculture in the Ukraine. Z. P. Shul'ha. Nauk. zap. Kiev. un. 15 no. 1:57-80 '56.

UKRAINE—COMMUNISM—HISTORY

History of the dissemination of Marx's economic theory in the Ukraine during the second half of the 19th century. V. S. Zhuchenko. Nauk. zap. Kiev. un. 15 no. 1:97-110 '56.

UKRAINE—CORN (MAIZE)—DISEASES AND PESTS

Nigrosporosis of corn in the Ukraine. T. O. Kulyk. Ukr. bot. zhur. 13 no. 3:87-91 '56.

UKRAINE—DAIRY CATTLE

Effect of the age and weight of heifers at the first mating on further development and productivity of cows. Zhivotnovodstvo 18 no. 10:60-62 O '56.

UKRAINE—ECONOMIC POLICY

The sixth five-year plan and national economy of the Ukraine. IE. Glovinskiyi. Ukraina'kyi zbirnyk 7: 7-27 '56.

UKRAINE—ECONOMICS—STUDY AND TEACHING

Improvement in the work of the Institute of Economics of the Academy of Sciences of the Ukrainian S. S. R. in the light of decisions of the 20th Congress of the Communist Party of the Soviet Union. O. O. Nesterenko. Visnyk AN URSR 27 no. 9:3-11 S '56.

UKRAINE—EDUCATION—DIRECTORIES

[Reference book for students entering secondary special schools (technical) in the Ukraine during 1956; the situation as of February 1, 1956] Dovidnyk dlia vstupnykiv do serednikh spetsial'nykh uchbovykh zakladiv (tekhnikumy, uchylyshcha, shkoly) Ukraina'koi RSR na 1956 rik; za stanom na 1-e liutoho 1956 roku. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1956. 189 p.

UKRAINE—EDUCATION—EXHIBITIONS AND MUSEUMS

Ukrainian exhibition in Geneva. I. IUrchenko. Ukraina no. 18:11 S '56.

UKRAINE—EDUCATION, PRESCHOOL

Answering readers' questions. Doshk. vykh. 17 no. 10: 41 O '56.

Conference of readers. Doshk. vykh. 17 no. 18:47 O '56.

UKRAINE—EMPLOYEES' PARTICIPATION IN MANAGEMENT—HISTORY

Control by the workers in the Ukraine. O. N. Holoborod'ko. Nauk. zap. Kiev. un. 15 no. 1:81-96 '56.

UKRAINE—EVENING AND CONTINUATION SCHOOLS

After seven o'clock in the evening. IA. Vesnianyi. Sov. Ukr. 6 no. 10:191-192 O '56.

UKRAINE—FISH CULTURE

Improvement of fisheries such as the "Borshchovka" Fish Farm of the Lvov State Fishery Trust. V. A. Zakhvatkin, V. M. Ivasik. Dop. ta pov. L'viv. un no. 4, pt. 2:39-42 '53.

UKRAINE—GEOGRAPHY

Division of western regions of the Ukrainian S. S. R. into natural and historical districts. A. T. Vashchenko. Dop. ta pov. L'viv. un. no. 3, pt. 2:3-4 '52.

UKRAINE—GLAUCONITE

Occurrence of glauconite in the western region of the Ukraine. E. K. Lazarenko, L. N. Kudrin. Vop. min. osad. obr. 3/4:380-392 '56.

UKRAINE—HARES

Hares in the Ukraine. IU. Kirillov. Okh. i okh. khoz. no. 10:25 O '56.

UKRAINE—HISTORY

Akademiia nauk URSR, Kiev. Institut istorii. [History of the Ukraine] Istoriia Ukrainskoi SSR. Kiev.
Vol. 2. 1956.
(CLU)

The liberation struggle of the Ukrainian people in the first half of the 17th century and the policy of the Vatican and the Habsburgs. František Hell. Nauk. zap. Inst. ist. AN URSR 7:238-251 '56.

UKRAINE—HISTORY—SOURCES

Study of magnates' archives in the Ukraine. A. I. Baranovich. Probl. istoch. no. 5:146-158 '56.

UKRAINE—HYDROLOGY

Immediate tasks for the Institute of Hydrology and Hydraulic Engineering of the Academy of Sciences of the Ukrainian S. S. R. S. I. Shtepanek. Visnyk AN URSR 27 no. 9:28-31 S '56.

UKRAINE—JEWS

Ukrainian-Jewish connections during the revolution. F. Pihido. Ukraina'kyi zbirnyk 7:58-81 '56.

UKRAINE—KAOLINITE

Kaolinite from the weathered zone of the crystalline massif in the southern Ukraine. V. P. Anan'ev, E. G. Kukovskii. Zap. Vses. min. ob-va 85 no. 3:435-438 '56.

UKRAINE—MEDICINE—STUDY AND TEACHING

Medical education and medical science in the Ukraine. V. Pliushch. Ukraina'kyi zbirnyk 7:82-104 '56.

UKRAINE—MILK—ANALYSIS AND EXAMINATION

Vitamin C content of the milk of the main cow breeds proposed for the Ukraine. G. N. Rakhmaninova. Shor. trud. Khar'. vet. inst. 20:89-100 '49.

UKRAINE—MINES AND MINERAL RESOURCES

Mineral resources of the Ukraine should serve the national economy. G. Davydov, F. Ovcharenko. Kommunist 33 no. 14:118-122 S 56.

UKRAINE—NATIONALISM

Bolko, IUrii. [On the main highway] Na holovni magistrali. [n.p] 1951. 152 p.
(CSt-H)

UKRAINE—NATURAL RESOURCES

In the Botany Section of the Ukrainian Society for the Conservation of Nature and contributions to the development of natural resources. S. S. Kharkevich. Ukr. bot. zhur. 13 no. 3:114-115 '56.

UKRAINE—PALEOGEOGRAPHY

Paleographic features of the Ukraine and adjoining regions of the early and middle Miocene period. H. I. Mollavko. Geol. zhur. 16 no. 3:13-27 '56.

UKRAINE—PARKS

Parks in the Ukrainian S. S. R. and their use. A. L. Lypa. Nauk. zap. Kiev. un. 9 no. 5:65-83 '50.

UKRAINE—PEASANTRY

The development of capitalism in agriculture and the decline of the peasantry in the Ukraine during the second half of the 19th century. V. T. Gorbatiuk, T. D. Ionkina. Vop. ist. no. 9:110-119 S '56.

UKRAINE—PLANT LICE

Elm varieties as propagation sources for some grass aphids. V. O. Mamontova. Trudy Inst. zool. AN URSR 13:32-34 '56.

UKRAINE—POTATOES—DISEASES AND PESTS

Extensive infestation of potatoes with late blight. V. A. Golko. Zashch. rast. ot vred. i bol. 1 no. 4:57-58 S-O '56.

UKRAINE—RECLAMATION OF LAND

Main problems in the transformation [illegible] western regions of the Ukraine [illegible] ko. Dop. ta pov. L'viv. un. [illegible]

UKRAINE—RELATIONS (GENERAL)

The train of peace and friendship. [illegible] Rad. zhin. 11 no. 10:20-21 O [illegible]

UKRAINE—REVOLUTION, 1917-1920

Naukova konferentsiia istorykiv [illegible] Zhovtneva sotsialistychna revoliutsiia [illegible] rot'ba trudiashchykh zabilshovyts[illegible] vladu rad, za vozz'iednannia z Radianskoiu Rosiieiu, 1956. [Abstracts of reports and [illegible] vidiel i spivdopovidei. L'viv, Vyd-vo [illegible] URSR, 1956. 11 p.

Ukrainian-Jewish connections during the [illegible] F. Pihido. Ukraina'kyi zbirnyk [illegible]

UKRAINE—REVOLUTION OF 1905

Book on the history of the Revolution [illegible] Ukraine "Revolution of 1905 [illegible] F. IE. Los'. Reviewed P. Zahorovs'kyi [illegible] V. Chuntulov. Visnyk AN URSR [illegible]

UKRAINE—ROAD CONSTRUCTION

Working road surfaces by mechanized [illegible] sheets. Avt. dor. 19 no. 9:10 S [illegible]

UKRAINE—SCIENTISTS

Meetings with foreign scholars. [illegible] AN URSR 27 no. 9:75-78 S [illegible]

UKRAINE—SEDUM

Sedum maxima, a profitable honey [illegible] Berehovyi. Nauk. zap. Kiev. un. [illegible]

UKRAINE—SENECIO

New Senecio L. species in the flora [illegible] IE. V. Minderova. Ukr. bot. zhur. [illegible]

UKRAINE—SOCIALISM—HISTORY

Shevchenko, I.I. [History of social-[illegible] tions in the Ukraine; the Kiev "[illegible] the liberation of the working class"] [illegible] demokratychnykh organizatsii na [illegible] "Soiuz borot'by za vyzvolennia [illegible] [Kyiv] Vyd-vo Kyivs'koho derzh. [illegible] chenka, 1956. 154 p.

UKRAINE—SPOROZOA

New species of slimy sporozoa of [illegible] regions of the Ukrainian S. S. R. [illegible] pov. L'viv. un. no. 4, pt. 2:44 [illegible]

UKRAINE—SUGAR INDUSTRY

Speed up the processing of beets and [illegible] production at sugar factories of the [illegible] IApaskurt. Sakh. prom. 30 no. [illegible]

UKRAINE—SWAMPS

Classification of swamp vegetation of [illegible] IE. M. Bradis. Ukr. bot. zhur. [illegible]

UKRAINE—TECHNICAL EDUCATION

Republic scientific conference on [illegible] science instruction. Rad. shk. [illegible]

UKRAINE—THEATER

Notes of a director. A. Buriakiva'kyi. [illegible] 29-30 Jl-Ag '56.

Thinking aloud. V. Mahar. Mystetstvo [illegible] Jl-Ag '56.

UKRAINE—THEATER—HISTORY

Stage history of "Stolen happiness" by [illegible] stetstvo no. 4:12-14 Jl-Ag '56.

UKRAINE—THEATER—PRODUCTION AND [illegible]

Producers report. Mystetstvo no. 4:34 [illegible]

UKRAINE—VITICULTURE

Ukrainian grapes. I. Dranov. Rad. shk. [illegible] 16-17 O '56.

UKRAINE—WEED CONTROL

Chemical weed control in the Ukraine. [illegible] Zashch. rast. ot vred. i bol. 1 no. 4:11 [illegible]

UKRAINIAN ACTORS see Actors, Ukrainian

UKRAINIAN DRAMA—HISTORY AND CRITICISM

Kysel'ov, Iosyp. [Eternal friendship; the theme of the reunion of the Ukraine with Russia in Ukrainian drama; Odvichna druzhba; tema vozz'iednannia Ukrainy z Rosiieiu v istorichnii dramaturgii. Kyiv, Derzh. vyd-vo mistetstv mennyk, 1954. 86 p.
(MH)

UKRAINIAN FOLKSONGS see Folksongs, Ukrainian

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—COLLECTIONS

Ovcharenko, Mariia, comp. [Golden gate; a reader for Ukrainian youth] Zoloti vorota; chytanka dlia ukrains'koi molodi. Toronto, Canada, Vyd-va im. Kanads'koi 1956. 203 p.
(OCI)

UKRAINIAN LITERATURE—HISTORY AND CRITICISM
History of Soviet Ukrainian literature in the official interpretation. M. Hlobenko. Ukrains'kyi zbirnyk 7: 28-57 '56.
Literary Cherkassy Province ("The Party is leading"; a literary collection. Reviewed by Anatolii Kostenko). Dnipro 30 no.11:110-121 N '56.

UKRAINIAN NEWSPAPERS
A review of newspapers. Sov. pech. no.10:13-17 O '56.

UKRAINIAN PAINTINGS see Paintings, Ukrainian

UKRAINIAN POETRY—TRANSLATIONS INTO BULGARIAN
Shevchenko's works in Bulgarian translations. O. Okhrymenko. Sov. Ukr. 6 no.9:179-180 S '56.

UKRAINIAN TALES see Tales, Ukrainian

UKRAINIANS
(see also subdivision under Canada)
Fedchyniak, I., and IA. Deremenda, eds. [Ukrainian Youth Association abroad; a photo album] Spilka Ukrains'koi Molodi na chuzhyni; fotoal'bom. London, TSentral'nyi komitet Spilky ukrains'koi molodi, 1954. 236 p. (chiefly illus.)
(DS)

ULAN BATOR—CHESS—TOURNAMENTS
Tournament of chess players from eight countries. M. Udovich. Shakh. v SSSR 33 no.9:202-206 S '56.

ULTRASONIC TESTING
Method for determining subsurface defects in metals by means of transverse ultrasonic waves. O. O. Kuz'minu, N. G. Minaev, A. P. Pshenichnikov. Zav. lab. 22 no.8 943-949 Ag '56.

ULTRASONIC WAVES
Effect of ultrasonic vibrations on processes occurring in alloys. N. T. Gudtsov, M. N. Gavze. Zhur. neorg. khim. 1 no.7:1533-1538 Jl '56.
Formation of etching traces by ultrasonic vibrations. Kh. S. Bagdasarov, A. P. Kapustin. Kristallografiia 1 no.1:130-140 '56.
Particular case of elastic wave propagation in crystals. K. S. Aleksandrov. Kristallografiia 1 no.1:138-139 '56.
Ultrasonic location in biology. I. E. El'piner. Priroda 45 no.10:57-62 O '56.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS
Effect of ultrasound on aqueous solutions of aromatic hydrocarbons. M. A. Khenokh, E. M. Lapinskaia. Zhur. ob. khim. 26 no.9:2430-2444 S '56.
Ultrasonic machining of brittle metals. M. M. Pisarevskii. Vest. mash. 36 no.10:60-64 O '56.
Ultrasonic visual indicator for detecting defects in sheet materials (abstract). Zav. lab. 22 no.8:965-966 Ag '56.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT
Ultra-acoustic characteristics of organs and tissues and their importance in biology and medicine. I. E. El'piner. Usp. sovr. biol. 42 no.2:143-159 S-O '56.

ULTRASONIC WAVES—SPEED
Speed of sound and the compressibility of aqueous solutions of inorganic acids. I. G. Mikhailov, V. A. Shutilov. Vest. Len. un. 11 no.16:16-20 '56.

ULTRASONIC WAVES—THERAPEUTIC USE
UZU-1. Nauka i zhizn' 23 no.11:51 N '56.

ULTRAVIOLET RAYS
Characteristics of the oxalic method of measuring ultraviolet radiation. A. A. Generalov. Gig. i san. 21 no.10:15-20 O '56.
Photoelements of photomultipliers with magnesium photocathodes for detecting ultraviolet radiation. O. P. Dorf and others. Radiotekh. i elektron. 1 no.1:106-113 Ja '56.
Redox processes in colloidal solutions of various metal sulfides subjected to ultraviolet rays. E. M. Nanobashvili, L. P. Beruchashvili. Soob. AN Gruz. SSR 17 no.7:807-814 '56.
Some characteristics of ultraviolet transmission in the atmosphere. Sh. A. Bezverkhnii. Trudy KazNIGMI no.2:23-31 '54.

ULTRAVIOLET RAYS—INDUSTRIAL APPLICATIONS
Ultraviolet rays for sterilizing wine containers (Industries Alimentaires et Agricoles no.6 1955). Vin. SSSR 16 no.5:54 '56.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT
Scientific conference of the Leningrad Institute of Sanitation and Hygiene. N. F. Galanin. Gig. i san. 21 no.10:54-57 O '56.
Ultraviolet irradiation of poultry raised in coops. N. V. Pigarev and others. Veterinariia 33 no.11:70-73 N '56.
Using the bactericidal action of ultraviolet rays in pharmacies. A. I. Shimanko, P. V. Lopatin. Apt. delo 5 no.5:13-20 S-O '56.

UL'YANOVSK PROVINCE—COOPERATIVE SOCIETIES—FINANCE
Extending credit to producers' cooperatives and their financial planning. E. Maknev. Fin. SSSR 17 no.10: 46-53 O '56.

UL'YANOVSK PROVINCE—CORN (MAIZE)
Corn growing in Ul'yanovsk Province. B. S. Driz. Kukuruza 1 no.4:35-37 Jl '56.

UMBA RIVER—DESCRIPTION AND TRAVEL
Down the Umba River. E. Romantsev. Vokrug sveta no.10:33-34 O '56.

UNCINARIASIS see Hookworm disease

UNDERDEVELOPED AREAS
Fund that will support the development of underdeveloped areas. K. B. Panikkar. Vsem. prof. dvizh. no.9 insert: 8-10 S '56.
Industrialization of underdeveloped countries. Abdoulaye Diallo. Vsem. prof. dvizh. no.9 insert:7-8 S '56.

UNDERGROUND COAL GASIFICATION see Coal gasification

UNDERGROUND RAILROADS see Subways

UNDERWATER ACOUSTICS
Reflection of sound by a thin rod in water. L. M. Liamshev, S. N. Rudakov. Dokl. AN SSSR 110 no.1:48-51 S-O '56.

UNEMPLOYED see subdivision under China

UNION CATALOGS see Catalogs, Union

UNION OF SOUTH AFRICA see South Africa, Union of

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNIONS, TRADE see Trade unions

UNITED NATIONS
The U. N. yesterday, today, and tomorrow. Sovremennik. Nov. vrem. 14 no.44:3-5 O '56.

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION
UNESCO activity in the field of bibliography. Sov. bibl. no.43:84-85 '56.

UNITED STATES—AGRICULTURAL PESTS
Losses caused by pests and diseases in the U. S. A. B. I. Rukavishnikov. Zashch. rast. ot vred. i bol. 1 no.4:48-50 S-O '56.

UNITED STATES—AGRICULTURE
Book on foreign agricultural practice ("What we saw in the U. S. A. and Canada." V. Matskevich. Reviewed by IA. B. Kogan). Priroda 45 no.10:119-121 O '56.

UNITED STATES—AGRICULTURE—ECONOMIC ASPECTS
The farmers' movement in the U. S. A. in 1932 and 1933. E. F. IAz'kov. Vop. ist. no.9:31-44 S '56.

UNITED STATES—ALCOHOL
Fermentation and synthetic methods in alcohol production in the United States ("Branntweinwirtschaft" 78 no.9 1956). Spirt. prom. 22 no.3:44 '56.

UNITED STATES—ARCHITECTURE
In search of new ways ("The future of architecture" by F. L. Wright. "Scope of total architecture" by W. Gropius). S. Mozhniagun. Arkhit. SSSR no.10:38-39 '56.

UNITED STATES—ATOMIC POWER—INTERNATIONAL CONTROL
Authoritative opinion. Nov. vrem. 14 no.44:14 O '56.

UNITED STATES—ATOMIC POWER INDUSTRY
Geography of the atomic industry of the U. S. A. and Canada. V. M. Gokhman. Izv. AN SSSR. Ser. geog. no.3:60-62 My-Je '56.

UNITED STATES—AUTOMOBILES—MAINTENANCE
Automobile maintenance in the U. S. A. E. Kuznetsov. Avt. transp. 34 no.9:36-38 S '56.

UNITED STATES—BASKETBALL
Basketball equipment in the U. S. A. N. I. Petukhova. Teor. i prak. fiz. kul'. 19 no.9:707-710 O '56.

UNITED STATES—CAMPING
Sports camps for youth in America. Teor. i prak. fiz. kul'. 19 no.9:710-711 '56.

UNITED STATES—CAR AXLES
Speeding up the pouring of car axles. (from "Ry Locomotives & Cars," no.9 '55). Zhel. dor. transp. 38 no.10:93 O '56.

UNITED STATES—CHINCHILLAS
Raising chinchillas in captivity. A. K. Kar. i zver. 9 no.5:53-54 S-O '56.

UNITED STATES—CITIES AND TOWNS
"A service classification of American cities" [in English]. H. J. Nelson. Reviewed by O. A. Konstantinov. Izv. AN SSSR. Ser. geog. no.3:148-152 My-Je '56.

UNITED STATES—COMMERCE—JAPAN
Case of the dollar blouse. Nov. vrem. 14 no.44:15-16 O '56.

UNITED STATES—CONDENSERS (ELECTRICITY)
Frequency modulation condenser (from "Electronics," Ja 1956). Radio no.10:56 O '56.

UNITED STATES—CORN (MAIZE)—DISEASES AND PESTS
Ensilage as a means of controlling corn smut. Kukuruza 1 no.4:59 Jl '56.

UNITED STATES—CORRESPONDENCE SCHOOLS AND COURSES
Correspondence education in the U. S. A. T. A. Il'ina. Sred. spets. obr. no.10:56-59 O '56.

UNITED STATES—DESCRIPTION AND TRAVEL
Gribachev, N. M. [Seven in America; notes of the correspondent of the "Literaturnaia Gazeta" on a trip to the U. S. A. made by a group of Soviet journalists in October and November, 1955] Semero v Amerike; zapiski korrespondenta "Literaturnoi gazety" o poezdke v SShA gruppy sovetskikh zhurnalistov v oktiabre-noiabre 1955g. Moskva, Sovetskii pisatel', 1955. 176 p.

UNITED STATES—EARTHMOVING MACHINERY
New type combined earthmoving and loading machine. M. D. Bernshtein. Stroi. i dor. mashinostr. 1 no.10: 37-38 O '56.

UNITED STATES—ELECTIONS
On the eve of elections in the U. S. A. B. Vronskii. Mosk. prop. 13 no.10:66-71 O '56.

UNITED STATES—ELECTRIC CABLES
New systems of compositing cable lines for the armed forces of the U. S. A. (from Bell Lab. Rec. no.1 '56). Elektrosvinz' 10 no.10:79 O '56.

UNITED STATES—ELECTRIC LIGHTING
Lighting a modern oil refinery. A. I. Gershengorn. Energ. biul. no.9:29-31 S '56.

UNITED STATES—ELECTRIC POWER PLANTS
New high-efficiency units in the State Line and Potomac River Power Plants in the United States. S. IA. Belinskii. Teploenergetika 3 no.9:57-60 S '56.
Statistical data on the status of power engineering in the United States in 1955 and developmental prospects. N. M. Ivanitskii. Teploenergetika 3 no.9:56 S '56.

UNITED STATES—ELECTRIC RECTIFIERS
Mercury-arc rectifiers for industrial establishments (Electrical Engineering no.1 1956). Prom. energ. 11 no.8:28-29 Ag '56.

UNITED STATES—ELECTRICITY
Electricity in industrial plants in the United States (Industry and Power no.1 '56; Power Engineering no.4 '56). Prom. energ. 11 no.9:31-33 S '56.

UNITED STATES—ELECTRONIC CALCULATING MACHINES
Electronic calculating machine for recording speech (from "Computers and Automation," March 1956). Radio no.10:56 O '56.

UNITED STATES—FERTILIZERS AND MANURES
Use of liquid nitrogen fertilizers in the United States. P. Baranov. Khlopkovodstvo 6 no.10:52-56 O '56.

UNITED STATES—FOREIGN ECONOMIC RELATIONS
Neo-colonialism under the guise of "aid" ("Colonial expansion of finance capital of the United States under the guise of 'aid.'" V. V. Rymalov. Reviewed by IA. Polesskii). Vop. ekon. no.10:130-135 O '56.
Theoretical "basis" of the expansion of American monopolies ("Political economy of American foreign policy" [in English]. Reviewed by S. Men'shikov). Vop. ekon. no.10:137-145 O '56.

UNITED STATES—FOREIGN RELATIONS
Riding a tiger ("Memoirs" [in English], vols. 1 and 2. Harry Truman. Reviewed by V. Mariani. Nov. vrem. 14 no.44:28-29 O '56.

UNITED STATES—FOREIGN RELATIONS—GREECE
For Mr. Allen's information. Nov. vrem. 14 no.43: 20 O '56.

UNITED STATES—FOREIGN RELATIONS—RUSSIA
N. A. Bulganin's message to D. Eisenhower. Nov. vrem. 14 no.44:insert:3-4 O '56.

UNITED STATES—FOREIGN RELATIONS—THAILAND
Opinions differ. Nov. vrem. 14 no.43:18-19 O '56.

UNITED STATES—FURNITURE INDUSTRY
Finishing furniture with hot lacquers and paints (from "Industrial Finishing" no. 4, no. 8 '56). Der. prom. 5 no.10:29-30 O '56.

UNITED STATES—HISTORY
Outline history of America from the discovery of America to the end of the Civil War." A. V. Efimov. Reviewed by O. A. Arturov. Prep. ist. v shkole 11 no. 5:116-118 S-O '56.

UNITED STATES—INDUSTRIAL STATISTICS
A review of the industrial output index in the U. S. G. S. Kreinin. Uch. zap. po stat. 1:139-160 '55.

UNITED STATES—INDUSTRIES, LOCATION OF

Gokhman, V.M. [Geography of the heavy industry of the U.S.A.; by types and regions] Geografiia tiazheloi promyshlennosti SShA; po vazhneishim otrasliam i po raionam. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 530 p.

UNITED STATES—INSECTICIDES

Testing new chemicals against wireworms in England and America. V. V. IAkhontov. Zashch. rast. ot vred. i bol. 1 no. 4:53 S-O '56.

UNITED STATES—JUVENILE DELINQUENCY

"One million delinquents" [in English]. Benjamin Fine. Reviewed by E. S. Onan. Sov. gos. i pravo no. 7:154-159 '56.

UNITED STATES—LABOR AND LABORING CLASSES

Myth and reality. S. Kheinman. Oktiabr' 33 no. 10: 114-123 O '56.

UNITED STATES—MUSIC—PERIODICALS

"Sing out"; songs of the common people. Sov. muz. 20 no. 10:132-134 O '56.

UNITED STATES—ORTHODOX EASTERN CHURCH, UKRAINIAN—DIRECTORIES

[Ukrainian Orthodox Calendar for 1957; seventh year] Ukrains'kyi pravoslavnyi kalendar na 1957 rik; richnyi s'omyi. [So. Bound Brook, N.J.] Vyd. Ukrains'koi Pravoslavnoi TSerkvy v ZDA [n.d.] 167 p.

UNITED STATES—PARTICLE SIZE DETERMINATION

"Micromerograph", an instrument for determining the granular composition of fine powders (from "Engineering," no. 4652, 1955). Ogneupory 21 no. 6:286-287 '56.

UNITED STATES—PHONOGRAPH

Phonograph turntable of new design (from "Audio," Fe '56). Radio no. 10:56 O '56.

UNITED STATES—PHOTOGRAPHY

Organizational chart of the scientific research departments of the Kodak and Ilford companies. IU. Sh. Moshkovskii. Zhur. nauch. i prikl. fot. i kin. 1 no. 5: 391-394 S-O '56.

Photography or engraving? Tekh. mol. 24 no. 10:39 O '56.

UNITED STATES—PHYSICS—STUDY AND TEACHING

Some aspects of the teaching of physics in American higher educational institutions. A. G. Gol'dman. Vest. vys. shkoly 14 no. 10:48-52 O '56.

UNITED STATES—PLANT DISEASES

Losses caused by pests and diseases in the U. S. A. B. I. Rukavishnikov. Zashch. rast. ot vred. i bol. 1 no. 4:48-50 S-O '56.

UNITED STATES—PRECISION CASTING

Precision casting using glass coated investment patterns. (from "The Iron Age" no. 19, 1956) N. T. Romanovskii. Lit. proizv. no. 9:32 S '56.

UNITED STATES—RACE QUESTION

In Southern states; a letter from the U. S. A. L. Tiurina. Ogonek 34 no. 44:14 O '56.

UNITED STATES—RADIO, SHORTWAVE

Experience with regular communication on meter-length waves. G. Grudinskaia. Radio no. 10:33 O '56.

UNITED STATES—RADIO RELAY SYSTEMS

Radio relay between telephone systems in the U. S. A. (from "Telephony" no. 5 '56). Elektrosviaz' 10 no. 10:77-78 O '56.

UNITED STATES—RADIO WAVES

Investigation of the propagation of very long waves (from "Proceedings IRE," Fe 1956). Radio no. 10: 55 O '56.

UNITED STATES—RAILROADS—CROSSINGS

Wear-resistant crossings. (from "Ry Gaz," v. 104, no. 20 '56). Zhel. dor. transp. 38 no. 10:93 O '56.

UNITED STATES—RELATIONS (GENERAL) WITH ASIA

Natarajan, L. [From Hiroshima to Bandung; a review of American policy in Asia. Translated from the English] Ot Khirosimy do Bandunga; obzor amerikanskoi politiki v Azii. Perevod s angliiskogo L. Roshal'. Vstup. stat'ia A. Aleksandrova. Moskva, Izd-vo inostrannoi lit-ry, 1956. 205 p.

UNITED STATES—RELATIONS (GENERAL) WITH IRAN

History of Iran-United States relations during the First World War [in Azerbaijani with summary in Russian]. Z. Z. Abdullaev. Izv. AN Azerb. SSR no. 9:83-95 S '56.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

Brochure of an American engineer. Nov. vrem. 14 no. 43:26-27 O '56.

Ivanov, Leonid. [With the American agricultural delegation in the Soviet Union; a journalist's notebook] S amerikanskoi sel'skokhoziaistvennoi delegatsiei po Sovetskomu Soiuzu; zapiski zhurnalista. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 179 p.

A theory about American-Russian relations. O. IUrchenko. Ukrains'kyi zbirnyk 7:105-107 '56.

UNITED STATES—SEMICONDUCTORS

Semiconductor parts for telephone systems. V. V. Pavlov. Vest. sviazi 16 no. 9:34 S '56.

UNITED STATES—SOLAR BATTERIES

Solar energy for electric communications. Elektrosviaz' 10 no. 10:78 O '56.

UNITED STATES—STRIKES AND LOCKOUTS—STEEL INDUSTRY

Steelworkers' strike in the U. S. A. Arthur Crawford. Vsem. prof. dvizh. no. 9:33-37 S '56.

UNITED STATES—SUBMARINE BOATS

Submarines of the United States. P. Kryzhanovskii. Voen. znan. 31 no. 8:26-27 Ag '56.

UNITED STATES—SWIMMING

In swimming pools of the U. S. A. V. Sinitsyn. Fizk. i sport 26 no. 10:30-31 '56.

UNITED STATES—TELEVISION BROADCASTING

Geographic challenge. S. Mirnyi. Vokrug sveta no. 10: 62-63 O '56.

UNITED STATES—TRACK ATHLETICS

Track athletes of the U. S. A. before the Olympic games. B. L'vov. Leg. atl. no. 9:23-26 S '56.

UNITED STATES—TRANSISTORS

New transistor with large frequency limit. (from VIT no. 4 '56). Elektrosviaz' 10 no. 10:79 O '56.

UNITED STATES—TURBOMACHINES

Breakdowns of large turbogenerators in the United States. I. N. Kirsanov. Teploenergetika 3 no. 10:51-52 O '56.

UNITED STATES—VITAMINS

Industrial production of vitamins in the United States. Sh. F. Kanchukh. Khim. nauka i prom. 1 no. 4:466-468 '56.

UNITED STATES—WAGES

Bourgeois economists on the organization of wages in the U. S. A. Aganbegian. Sots. trud. no. 10:119-127 O '56.

How the American worker really lives. Blok. agit. no. 33:14-19 N '56.

UNITED STATES—WAR—ECONOMIC ASPECTS

Effect of the militarization of an economy on the process of capitalistic replacement of the means of production. G. Roginskii. Vop. ekon. no. 10:117-125 O '56.

UNITED STATES—WAR OF 1898

Siezkin, L. IU. [The Spanish-American War of 1898] Ispano-amerikanskaia voina 1898 goda. Moskva, Izd-vo Akademii nauk SSSR, 1956. 132 p. (Nauchno-populiarnaia serila)

UNITED STATES—WINDBREAKS, SHELTERBELTS, ETC.

Shelterbelt afforestation in the United States. P. D. Nikitin. Zemledelie 4 no. 10:106-109 O '56.

UNIVERSE see Cosmogony; Cosmography; Cosmology

UNIVERSITIES AND COLLEGES—BUILDINGS

Practical seminar for administrative personnel. S. Derzhin. Prof.-tekh. obr. 13 no. 10:28 O '56.

UNIVERSITIES AND COLLEGES—EXAMINATIONS

(see also subdivision under Mexico City)

In the Certifying Commission for Higher Education. Vest. vys. shkoly 14 no. 10:43 O '56.

UNLOADING see Loading and unloading

URACIL

Effect of deficiency or excess of thyroxine on insulin hypoglycemia. B. S. Rodkina. Probl. endok. i gorm. 2 no. 4:101-109 Jl-Ag '56.

Hepatic changes following administration of methylthiouracil. T. M. Piatnitskaia. Probl. endok. i gorm. 2 no. 4:96-100 Jl-Ag '56.

URAL MOUNTAIN REGION—AMMONOIDEA

Ruzhentsev, V. E. [Lower Permian ammonites of the southern Urals. Part 2. Ammonites of the Artinskian stage] Nizhnepermskie ammonity IUzhnogo Urala. Part 2. Ammonity artinskogo iarusa. Moskva, Izd-vo Akademii nauk SSSR, 1956. 274 p. (Akademiia nauk SSSR. Paleontologicheskii institut, Trudy, vol. 60)

URAL MOUNTAIN REGION—DIATOMS

New and interesting species of diatoms from trans-Ural bodies of water. V. S. Sheshukova-Poretskaia. Bot. mat. Otd. spor. rast. 11 76-81 Ja '56.

URAL MOUNTAIN REGION—GOITER

Clinical aspects and surgery of thyrotoxicosis in the Central Urals. L. A. Antonova. Probl. endok. i gorm. 2 no. 4:50-60 Jl-Ag '56.

URAL MOUNTAIN REGION—HISTORY

Preobrazhenskii, A. A. [Studies in the colonization of the western Urals during the 17th and the beginning of the 18th century] Ocherki kolonizatsii Zapadnogo Urala v XVII - nachale XVIII v. Moskva, Izd-vo Akademii nauk SSSR, 1956. 302 p.

URAL MOUNTAIN REGION—METALLURGICAL PLANTS

Rebuilding of old dams serving metallurgical plants in the Urals. V. S. Gvozdev, S. E. El'tsufin, and others. Stal' 16 no. 9:810-820 S '56.

Ways to expand old plants in the Urals. D. M. Il'in, and others. Stal' 16 no. 9:831-835 S '56.

URAL MOUNTAIN REGION—MINERAL INDUSTRIES

Akademiia nauk SSSR, Ural'skii filial, Sverdlovsk. Materialy po istorii tekhniki. [Mining and metallurgical industry in the Urals at the end of the 18th century and the beginning of the 19th; a collection of documents] Gornozavodskaia promyshlennost' Urala v kontse XVIII-XIX vv.; sbornik dokumental'nykh materialov. Sverdlovsk, 1956. 207 p.

URAL MOUNTAIN REGION—REVOLUTION, 1917-1920

Communist Youth League underground in the Urals in 1918-1919. E. Moiseeva. Mol. kommunist 34 no. 12: 125 O '56.

Rout of the White armies in the Urals in the autumn of 1919. L. M. Spirin. Ist. zap. 56:26-51 '56.

URAL MOUNTAIN REGION—TILLAGE

Deepening of the plow layer of Gray Forest podzolic zem soils of the southern Cisural region. M. M. Gerasimov. Zemledelie 4 no. 10:37-42 O '56.

URAL MOUNTAIN REGION—TRACTORS

Made in the Ural Mountain region. Sov. Sibir. no. 10: 32 N '56.

URAL MOUNTAIN REGION—WATER, UNDERGROUND

Krotova, V. A. [Hydrogeology] Gidrogeologiia. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956. 344 p. Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy, no. 96)

URAL MOUNTAINS—ANTHRAXOLITE

Anthraxolite from the Volkovskoye deposits in the Urals. D. S. Shteinberg. Zap. Vses. min. ob-va 85 no. 4: 416-418 '56.

URAL MOUNTAINS—COAL GEOLOGY

Coal deposits of the interior zone of the Ural geosyncline. G. F. Krasheninnikov. Trudy Inst. geol. nauk no. 90:76-87 '47.

URAL MOUNTAINS—GABBRO

Age of the gabbro-peridotite formation in the Urals. A. G. Komarov. Izv. AN SSSR. Ser. geol. 21 no. 9: 44-50 S '56.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHY

An attempt to compile an outline of stratigraphic relations between the Pre-Cambrian basement of the Russian platform and the Urals. E. E. Foliash. Izv. AN SSSR 109 no. 6: 1094-1100 Ag '56.

Regularities of the occurrence of mineralogical associations in upper Permian variegated deposits of the central sector of the Ural-Volga region. M. M. Bozhanov. Izv. AN SSSR, Ser. geol. 21 no. 9:99 '56.

Study of the lithology of green sand and schist series in the western slope of the central Urals. G. A. Tashkinov, M. M. Bozhanov. Izv. AN SSSR, Ser. geol. 21 no. 8: 105-108 S '56.

URAL MOUNTAINS—MINES AND MINERAL RESOURCES

Regularities of the occurrence of mineralogical associations in upper Permian variegated deposits of the central sector of the Ural-Volga region. M. M. Bozhanov. Izv. AN SSSR. Ser. geol. 21 no. 9:99 '56.

URAL MOUNTAINS—PERIDOTITE

Age of the gabbro-peridotite formation in the Urals. A. G. Komarov. Izv. AN SSSR. Ser. geol. 21 no. 9: 44-50 S '56.

URAL MOUNTAINS—POPLAR

Experiment in breeding the black pyramidal poplar in the central Urals. N. A. Konovalov. Biul. glav. bot. sada no. 24:15-19 '56.

URAL MOUNTAINS—PROSPECTING

V. N. Tatishchev's role in the development of mineral and geological prospecting in the Urals. G. A. Smirnova. Och. po ist. geol. znan. no. 5:132-154 '56.

URAL RIVER—FISHING

South of Guriev; photos of I. Tunkel'. Ogonek 54 no. 44: 16A-16C O '56.

URANIUM

Uranium binding by humic acids and melanoidines [with English summary in insert]. S. M. Manskaia, T. V. Drozdova, M. P. Emel'ianova. Geokhimiia no. 4:80-92 '56.

URANIUM FLUORIDES—SPECTRA

Optical properties of uranium hexafluoride. Part 1. Absorption spectra in the visible and adjacent ultraviolet range. G. D. Sheremet'ev. Opt. i spektr. 1 no. 3:383-389 Je '56.

URANIUM ORES

Some experiments dealing with the artificial mineral synthesis [with English summary in insert]. G. M. Naumov, K. I. Tobelko. Geokhimiia no. 4:24-37 '56.

URARTU
Excavations in Kirovakan and antiquities of the early Urartaean period. A. Martirosian. Izv. AN Arm. SSR, Obshchestv. nauki no. 9:61-84 S '56.

URDU LANGUAGE
Hindi, Urdu, and Hindustani; use of the terms. G. A. Zograf. Krat. soob. Inst. vost. no. 18:49-55 '56.

UREA
Development of the technique of producing urea-formaldehyde resins. A. A. Blagonravova and others. Khim. prom. no. 5:280-283 Jl-Ag '56.
Study of the density and viscosity of binary systems formed by urea with acetic acid and its chlorine derivatives. IU. I. Bokhovkina. Zhur. ob. khim. 26 no. 9:2399-2404 S '56.
Thermal stability of complex compounds formed of n-paraffins and urea. L. M. Rozenberg and others. Dokl. AN SSSR 109 no. 6:1144-1147 Ag '56.

UREDINEAE see subdivision under Latvia; Maritime Territory; Matcha District; Tajikistan

URETERS—DIAGNOSIS
Combined papillomatosis of the kidney pelvis, ureter, and bladder. P. G. Divnenko. Vest. khir. 77 no. 9: 126-130 S '56.

URETERS—SURGERY
Vaginal approach in suturing ureterovaginal fistulas. A. E. Mandel'shtam. Akush. i gin. 32 no. 4:58-60 Jl-Ag '56.

URETHANPHOSPHORIC ACID
Acid chlorides and esters of urethanphosphoric acids. A. V. Kirsanov, I. N. Zhmurova. Zhur. ob. khim. 26 no. 8:2042-2048 S '56.

URINARY ORGANS—DISEASES
Goligorskii, S.D. [Semiology and diagnosis in urology] Ocherki urologicheskoi semiotiki i diagnostiki. Kishinev, Gos. izd-vo Moldavii, 1956. 242 p. (DAFM)

URINE—ANALYSIS AND PATHOLOGY
Determination of folic acid in urine. A. N. Tikhomirova, O. I. Penar. Vop. pit. 15 no. 5:45-48 S-O '56.
Using stable standard turbidity for determining the content of proteins and their fractions in blood serum and the content of proteins in urine. IU. A. Kechek. Lab. delo 2 no. 5:15-17 S-O '56.

URINE—SECRETION
Interoceptive effects from the cecum on micturition. N. A. Mianesedova. Biul. eksp. biol. i med. 42 no. 9:3-6 S '56.

UROBILIN
Determination of urobilin and stercobilin by fluorescence microscopy. M. P. Bolotov. Lab. delo 2 no. 5:18-19 S-O '56.

USHCHEMEROVA, LAKE—MICRO-ORGANISMS
Results of the microbiological analysis of oozes of Lake Ushchemerovo. N. B. Zavarzina. Trudy Lab. sapr. otl. no. 6:110-114 '56.

USHCHEMEROVO, LAKE—PALEOBOTANY
Geobotanical and pollen study of Lake Ushchemerovo. S. N. Tiuremnov. Trudy Lab. sapr. otl. no. 6:115-121 '56.

USHCHEMEROVO, LAKE—PALEONTOLOGY, STRATIGRAPHIC
Biostratification of deposits of Lake Uschemerova and the main stages of its history. N. V. Kordo. Trudy Lab. sapr. otl. no. 6:83-109 '56.

USHCHEMEROVO, LAKE—POLLEN, FOSSIL
Geobotanical and pollen study of Lake Uschemerovo. S. N. Tiuremnov. Trudy Lab. sapr. otl. no. 6:115-121 '56.

USHCHEMEROVO, LAKE—SAPROPELS
Physical geographical and physical chemical characteristics of sapropelic Lake Ushchemerovo. V. V. Epshtein, G. M. Kataeva. Trudy Lab. sapr. otl. no. 6: 69-82 '56.

USHCHEMEROVO, LAKE—SAPROPELS—THERAPEUTIC USE
Preliminary results of applying sapropelic oozes of Lake Uschemerovo in cases of certain illnesses. B. A. Iniushin. Trudy Lab. sapr. otl. no. 6:122-127 '56.

USHINSKII, KONSTANTIN DMITRIEVICH, 1824-1870
Stories of K. D. Ushinskii for preschool children. H. Uspens'ka. Doshk. vykh. 17 no. 10:42-45 O '56.

USHKALKA—BURIAL
Interment of the Scythian period on the lower Dnieper. D. IA. Telegin. Krat. soob. Inst. arkheol. AN URSR no. 6:46-49 '56.

USSURI REGION—NATURAL HISTORY
Knowledge and love ("In the wilds of the Ussuri Region." V. K. Arsen'ev. Reviewed by B. Komanovskii. Vokrug sveta no. 10:59-60 O '56.

UST'YE VALLEY—PHYSICAL GEOGRAPHY
Geomorphology and soils of the basin incorporating Lake Nero and the Ust'ye and Kotorosl' Rivers. N. V. Chizhikov. Trudy Lab. sapr. otl. no. 6:130-144 '56.

UTERUS
Effect of galenicals from the root rind of upland cotton on the contractility of unstriated uterine muscles under experimental conditions. R. K. Aliev, P. A. IUzbashinskaia. Uch. zap. AGU no. 11:59-69 '55.

UTERUS—CANCER
Use of cytological examinations in prolonged observations of suspected cancer of the cervix uteri (with summary in English). A. V. Rudenko. Vop. onk. 2 no. 4:483-487 '56.

UTERUS—DISEASES
Hematometra caused by cervical atresia with partial periodic secretion of blood through the tubes into the abdominal cavity. I. I. Semenova. Akush. i gin. 32 no. 4: 68 Jl-Ag '56.
Treatment of cervical erosions. I. M. Vaiman. Akush. i gin. 32 no. 4:69 Jl-Ag '56.
Treatment of metrorrhagia with milfoil. A. T. Trifonova. Akush. i gin. 32 no. 4:61-63 Jl-Ag '56.

UZBEK NEWSPAPERS
A review of newspapers. Sov. pech. no. 10:13-17 O '56.

UZBEKISTAN—CHESS PROBLEMS
Competition of Uzbek composers. T. Bivbrager. Shakh. v SSSR 33 no. 10:320-3 of cover O '56.

UZBEKISTAN—COTTON-PICKING MACHINERY
Our experience with machine-picking of cull-cotton on the Dal'verzin No. 1 State Farm. V. Glinianyi. Khlopkovodstvo 6 no. 10:44-48 O '56.

UZBEKISTAN—KARAKUL SHEEP
Leading shepherds. G. E. Kholin. Kar. i zver. 9 no. 5: 57-59 S-O '56.

UZBEKISTAN—LIBRARIES—ACCESSIONS
Organize the methodological administration of the central supply of books. M. Shtromberg. Sov. knizh. torg. no. 10:20 O '56.

UZBEKISTAN—MACHINE-TRACTOR STATIONS
How we achieve high standards in the work of the machine-tractor station. A. Babich. Khlopkovodstvo 6 no. 9:41 S '56.

UZBEKISTAN—METEOROLOGY, AGRICULTURAL
Studies on the agricultural meteorology of Uzbekistan and their practical application. L. N. Babushkin. Trudy SAGU no. 60:117-170 '54.

UZBEKISTAN—NUMISMATICS
Unpublished findings of coins on Uzbek territory. E. A. Davidovich. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7:155-174 '55.

UZBEKISTAN—PRESCRIPTION WRITING
Studying prescription writing in pharmacies in the Uzbek S. S. R.: report no. 2. I. Tashmukhamedov. Apt. delo 5 no. 5:8-13 S-O '56.

UZBEKISTAN—ROTATION OF CROPS
Problem of combining corn or Sorgum cernuum in cotton and alfalfa crop rotations. D. Gavrilenko. Khlopkovodstvo 6 no. 10:24-26 O '56.

UZBEKISTAN—STONE AGE
New data on the Paleolithic era in Uzbekistan. D. N. Lev. Trudy Inst. ist. i arkheol. AN Uz. SSR no. 7:9-28 '55.

UZBEKISTAN—SYMPHONY ORCHESTRAS
Symphony orchestra of Uzbekistan. Sov. muz. 20 no. 10:124-125 O '56.

UZHGOROD—SLAVIC STUDIES
Slavic studies in the Uzhgorod State University. I. A. Dzendzelevskii. Krat. soob. Inst. slav. no. 19:113 '56.

UZLOVAYA—COMMUNIST PARTY OF THE SOVIET UNION
No coddling for supressors of criticism. V. Aleksandrova. Sov. pech. no. 10:26-27 O '56.

UZLOVAYA—REPORTERS AND REPORTING
No coddling for supressors of criticism. V. Aleksandrova. Sov. pech. no. 10:26-27 O '56.

VACCINES
Compound method for treating dysentery by vaccines. G. S. Mironov. Voen.-med. zhur. no. 7:34-37 Jl '56.
Effectiveness of Chernokhvostov's alcohol vaccine in the compound treatment of dysentery. T. A. Bashkirev. Voen.-med. zhur. no. 7:38-41 Jl '56.

VACUUM APPARATUS
Calculating vacuum systems. F. M. Chistiakov. [Trudy] MVTU no. 17:101-119 '53.
Certain characteristics of dynamic vacuum systems. A. L. Mints, N. M. Kristi. Zhur. tekh. fiz. 26 no. 8: 1815-1822 Ag '56.
Determination of diffusion coefficients by continuous measurements. V. P. Vasil'ev. Dokl. AN SSSR 110 no. 1:61-63 S-O '56.
Vacuum apparatus with internal insertion pieces ("Sugar" April 1956). Sakh. prom. 30 no. 8:71-72 Ag '56.

VACUUM CLEANING
Mechanized cleaning of horses. A. Luk'ianchenko. Konevodstvo 26 no. 10:40 O '56.

VACUUM-TUBE VOLTMETER see Electron-tube voltmeter

VACUUM TUBES see Electron tubes

VAGINA—SURGERY
Creation of an artificial vagina by transplantation of fetal membranes. I. D. Arist. Akush. i gin. 32 no. 4: 68-69 Jl-Ag '56.
Creation of an artificial vagina by transplantation of fetal membranes. M. S. TSirul'nikov. Akush. i gin. 32 no. 4:69-71 Jl-Ag '56.
Formation of an artificial vagina by transplanting skin grafts from the thighs. I. I. Charkviani. Akush. i gin. 32 no. 4:67 Jl-Ag '56.
Using a new surgical method in eversion or prolapse of the vagina in aminals. Petr Minchev. Veterinariia 33 no. 11:58-60 N '56.
Vaginal approach in suturing ureterovaginal fistulas. A. E. Mandel'shtam. Akush. i gin. 32 no. 4:58-60 Jl-Ag '56.

VAGUS NERVE
Collateral circulation following isolated ligation of the anterior descending branch of the left coronary artery and in combination with irritation of peripheral segments of the vagus nerve; experimental studies with dogs. A. V. Kuz'mina-Prigradova. Biul. eksp. biol. i med. 42 no. 9:67-71 S '56.
Polarization changes in the heart following vagal inhibition. I. A. Keder-Stepanova and others. Fiziol. zhur. 42 no. 9:821-825 S '56.
Role of the vagus nerve in the mechanism of secretion of gastric juice. V. F. Lysov. Fiziol. zhur. 42 no. 9: 758-764 S '56.

VAILLANT-COUTURIER, PAUL, 1892-1937
Paul Vaillant-Couturier; a sketch of his life and works. N. I. Rubtsova-Chesnova. Uch. zap. Ped. inst. Gerts. 121:197-235 '55.

VAKSEL' PLATON L'VOVICH, 1844-1919
Autographs of Russian writers in the P. L. Vaksel collection. E. E. Naidich. Sbor. [Len.] pub. bibl. 3: 89-102 '55.

VALEGOV, GRIGORII
Grigorii Valegov. Mast. ugl. 5 no. 8:21 Ag '56.

VALERIAN
On the compiling of a new article on infusions and decoctions for the Pharmacopoeia; report no. 2. Valerian infusion. V. IA. Gorodinskaia, M. M. IAmpol'skaia. Apt. delo 5 no. 5:45-48 S-O '56.

VALIGURA, IVAN TRIFOMOVICH
Ivan Valigura. Mast. ugl. 5 no. 8:11 Ag '56.

VALVES
Brass valve for a water safety shut-off device on acetylene generators. V. E. Kuryshev. Svar. proizv. no. 9:28 S '56.
Stop valve for a spray gun. Suggestion by A. I. Moiseenko, P. N. Markovich. Prom. energ. 11 no. 8:23 Ag '56.

VALVES, ELECTRIC see Electric current rectifiers

VANADIUM—ANALYSIS
Photocolorimetric determination of vanadium and titanium. E. F. Pen'kova, A. V. Galdkova, T. V. Novikova. Zav. lab. 22 no. 8:918 Ag '56.

VAPOR CONDENSERS see Condensers (Vapors and gases)

VAPORIZATION, HEAT OF see Heat of vaporization

VARDZIA
Cave city. K. Melitauri. Neva no. 9:206 S '56.

VARFOLOMEI, Metropolitan of Novosibirsk and Barnaul, 1886-1956
Varfolomei, Metropolitan of Novosibirsk and Barnaul; obituary. Zhur. Mosk. Patr. no. 7:18-22 Jl '56.

VARIABLE STARS see Stars, Variable

VARIX
Modified operation in varicose enlargement of the veins of the spermatic cord. V. S. Kostyk. Voen.-med. zhur. no. 7:87-88 Jl '56.

VARNISH AND VARNISHING
Apparatus for determining the temperature of varnish coating softening. A. IA. Drinberg, A. M. Bocharova, A. D. IAkovlev. Zav. lab. 22 no. 8:986 Ag '56.
From waste products of the chemical industry. M. Seredin. Prom. koop. no. 10:20 O '56.
Study of protective properties of varnish and paint coatings by the electrochemical method. V. A. Kargin, M. I. Kariakina, Z. IA. Beresneva. Khim. prom. no. 5:278-280 Jl-Ag '56.
Varnishes and paints resistant to ethers. B. N. Gulisev. Gidroliz. i lesokhim. prom. 9 no. 4:30 '56.

VARNISH AND VARNISHING—STANDARDS

Standards for shellac varnish. M. V. Benenson, F. A. Slutskata. Standartizatsiia no. 4:70-71 Jl-Ag '56.

VARVAROVKA (RUBEZHANSKIY DISTRICT)—STONE IMPLEMENTS

Stone ax-hammer from the environs of Varvarovka. N. T. Evstropov. Krat. soob. Inst. arkheol. AN URSR no. 6:47 '56.

VASILIONAK, IAUHEN

The second book ("Confession." IAuhen Vasilionak. Reviewed by I. Kudrautsau). Belarus' 13 no. 10:30-31 O '56.

VASIL'KOV DISTRICT—MACHINE-TRACTOR STATIONS

Vasil'kov Machine-Tractor Station before the harvest season. F. Kh. IAstreb. Sakh. sveki. no. 6:14-20 Ag '56.

VASOMOTOR DRUGS

Effect of amytal and its combination with dibazol on experimental pituitary hypertension. A. A. Belous. Fiziol. zhur. 42 no. 5:403-406 My '56.

VAVILOV, SERGEI IVANOVICH, 1891-1951

Sergei Ivanovich Vavilov, March 24, 1891 - Jan 25, 1951. P. Feofilov. Opt. i spektr. 1 no. 2:107-112 Je '56.

VEDENEEVA, NINA EVGEN'EVNA, 1882-1955

Nina Evgen'evna Vedeneeva; obituary. Zap. Vses. min ob-va 85 no. 3:457-459 '56.

VEGETABLE BREEDING

Improving regionally adapted canning vegetable varieties by producing high-quality seeds. T. G. Kuz'micheva. Trudy VNIIKOP no. 5:218-224 '55.

Preface. Trudy VNIIKOP no. 5:3-4 '55.

VEGETABLE GARDENING
(see also subdivision under Moscow Province; Rostov Province)

Domusenko, P. M., and T. T. Sukhareva. [Work practice of vegetable growers at the All-Union Agricultural Exhibition] Iz opyta raboty ovoshchevodov-uchastnikov Vsesoiuznoi Sel'skokhoziaistvennoi Vystavki. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 71 p. (DA)

Markov, V.M., and M.A.Tibrova. [Methods of conducting field experiments with vegetables] Metodika polevykh opytov s ovoshchnymi kul'turami. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 103 p.

VEGETABLE GARDENING—BIBLIOGRAPHY see Bibliography—Vegetable gardening

VEGETABLE GARDENING—CONGRESSES

Conference of scientists and vegetable growers. A. V. Alpat'ev. Nauka i zhizn' 23 no. 11:41 N '56.

VEGETABLE GROWING

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [Growing potatoes, vegetables, melons, and squashes (demonstration plots); guidebook] Kartofel', ovoshchnye i bakhchevye kul'tury (uchastok eksponatnykh posadok i posevov); putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p. (DA)

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLES

Agapov, S.P. [Carrots, celery, parsley, parsnip] Morkov, sel'derei, petrushka, pasternak. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 63 p. (Bibliotechka ovoshchevoda) (DA)

Comparative characteristics of the chemical composition of greenhouse vegetables. I. V. Svershkov, D. S. Dukhan. Vop. pit. 15 no. 5:88-90 S-O '56.

New varieties of canned vegetable appetizers. A. F. Namestnikov and others. Ref. nauch. rab. VNIIKOP no. 3: 3-8 '55.

Role of various vegetables in mineral metabolism in children. V. I. Gnoevaia and others. Vop. pit. 15 no. 5:77-79 S-O '56.

VEGETABLES—STORAGE

Role of gases in vegetable and fruit storage. IU. V. Rakitin, A. V. Krylov, A. A. Kolesnik. Priroda 45 no. 10: 97-99 O '56

VEINS

Changes of the venous bed in endarteritis [with summary in English, p. 160]. A. T. Akilova. Vest. khir. 77 no. 9:73-85 S '56.

Venous supply of bones in man [with summary in English, p. 159]. F. P. Markizov. Vest. khir. 77 no. 9:37-45 S '56.

VEINS, VARICOSE see Varix

VENEERS AND VENEERING

Manufacture of plywood and furniture panels at the Wiederitzsch Combine. D. M. Sterlin. Der. prom. 5 no. 10:27-29 O '56.

VENEREAL DISEASES

Arutiunov, V.IA. [Skin and venereal diseases] Kozhnye i venericheskie bolezni. Moskva, Medgiz, 1956. 474 p. (DAFM)

VENEREAL DISEASES—ABSTRACTS

[Abstracts of Soviet medical literature: Skin and venereal diseases.] Sovetskoe meditsinskoe referativnoe obozrenie: Kozhnye i venericheskie bolezni no. 9 '56.

VENICE—HISTORY

Time of the beginning of the decline of Venice. E. Shakhmatiev. Uch. zap. AGU no. 9:117-126 '55.

VENTILATING FANS see Fans, Mechanical

VENTILATION

How heating and ventilation systems should work? I. Livchak. Arkhit. SSSR no. 11:35-39 '56.

Pentkovskii, N.I., S.I.Raikhinshtein, and L.D.Boguslavskii. [Organization and planning of construction and assembly work in establishing heat and gas supply and ventilation] Organizatsiia i planirovanie stroitel'no-montazhnykh rabot po teplo-gazosnabzheniiu i ventiliatsii. Pod red. D.L.Poliakova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 293 p.

VERESHCHAGIN, VASILII VASIL'EVICH, 1842-1904

V. V. Vereshchagin in Azerbaijan [in Azerbaijani with summary in Russian]. K. Kerimov. Izv. AN Azerb. SSR no. 6:91-104 Je '56.

VERKHNE-VILYUYSK DISTRICT—RUSSIAN LANGUAGE—STUDY AND TEACHING

Young schoolmistress in a Yakut school. V. F. Afanas'ev. Nach. shkola 24 no. 11:39-40 N '56.

VERMICULITE

Vermiculite and its use in the construction industry abroad. I. A. Kovel'man. Biul. strof. tekh. 13 no. 9: 45-48 S '56.

VERONA, ITALY—AGRICULTURAL EXHIBITIONS

At the fair in Verona. V. I. Orlov. Nauka i zhizn' 23 no. 10:53-54 O '56.

VERTEBRATES, FOSSIL see subdivision under China

VESPUCCI, AMERIGO, 1451-1512

Amerigo (conclusion). Stefan Zweig. Vokrug sveta no. 10:25-31 O '56.

VESSELS (SHIPS) see Ships

VES'YEGONSK—DESCRIPTION

Ves'yegonsk, a quite city. Nik. Kruzhkov. Ogonek 34 no. 43:12-14 O '56.

VETCHINKIN, VLADIMIR PETROVICH, 1888-1950

Vetchinkin, V.P. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 1. [Dynamics of aircraft] Dinamika samoleta. 1956. 422 p.

VETCHLING see subdivision under Azerbaijan

VETERANS, DISABLED see Disabled veterans

VETERINARY ANATOMY

Variability in the branching of the common brachio-cephalic trunk, the left subclavian and the brachio-cephalic arteries in domestic animals. V. A. Telegin. Sbor. trud. Khar'. vet. inst. 20:9-23 '49.

VETERINARY COLLEGES
(see also subdivision under Kharkov)

Some problems in the organization of higher veterinary education. V. M. Koropov. Veterinariia 33 no. 11:3-7 N '56.

VETERINARY HOSPITALS see subdivision under Alekseyevka District

VETERINARY HYGIENE

From the work practice of disinfection teams. Veterinariia 33 no. 11:76-78 N '56.

International congress on veterinary food hygiene. A. A. Poliakov, G. V. Kolobolotskii. Veterinariia 33 no. 11: 83-86 N '56.

Our practice in organizing the work of a disinfection team. K. P. Semenov. Veterinariia 33 no. 11:74-76 N '56.

VETERINARY INSTRUMENTS AND APPARATUS

Semiconductor electric thermometer for veterinary use. B. M. Shtimovich. Zhivotnovodstvo 18 no. 10:72-73 O '56.

VETERINARY LABORATORIES

Phase-contrast microscopy in laboratory practice. A. P. Pekhov. Veterinariia 33 no. 11:79-82 N '56.

Tasks of veterinary diagnostic laboratories in studying the causes of diseases in domestic animals. A. S. Solun. Veterinariia 33 no. 11:52-55 N '56.

VETERINARY MATERIA MEDICA AND PHARMACY

Mozgov, I.E. [Veterinary prescription writing] Veterinarnaia retseptura. Izd. 3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 285 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

Paraffin-gypsum mixture as a therapeutic agent. M. N. Kirillov. Veterinariia 33 no. 11:87-88 N '56.

VETERINARY MEDICINE
(see also subdivision under Dolgyanka District)

In the Ministry of Agriculture of the U.S.S.R. Veterinariia 33 no. 11:95-96 N '56.

Measures for controlling helminths during the season when animals are kept in stalls. D. N. Asadulin. Veterinariia 33 no. 11:8-10 N '56.

Nazarov, G.S. [Skin diseases of domestic animals and their treatment] Kozhnye bolezni domashnikh zhivotnykh i ikh lechenie. [Saratov] Saratovskoe kn-vo, 1955. 312 p. (DA)

Noninfectious diseases. Veterinariia 33 no. 11:53-55 N '56.

Pathogenic treatment of animals in internal [illegible] diseases. K. K. Movsum-Zade. Veterinariia 33 no. 11: 44-46 N '56.

Prevention of echinococcosis in reclaiming [illegible]. N. P. Sokolov. Sov. med. 20 no. 8:91-94 '56.

Prophylaxis and treatment of animals with [illegible] hypochlorite solution in infectious and [illegible] conjunctivitis. A. Shishkin. Veterinariia 33 no. 11: 42-43 N '56.

Resection of the rectum in animals. L. I. Shelkovnikov. Veterinariia 33 no. 11:56 N '56.

Some problems in the work of veterinary [illegible]. T. M. Tukhovich. Veterinariia 33 no. 11:81-83 N '56.

Using a new surgical method in eversion of [illegible] the vagina in animals. Petr Minchev. Veterinariia 33 no. 11:59-60 N '56.

Vsesoiuznaia konferentsiia po problemam veterinarnoi dermatologii, araldinologii i entomologii. [1st, Moskva, 1954. [Abstracts of reports] Tezisy dokladov (1-25 marta 1954 g.) Moskva, 1954. 237 p. (DA)

VETERINARY MEDICINE—BIBLIOGRAPHY see Bibliography—Veterinary medicine

VETERINARY OBSTETRICS

Gubarevich, IA. G. [Veterinary obstetrics and [illegible]] Veterinarnoe akusherstvo i ginekologiia. Izd. 3-e. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 470 p. (DA)

Troitskii, F.A. [Veterinary obstetrics, [illegible] artificial insemination of animals] Veterinarnoe akusherstvo, ginekologiia i iskusstvennoe osemenenie zhivotnykh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 367 p. (Uchebniki i uchebnye posobiia dlia vysshikh i srednikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)

VETERINARY PHYSIOLOGY—CONGRESSES

All-Union scientific conference among agricultural institutions on animal physiology. G. I. Asimov and volnovodstvo 18 no. 10:88-91 O '56.

VETERINARY SURGERY

Lumbar (girdle) epidural anesthesia in cattle. I. I. Magda. Sbor. trud. Khar'. vet. inst. 20:241-247 '49.

Parasacral anesthesia in dogs. I. A. Kalashnik. Sbor. trud. Khar'. vet. inst. 20:218-223 '49.

VETLUGA DISTRICT—LIBRARIES AND READERS

Taking the book to the collective farmer. [illegible] Bibliotekar' no. 10:21-25 O '56.

VIBRATION

Determining the frequencies of free vibrations in elastic systems having some degrees of freedom. E. Agamirzian. Trudy TbIIZHT no. 22:133-138 '55.

Longitudinal vibrations due to the hydraulic drive of machine tools. G. I. Kamenetskii. Stan. i instr. 27 no. 9:11-15 S '56.

VIBRATION—MEASUREMENT

Paper band for the VR-1 vibrograph. V. G. Sedegashvili. Zav. lab. 22 no. 8:1003 Ag '56

VIBRATORS

Using vibration pouring tubes in submarine [illegible]. D. IU. Kharlab. Bot. i zhel.-bet. no. 10:373-374 '56.

Vibration in the diffusion process. A. S. Makeev, V. S. Bevzushenko, N. A. Burenkov. Sakh. prom. 30 no. 8: 35-38 Ag '56.

VIDIN, BULGARIA—CANNING AND PRESERVING

Parcel from Bulgaria. TS. Kivina. Rad. shin. 11 no. 10:11 O '56.

VIETNAM—DESCRIPTION AND TRAVEL

Osipov, V. [When the jungles were empty; sketches of Vietnam] Kogda opustoli dzhungli; v'etnamskie ocherki. Moskva, Izd-vo "Izvestiia," 1956. 110 p.

VIETNAM—SOCIAL CONDITIONS

Our Vietnamese friends. V. Vavilina. Rabotnitsa 34 no. 10:22-24 O '56.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT

Illegal "constitution." Nov. vrem. 14 no. 45:10 N '56.

VIEUXTEMPS, HENRI, 1820-1881

Concert of Vieuxtemp's works. Sov. muz. 20 no. 9: 113 S '56.

VILYUY BASIN—GEOLOGY, STRATIGRAPHIC
Lithological characteristics of the upper continental stratum of the central and western portions of the Vilyuy Basin. Izv. AN SSSR, Ser. geol. 21 no. 9:84-97 S '56.

VILYUY VALLEY—MICA
Secondary transformations of micas in the Mesozoic deposits of the Vilyuy depression. V. I. Murav'ev. Dokl. AN SSSR 109 no. 6:1197-1198 Ag '56.

VILYUYSK BASIN—GEOLOGY
Structure of the southeastern area of the Vilyuysk Basin. Z. M. Starostina. Izv. AN SSSR, Ser. geol. 21 no. 8: 70-77 Ag '56.

VINE CROPS
Useful book on the cultivation of forage vine crops ("Cultivation of forage vine crops in the Southeast." B. P. Katkov. Reviewed by IU. A. Shanskii). Zhivotnovodstvo 18 no. 10:84-86 O '56.

VINOGRADOV, ZAKHARII ZAKHAROVICH, 1892-
Enchanted wanderer. O. Ivanova. Vokrug sveta no. 10: 45-46 O '56.

VINYLATION
Research in the synthesis and conversion of vinyl silicon compounds. Part 2. Vinylation of hydrogen containing halo silanes and alkyl dihalo silanes by the contact method. M. F. Shostakovskii, D. A. Kochkin. Izv. AN SSSR. Otd. khim. nauk no. 9:1150-1152 S '56.

VIRIDINE see subdivision under Russian Platform

VIRUSES
Degeneration of some interspecific vegetative potato hybrids. I. H. Nurmisto. Agrobiologiia no. 5:114-124 S-O '56.
Mechanism of cellular infection due to polyhedral viruses studied in the light of observations on the size and form of polyhedra. S. M. Gershenzon. Dokl. AN SSSR 109 no. 6:1199-1201 Ag '56.

VISCERA—ABNORMITIES AND DEFORMITIES
Problem of asymmetry; data of the Shchelkovo District Hospital. M. E. Skatkov. Probl. endok. i gorm. 2 no. 4:90-95 Jl-Ag '56.

VISCOSIMETER
Ultrasonic viscosimeter (from "Instrum. a. Automat.," no. 10 '56). Zav. lab. 22 no. 8:1003-1004 Ag '56.

VISCOSITY
Measuring the viscosity of liquids at temperatures above boilding points. A. M. Gasparian, R. E. Akopian. Dokl. AN Arm. SSR 23 no. 1:17-22 '56.
Presence of Newton's viscosity in bentonite suspensions. L. A. Abduragimova. Trudy Inst. khim. AN Azerb. SSR 15:77-83 '56.
Temperature dependence of the viscosity of hydrocarbons. Part 1. A. M. Kuliev, M. G. Sardarly. Uch. zap. AGU no. 6:33-40 '55.
Temperature dependence of the viscosity of liquid nitrogen at constant density. N. F. Zhdanova. Zhur. eksp. i teor. fiz. 31 no. 1:14-17 Jl '56.

VISIBILITY
Diaphanoscopic method for determining the meteorological visibility range at hydrometeorological stations. V. A. Gavrilov. Meteor. i gidrol. no. 8:45-48 S '56.
Range of visibility in a rainfall zone. E. A. Polinkova. Meteor. i gidrol. no. 6:23-26 Ag '56.

VISION see Sight

VISUAL EDUCATION
Visual aids in lecturing. S. Zinov'ev. Klub 6 no. 10: 23 O '56.

VITAMINS
(see also subdivision under United States)
Achievements of chemistry in the production of vitamins. V. M. Berezovskii. Khim. nauka i prom. 1 no. 4:443-454 '56.
Effect of a polyvitamin complex on the resistance of the organism of anoxia. F. P. Kosmolinskii. Vop. pit. 15 no. 5:15-22 S-O '56.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii vitaminnyi institut. [Vitaminization of food products] Vitaminizatsiia pishchevykh produktov. Pod red. S. I. Korol'kova. Moskva, Pishchepromizdat, 1955. 53 p.
Results of the vitaminization of food in public eating establishments. N. N. Berezovskaia and others. Vop. pit. 15 no. 5:37-42 S-O '56.
Thiamine, riboflavin, and nicotinic acid metabolism in schizophrenia. S. P. Zelins'kyi. Fiziol. zhur. [Ukr.] 1 no. 5:37-45 S-O '55.
Treatment of slowly healing wounds with concentrated preparations of vitamin A, carotene and stickleback oil combined with penicillin. S. E. Manoilov, T. I. Vol'fson. Khirurgiia, 32 no. 7:74-75 Jl '56.
Vitamins in fodder yeasts. A. P. Kriuchkova, L. I. Komarova. Gidroliz. i lesokhim. prom. 9 no. 5:5-7 '56.

VITAMINS—A
Elution of the fatty fraction of hydrolysate in the production of vitamin A by alkaline hydrolysis. G. V. Kratchenskii. Ryb. khoz. 32 no. 10:35-40 O '56.
Inflammatory proliferations of the renal epithelium in vitamin A deficiency. T'ang Su-en. Biul. eksp. biol. i med. 42 no. 9:71-73 S '56.
Vitamin A and D preparations and emulsions. A. S. Lazunova and others. Ryb. khoz. 32 no. 9:25-31 S '56.
Vitamin A content of various organs and tissues of cattle and horses. N. Nakonechnyi. Mias. ind. SSSR 27 no. 5:55-56 '56.
What's new in the science of pain. S. D. Balakhovskii. Priroda 45 no. 10:23-29 O '56.

VITAMINS—B
Development of vitamin D deficiency and its relation to the dietary content of vitamin B complex. A. T. Zhmeido, S. N. Matsko. Vop. pit. 15 no. 5:71-73 S-O '56.
Effect of vitamin B complex on the higher nervous activity in schizophrenia. V. M. Vashetko, T. M. Horodkova. Fiziol. zhur. [Ukr.] 1 no. 5:46-53 S-O '55.
Effect of vitamin $B_{12}$ on exocrine function of the liver and pancreas. R. V. Rudyi, N. P. Skakun. Vop. pit. 15 no. 5:12-15 S-O '56.
Mechanism of action of B-group vitamins in anoxia. IU. F. Udalov. Vop. pit. 15 no. 5:22-26 S-O '56.

VITAMINS—$B_1$ see Thiamine

VITAMINS—C see Ascorbic acid

VITAMINS—D
Vitamin A and D preparations and emulsions. A. S. Lazunova and others. Ryb. khoz. 32 no. 9:25-31 S '56.

VITICULTURE
(see also subdivision under Abkhazia; Bashkiria; Bot-Pak-Dala; Cherkassy Province; Georgia; Tajikistan; Ukraine)
For systematic erosion control in vineyards. N. A. Shcherbatiuk. Vin. SSSR 18 no. 5:57-58 '56.
How to apply fertilizers when planting orchards and vineyards. I. M. Semenov. Ud. i ur. 1 no. 9:24-27 S '56.
Improve the fruiting of suckers. M. G. TSeitlin. Vin. SSSR 18 no. 5:30-32 '56.
Machine for grape planting. N. N. Kliutsko. Vin. SSSR 18 no. 5:49-51 '56.
"Select grape plot." M. I. Volkova. Reviewed by G. S. Morozova. Vin. SSSR 18 no. 5:61 '56.
Studying the use of processed gumbrin in viticulture [with French summary in insert]. Z. G. Bagdasarashvili. Pochvovedenie no. 7:102-105 Jl '56.
"Viticulture." A. M. Negrul', V. N. Chigrin, A. IA. Kuz'min. Reviewed by G. I. Zhukov. Vin. SSSR 18 no. 5: 60-61 '56.

VITICULTURE—BIBLIOGRAPHY see Bibliography—Viticulture

VITIM VALLEY—GEOLOGY, STRATIGRAPHIC
Characteristics of Proterozoic rocks of the Olekma-Vitim mountainous region. A. O. Rozentsvit. Inform. sbor. VSEGEI no. 2:12-19 '55.

VITKOVSKII, VASILII VASIL'EVICH, 1856-1924
V. V. Vitkovskii; on the 100th anniversary of his birth. F. IA. Gerasimov. Geod. i kart. no. 6:54-60 Ag '56.

VLADIMIR—CATHEDRALS
Architecture of the St. Dimitrii Cathedral in Vladimir. V. Kazarinova. Arkhit. SSSR no. 11:40-42 '56.

VLADIMIR PROVINCE—HORSE SHOWS
First horse fairs. Konevodstvo 26 no. 10:47 O '56.

VLASOV, V.
"Czechoslovak pictures"; a quartet by V. Vlasov. R. Glezer. Sov. muz. 20 no. 10:43-46 O '56.

VOCAL CORDS—TUMORS
Adenomatosis of the vocal cords. N. F. Lebedeva, L. A. Cherkasskii. Vest. oto-rin. 18 no. 5:135-136 S-O '56.

VOCATIONAL EDUCATION
Selection and training of workers in the field of metrology and measuring techniques. M. F. Mikhailov. Izm. tekh. no. 4:17-20 Jl-Ag '56.
Youth in workshops and laboratories. Tekh. mol. 24 no. 10:2-3 O '56.

VOCATIONAL GUIDANCE
[The path to a profession] Put' v professiiu. [Sost. M. S. Panich. Leningrad] Leningradskoe gazetno-zhurnal'noe i knizhnoe izd-vo, 1956. 137 p.
Where will a young man better understand life and more wisely choose his profession? S. Rozenberg. Otv. na vop. trud. no. 72:27-34 '56.

VODKA
Discussion of problems relative to the quality of water for liquer and vodka production. Spirt. prom. 22 no. 3:38-40 '56.

VOEIKOV, ALEKSANDR IVANOVICH, 1842-1916
"Story of the famous Russian geographer, Aleksandr Ivanovich Voeikov." V. V. Pokshishevskii. Reviewed by Z. G. Freikin. Geog. v shkole 19 no. 5:73-74 S-O '56.

VOLCANIC ASH, TUFF, ETC. see subdivision under Carpathian Mountain region; Eringa Valley; Siberian Platform

VOLCANOES see subdivision under Avacha Sopka; Georgia; Kamchatka

VOLES see subdivision 'Field mice' under Tajikistan

VOLGA DELTA—FISHES
Changes in the distribution and composition of fish fauna in the area near the Volga mouth. N. P. Tanasiichuk. Ryb. khoz. 32 no. 10:51-54 O '56.

VOLGA-DON CANAL
Vlazovikov, M.I. [The V.I.Lenin Volga-Don Canal; a guidebook] Volgo-Donskoi sudokhodnyi kanal imeni V.I.Lenina; putevoditel'. Izd. 2-oe. [Stalingrad] Stalingradskoe kn-vo, 1956. 79 p.

VOLGA RIVER—HYDROELECTRIC POWER STATIONS
What is the Volga-Kama cascade of hydroelectric power stations? G. Vainshtein. Otv. na vop. trud. no. 72:17-26 '56.

VOLGA VALLEY—AGRICULTURE
Cultivation system for Gray Forest soils on the right bank of the Middle Volga Valley. V. P. Nartsissov. Zemledelie 4 no. 10:3-9 O '56.
In the "Volga Valley" pavilion. A. D. Omel'chenko. Sel'khoz. Povol. no. 9:7-13 S '56.
Some problems in intensifying production in the steppe region. IU. P. Kovyrialov. Sel'khoz. Povol. no. 9: 60-63 S '56.

VOLGA VALLEY—ALLUVIAL LANDS
Relief of the Volga-Akhtuba flood plains and their agricultural evaluation. V. A. Nikolaev. Vest. Mosk. un. 11 no. 6:131-139 Je '56.

VOLGA VALLEY—BOTANY
Akademiia nauk SSSR. Botanicheskii institut. [The nature and feeding properties of Hman vegetation of the Volga-Ural interfluve] Priroda i kormovye osobennosti rastitel'nosti limanov Volgo-Ural'skogo mezhdurech'ia. Moskva, 1956. 634 p.

VOLGA VALLEY—CLIMATE
Zoning the southeast according to agricultural meteorology. N. V. Bova. Sel'khoz. Povol. no. 9:14-20 S '56.

VOLGA VALLEY—DESCRIPTION
Sementovskii, V. N., and I. I. Fedenko. [Moscow-Astrakhan; a guidebook] Moskva-Astrakhan'; putevoditel'. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 172 p.

VOLGA VALLEY—DWELLINGS
History of rural dwellings among the peoples of the middle Volga Valley. N. I. Vorob'ev. Krat. soob. Inst. etn. no. 25:3-18 '56.

VOLGA VALLEY—FISH CULTURE
System of piscicultural measures in the Volga-Caspian region. A. N. Baluev. Ryb. khoz. 32 no. 10:48-51 O '56.

VOLGA VALLEY—GEOLOGY, STRATIGRAPHIC
Tournaisian deposits in the lower Volga Valley, Donets Basin, and southeastern Dnieper-Donets Lowland. S. V. Semikhatova. Trudy VNIGNI no. 6:12-35 '55.

VOLGA VALLEY—GLAUCONITE
Occurrence of glauconite in the Saratov region of the Volga Valley. I. F. Lobanov. Vop. min. osad. obr. 3/4:303-307 '56.

VOLGA VALLEY—PASTURES AND MEADOWS
Accelerated meadow formation on flood lands. N. K. Vlaz'min. Sel'khoz. Povol. no. 9:76-77 S '56.

VOLGA VALLEY—PETROLOGY
Polonskaia, B.IA. [Petrography and facies characteristics of Devonian deposits of the Kuybyshev region of the Volga Valley] Petrografiia i fatsial'nye osobennosti devonskikh otlozhenii Kuibyshevskogo Povolzh'ia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 134 p.

VOLGA VALLEY—PHYSICAL GEOGRAPHY
Geomorphological data on the most recent movements in the region of the Belokamenka uplift. M. V. Pronicheva. Izv. AN SSSR. Ser. geog. no. 3:68-70 My-Je '56.

VOLGA VALLEY—RICE
Prospects for growing rice in the flood land and delta of the Volga River. B. A. Shumakov, L. V. Skripchinskaia. Sel'khoz. Povol. no. 9:44-49 S '56.

VOLGA VALLEY—SILICA
The mineralogical characteristics of authigenic silica in sedimentary rocks of the Mesozoic and Paleogene in the lower regions of the Volga. V. S. Vasil'ev. Vop. min. osad. obr. 3/4:292-298 '56.

VOLGA VALLEY—SOILS

"Soils of irrigated areas in the central trans-Volga region." V. P. Glukhovtsev. Reviewed by M. Kaplinskii, P. Artiaev. Pochvovedenie no. 7:125-126 Jl '56.

VOLGA VALLEY—WATER, UNDERGROUND

Krotova, V. A. [Hydrogeology] Gidrogeologiia. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956. 266 p. (Leningrad. Vsesoluznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy, no. 94)

VOLOGDA—MONASTERIES

The so-called rural "voluntary" slaves of the Spasso-Prilutki Monastery. V. M. Paneiakh. Probl. istoch. no. 5:210-230 '56.

VOLOGDA PROVINCE—RED CROSS

Joint plenum. I. Shicheva. Sov. kras. krest 6 no. 5:24 S-O '56.

VOLOGDA PROVINCE—SHEEP BREEDING

Organizing medium-wool sheep breeding in Vologda Province. A. V. Zamoryshev. Ovtsevodstvo no. 9:27-32 S '56.

VOLTAGE REGULATORS

Adjusting electromagnetic voltage stabilizers on 100-Mw turbogenerators. I. A. Borodianskii, U. S. Gugel'. Elek. sta. 27 no. 9:56-58 S '56.

Automatic regulation of voltage. G. A. Kaminskii. Sakh. prom. 30 no. 7:41 Jl '56.

Electromagnetic frequency multipliers as voltage stabilizers. F. A. Katkov. Sbor. trud. Inst. elektrotekh. AN URSR no. 12:98-107 '55.

Improving systems of connecting voltage stabilizers. M. I. Slodarzh. Elek. sta. 27 no. 9:58-59 S '56.

Increasing the capacity of synchronous compensators. A. S. Eremeev. Vest. elektroprom. 27 no. 4:1-5 Ap '56.

Relay protection of generators and synchronous compensator. M. A. Berkovich, N. V. Vinogradov, V. A. Semenov. Elek. sta. 27 no. 9:46-48 S '56.

Simple circuit for obtaining voltage proportional to the square of the velocity of rotation. V. V. Goraskii. Avtom. i telem. 17 no. 10:941-942 O '56.

Stage compensation of changes in network voltage during automatic arc welding. G. M. Kasprzhak, A. V. Nikolaev. Vest. elektroprom. 27 no. 4:42-47 Ap '56.

VOLTMETER

All-purpose voltmeter. N. Kruzhkov. Radio no. 10: 49-52 O '56.

5100 three-range 25-50-75 kilovoltmeter of an electrostatic system. Vest. elektroprom. 27 no. 4:73 Ap '56.

VOLTMETER, ELECTRON-TUBE see Electron-tube voltmeter

VOLUMETRIC ANALYSIS see Titration

VOLYN' PROVINCE—COAL MINES AND MINING

Roads into the depths. Il'ia Zverev. Znamia 26 no. 10:89-115 O '56.

VORKUTA—COAL GEOLOGY

Cyclic structure of coal-bearing deposits of the Vorkuta fields. G. A. Ivanov. Trudy Inst. geol. nauk no. 90: 19-20 '47.

VORONEZH—MUSIC FESTIVALS

Singing land. S. Rybakova, A. Fliarkovskii. Sov. muz. 20 no. 10:79-86 O '56.

VORONEZH—TELEVISION—STUDY AND TEACHING

Student television center at the Voronezh radio school. A. K. Radio no. 9:23 S '56.

VORONEZH PROVINCE—CORN (MAIZE)

Farm workers of Voronezh Province are fulfilling their obligations. V. I. Nikishov. Kukuruza 1 no. 4: 31-34 Jl '56.

VORONEZH PROVINCE—SUGAR INDUSTRY

For fulfillment of the sixth five-year plan for the development of enterprises of the Voronezh Sugar Beet Combine. N. K. Kantbolotskii, IA. I. Moreinis. Sakh. prom. 30 no. 7:5-9 Jl '56.

VORONOV, NIKOLAI

Youth of the storyteller ("Springtime." Nikolai Voronov. Reviewed by I. Grinberg). Znamia 26 no. 10:183-185 O '56.

VOSKRESENSKO, SERGEI LARIONOVYCH, 1906-

A word about our friend, the satirist, Fedir Makivchuk. Dnipro 30 no. 10:120-123 O '56.

VOVNIGI—CRANIOLOGY

Skulls from the Vovnigi late neolithic tombs. T. S. Kondukterova. Krat. soob. Inst. arkheol. AN URSR no. 6: 68-71 '56.

VOYAGES AND TRAVELS

Long journey; story about a flight to Japan. A. Sofronov. Ogonek 34 no. 42:22-26 O '56.

VOYAGES AND TRAVELS—BIBLIOGRAPHY see Bibliography—Voyages and travels

VOZHEGA DISTRICT—DISABLED—REHABILITATION, ETC.

Recommendations for work in agriculture. IU. Shilikov. Sots. obesp. 17 no. 9:27-30 S '56.

VULCANIZATION

Photovulcanization of butyl rubber and sodium butadiene rubber. IU. S. Zuev. Dokl. AN SSSR 110 no. 1:101-104 S-O '56.

Role of hydrogen disulfide in vulcanization. E. I. Tiniakova, E. K. Khrennikova, B. A. Dolgoplosk. Izv. AN SSSR. Otd. khim. nauk no. 9:1152-1154 S '56.

Role of redox systems in sulfuric vulcanization. E. I. Tiniakova, and others. Zhur. ob. khim. 26 no. 9:2476-2485 S '56.

VYCHEGDA RIVER—LAMPREYS

Lamprey eel in the Vychegda River. L. N. Solovkina. Trudy Komi fil. AN SSSR no. 2:188-189 '54.

VYCHEGDA VALLEY—PASTURES AND MEADOWS

Flood-land meadows of the Vychegda Valley. N. S. Kotelina. Trudy Komi fil. AN SSSR no. 2:33-39 '54.

VYSELKI—MOLLUSKS, FOSSIL

Mollusk fauna from the Neogene base well of Vyselki. A. A. Steklov. Trudy VNIGNI no. 6:109-143 '55.

VYSHNIA, OSTAP, 1889-1956

In memory of Ostap Vyshnia. Sov. Ukr. 6 no. 10:174 O '56.

The people's writer. IEvhen Kravchenko. Dnipro 30 no. 10:124-127 O '56.

WAGES

(see also subdivision under Germany, East; Norway; United States)

Automobile milage is the basic index. A. Eremenko. Sots. trud. no. 10:86-91 O '56.

Borodin, M. M., and others. [Wages in forestry] Oplata truda v lesnom khoziaistve. Moskva, Goslesbumizdat, 1956. 127 p.

Control over the expenditure of funds in the form of service awards to workers. P. Zel'manovskii. Bukhg. uchet 15 no. 9:12-13 S '56.

Control over the wage fund. B. Sigalov. Sots. trud. no. 10:98 O '56.

First conclusions. Sots. trud. no. 10:3-14 O '56.

In ministries and departments. Sots. trud. no. 10:93-97 O '56.

Increase the material interest of administrative workers of collective farms in higher cotton production. V. Kondakov, V. Lavrinenko. Khlopkovodstvo 6 no. 9: 20-24 S '56.

Kalpin, G. Z. [The organization and the wages of workers in machine-tractor stations] Organizatsiia i oplata truda rabochikh mashino-traktornykh stantsii. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva, vyp. 2, no. 6)

Measures to regularize wages in enterprises of the Ministry of Nonferrous Metallurgy of the U. S. S. R. Sots. trud. no. 10:46-50 O '56

Organization and wages in longwall mining. V. Skogorev. Sots. trud. no. 10:78-84 O '56.

Remuneration of labor depending on output. S. F. Eremin. Len. i konop. no. 7:5-8 S '56.

Shortcomings in the organization of wages in the "Glavmetallosbyt" system. V. Chernyshov. Sots. trud. no. 10:99 O '56.

Shortcomings in the wages of seagoing personnel of the fishing industry on Sakhalin. V. Kopytin. Sots. trud. no. 10:62-66 O '56.

Simplified initial forms for labor and wage accounting. N. A. Serdinova. Stroi. i dor. mashinostr. 1 no. 10: 30-31 O '56.

Study profoundly the new wage system. Sots. trud. no. 10:15-22 O '56.

System for meeting expenses connected with piece-rate payments of labor for construction workers. Biul. stroi. tekh. 13 no. 9:20-21 S '56.

Urgent problems in the organization of founders' wages. L. Lipkind. Sots. trud. no. 4:61-68 Ap '56.

Wages per ton of coal. Sots. trud. no. 10:67-78 O '56.

WALKING see subdivision under Kustanay Province

WALL NEWSPAPERS

(see also subdivision under Arctic regions; Estonia)

A school's wall newspaper. N. Nemakin. Prof.-tekh. obr. 13 no. 10:28 O '56.

We are concrete in our visual agitation. I. Klepikov. Blok. agit. no. 32:26-32 N '56.

WALLPAPER

Prober, P. V. [Manufacture of wall and decorative paper] Proizvodstvo oboev i dekorativnykh bumag. Moskva, Goslesbumizdat, 1956. 246 p.

WALLS

Erecting walls made of large brick blocks under cold weather conditions. L. N. Pitsko]. Nov. tekh. i pered. op. v stroi. 18 no. 10:10-12 O '56.

Heatproof walls. P. Studentsov, N. [illegible] SSSR no. 10:29-30 '56.

Strength of hollow-stone separation walls; experimental investigations. M. I. Karakurchi, [illegible] no. 7:83-100 '56.

Ushakov, F. V. [Thermotechnical properties of reinforced concrete walls] Teplotekhnicheskie svoistva [illegible] sten. Moskva, Gos. izd-vo literatury po stroitel'stvu, arkhitekture, 1956. 102 p.

WAR—ECONOMIC ASPECTS see subdivision under United States

WAR CRIMES TRIAL see subdivision under [illegible]

WAR MUSEUMS see Military museums

WAREHOUSES

Some problems in building harbor warehouses. A. Shaikin. Mor. flot 16 no. 10:[illegible]

WARSAW—CITY PLANNING

The center of Warsaw. S. Jankowski. [illegible] no. 10:40-44 '56.

WARSAW—COMMUNITY CENTERS

If you are in Warsaw, Gabriel Chelminski. [illegible] no. 18:6 S '56.

WARSAW—MUSIC FESTIVALS

International music festival. Sov. muz. [illegible] S '56.

WARSAW TREATY

Declaration of the government of the U. S. S. R. on principles for further developing and strengthening friendship and cooperation between the Soviet Union and other socialist countries. Nov. sovr. [illegible] no. 1-2 N '56.

WARSHIPS—VISITS TO FOREIGN PORTS

On a long cruise. N. Lunin. Voen. vosp. [illegible] S '56.

WARTS

Treating dry calluses, warts and hyperkeratosis of the foot. B. M. Lykin. Voen.-med. zhur. [illegible] Jl '56.

WASTE, DISPOSAL OF see Factory and trade wastes

WASTE LANDS see subdivision under Azerbaijan

WASTE PRODUCTS

Utilization of wastes of single-ply slate [illegible] stitutes. M. G. Marukhovskii, N. I. Zuev, [illegible] Pokarukaia. Leg. prom. 16 no. 9:28 [illegible]

WATCHES see Clocks and watches

WATCHMAKING see Clockmaking and watchmaking

WATER

Discussion of problems relative to the quality of water for liquor and vodka production. Spirt. prom. [illegible] 3:36-40 '56.

Water solubility in insulating oils. P. A. Lipshtein, E. N. Shtern. Khim. i tekh. topl. no. 11:46-54 [illegible]

WATER—ANALYSIS

(see also subdivision under Kirghizistan; Novosibirsk Province)

Absorption of ultraviolet rays by water. N. P. [illegible] na. Opt. i spektr. 1 no. 5:858-862 S '56.

Determining sulfates by the drop method. E. P. [illegible] skina, S. S. Shapiro. Elek. sta. 27 no. 9:55-56 S '56.

Free floating sampler. N. E. Skibko. Meteor. i gidrol. no. 8:50-52 Ag '56.

Hydrochemical characteristics of rivers in the Chu Basin. P. V. Denisov and others. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:123-126 '56.

Hydrochemical characteristics of rivers of the Issyk-Kul' Basin. P. V. Denisov and other. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 3:127-137 '56.

Hydrochemical regime of the water of the Great Chu Canal and its ionic content. V. Kadyrov, V. [illegible] Trudy Inst. vod. khoz. i energ. AN Kir. SSR [illegible] '56.

Role of the loess cover in the mineralization of thermal waters at the Dzhalal-Abad health resort. V. Kadyrov, S. A. Durov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 2:51-54 '55.

WATER—FLUORIDATION

Significance of fluorine in potable water in the development of endemic goiter. S. N. Cherkinskii, R. M. Slavskaia. Probl. endok. i gorm. 2 no. 4:70-75 Jl-Ag '56.

WATER—POLLUTION

(see also subdivision under Donets Basin; Stalingrad Reservoir)

Effective method for combating pollution of water basins having significance in the national economy. IA. S. Basharat'ian. Neftianik 1 no. 10:12-13 O '56.

Problems in the hygiene of water, water supply and sanitation of waters, discussed at the Eighth Congress of Hygienists, Epidemiologists, Microbiologists and Specialists in Infectious Diseases. S. N. Cherkinskii. Gig. i san. 21 no. 10:3-10 O '56.

WATER—POLLUTION (Continued)
Protection of natural waters. A. I. Dzens-Litovskii. Priroda 45 no. 11:10-24 N '56.
Tasks in the sanitary protection of the bodies of water. T. E. Nagibina. Okhr. prir. i zapov. delo v SSSR no. 1: 36-46 '56.

WATER—PURIFICATION
Intensifying the liming process of boiler water by means of a reactor. P. T. Sverbil'. Neftianik 1 no. 8:27 Ag '56.
Using coagulants for water processing. I. A. Driz. Spirt. prom. 22 no. 3:27-28 '56.
Using sodium silicate for speeding up the process of coagulation. N. Litvinov. Zhil.-kom. khoz. 6 no. 5: 29 '56.

WATER—SOFTENING
Calculating the amount of reagents needed by soda-regenerative water softeners. I. F. Shapkin. Energ. biul. no. 10:30-31 O '56.

WATER, UNDERGROUND
(see also subdivision under Chu Valley; Dnieper Lowland; Donets Basin; Kolyshan; Krivoy Rog Basin; Rumania; Syr Darya Valley; Ural Mountain region; Volga Valley)
Application of electrical methods to prospecting for fresh waters in semiarid regions. O. A. Domidovich. Razved. i okh. nedr 22 no. 9:34-43 S '56.
Flow of ground water into a river drainage channel enclosed with water impermeable sheet pile walls. F. B. Nel'son-Skornikov. Gidr. stroi. 25 no. 9: 44-47 O '56.
Results of using geobotanical methods in hydrogeological investigations in Chernozem regions. L. S. Domidova and others. Trudy VAGT no. 1:61-70 '55.
Some results of the scientific and practical work of hydrogeological stations and future trends of their activity. E. G. Chapovskii. Razved. i okh. nedr 22 no. 9:44-51 S '56.
Sukharev, G.M. [Fundamentals of oil-field hydrogeology] Osnovy neftepromyslovoi gidrologii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 330 p.
Using applied geophysics in drilling for water by the rotary drilling method. P. IA. Avrov, I. B. Dal'tan. Razved. i okh. nedr 22 no. 8:47-49 Ag '56.
Using geobotanical methods for hydrogeological investigations in deserts and semideserts. E. A. Vostokova. Trudy VAGT no. 1:44-60 '55.

WATER BIRDS
(see also subdivision under Archangel Province; Manych-Gydilo, Lake)
Muskrats and waterfowl. A. Shilo. Okh. i okh. khoz. no. 10:23-24 O '56.

WATER-COLOR PAINTING—EXHIBITIONS see subdivision under Moscow

WATER FLIES see Flies

WATER GAS
Methanation of water gas for city gas production. V. S. Al'tshuler, V. V. Lobedev. Gaz. prom. no. 11:17-21 N '56.

WATER HEATERS
Gas-fired water heater. I. Sheliud'ko, B. Lushchevskii. Zhil.-kom. khoz. 6 no. 5:26-28 '56.
Improving the design and thermal characteristics of shell and tube water heaters. R. P. Sazonov. Prom. energ. 11 no. 10:14-17 O '56.
Water-and-oil heater. N. Davydov. Prof.-tekh. obr. 13 no. 10:11-12 O '56.

WATER IN THE BODY
Water metabolism in chick embryos. A. M. Shcheglov. Shor. trud. Khar'. vet. inst. 20:46-55 '40.

WATER METERS—STANDARDS
Standardization of water meters used in homes and apartments in Germany and in the U. S. A. S. S. Kivilis. Standartizatsiia no. 4:77-79 Jl-Ag '56.

WATER ON THE BRAIN see Hydrocephalus

WATER RESOURCES DEVELOPMENT
Bliznlak, E. V. [Hydraulic engineering survey] Gidrotekhnicheskie izyskaniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 267 p.
"Study and utilization of water power resources of the U. S. S. R." S. S. Cinko. Reviewed by A. I. Chebotarev. Meteor. i gidrol. no. 9:59-60 S '56.

WATER SPORTS see subdivision 'Aquatic sports' under Poland

WATER SUPPLY
(see also subdivision under Lvov Province)
Drachev, S. M. [Reservoirs and canals as sources of water supply for manufacturing and domestic purposes] Vodokhranilishcha i kanaly kak istochniki khoziaistvenno-pit'evogo vodosnabzheniia. Moskva, Gos. izd-vo med. lit-ry, 1956. 254 p. (Biblioteka sanitarnogo vracha i epidemiologa) (DAFM)
Some results of the scientific and practical work of hydrogeological stations and future trends of their activity. E. G. Chapovskii. Razved. i okh. nedr 22 no. 9:44-51 S '56.

WATER SUPPLY, RURAL
Ovodov, V. S. [Examples for calculations for the rural water supply and sewage] Primery raschetov po sel'skokhoziaistvennomu vodosnabzheniiu i kanalizatsii. Moskva, Gos. izd-vo selkhoz lit-ry, 1955. 303 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)

WATER-SUPPLY ENGINEERING
Calculating the outlets of water-conducting installations accounting for storage. L. G. Rabukhin. Soob. AN Gruz. SSR 17 no. 7:629-636 '56.
Nize, V. E. [Automatization and dispatching in water supply systems] Avtomatizatsiia i dispetcherizatsiia sistem vodosnabzheniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 241 p.

WATER TRANSPORTATION, INLAND see Inland water transportation

WATERMELONS see Melons

WATERPROOFING
Mechanizing the work of preparing and delivering hot asphalt-bitumen waterproofing. V. G. Klement'ev. Mekh. stroi. 13 no. 9:22-24 S '56.

WATERS, CARBONATED see Carbonated waters

WATERSHEDS
Calculating active watershed areas. A. M. Basin. Meteor. i gidrol. no. 9:36-39 S '56.

WATT-HOUR METER
Choice of current transformers for supply meters. N. G. Vostroknutov. Energetik 4 no. 10:38-39 O '56.

WAVE GUIDES
Influence of a semiconducting film on attenuation of radio waves in a waveguide of circular cross section. V. V. Malin. Radiotekh. i elektron. 1 no. 1:34-37 Ja '56.
Measuring small attenuations by use of double T-pieces. A. N. Akhiezer. Izm. tekh. no. 4:34-37 Jl '56.
Methods of measuring the intensity of electric fields in resonators and wave guides at superhigh frequencies. S. I. Tetel'baum, G. I. Gladyshev, G. N. Repoport. Shor. trud. Inst. elektrotekh. AN URSR no. 12:108-114 '55.

WAVE MECHANICS
On the theory of collisions between electrons and atoms (with English summary in insert). G. F. Drukarev. Zhur. eksp. i teor. fiz. 31 no. 2:288-301 Ag '56.
Reduction of wave equations for spin 0 and 1 to the Hamiltonian form. F. I. Fedorov. Zhur. eksp. i teor. fiz. 31 no. 1:140-142 Jl '56.
Total dipole forces of two-electron atoms calculated with an approximation for the incomplete division of variables. A. P. Jucys and others. Opt. i spektr. 1 no. 5: 601-605 S '56.

WAVES
Analysis of measurements of the highest wind-induced waves in the ocean. V. V. Shuleikin. Dokl. AN SSSR 110 no. 1:53-56 S-O '56.
New foreign studies on wind waves. IU. M. Krylov. Meteor. i gidrol. no. 9:49-54 S '56.
Sea waves. K. K. Giul'. Uch. zap. AGU no. 1:53-66 '55.
Shuleikin, V. V. [The theory of ocean waves] Teoriia morskikh voln. Moskva, Izd-vo Akademii nauk SSSR, 1956. 141 p. (Akademiia nauk SSSR. Morskoi gidrofizicheskii institut. Trudy, vol. 9)
"Wave processes, optics, elements of nuclear physics." A. A. Chechulin. Reviewed by T. Opt. i spektr. 1 no. 3: 444-445 Jl '56.
Wavemeter rod in a fixed base. A. N. Afanas'ev, N. V. Mamontov. Meteor. i gidrol. no. 8:52 Ag '56.

WAXES
Percolation refining of paraffin slack wax before removing oil from it. Z. A. Bernadiuk. Neftianik 1 no. 9:8 S '56.

WEAPONS see Firearms

WEAR, MECHANICAL see Mechanical wear

WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS
Atmospheric ions and the body. M. A. Vytchikova. Zdorov'e 2 no. 10:4-5 O '56.
Morphological and functional changes in the organism as affected by climatic factors in the dry subtropics of the Turkmenian S. S. R. V. I. Sukharev. Uch. zap. MGPI 84:135-169 '55.

WEATHER FORECASTING see subdivision under Minsk

WEAVING
MSh-5 machine for weaving mats. A. A. Omel'chenko, L. A. IUshchenko. Sel'khozmashina no. 9:12-14 S '56.

WEDDINGS see Marriage customs and rites

WEED CONTROL
(see also subdivision under Ukraine)
Biological control of weeds. V. V. Alpatov. Priroda 45 no. 10:96 O '56.
How we cultivate weedy soils. S. M. Migalovskii. Kartofel' no. 4:42-43 S-O '56.
Subsoiling and weeds. L. D. Chistiakova. Sel'khoz. Povol. no. 9:29-31 S '56.

WEIGHING MACHINES
Weighing equipment in railroad transport. S. I. Gauzner. Izm. tekh. no. 4:95-97 Jl-Ag '56.

WEIGHT LIFTING
(see also subdivision under Shanghai)
Russia (1923- U.S.S.R.) Komitet po fizicheskoi kul'ture i sportu. [Weight lifting] Tiazhelaia atletika. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 19 p.

WEIGHTS AND MEASURES
First exercises in measurement for the first grade. R. Abailaev. Nach. shkola 24 no. 10:48 O '56.

WEIL'S DISEASE
Neuropsychic disorders in leptospiral jaundice. I. Z. Kopshitser. Klin. med. 34 no. 9:78-83 S '56.

WELDING
Decreasing the concentration of stresses in the joints of welded bridge spans. K. P. Bol'shakov. Trudy TSNIIS no. 20:6-85 '56.
The effect of some technical defects in making welded joints on their resistance to vibration. A. I. Kedrov. Trudy TSNIIS no. 20:163-202 '56.
Galaktionov, A. T. [Aid to the welder of the machine-tractor station] V pomoshch' svarshchiku MTS. Moskva, Mashgiz, 1955. 123 p. (Biblioteka mekhanizatora sel'skogo khoziaistva) (DA)
On designing single-bolt joints for welded elements of bridge spans. I. A. Moiseev. Trudy TSNIIS no. 20: 203-216 '56.
Strength of welded structural elements for bridges subjected to alternating and reversed stresses. B. N. Duchinskii. Trudy TSNIIS no. 20:86-162 '56.

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—QUALITY CONTROL
Developing and investigating a magnetographic method used for the quality control of welded joints. A. S. Fal'kevich and others. Trudy VNIISTROINEFT' no. 7: 75-85 '56.

WELDING—TESTING
Methods of testing welded joints in ship hull construction for the formation of cracks. K. G. Nikolaev, B. A. Gololobov. Svar. proizv. no. 9:9-12 S '56.
Resistance to vibration and the statics of welded joints made of Bessemer steel. I. A. Moiseev. Trudy TSNIIS no. 20:217-244 '56.

WELDING, ELECTRIC see Electric welding

WELDING RESEARCH
Coordination of scientific research work on welding. A. I. Krasovskii. Svar. proizv. no. 9:30 S '56.

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—TREES—DISEASES AND PESTS
Fungus diseases and mycorhiza of the main tree varieties of West Kazakhstan Province. S. R. Shvartsman, N. M. Leonova. Trudy Inst. bot. AN Kazakh. SSR 1:146-176 '55.

WHALING
Toilers of the sea. V. Rudyi. Rad. zhin. 11 no. 10: 30 O '56.

WHEAT
(see also subdivision under Crimea; Kazakhstan; Ufa Province)
Cessation of fall growing of winter wheat. V. M. Maryinov. Priroda 45 no. 11:124 N '56.
Effect of azotobacterin on the grain quality of wheat. V. V. Pinevich. Agrobiologiia no. 5:92-94 S-O '56.
Effect of fertilizers on the development of characteristics in wheat and tomato hybrids. S. O. Grebinskii. Dop. ta pov. L'viv. un. no. 3, pt. 2:18-19 '52.
Effect of various nitrogen fertilizers on the yield of winter wheat. I. V. Mosolov, N. A. Dmitrieva, V. F. Skvortsov. Ud. i ur. 1 no. 10:42-43 O '56.
Investigating the possibility of cultivating hard wheat in non-Chernozem regions. V. A. Pronin. Vest. Mosk. un. 11 no. 6:81-85 Je '56.
Kuperman, F.M. [Biological principles in wheat growing] Biologicheskie osnovy kul'tury pshenitsy. [Moskva] Izd-vo Moskovskogo univ.
Vol. 3. [Morphophysiological methods of studying wheat species. Biological control of wheat plantations] Morfofiziologicheskie priemy issledovaniia vidov pshenitsy. Biologicheskii kontrol' za posevami pshenitsy. 1956. 279 p.

WHEAT (Continued)

Reasons for the loss of winter wheat and some means of avoiding it. A. G. Pichkin. P. D. Riabushko. Zemledelie 4 no. 10:49-54 O '56.

WHEAT—DISEASE AND PEST RESISTANCE

Resistance of hard wheat hybrids to the frit fly. A. F. Sazlyadin, V. T. Manziuk. Agrobiologiia no. 5:22-29 S-O '56.

WHEAT—VARIETIES
(see also subdivision under Crimea; Transcaucasia)

Red Grain Moscow wheat. V. E. Pisarev, M. D. Zhilkina. Sel. i sem. 21 no. 4:22-26 '56.

WHEAT BREEDING

Effect of the selection of parent plants on the quality of grain. M. M. Samsonov, E. N. Zharova. Sel. i sem. 21 no. 4:49-52 '56.

Types of durum winter wheat. A. A. Ukolov. Sel. i sem. 21 no. 4:13-16 '56.

WHEELS

History of the wheel and the bearing. Z. Perlia. Znan. sila 31 no. 10:6-9 O '56.

Lario, T. V., and others. [Seamless rolled wheels for railroad cars] TSel'nokatannye zheleznodorozhnye kolesa. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 187 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 124)

WHEY

Removal of nonsugars from whey in the production of sugar of milk. A. A. Rozanov, L. N. Sokolova. Trudy VNIIS no. 3:100-104 '55.

WHITE ANTS see subdivision 'Termites' under Soviet Central Asia

WHITE CLOVER see subdivision under Azerbaijan

WHITE RUSSIA—BITTERN

The water bittern. V. TSikhanovich. Belarus' 13 no. 10 21 O '56.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

Criticism and self-criticism is the right way to eliminate shortcomings in work. Komm. Bel. 29 no. 10:2-8 O '56.

Party news. Komm. Bel. 29 no. 10:95-96 O '56.

WHITE RUSSIA—CORN (MAIZE)

Lupinovich, LS., and A. L. Lappo, eds. [Corn; a manual on the cultivation of corn in White Russia] Kukuruza; rukovodstvo po vozdelyvaniiu kukuruzy v BSSR. Minsk, Gos. izd-vo BSSR, 1956. 283 p.
(DA)

WHITE RUSSIA—CULTURE

Brief news. Polymia 34 no. 10:159-160 O '56.

In White Russia. Sov. otch. no. 5:140-144 S-O '56.

WHITE RUSSIA—ECONOMIC CONDITIONS

In White Russia. Sov. otch. no. 5:140-144 S-O '56.

WHITE RUSSIA—EDUCATION, HIGHER

Raise the level of teaching social sciences and educational training in the institutions of higher education in White Russia. T. Gorbunov. Komm. Bel. 29 no. 10:9-19 O '56.

WHITE RUSSIA—HUNTING

How do you get ready for hunting? M. Ingor. Okh. i okh. khoz. no. 10:4-5 O '56.

WHITE RUSSIA—NEWSPAPER AND PERIODICAL CIRCULATION

Problems in supply and handling orders in the retail trade. I. Lukashevich. Raspr. pech. no. 9:11 S '56.

WHITE RUSSIA—REPATRIATION

Back home. B. Mariynau. Belarus' 13 no. 10:14-15 O '56.

WHITE RUSSIA—REVOLUTION, 1917-1921

Documents about the Great October Socialist Revolution in White Russia. Komm. Bel. 29 no. 10:29-36 O '56.

WHITE RUSSIA—STOCK AND STOCKBREEDING

Prepare well and carry out successfully livestock wintering. Komm. Bel. 29 no. 10:52-57 O '56.

WHITE RUSSIAN HISTORICAL FICTION see Historical fiction, White Russian

WHITE RUSSIAN LANGUAGE

Karskii, E. F. [White Russians; the language of the White Russian people] Belorusy; iazyk belorusskogo naroda. Moskva, Izd-vo Akademii nauk SSSR, 1956. 2 v. in 1 (517 p.)

Pt. 2. [Historical sketch of word formation and word changes in the White Russian language] Istoricheskii ocherk slovoobrazovaniia i slovoizmeneniia v belorusskom iazyke.

Pt. 3. [Study of the syntax of the White Russian language] Ocherki sintaksisa belorusskogo iazyka.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

About exactingness. F. Kuleshov. Sov. otch. no. 5:125-136 S-O '56.

At the sources of White Russian democratic literary criticism; 1906-1916. S. Karaban. Polymia 34 no. 10:143-152 O '56.

From the literary past. I. Bas. Belarus' 13 no. 10:28 O '56.

Ivashin, V. V. [M. Gor'kii and White Russian literature at the beginning of the 20th century] M. Gor'kii i belorusskaia literatura nachala XX veka. Minsk, Izd-vo Akademii nauk BSSR, 1956. 197 p.

WHITE SEA

Chernovskaia, E. N. [Hydrological and hydrochemical characteristics of the littoral zone of the eastern Murman Coast and the White Sea] Gidrologicheskie i gidrokhimicheskie usloviia na litorali Vostochnogo Murmana i Belogo moria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 113 p.

WHITEFISHES
(see also subdivision under Baikal, Lake; Sevan, Lake)

Artificial cultivation of whitefish (Coregonus nasus). V. A. Kravchuk, S. M. Sesiagin. Ryb. khoz. 32 no. 9:89 S '56.

WHITEFISHES—PARASITES see Parasites—Whitefishes

WHOLESALE TRADE

Cooperation between trade and industry. M. Darbinian. Sov. torg. no. 9:7-11 S '56.

More concern for jobbing operations. A. Gorelkin, L. Ostrovskii. Sov. torg. no. 9:1-6 S '56.

WILD LIFE, CONSERVATION OF
(see also subdivision under Arctic regions; Soviet Far East)

Animal kingdom of the U. S. S. R. and its conservation. G. P. Dement'ev. Okhr. prir. i zapov. delo v SSSR no. 1:79-87 '56.

Parasitology and conservation of acclimatized and indigenous animals. V. B. Dubinin. Okhr. prir. i zapov. delo v SSSR no. 1:88-95 '56.

WILDAU, GERMANY—TECHNICAL EDUCATION

Industrial practice in the Technical School of Heavy-Duty Machine Construction in Wildau (German Democratic Republic). Artur Liebmann. Sred. spets. obr. no. 11:58-60 N '55.

WILLOWS

Wintering characteristics and state of the diapause of Chinese tussah moth feeding as larvae on the leaves of gray willow (Salix cinerea). K. V. Karlash. Trudy Inst. zool. AN URSR 13:35-44 '56.

WILSON, MITCHELL A.

Alongside but not together ("My brother, my enemy," M. Wilson. Reviewed by M. Druzina). Neva no. 9: 193-194 S '56.

Davy Mallory, a scientist ("My brother, my enemy," Mitchell Wilson. Reviewed by N. Tochenova). Ogonek 34 no. 40:29 S '56.

Science in the dollar world ("My brother, my enemy," Mitchell Wilson. Reviewed by G. Ryklin). Nauka i zhizn' 23 no. 10:59-60 O '56.

WINCHES

Mechanized unloading and sorting of lumber with the TL-3 winch. V. I. Shutnikov. Les. prom. 34 no. 10:10 O '56.

Methods for determining skidding winch production norms. M. M. Bykov. Les. prom. 34 no. 10:11-12 O '56.

Testing pneumatic belt clutches. V. N. Golovko. Vest. mash. 36 no. 10:22-25 O '56.

WIND POWER

Wind power engineering in other countries. V. N. Andrianov, V. R. Sektorov. Elektrichestvo no. 10: 87-89 O '56.

WINDBREAKS, SHELTERBELTS, ETC.
(see also subdivision under United States)

Petukhov, V. M. [Collective farm foresters; progressive practices in growing shelterbelts] Kolkhoznye lesovody; peredovoi opyt vyrashchivaniia polezashchitnykh lesnykh polos. Rostov[na-Donu. Rostovskoe kn-vo, 1953. 31 p. (Biblioteka kolkhoznika)
(CU)

WINDLASS

From the pages of newspapers. Ryb. khoz. 32 no. 10: 92-93 O '56.

Windlass for hauling seines and driving cable conveyers in the fisheries of Azerbaijan. I. Sh. Tiuktiaev. Ryb. khoz. 32 no. 10:21-24 O '56.

WINDOW DRESSING see Show windows

WINDOW-GARDENING

Raising lemons indoors. N. I. Dubrovitskaia, A. N. Kronke, B. IU. Murinson. Biul. Glav. bot. sada no. 24:19-30 '56.

WINDOWS

Precast reinforced concrete frames for window openings S. Kh. Faitel'son. Biul. strof. tekh. 13 no. 9:10-12 S '56.

Window frame made of lightweight concrete. [illegible] kin, A. Liberman. Arkhit. i stroi. Mosk. [illegible] 31-32 O '56.

WINDOWS—STANDARDS

Changes in the All-Union State Standards. [illegible] tekh. 13 no. 9:27 S '56.

WINDS
(see also subdivision under Russia, Southern)

Interdepartmental conference on the study of [illegible] ditions in the U. S. S. R. L. E. Anapol'skaia. [illegible] gidrol. no. 8:65-66 Ag '56.

Maximum wind acceleration in nealba. V. S. [illegible] Meteor. i gidrol. no. 9:32-33 S '56.

Some characteristics in forecasting winds [illegible] water basins. A. I. Grigor'ev. Trudy [illegible] '56.

Variability of wind direction. S. L. Kreichman. [illegible] Geofiz. inst. no. 33:48-59 '56.

WINE AND WINE MAKING

Improve the planning of wine marketing. A. M. [illegible] Vin. SSSR 16 no. 5:45 '56.

New stage reached in the development of the wine [illegible] try. Vin. SSSR 16 no. 5:1-4 '56.

"Selected works on wine making." M. A. Gerasimov. Reviewed by P. N. Ungurian. Vin. SSSR 16 [illegible] '56.

Studying the effect of wine on the corrosion of [illegible] A. V. Avdeev, V. D. Orlova. Vin. SSSR 16 [illegible]

Work of the Institute of Viticulture and Wine Making of the Academy of Sciences of the Georgian S. S. R. [illegible] RAmishvili. Vin. SSSR 16 no. 5:55-56 '56.

WINE AND WINE MAKING—ACCOUNTING

Accounting for expendable and inexpensive articles. IA. Pazychev. Buikg. uchet 15 no. 9:30-32 S '56.

WINE AND WINE MAKING—ANALYSIS

Determining arsenic in grape wines. R. I. Malyshev. Vin. SSSR 16 no. 5:17-19 '56.

Methods of determining organic acids in [illegible] A. K. Rodopulo. Vin. SSSR 16 no. 5:8-11 '56.

WINE AND WINE MAKING—APPARATUS AND [illegible]
(see also subdivision under Moldavia)

AB-3 machine for the automatic rejection of [illegible] A. M. Pavlovskii. Vin. SSSR 16 no. 5:46-48 '56.

Machine for washing casks (Brewers Guardian [illegible] Vin. SSSR 16 no. 5:52-53 '56.

Machine shop is serving the wine industry. A. S. [illegible] gov. Vin. SSSR 16 no. 5:58 '56.

Piston pumps for removing grape pomace from [illegible] L. I. Tuman'iants. Vin. SSSR 16 no. 5:49 '56.

Semiautomatic apparatus for putting bottles into [illegible] and taking them out (Brewers Guardian no. 8 [illegible] Vin. SSSR 16 no. 5:54 '56.

Ultraviolet rays for sterilizing wine containers (Industries Alimentaires et Agricoles no. 5 1955). Vin. [illegible] 16 no. 5:54 '56.

WINE AND WINE MAKING—BIBLIOGRAPHY see Bibliography—Wine and wine making

WINGS

Origin and development of insect wings. Part 3. Mesothorax of May flies (Ephemeroptera) and the evolution of the flying apparatus of the insects. E. G. Bekker. Vest. Mosk. un. 11 no. 6:105-110 Je '56.

WINTER see subdivision under Russia, Southern

WIRE

Designing drives for wire reelers on wire-rod mills. B. N. Bukhvatov. Trudy Ural. politekh. inst. [illegible] 152-156 '53.

Temperature of wires in the process of drawing. F. V. Pal'mov. Trudy Ural. politekh. inst. no. 45:78-[illegible]

WIRE—TESTING

Mechanical properties of work-hardened steel wire. K. I. Tulenkov, M. I. Zlotnikov, S. F. Bobyleva. Stal' 16 no. 9:821-825 S '56.

WIRE-ROPE TRANSPORTATION see Cableways

WIRELESS TELEPHONE see subdivision 'Telephone, Wireless' under Germany, East

WIREWORM

Testing new chemicals against wireworms in England and America. V. V. IAkhontov. Zashch. rast. ot vred. i bol. 1 no. 4:53 S-O '56.

WOLF, FRIEDRICH, 1888- —BIBLIOGRAPHY see Bibliography—Wolf, Friedrich, 1888-

WOLVES see subdivision under Penza Province

WOMEN see subdivision under Kirghizistan; Korea, North

WOMEN—CONGRESSES see subdivision under Moscow

WOMEN—EMPLOYMENT

For working mothers. Rabotnitsa 34 no. 11:5 N '56.

Rights of women workers. Giuseppe Boglietti. Vopr. prof. dvizh. no. 9 insert:10-11 S '56.

WOMEN—RIGHTS OF WOMEN

[illegible] working mothers. Rabotnitsa 34 no.11:6 N '58.

[illegible] legislation, in interview with N. Spiridonova. Sov. zhenshchina 11 no.12:11-13 D '58.

WOMEN AS ATHLETES

[illegible] abroad. Fiz. kul't. i sport 30 no.10:24 O '57.

WOMEN AS LAWYERS

[illegible] legislation. Sbornik zakonodatel'stva [illegible] 12 no.11:20-21 N '58.

WOOD

Results of work of the geographical [illegible] in the Soviet [illegible] A. V. Grigor'ev. Izv. Vses. geog. ob-va 90 no.3:254-[illegible] My-Je '58.

[illegible] Kuybyshevskii [illegible] of selection of priority species, 1st issue] Studies in the strength and deformation characteristics of wood, a collection of articles] Issledovaniia prochnosti i deformatsionnoi chuvstvitel'nosti drevesiny, sbornik statei. Pod red. S.S. Kalinina. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1958, 171 p.

WOOD—CHEMISTRY

[illegible] of the thermal conductivity of pure wood [illegible] in the "Parallel" Plane. A. A. Gusev, N. A. [illegible] and [illegible] Inzh.-fiz. zhur. 1 no.12:20-[illegible] D '58.

[illegible] filler for wood pigment for the paper industry. [illegible] Tsvet. metally, v. 32, no.1, 1959. S. I. Dain, prim. 32 no.8:80 Ag '59.

[illegible] of wood of Armenia taken as raw material for the sugar industry. I. M. Dzhanpoladian, K. I. Melkonian. Izv. Ak. Arm. SSR. Biol. i sel'khoz. nauki 12 no.5:103-107 '59.

WOOD DRYING see Lumber—Drying

WOOD PRESERVATIVES

[illegible] of the fungicidal properties of the quality control of wood [illegible] Lesn. prom. 7 no.10:11-14 O '57.

WOOD—STRENGTH

Gol'dshtein, B. M. [The strength of wood cut with the grain] Prochnost' drevesiny, vyrezannoi vdol' volokon. Kiev, 1958. 90 p. Mashinnyi rezhim. (MIRA 12:1)

[illegible] A. P. Pavlov. Gidr. i mel. 10 no.7:[illegible] Jl '58.

WOOD DISTILLATION

[illegible] of wood plant for distillation of wood, V. V. [illegible] and V. Gorshkov. Gidroliz i lesokhim. prom. 9 no.5:12-13 '56.

[illegible] Gidroliz i lesokhim. prom. 7 no.6:10-11 '54.

[illegible] Gidroliz i lesokhim. prom. 9 no.4:11-12 '56.

WOOD DRYING

[illegible] Gidroliz i lesokhim. prom. 9 no.8:13-14 '56.

WOOD PULP

[illegible] Bum. prom. 33 no.10:24-25 O '58.

WOOD WASTES

Distillation [illegible] Gidroliz i lesokhim. prom. 7 no.3:13-14 '54.

[illegible] Gidroliz i lesokhim. prom. 9 no.4:11-12 '56.

WOODCUTTERS

Kuznetsov, N. M. [The strength of wood cut with the grain] Prochnost' drevesiny, vyrezannoi vdol' volokon. Kiev, 1958. 90 p. Mashinnyi rezhim. (MIRA 12:1)

[illegible] A. P. Pavlov. Gidr. i mel. 10 no.7:[illegible] Jl '58.

WOODCUTTING MACHINES

[illegible] Gidroliz i lesokhim. prom. 9 no.4:11-12 '56.

[illegible] Gidroliz i lesokhim. prom. 9 no.8:13-14 '56.

WOODEN BUILDINGS

[illegible] Gidroliz i lesokhim. prom. 9 no.5:12-13 '56.

WOODEN PIPES see Pipes, Wooden

WOODWORKING INDUSTRY

"Principles of interchangeability in the woodworking industry." A. V. Kolikov. Reviewed by S. B. Marshak. Der. prom. 7 no.10:25 O '58.

Trattel'man, G. IA. [Pneumatic tube transportation in woodworking enterprises] Pnevmaticheskii transport na derevoobrabatyvaiushchikh predpriiatiiakh. Moskva, Goslesbumizdat, 1958. 80 p.

WOODWORKING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Woodworking Industries

WOODWORKING INDUSTRIES—SAFETY MEASURES

Nikulin, L.I. [Fundamentals of safety engineering in the wood industry] Osnovy tekhniki bezopasnosti v lesnoi promyshlennosti i lesnom khoziaistve. Moskva, Goslesbumizdat, 1958, 320 p.

WOODWORKING MACHINERY

[illegible] kinematic diagram and the performance of wood-working machines. S. V. Maksyakin. Der. prom. 7 no.10:11-12 O '58.

WOOL

Beyond wool clips. M. M. Kalbova. Sotsialisticheskoe zem. 8 no.9:[illegible] S '58.

[illegible] beam from abroad. A. L. Pakshver. Sotsialisticheskoe zem. 8 no.44:4 N '58.

Wool from full shearing of sheep and its industrial use. A. S. Kantsepol'skii. Sotsialisticheskoe zem. 8 no.11:3-5 N '58.

WOOL—GRADING

Wool of Karakul sheep and its industrial uses. A. N. Kantsepol'skii, A. I. Pelgin. Kar. i push. 9 no.5:20-24 S-O '58.

WORK

Social character of work under socialism. A. Likshin. Vop. ekon. no.6:16-28 '58.

Effect of dynamic work on muscular capacity in cases of various ages. M. F. Maksyukova. Fiziol. zhur. [Ukr.] 4 no.4:443-51 Jl-Ag '58.

The strongest weapon in life. E. Maslova. Neva no.8:[illegible] '58.

WORK, METHODS OF

Exploiting progressive work methods. I. Gaidaev. Sov. torg. no.4:33-39 Ap '58.

WORKBENCHES AND GARDENS

What are the regulations for setting up a horticultural collective for workers and employees? M. Bashir. Biv. sel'sk. khoz. no.11:32-36 '58.

WORKER CONDITIONS

Strict attention to the most important aspects of production. A. Baturenko. Sov. profsoiuzy 4 no.10:30-31 O '58.

An effective way of spreading the experience of leading workers. M. Ilinova. Sov. profsoiuzy 4 no.10:55-58 O '58.

A valuable debate in the spirit of socialist competition. I. Stepanov. Sov. profsoiuzy 4 no.10:37-39 O '58.

Kotsubeev, A. [Production conferences at enterprises] Proizvodstvennye soveshchaniia na predpriiatiiakh. [Moskva] Izd-vo VTsSPS Profizdat, 1958. 78 p.

This is a booklet for the agitator who works also in the shop.

What workers receive as pay for work. V. Vasil'ev. Sov. profsoiuzy 4 no.10:24-25 O '58.

WORLD FEDERATION OF TRADE UNIONS

The W. F. T. U. delegation at the 23d session of the U. N. Economic and Social Council. Vestn. prof. dvizh. no.8:[illegible] '56.

W. F. T. U. urges the establishment of an economic commission for Africa. Vestn. prof. dvizh. no.2 (issue 11):12 F '58.

WORLD PEACE COUNCIL

Editorial mail. Nov. vrem. 14 no.44:30 O '58.

WORLD POLITICS

Brief news. Nov. vrem. no.11:37 N '58.

Downfall of the colonial system of imperialism and new relations among countries. A. Arzinov. Vop. ekon. no.10:3-23 O '58.

"Downfall of the Munich policy, 1918-1939." V. A. Matveev. Reviewed by Yu. V. Arutiunian. Vop. ist. no.9:174-177 S '58.

General trend. Nov. vrem. 14 no.45:1-2 O '58.

Peaceful coexistence and international law. G. I. Tunkin. Sov. gos. i pravo no.7:3-13 '58.

Powerful world system. S. Komarkov. Dal'. vost. 2:4 no.4:143-149 Jl-Ag '58.

World events. Nov. vrem. 14 no.43:32 O '58.

World events. Nov. vrem. 14 no.44:32 O '58.

World events. Nov. vrem. 14 no.45:32 N '58.

World events. Nov. vrem. 14 no.45:31-32 N '58.

WORLD WAR, 1914-1918 see European War, 1914-1918

WORLD WAR, 1939-1945 see subdivision under Brest; Czechoslovakia; Poland; Sevastopol

WORLD WAR, 1939-1945—CONFISCATIONS AND CONTRIBUTIONS

Telegrams from Rumanian scholars. Vest. AN SSSR 28 no.9:75-5 '58.

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

Failure of imperialist plans to determine the Polish-Soviet frontier at the time of the Second World War. A. M. Shlegakov. Nauk. zap. Inst. ist. AN URSR 7:3 306-201 '56.

WORLD WAR, 1939-1945—FICTION

During the days of the great battle ("Sergeant Pavlov's house." L. Saver'iev. Reviewed by I. Aleksandrov). Voen. znan. 33 no.8:30 Ag '58.

Stories on war days ("Expectation; an officer's notebook." B. Zubavin. Reviewed by V. Grechishnikov). Voen. znan. 34 no.8:30 Ag '58.

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

In the name of life; from the notes of an army doctor (to be continued). V. Giller. Zdorov'e 30 no.10:23-25 O '58.

In the name of life; from the notes of an army doctor (conclusion). V. Giller. Zdorov'e 30 no.11:17-19 N '58.

Medical workers of the Brest fortress. B. Sudenov. Sov. kazakhstan 8 no.5:30-39 S-O '58.

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, RUSSIAN see subdivision under Germany

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS (see also subdivision under Slovakia)

Brinskii, A.P. [On the other side of the front; recollections of a partisan] Po tu storonu fronta; vospominaniia partizana. Literaturnaia zapis' B. Pil'nika. [Izd. 2-oe, dop. i perer.] [Gor'kii] Gor'kovskoe kn-vo, 1958. 512 p.

Iaventsev, Viktor. [Partisan country; as told to Rygor Nekhai] Partizanskii kart; literaturnaia zapis' Rygora Nekhaia. [Bop. i perer. izd.] Minsk, Gos. izd-vo BSSR, 1958. 303 p.

Participation of the Poles, Czechs, and Slovaks in guerrilla fighting during the Great Patriotic War of the Soviet Union in the Ukraine and White Russia. V. I. Bibikov. Nauk. zap. Inst. ist. AN URSR 7:83-101 '56.

WORMS, INTESTINAL AND PARASITIC

Effect of phenothiazine on helminthiasis of the alimentary tract in sheep. B. Volobaev. Dokl. AN Tadzh.SSR no.17:45-51 '59.

Leikina, E.A. [The most important human helminthiases] Vazhneishie gel'mintozy cheloveka. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo med. lit-ry, 1958. 200 p. (Biblioteka prakticheskogo vracha) (MIRA)

Measures for controlling helminths during the period when animals are kept in stalls. D. N. Antipin. Veterinariia 35 no.11:14-16 N '58.

Simple method of closed oxygen administration in experimental helminthosis. V. V. Blank. Nov. med. 30 no.9:66-71 S '58.

WOUNDS

Aerobic microflora of accident wounds in peace time and effectiveness of antibiotics in the control of microbial infection. V. M. Nyatovidova, I. D. Kovaleva. Khirurgiia. 32 no.7:56-53 Jl '56.

Cytology of suppurating wounds. N. P. Medvedev. Khirurgiia. 32 no.7:75-79 Jl '56.

A method for determining the quantity of wound exudate. V. I. Antrakhan. Khirurgiia. 32 no.7:54-55 Jl '56.

WOUNDS—TREATMENT

The action of penicillin in an infected wound containing regions of necrosis; experimental study. N. V. Putov. Khirurgiia. 33 no.7:59-62 Jl '59.

Potentiated anesthesia and hypothermia in the treatment of severe injuries [with summary in English. p.1961]. A. N. Merkulov, A. A. Volikov, L. A. Smetanin. Vest. khir. 77 no.9:19-28 S '56.

Role of penicillin in the treatment of wounds. K. P. Markovskii. Voen.-med. zhur. no.7:86 Jl '56.

Therapeutic significance of emulsions with a high dispersion rate. E. A. Kon'kov. Khirurgiia. 32 no.7:48-50 Jl '56.

Treatment of slowly healing wounds with concentrated preparations of vitamin A, carotene and silicoblack oil combined with penicillin. N. K. Manoilov, T. I. Vul'fson. Khirurgiia. 32 no.7:74-75 Jl '56.

WRESTLING

Classical wrestling at the Spartakiada of the Peoples of the U. S. S. R. M. M. Chesnokov. Teor. i prak. fiz. kul't. 19 no.10:733-738 '56.

More than six-hundred holds on the mat. M. Chesnokov. Fiz. i sport 26 no.10:16-17 '56.

WRITERS see Authors

WRITING

About the writers' mastery. Vlacheslav Shishkov. Smena 33 no.19:14-16 O '56.

WRITING (AUTHORSHIP) see Authorship

WROUGHT IRON

Some problems in the theory of graphitization of wrought iron. A. A. Egorov. Nauch. trudy MPI no. 3:113-134 '55.

X-RAY CRYSTALLOGRAPHY

Feasibilities of using X-ray analysis of polycrystals in geological investigations. B. G. Erenburg. Izv. AN SSSR. Ser. fiz. 20 no. 7:764-769 Jl '57.

Instrument for measuring and comparing Debye crystallograms. N. A. Igcat'ev. Izv. AN SSSR. Ser. fiz. 20 no. 7:845-847 Jl '56.

Some applications of differential filters in X-ray structural analysis. V. P. TSvetkov, A. N. Kovalevskii, N. F. Kravtsova. Dop. ta pov. L'viv. un. no. 3:43-44 '52.

X-RAY SPECTROSCOPY

Advances in X-ray spectroscopy in the field of investigating matter. M. A. Blokhin. Izv. AN SSSR. Ser. fiz. 20 no. 7:770-779 Jl '56.

Determining diffusion coefficients by means of secondary X-ray spectra. M. A. Blokhin, E. V. Timofeeva, G. Z. Chukhlov. Izv. AN SSSR. Ser. fiz. 20 no. 7:c09-810 Jl '56.

New X-ray spectroscopic techniques for investigating the electron structure of solids [translations and surveys of foreign periodical literature] Problemy sovremennoi fiziki 8 no. 10 '56. 194 p.

Recording X-ray vacuum spectrograph (for the 20-300 A range). A. I. Efremov, A. M. Tiutikov. Izv. AN SSSR. Ser. fiz. 20 no. 7:794-797 Jl '56.

Universal X-ray vacuum tubular spectrograph. I. B. Staryi. Izv. AN SSSR. Ser. fiz. 20 no. 7:798-800 Jl '56.

Using luminescent counters for recording X-ray spectra. L. M. Beliaev and others. Izv. AN SSSR. Ser. fiz. 20 no. 7:801-808 Jl '56.

X-ray spectra and interatomic bonds in alloys. S. M. Karal'nik. Izv. AN SSSR. Ser. fiz. 20 no. 7:815-819 Jl '56.

X-ray spectroscopy of alloys in connection with their magnetic properties. S. M. Karal'nik and others. Izv. AN SSSR. Ser. fiz. 20 no. 7:811-814 Jl '56.

X RAYS

Effect of X-ray irradiation on the rate of protein synthesis in spontaneous and transplanted tumors in mice [with summary in English]. S. N. Aleksandrov. Vop. onk. 2 no. 4:417-423 '56.

X RAYS—APPARATUS AND SUPPLIES

Camera obscura for X-ray shadow microscopy. B. M. Rovinskii, V. G. Liuttsau. Izv. AN SSSR. Ser. fiz. 20 no. 7:853-856 Jl '56.

Needlelike X-ray microprojector. B. M. Rovinskii, V. G. Liuttsau, A. I. Avdeenko. Izv. AN SSSR. Ser. fiz. 20 no. 7:848-852 Jl '56.

Roentgenographic method for determining residual austenite by stepwise attenuation of lines of comparison. B. A. Brusilovskii. Zav. lab. 22 no. 8:936-943 Ag '56.

X RAYS—INDUSTRIAL APPLICATIONS

Using X-ray analysis for investigating oxide-coated cathodes. A. P. Ostapchenko. Izv. AN SSSR. Ser. fiz. 20 no. 7:755-760 Jl '56.

X-ray analysis at high and low temperatures. V. G. Kuznetsov. Zhur. neorg. khim. 1 no. 7:1548-1558 Jl '56.

X-ray analysis of the correlation between the structure of palladium catalysts, the conditions of electric supply, and the heat treatment. V. D. Ruchkina. Izv. AN SSSR. Ser. fiz. 20 no. 7:761-763 Jl '56.

X-ray analysis of the molecular structure of coal and coke. V. I. Kasatochkin, L. L. Razumova. Izv. AN SSSR. Ser. fiz. 20 no. 7:751-754 Jl '56.

X-ray examination of the structural changes of steel surface layers machined by grinding. O. N. Shivrin. Izv. AN SSSR. Ser. fiz. 20 no. 7:736-739 Jl '56.

X RAYS—PHYSIOLOGICAL EFFECT

Effect of X rays on the early period of embryogenesis. V. I. Kheisina. Dokl. AN SSSR 110 no. 1:57-60 S-O '56.

Effect of X rays on the skin of dogs. D. D. Logvinov. Sbor. trud. Khar'. vet. inst. 20:200-206 '49.

Modification of cerebellar metabolism following x-irradiation. A. V. Golubtsova, E. V. Moiseenko, M. L. Sofronova. Biul. eksp. biol. i med. 42 no. 9:36-39 S '56.

X RAYS—SCATTERING

Effect of heat and mechanical treatments on the thermal factor of X-ray scattering by solid solutions. V. A. Il'ina and others. Izv. AN SSSR. Ser. fiz. 20 no. 7:727-728 Jl '56.

On the intensity of X-ray scattering by solid solutions. V. I. Ivernova, A. P. Zviagina. Izv. AN SSSR. Ser. fiz. 20 no. 7:729-735 Jl '56.

Using thin crystalline layers in studying X-ray scattering by liquid metals. V. P. TSvetkov. Dop. ta pov. L'viv. un. no. 4, pt. 2:71 '53.

X RAYS—THERAPEUTIC USE

Result of using a lead grid in roentgenotherapy of radioresistant tumors [with summary in English]. T. G. Larinshenko. Vop. onk. 2 no. 4:457-463 '56.

XENON—SPECTRA

Investigating the luminosity of spark discharge channels in argon and xenon atmospheres. M. P. Vanlukov, A. A. Mak, N. V. Parazinskaia. Opt. i spektr. 1 no. 5:642-649 S '56.

XEROPHYTES

Vitamin C in desert plants. S. O. Grebinskii, B. I. IAroshin. Dop. ta pov. L'viv. un. no. 4, pt. 2:30-31 '53.

XYLENOL

Contact catalytic conversions of phenols. Part 1. Conversions of 1, 3, 4-xylenol on a nickel-alumina catalyst and in a hydrogen stream. N. I. Shuikin, E. A. Viktorova, M. I. Cherkashin. Vest. Mosk. un. 11 no. 6:57-60 Je '56.

XYLOSE

Reducing losses of intermediate products in the production of hydrolytic xylose. N. A. Vasiunina, S. V. Cheptgo, S. V. Pavlov. Gidroliz. i lesokhim. prom. 9 no. 4:15-17 '56.

Stability of xylose in subacid and subalkaline media. E. M. Adaskin, N. L. Luk'ianova. Gidroliz. i lesokhim. prom. 9 no. 4:10-11 '56.

YACHTS AND YACHTING see subdivision under Kherson

YAKHROMA—LIBRARIES, WORKINGMEN'S

Second calling. G. Vasil'ev. Bibliotekar' no. 11:28-30 N '56.

YAKOKUT VALLEY—ROCKS, IGNEOUS

Petrology of post-Jurassic intrusive bodies of the Yakokut-Kuronnakh watershed. E. P. Leonova. Uch. zap. Ped. inst. Gerts. 117:103-121 '56.

YAKUT FOLK MUSIC see Folk music, Yakut

YAKUT LANGUAGE—VERB

Valuable study on the Yakut language ("Types of verb roots in the Yakut language," L. N. Kharitonov. Reviewed by E. V. Sevortian). Vest. AN SSSR 26 no. 9: 135-137 S '56.

YAKUT LITERATURE—HISTORY AND CRITICISM

Kanaev, N., G. Efremov, and G. Tikhonov. [Against distortions in the history of Yakut literature] Protiv izvrashchenii istorii iakutskoi literatury. IAkutsk, IAkutskoe kn-vo, 1953. 104 p.

YAKUT POETRY—HISTORY AND CRITICISM

Necessary book ("Poetry of Soviet Yakutia." Reviewed by N. Kanaev). Sib. ogni 36 no. 4:185-187 Jl-Ag '56.

YAKUTIA—DECEMBRISTS

"Decembrists in Yakut exile," F. Safronov. Reviewed by Z. Tagorov. Sib. orni 36 no. 4:189-190 Jl-Ag '56.

YAKUTIA—DOLOMITE

Effect of post-Jurassic alkali intrusions on the change in Cambrian dolomites of the Aldan region of the Yakut A. S. S. R. IU. A. Khodak. Izv. AN SSSR. Ser. geol. 21 no. 9:51-65 S '56.

YAKUTIA—GEOCHEMISTRY

Secondary alterations of lower Cambrian rocks in the Aldan District of the Yakut A. S. S. R. IU. A. Khodak. Vop. min. osad. obr. 3/4:468-485 '56.

YAKUTIA—GEOLOGY—CONGRESSES

Eighth scientific session of the Yakut Branch of the Academy of Sciences of the U. S. S. R. IU. P. Ivensen. Izv. AN SSSR. Ser. geol. 21 no. 8:127 Ag '56.

YAKUTIA—HUNTING

Hunters of a progressive collective farm. N. Atlasov. Okh. i okh. khoz. no. 10:61 O '56.

YAKUTIA—LAND TENURE

Basharin, G. P. [History of agrarian relations in YAkutia; from the 1780's to the middle of the 19th century] Istoriia agrarnykh otnoshenii v IAkutii; 60-e gody XVII - XIX v. Moskva, Izd-vo Akademii nauk SSSR, 1956. 427 p.

YAKUTIA—MOSSES

Mosses of the Yakutsk A. S. S. R. Z. N. Smirnova. Bot. mat. Otd. spor. rast. 11 228-235 Ja '56.

YAKUTIA—MOUNTAINS

Geomorphology of mountains in southern Yakutia. V. G. Vasil'ev. Uch. zap. Ped. inst. Gerts. 116:235-250 '56.

YAKUTIA—SCIENCE

Present state and further development of the scientific activity of the Yakut branch. Vest. AN SSSR 26 no. 10: 85-86 O '56.

YAKUTS—HISTORY

Where did the Toksoma Yakuts of the 17th century live? S. I. Nikolaev. Krat. soob. Inst. etn. no. 25:56-59 '56.

YALTA—MOTION-PICTURE INDUSTRY

Motion-picture studio beside the sea. T. Kulakovskaia. Ogonek 34 no. 41:21 O '56.

YANG CHUNG-WAN

A 20-year-old secret. Chien Chen. Nar. Kit. no. 10: 24-25 O '56.

YAROSLAVL—SAPROPELS—THERAPEUTIC USE

Therapeutic use of sapropelic mud in the [illegible] Polyclinic in Yaroslavl. G. I. Belozerova. [illegible] sapr. otl. no. 6:128-129 '56.

YARROW

Treatment of metrorrhagia with milfoil. A. [illegible] Akush. i gin. 32 no. 4:61-63 Jl-Ag '56.

YEAST

Increasing the fermentation activity of dry [illegible] tures. E. N. Kir'ianova. Dokl. Akad. [illegible] no. 10:29-34 '56.

Peculiarities in oxygen absorption during [illegible] similation of glucose and xylose by [illegible] M. A. Ter-Karapetian, M. N. Matiatin, [illegible] SSR 23 no. 1:29-34 '56.

Vitamins in fodder yeasts. A. P. Ka[illegible] marova. Gidroliz. i lesokhim. prom. [illegible]

Yeast section of the Lokhvitsa Alcohol [illegible] Borisenko. Spirt. prom. 22 no. 3:34 '56.

YEISK—BOOKSELLERS AND BOOKSELLING

Cooperation council of a Yeisk store. A. [illegible] Sov. knizh. torg. no. 8: 12-14 Ag '56.

YELETS—LIBRARIES

A book in every railroad worker's home! V. [illegible] Sov. knizh. torg. no. 10:21-22 O '56.

YELLOW RIVER, CHINA—BRIDGES, CONCRETE

Spring wind. Liu Pin-yen. Translated [illegible] by Ag. Gatov. Oktiabr' 33 no. 10:131-[illegible] '56.

YELLOW RIVER, CHINA—REGULATION

Chinese people plan the future of their [illegible] Khun-lun'. Tekh. mol. 24 no. 10:20-21 O '56.

YELLOW RIVER VALLEY—EROSION

Controlling soil erosion in the Middle Yellow [illegible] Valley. Ch'no Ming-fu. Nar. Kit. no. 12 [illegible] '56.

YENISEY RIDGE—ORE DEPOSITS

Some instances of spatial combination of [illegible] endogenetic mineral formations. N. V. [illegible] Zap. Vses. min. ob-va 85 no. 3:331-333 '56.

YENISEY RIVER—BORING

Boring operations from the ice surface of the [illegible] River. S. V. Druzdov. Trudy MGRI. 30:[illegible]

YENISEY VALLEY—HISTORY, LOCAL

Promote love of one's native region. M. I. [illegible] Sred. spets. obr. no. 10:36-37 O '56.

YENISEY VALLEY—PALEOGEOGRAPHY

Traces of an ancient hydrographic network in the [illegible] Yenisey Basin. S. R. Itskanov. Izv. AN [illegible] no. 5:93-96 S-O '56.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH

(see also subdivision under Borovnikl; Egypt; [illegible] Peremyshl District; Siberia; Sweden; Zalutka)

Our forum. Mol. mira no. 9:2 '56.

Our mail. Mol. mira no. 9:9 '56.

Receive your motherland's parting advice. A. V. [illegible] Klub 6 no. 11:3-4 N '56.

Unfortunate youth. Oleksii Horasymenko. [illegible] no. 10:107-113 O '56.

Until the meeting in Moscow! Smena 33 no. [illegible]

We have to try to understand one another. [illegible] Mol. mira no. 9:18-19 '56.

YOUTH—CONGRESSES

(see also subdivision under Minsk; Moscow; Turku)

Prague, Budapest, Berlin, Bucharest, Warsaw, Moscow. Vladimir Popov. Mol. kolkh. 33 no. [illegible]

Preparing for the coming festival. M. Galadze. [illegible] 6 no. 10:100-101 O '56.

We continue our questionnaire. Mol. mira no. 9:10 [illegible]

YOUTH—PERIODICALS

Herald of peace and friendship. V. Kudriavtsev. [illegible] 33 no. 20:10 O '56.

Letter to a friend. A. Savaris. Mol. mira. no. 9:1 '56.

September 1946, no. 1. Mol. mira no. 9:9 '56.

This is the way it is done. A. S. Mol. mira no. 9:12-13 '56.

"World Youth," 10th year of publication. J. Crois. Mol. mira no. 9:11 '56.

YUGOSLAV FOLKSONGS see Folksongs, Yugoslav

YUGOSLAVIA—DESCRIPTION AND TRAVEL

Poltoratskyi, Ol. [Yugoslavia with my own eyes; a tourist's notebook] IUhoslavita na vlasni ochi; notatky turysta. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1956. 78 p.

YUGOSLAVIA—GLIDERS (AERONAUTICS)

"Meteor", the record-holding Yugoslav glider. Kryl. [illegible] 7 no. 9:24 S '56.

YUGOSLAVIA—MUSIC
Yugoslav encounters. K. Molchanov. Sov. muz. 20 no. 9:125-126 S '56.

YUGOSLAVIA—RELATIONS (GENERAL) WITH RUSSIA
Encounters in Yugoslavia. V. Razdol'skii. Sem'ia i shkola 11 no. 11:24-25 N '56.
Guests of "Ogonek." Ogonek 34 no. 40:3 S '56.

YUGOSLAVIA—WORLD WAR, 1939-1945
History of the militant friendship between the peoples of the Soviet Union and Yugoslavia in their struggle against the German fascist occupants. V. I. Klokov. Nauk. zap. Inst. ist. AN URSR 7:252-267 '56.

ZADNEPROV, PETRU
"Clusters on a knoll" [in Moldavian]. Petru Zadneprov. Reviewed by IA. IAkir, M. Khazin. Druzh. nar. no. 10: 180 O '56.

ZAGLIK—ALUM
History of alum production in Azerbaijan in the 19th century. A. S. Sumbatzade. Uch. zap. AGU no. 9:103-111 55.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAIKEVICH, ANASTASH EGOROVICH, 1842-1931
A. E. Zaikevich, hero of labor. S. Z. Ivanov. Zemledelie 4 no. 10:100-105 O '56.

ZAKHAROV, VLADIMIR GRIGOR'EVICH
Inspiring master, V. Zakharov's works. I. Martynov. Sov. muz. 20 no. 9:3-6 S '56.

ZALUVKA—YOUTH
Festival at Zaluvka. Zmina no. 10:11 O '56.

ZAMYCHKIVS'KYI, IVAN EDUARDOVICH, d. 1931
Outstanding artist; on the 25th anniversary of I. E. Zamychkivs'kyi's death. IE. Khlibtsevych. Mystetstvo no. 4:45-47 Jl-Ag '56.

ZAPOROZH'YE—METALLURGICAL PLANTS
Oxygen station at the "Zaporozhstal'" plant. Sbor. trud. TSNIICHM no. 13:300-370 '56.

ZAPOROZH'YE—OPEN-HEARTH PROCESS
Intensification of the final melting. N. N. Perevalov, A. S. Kharitonov. Sbor. trud. TSNIICHM no. 13:109-126 '56.
Open-hearth scrap metal process of steel production using oxygen. B. V. Sevruk. Sbor. trud. TSNIICHM no. 13:18-37 '56.
Use of oxygen in the current production of the Zaporozhstal' open-hearth furnace plant. B. V. Sevruk, A. V. Leskov, I. S. Marakhovskii. Sbor. trud. TSNIICHM no. 13: 38-55 '56.

ZAPOROZH'YE—REFRACTORY MATERIALS
Automatic powder level indicator for storage bins. M. I. Kolesnik, V. F. Ignatov. Ogneupory 21 no. 6: 276-270 '56.

ZAPOROZH'YE—SMELTING
Best thermal conditions for smelting using oxygen. G. P. Ivantsov, M. P. Sobakin, V. S. Chistiakov. Sbor. trud. TSNIICHM no. 13:153-170 '56.

ZAPOROZH'YE—STEEL—METALLURGY
Quality of the 08kp basic open-hearth steel smelted with use of oxygen at the "Zaporozhstal'" plant. A. A. Mitrofanov, N. P. Cherkashina, M. A. Volkova. Sbor. trud. TSNIICHM no. 13:171-181 '56.
Radioactive isotopes for investigating the steel desulfuration process. K. M. Trubetskov, S. N. Stupar'. Sbor. trud. TSNIICHM no. 13:127-141 '56.

ZARDABI, GASAN-BEK, 1837-1907
Gasan-bek Zardabi, alumnus of Moscow University. M. Kasumov. Uch. zap. AGU no. 6:51-65 '55.

ZATOPEK, EMIL, 1921-
Running around the world. Evgenii Vorob'ev. Leg. ati. 9:26-28 S '56.

ZELENIN, VLADIMIR FILLIPOVICH, 1881-
V. F. Zelenin; on his 75th birthday. Klin. med. 34 no. 9: 3 S '56.
Vladimir Filippovich Zelenin; on his 75th birthday. Sov. med. 20 no. 9:94 S '56.

ZHILIN, BORIS
Country doctor ("Near and dear; notes of a country doctor." B. Zhilin. Reviewed by L. Fridland). Neva no. 9:196 S '56.

ZHIRNONOSOV, VASILII
Group leader and Communist Youth League member. T. Vorob'eva. Grazhd. av. 13 no. 9:5 S '56.

ZHITOMIR—GOURDS
Experiment in growing luffa and the bottle gourd in Zhitomir. A. L. Baranovskii. Biul. Glav. bot. sada no. 24:105-107 '56.

ZHITOMIR—THEOLOGICAL SEMINARIES
At the Volyn' Theological Seminary. Zhur. Mosk. Patr. no. 8:14 Ag '56.

ZHLOBIN—ART INDUSTRIES
With Zhlobin incrustators. V. Vakulov. Prom. koop. no. 10:15 O '56.

ZHURBA, KUZ'MA
Richness of life and monotonous tunes ("On the banks of the beautiful Desna"; lyric verse by Kuz'ma Zhurba. Reviewed by Ivan Svitlychnyi). Dnipro 30 no. 11:122-124 N '56.

ZINC
Reactions of salts with metals in melts. Interaction of CuCl with zinc. A. P. Palkin, G. P. Chepurko. Zhur. neorg. khim. 1 no. 8:1832-1842 Ag '56.

ZINC—ANALYSIS
Controlling corrosion of brass tubes. B. V. Donskoi, E. F. Kovtaniuk. Energetik 4 no. 10:10 O '56.

ZINC—METALLURGY
Removal of zinc from sulfide-oxide melts by blowing through of coal-air mixture. A. I. Okunev, V. A. Agliteskii. Dokl. AN SSSR 109 no. 6:1183-1186 Ag '56.

ZINC—PHYSIOLOGICAL EFFECT
Effect of a change in the zinc content of the environment on the intensity of heat exchange in frogs. E. V. Cherkasova. Fiziol. zhur. 42 no. 5:413-417 My '56.

ZINC-ALUMINUM ALLOYS see Aluminum-zinc alloys

ZINC PHOSPHIDES
Long-lasting winter rodent control spots. T. A. Adel'f, N. V. Bashenina, N. M. Dukel'skaia. Biul. Glav. bot. sada no. 24:97-99 '56.

ZINC-SILVER ALLOYS see Silver-zinc alloys

ZINC SULFIDE
Law of afterglow quenching of zinc sulfide phosphors near and in the temperature quenching range. F. I. Vergunas. Opt. i spektr. 1 no. 3:416-426 Jl '56.
Temperature dependence of absorption in sulfide phosphors. P. S. Litvinova. Opt. i spektr. 1 no. 3:427-432 Jl '56.

ZINCOGRAPHY
Kinetics of chemical zinc etching. A. N. Krestovnikov, S. S. Gastev. Nauch. trudy MPI no. 3:135-142 '55.

ZIRCON
Zirconium and hafnium distribution in zircons of granitoids and metasomatites [with English summary in insert]. A. I. Tugarinov, E. E. Vainshtein, I. D. Shevaleevskii. Geokhimiia no. 4:28-37 '56.

ZIRCONIUM—ANALYSIS
Spectral determination of hydrogen in zirconium by the method of isotope balancing. A. N. Zaidel', K. I. Petrov. Zav. lab. 22 no. 8:923-926 Ag '56.

ZIRCONIUM—ISOTOPES
Study of the state of zirconium in nitrate and sulfate solutions by means of ionic exchange. V. I. Paramonova, A. S. Voevodskii. Zhur. neorg. khim. 1 no. 8: 1905-1911 Ag '56.

ZOISITE
Crystal structure of zoisite. E. G. Fesenko, I. M. Rumanova, N. V. Belov. Kristallografiia 1 no. 2:171-196 '56.

ZONES, LIFE see Life zones

ZOOGEOGRAPHY
Variability of organisms and geographical characteristics of their habitats. S. V. Kirikov. Izv. AN SSSR, Ser. geog. no. 3:33-39 My-Je '56.

ZOOLOGY
(see also subdivision under Malay Archipelago)
Do wild animals live long? P. Manteifel'. Okh. i okh. khoz. no. 10:30 O '56.

ZOOLOGY—ECOLOGY
"Animal ecology." N. P. Naumov. Reviewed by N. I. Kalabukhov. Usp. sovr. biol. 42 no. 2:259-264 S-O '56.

ZORICH, ANASTASIIA
Birth of a literary hero ("Ilika"; a tale. Anastasiia Zorich. Reviewed by Tamara Nechaeva). Al'm. Mol. gvard. 17:311-315 '56.

ZUBAVIN, BORIS
Wide and expansive ("On the broad expanses"; tales and stories. Boris Zubavin. Reviewed by G. Eretnov). Ogonek 34 no. 47:19 N '56.



U. S. GOVERNMENT PRINTING OFFICE : 1957 O - 418004

# Bibliographies and Reference Works Pertaining to the Soviet Union

**Knizhnaia Letopis'** (national bibliography of the Soviet Union). On microfilm.

Weekly issues. 1947–1955 complete.

Imennoi ukazatel' (name index). 1947–1949, 1951.

Vspomogatel'nye ukazateli (supplementary index). 1950, 1952–1954, Apr.–Sept., 1955.

Ukazatel' serii (series index). 1947–1953.

Positive microfilm copies are for sale at $220 for the set. Orders should be directed to the Photoduplication Service, Library of Congress, Washington 25, D. C. A cost estimate for any portion of the file may be obtained from the Service upon request.

**Guide to Soviet Bibliographies.** A Selected List of References. Compiled by John T. Dorosh. 1950. v, 158 p. Price $1.30. L. C. Card, 50-62955

Lists separately published bibliographies issued since 1917 in Russian or relating to Russia and available in the Library of Congress. Contents: Bibliography (theory, history, use). Bibliography of bibliographies. General bibliographies. Children's books. Dissertations. Films. Periodicals and newspapers. Agriculture—plant and animal industry. Education. Fine arts. Geography. Anthropology. Folklore. History. Archaeology. Language and literature. Law. Medicine. Military affairs. Music. Philosophy. Religion. Political science. Science. Social sciences. Technology. Author and subject indexes.

**Russian, Ukrainian and Belorussian Newspapers, 1917–1953.** A Union List. Compiled by Paul L. Horecky. 1953. xi, 218 p. Price $1.45. L. C. Card, 54-60001

Lists 859 Russian, Ukrainian and Belorussian newspapers issued since January 1, 1917, within the territory of the present U. S. S. R. and which were in the possession of libraries in the United States as of May 1953. Holdings of each library are listed separately by year, the degree of completeness being indicated after each year by symbols. Material arranged by place of publication, and alphabetical index of titles included at end of list.

**Bibliography of Translations from Russian Scientific and Technical Literature.** Monthly. October 1953– Price of single copy $0.25; subscription price $3.00 a year. L. C. Card, 53-60044

Lists translations from Russian which have been deposited with, or loaned to, the Scientific Translations Center, Science Division, by government agencies, scientific societies, industrial laboratories, universities, and other organizations. Listings are arranged alphabetically by author under broad subject headings. Microfilms or photostat copies of such translations may be ordered from the Photoduplication Service, Library of Congress.

**Study and Teaching of Slavic Languages.** A Selected List of References. Compiled by John T. Dorosh. 1949. vi, 97 p. Price $0.65. L. C. Card, 49-45040

Partly annotated bibliography of publications suitable as material for the study and teaching of Bulgarian, Czech, Polish, Russian, Church Slavic, Serbo-Croatian, Slovak, Slovenian, Ukrainian, White Russian and other Slavic languages. Arranged by language, under the following headings: Periodicals, societies, etc. General works. Study and teaching. Grammar. Readers and chrestomathies. Conversation and phrase books. Phonology. Orthography. Morphology. Inflection and accidence. Parts of speech. Syntax and style. Versification. Etymology. Dictionaries. Dialects.

**Soviet Geography.** A Bibliography. Edited by Nicholas R. Rodionoff. 1951. xx, 668 p. In two parts. Part 1: U. S. S. R.—Geography by Subject. Price $2.35. Part 2: Administrative, Natural and Economic Regions. Price $2.25. L. C. Card, 51-62891

Extensive bibliography listing over 4,000 titles of the important works on the geography of the Soviet Union, most of which have been published since 1917. Contents: *Part 1.* Geographical science. General descriptions. Expeditions, explorations, and discoveries. Historical geography. Physical geography. Economic geography. Political and military geography. Atlases and cartography. Bibliography and biobibliography. *Part 2.* Russian Soviet Federated Socialist Republic. Karelian S. S. R. Baltic Constituent Republics. White Russian S. S. R. Moldavian S. S. R. Ukrainian S. S. R. Transcaucasian Constituent Republics. Kazakh S. S. R. Asiatic Constituent Republics. Author and subject indexes.

**Electric Power Industry of the U. S. S. R.** An Annotated Bibliography. Prepared by J. D. Philippoff with the assistance of Elizabeth G. Dorosh and N. R. Rodionoff. 1952. xi, 154 p. Price $1.00. L. C. Card, 52-60044

Contents: Bibliographies and indexes. Periodicals. Transactions. General reference publications. Power engineering. Economics and operation. Steam-power engineering equipment. Hydro-power engineering and equipment. Electric power equipment. System control and protection. Power transmission. Power distribution. Individual power plants, systems, and projects by regions. Electrification and economic planning. Author and subject indexes.

**Soviet Transportation and Communications.** A Bibliography. Compiled by Renee S. Janso. 1952. xv, 330 p. Price $2.25. L. C. Card, 52-60021

Contents: *Transportation*—General. Regional studies. Guidebooks. Maps and atlases. Encyclopedias. Asiatic Russia. Railroads. Maritime transportation. Inland waterways. Highways and roads. Airways. Other forms of transportation. *Communications*—General information. Handbooks, manuals, etc. Postal service. Telegraph. Telephone. Radio. Radar. Neighboring countries. Legislation. Dictionaries. Author index.

**Manufacturing and Mechanical Engineering in the Soviet Union.** A Bibliography. Compiled by Gisella R. Lachman. 1953. 234 p. Price $1.60. L. C. Card, 53-60040

Contents: General information. Industrial management. Principles of mechanical engineering. Machine elements. Machine shops. Metal cutting. Machine tools and tools. Surfaces. Rolling and rolling mills. Founding and foundries. Pattern-making machinery. Forging, stamping, punching and pressing work and equipment. Metallography. Heat treatment. Electricity in metal working. Welding. Electric and gas welding and cutting. Woodworking machinery. Hydraulic machinery. Pneumatic machinery. Filters and separators. Centrifuges. Steam engineering. Miscellaneous engines. Hoisting and conveying machinery. Factory transportation. Excavators. Precision machinery and instruments. Standards and standardization. Periodicals and serial publications. Handbooks. Encyclopedias. Catalogs, price-lists and directories. Dictionaries. Bibliographies and biobibliographies. Author index.

**Aeronautical Sciences and Aviation in the Soviet Union.** A Bibliography. Compiled by Bertha Kucherov. 1955. xx, 274 p. Price $2.00. L. C. Card, 55-60018

Contents: Aerodynamics. Propulsion. Materials. Strength of materials. Theories of elasticity, plasticity, and structures. Vibration, flutter, etc. Aircraft design. Aircraft modelling. Experimentation. Aircraft manufacturing. Equipment. Instruments. Automatic control. Electronics. Aerial photography. Fuels and lubricants. Maintenance and repair. Operating problems. Meteorology. Astronavigation. Parachutes. Gliders. Lighter-than-air, rotating-wing, and water-borne aircraft. Military aviation. Air law. Scientific research institutions. Airports and air lines. Aircraft designers, pilots, specific airplanes. General works. Textbooks. Dictionaries, terminology, etc. Bibliographies.

**Russian Abbreviations.** A Selective List. Compiled by Alexander Rosenberg. 1952. vii, 128 p. Price $0.85. L. C. Card, 52-60034

Lists the more important abbreviations commonly used in Russian texts, based on Russian periodicals, books, and documents covering the period 1930–1951. Full expansions and English translations are given for all abbreviations.

(For sale by Card Division, Library of Congress, Washington 25, D. C., except Knizhnaia Letopis')

# Monthly List
*of*
# Russian Accessions

Vol. 9, No. 12 March 1957

THE LIBRARY OF CONGRESS
WASHINGTON : 1957

# INTRODUCTORY NOTE

The MONTHLY LIST OF RUSSIAN ACCESSIONS is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions List.*

The MONTHLY LIST consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this LIST by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals with their tables of contents translated into English. However, accessions printed earlier than 1947 are not included.

Part C is a subject guide to both the monographs and periodical articles listed in Parts A and B. Monographs are listed under the appropriate subject headings first, followed by the periodical articles. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only. In citing periodical articles the following abbreviations are used for the months of the year:

| | | | | | |
|---|---|---|---|---|---|
| Ja | January | My | May | S | September |
| F | February | Je | June | O | October |
| Mr | March | Jl | July | N | November |
| Ap | April | Ag | August | D | December |

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A list of periodicals included in the current issue, with abbreviations used, is given at the beginning of Part C in each issue of the LIST. The number and letter in parentheses following each periodical title indicate the class and subclass in which it is to be found in Part B. Cumulative lists of periodicals included in the current volume appear in numbers 6 and 12 of that volume. These lists are arranged by subject; the symbols of American libraries other than the Library of Congress, known to have current files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols * representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

A cumulative author, subject, and periodical location index to the first three volumes of the MONTHLY LIST is available as a separate publication. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

The MONTHLY LIST OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Price of single copies varies; subscription price, $0.00 a year domestic, $11.00 a year foreign. Price of Cumulative Index to Volumes 1–3, $1.50.

## * SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

| | |
|---|---|
| AU | University of Alabama, University |
| CCP | Pomona College, Claremont, Calif. |
| CLCL | Los Angeles County Law Library |
| CLCM | Los Angeles County Museum |
| CLSU | University of Southern California, Los Angeles |
| CLU | University of California at Los Angeles |
| CPT | California Institute of Technology, Pasadena |
| CSt | Stanford University, Palo Alto, Calif. |
| CSt-H | Hoover Institute and Library on War, Revolution and Peace, Palo Alto, Calif. |
| CStmoR | Rand Corporation, Santa Monica, Calif. |
| CU | University of California, Berkeley |
| CaOOG | Geological Survey of Canada, Ottawa |
| CaOON | National Research Council, Ottawa |
| CaOOS | Dominion Bureau of Statistics, Ottawa |
| CaOTU | University of Toronto, Toronto, Canada |
| CtY | Yale University, New Haven, Conn. |
| DA | U. S. Department of Agriculture |
| DAFM | Obsolete *see* DNLM |
| DBS | U. S. Bureau of Standards |
| DDO | Dumbarton Oaks Research Library of Harvard University |
| DH | U. S. National Institutes of Health Library, Bethesda, Md. |
| DI | U. S. Department of the Interior Library |
| DI-GS | — Geological Survey Library |
| DN | U. S. Department of the Navy |
| DN-RL | Naval Research Laboratory, Washington, D. C. |
| DNLM | National Library of Medicine, Washington, D. C. |
| DS | U. S. Department of State |
| DSI | Smithsonian Institution |
| DWB | U. S. Weather Bureau, Washington, D. C. |
| FTaSU | Florida State University, Tallahassee |
| FU | University of Florida, Gainesville |
| GAGT | Georgia Institute of Technology, Atlanta |
| ICJ | John Crerar Library, Chicago |
| ICMILC | Midwest Inter-Library Center, Chicago |
| ICN | Newberry Library, Chicago |
| ICU | University of Chicago |
| ICU-Y | Yerkes Observatory, Williams Bay, Wis. |
| IEN | Northwestern University, Evanston, Ill. |
| IU | University of Illinois, Urbana |
| IaAS | Iowa State College, Ames |
| IaU | State University of Iowa, Iowa City |
| InIA | Indiana Academy of Science, Indianapolis |
| InLP | Purdue University, Lafayette |
| InNd | University of Notre Dame, Notre Dame, Ind. |
| InU | Indiana University, Bloomington |
| KU | University of Kansas, Lawrence |
| LU | Louisiana State University, Baton Rouge |
| MB | Boston Public Library |
| MBU | Boston University |
| MCM | Massachusetts Institute of Technology, Cambridge, Mass. |
| MH | Harvard University, Cambridge, Mass. |
| MH-F | — Farlow Reference Library |
| MH-L | — Law School |
| MH-P | — Peabody Museum |
| MH-PR | — Physics Research Library |
| MH-Z | — Museum of Comparative Zoology |
| MdBJ | Johns Hopkins University, Baltimore |
| MeB | Bowdoin College, Brunswick |
| MiD | Detroit Public Library |
| MiDW | Wayne University, Detroit |
| MiEM | Michigan State College, East Lansing |
| MiU | University of Michigan, Ann Arbor |
| MiU-L | — Law Library |
| MnU | University of Minnesota, Minneapolis |
| MoKL | Linda Hall Library, Kansas City |
| MoSW | Washington University, St. Louis |
| MoU | University of Missouri, Columbia |
| N | New York State Library, Albany |
| NBC | Brooklyn College, Brooklyn |
| NIC | Cornell University, Ithaca, N. Y. |
| NIC-A | — State Colleges of Agriculture and Home Economics |
| NN | New York Public Library |
| NNBell | Bell Telephone Laboratories, New York |
| NNC | Columbia University, New York |
| NNC-M | — Medical Library |
| NNC-T | — Teachers College |
| NNIS | Library for Intercultural Studies, New York |
| NNM | American Museum of Natural History, New York |
| NNR | Russell Sage Foundation College of the City of New York |
| NNU-W | New York University, Washington Square Library |
| NNUN | United Nations Library, New York |
| NRU | University of Rochester, Rochester |
| NSyU | Syracuse University |
| NcD | Duke University, Durham, N. C. |
| NcGW | Women's College of the University of North Carolina, Greensboro |
| NcRS | North Carolina State College of Agriculture and Engineering, Raleigh |
| NcU | University of North Carolina, Chapel Hill |
| Nh | New Hampshire State Library, Concord |
| NhD | Dartmouth College, Hanover, N. H. |
| NjI | Irvington Free Public Library, N. J. |
| NjP | Princeton University, Princeton, N. J. |
| OCH | Hebrew Union College, Cincinnati |
| OCU | University of Cincinnati, Cincinnati |
| OCl | Cleveland Public Library |
| OClW | Western Reserve University, Cleveland |
| OCoB | Battelle Memorial Institute Library, Columbus |
| OOxM | Miami University, Oxford |
| OSte | Carnegie Public Library, Steubenville |
| OU | Ohio State University, Columbus |
| OkU | University of Oklahoma, Norman |
| OrCS | Oregon State College, Corvallis |
| OrU | University of Oregon, Eugene |
| P | Pennsylvania State Library, Harrisburg |
| PBm | Bryn Mawr College, Bryn Mawr, Pa. |
| PHC | Haverford College, Haverford |
| PP | Free Library of Philadelphia |
| PPAN | Academy of Natural Sciences, Philadelphia |
| PPAmP | American Philosophical Society, Philadelphia |
| PPC | College of Physicians and Surgeons of Philadelphia |
| PPDrop | Dropsie College for Hebrew and Cognate Learning, Philadelphia |
| PPPM | Philadelphia Museum of Art |
| PPT | Temple University, Philadelphia |
| PPWI | Wistar Institute of Anatomy and Biology, Philadelphia |
| PPiCI | Carnegie Institute of Technology, Pittsburgh |
| PSC | Swarthmore College, Swarthmore |
| PSt | Pennsylvania State University, State College |
| PU | University of Pennsylvania, Philadelphia |
| PU-El | — Moore School of Electrical Engineering |
| PU-FA | — School of Fine Arts |
| PU-Math | — Mathematics Research Library |
| PU-Mu | — University Museum |
| PU-P | — Department of Physics |
| PU-Penn | — Penniman Library of Education |
| PU-Sc | — Towne Scientific School |
| RPB | Brown University, Providence, R. I. |
| TNJ | Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville |
| TU | University of Tennessee, Knoxville |
| TxHR | Rice Institute Library, Houston |
| TxU | University of Texas, Austin |
| ViU | University of Virginia, Charlottesville |
| VtMiM | Middlebury College, Middlebury, Vt. |
| WU | University of Wisconsin, Madison |
| WaU | University of Washington, Seattle |
| WvU | West Virginia University, Morgantown |

L. C. card, 48-46562

# MONTHLY LIST OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 9, NO. 12 MARCH 1957

## TABLE OF CONTENTS

**Part A—Monographic Works**

| | Page |
|---|---|
| 1. General and Reference Works | 2659 |
| 2. Bibliography | 2659 |
| 3. Philosophy & Religion | 2659 |
| 4. History | 2659 |
| 5. Social Sciences | 2660 |
| 6. Political Science | 2662 |
| 7. Law | 2663 |
| 8. Education | 2663 |
| 9. Music, Theater & Motion Pictures | 2664 |
| 10. Fine Arts | 2664 |
| 11. Language, Literature & Folklore | 2664 |
| 12. Geography & Geology | 2667 |
| 13. Science | 2668 |
| 14. Medicine | 2669 |
| 15. Agriculture | 2670 |
| 16. Technology | 2672 |
| 17. Military & Naval Sciences | 2677 |

**Part B—Periodicals**

| | |
|---|---|
| 1. General | |
| *a.* Scholarly journals | 2678 |
| *b.* Popular magazines | 2682 |
| 2. Bibliography | |
| *a.* Bibliography | 2683 |
| *b.* Libraries & library science | ..... |
| *c.* Printing & the book trade | 2684 |
| 3. Philosophy & Religion | |
| *a.* Philosophy | 2684 |
| *b.* Religion | 2684 |
| 4. History | |
| *a.* General | 2684 |
| *b.* Archeology & antiquities | 2686 |
| 5. Social Sciences | |
| *a.* Commerce | 2686 |
| *b.* Economics | 2687 |
| *c.* Finance | 2687 |
| *d.* Labor | 2688 |
| *e.* Sociology | 2688 |
| 6. Political Science | 2688 |
| 7. Law | ..... |
| 8. Education | |
| *a.* General | 2690 |
| *b.* Physical education & games | 2691 |

9. Music, Theater & Motion Pictures — Page
   *a.* Motion pictures ..... [illegible]
   *b.* Music ..... [illegible]
   *c.* Theater ..... [illegible]
10. Fine Arts
   *a.* General ..... [illegible]
   *b.* Architecture ..... [illegible]
11. Language, Literature & Folklore
   *a.* Language ..... [illegible]
   *b.* Literature & folklore ..... [illegible]
12. Geography & Geology
   *a.* Ethnology ..... [illegible]
   *b.* Geography ..... [illegible]
   *c.* Geology & paleontology ..... [illegible]
13. Science
   *a.* General ..... [illegible]
   *b.* Astronomy ..... [illegible]
   *c.* Biology ..... [illegible]
   *d.* Chemistry ..... [illegible]
   *e.* Mathematics ..... [illegible]
   *f.* Physics ..... [illegible]
14. Medicine
   *a.* General ..... [illegible]
   *b.* Gynecology, obstetrics & pediatrics ..... [illegible]
   *c.* Neurology & psychiatry ..... [illegible]
   *d.* Ophthalmology & otorhinolaryngology ..... [illegible]
   *e.* Pathology & therapeutics ..... [illegible]
   *f.* Pharmacy & materia medica ..... [illegible]
   *g.* Public health & nursing ..... [illegible]
   *h.* Surgery & dentistry ..... [illegible]
   *i.* Venereology & dermatology ..... [illegible]
15. Agriculture
   *a.* General ..... [illegible]
   *b.* Animal industry ..... [illegible]
   *c.* Forestry ..... [illegible]
   *d.* Plant culture ..... [illegible]
16. Technology ..... [illegible]

## 1. GENERAL & REFERENCE WORKS

[REFERENCE ALMANAC FOR 1950] 1950 god - kalendar'-spravochnik. [Moskva] Gos. izd-vo polit. lit-ry, [1949] 669 p.

[PHOTOSTAT]

["UKRAINIAN VOICE" 1957 ALMANAC] Kalendar "Ukrains'koho Holosu" 1957. Winnipeg, Vyd. Vydavnychoi spilky "Tryzub" v Kanadi.
Vol. 40. 1956. 176 p.

## 2. BIBLIOGRAPHY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. TSentral'naia nauchnaia biblioteka. [Bibliography of publications of the Academy of Sciences of the Kazakh S.S.R.; books and articles, 1946-1950] Bibliografiia izdanii Akademii nauk Kazakhskoi SSR; knigi i stat'i, 1946-1950. Alma-Ata, 1952. 147 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. TSentral'naia nauchnaia biblioteka. [Stalingrad Canal zone (the northern part of the Caspian Depression; natural resources; the economy; the transformation of nature; economic development, and hydraulic construction. A bibliography] Zona Stalingradskogo kanala (Severnaia chast' Prikaspiskoi nizmennosti); prirodnye usloviia, narodnoe khoziaistvo, preobrazovanie prirody, ekonomicheskoe osvoenie i gidrotekhnicheskoe stroitel'stvo. Bibliograficheskii ukazatel'. Alma-Ata, 1953. 181 p.

AKADEMIIA NAUK SSSR. Biblioteka. [Historical sketch and survey of the collections in the Manuscript Division of the Library of the Academy of Sciences] Istoricheskii ocherk i obzor fondov Rukopisnogo otdela Biblioteki Akademii nauk. Moskva.
No. 1. [Eighteenth century] XVIII vek. 1956. 483 p.

LENINGRAD. NAUCHNAIA BIBLIOTEKA IMENI M. GOR'KOGO. [Dissertations defended at Leningrad State University during 1955; a bibliography] Dissertatsii, zashchishchennye v Leningradskom ordena Lenina gosudarstvennom universitete imeni A. A. Zhdanova v 1955 godu; bibliograficheskii ukazatel'. [Leningrad] Izd-vo Leningradskogo univ., 1956. 56 p.

RYAZAN. OBLASTNAIA BIBLIOTEKA. [New publications by modern writers of the peoples' democracies] Novye izdaniia proizvedenii sovremennykh pisatelei stran narodnoi demokratii. Riazan', 1956. 20 p.

SHAMURIN, E.I. [Outline history of library and bibliographical classification] Ocherki po istorii bibliotechno-bibliograficheskoi klassifikatsii. Moskva, Izd-vo Vses. knizhnoi palaty,
Vol. 1. 1955. 398 p.

SHOBUKHOV, M.N. [Descriptive cataloging of documentary materials in archives of prerevolutionary Russia] Opisanie dokumental'nykh materialov v arkhivakh dorevoliutsionnoi Rossii. Moskva, Moskovskii gos. istoriko-arkhivnyi institut, 1956. 67 p.

YOUNG MEN'S CHRISTIAN ASSOCIATIONS. Paris. Press. [Catalog, 1921-1956; theology, philosophy, Russian classics, literature, pedagogy, textbooks] Katalog, 1921-1956; bogoslovie, filosofiia, russkie klassiki, khudozhestv. literatura, pedagogika, uchebniki. Paris, [n. d.] 126 p.

## 3. PHILOSOPHY & RELIGION

AKADEMIIA NAUK URSR, Kiev. Instytut filosofii. [History of social, political and philosophical thought in the Ukraine] Z istorii suspil'no-politychnoi ta filosofs'koi dumky na Ukraini. Kyiv, 1956. 144 p.

BIBLE. N.T. Gospels. Church Slavic. Selections. 1946. [The Gospels read on Holy Thursday (during and after the washing of the feet) and on Good Friday morning the 12 Gospels of the Passion of our Lord and Savior Jesus Christ, and in the evening of Good Friday] Evangeliia, chitaemyia vo Sviatyi i Velikii Chetvertok (na liturgii, na Umovenii i po Umovenii nog) i vo Sviatyi Velikii Piatok na utrenii, 12 evangelii Sviatykh Strastei Gospoda Boga i Spasa Nashego Iisusa Khrista i na vecherni v toi zhe Sviatyi Velikii Piatok. Red. prot. Sergii Leporskii. N'iu-Iork, Izd. Khrama Khrista Spasitelia, 1946. 75 p.

BIBLE. N.T. Russian. 1956. [The New Testament of Our Lord Jesus Christ, and the Psalter] Novyi Zavet Gospoda nashego Iisusa Khrista i Psaltir'. Moskva, Izd. Moskovskoi Patriarkhii, 1956. 543 p.

TROFIMOV, P.S. [G.V.Plekhanov's ideas on esthetics] Esteticheskie vzgliady G.V.Plekhanova. Moskva, Izd-vo "Znanie," 1956. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 23)

UZKOV, I.N. [What is sectarianism in religion?] Chto takoe religioznoe sektantstvo. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 49)

VOROPAEVA, K.L. [Did Christ exist?] Byl li Khristos? Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 51)

## 4. HISTORY

AKADEMIIA NAUK SSSR. Bashkirskii filial, Ufa. Institut istorii, iazyka i literatury. [On the 50th anniversary of the first Russian revolution; papers at a scientific session] K 50-letiiu pervoi russkoi revoliutsii; materialy nauchnoi sessii. Ufa, Bashkirskoe kn-vo, 1956. 146 p.

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakutsk. Institut iazyka, literatury i istorii. [The role of the Russian people in the development of the peoples of Yakutia; a collection of articles] Vedushchaia rol' russkogo naroda v razvitii narodov IAkutii; sbornik statei. IAkutsk, IAkutskoe kn-vo, 1955. 272 p.

AKADEMIIA NAUK SSSR. Institut istorii material'noi kul'tury. [Abstracts of reports given at plenary sessions of the Conference on the Archaeology of the Caucasus, held in Erivan, October 1956] Tezisy dokladov na Plenarnykh zasedaniiakh Konferentsii po arkheologii Kavkaza, sostoiashcheisia v Erevane v oktiabre 1956 g. Moskva, 1956. 34 p.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. [History of Poland; in three volumes] Istoriia Pol'shi; v trekh tomakh. Moskva.
Vol. 1. (Izd. 2-oe, dop. Pod red. V.D.Koroliuka i dr.). 1956. 706 p.

DYSTROV, F.P., and G.S.LOPATIN, eds. [International settlement and foreign exchange among the peoples' democracies] Mezhdunarodnye raschety i valiutnye otnosheniia stran narodnoi demokratii. Moskva, Vneshtorgizdat, 1956. 126 p.

CHASTUKHIN, I.N. [Workers' movement in Bulgaria from 1918 to 1939] Rabochee dvizhenie v Bolgarii v 1918-1939 godakh. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 28 p.

DMITRICHEV, P.IA., comp. [Government bonds in the U.S.S.R.] Gosudarstvennye zaimy v SSSR. Sost. kollektivom avtorov pod rukovodstvom... Moskva, Gosfinizdat, 1956. 153 p.

DMITRIEV, M.V. [Industrial production costs and ways of reducing them] Sebestoimost' promyshlennoi produktsii i puti ee snizheniia. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 13)

GLADKOV, I.A. [From the State Commission for the electrification of the R.S.F.S.R. to the sixth five-year plan] Ot plana GOELRO k planu shestoi piatiletki. Moskva, Izd-vo Akademii nauk SSSR, 1956. 348 p.

GLEBOV, A., comp. [Tables for computing income taxes and taxes on unmarried and other single persons, and heads of small families] Tablitsa po ischisleniiu podokhodnogo naloga i naloga na kholostiakov, odinokikh i malosemeinykh grazhdan SSSR; v pomoshch' schetnym rabotnikam predpriiatii, organizatsii i uchrezhdenii. Moskva, Gosfinizdat, 1955. 30 p.

GORDEEV, A. [Community centers help collective farm production] Klub pomogaet khozhoznomu proizvodstvu. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1952. 30 p. (Bibliotechka sel'skogo klubnogo rabotnika, no.10) [MICROFILM]

GORLOVSKII, M.A., and A.N.PIATNITSKII. [History of the workers' movement in the Urals; sketches of the plight of the serfs in the Central Urals and their struggle to abolish serfdom (1800-1870)] Iz istorii rabochego dvizheniia na Urale; ocherki o polozhenii krepostnykh rabochikh Srednego Urala i ikh bor'be za likvidatsiiu krepostnichestva (1800-1870 gg.). [Sverdlovsk] Sverdlovskoe kn-vo, 1954. 370 p.

GRATSIANOV, A.A. [Bookkeeper's manual for computing wages of workers and employees; main principles of computing wages of workers and employees] Spravochnik bukhgaltera po raschetam s rabochimi i sluzhashchimi; osnovnye polozheniia o poriadke raschetov s rabochimi i sluzhashchimi. Moskva, Ministerstvo kommunal'nogo khoziaistva, 1955. 103 p.
(NNC)

GROSUL, IA. [Peasants of Bessarabia (1812-1861)] Krest'iane Bessarabii (1812-1861 gg.). Kishinev, Gos. izd-vo Moldavii, 1956. 396 p.

GUGUSHVILI, P.V. [Economic development of Georgia and Transcaucasia in the 19th and 20th centuries] Ekonomicheskoe razvitie Gruzii i Zakavkaz'ia v XIX-XX vv. Tbilisi, Gosizdat GSSR. [In Georgian.]
Vol. 2. [Monographs] Monografii. 1956. 985 p.

[HANDBOOK OF PRICES OF BUILDING MATERIALS AND EQUIPMENT] Spravochnik tsen na stroitel'nye materialy i oborudovanie. Moskva, Gosfinizdat.
Pt. 1. [Materials] Materialy. 1956.
Pt. 2. [Equipment] Oborudovanie. 1956.
(DS PHOTOSTAT)

IARKOV, D.M. [Credit for collective farms] Proizvodstvennoe kreditovanie kolkhozov. Moskva, Gos. izd-vo kolkhoz. lit-ry, 1956. 79 p.
(DA)

[INDUSTRY AND BANKS OF JAPAN; a collection of articles. Translated from the English and from the Japanese] Promyshlennost' i banki IAponii; sbornik materialov. Perevod s angliiskogo N.I.Ageeva i N.I. Kuz'minskogo. Perevod s iaponskogo K.A.Popova. Vstup. stat'ia IA.A.Povzнera. Moskva, Izd-vo inostrannoi lit-ry, 1956. 495 p.

[INNOVATORS OF THE TURKESTAN-SIBERIAN RAILROAD; a collection of articles on the work methods of leading workers on the Turkestan-Siberian Railroad] Novatory Turksiba; sbornik statei ob opyte raboty peredovikov Turkestano-Sibirskoi zheleznoi dorogi. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 99 p.

IOIRYSH, A.I. [Government pensions and grants in the U.S.S.R.] Gosudarstvennye pensii i posobiia v SSSR. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 61 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 16)

IVANOV, A.I. [The advent of Marxism was a revolutionary upheaval in philosophy] Vozniknovenie marksizma - revoliutsionnyi perevorot v filosofii. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 79 p.

IVANOV, I.T. [Problems of urban economy and construction in England] Nekotorye voprosy gorodskogo khoziaistva i stroitel'stva v Anglii. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 51 p.

[THE IVANOVO-VOZNESENSK GENERAL STRIKE OF 1905; a collection of documents and papers] Vseobshchaia stachka Ivanovo-Voznesenskikh rabochikh v 1905 godu; sbornik dokumentov i materialov. [Ivanovo] Ivanovskoe kn-vo, 1955. 258 p.

KASSIS, V.B. [Free youth sketches of the youth of the Chinese People's Republic] Svobodnaia iunost'; ocherki o molodezhi Kitaiskoi Narodnoi Respubliki. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 131 p.

KOMISSAROV, V.P. [The financial and credit system of Czechoslovakia] Finansovo-kreditnaia sistema Chekhoslovatskoi Respubliki. Moskva, Gosfinizdat, 1956. 168 p.

KOSIVTSOV, A. [The community center on a leading collective farm] Klub peredovogo kolkhoza. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1952. 45 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 7) [MICROFILM]

KOSOLAPOV, A.M. [The economic structure of the Chinese People's Republic; a lecture] Ekonomicheskii stroi Kitaiskoi Narodnoi Respubliki; lektsiia. [Leningrad] Izd-vo Leningradskogo univ., 1956. 31 p.

KURNIN, D.N. [Mail-order business in foreign countries] Posylochnaia torgovlia za rubezhom. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 40 p.

LEONT'EV, L.A. [The fundamental economic task of the U.S.S.R.] Osnovnaia ekonomicheskaia zadacha SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 197 p.

MIKHAILOV, P.M. [The U.S.A. and England in capitalist markets after the Second World War] SShA i Angliia na kapitalisticheskikh rynkakh posle Vtoroi Mirovoi voiny. Moskva, Izd-vo Akademii nauk SSSR, 1956. 137 p. (Nauchno-populiarnaia serila)

[MITLA; a calendar and almanac for 1956] Mitla; kalendar' al'manakh na 1956. Buenos Aires, La Escoba, 1956. 124 p.
(OCl)

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII FINANSOVYI INSTITUT. [Amortization in Soviet industry] Amortizatsiia v promyshlennosti SSSR. Moskva, Gosfinizdat, 1956. 238 p.

MOSKOVSKII METORPOLITEN IMENI V.I.LENINA. Lenin metropolitan railway of Moscow. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. 1 v. (unpaged, chiefly illus.) [Parallel texts in Russian, English, French, and German.]

MOTULEVICH, P.A., P.S.USHAKOV, and I.M.SHUKHATOVICH. [Accounting in railroad transportation] Bukhgalterskii uchet na zheleznodorozhnom transporte. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 359 p.

NAUMOVA, L.N. [Factors lowering the cost of cement. Abstract of a dissertation for the degree of candidate in economics] Faktory snizheniia sebestoimosti tsementa. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata ekonomicheskikh nauk. Moskva, Moskovskii gos. ekon. institut, 1956. 12 p.

NEUSYKHIN, A.I. [The origin of a dependent peasantry as a class in early feudal society in Western Europe during the 6th - 8th centuries] Vozniknovenie zavisimosti krest'ianstva kak klassa rannefeodal'nogo obshchestva v Zapadnoi Evrope VI-VIII vv. Moskva, Akademiia nauk SSSR, 1956. 418 p.
(NNC)

[NEW PATHWAY JUBILEE BOOK, 1930-1955, AND ALMANAC FOR 1956-1957] IUvileina knyha "Novoho Shliakhu" 1930-1955 i kalendar al'manakh na 1956-1957 r. Winnipeg, 1956. 320 p.

OIZERMAN, T.I. [Development of Marxist theory from knowledge gained in the revolution of 1848] Razvitie marksistskoi teorii na opyte revoliutsii 1848 g. Moskva, Gos. izd-vo polit. lit-ry, 1955. 286 p.

[OUR EXPERIENCE IN REDUCING THE COST OF PACKAGING; a collection of articles] Nash opyt snizheniia raskhodov po tare; sbornik statei. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 14 p. (Peredovoi opyt v torgovle)

OVSIANNIKOVA, S.A. [Studying the history of the workers' movement in a district; a manual for workers in local museums] Izuchenie istorii rabochego dvizheniia kraia; posobie dlia rabotnikov kraevedcheskikh muzeev. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 65 p.

PANIUKOVA, Z.S. [Collective farm income and its distribution] Dokhody kolkhozov i ikh raspredelenie. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva. Vyp. 2, no. 11)

PETROPAVLOVSKII, A.N. [A collection of problems and exercises for the "Commercial arithmetic" course; for the preparation of accountants and bookkeepers of industrial enterprises] Sbornik zadach i uprazhnenii po kursu "Khoziaistvennye vychisleniia"; dlia kursov podgotovki schetovodov i bukhgalterov promyshlennykh predpriiatii. Pod red. P.P. Andreeva. Moskva, Gos. statisticheskoe izd-vo, 1956. 75 p.

PIATNITSKII, O.A. [A Bolshevik's notes] Zapiski bol'shevika. Izd. 5-oe. Moskva, Gos. izd-vo polit. lit-ry, 1956. 226 p.

PLINER, M.D. [Accounting on a business basis and profitableness. Cost and price] Khozialstvennyi raschet i rentabel'nost'. Sebestoimost' i tsena. [Leningrad- Izd-vo Leningradskogo univ., 1956. 54 p.

POCHIVALOV, L.V., and I.M.SHATUNOVSKII. [A great region awaits you] Vas zhdet velikii krai. Moskva, Izd-vo TsK VLKSM 'Molodaia gvardiia," 1956. 37 p.

PODSHIVALENKO, P.D. [The financing of construction] Finansirovanie stroitel'stva. Moskva, Gosfinizdat, 1956. 193 p.

POLYNSKII, P.A. [The district economic conference; a valuable innovation of Gorodok Communists] Raionnaia ekonomicheskaia konferentsiia; tsennyi pochin gorodokskikh kommunistov. Moskva, Gos. izd-vo polit. lit-ry 1956. 32 p. (Iz opyta raboty partiinykh organizatsii)

POPOV, V.F. [Role of the State Bank in the national economy of the U.S.S.R.; revised transcript of a lecture delivered at a seminar for Moscow employees in finance and banking] Rol' Gosudarstvennogo banka v narodnom khoziaistve SSSR; pererabotannaia stenogramma lektsii, prochitannoi na seminare finansovo-bankovskikh rabotnikov Moskvy. Moskva, Gosfinizdat, 1956. 54 p. (V pomoshch' ekonomicheskomu obrazovaniiu)

PROSVITA SOCIETY IN FORT WILLIAM, ONTARIO. [Golden jubilee; articles and memoirs marking the 50th anniversary of the founding of the "Prosvita" Society in Fort William, Ontario, 1906-1956] Zolotyi iuvilei; statti i spomyny z nahody 50-littia tsiial'nosty tovarystva "Prosvita" u Fort Villiami, Ontario, Winnipeg, 1956. 93 p.

PROTOPOPOV, S.N. [Analysis of the management of construction projects and building organizations] Analiz khoziaistvennoi deiatel'nosti stroek i stroitel'nykh organizatsii. Izd. 2-oe, perer. Moskva, Gosfinizdat, 1956. 231 p.

PURYSHEV, S.P. [A collection of calculation tables for machine-tractor stations; the determination of the percentage of the fulfillment of shift work norms, conversion of tractor operations and hectares plowed, computing fuel consumption according to tractor operation norms] Sbornik raschetnykh tablits dlia MTS; opredelenie protsenta vypolneniia smennykh norm vyrabotki, perevod traktornykh rabot i gektary uslovnoi pakhoty, ischislenie raskhoda gorfuchego po normam na traktornye raboty. Moskva, Gosstatizdat, 1956. 286 p.
DS

A 3 - 5

PUSTOVALOV, I.S. [Soviet industry in the sixth five-year plan] Promyshlennost' SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 2)

RATNER, S.D. [Problems in determining the effective use of working capital in industrial enterprises] Voprosy opredeleniia effektivnosti ispol'zovaniia oborotnykh sredstv promyshlennykh predpriiatii. Moskva, Gosfinizdat, 1956. 81 p.

RAUD, V.M. [Economic antecedents of the first Russian revolution of 1905-1907] Ekonomicheskie predposylki pervoi russkoi revoliutsii 1905-1907 gg. [Leningrad] Izd-vo Leningradskogo univ., 1956. 116 p.

[REFERENCE MANUAL FOR TAKING STOCK OF FIXED CAPITAL IN COMMUNAL HOUSING; a collection of decrees, instructions, orders and directives on inventory taking (in force July 1, 1956)] Spravochnik po inventarizatsii osnovnykh fondov zhilishchno-kommunal'nogo khoziaistva; sbornik vazhneishikh postanovlenii, instruktsii, prikazov i rasporiazhenii po inventarizatsii (po sostoianiiu na 1 iiulia 1956 g.). Izd. 2-oe, ispr. i dop. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 359 p.

ROZHDESTVENSKII, I.D. [Siberia, land of a great future] Sibir' - kraĭ bol'shogo budushchego. Moskva, Gos. izd-vo polit. lit-ry, 1956. 44 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo finansov. [Model accounting plan for the principal activities of supply and marketing organizations and instructions for its use] Tipovoi plan schetov bukhgalterskogo ucheta osnovnoi deiatel'nosti snabzhencheskikh i sbytovykh organizatsii i instruktsiia po ego primeneniiu. Moskva, Gosstatizdat, 1956. 119 p.

SEMENOVA, I.P., and V.V.SAVOST'IANOV, comps. [Concise Bulgarian-Russian and Russian-Bulgarian dictionary of foreign trade terms] Kratkii bolgarsko-russkii i russko-bolgarskii vneshnetorgovyi slovar'. Moskva, Vneshtorgizdat, 1956. 235 p.

SHUMOV, N.S. [State bank credit to industrial enterprises for settling accounts] Raschetnye kredity Gosbanka promyshlennym predpriiatiiam. Moskva, Gosfinizdat, 1956. 73 p. (V pomoshch' rabotnikam promyshlennykh predpriiatii)

SILIN, K.P. [Kyakhta in the 18th century; history of Russian-Chinese trade] Kiakhta v XVIII veke; iz istorii russko-kitaiskoi torgovli. [Irkutsk] Irkutskoe obl. izd-vo, 1947. 203 p.
(CU MICROFILM)

SINITSYN, R.V. [Progressive practices in displaying shoes] Peredovoi opyt pokaza obuvi. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 49 p. (Peredovoi opyt v torgovle promyshlennymi tovarami)

SLATIN, I.M. [Government procurement of agricultural products in the U.S.S.R.] Gosudarstvennye zagotovki sel'skokhoziaistvennykh produktov v SSSR. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 46 p.
DS

SLATIN, I.M. [Procurement and purchase of agricultural products in the U.S.S.R.] Zagotovki i zakupki sel'skokhoziaistvennykh produktov v SSSR. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva. Vyp. 2, no. 8)

SMIRNOV, V.K. [Wage organization in machine-building enterprises] Organizatsiia zarabotnoi platy na mashinostroitel'nom predpriiatii. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 10)

SULIMOV, I.A. [Economic law of the preferential development of the production of the means of production] Ekonomicheskii zakon preimushchestvennogo rosta proizvodstva sredstv proizvodstva. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, no. 54)

[A THEORY OF STATISTICS] Teoriia statistiki. Izd. 2-oe, perer. i dop. Moskva, Gos. statist. izd-vo, 1956. 604 p.

TROITSKII, S.M. [Finance and financial policy of Russia in the middle of the 18th century. Abstract of a dissertation for the degree of candidate of the historical sciences] Finansy i finansovaia politika v Rossii v seredine XVIII veka. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata istoricheskikh nauk. Moskva, Moskovskii gos. istoriko-arkhivnyi institut, 1956. 16 p.

TSAGOLOV, N.A. [Studies on Russian economic thought in the period of the decline of serfdom] Ocherki russkoi ekonomicheskoi mysli perioda padeniia krepostnogo prava. Moskva, Gos. izd-vo polit-ry, 1956. 464 p.

TUSHMALOV, V. [The collective farm community center] Kolkhoznyi klub. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1951. 53 p. (Bibliotechka sel'skogo kul'tprosvetrabotnika, no. 5)
[MICROFILM]

VEKENT'EV, A.I. [Development of the national economy of the U.S.S.R. in the sixth five-year plan] O razvitii narodnogo khoziaistva SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 9)

VLASOV, B.V. [Reducing labor expenditure in accessory work in industry] Sokrashchenie zatrat truda na vspomogatel'nykh rabotakh v promyshlennosti. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 9)

VOLODARSKII, L.M. [Industrial statistics] Statistika promyshlennosti. Izd. 2-oe, dop. Moskva, Gos. statisticheskoe izd-vo, 1956. 165 p.

VOLODIN, S.A. [Supplying the trade organization of the Union Press] Snabzhenie torgovoi seti Soiuzpechati. Moskva, Gos. izd-vo lit-ry po voprosam svlazi i radio, 1956. 42 p.

ZATSEPILIN, N.F. [The international significance of the Soviet sixth five-year plan; a lecture] Pro mizhnarodne znachennia shostoi radians'koi p'iatyrichky; stenograma publichnoi lektsii. Kyiv, 1956. 39 p. (Tovarystvo dlia poshyrennia politychnykh ta naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 15)

ZHUKOVA, L.F. [Improvement in the well-being and culture of the people of Czechoslovakia] Pod"em blagosostoianiia i kul'tury narodov Chekhoslovakii. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 77 p. (Bibliotechka v pomoshch' lektoru, no. 23)

ZIMIN, A.V. [Industry on a new upswing] Promyshlennost' na novom pod"eme. [Sverdlovsk] Sverdlovskoe kn-vo, 1956. 54 p. (Sverdlovskaia oblast' v shestoi piatiletke)

## 6. POLITICAL SCIENCE

BABII, B.M. [Local organs of government in the Ukraine during the years 1917-1920] Mistsevi organy derzhavnoi vlady Ukrains'koi RSR v 1917-1920 rr. Kyiv, Vyd-vo Akademii nauk URSR, 1956. 267 p.

CHOSON NODONG-DANG. [Statutes of the Korean Workers' Party; adopted at the Third Congress of the Korean Workers' Party, April 1956] Ustav Trudovoi partii Korei; priniat III s"ezdom TPK v aprele 1956 g. [Moskva, Izd-vo Vysshei partiinoi shkoly pri TsK KPSS] 1956. 21 p.

CHURAEV, V.M. [Raise Party organizational work to the standard set by the 20th Congress of the Communist Party of the Soviet Union] Partiino-organizatsionnuiu rabotu - na uroven' zadach, postavlennykh XX s"ezdom KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1956. 93 p. (Voprosy partiinogo stroitel'stva)

[COMMUNISTS IN THE STRUGGLE FOR AUSTRIAN INDEPENDENCE; a collection. Translated from the German] Kommunisty v bor'be za nezavisimost' Avstrii; sbornik. Perevod s nemetskogo. Moskva, Izd-vo inostrannoi lit-ry, 1956. 241 p.

DVORKIN, I.N. [Peaceful coexistence of socialism and capitalism] O mirnom sosushchestvovanii sotsializma i kapitalizma. Izd. 2-oe, dop. Moskva, Gos. izd-vo polit. lit-ry, 1956. 143 p.

GIL'GULIN, M.D. [Eleventh All-R... the Russian Communist Party (B... tatala Vsesoiuznaia konferentsiia ... Gos. izd-vo polit. lit-ry, 1956. ... renţsii K[PSS])

[A GREAT FORCE; some forms and ... political work in industrial enter... of articles] Velikaia sila; o ... metodakh massovo-politicheskoi ... lennykh predpriiatiiakh. Sbornik ... izd-vo polit. lit-ry, 1956. 149 p. ... tilnykh organizatsii)

GRIGOR'EV, I., and S.OLENEV. [... the Soviet Union for European ... (1925-1933)] Bor'ba SSSR za ... Europe (1925-1933 gg.). Moskva, ... lit-ry, 1956. 150 p.

HORKUN, V.I. [Lenin's principle of ... ence of the two systems] Leninskii ... ho splivuvannia dvokh system. Kyiv, ... (Tovarystvo dlia poshyrennia ... znan' Ukrains'koi RSR. Ser. 1, no. ...

[IDEOLOGICAL WORK OF PARTY ...] Ideologicheskaia rabota partiinykh ... skva, Gos. izd-vo polit. lit-ry, 1956. ...

KHRUSHCHEV, N.S. [On to new ... speeches to young people] Na novye ... rechi pered molodezh'iu. [Moskva] ... "Molodaia gvardiia," 1956. 110 p.

KONIUKHOV, G.A. [Thirteenth ... Communist Party (Bolshevik)] Trinadtsatyi ... tsiia RKP(b). Moskva, Gos. izd-vo ... 70 p. (S"ezdy i konferentsii K[PSS])

KOTOV, M.I. [Great union of peace-loving ... World Peace Assembly in Helsinki, ... Velikoe edinstvo miroliubivykh sil, ... bitsia mira v Khel'sinki, 22-29 iiunia ... skva, Znanie, 1955. 38 p. (Vsesoiuznoe ... po rasprostraneniiu politicheskikh i ... sil)
(CSt-H)

KRIVOSHEI, A.F. [The work of the ... paramount] Glavnoe - v ... Moskva, Gospolitizdat, 1956. 95 p. ... partiinykh organizatsii)
DS

KRUPNYTS'KYI, B. [Federalism in Eastern ... reflections on G. von Rauch's work "Russia, ... unity and national diversity"] Federalizm na ... Evropy; rozdumi navkolo z pryvodu pratsi G. fon ... kha "Rosiia, derzhavna iednist' i natsionalna ... svoieridnosti." Paryzh, Vyd. Ukrains'koho ... drukarni u Francii, 1956. 35 p.

LENIN, V.I. [Lenin on the development of the party] ... Lenin o partiinom stroitel'stve. Moskva, ... polit. lit-ry, 1956. 726 p.

NEDBAILO, P.E., and I.N.PAKHOMOV. [The ... committee of the rural soviet and the ... its work] Vykonkom sil'skoi Rady ta ... loho roboty. Kyiv, Derzh. vyd-vo polit. lit-ry ... 1955. 46 p. (Na dopomohu pratsivnykam ... Rad deputativ trudiashchykh)

[THE PEOPLE OF GUATEMALA AND THE UNITED FRUIT COMPANY. Translated from the Spanish] Narod Gvatemaly i "Iunaited frut kompani." ... s ispanskogo N.A. Buntman i E.P.Klusova. ... S.A. Gonionskogo. Moskva, Izd-vo inostrannoi ... 1954. 50 p.

PIASKOVS'KYI, A.V. [First (Tammerfors) Conference of the Russian Social Democratic Party] Persha (Tammerfors'ka) konferentsiia RSDRP. Kyiv, ... vyd-vo polit. lit-ry URSR, 1956. 43 p. (Z'izdy i ... ferentsii KPRS)

POPOV, A.A. [The foreign policy of the U.S.S.R. is a policy of peace; a bibliography] Vneshniaia politika SSSR - politika mira; ukazatel' literatury. Leningrad, Gos. publichnaia biblioteka im. M.E.Saltykova-Shche... dryna, 1956. 79 p.

PUKHOVSKII, N.V. [The possibility of averting war at present] O vozmozhnosti predotvrashcheniia voiny v sovremennuiu epokhu. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 33)

RUSSIA (1923- U. S. S. R.) Ministerstvo inostrannykh del. [The diplomatic corps in Moscow] Diplomaticheskii korpus v Moskve. [n. p.] IAnvar', 1951. 130 p. [MICROFILM]

RUSSIA (1923- U. S. S. R.) Treaties, etc. [Collection of existing treaties, agreements, and conventions concluded between the U. S. S. R. and foreign governments] Sbornik deistvuiushchikh dogovorov, soglashenii i konventsii, za kliuchennykh SSSR s inostrannymi gosudarstvami. Moskva, Gos. izd-vo polit. lit-ry.
No. 13. [Existing treaties, agreements, and conventions which went into effect between January 1, 1947 and December 31, 1948] Deistvuiushchie dogovory, soglasheniia i konventsii, vstupivshie v silu mezhdu 1 ianvaria 1947 goda i 31 dekabria 1948 goda. 1950. 404 p.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the U.S.S.R., fourth convocation; fifth session (July 11-16, 1950). Stenographic report] Zasedaniia Verkhovnogo Soveta SSSR, chetvertogo sozyva; piataia sessiia (11-16 iiulia 1950 g.). Stenograficheskii otchet. [Moskva] 1950. 395 p.

SAMYLOVSKII, I.V. [Panchasila; the five principles of international relations] Pancha shila; piat' printsipov mezhdunarodnykh otnoshenii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 47 p.

SHCHETININ, B. V. [Marxism-Leninism on the forms of the socialist state] Marksizm-leninizm o formakh sotsialisticheskogo gosudarstva. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 53)

SHCHUR, P. N. [Soviet patriotism, the source of the strength and might of army and navy] Sovetskii patriotizm - istochnik sily i mogushchestva armii i flota. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 63 p.

SOLOV'EV, A. A. [The eighteenth conference of the All-Union Communist Party] Vosemnadtsataia konferentsiia VKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1956. 78 p. (S"ezdy i konferentsii KPSS)

SUSLOV, M. A. [Thirty-ninth anniversary of the Great October Socialist Revolution] 39-ia godovshchina Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 31 p.

UDMURT A.S.S.R. Verkhovnyi Sovet. Informatsionno-statisticheskii otdel. [Administrative and territorial divisions of the Udmurt A.S.S.R. as of September 1, 1955] Administrativno-territorial'noe delenie Udmurtskoi ASSR na 1 sentiabria 1955 goda. Izhevsk, Udmurtskoe kn-vo, 1956. 243 p.

[UNDER NEW CONDITIONS; party work in rural districts of Omsk Province] V novykh usloviiakh; iz opyta partiinoi raboty v sel'skikh raionakh Omskoi oblasti. [Omsk] Omskoe obl. kn-vo, 1955. 78 p.

VORONOVA, P.S. [The Party group at building sites] Partgruppa na stroike. [Moskva] Moskovskii rabochii, 1956. 55 p.

## 7. LAW

ADAEVA, D.M. [1927 Constitution of the Turkmen S.S.R. Abstract of a dissertation for the degree of candidate of the juridical sciences] Konstitutsiia Turkmenskoi SSR 1927 goda. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Akademiia nauk SSSR, 1955. 15 p. [MICROFILM]

AKSENENOK, G.A. [Land laws in the U.S.S.R. Abstract of a dissertation for the degree of doctor of the juridical sciences] Zemel'nye pravootnosheniia v SSSR. Avtoreferat dissertatsii na soiskanie uchenoi stepeni doktora iuridicheskikh nauk. Moskva, Akademiia nauk SSSR, 1955. 36 p. [MICROFILM]

CHINA (People's Republic of China, 1949- ) Laws, statutes, etc. [Law of the organization of the people's court in the Chinese People's Republic] Zakon ob organizatsii Narodnogo suda Kitaiskoi Narodnoi Respubliki. Moskva, Gos. izd-vo iurid. lit-ry, 1955. 14 p.

[CONSTITUTIONS OF FOREIGN SOCIALIST GOVERNMENTS] Konstitutsii zarubezhnykh sotsialisticheskikh gosudarstv. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 400 p.

CZECHOSLOVAK REPUBLIC. Laws, statutes, etc. [Codes of civil law and civil procedure and family law of the Czechoslovak Republic. Translated from the Czech] Grazhdanskii i grazhdansko-protsessual'nyi kodeksy i zakon o sem'e Chekhoslovatskoi Respubliki. Perevod s cheshskogo. Pod red. A. B. Dozortseva. Predisl. S. N. Bratusia. Moskva, Izd-vo inostrannoi lit-ry, 1952. 390 p. (Kodeksy stran narodnoi demokratii)
(NNC)

EGYPT. Constitution. [Constitution of the Republic of Egypt] Konstitutsiia Respubliki Egipta. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 31 p.

ERENOV, ABDUALI, and SAGYNDYK BAISALOV. [Law governing the use of water for agricultural purposes in Kazakhstan] Pravo sel'skokhoziaistvennogo vodopol'zovaniia v Kazakhskoi SSR. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 170 p.

GEL'FER, M. A. [Principal features of the criminal law of Yugoslavia] Osnovnye cherty ugolovnogo prava Federativnoi Narodnoi Respubliki IUgoslavii. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 53 p.

[GENERAL AND SPECIAL DELIVERY REGULATIONS] Sbornik osnovnykh i osobykh uslovii postavki. Moskva, Gos. izd-vo iurid. lit-ry.
Pt. 1. [...of industrial and technical goods] ...produktsii material'no-tekhnicheskogo naznacheniia. 1956. 1042 p.
Pt. 2. [...of consumers' goods] ...tovarov narodnogo potrebleniia. 1956. 697 p.

GEORGIA (Transcaucasia) Constitution. [Constitution (fundamental law) of the Georgian Soviet Socialist Republic] Konstitutsiia (osnovnoi zakon) Gruzinskoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dop., priniatymi na VI sessii Verkhovnogo Soveta Gruzinskoi SSR tret'ego sozyva i I i II sessiiami Verkhovnogo Soveta Gruzinskoi SSR chetvertogo sozyva. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 31 p.

KOETKINA, I.A. [Responsibility of herdsmen and owners for damage and injury to crops and plantings] Otvetstvennost' pastukhov i vladel'tsev skota za potravy i povrezhdeniia posevov i nasazhdenii. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 45 p.

KONI, A.F. [Selected works; articles and notes, legal speeches, memoirs] Izbrannye proizvedeniia; stat'i i zametki, sudebnye rechi, vospominaniia. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 888 p.

KOZHEVNIKOV, F.I. [Manual on international public law] Uchebnoe posobie po mezhdunarodnomu publichnomu pravu. Moskva, IUrid. izd-vo NKIu SSSR.
Pt. 3. [Organs of foreign relations] Organy vneshnikh snoshenii. 1945. 45 p.

NOVITSKII, I.B., K.A.GRAVE, and D.A.LESKOVETS. [Legal regulation of commerce between town and country] Pravovoe regulirovanie tovarooborota mezhdu gorodom i derevnei. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 270 p.
DS

RONIN, S.L. [The principle of proletarian internationalism in Soviet socialist law] Printsip proletarskogo internatsionalizma v sovetskom sotsialisticheskom prave. Moskva, Izd-vo Akademii nauk SSSR, 1956. 270 p.

SARKISBEKOVA, I.I. [The role of Soviet labor law in the preparation and advanced training of personnel for government enterprises. Abstract of a dissertation for the degree of candidate of the juridical sciences] Rol' sovetskogo trudovogo prava v dele podgotovki i povysheniia kvalifikatsii kadrov gosudarstvennykh predpriiatii. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Akademiia nauk SSSR, 1955. 15 p. [MICROFILM]

SLUTSKII, I.I. [Extenuating circumstances in criminal law] Obstoiatel'stva, iskliuchaiushchie ugolovnuiu otvetstvennost'. [Leningrad] Izd-vo Leningradskogo univ., 1956. 116 p.

TURKMEN S.S.R. Laws, statutes, etc. [Collection of laws of the Turkmen S.S.R. in force as of May 1, 1954] Sbornik deistvuiushchego zakonodatel'stva Turkmenskoi SSR na 1 maia 1954 goda. Ashkhabad, Turkmengosizdat, 1955. 339 p.

YAKUT A.S.S.R. Constitution. [Constitution (fundamental law) of the Yakut A.S.S.R.] Sakha Avtonomnai Sovetskai Sotsialisticheskai Respublikatyn Konstitutsiiata (torut sokuona). IAkutskai, Sakha sirinecchi kinige izdatel'stvata, 1956. 46 p. [In Yakut.]

## 8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Instruction and training in the kindergarten] Vospitanie i obuchenie v detskom sadu. Pod red. E.I.Radinoi. Moskva, 1955. 129 p. (Pedagogicheskie chtenila)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Work training in kindergartens; practical experience] Trudovoe vospitanie v detskom sadu; iz opyta raboty. Pod red. V. G. Nechaevoi. Moskva, 1956. 76 p. (Pedagogicheskie chtenila)

ALEKSANDROV, M. N. [The manly sport] Sport muzhestva. Izd. 2-e, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 41 p.

BELIAEV, I.N., V.M.KOSTIN, and R.B.LEVIN. [Refereeing basketball games] Sudeistvo sorevnovanii po basketbolu. Izd. 2-e, ispr. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 151 p.

BOCHKAREVA, M. A. [Publicizing literature on the training of children; the practice of Moscow public libraries] Propaganda literatury o vospitanii detei; iz opyta raboty massovykh bibliotek Moskvy. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 93 p.

D'IACHKOV, V.M. [Pole vaulting] Pryzhok s shestom. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1955. 322 p.

IAKOVLEV, V.G. [Grow up in physical culture] Rasti fizkul'turnikom. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 156 p.

KALININ, M.I. [Communist education; selected speeches and articles] O kommunisticheskom vospitanii; izbrannye rechi i stat'i. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 381 p.

KULESHOV, A. and M. KORNEV. [American sports in the service of reaction] Amerikanskii sport na sluzhbe reaktsii. Izd. 2-e, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1954. 88 p.

LVOV, UNIVERSYTET. A.S.Makarenko. [L'vov] Vol. 3. 1956. 160 p.

MAIZELIS, L.L. [Rook against pawn; a theory of rook end games] Lad'ia protiv peshek; k teorii ladeinogo endshpilia. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 108 p.

MAKARENKO, A.S. [Communist education; selected pedagogical works] O kommunisticheskom vospitanii; izbrannye pedagogicheskie proizvedenila. Izd. 2-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 579 p.

MOSCOW. UNIVERSITET. [Brief sketch of the departments and special facilities for students entering Moscow University] Kratkii ocherk fakul'tetov i spetsial'nostei dlia postupaiushchikh v MGU. Pod red. G.D.Vovchenko. [Moskva] 1956. 50 p.
(MH)

NIKOLAEV, P.N. [Manual for teachers of elementary schools working with several classes] V pomoshch' uchiteliu nachal'noi shkoly, rabotaiushchemu s neskol'kimi klassami. Cheboksary, Gos. izd-vo Chuvashskoi ASSR, 1956. 103 p.

POLIKARPOV, V. [The Central Stadium] TSentral'nyi stadion. Moskva, Izd-vo gazety "Sovetskii sport," 1956. 18 p.

SEMASHKO, N.V. [Basketball; for children and teenagers] Basketbol; dlia detei srednego i starshego vozrasta. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 60 p.

SYNYTSIA, I.O. [Pedagogical tact in training children in the home] Pedagogichnyi takt u vykhovanni ditei v sim'i. Kyiv, 1956. 34 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser. 4, no. 10)

TAIMANOV, M.E. [Nimzowitsch's defense; an analysis of his principal openings] Zashchita Nimtsovicha; analiz osnovnykh debiutnykh sistem. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 237 p.

A 8 - 11

[TOURING BY AUTOMOBILE AND MOTORCYCLE; a tourist's manual] Avtomobil'nyi i mototsikletnyi turizm; sputnik turista. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 271 p.

VASIL'EV, V. L. [On the bank of Kakhovka Reservoir] Na beregu Kakhovskogo moria. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 84 p.

[YOU HAVE THE FLOOR] Slovo za toboi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 86 p.

ZHURIN, B.I. [Parent associations as aids to schools in the communist education of children] Roditel'skaia obshchestvennost' v pomoshch' shkole po kommunisticheskomu vospitaniiu detei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1952. 174 p.

## 9. MUSIC, THEATER & MOTION PICTURES

[COMPOSERS OF THE "MIGHTY FIVE" GROUP ON PROGRAM MUSIC; extracts from letters, memoirs, and critical articles] Kompozitory moguchei kuchki o programmnoi muzyke; izbrannye otryvki iz pisem, vospominanii i kriticheskikh statei. Moskva, Gos. muzykal'noe izd-vo, 1956. 185 p. (Russkaia klassicheskaia muzykal'naia kritika)

GARGA, B.D., and BALVANT GARGI. [Motion pictures of India. Translated from the English] Kino Indii. Perevod s angliiskogo O.Gruzinovoi. Moskva, Gos. izd-vo "Iskusstvo," 1956. 75 p. (Kinoiskusstvo zarubezhnykh stran. Populiarnye ocherki)

KYSEL'OV, IOSYP. [Portraits from the theater; sketches of masters of the Ukrainian stage] Teatral'ni portrety; narysy pro maistriv ukrains'koi radians'koi stseny. Kyiv, Mystetstvo, 1955. 335 p.

L'VOV, N. I. [Kazakh Academy Theater of Drama; a brief sketch] Kazakhskii akademicheskii teatr dramy; kratkii ocherk. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1954. 78 p.

MEDVEDEV, A.V. IUrii Militin. Moskva, Muzykal'nyi fond SSSR, 1956. 38 p.

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Irina Viktorovna Tikhomirnova. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Ivan Semenovich Kozlovskii. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Leonid Vital'evich Sobinov. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Maksim Dormidontovich Mikhailov. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Nadezhda Andreevna Obukhova. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Natal'ia Dmitrievna Shpiller. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Nikandr Sergeevich Khanaev. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Sergei IAkovlevich Lemeshev. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. Valeriia Vladimirovna Barsova. Moskva, Gos. izd-vo "Iskusstvo," 1954. 1 v. (unpaged)

MYKHAILOV, M. M. [Musical culture of the Rumanian People's Republic] Muzychna kul'tura Rumuns'koi Narodnoi Respubliky. Kyiv, 1956. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 4, no. 11)

ODOEVSKII, V.F. [The musical literary heritage] Muzykal'no-literaturnoe nasledie. Moskva, Gos. muzykal'noe izd-vo, 1956. 722 p.

OSTROVSKII, A. N. [Actors and admirers] Talanty i poklonniki. Moskva, Goslitizdat, 1956. 70 p. (MH)

PROKOF'EV, G.P. [The formation of an accomplished pianist] Formirovanie muzykanta-ispolnitelia-pianista. Pod red. B.M.Teplova. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 478 p.

[SONGS FOR YOUTH] Pisni dlia molodi. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1956. 308 p.

VASINA-GROSSMAN, V. A. [The classical Russian musical romance of the 19th century] Russkii klassicheskii romans XIX veka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 350 p.

[WE ARE FOR PEACE; a literary and musical program] My za mir; [literaturno-muzykal'naia programma.] [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1952. 66 p. [MICROFILM]

ZOLOTAREV, V. A. [The fugue; a manual for practical study] Fuga; rukovodstvo k prakticheskomu izucheniiu. Izd. 2-oe. Obshchaia red. S. V. Evseeva. Moskva, Gos. muzykal'noe izd-vo, 1956. 412 p.

## 10. FINE ARTS

AKADEMIIA KHUDOZHESTV, Leningrad. Sessiia 5th, 1953. [Report on the work of the Academy of Arts of the U.S.S.R. for 1950-1952; discussions and decisions] Otchetnyi doklad o rabote Akademii khudozhestv SSSR za 1950-1952 gg.; prenlia i postanovlenita, 24-27 aprelia. [Moskva] Gos. izd-vo "Iskusstvo," 1953. 113 p. (Sessii Akademii khudozhestv SSSR)

AKADEMIIA NAUK SSSR, Institut istorii iskusstv. [Outline history of Soviet motion pictures; in three volumes] Ocherki istorii sovetskogo kino; v trekh tomakh. Pod red. IU.S.Kalashnikova i dr. Moskva, Gos. izd-vo "Iskusstvo."
Vol. 1. (1917-1934). 1956. 622 p.

ALEEV, R. [Poster in community centers] Plakat v klube. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1952. 82 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 13) [MICROFILM]

[INDIAN HANDICRAFT WARES [based on the 1955 exhibition in Moscow] Kustarnye izdeliia Indii; [po materialam vystavki 1955 goda v Moskve] [Moskva, Sovetskii khudozhnik, 1956] 40 post cards (in portfolio)

KAS'IANOV, O.M. [Kharkov; a historical architectural sketch] Kharkiv; istoryko-arkhitekturnyi narys. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1956. 22 p., illus.

LAVROVA, O.I. Aleksei Stepanovich Stepanov, 1858-1923. Moskva, Gos. izd-vo "Iskusstvo," 1956. 46 p.

MOSCOW. GOSUDARSTVENNYI MUZEI IZOBRAZITEL'NYKH ISKUSSTV. [French painting of the 19th century; exhibition of pictures from French museums. Catalog] Frantsuzskaia zhivopis' XIX veka; vystavka kartin iz sobranii frantsuzskikh muzeev. Katalog. Moskva, Gos. izd-vo "Iskusstvo," 1956. 190 p.

MOSCOW. GOSUDARSTVENNYI MUZEI IZOBRAZITEL'NYKH ISKUSSTV. [The Japanese print of the 18th and 19th centuries; a catalog of an exhibition] IAponskaia graviura XVIII-XIX vv.; katalog vystavki. Moskva, 1956. 30 p., illus.

PERSIANOVA, O.M. [The Hermitage; a treasure house of world culture] Ermitazh - sokrovishchnitsa mirovoi kul'tury. Leningrad, Vses. ob-vo po rasprostraneniiu polit. i nauchnykh znanii, Leningradskoe otd-nie, 1956. 83 p.

## 11. LANGUAGE, LITERATURE & FOLKLORE

ABRAMOVICH, G.L. [Introduction to literary criticism; a manual for pedagogical institutes] Vvedenie v literaturovedenie; posobie dlia pedagogicheskikh institutov. Izd. 2-oe, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 367 p.

ACZEL, TAMAS. [Storm and sun. Translated from the Hungarian] Buria i solntse; roman. [Perekiad z uhors'koho O. Barana]. Uzhgorod, Zakarpats'ke oblasne vyd-vo, 1956. 1 v. (MH)

AESCHYLUS. [Prometheus bound. Translated from the ancient Greek] Prometei prikovannyi. [Perevod s drevne-grecheskogo.] Moskva, Gos. Izd-vo khudozh. lit-ry, 1956. 62 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut iazyka i literatury. [Life and works of Abai; a collection of articles] Abaidyn ómiri men tvorchestvosy. Zhizn' i tvorchestvo Abaia; sbornik statei. Pod red. M.Akhtinzhanova i Z.Akhmetova. Alma-Ata, 1953. 269 p. [In Kazakh and Russian.]

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Problems of method in studying the comparative history of Indo-European languages] Voprosy metodiki sravnitel'no-istoricheskogo izucheniia indoevropeiskikh iazykov. Moskva, 1956. 321 p.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [Pushkin; studies and papers] Pushkin; issledovaniia i materialy. Moskva,
Vol. 1. 1956. 502 p.

AKADEMIIA NAUK SSSR. Kazanskii filial. Institut iazyka, literatury i istorii. [Papers on dialectology] Materialy po dialektologii. Kazan', Tatknigoizdat, 1955. 116 p.

AMOSOVA, N.N. [Etymological foundation of the vocabulary of the modern English language] Etimologicheskie osnovy slovarnogo sostava sovremennogo angliiskogo iazyka. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 218 p. (Biblioteka filologa)

AMOSOVA, N. N. [Lexicology of the English language] Leksikologiia angliiskogo iazyka. Leningrad, 1955. 1 v. (MH)

ARAZI. [Collected works] Sobranie sochinenii. Erevan, Armianskoe gos. izd-vo. [In Armenian.]
Vol. 2. 1956. 350 p.

BAISHEV, T. G. [Bashkir dialects and their relations to the literary language] Bashkirskie dialekty v ikh otnoshenii k literaturnomu iazyku. Pod red. N. K. Dmitrieva. [Moskva] Izd. Moskovskogo univ. 1955. 111 p. (NNC)

BARINOVA, E.A. [Studying nouns in class 5; a manual for teachers in secondary schools] Izuchenie imen sushchestvitel'nogo v V klasse v pomoshch' uchitelia srednei shkoly. Izd. 3-oe, ispr. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 117 p.

BEAUMONT, FRANCIS. [The Knight of the Burning Pestle. Translated from the English] Rytsar' plamenoiushchego pestika; komedita v piati aktakh. [Perevod s angliiskogo]. Moskva, Gos. izd-vo "Iskusstvo," 1956. 130 p.

BEDNIAKOV, A.S. [Primer; textbook of the Russian language for Korean schools] Bukvar'; uchebnik russkogo iazyka dlia koreiskikh shkol. Izd. 3-e, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 160 p.

BEKKER, I. I. [Micklewicz in Petersburg] Mitskevich v Peterburge. [Leningrad] Leningradskoe gazetno-zhurnal'noe i kn-vo, 1955. 104 p., (CU)

BELKOV, A. K. [Party and Soviet press during the years of foreign military intervention and civil war (1918-1920)] Partiinaia i sovetskaia pechat' v gody inostrannoi voennoi interventsii i grazhdanskoi voiny (1918-1920 gg.) Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 38 p.

BEREZHNOI, ALEKSANDR. [History of the Party and the Soviet press; significance of V. I. Lenin's works "Editorial statement of 'Iskra' " and "With what shall we begin" in the history and practice of the Party and the Soviet press] K istorii partiino-sovetskoi pechati; znachenie rabot V. I. Lenina "Zaiavlenie redaktsii "Iskry" i "S chego nachat'?" v istorii i praktike partiino-sovetskoi pechati. [Leningrad] Izd-vo Leningradskogo univ., 1956. 116 p.

DRAGUNSKII, I.S. [History of Tajik folk poetry; elements of folk poetry in the monuments of ancient and medieval literature] Iz istorii tadzhikskoi narodnoi poezii; elementy narodno-poeticheskogo tvorchestva v pamiatnikakh drevnei i srednevekovoi pis'mennosti. Moskva, Izd-vo Akademii nauk SSSR, 1956. 495 p.

BRAHINETS', A.S. [Ivan Franko, outstanding atheist and enlightener] Ivan Franko vydatnyi ateist-prosvitytel'. [L'viv] Vyd-vo L'vivs'koho univ., 1956. 66 p.

CHEKHOV, A.P. [Stories and tales] Rasskazy i povesti. Moskva, Gos. izd-vo khudozh. lit-ry, 1954. 540 p.
(NcD)

[CONCISE KOREAN-RUSSIAN CONVERSATION GUIDE] Chere kani hoehwa-jip. [Sost. S.V.Neverov.] Mossuk'uba, Oeguk-mun Sojŏk Ch'ulp'an-sa [Moscow, Foreign Language Press] 1955. 111 p.

DEBORIN, G.A. [Precis writing] Sostavlenie konspekta. Izd. 2-e, dop. [Moskva] Moskovskii rabochii, 1956. 77 p.

DNEPROVSKII, S.P. [Up hill down dale] Po dolinam i po vzgor'iam. [Khabarovsk] Khabarovskoe kn-vo, 1956. 230 p.

DOROSHENKO, I.I. [The esthetics of labor in Ivan Franko's poetical works] Estetyka pratsi v poetychnii tvorchosti Ivana Franka. [L'vov] Vyd-vo L'vivs'koho univ., 1956. 56 p.

DOSTOEVSKII, F.M. [An author's diary for 1876[?]] Dnevnik pisatelia za 1876 [?] god. Parizh, YMCA-Press [195-?] 502 p.
(MnU)

DUDIN, M.A. [A beautiful autumn morning] Utro dobroi oseni. Leningrad, Sovetskii pisatel', 1956. 100 p.
(CU)

DZHALAL, MIR. [Stories. Translated from the Azerbaijani] Rasskazy. Perevod s azerbaidzhanskogo Az. Sharifa. Moskva, Pravda, 1956. 48 p. (Biblioteka "Ogonek," no. 19)
(CU)

EDEL', M.V. [Chrome boots; humorous stories] Khromovye sapogi; iumoristicheskie rasskazy. Moskva, Sovetskii pisatel', 1956. 220 p., illus.
(MH)

EHRENBURG, I.G. [The storm; a novel] Buria; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1949] 879 p.
(NcD)

ERSHOV, P.P. [The little hunchback horse] Konek-gorbunok. Risunki R. Saifulina. Moskva, Gos. izd-vo detskoi lit-ry, 1940. 109 p. (Shkol'naia biblioteka)
(MnU)

ERTEM, SADRI. [When spinning wheels stop; a novel. Translated from the Turkish] Kogda ostanavlivaiutsia priialki; roman. Perevod s turetskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 159 p.

[FAIRY TALES] Kazky. Nimechchyna, Ridne Slovo, 1954. 2 v.
(OCl)

FET, A.A. [Poems] Stikhotvoreniia. [Leningrad] Gos. izd-vo khudozh. lit-ry, 1956. 370 p.

[FIRST WORD] Pervoe slovo. [Moskva] Moskovskii rabochii, 1956. 142 p.
(MH)

GAIDOVSKII, GEORGII. [My friends, the sailors; Black Sea stories] Moi druz'ia - morianki; Chernomorskie rasskazy. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 178 p.

GAMZATOV, RASUL. [I think of you; narrative poem and verse. Translated from the Avarian] O tebe ia dumaiu; poema i stikhi. Perevod s avarskogo. Moskva, Izd-vo "Pravda," 1956. 30 p. (Biblioteka "Ogonek," no. 51)

[GENERAL AND INDO-EUROPEAN LINGUISTICS; a survey of the literature. Translated from the German] Obshchee i indoevropeiskoe iazykoznanie; obzor literatury. Perevod s nemetskogo. Red. i predisl. V.A. Zvegintseva. Moskva, Izd-vo inostrannoi lit-ry, 1956. 198 p.

GERASIMOVA, VALERIIA. [A common name; a tale] Prostaia familiia; povest'. Moskva, Izd-vo "Pravda," 1956. 45 p. (Biblioteka "Ogonek," no. 52)

GLADKOV, FEDOR. [Evil times] Likhaia godina. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 346 p.

GORDATOV, BORIS. [Collected works; in five volumes] Sobranie sochinenii; v piati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 5. [Plays, screenplays, articles, diaries] P'esy, stsenarii, stat'i, dnevniki. 1956. 611 p.

GORELIK, I.G. [Precise position; stories and sketches] Tochnaia pozitsiia; rasskazy i ocherki. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 246 p.

GRIBOEDOV, A.S. [Works] Sochineniia. [Podgotovka teksta, predisl. i kommentarii Vl. Orlova] Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 797 p.
(CU)

GRIEG, NORDAHL. [Selected works. Translated from the Norvegian] Izbrannoe. Perevody s norvezhskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 198 p.

GUDZII, N.K. Lev Nikolaevich Tolstoi. Izd. 2-oe, ispr. [Moskva] Izd-vo Moskovskogo univ., 1956. 114 p.

HAVRYLIUK, OLEKSANDR. [Selections; translated from the Ukrainian] Izbrannoe; perevod s ukrainskogo. Moskva, Sovetskii pisatel', 1956. 166 p.
(MnU)

HUMENNA, DOKHA. [Children of the Chumaki road; a novel in 4 books] Dity chumats'koho shliakhu; roman u 4 knyhakh. Miunkhen, Ukrains'ka trybuna, 1948.
Vol. 1.
Vol. 2.
Vol. 3.
(MnU)

ILIIA, L.I. [The article in French; a teacher's manual] Artikl' vo frantsuzskom iazyke; posobie dlia prepodavatelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 110 p.

IMANZHANOV, MUKAN. [First months; a tale. Translated from the Kazakh] Pervye mesiatsy; povest'. Avtorizovannyi perevod s kazakhskogo Z. Satikhova i B. IAkovleva. Moskva, Sovetskii pisatel', 1956. 240 p.
(MH)

ISHEVSKII, GEORGII. [Honor] Chest'. Parizh, Izd. Obshche Kadetskogo Ob"edinenila [n.d.] 320 p.

IUREZANSKII, VLADIMIR. [Vanished village; a historical novel] Ischeznuvshee selo; istoricheskii roman. Moskva, Sovetskii pisatel', 1956. 286 p.

[IVAN FRANKO IN THE RECOLLECTIONS OF HIS CONTEMPORARIES] Ivan Franko u spohadakh suchasnykiv. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1956. 592 p.

IVANOV, L.D. [Mykhailo Kotsiubyns'kyi; a critical and biographical sketch] Mikhail Kotsiubinskii; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 181 p.

KAGANOV, I.B. [Mitrofan's dizziness; a comedy in one act] Golovokruzhenie Mitrofana; komediia v odnom deistvii. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 23 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 33)

KAPUSTO, IU.B. [The life of Anna Akimova; a tale] Zhizn' Anny Akimovoi; povest'. Moskva, Sovetskii pisatel', 1956. 191 p.
(MH)

KATAEV, VALENTIN. [Collected works; in five volumes] Sobranie sochinenii; v piati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 4. [Stories, tales, sketches] Rasskazy, skazki, ocherki. 1956. 614 p.

KHUSNI, FATIKH. [Avyl estende ioldyzlar; povest'. Kazan, Tatknigoizdat, 1955. 197 p. [In Tatar.]
(NNC)

KHUZHIEV, GALI. [Idel khikaiase] Idel khikaiase. Kazan, Tatknigoizdat, 1955. 101 p.
(NNC)

KLENOVSKII, D. [Elusive companion] Neulovimyi sputnik. [n.p.] 1956. 1 v.
(MH)

KOBYLIANS'KA, OL'HA. [Works; in three volumes] Tvory; v tr'okh tomakh. Kyiv, Derzh. vyd-vo khudozh. lit-ry.
Vol. 1. (1887-1900). 1956. 589 p.

KOLOKOL'TSEV, N.V., and CH'OE CH'ANG-GIL. [A literary reader in the Russian language for class 5 in Korean schools] Kniga po literaturnomu chteniiu na russkom iazyke; dlia 5 klassa koreiskikh shkol. Izd. 2-oe, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 248 p.

KOLOKOL'TSEV, N.V., and CH'OE CH'ANG-GIL. [A literary reader in the Russian language for class 7 in Korean schools] Kniga po literaturnomu chteniiu na russkom iazyke; dlia 7 klassa koreiskikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 245 p.

KOL'TSOV, MIKHAIL. [Satire and sketches] Fel'etony i ocherki. Moskva, Izd-vo "Pravda," 1956. 445 p.

KÖRDO, Q. [Grammar of the Kurd language for classes 5 and 6] Gramatika z'mane kördi (ser zarave körmanshchi); bona komed V-VI. Erevan, Haipetusmankhrat, 1956. 173 p. [In Kurdish.]

KOROLENKO, V.G. [At-Davan; a story of Siberian life] At-Davan; iz sibirskoi zhizni. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 44 p.

KOSARYK, DMYTRO. [Shevchenko's haunts in the Ukraine] Shevchenkivs'ki mistsia na Ukraini. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 59 p.

KOZAKOV, MIKHAIL. [The fall of an empire; a novel in four parts] Krushenie imperii; roman v chetyrekh chastiakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 814 p.

KRACHKOVSKII, I.IU. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 2. 1956. 702 p.

KROTEVYCH, IE.V. [Construction of a complex sentence; a lecture] Budova skladnopidriadnoho rechennia; stenograma lektsii. [L'viv] Vyd. L'vivs'koho univ., 1951. 30 p.

KRIVITSKII, ALEKSANDR, and PAVEL KRAINOV. [In Bryansk forests] V Brianskikh lesakh. [Orel] Izd-vo "Brianskii rabochii," 1956. 159 p.

KRYMOV, IU.S. [The tanker "Derbent"] Tanker "Derbent." Moskva, Gos. izd-vo khudozh. lit-ry, 1952. 204 p.
(MnU)

KUDIN, O.I. [Volodymyr Sosiura; a lecture for correspondence students of pedagogical institutes] Volodymyr Sosiura; lektsiia dlia studentiv-zaochnykiv pedagogichnykh instytutiv. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 84 p.

KVITINSKII, N.M. [Speech development by means of lessons in reading literature in non-Russian schools; a manual for teachers in seven-year schools] Razvitie rechi na urokakh literaturnogo chteniia v nerusskoi shkole; posobie dlia uchitelei semiletnikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 203 p.

KYRK, KYZ. [Forty maidens; a Kara Kalpak folk poem] Sorok devushek; karakalpakskaia narodnaia poema. V perelozhenii Arsentia Tarkovskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 405 p.

KYRYLIUK, IEVHEN. [Ivan Franko, the great Ukrainian writer; on the centenary of his birth (1856-1956)] Ivan Franko - velikii ukrainskii pisatel'; k 100-letiiu so dnia rozhdenila (1856-1956). Simferopol', Krymizdat, 1956. 67 p.

LECONTE DE LISLE, CHARLES MARIE RENE. [Selected poems. Translated from the French] Poezii. Vybir i pereklady M. Oresta. Miunkhen, [Knop. druk. "TSitsero"] 1956. 80 p.

LENCH, LEONID. [From the realistic point of view; stories] S tochki zrenila realizma; rasskazy. Moskva, Sovetskii pisatel', 1956. 201 p.

A 11

LEVIN, L.I. P.A. Pavlenko. Izd. 2-e, ispr. i dop. Moskva, Sovetskii pisatel', 1956. 410 p.

LOHVYNENKO, MYKHAILO. [Mikhail Ostrovskii, an artist with words] Mykola Ostrovs'kyi - khudozhnyk slova. Kyiv, Radians'kyi pys'mennyk, 1956. 213 p.

LVOV. UNIVERSYTET. [Almanac] Al'manakh. Vol. 2. (1956). 1956. 189 p.

MAIOROV, MYKOLA. [Humorous sketches] Humoresky. Kyiv, Radians'kyi pys'mennyk, 1956. 93 p.

MAKOGONENKO, G.P. [Radishchev and his times] Radishchev i ego vremia. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 773 p.

MALYSHKO, ANDRII. [Works; in three volumes] Tvory; v tr'okh tomakh. Kyiv, Derzh. vyd-vo khudozh. lit-ry.
Vol. 1. 1956. 414 p.

MAMIN, D.N. [Stories. Sketches] Rasskazy. Ocherki. [Moskva] Pravda, 1954. 301 p. [Publ. under his pseud. Mamin-Sibiriak.]
(OCI)

[MANUAL FOR FOREIGN LANGUAGE TEACHERS; a collection of articles] V pomoshch' uchiteliu inostrannogo iazyka; sbornik statei. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 154 p.

MARGARIAN, A. [Marietta Shaginian; her career] Marietta Shaginian; tvorcheskii put'. Erevan, Armianskoe gos. izd-vo, 1956. 153 p.

MARSHAK, S.IA. [Children in a cage] Detki v kletke. Risunki Evgenii Charushina. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 23 p., illus.
(NcD)

MARSHAK, S.IA. [This is how absentminded he is] Vot kakoi rasseiannyi. Moskva, Detgiz, 1954. 14 p. (Moi pervye knizhki)
(CLU)

MASENKO, TEREN'. [Spring cranes; poems and verse] Vesnianі zhuravli; poema i virshi. Kyiv, Radians'kyi pys'mennyk, 1956. 159 p.
(MH)

MICKIEWICZ, ADAM. [Poems. Translated from the Polish] Stikhotvoreniia. Perevod s pol'skogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 182 p.

MIROSHNICHENKO, GRIGORII. [Azov; a novel] Azov; roman. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 532 p. (Sovetskii voennyi roman)

MOKRIIEV, IURII. [Mice in the grand piano] Myshi v roiali. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 85 p.

MOZHAROV, V.V. [Hot breath] Goriachee dykhanie. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 86 p.

MURZIDI, K.G. [We of the Urals; a novel] U nas na Urale; roman. Moskva, Sovetskii pisatel', 1956. 488 p.

NALBANDIAN, MIKAEL. [A collection of documents] Sbornik dokumentov. Podgotovka teksta, red. i primechaniia A. Indzhikiana i G. Arutiuniana. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 390 p. [In Russian and Armenian.]

NAREZHNYI, V.T. [Selected works; in two volumes] Izbrannye sochineniia; v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. 1956. 622 p.
Vol. 2. 1956. 614 p.

NAREZHNYI, V.T. [The two Ivans, or Passion for lawsuits; a novel] Dva Ivana ili Strast' k tiazbam; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 171 p.

NARUSHEV, S.N. [I.A. Krylov's legacy in Kazakh literature of the 19th century] Tvorcheskoe nasledie I.A. Krylova v kazakhskoi literature XIX veka. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1951. 102 p.

NATSUME, SOSEKI. [Little guy; a tale. Translated from the Japanese] Mal'chugan; povest'. Perevod s iaponskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 134 p.

NEKLIUDOVA, O. [A tale of a school year] Povest' o shkol'nom gode. Moskva, Sovetskii pisatel', 1953. 310 p.
(CLU)

NEMTSOV, V. [Al'tair; science fiction. An abridgment of V. Nemtsov's novel "Lucky star"] Al'tair; nauchno-fantasticheskii roman. [Sokrashchennyi variant romana V. Nemtsova "Schastlivaia zvezda"]. Moskva, Trudrezervizdat, 1956. 580 p. (Fantastika prikliuchenii)
(NN)

NURI, ZAKI. Chyn kuneldan soilashu. Shigyr'lar. Kazan, Tatknigoizdat, 1955. 198 p. [In Tatar.]
(NNC)

NURUSHEV, S.N. [Abai's translating technique] Abaidyn audarma zhönindegi tëzhribesinen. Almaty, Kazak SSR gylym Akademiiasynyn baspasy, 1954. 104 p. [In Kazak.]

NUSIC, BRANISLAV D. [Comedies. Translated from the Serbian] Komedii. [Perevod s serbskogo.] Moskva, Gos. izd-vo "Iskusstvo," 1956. 617 p.

OISLENDER, ALEKSANDR, ed. [Poetry of Khakassia. Translated from the Khakass] Poeziia Khakasii. [Perevod s khakasskogo]. Moskva, Goslitizdat, 1955. 175 p.
(MH)

OSIPOVICH, A. [Stories] Rasskazy. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 84 p.

OSTROVSKII, A.N. [Easy money; a comedy in five acts] Boshenye den'gi; komediia v piati deistviiakh. Moskva, Iskusstvo, 1956. 126 p.
(MH)

OTIAN, ERVAND. [Works] Sochineniia. Erevan, Armianskoe gos. izd-vo, 1956. 792 p. [In Armenian]

OVNAN, GURGEN. [N.A. Nekrasov and Armenian poetry] N.A. Nekrasov i armianskaia poeziia. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 253 p. [In Armenian.]

PALEY, NICHOLAS M. [Hopeful days; stories from life] Nadiini dni; povisti z zhyttia. Minnikan, Vyd-vo "Akademiia," 1949. 46 p. (Literaturna biblioteka "Ridnoho slova")

PERVENTSEV, ARKADII. [My sixteenth spring; spring; stories] Shestnadtsatnia vesna; rasskazy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 204 p.

PETUKHOV, P.R. [The Second Advent] Vtoroe prishestvie; poema. Vashington.
Pt. 1, Book 1. [Earth] Zemlia. 1957. 234 columns
Pt. 1, Book 2. [Pits in the road] Ukhaby. 1957. columns 235-450.
Pt. 1, Book 3. [War] Voina. 1957. columns 451-666.
Pt. 1, Book 4. [In the wide world] Po belu svetu. 1957. columns 667-900.

PIVTORADNI, V.I. [Studying O. IE. Kornilchuk's works in school] Vyvchennia tvorchosti O. IE. Kornilchuka v shkoli. Vyd. 2., perer. i dop. Kyiv, Radians'ka shkola, 1955. 120 p.
(MH)

PLAVIUK, V.S. [Proverbs or Ukrainian folk philosophy] Prypovidky abo ukrains'ko-narodnia filosofiia. Edmonton, Alberta, 1946. 352 p.

[POETRY DAY] Den' poezii. [Moskva] Izd-vo "Moskovskii rabochii," 1956. 206 p.

POLUPUDNEV, VITALII. [By the Euxine Sea; a historical novel in two volumes] U ponta Evksinskogo; istoricheskii roman v dvukh tomakh. Moskva, Sovetskii pisatel'.
Vol. 1. [Great Scythia] Velikaia Skifiia. 1956. 707 p.

POMOZOV, IURII. [Our comrades; stories] Nashi tovarishchi; rasskazy. Leningrad, Sovetskii pisatel', 1956. 137 p.
(MnU)

POZHENIAN, GRIGORII. [Stormy nights; verse] [illegible] vye nochi; stikhi. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 101 p.

PROKOPOVICH, N.N., and N.S. POSPELOV. [Theory of morphology in secondary schools; a manual for teachers] Izuchenie morfologii v srednei shkole; posobie dlia uchitelei. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 343 p.

RADZYKEVYCH, VOLODYMYR. [History of Ukrainian literature] Istoriia ukrains'koi literatury. Mi[illegible] Vernyhora, 1947. 2 v. in 1.
Vol. 1. [Ancient and medieval literature] [illegible] seredinn doba.
Vol. 2. [Modern literature] Nova doba.
(MiD)

RAKHMANOV, I.V. [Methods of teaching German in classes 8-10] Metodika obucheniia nemetskomu iazyku v VIII-X klassakh. Moskva, Izd-vo Akademii nauk RSFSR, 1956. 342 p.

REYMONT, WLADYSLAW STANISLAW. [Peasants; a novel in two volumes. Translated from the Polish] Muzhiki; roman v dvukh knigakh. Perevod s pol'skogo [M.E. Abkinoi] Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. 1956.
(MnU)

RIABOKLIACH, IVAN. [Century plant; a tale] Rodovyi sinchnyk; povist'. [Kyiv] Radians'kyi pys'mennyk, 1948. 232 p.

ROMANOVSKII, A.V. [A textbook of the Russian language for class 4 of the Korean elementary schools] Uchebnik russkogo iazyka; dlia 4-go klassa korеiskikh nachal'nykh shkol. Izd. 3-e, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 315 p.

ROZENBLAT, G.G. [Pictures used in literature lessons for classes 5-7 of secondary schools] Kartiny na urokakh literaturnogo chteniia v V-VII klassakh srednei shkoly; iz opyta uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otdelenie, 1956. 86 p.

RUDNYTS'KYI, M.I. [Ivan Franko's creative work] Tvorchi budni Ivana Franka. [L'viv] Vyd-vo L'vivs'k. univ., 1956. 31 p.

[RUSSIAN-ADAZIN DICTIONARY. About 30,000 words. With a brief sketch of the grammar of the Abazin language] Russko-abazinskii slovar'. Okolo 30,000 slov. S prilozheniem kratkogo grammaticheskogo ocherka abazinskogo iazyka. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei, 1956. 646 p.

[RUSSIAN-AZERBAIJANI DICTIONARY] Rus[illegible] balchanëha lügët. Eniden ishlënmish ve toprakli[illegible] dirilmish ikinchi noshri. [2. ed., rev.] Baky, Azerbaidzhan SSR elmlër Akademiiasynyn neshriiaty.
Vol. 1. A - N. 1956. 728 p.

[RUSSIAN-TURKMEN DICTIONARY] Russko-turkmenskii slovar'. Pod obshchei red. N.A. Baskakova i M.[illegible] Khamzaeva. 50,000 slov. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei, 1956. 880 p.

SAR'IAN, S.M. [Postwar Soviet Armenian literature (1945-1955)] Poslevoennaia armianskaia sovetskaia literatura (1945-1955). Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 200 p.

[SATIRE AND HUMOR; a repertory] Satira i iumor; repertuarnyi sbornik. Moskva, Iskusstvo, 1955. 332 p.
(MH)

SEN'KO, IL. [Soviet anecdotes] Pidsovіets'ki anekdoty. Buenos-Aires, Poremoha, 1956. 144 p.

SEREBRIANSKII, M.I. [Literary sketches] Literaturnye ocherki. Izd. 3-e. Moskva, Sovetskii pisatel', 1954. 264 p.

SERGEEV-TSENSKII, S.N. [Collected works; in ten volumes] Sobranie sochinenii; v desiati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 10. [The transformation of Russia; an epic] Preobrazhenie Rossii; epopeia. 1954. 621 p.

SEVUNTS, GAREGIN. [Teheran; a novel. Translated from the Armenian] Tegeran; roman. Avtoriz. perevod s armianskogo A.Sadovskogo i Arus' Tadevosian. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia."
Pt. 1. [Iranian night] Iranskaia noch'. 1956. 455 p.
Pt. 2. [Before dawn] Pered rassvetom. 1956. 509 p.

SHAGINIAN, MARIETTA. [Collected works; in six volumes] Sobranie sochinenii; v shesti tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 3. [Hydrocentral; a novel. Sketches] Gidrotsentral'; roman. Ocherki. 1956. 774 p.

SHELIGRAN, Z.N., KH.F.KHALIDOVA, and R.D.STAVSKAIA. [A Russian language reader for non-Russian groups in high schools of Uzbekistan] Kniga dlia chteniia po russkomu iazyku; dlia nerusskikh grupp vysshikh uchebnykh zavedenii Uzbekskoi SSR. Tashkent, Gos. uchebno-pedagog. izd-vo UzSSR, 1955. 345 p.

SHEVCHENKO, TARAS. [Haidamaky; a poem] Haidamaky; poema [Z illustratsiiamy Opanasa H. Slast'ona. Red. IUriia Humoraka. 3 vyd.] Edmonton [Alta., Hryhorii Iopyk] 1954. 88 p.
(MnU)

SHEVCHENKO, TARAS. [Tales] Povesti. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 181 p.
(MnU)

SHIRAZ, OVANES. [Verse and poems. Translated from the Armenian] Stikhotvoreniia i poemy. Perevod s armianskogo. Moskva, Goslitizdat, 1956. 320 p.
(MH)

SHCSHIN, V.A. [Songs on the road; verse] Pesni v puti; stikhi. Leningrad, Sovetskii pisatel', 1956. 70 p.
(MH)

SIMONOV, K.M. [Literary subjects; articles, 1937-1955] Na literaturnye temy; stat'i, 1937-1955. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 392 p.

SOKOLOV-MIKITOV, I.S. [Selected works] Izbrannye proizvedeniia. [Moskva] Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Tales, stories] Povesti, rasskazy. 1950.
Vol. 2. [Stories of the motherland] Rasskazy o rodine. 1950.
Vol. 3. 1950.
(MnU)

SOLONEVICH, B.L. [Woman with a rifle; a historical novel] Zhenshchina s vintovkoi; istoricheskii roman. La mujer armada; novela documental. Buenos-Aires, 1955. 167 p.
(CLU)

SOLOV'EVA, O.I. [Methods of developing speech and teaching the native language in kindergartens; for preschool pedagogical institutes] Metodika razvitiia rechi i obucheniia rodnomu iazyku v detskom sadu; dlia doshkol'nykh pedagogicheskikh uchilishch. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 173 p.

SPASSKAIA, K.P., and S.G.SHPET. [Practical instructions for teaching literature in class 10; teachers' manual] Metodicheskie ukazaniia k prepodavaniiu literatury v X klasse; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 302 p.

[STORIES AND TALES FROM ANCIENT EGYPT. Translated from the ancient Egyptian] Skazki i povesti drevnego Egipta. Perevod s drevneegipetskogo [L.S.Katsnol'sona i F.A.Mendol'sona]. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 140 p.

[STORMY PETRELS; collected literary works, on the 50th anniversary of the first Russian revolution] Burevisnyky; literaturno-repertuarnyi zbirnyk. Do 50-richchia pershoi rosiis'koi revoliutsii 1905 roku. Kyiv, Mystetstvo, 1955. 162 p.

SYDYKBEKOV, TUGEL'BAI. [People of our day; a novel. Translated from the Kirghiz] Liudi nashikh dnei; roman. Avtorizovannyi perevod s kirgizskogo K. Gorbunova. Moskva, Sovetskii pisatel', 1956. 361 p.

TABIDZE, GALAKTION. [Selected works; verse. Translated from the Georgian] Izbrannoe; stikhi. [Perevod s gruzinskogo.] Moskva, Sovetskii pisatel', 1956. 207 p.

TAIMI, A.P. [Pages from the past] Stranitsy perezhitogo. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 251 p.

TEVELEV, MATVEI. [The hotel in Snegovets] Gostinitsa v Snegovtse. Uzhgorod, Zakarpatskoe obl. izd-vo, 1955. 120 p.

TIMOFEEVA, L.V. [Lesson plans on the topic "Phonetics"; class 5] Pourochnye plany po teme "Fonetika"; V klass. Pod red. G.P.Firsova. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 31 p. (Pedagogicheskie chteniia)

TIMROT, A.D. [Heroes and characters of L.N. Tolstoi's novel "War and peace"] Geroi i obrazy romana "Voina i mir" L.N.Tolstogo. [Tula] Tul'skoe kn-vo, 1956. 101 p.

TOLSTOI, L.N. [Childhood and adolescence] Detstvo i otrochestvo. Risunki K. Klement'evoi. [Moskva, Gos. izd-vo detskoi lit-ry, 1953. 181 p., illus.
(NcD)

TOLSTOI, L.N. [Stories. Hadji Murat] Rasskazy. Khadzhi Murat. Moskva, Goslitizdat, 1953. 206 p.
(MH)

TOLSTOI, L.N. [War and peace] Voina i mir. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 4 v. in 2, illus.
(NNC)

TOROPYGIN, V.V. [Your correspondent; verse] Vash korrespondent; stikhi. Leningrad, Sovetskii pisatel', 1955. 95 p.
(MH)

TRIOLET, ELSA. [Lovers of Avignon. Translated from the French] Avin'onskie liubovniki. Perevod s frantsuzskogo R. Rait-Kovalevoi. Moskva, Izd-vo "Pravda," 1956. 61 p. (Biblioteka "Ogonek," no. 50)

TROITSKII, M.V. [Verse and poems] Stikhi i poemy. Leningrad, Sovetskii pisatel', 1956. 158 p.
(MH)

TSERETELI, G.V. [The Arabic dialects of Central Asia] Arabskie dialekty Srednei Azii. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR.
Vol. 1. [Bukhara Arabic dialect] Bukharskii arabskii dialekt. 1956. 343 p.

TUMANIAN, N. [Ovanes Tumanian and Russian literature] Ovanes Tumanian i russkaia literatura. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 146 p. [In Armenian.]

TURGENEV, I.S. [Stories from "A sportsman's sketches"] Rasskazy iz "Zapisok okhotnika." Moskva, Goslitizdat, 1950. 155 p.
(MH)

TVOROGOV, L.A. [The literary activity of Joseph, a priest of the Spaso-Mirozhskii Monastery, supposedly the commissioner of the Pskov copy of the text of "The tale of Igor's expedition" in the 13th century] K literaturnoi deiatel'nosti presvitera Spaso-Mirozhskogo monastyria Iosifa, predpolagaemogo zakazchika pskovskoi kopii teksta "Slova o polku Igoreve" XIII veka. Pskov, Oblpoligrafizdat, 1946. 19 p.
(MH)

VINOGRADOV, A.K. [The condemnation of Paganini; a novel] Osuzhdenie Paganini; roman. Moskva, Goslitizdat, 1955. 350 p.
(CLU)

VLADIMIROV, G.P. [Problems in the works of D. A. Furmanov; articles] Problemy tvorchestva D. A. Furmanova; stat'i. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 274 p.

VLADIMIRSKII, N.A. [The Bolshevik press in the period of the first Russian revolution of 1905-1907] Bol'shevistskaia pechat' v period pervoi russkoi revoliutsii 1905-1907 godov. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 53 p.

VODOP'IANOV, M.V. [The Kireevs; a novel] Kireevy; roman. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 362 p.

VOL'NOV, IVAN. [Selections; tale of the days of my life; tales, stories, sketches] Izbrannoe; povest' o dniakh moei zhizni, povesti, rasskazy, ocherki. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 620 p.

VOROB'EV, P.G. [Lessons in literature for class 5] Uroki literaturnogo chteniia v V klasse. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 250 p. (Pedagogicheskaia biblioteka uchitelia)

VOROB'EV, P.G. [Studying folk literature in class 5 of the secondary schools; teacher's manual] Izuchenie ustnogo narodnogo tvorchestva v V klasse srednei shkoly; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 77 p. (Iz opyta uchitelia)

[WORK PRACTICE OF A LITERATURE TEACHER; a collection of articles] Iz opyta raboty uchitelia literatury; sbornik statei. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 102 p.

ZAHRODS'KYI, A.O. [Grammar of the Ukrainian language; a manual for classes 6 and 7 in the seven-year and secondary schools] Gramatyka ukrains'koi movy; pidruchnyk dlia 6 i 7 klasiv semyrichnoi ta serednioi shkoly. Kyiv, Radians'ka shkola.
Pt. 2. [Syntax] Syntaksys. Vyd. 10-e, vypr. 1955.
(NIC)

ZAKARIAN, A. [Suren Spandarian and problems in literature] Suren Spandarian i voprosy literatury. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 210 p. [In Armenian.]

ZASLAVSKII, D.I. [The democratic journal "Otechestvennye zapiski." Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 61 p.

ZHAROV, A.A. [Thirty-five; verse and poems] Tridtsat' piat'; stikhi i poemy, 1921-1956. Moskva, Sovetskii pisatel', 1956. 203 p.
(MH)

ZHIVEINOV, N.I. [The capitalist press of the U.S.A.]

DEMENT'EV, I.A. [Egypt; a geographical sketch] Egipet; geograficheskii ocherk. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 46 p. (U karty mira)

DMITRIEV, EVGENII. [Caucasian mineral waters; a brief guidebook] Kavkazskie mineral'nye vody; kratkii putevoditel'. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 65 p.

EMEL'IANOVA, E. P. [Practical manual for the stationary study of landslides] Metodicheskoe rukovodstvo po statsionarnomu izucheniiu opolznei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 245 p.

FEDOSEEV, G.A. [In the clutches of the Dzhugdyr] V tiskakh Dzhugdyra. Risunki IU.Rebrova. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 358 p.

GAL'PERIN, IURII. [Northern lights; a journalist's notebook] Poliarnye zori; zapiski zhurnalista. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 125 p.

HANZELKA, Jiri, and MIROSLAV ZIKMUND. [Africa of dreams and of reality. Translated from the Czech] Afrika grez i deistvitel'nosti. [Perevod s cheshskogo V.D.Ezhova. Red I.I.Potekhina.] Moskva, Izd-vo inostrannoi lit-ry, 1956. 277 p.

KARAVAEVA, Z.F. [Problems in compiling historical maps] Nekotorye voprosy sozdaniia istoricheskikh kart. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 68 p.

KRASNOV, A.N. [In Asia's tropics] Pod tropikami Azii. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 263 p.

KUNAEV, D. A. [30 days in the people's China; travel notes] 30 dnei v narodnom Kitae; putevye zametki. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 156 p.

[LENINGRAD; views of the city] Leningrad; vidy goroda. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. 1 v. (unpaged, chiefly illus.)

LENINGRAD. ARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [History of the discovery and use of the North Sea route] Istoriia otkrytiia i osvoeniia Severnogo morskogo puti. Moskva, Izd-vo "Morskoi transport,"
Vol. 1. Belov, M.I. [Arctic voyages from ancient times to the middle of the 19th century] Arkticheskoe moreplavanie s drevneishikh vremen do serediny XIX veka. 591 p.

LEONT'EV, L.N. [Brief geological sketch of Tuva] Kratkii geologicheskii ocherk Tuvy. Moskva, Izd-vo Akademii nauk SSSR, 1956. 76 p. (Trudy Tuvinskoi kompleksnoi ekspeditsii, no. 4)

LEVKOVYCH, IZYDORA. [Ukrainian Christmas folk customs] Ukrains'ki narodni rizdviani zvychai. London, Nakladom Ukrains'koi vyd. spilky, 1956. 42 p.

LOMONOVICH, M. I. [Loess in Kazakhstan and its importance in the national economy] Lëss v Kazakhstane i ego znachenie v narodnom khoziaistve. S predisl. V. A. Obrucheva. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1955. 78 p.

MARUASHVILI, L.I. [Expediency of a reconsideration of basic ideas concerning paleogeographic conditions of the Ice Age in the Crimea; a critical sketch] TSelesoobraznost' peresmotra sushchestvuiushchikh predstavlenii o paleogeograficheskikh usloviiakh lednikovogo vremeni na Kavkaze; kriticheskii ocherk. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 124 p.

MIL'KOV, F.N. [The physical geography zone and its content, as exemplified by the Russian Plain] Fiziko-geograficheskii raion i ego soderzhanie; na primere Russkoi ravniny. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 220 p.

MIROSHNICHENKO, B.E. [Carboniferous lamellibranchia molluska of the Karaganda Basin] Kamennougol'nye plastinchatozhabernye molliuski Karagandinskogo basseina. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1953. 77 p.

[MOSCOW; a concise guidebook for visitors] Moskva; kratkii spravochnik dlia priezzhaiushchikh. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 268 p.

[MOSCOW - YALTA] Moskva - IAlta. [Moskva, Izogiz, 1956] 24 post cards (in portfolio)

ORLOV, B. P. [IU. M. Shokal'skii, his life and works; on the centenary of his birth] IU. M. Shokal'skii, ego zhizn' i deiatel'nost'; k stoletiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1956. 21 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 48)

PAVLENKO, V. F., and S. N. RIAZANTSEV. [Kirghizistan] Kirgizskaia SSR. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 118 p.
DS

PERVUKHINA, A. E., and N. IA. DROBININA. [Carbonates of the Tuva Autonomous Province] Karbonatnye porody Tuvinskoi avtonomnoi oblasti. Moskva, Izd-vo Akademii nauk SSSR, 1955. 75 p. (Trudy Tuvinskoi kompleksnoi ekspeditsii, no. 1)

POPOV, V.I. [Lithology of the Cenozoic molasses of Central Asia; with supplementary articles by N.B. Vassoevich and K.V.Babkov] Litologiia kainozoiskikh molass Srednei Azii. S prilozheniem statei N.B. Vassoevicha i K.V.Babkova. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR.
Pt. 2. 1956. 311 p.

PORSHNIAKOV, G.S. [Construction of block diagrams for geological maps] Postroenie blok-diagramm po geologicheskim kartam. [Leningrad] Izd-vo Leningradskogo univ., 1956. 27 p.

SHAPOSHNIKOV, A.S. [Astrakhan; a geographical sketch] Astrakhan'; geograficheskii ocherk. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 95 p.

SHUMOVSKY, YURIJ F. [Under the blazing African sun] Pid hariachym sontsem Afryky. Winnipeg, Drukom i nakladom Vyd. spilky "Tryzub," 1956. 100 p.

VIAZOV, E.I. [Vasco Da Gama; discoverer of the sea route to India] Vasko da Gama; pervootkryvatel' morskogo puti v Indiiu. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 37 p. (Zamechatel'nye geografy i puteshestvenniki)

VSESOIUZNOE PALEONTOLOGICHESKOE OBSHCHESTVO. [Yearbook of the All-Union Paleontological Society] Ezhegodnik... Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr.
Vol. 15. [(1954-1955; with 34 tables)] (1954-1955, s 34 tablitsami. Red. toma V. P. Rengarten). 1956. 386 p.

VSESOIUZNOE SOVESHCHANIE PO RAZRABOTKE UNIFITSIROVANNOI SKHEMY STRATIGRAFII MEZOZOISKIKH OTLOZHENII RUSSKOI PLATFORMY, 1954. [Proceedings of the All-Union Conference on the Development of a Uniform System of Stratigraphy of Mesozoic Deposits of the Russian Platform] Trudy... Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956. 383 p.

## 13. SCIENCE

AKADEMIIA NAUK SSSR. Evgenii Nikanorovich Pavlovskii. Izd. 2-oe, ispr. i dop. Vstup. stat'ia G. S. Pervomaiskogo. Pod red. A. A. Strelkova. Bibl. sost. E. A. Kozak i dr. Moskva, 1956. 239 p. (Materialy k biobibliografii uchenykh SSSR. Seriia biologicheskikh nauk. Parazitologiia, no. 1)

AKADEMIIA NAUK SSSR. Bashkirskii filial, Ufa, Institut istorii, iazyka i literatury. [Russian-Bashkir and Bashkir-Russian dictionary of botanical terms] Terminologicheskii slovar' po botanike, russko-bashkirskii i bashkiro-russkii. Sost. N. Urazmetov, pod red. T. Baisheva. Ufa, Bashgosizdat, 1952. 129 p.
(NNC)

AKADEMIIA NAUK SSSR, Matematicheskii institut. [Mathematics, its content, methods, and significance] Matematika, ee soderzhanie, metody i znachenie. Moskva.
Vol. 1. 1956. 294 p.
Vol. 2. 1956. 395 p.
Vol. 3. 1956. 336 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut vostokovedeniia. [Portrait of Avicenna] Portret Ibn Siny. Tashkent, 1956. 29 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Estestvenno-nauchnyi institut. [The invertebrates; structure in relation to environment and their importance to man (teacher's manual)] Bespozvonochnye zhivotnye; stroenie v sviazi s usloviiami zhizni i znachenie ikh dlia cheloveka. Posobie dlia uchitelia. Pod red. L.K.Lozina-Lozinskogo. Moskva, 1955. 404 p.

ANAPOL'SKAIA, L.E. [Winds in the [illegible] reservoirs of European Russia] Vetrovoi [illegible] dokhranilishch stepnogo raiona Evropeiskoi [illegible] SSSR. Pod red. O.A.Drozdova. Leningrad, Gos. [illegible] teorologicheskoe izd-vo, 1956. 61 p.

ARTSYBYSHEV, S. A. [A course in physics] [illegible] Izd. 2-oe. Moskva, Gos. uchebno-[illegible] Ministerstva prosveshcheniia RSFSR.
Pt. 1. [Mechanics and heat] Mekhanika [illegible] 1956. 694 p.

ASATIANI, V.S. [Biochemical analysis] Biokhimicheskii analiz. Izd. 2-oe, dop. i ispr. Tbilisi, Gos. [illegible]
Pt. 2. [Microbiological methods. Ganeral [illegible] ods] Mikrobiologicheskie metody. Gen[illegible] cheskie metody. 1955. 610 p.

BABADZHANIAN, G.A. [Florescence, pollinat[illegible] fertilization of wheat; with a discussion of the [illegible] of heredity and vitality in relation to natural [illegible] tion of plants] TSvetenie, opylenie i oplodotvorenie pshenitsy; s obsuzhdeniem voprosov nasledstvennosti i zhiznennosti v sviazi s polovym vosproizvedeniem rastenii. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 241 p.
[MICROFILM]

BAIDKII, E. D. [Founder of the ion theory of [illegible] Vasilii IUr'evich Chugovets] Osnovopolozhnik teorii vozbuzhdeniia Vasilii IUr'evich Chugovets. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 47)

BALABANOV, E.M. [A sun on earth; what atomic energy is and how it serves man] Solntse na Zemle; chto takoe atomnaia energiia i kak ona sluzhit liudiam. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 222 p.

BEL'SKAIA, E.M., comp. [Problems in general science instruction in the teaching of biology; a collection of articles based on the practice of teachers in Uzbekistan] Voprosy politekhnicheskogo obucheniia v prepodavanii biologii; sbornik statei iz opyta raboty uchitelei Uzbekistana. Tashkent, Gos. uchebno-pedagog. izd-vo UzSSR, 1955. 217 p.

BOROVIK-ROMANOVA, T. F. [Spectrographic detection of alkali and alkaline earth elements in water, plants, soils, and rocks)] Spektral'noe obnaruzhenie i opredelenie shchelochnykh i shchelochnozemel'nykh elementov (v vodakh, rasteniiakh, pochvakh i gorodakh). Moskva, Izd-vo Akademii nauk SSSR, 1956. 183 p.

BUGOSLAVSKAIA, N. IA. [Lectures for a general course in astronomy, delivered in course 1 of the Engineering of Geography (abstracts)] Lektsii po obshchemu kursu astronomii, chitannye na 1-m kurse geograficheskogo fakul'teta (konspekty). Pod obshchei red. [illegible] Moskva, Izd. MGPI im. V. I. Lenina, 1956. 103 p.

CHISTIAKOV, V.D. [Mathematics evenings in [illegible] schools; a teacher's manual] Matematicheskie vechera v srednei shkole; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 67 p. (Iz opyta uchitelia)

EKOLOGICHESKAIA KONFERENTSIIA, 3d, 1954. [Abstracts of reports at the Third Ecological Conference] Tezisy dokladov. [Kiev] Izd-vo Kievskogo gos. univ. im. T.G.Shevchenko.
Pt. 4. 1954. 466 p.

[FIVE-PLACE LOGARITHM TABLES] Piatiznachnye tablitsy logarifmov. Izd. 7-e. [Moskva] Vsesoiuznoe izd-vo Ministerstva obor. SSSR, 1956. 199 p.

[FLORA OF ARMENIA] Flora Armenii. Erevan, Izd-vo Akademii nauk Armianskoi SSR.
Vol. 2. Portulacaceae-Plumbaginaceae. Pod red. A.L.Shakhtadzhiana. 1956. 519 p.

[GENERAL SCIENCE INSTRUCTION IN THE SCHOOL] [illegible] the practice of teachers] Politekhnicheskoe obuchenie v shkole; iz opyta raboty uchitelei. [Saratov] Saratovskoe kn-vo, 1956. 134 p.

GREBINSKII, S.O. [Origin of life] Proiskhozhdenie zhizni. [L'vov] Izd-vo L'vovskogo univ., 1955. 36 p.

IL'IN, N. A. [Science and religion on life and death] Nauka i religiia o zhizni i smerti. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 56)

INTERNATIONAL CONGRESS OF SOIL SCIENCE, 6th, Paris, 1956. [Reports at the Sixth International Congress of Soil Science; third commission: The biology soils] Doklady VI Mezhdunarodnomu kongressu pochvovedov; Tret'ia komissia. Biologiia pochv. Moskva, 1956. 59 p. (Parallel texts in Russian and French or English.)

KALITKIN, N. M. [Methods of teaching computation by abacus in class 5] Metodika obucheniia vychisleniiu na schetakh v 5 klasse. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, Leningradskoe otd-nie, 1956. 80 p.

KREMENETSKII, N. G. [Practical field manual on the zoology of invertebrates; a textbook for students in natural history departments of pedagogical institutes] Uchebno-polevaia praktika po zoologii bespozvonochnykh; posobie dlia studentov fakul'tetov estestvoznaniia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 140 p.

KRETOVICH, V.L. [Fundamentals of the biochemistry of plants] Osnovy biokhimii rastenii. Pod red. A.I.Oparina. Izd. 2-oe. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 497 p.

KUDRIAVTSEV, A.A. [Derivation of chemical equations] Sostavlenie khimicheskikh uravnenii. Izd. 2-oe, perer. i dop. Pod red. A.F.Kapustinskogo. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 242 p.

LARICHEV, P.A. [Requirements for written work in secondary school mathematics] Trebovaniia k pis'mennym rabotam po matematike v srednei shkole. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1955. 19 p. (Zaochnaia metodicheskaia konsul'tatsiia)

LEUTSKII, K.M. [Vitamins; studies on the characteristics of $B_2$ complex vitamins] Vitaminy; ocherki svoistv vitaminov kompleksa $B_2$. [L'vov] Izd. L'vovskogo Gos. univ., 1949. 200 p.

MECHNIKOV, I.I. [Collected works (Academy edition)] Akademicheskoe sobranie sochinenii. Red. kollegiia: F.G.Krotkov i dr. Moskva, Gos. izd-vo med. lit-ry.
Vol. 12. (Red., poslestovie i primechaniia I.A. Piontkovskogo). 1956. 322 p.

MISHCHENKO, M. [In the service of a "single principle"; critical notes] Na posludakh "IEdynoho pryntsypu"; krytychni zauvazhennia. London, Nakl. "Ukraina"koi vydavnychoi spilky," 1956. 32 p.

MOSCOW. UNIVERSITET. Fizicheskii fakul'tet. [Special laboratory manual in physics] Spetsial'nyi fizicheskii praktikum. Pod red. G. V. Spivak. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1945. 2 v.

NASILOV, D.N. [Radiometeorology; radio methods in meteorology] Radiometeorologiia; radiometody v meteorologii. Pod red. A.Kh.Khrgiana. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 215 p.

[PAPERS DELIVERED AT A CONFERENCE ON HUMAN MORPHOLOGY] Konferentsiia po morfologii cheloveka, Moscow, 1952. Materialy... [Moskva] Izd-vo Moskovskogo univ., 1956. 153 p.

PEREL'MAN, IA.I. [Mechanics made interesting] TSikava mekhanika. Kyiv, Derzh. vyd-vo tekhnichnoi lit-ry URSR, 1956. 103 p. (Naukovo-popularna biblioteka)

POKROVSKII, A.A., and others. [Demonstrative experiments in physics for classes 6 and 7 of the secondary schools; teacher's manual] Demonstratsionnye opyty po fizike v VI-VII klassakh shkoly; posobie dlia uchitelia. Pod red. A.A.Pokrovskogo. Izd. 2-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 270 p.

PROVOROV, K.L. [Accuracy in continuous triangulation systems] O tochnosti sploshnykh setei triangulatsii. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 103 p.

RADCHENKO, M.I. [Flora of Dolina and Tentek formations in the Karaganda Basin] Flora dolinskoi i tentekskoi svit Karagandinskogo basseina. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 40 p., 27 plates.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie geodezii i kartografii. [Vegetation map of the world; for secondary schools] Karta rastitel'nosti mira; uchebnaia dlia srednei shkoly. Red. L. E. Tret'iakova. Moskva, 1954. (map)
(NIC)

RYSS, I.G. [The chemistry of fluorine and its inorganic compounds] Khimiia ftora i ego neorganicheskikh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 718 p.

SAVCHUK, P.M. [A collection of problems in higher mathematics for technical schools] Sbornik zadach po vysshei matematike dlia tekhnikumov. Pod red. G.S.Baranenkova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 132 p.

SLAVINSKII, M.P. [Physical and chemical properties of elements] Fiziko-khimicheskie svoistva elementov. Perer., dop. i podgotovil k pechati A.E.Vol. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1952. 763 p.

SMIRNOV, V.I. [A course in higher mathematics] Kurs vysshei matematiki. Izd. 7-oe. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry.
Vol. 3, pt. 1. 1956. 328 p.

TARASOV, N.I. [Living light of the sea] Zhivoi svet moria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 124 p. (Nauchno-populiarnaia serila)

TSERETELI, S.B. [The nature of the laws of science] O prirode zakonov nauki. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 153 p. [In Georgian,]

UTEVSKII, A.M. Aleksandr Vladimirovich Palladin. Kiev, Izd-vo Akademii nauk USSR, 1956. 66 p. (Uchenye Ukrainskoi SSR)

VENTTSEL', M.K. [Spherical trigonometry; a short course] Sfericheskaia trigonometriia; kratkii kurs. Izd. 2-e, ispr. i dop. Moskva, Izd-vo geodezicheskoi i kartograficheskoi lit-ry, 1948. 153 p.

VOSKOBOINIK, D.I. [Nuclear energy] IAdernaia energetika. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 108 p.

VSESOIUZNAIA KNIZHNAIA PALATA. [The periodical press of the U.S.S.R., 1917-1949; a bibliography. Journals, transactions, and bulletins in the natural sciences and mathematics] Periodicheskaia pechat' SSSR, 1917-1949; bibliograficheskii ukazatel'. Zhurnaly, trudy i biulleteni po estestvennym naukam i matematike. Moskva, 1956. 210 p.

ZISMAN, G.A. [The world of the atom] Mir atoma. Izd. 5-e, perer. i dop. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 141 p. (Nauchno-populiarnaia biblioteka soldata i matrosa)

ZVEREV, I.D. [Studying reflexes in animals; teacher's experience] Izuchenie reflektornoi deiatel'nosti zhivotnykh; iz opyta raboty uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 116 p.

## 14. MEDICINE

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. [Papers on the pathogenesis and treatment of shock] Materialy po patogenezu i lecheniiu shoka. Pod red. A.P.Polosukhina. Alma-Ata, 1951. 218 p.
(DNLM)

AMOSOV, N.M. [Surgical treatment of suppurative diseases of the lungs] Khirurgicheskoe lechenie nagnoitel'nykh zabolevanii legkikh. Kiev, Gos. med. izd-vo USSR, 1956. 190 p.
(DNLM)

ATKARSKAIA, A.A. [Angina] Angina. Moskva, Medgiz, 1956. 53 p. (Biblioteka srednego meditsinskogo rabotnika)
(DNLM)

AVDEEV, M.I. [Forensic medicine] Sudebnaia meditsina. Izd. 4-oe, perer. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1953. 519 p.

BADYL'KES, S.O. [Ulcers of the stomach and the duodenum] IAzvennaia bolezn' zheludka i dvenadtsatiperstnoi kishki. Izd. 2-e, perer. i dop. Moskva, Medgiz, 1956. 318 p.
(DNLM)

BELOSTOTSKII, E.M., and A.IA. Vilenkina. [The fundus of the eye in hypertonia] Glaznoe dno pri gipertonicheskoi bolezni. Moskva, Trest "Meduchposobie," 1956. 175 p.
(DNLM)

[CORRESPONDENCE COURSE OF INSTRUCTIONS FOR MOTHERS; 12 lectures] Zaochnyi kurs obucheniia materei; 12 lektsii. Moskva, Gos. izd-vo med. lit-ry, 1956. 248 p.
(DNLM)

D'IACHENKO, V.A. [X-ray diagnosis of diseases of the internal organs; a manual for physicians and students] Rentgenodiagnostika zabolevanii vnutrennikh organov; rukovodstvo dlia vrachei i studentov. Moskva, Medgiz, 1956. 334 p. illus., port.
(DNLM)

DIK, V.G. [Fangotherapy in diseases of women] Griazelechenie zhenskikh boleznei. Moskva, Medgiz, 1956. 28 p.
(DNLM)

DOLGO-SABUROV, B.A. [Anastomosis and collateral circulation in man] Anastomozy i puti okol'nogo krovoobrashcheniia u cheloveka. Izd. 3-e, perer. i dop. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 141 p.

FLEROV, O.V. [School hygiene; manual for pedagogical institutes] Shkol'naia gigiena; uchebnik dlia shkol'nykh pedagogicheskikh uchilishch. Izd. 3-e. Pod red. S.E. Sovetova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1955. 188 p.

GLUKHEN'KII, T.T., I.I. MARKOV, and D.I. VIZIR. [The Truskavets health resort and its facilities] Kurort Truskavets i ego lechebnye faktory. Kiev, Gos. med. izd-vo USSR, 1956. 98 p.
(DNLM)

GORCHAKOVSKAIA, N.N. [Spring-summer tick-borne encephalitis] Vesenne-letnii kleshchevoi entsefalit. Izd. 2-oe. Moskva, Medgiz, 1956. 33 p.
(DNLM)

GORKI. GOR'KOVSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VOSSTANOVITEL'NOI KHIRURGII, ORTOPEDII I TRAVMATOLOGII. [Problems in traumatology; a collection of scientific papers] Voprosy travmatologii; sbornik nauchnykh rabot. [Gor'kl]
Vol. 3, 1955.
(DNLM)

KAS'IANOV, M.I. [Medicolegal investigation in cases of sudden death] Sudebnomeditsinskaia ekspertiza v sluchaiakh skoropostizhnoi smerti. Moskva, Gos. izd-vo med. lit-ry, 1956. 221 p.
(DNLM)

KOLTYPIN, A.A., and others. [Diseases of children] Detskie bolezni. Pod red. V.A. Vlasova. Izd. 9-oe. Moskva, Medgiz, 1956. 498 p.
(DNLM)

KONONOV, V.N. [Sanitary evaluation of underground and surface water used for drinking and household needs] Sanitarno-gigienicheskaia otsenka podzemnykh i nazemnykh vod, ispol'zuemykh dlia pit'evykh i khoziaistvennykh tselei naselenila. Moskva, Gos. izd-vo med. lit-ry, 1956. 138 p. (Biblioteka sanitarnogo vracha i epidemiologa)

KOROBKOVA, E.I. [Living antiplague vaccine; theory and practice of plague immunoprophylaxis] Zhivaia protivochumnaia vaktsina; teoriia i praktika immunoprofilaktiki chumy. Moskva, Gos. izd-vo med. lit-ry, 1956. 205 p.
(DNLM)

KOZLOVA, A.V. [Fundamentals of radium therapy; a manual for physicians] Osnovy radievoi terapii; rukovodstvo dlia vrachei. Moskva, Medgiz, 1956. 323 p., illus.
(DNLM)

NOVIKOV, A.N. [Brain concussion; pathogenesis, clinical aspects, and treatment] Sotriasenie mozga; patogenez, klinika i lechenie. Moskva, Medgiz, 1955. 168 p.
(DNLM)

PANOV, A.G. [Tick-borne encephalitis] Kleshchevoi entsefalit. Leningrad, Medgiz, 1956. 281 p., illus.
(DNLM)

PEKKER, IA.S. [Laboratory manual for a course on diseases of the teeth and the mucous membrane of the oral cavity for the use of dental schools] Rukovodstvo k prakticheskim zaniatiiam po kursu boleznei zubov i slizistoi obolochki polosti rta dlia zubovrachebnykh shkol. Moskva, Medgiz, 1956. 225 p.
(DNLM)

REISLER, A. V., and A. I. SHTENBERG. [Sanitary inspection of food products; general principles and sampling] Sanitarnaia ekspertiza pishchevykh produktov; obshchie printsipy i vziatie prob. Moskva, Gos. izd-vo med. lit-ry, 1950. 146 p.
[MICROFILM]

RUFANOV, I.G. [Nikolai Ivanovich Pirogov, a great Russian surgeon and scientist] Nikolai Ivanovich Pirogov - velikii russkii khirurg i uchenyi. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 46)

RUSSIA (1923- U.S.S.R.) Armiia. Stomatologicheskaia poliklinika, No. 209. [A collection of scientific papers of the 209th Stomatological Polyclinic] Sbornik nauchnykh rabot. Simferopol, 1956. 143 p., illus.
(DNLM)

RUSSIA (1923- U.S.S.R.) Ministerstvo zdravookhraneniia. Protivozobnyi komitet uchenogo soveta. [Goiter; a collection of abstracts of scientific papers] Zobnaia bolezn'; sbornik referatov nauchnykh rabot. Red. A.K. Gorchakov i dr. Kiev, Gos. med. izd-vo USSR, 1956. 250 p.
(DNLM)

SHARGORODSKII, L.E. [Laboratory technique and knowledge of materials in orthopedic stomatology] Laboratornaia tekhnika i materialovedenie v ortopedicheskoi stomatologii. Moskva, Medgiz, 1956. 372 p., illus.
(DNLM)

SHENK, N.A. [Teaching walking with lockless apparatus. Therapeutic gymnastics and massage in cases of paralysis from poliomyelitis; a practical manual for physicians] Obuchenie khod'be v bezzamkovykh apparatakh, lechebnaia gimnastika i massazh pri paralichakh posle poliomielita; metodicheskoe posobie dlia vrachei. Moskva, Gos. izd-vo med. lit-ry, 1956. 105 p.
(DNLM)

SHRAMENKO, A.I. [Protection against radium radiation and substitute for it in institutions using radiotherapy] Zashchita ot izlucheniia radia i ego zamenitelei v radioterapevticheskikh uchrezhdeniiakh. Kiev, Gos. med. izd-vo USSR, 1956. 30 p. (Biblioteka prakticheskogo vracha)

SIGAL, A.M. [Digitalis and its therapeutic uses; digitalis therapy] Naperstianka i ee terapevticheskoe primenenie; digitalisnaia terapiia. Izd. 2-e, perer. i dop. Moskva, Gos. izd-vo med. lit-ry, 1956. 238 p.
(DNLM)

STRELKOVA, N.I. [The treatment of radiculitis at health resorts] Kurortnoe lechenie radikulita. Moskva, Medgiz, 1956. 19 p.
(DNLM)

TIMOSHENKO, L.V. [Hemolytic diseases of newborn infants; the Rh factor as a cause of hemolysis and its complications] Gemoliticheskie zabolevaniia novorozhdennykh; rezus-faktor kak prichina gemoliza i ego oslozhneniia. Kiev, Gos. med. izd-vo USSR, 1956. 1[illegible] p. (Biblioteka prakticheskogo vracha)
(DNLM)

## 15. AGRICULTURE

AFANAS'EVA, N.I., and A.R. MOROZOV. [The club and socialist competition among collective farm workers] Klub i sotsialisticheskoe sorevnovanie kolkhoznikov. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 58 p. (Bibliotechka sel'skogo klubnogo rabotnika)

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. TSentral'naia nauchnaia biblioteka. [Experience of agricultural leaders of Kazakhstan; an annotated bibliography] Opyt peredovikov sel'skogo khoziaistva Kazakhskoi SSR; annotirovannyi ukazatel' literatury. Alma-Ata, 1955. 290 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent, Institut ekonomiki. [Prospective plan for the development of a collective cotton farm; the Stalin collective farm of the Buvaidy District, Fergana Province] Perspektivnyi plan razvitiia khlopkoseiushchego kolkhoza; kolkhoz imeni Stalina Buvaidinskogo raiona Fergan-skoi oblasti. Tashkent, 1956. 125 p.

AKADEMIIA NAVUK BSSR, Minsk. Instytut melioratsyi, vodnai i balotnai haspadarki. [Meadows and pastures of White Russia and their improvement] Kormovye ugod'ia BSSR i ikh uluchshenie. Pod red. I.S. Lupinovicha i S.G. Skoropanova. Minsk, Gos. izd-vo BSSR, 1956. 403 p.
(DA)

AL'BENSKII, A.V., and P.D. NIKITIN, eds. [Land improvement through afforestation] Agrolesomelioratsiia. Izd. 3-e, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 743 p.

ALEKSANDROV, S.V., and others. [Vegetable gardening] Ovoshchevodstvo. Pod red. D.D. Brezlineva. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 472 p.
(DA)

ASTAPOV, S.V., and V.V. SPENGLER. [Prevention and control of salinity and swamping in irrigated lands] Preduprezhdenie i bor'ba s zasoleniem i zabolachivaniem oroshaemykh zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 158 p.

BALASHEV, N.N. [The achievements of science and progressive practice in Uzbek vegetable growing] Dostizheniia nauki i peredovogo opyta v ovoshchevodstve Uzbekistana. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 61 p.
(DA)

BALASHEV, N.N., and N.A. BEZRODNOV, eds. [Organization of vegetable gardening on collective farms] Organizatsiia ovoshchevodstva v kolkhozakh. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 247 p.
(DA)

BAL'MONT, V.A. [Kazakh fine-fleeced sheep; methods of breeding and characteristics of breeds] Kazakhskie tonkorunnye ovtsy; metodika vyvedeniia i kharakteristika porody. Alma-Ata, Kazakhskoe ob"edinennoe gos. izd-vo, 1948. 134 p.
(DA)

BASIN, M.Z., and A.IA. GUTSEVICH. [Vegetable gardening manual] Spravochnik po ogorodnichestvu. Izd. 8-e, dop. [Moskva] Profizdat, 1956. 230 p.
(DA)

CHEREPAKHIN, M.K. [Dense seeding in the raising of forage crops] Uplotnennye posevy v kormovykh oborotakh. Rostov-na-Donu, Rostovskoe kn-vo, 22 p.
(DA)

CHERKASOV, M.I. [Flower gardens; an album] TSv[illegible]ki; al'bom. Moskva, Izd-vo Ministerstva kommunalnogo khoziaistva RSFSR, 1956. 200 p.

[COLLECTIVE FARMER'S ALMANAC FOR 1957] K[illegible]lendar' kolkhoznika na 1957 god. Moskva, Gos. izd-vo lit-ry [1956] 175 p.

[DISTANT SIBERIA IS NEAR TO US; travel notes and diaries of students working on new and idle lands] Nam sibirskie dali blizki; putevye zametki i dnevniki studencheskikh brigad, poluvavshikh v zatonakh i celin tselinnykh i zalezhnykh zemel'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 143 p.

[THE ECONOMICS AND ORGANIZATION OF CORN PRODUCTION; the practice of collective farms, machine-tractor stations, and state farms] Ekonomika i organizatsiia proizvodstva kukuruzy; opyt kolkhozov, MTS i sovkhozov. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 361 p.

EFIMOV, A.I. [Manual on the use of pesticides in protecting plant diseases and pests] Spravochnik po primeneniiu iadov dlia bor'by s vrediteliami i boleznami rastenii. Izd. 6-e, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 431 p.
(DA)

ELEMANOV, A.E., and M.A. ERMEKOV. [Sheep breeding] Ovtsevodstvo. Alma-Ata, Kazakhskoe gos. izd-vo, 1954. 310 p. (Trekhletnie agrozootekhnicheskie kursy, 2, p. obucheniia)
(DA)

ERMAKOVA, A.P. [How we attained skill; experience of potato growers on the "Borodino" Collective Farm] Kak my dobilis' masterstva; opyt zvena kartofelevodov kolkhoza "Borodino." [Moskva] Moskovskii rabochii, 1956. 36 p.
(DA)

EVROPIN, IU.P. [Laws of physics in the mechanization of agriculture; programs for general study groups in rural clubs] Zakony fiziki v mekhanizatsii sel'skogo khoziaistva; programmy dlia obshchestvennogo kruzhka v sel'skom klube. Moskva, Gos. izd-vo kulturno-prosvetit. lit-ry, 1956. 47 p. (Bibliotechka sel'skogo klubnogo rabotnika)

FILIPPENKO, G.I. [The "Oktiabr" Collective Farm] Khlopkovodcheskii kolkhoz "Oktiabr'." [Tashkent] Ministerstvo sel'skogo khoziaistva Uz[illegible] 1955.
(DA)

GIL'DIEV, S.A. [Experience of the Stalin Collective Farm in adopting a new system of irrigation] Opyt kolkhoza imeni Stalina po perekhodu na novuiu sistemu orosheniia. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1954. 22 p.
(DA)

GROMYKO, I.D. [Problems in reclaiming new and fallow lands in the northern provinces of Kazakhstan] Voprosy osvoeniia tselinnykh i zalezhnykh zemel' v severnykh oblastiakh Kazakhstana. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 71 p.
(DA)

GULIAEV, I.A. [Hunting fur-bearing animals] Okhota na pushnykh zverei. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 79 p.

[HIGH YIELDS FROM NON-CHERNOZEM ZONES, the practice of leaders in Vladimir Province] Za vysokii urozhai v nechernozemnoi polose; iz opyta peredovykh khoziaistv Vladimirskoi oblasti. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 106 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

HLOTOV, VASYL'. [On virgin lands of Altai Territory] Na altais'kii tsilyni. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1956. 82 p.
(MH)

ISHCHENKO, A.F. [The deed beyond the word; remarks on the agitator's work on a dairy farm] Za slovom - dilo; zametki o rabote agitatora na molochnotovarnoi [illegible]. Moskva, Gos. izd-vo polit. lit-ry, 1956. [illegible]

[IT'S A QUESTION OF ORGANIZERS; the work of a collective farm director] Delo v organizatorakh; iz praktiki rukovodstva kolkhoza. 11. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 104 p.

KAREV, G.I. [Fodder and pasture for northern reindeer] Korma i pastbishcha severnogo olenia. Pod red. V.N. Andreeva. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 98 p.
(DA)

KARGOPOLOV, E.A. [The poisoning of sheep on spring pastures in southern Kazakhstan] Otravlenie ovets na vesennikh pastbishchakh luga Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 64 p.
(DA)

KARIANOV, N.A. [Furrow-terrace methods of growing vegetables] Borozdkovo-terrasnyi sposob vyrashchivaniia ovoshchei. Rostov-na-Donu, Rostovskoe kn-vo, 1955. 10 p.
(DA)

KATYREV, A.E., and others, comps. [Experience in cultivating corn; based on papers at a province conference] Opyt vozdelyvaniia kukuruzy; po materialam oblastnoi konferentsii. [Novosibirsk] Novosibirskoe kn-vo, 1956. 226 p.
(DA)

KIVOTOV, S.A. [Practical work in school garden plots; a manual for students of classes 5-6 in secondary schools] Prakticheskie zaniatiia na shkol'nom uchebno-opytnom uchastke; posobie dlia uchashchikhsia V-VI klassov srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 142 p.
(DA)

KOLESOV, A.M., ed. [Avitaminosis in farm animals and poultry] Avitaminozy sel'skokhoziaistvennykh zhivotnykh i ptits. [Saratov] Saratovskoe kn-vo, 1953. 120 p. (V pomoshch' veterinarnomu vrachu i zootekhniku)
(DA)

KOLPAKOV, D.S. [Sources for an increase in labor productivity on collective farms] Istochniki rosta proizvoditel'nosti truda v kolkhozakh. [Moskva] Moskovskii rabochii, 1956. 91 p.
DS

KOTOV, V.M. [Growing oaks in shelterbelts] Vyrashchivanie duba v lesnykh polosakh. [Kuibyshev] Kuibyshevskoe kn-vo, 1954. 84 p.
(DA)

KOZVONIN, I.A. [The "Sibiriak" State Farm's reclamation of origin land] Osvoenie tseliny sovkhozom "Sibiriak." Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 30 p. (Prodovol opyt v sel'skom khoziaistve)
(DA)

KRIVITSKII, A.L. [On a progressive collective farm] V peredovom kolkhoze. Frunze, Kirgizskoe gos. izd-vo, 1955. 24 p.
(DA)

KUZNETSOV, B.A. [Karakul and broadtail (fundamentals of the trade)] Karakul' i smushka; osnovy tovarovedeniia. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1955. 302 p., illus.

LAVRINENKO, D.D., A.M.FLOROVSKII, and A.K. KOVALEVSKII. [Forest types for the Ukraine] Tipy lesnykh kul'tur dlia Ukrainy. Kiev, Izd-vo Akademii nauk USSR, 1956. 286 p.

LIUBASHENKO, S.IA., ed. [Infections and parasitic infestations of dogs] Infektsionnye i invazionnye bolezni sobak. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 242 p.
(DA)

LUKINOV, L.I. [Monthly advance payments to collective farm workers] Ezhemesiachnoe denezhnoe avansirovanie kolkhoznikov. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 29)

MARINKO, L.L. [State farms and their role in effecting a sharp rise in agriculture] Sovkhozy i ikh rol' v osushchestvlenii krutogo pod"ema sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva. Vyp. 2, no. 10)

MARKOV, V.M., and M.A. BORUSHKO. [Laboratory manual for vegetable growing] Rukovodstvo k laboratornym zaniatiiam po ovoshchevodstvu. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 223 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Bee Culture" pavilion; a guidebook] Pavil'on "Pchelovodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Estonian S.S.R." pavilion; a guidebook] Pavil'on "Estonskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 25 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Horse Breeding" pavilion; a guidebook] Pavil'on "Konevodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 19 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Kirghiz S.S.R." pavilion; a guidebook] Pavil'on "Kirgizskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 25 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Moscow, Tula, Ryazan, Kaluga, and Bryansk Provinces" pavilion; a concise guidebook] Pavil'on "Moskovskaia, Tul'skaia, Riazanskaia, Kaluzhskaia, Brianskaia oblasti"; kratkii putevoditel'. [Moskva] Moskovskii rabochii, 1956. 50 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- ["Poultry breeding and pond fish culture" pavilion; a guidebook] Pavil'on "Ptitsevodstvo i prudovoe khoziaistvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Sheep Breeding" pavilion; a guidebook] Pavil'on "Ovtsevodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Tajik S.S.R." pavilion; a guidebook] Pavil'on "Tadzhikskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Turkmen S.S.R." pavilion; a guidebook] Pavil'on "Turkmenskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Ukrainian S.S.R." pavilion; a guidebook] Pavil'on "Ukrainskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 28 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Uzbek S.S.R." pavilion; a guidebook] Pavil'on "Uzbekskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954- [The "Volga Valley" pavilion; a guidebook] Pavil'on "Povolzh'e"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 20 p.

[OUR EXPERIENCE IN STUDYING THE COLLECTIVE FARM ECONOMY; a collection of articles based on a Khmel'nitskiy Province agricultural conference] Nash opyt izucheniia kolkhoznoi ekonomiki; sbornik statei po materiam Khmel'nitskoi oblastnoi ekonomicheskoi sel'skokhoziaistvennoi konferentsii. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 166 p.

PANCHENKO, OLES'. [Technique of fishing and fish culture. (With 86 illustrations). The fish and the hook, Semi-commercial and commercial fishing, Fish breeding, Most common diseases in fish and the technique of processing fish] Tekhnika rybal'stva i rybnytstva. (Z 86 maliunkami). Ryba i hachok, Napivpromyslovyi ta promyslovyi lov ryby, Rybnytsvo, Naiposhyrenishi khoroby ryb ta tekhnika pererobky ryby. Vyd. druhe. Na chuzhyni, Universal'na biblioteka [n.d.] 144 p.

POLKOVNIKOVA, R.S., and V.A.PUZYNO. [Fowl pest] Chuma ptits. Frunze, Kirgizskoe gos. izd-vo, 1955. 18 p.
(DA)

POLYNOV, B.B., I.A.KRUPENIKOV, and L.A.KRUPENIKOV. [Vasilii Vasil'evich Dokuchaev; a sketch of his life and works] Vasilii Vasil'evich Dokuchaev; ocherk zhizni i tvorchestva. S posleslovieм I.V. Tiurina. Moskva, Izd-vo Akademii nauk SSSR, 1956. 276 p. (Nauchno-populiarnaia serila)

PONOMARENKO, A.A. [Work practices of leading cotton growers of Tajikistan] Iz opyta raboty peredovikov-khlopkorobov Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1955. 49 p. (Nauchno-populiarnaia biblioteka, no. 32)
(DA)

POPOVA, A. [56 centners of makhorka per hectare] 56 tsentnerov makhorki s gektara. [Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955] folder.
(DA)

POPOVA, V.M., ed. [Principles of livestock raising] Osnovy zhivotnovodstva. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 234 p. (Trekhletnie agrozootekhnicheskie kursy. 1 g. obucheniia)
(DA)

PRIIMAK, A.K. [Fertilizers in fruit culture] Udobrenie plodovykh kul'tur. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1955. 236 p.
(DA)

[PROGRESSIVE METHODS OF GROWING POTATOES AND VEGETABLES; a collection of articles] Peredovye priemy vyrashchivaniia kartofelia i ovoshchei; sbornik statei. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 118 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

[RAISING SHEEP AND GOATS; a manual for livestock farm managers] Ovtsevodstvo i kozovodstvo; rukovodstvo dlia zaveduiushchikh fermami. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 679 p.
(DA)

SHCHUPAKOVSKII, V.F. [Cultivation of rice in the Uzbek S.S.R.] Agrotekhnika risa v Uzbekistane. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1954. 69 p. (Trekhletnie agrozootekhnicheskie kursy. 2. g. obucheniia)
(DA)

STEPANOV, P.A., N.M.PAVLOVA, and N.I.KOROLEVA. [The collective farm orchard] Kolkhoznyi sad. Izd. 4-e, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 268 p.
(DA)

[STORIES OF NEW SETTLERS] Rasskazy novoselov. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 26 p.

SUPRUN, A.M. [An income of 40,000 rubles from a hectare of hemp] 40,000 rublei dokhoda s gektara posevov konopli. [Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955] folder.
(DA)

SUVOROV, E.K. [Commercial fisheries of the U.S.S.R.; introduction to specialized ichthyology] Promyslovye vodoemy SSSR; vvedenie v chastnuiu ikhtiologiiu. Leningrad, Izd-vo Leningradskogo gos. univ. im. A.A. Zhdanova, 1948. 238 p.

TOLYPIN, IU.M. [Business accounting and net cost at machine-tractor stations and on collective farms] Khozraschet i sebestoimost" v MTS i kolkhozakh. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 74 p. (Bibliotechka v pomoshch' lektoru, no. 22)

TSEREVITINOV, F.V. [Chemistry and the marketing of fresh fruits and vegetables] Khimiia i tovarovedenie svezhikh plodov i ovoshchei. Izd. 3-e, perer. i dop. Moskva, Gostorgizdat, 1949. 1 v.
(NIC)

[TWENTY SEVEN YOUNG FROM EVERY SOW ANNUALLY] 27 porosiat ot kazhdoi svinomatki v god. [Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1955] folder.
(DA)

ULIN, I.I., ed. [Experience of schools in growing corn; a collection of articles] Opyt shkol po vyrashchivaniiu kukuruzy; sbornik statei. Moskva, Ministerstvo prosveshcheniia RSFSR, 1956. 237 p.
(DA)

VASIL'EV, D.G. [Business accounting cost on state farms] Khozraschet i sebestoimost' v sovkhozakh. [Moskva] Moskovskii rabochii, 1956. 45 p.

A 15 - 16

VLASOVA, P.A., [Agricultural and physiological principles of the cultivation of sugar beets] Agrofiziologicheskie osnovy vozdelyvaniia sakharnoi svekly. Kiev, Akademiia nauk Ukrainskoi SSR, 1956. 254 p.
(DA)

VOIKOVA, A.A. [Infectious diseases of sheep caused by soil microbes] Zarazhnye bolezni ovets, vyzyvaemye pochvennymi mikrobami. Frunze, Kirgizskoe gos. izd-vo, 1954. 41 p.
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIASTVENNYKH NAUK IMENI V.I.LENINA. [Problems in increasing milk production and milkfat content farm cattle] Problemy povysheniia molochnoi produktivnosti i zhirnomolochnosti krupnogo rogatogo skota. Pod red. E.F.Liskuna i I.I.Podvoiskogo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 214 p.
(DA)

[A YEAR OF WORK IN THE RECLAMATION OF NEW AND WASTE LANDS IN OMSK PROVINCE; the experience of collective farms, machine-tractor stations, and state farms] God raboty po osvoeniiu tselinnykh i zalezhnykh zemel' v Omskoi oblasti; iz opyta kolkhozov MTS i sovkhozov. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 343 p.
(DA)

ZHUKOV, P.A., and V.I.GANSHTAK. [The leading role of socialist industry in the development of Soviet agriculture] Vedushchaia rol' sotsialisticheskoi promyshlennosti v razvitii sel'skogo khoziaistva, 1954. 62 p. (V pomoshch' propagandistu i agitatoru)

ZHURAVLEV, I.I., and L.A.SOFIAN. [Practical instructions for controlling lodging of seedlings in nurseries] Prakticheskie ukazaniia po bor'be s poleganiem selantsev v pitomnikakh. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 43 p. (Nauchno-populiarnaia serlia, no. 4)
(DA)

## 16. TECHNOLOGY

ABADZHI, K.I., and others. [Reference manual for production control in machine building] Spravochnik po proizvoditsvennomu kontroliu v mashinostroenii. Pod obshchei red. A.K.Kutai. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 670 p.

ABRAMOV, SH.S. [Petroleum, its function, prospecting methods, and exploitation] Neft', ee naznachenie, metody razvedki i dobychi. [Groznyi] Groznenskoe kn-vo, 1956. 80 p. (Seriia dlia molodezhi)

AKADEMIIA NAUK SSSR. Institut gornogo dela. Mezhduvedomstvennaia komissiia po vzryvnomu delu. [Short-delay blasting in mine work; a collection of papers delivered at the conference on short-delay blasting] Korotkozamedlennoe vzryvanie v gornom dele; sbornik trudov soveshchaniia po korotkozamedlennomu vzryvaniiu. Pod obshchei red. B.A.Epova. Moskva, Ugletekhizdat, 1956. 78 p.

AKADEMIIA NAUK SSSR. Sovet po izucheniiu proizvoditel'nykh sil. Aralo-Kaspiiskaia kompleksnaia ekspeditsiia, 1948-1950. [Studies on deformations of canals and the effect of irrigation on ground water in the region of the lower Amu Darya] Issledovaniia deformatsii kanalov i vliianiia orosheniia na gruntovye vody v nizov'iakh Amu-Dar'i. Moskva, 1956. 221 p. (Its Trudy, no. 7)

ANFIMOV, M.I. [Designs of reducing gear] Konstruktsii reduktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 219 p.

ANIKEEV, I.IA. [Hydromechanization in the mining and quarrying of industrial building materials] Gidromekhanizatsiia na kar'erakh promyshlennosti stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 199 p.

APUKHTIN, G.I. [Soldering of aluminum and its alloys by means of ultrasonic waves] Paika aliuminiia i ego splavov s primeneniem ul'trazvuka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 17 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh. Tema 22, no. 1-56-3)

ARONOVICH, V.V. [Instruments and regulators in the distilling industry] Pribory i regulatory spirtovoi promyshlennosti. Moskva, Pishchepromizdat, 1956. 326 p.

AUERMAN, L.IA. [Bread baking technology] Tekhnologiia khlebopecheniia. Izd. 6-oe, perer. i dop. Moskva, Pishchepromizdat, 1956. 466 p.

BABAEV, A.P. [Axle bearings of cone pressed wood for streetcars; work practice of the S.M.Kirov trolley depot in Moscow] Motorno-osevye vagonnye podshipniki iz drevesnoi pressmassy; iz opyta raboty tramvainogo depo imeni S.M.Kirova g. Moskvy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 32 p. (Obmen peredovym opytom predpriiatii kommunal'nogo khoziaistva)

BABAKOV, A.A. [Stainless steel, properties and chemical stability in various corrosive media] Nerzhaveiushchie stali svoistva i khimicheskaia stoikost' v razlichnykh agressivnykh sredakh. Pod red. I.IA.Klinova. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 120 p. (Korrozila v khimicheskikh proizvodstvakh i sposoby zashchity, no. 8)

BABUK, V.B., ed. [Inventions and improvements in agricultural machinery; a collection of suggestions by Ukrainian inventors and innovators on the mechanization of agriculture] Izobreteniia i usovershenstvovaniia v sel'skokhoziaistvennoi tekhnike; sbornik predlozhenii izobretatelei i ratsionalizatorov Ukrainy po mekhanizatsii sel'skogo khoziaistva. Kiev, Gos. izd-vo selkhoz. lit-ry USSR, 1956. 410 p.

BAEV, L.K. [Jet engineering in our day] Reaktivnaia tekhnika nashikh dnei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 107 p. (Biblioteka shkol'nika)

BARKAN, V.F., and V.K.ZHDANOV. [Radio receiver apparatus] Radiopriemnye ustroistva. Moskva, Gos. izd-vo obor. promyshl., 1956. 495 p.

BELIAKOV, M.F. [Geothermic observations in well boring and their interpretation] Geotermicheskie nabliudeniia v burovykh skvazhinakh i ikh interpretatsiia. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1955. 37 p.

BEL'KIND, L.D., LIA.KONFEDERATOV, and IA.A. SHNEIBERG. [A history of technology] Istoriia tekhniki. Moskva, Gos. energ. izd-vo, 1956. 491 p.

BELOZERTSEV, V.E., and N.V.BREDELEV. [Reducing labor loss in preparatory and auxiliary operations in lumber enterprises] Snizhenie trudovykh zatrat na podgotovitel'nykh i vspomogatel'nykh rabotakh v lespromkhozakh. Moskva, Goslesbumizdat, 1956. 28 p. (V pomoshch' mekhanizatoram lesozagotovok)

BIALKOVSKAIA, V.S., and F.F.RUSANOV, [The economics of a new-type forge shop] Ekonomika kuznitsy novogo tipa. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 145 p.

BOIKOV, P.I., and others. ["Belarus" MTZ-1 and MTZ-2 tractors] Traktory "Belarus" MTZ-1 i MTZ-2. Pod red. A.M.Tarasova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 350 p.

BOKII, O.B., A.I.MOROZOV, and M.V.MORDUKHOVICH. [Organization and planning of work in auxiliary sectors and plants of mines] Organizatsiia i planirovanie raboty vspomogatel'nykh uchastkov i tsekhov shakhty. Moskva, Ugletekhizdat, 1956. 310 p.

BORODIN, I.V. [Use of asbestos-cement piping in the construction of gas mains] Primenenie asbestotsementnykh trub pri sooruzhenii gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1951. 247 p.
[MICROFILM]

BRAND, V.E., E.P.BATURLINSKII, and N.B.KULIKOVSKAIA. [The use of reeds in industrial house construction] Primenenie kamysha v zavodskom domostroenii. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 108 p. (V pomoshch' stroiteliu)

BRENKEVICH, D.L., V.G.DUDIN, and A.N.LOGINOV. [Reducing idle time of locomotives in shop repair; the practice of locomotive repair shops of the Kuybyshev railroad] Sokrashchenie prostoia parovozov v depov-skom remonte; opyt parovoznykh depo Kuibyshevskoi zh. d. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 90 p.

BRUSKIN, D.E. [Electric equipment of airplanes] Elektrooborudovanie samoletov. Moskva, Gos. energ. izd-vo, 1956. 336 p.

BUGAETS, T.A., and V.L.VILCHINSKII. [Ma... railroad fuel and fuel storage] Spravochnik ... i toplivno-skladskomu khoziaistvu zheleznykh ... Moskva, Gos. transp. zhel-dor. izd-vo, 1956.

BUKHMAN, IA.Z., and IU.F.GIDASPOV. [Ventilation, lighting, and safety engineering in ore mines] ... for schools and courses for specialists] ... osveshchenie i gornospasatel'noe delo na ... skikh rudnikakh; uchebnoe posobie dlia shkol ... masterov. Sverdlovsk, Gos. nauchno-tekhn. ... lit-ry po chernoi i tsvetnoi metallurgii, Sverd... otd-nie, 1956. 260 p.

BULGAKOV, F.N., M.A.GUSAROVA, and I.A.P... ROZHENKO. [Work practices of the Kuibyshev coal preparation plant] Opyt raboty Kal'mitskoi (tsentral'noi ugleobogatitel'noi fabriki. Moskva, Ugletekhizdat, 1956. 20 p.

BURKSER, IE.S. [Where and how uranium is found ... z choho i tak dobuvaiut' uran. Kyiv, 1956. 31 p. (Tovarystvo dlia poshyrennia politychnykh i ... vykh znan' Ukrains'koi RSR. Ser. 5, no. 9)

BYKOV, P.N., and L.D.KHANKIN. [Hardening and ... and down time in lathe work] Sokrashchenie ... gatel'nogo vremeni pri rabote na tokarnykh ... Moskva, Gos. nauchno-tekhn. izd-vo ... lit-ry, 1956. 166 p.

CHALISHCHEV, A.M. [Drilling bore holes for water supply] Ustroistvo burovykh skvazhin dlia ... snabzheniia. Moskva, Gos. izd-vo lit-ry ... i arkhitekture, 1956. 104 p.

DAVIDENKOV, N.N., ed. [Problems in the design, ... facture, and service of springs] Voprosy ... izgotovleniia i sluzhby pruzhin. Moskva, ... chno-tekhn. izd-vo mashinostroit. lit-ry, ... 96 p.

DEMENTEEV, M.I. [A railroad's experience in ... devising efficient methods and practices ...] Opyt raboty dorogi po ratsionalizatsii i ... stvu. Moskva, Gos. transp. zhel-dor. ... 80 p.

DIMOV, LIUBOMIR. [Using Gu method of the least squares for determining the most suitable level and plane; for the vertical cross-section of building sites] Primenenie sposobu naimen'shikh kvadratov k opredeleniiu naibolee podkhodiashchikh ... shchikh primykh i ploskostei; pri vertikal'... nirovke stroitel'nykh ploshchadok. Perevod s ... skogo O.G.Dittsa i A.I.Bolotina. Pod red. ... Leningrad, Gos. izd-vo lit-ry po stroit. i ... 1956. 34 p.

DIOMIDOVSKII, D.A. [Furnaces for nonferrous metallurgy; construction, analysis, theory, calculation] Pechi tsvetnoi metallurgii; konstruktsii, issledovanie, teoriia, raschet. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 459 p.

DRANISHNIKOV, P.I. [Foundations for rural buildings and structures] Fundamenty sel'skikh zdanii i sooruzhenii. Kiev, Gos. izd-vo lit-ry po stroit. i ... ture USSR, 1956. 68 p.

DUSHIN, I.F. [Refrigerator floors over circulating air space; a scientific report] Shaitanovye poly kholodil'nikov; nauchnoe soobshchenie. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 35 p.

EDNERAL, F.P., and A.F.FILIPPOV. [Calculations in ... electrometallurgy of steel and ferrous alloys] Raschety po elektrometallurgii stali i ferrosplavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 188 p.

[EFFICIENT WORKERS IN AN ACCORDION FACTORY; work practice of the Sovetskaia Armiia Accordion Factory in Moscow] Ratsionalizatory bolshoi fabriki; iz opyta raboty Moskovskoi bolshoi fabriki im. Sovetskoi Armii. Moskva, Gos. izd-vo mestnoi promysh. RSFSR, 1956. 34 p. (Novatory mestnoi promyshlennosti)

EFREMOV, V.V., ed. [The repair of automobiles; a collection of scientific articles] Remont avtomobilei; sbornik nauchnykh statei. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry.
Pt.1. [Reconditioning parts by boading, pressure, and chrome plating] Vosstanovlenie detalei naplavkoi, davleniem i khromirovaniem. 1956. 281 p.

EIKHENVAL'D, A.A. [Selected works] Izbrannye raboty. Pod red. i s primechaniiami A.B. Miodzeevskogo. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 268 p. (Biblioteka russkoi nauki. Matematika, mekhanika, fizika, astronomiia)

EL'KIND, IU.M. [Circuits and systems for selfsynchronization of synchronous machinery] Skhemy i ustroistva dlia samosinkhronizatsii sinkhronnykh mashin. Moskva, Gos. energ. izd-vo, 1956. 207 p.

ERGALIEV, A.E., V.A.SHESTAKOV, and A.N.BALOBOLKIN. [Work practice of leading miners in Rudnyy Altai] Opyt raboty peredovykh gornakov rudnogo Altaia. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 96 p.

EVSEEV-SIDOROV, A.I., and IA.L. ZIMAN. [Aerial photography] Aerofotos"emka. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 258 p.

FAINBERG, IU.M., and A.B. ZELENOV. [Controlling the electric drive of continuous hot rolling mills] Regulirovanie elektroprivoda nepreryvnykh stanov goriachei prokatki. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 230 p.

FIDELEV, A.S., N.Z.GARMASH, and A.N.TURENKO. [Research in excavating machinery] Issledovanie raboty zemlerobnykh mashin. Kiev, Izd-vo Akademii nauk USSR, 1956. 65 p.

FOMICHEV, M.I. [Greater production from every square meter of working area] Bol'she produktsii s kazhdogo kvadratnogo metra proizvodstvennoi ploshchadi. [Ivanovo] Ivanovskoe kn-vo, 1955. 59 p.

[FOREIGN APPARATUS FOR AUTOMATIC CONTROL OF MODELS IN FLIGHT] Zarubezhnye pribory avtomaticheskogo upravleniia modeliami v polete. Moskva, Izd-vo DOSAAF, 1956. 47 p.

FRANKLIN, BENJAMIN. [Experiments and observations on electricity. Translated from the English] Opyty i nabliudeniia nad elektrichestvom. Perevod s angliiskogo V.A.Alekseeva. Red., stat'ia i kommentarii B.S.Sotina. Moskva, Izd-vo Akademii nauk SSSR, 1956. 271 p. (Klassiki nauki)

GAIDOVSKII, V.M. [Double quotas per shift with the DKA-0,25 excavator; experience of Innovator N.N. Pavlov of the White Russian Highways Administration] Dve normy v smenu na ekskavatore DKA-0,25; iz opyta rabochego-novatora Upravleniia dorog Belorusskoi SSR N.N. Pavlova. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 19 p. (Opyt novatorov-dorozhnikov)

GENSHGAI, D.A. [Design and construction of vibratory converters] Raschet i konstruirovanie vibropreobrazovatelei. Moskva, Izd-vo DOSAAF, 1956. 120 p.

GERTSENSHTEIN, B.IA., and N.A.SAVINA. [Principles of theory and the design of wire broadcasting systems] Osnovy teorii i raschet linii provodnogo veshchaniia. Moskva, Gos. izd-vo lit-ry po voprosam svlazi i radio, 1956. 371 p.

GIDON, L.M. [Steam engine regulating equipment] Regulirovanie lokomobil'nykh ustanovok. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 220 p.

GLAZUNOV, S.V. [Testing sport cars; the finishing operations on the construction] Ispytanie sportivnykh avtomobilei; dovodka konstruktsii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 118 p.

GOL'D, B.V. [Automobile designing; the selection of basic parameters] Proektirovanie avtomobilei; vybor osnovnykh parametrov. Pod red. A.A. Lipgarta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 355 p.

GOL'DVARG, S.SH. [Repairing L and LV locomotives; practice of the Moscow marshalling yards] Opyt remonta parovozov L i LV; iz praktiki depo Moskva-sortirovochnaia. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 66 p.

GOLOUSHKIN, V.N. [Radio is a Russian invention] Izobretenie radio prinadlezhit Rossii. [Leningrad] Lenizdat, 1956. 62 p.

GOR'KOVSKII AVTOMOBIL'NYI ZAVOD IMENI MOLOTOVA, Gorki. [Catalog of spare parts for trucks, models GAZ-51, GAZ-63 and GAZ-63A] Katalog zapasnykh chastei gruzovykh avtomobilei GAZ-51, GAZ-63 i GAZ-63A. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 237 p.

GRANSKII, V.L. [What the turner should read to improve his qualifications; a recommended reading list] Chto chitat' tokariu dlia povysheniia kvalifikatsii; rekomendatel'nyi ukazatel' literatury. Pod red. N.I.Dumchenko. Leningrad, Gos. publichnaia biblioteka im. M.E.Saltykova-Shchedrina, 1956. 99 p.

GRIN, L.P. [Gas generators for power in agriculture] Silovye gazogeneratornye ustanovki dlia sel'skogo khoziaistva. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 195 p.

GRITSKEVICH, A.G. [Tractor operator Alekseі Gorbushin] Traktorist Aleksei Gorbushin. Moskva, Goslesbumizdat, 1956. 29 p. (Opyt novatorov lesozagotovok)

GRUSHMAN, R.P. [Industrial methods for heat insulation of pipes by means of mineral wool] Industrial'nyi sposob teploizoliatsii truboprovodov mineral'noi vatoi. Leningrad; Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 26 p. (Novatory stroitel'noi industrii)

GRUZIN, V.G., and V.N. SAVEIKO. [Founding characteristics of 25L, 25KhM and 25KhMF steel] Liteinye svoistva stalei 25L, 25KhM i 25KhMF. Moskva, Izd-vo Akademii nauk SSSR, 1956. 14 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh. Tema 1, no. I-56-8)

GUREVICH, D.F. [Principles of calculations for pipe fittings] Osnovy rascheta truboprovodnoi armatury. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 270 p.

INTERNATIONAL PETROLEUM CONGRESS, 4th, Rome, 1955. [4th International Petroleum Congress] IV Mezhdunarodnyi neftianoi kongress. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry.
- Vol.1. [The geology of oil and gas deposits] Geologiia neftianykh i gazovykh mestorozhdenii. (Pod red. A.A. Trofimuka). 1956. 534 p.
- Vol.2. [Geophysical methods in prospecting] Geofizicheskie metody razvedki. (Pod red. V.V. Fedynskogo). 1956. 392 p.
- Vol.4. [The technology of oil and shale processing] Tekhnologiia pererabotki nefti i slantsev. 1956. 527 p.
- Vol.5. [Chemical processing of oil and gas] Khimicheskaia pererabotka nefti i gaza. 1956. 302 p.
- Vol.6. [Equipment, metals, and protection from corrosion] Oborudovanie, metally i zashchita ot korrozii. 1956. 227 p.

IORISH, IU.I. [Vibration measurement; general theory, methods and instruments] Izmerenie vibratsii; obshchaia teoriia, metody i pribory. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 403 p.

IZHIKOV, A.A., and A.P. SEDOV. [Bricklaying and facing work] Kamennye i oblitsovochnye raboty. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 262 p.

KALININ, V.I. [Operation of tractor-mounted hoisting machinery] Ekspluatatsiia traktorov-pod"emnikov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 174 p.

KARIAGIN, I.D., L.M. TOMASHPOL'SKII, and M.D. KOTLIAR. [Planning over-all organization of boring work] Proektirovanie kompleksnoi organizatsii burovykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 99 p.

KARPENKO, A.P. [Technologically sound norms and their role in increasing labor productivity] Tekhnicheski obosnovannye normy i ikh rol' v povyshenii proizvoditel'nosti truda. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 12)

KATSENELINBOIGEN, A.I. [Automatization of production processes and problems in work organization; changes in the division of labor and the qualifications of workers under conditions of the automatization of metalworking processes] Avtomatizatsiia proizvodstvennykh protsessov i voprosy organizatsii truda; izmeneniia v razdelenii truda i kvalifikatsii rabochikh pri avtomatizatsii protsessov metalloobrabotki. Pod red. K.I. Klimenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 141 p.

KAZANSKII, N. [How to make antennas and grounding systems] Kak sdelat' antennu i zazemlenie. Moskva, Izd-vo DOSAAF, 1956. 21 p. (V pomoshch' mashinostroitel'nomu radiolubiteliu)

KHUBERIAN, K.M. [Efficient shapes for water pipes, reservoirs, and pressure arches] Ratsional'nye formy truboprovodov, rezervuarov i napornykh perekrytii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 206 p.

KIRAKOSOV, V.P. [Investigation of seepage in concrete structures subject to water pressure] Issledovanie fil'tratsii v postroennykh vodopodpornykh betonnykh sooruzheniiakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 233 p.

KOGAN, I.M. [The chemistry of dyes] Khimiia krasitelei. Izd. 3-e. Pod red. A.I. Koroleva. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 696 p.

KOLOSOVA, A.E., N.I.BELIAEV, and M.P.DANICHEV. [Use of enlarged small scale aerial photographs in forest mensuration work] Ispol'zovanie uvelichennykh melkomasshtabnykh aerosnimkov pri lesouchetnykh rabotakh. Moskva, Goslesbumizdat, 1956. 56 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Moskovskii oblastnoi komitet. Otdel propagandy i agitatsii. [The agitator's notebook; special number devoted to rural building] Bloknot agitatora; spetsial'nyi vypusk, posviashchennyi sel'skomu stroitel'stvu. [Moskva, Moskovskaia pravda, 1956] 143 p.

KONCHEV, S.K., and S.N.KHAVKIN. [Problems in the economics and organization of repair of mining equipment] Voprosy ekonomiki i organizatsii remonta gornoshakhtnogo oborudovaniia. Moskva, Ugletekhizdat, 1956. 124 p.

KONONOV, A.M. [Universal tractors] Propashnye traktory. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 285 p.

KONOVALOV, V.S., and B.A. DLUGACH. [Work practices of heavy machinery industry railroad shops] Opyt raboty zheleznodorozhnykh tsekhov zavodov tiazhelogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 129 p.

KORZUN, P.P., and N.I. SLODKEVICH. [Planning operations and production in machine building plants; organization by work schedules] Operativno-proizvodstvennoe planirovanie na mashinostroitel'nom zavode; organizatsiia raboty po grafiku. Pod red. E.A. Satelia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 191 p.

KRAGEL', A.T. [Straightening railroad switches] Vypravka strelochnykh soedinenii. Izd. 2-oe, dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 226 p.

KRAIZEL'MAN, S.M., N.I. TIMOFEEV, and G.E. KOGAN. [Assembling and welding main pipe lines] Montazh i svarka magistral'nykh truboprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 191 p.

KRYLOV, V.I. [Automatic brakes of locomotives] Avtotormoza lokomotivov. Izd. 4-oe, ispr. i dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 378 p.

KUDIN, B.D. [Automatic skip hoisting equipment; of no. 10-bis mine of the Kuybyshev Trust] Avtomaticheskaia skipovaia pod"emnaia ustanovka; shakhty 10-bis tresta Kuibyshevugol'. Moskva, Ugletekhizdat, 1956. 39 p. (Novaia gornaia tekhnika)

KULIEV, A.M. [Ways of improving the qualities of petroleum lubricants] Puti uluchsheniia kachestv neftianykh smazochnykh masel. Baku, Azneftеizdat, 1954. 92 p. [MICROFILM]

KUPTSOV, P.A. [Hotel management] Gostinichnoe khoziaistvo. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 80 p.

KUZIN, A.A. [Technical archives; a manual] Tekhnicheskie arkhivy; uchebnoe posobie. Pod red. K.G.Mitiaeva. Moskva, Moskovskii gosudarstvennyi istoriko-arkhivnyi institut, 1956. 252 p. (Uchebnye posobiia po arkhivovedeniiu)

KUZNETSOV, A.A. [PGA-3 grab bin unit] Prokhodcheskii greifernyi agregat PGA-3. Moskva, Ugletekhizdat, 1956. 37 p. (Novaia gornaia tekhnika)

KUZNETSOV, F.I. [Speedy construction of logging roads] Skorostnoe stroitel'stvo lesovoznykh dorog. Moskva, Goslesbumizdat, 1956. 127 p. (V pomoshch' stroiteliam lesozagotovitel'nykh predpriiatii)

KUZNETSOV, S.I. [Manufacture of alumina; problems in physical chemistry] Proizvodstvo glinozema; voprosy fizicheskoi khimii. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 115 p.

LANG, A.G., and I.S.MAZOVER. [Construction gantry cranes; layout, operation and assembly] Stroitel'nye portal'nye krany; ustroistvo, obsluzhivanie i montazh. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 190 p.

LAVRUSHKO, P.N. [Underground well repairs] Podzemnyi remont skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 386 p. (V pomoshch' novym kadram neftianoi promyshlennosti)

LEBEDEV, I.V. [Atomic energy for the good of the people] Atomnaia energiia - na blago naroda. Moskva, Gos. izd-vo polit. lit-ry, 1956. 76 p.

LEBEDEV, V.S. [Plywood production] Fanernoe proizvodstvo. Moskva, Goslesbumizdat, 1956. 414 p.

LEIBERMAN, IU.R. [Rigidity and vibration of frame structures] Ustoichivost' i kolebaniia ramnykh konstruktsii. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR, 1955. 219 p.

LENINGRAD, PUBLICHNAIA BIBLIOTEKA. [Powerful helpers (books about machines); a catalog of recommended literature for students in classes 3-5] Moguchie pomoshchniki (knigi o mashinakh); rekomendatel'nyi spisok literatury dlia uchashchikhsia 3-5-kh klassov. Leningrad, 1956. 23 p.

LESSIG, E.N., A.F.LILEEV, and A.G.SOKOLOV. [Sheet steel structural elements] Stal'nye listovye konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 479 p.

LITVIN, A.M. [Engineering thermodynamics] Tekhnicheskaia termodinamika. Izd. 3-e, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 311 p.

LOSKUTOV, F.M. [Metallurgy of lead and zinc] Metallurgiia svintsa i tsinka. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 478 p.

LUKINYKH, A.A., and N.A.LUKINYKH. [Tables for hydraulic calculations of sewage systems and siphon spillways according to Academician N.N.Pavlovskii's formula] Tablitsy dlia gidravlicheskogo rascheta kanalizatsionnykh setei i diukerov po formule akad. N.N. Pavlovskogo. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 110 p.

LUPAL, N.V., and others. [Automatic control and telemechanics at railroad stations; remote control of switches and signals] Avtomatika i telemekhanika na stantsiiakh; teleupravlenie strelkami i signalami. Pod obshchei red. N.V. Lupala. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 395 p.

LUR'E, M.A. [Refractory materials in nonferrous metallurgy] Ogneupory v tsvetnoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956.

[MANUAL FOR RAILROAD CAR INSPECTORS] Pamiatka osmotrshchiku vagonov. Izd. 4-oe. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 61 p. (Rabota zheleznykh dorog v zimnikh usloviiakh)

[MANUAL FOR THE SECTION FOREMAN] Rukovodstvo brigadiru puti. Izd. 5-oe, perer. Moskva, Gos.transp. zhel-dor. izd-vo, 1956. 334 p.

MARGULOVA, T.KH. [Layout and thermal calculations for boiler installations] Komponovka i teplovoi raschet kotloagregata. Moskva, Gos. energ. izd-vo, 1956. 120 p.

MARKIN, A.B. [The future of electrification in the U.S.S.R.] Budushchee elektrifikatsii SSSR. Pod red. A.V. Vintera. Moskva, Gos. izd-vo polit. lit-ry, 1956. 162 p.

MARKOVA, E.I., and E.V. ORLOVA. [Mineral resources of Indonesia, Malaya, and Thailand] Mineral'nye resursy Indonezii, Malaii i Tailanda. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 105 p.

MARTYNOV, P.T. [Manufacture of concrete wall blocks on collective farms; workers' manual] Proizvodstvo stenovykh betonnykh kamnei v kolkhozakh; posobie dlia podgotovki rabochikh. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 75 p. (V pomoshch' kolkhoznomu stroitel'stvu)

MASLOV, I.G. [The leather industry] Kozhevennoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo legkoi promyshl., 1951. 226 p. (MnU)

MATKOVSKII, A.L. [Progressive methods of sinking vertical shafts and new shafting machinery] Peredovye metody prokhodki vertikal'nykh stvolov i novye prokhodcheskie agregaty. Moskva, Ugletekhizdat, 1956. 45 p.

[MECHANIZATION OF PREPARATORY OPERATIONS ABROAD] Mekhanizatsiia provedeniia podgotovitel'nykh vyrabotok za rubezhom. Moskva, Ugletekhizdat, 1956. 75 p.

MELAMED, L.G. [Organization of continuous lumbering operations in the Carpathians] Organizatsiia tsiklichnoi raboty na lesozagotovkakh v gornykh usloviiakh Karpat. Moskva, Goslesbumizdat, 1956. 47 p. (Grafik tsiklichnosti na lesozagotovkakh)

MERKULOV, A.I., and P.S.SHAITOR. [The salvaging department in a woodworking enterprise; experience of the Volodarskii Spool Factory] TSekh shirpotreba na derevoobrabatyvaiushchem predpriiatii; opyt katushechnoi fabriki imeni Volodarskogo. Moskva, Goslesbumizdat, 1956. 40 p.

METEL'SKII, Z.I. [Portable pumping stations and quickly assembled water pipes for irrigation] Peredvizhnye nasosnye stantsii i bystrosbornye truboprovody dlia oroshenila. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 61 p.

MOSCOW. GOSUDARSTVENNYI PROEKTNYI INSTITUT PROMSTROIPROEKT. [Album of drawings of [illegible] scaffolds made of metal pipe for masonry and [illegible] work] Al'bom chertezhei metallicheskikh rasbezbolttovykh lesov dlia kamennykh i [illegible] bot. Izd. 2-oe. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 48 p.

MOSCOW. GOSUDARSTVENNYI [illegible] ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Technical specifications for repairing, assembling, and testing the GAZ-51 automobile] Tekhnicheskie usloviia na remont, sborku i ispytanie avtomobilia GAZ-51. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 230 p.

MOSCOW. GOSUDARSTVENNYI [illegible] ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. Alma-Atinskii filial. [Problems in the life of automobiles and their work practices of Driver V.IA.Muller of the Pavlodar Autobase, Kazakhstan] Uvelichivat' srok sluzhby avtomobilia i iz opyta shofera Pavlodarskogo avtotsentra Kazakhskoi SSR V.IA.Millera. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 30 p.

MOSCOW. STANKOINSTRUMENTAL'NYI INSTITUT. [Precision and measuring techniques in machine building; a collection of scientific research papers] Tochnost' i tekhnika izmerenii v mashinostroenii; sbornik nauchno-issledovatel'skikh rabot. [Collected] shchet red. I.E. Gorodetskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1953. 123 p. [MICROFILM]

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954 - ["Water resources and rural hydroelectric power stations" guidebook] Pavil'on "Vodnoe khoziaistvo i sel'skaia gidroelektrostantsii"; putevoditel'. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 31 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORGANIZATSII I MEKHANIZATSII STROITEL'STVA. [Hydraulic methods of concentrating and grading sand and gravel] Obogashchenie i sortirovka peska i gravila gidravlicheskim sposobom. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 74 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORGANIZATSII I MEKHANIZATSII STROITEL'STVA. [Large capacity excavator buckets, a collection of designs] Ekskavatornye kovshi bolshoi emkosti; al'bom chertezhei. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 112 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO STROITEL'STVU. [The effect of superimposed direct current on bituminous covering of steel pipes] Vliianie nalozhennogo postoiannogo toka na bitumnye pokrytiia stal'nykh truboprovodov; nauchnoe soobshchenie. Moskva, Otdel nauchno-tekhn. informatsii, 1955. 15 p.

MOSCOW. VYSTAVKA "NOVAIA STROITEL'NAIA TEKHNIKA," 1956. [Moscow exhibition of new building machinery of 1956; a guidebook] Moskovskaia vystavka novoi stroitel'noi tekhniki 1956 goda; putevoditel'. [Moskva] Moskovskii rabochii, 1956. 70 p.

MOTKOVICH, VIKTOR. [Foundry men of Kolomna] Kolomenskie litoishchiki. Moskva, Vses. uchebno-podgog. izd-vo Trudrezervizdat, 1956. 46 p. (Vospitanniki trudovykh rezervov)

NATAPOV, B.S. [Metals] Metallovedenie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 343 p.

NEZHEVENKO, G.S. [My experience with high-speed milling of metals] Moi opyt skorostnoi obrabotki metallov. Kiev, nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1952. 61 p. [MICROFILM]

NOVIKOV, A.S. [Organization and methods for controlling production quality in machine building] Organizatsiia i metody kontrolia kachestva produktsii v mashinostroenii. Pod red. A.M. Dlina. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 165 p.

NOVOSPASSKII, A.F. [Modern blast furnaces] Sovremennaia domennaia pech'. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 304 p. [MICROFILM]

OBUKHOV, V.M., and A.S.MAKHNOVETSKII. [Automatization and heat control in glass production; work practice of the Dzerzhinskii glass factory in Gusev] Avtomatizatsiia i teplovoi kontrol' v proizvodstve stekla; iz opyta raboty Gusevskogo stekolnogo zavoda imeni Dzerzhinskogo. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 99 p. (Novoe v promyshlennosti stroitel'nykh materialov)

ONIKUL, IA.E., and K.Z. STRASHUN. [Stamping nonmetallic materials] Shtampovka nemetallicheskikh materialov. Pod obshchei red. V.P. Romanovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 56 p. (Bibliotechka shtampovshchika, no. 8)

OVCHINNIKOV, V.A., Z.M. LIBENSON, and A.M. SAMSUR. [Shell molding at the Ural Car Factory] Lit'e v obolochkovye formy na Uralvagonzavode. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 30 p. (Obmen tekhnicheskim opytom)

PANIUKOV, P.N. [Short course in engineering geology] Kratkii kurs inzhenernoi geologii. Moskva, Ugletekhizdat, 1956. 156 p.

PAZUKHIN, V.A., and A.IA. FISHER. [Vacuum in metallurgy] Vakuum v metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 520 p.

PERTSOVSKII, L.M., and M.B. PRUSAKOV. [Manual for traction substation operators] Posobie dezhurnomu tiagovoi podstantsii. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 176 p.

PETROV, B.P., and A.D.STEPANOV. [Operation of electric rolling stock] Upravlenie elektricheskim podvizhnym sostavom. Moskva, Gos. energ. izd-vo, 1956. 304 p.

PETROV, V.A. [Trade in meat and meat products] Torgovlia miasom i miasnymi tovarami. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 171 p.

PETRUSEVICH, A.I., M.D.GENKIN, and V.K.GRINKEVICH. [Dynamic loads on gearing with straight tooth gears] Dinamicheskie nagruzki v zubchatykh peredachakh s priamozubymi kolesami. Moskva, Izd-vo Akademii nauk SSSR, 1956. 133 p.

PICHUGIN, A.V., and others. [Peat beds and prospecting for them] Torfianye mestorozhdeniia i ikh razvedka. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 280 p.

PIKULIN, S.M. [New method of laying foundations for turbine installations] Novyi metod ustanovki na fundamente turboagregatov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 39 p.

PINDICH, S.P. [Repair of tractor engines; the experience of agricultural repair enterprises] Remont traktornykh dvigatelei; iz opyta sel'skokhoziaistvennykh remontnykh predpriiatii. Minsk, Gos. izd-vo BSSR, 1956. 141 p.

PIROGOV, N.D., and I.I. KOVALEVSKII. [Masonry and bricklaying] Kamennye i pechnye raboty. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 295 p.

PODD'IAKOV, N.V., and IU.N.KUZ'MIN. [Operation and repair of steam engines used in agriculture] Ekspluatatsiia i remont lokomobilei v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 100 p.

POLIAK, S.M. [Cold die stamping] Kholodnaia ob"emnaia shtampovka. Pod obshchei red. V.P. Romanovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 92 p. (Bibliotechka shtampovshchika, no. 6)
(CU)

POSTARNAKEVICH, I.V. [Boring machines] Na rastochnykh stankakh. [Moskva] Profizdat, 1956. 47 p. (Rasskazy novatorov)

PROMSYR'EIMPORT, VSESOIUZNOE OB"EDINENIE. [Steel for electric engineering] Stal' elektrotekhnicheskaia. Moskva [n.d.] 11 p.

PRONIN, IURII. [Hydraulic construction worker's diary] Dnevnik gidrostroevtsa. Stalingrad, Oblastnoe kn-vo, 1952. 60 p. [MICROFILM]

PUL'MANOV, N.V. [Internal combustion engines of building and road machinery] Dvigateli vnutrennego sgoraniia stroitel'nykh i dorozhnykh mashin. Izd. 2-oe. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 381 p.

RABCHINSKAIA, G.I. [Radio ingeneering materials] Radiotekhnicheskie materialy. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 328 p.

RAVICH, M.B. [Fuel in the sixth five-year plan] Toplivo v shestoi platiletke. Moskva, Gos. izd-vo polit. lit-ry, 1956. 69 p.

REKHTMAN, A.IA., B.L. MARKOV, and V.A. KRIVANDIN. [Plant laboratories making hydraulic models of metallurgical furnaces] Zavodskaia laboratoriia gidravlicheskogo modelirovaniia metallurgicheskikh pechei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 83 p.

RESHETOV, D.N., and others. [Calculations used in the modernization of machines] Raschety pri modernizatsii stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 156 p.

RIVLIN, L.B. [The maintenance of electrical equipment in shops] Obsluzhivanie tsekhovogo elektrooborudovaniia. Izd. 4-oe, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 284 p.

RODIONOV, L.E. [Determination of bench slope angles in open cut mines] Opredelenie uglov otkosa rabochikh ustupov ugol'nogo razreza. Moskva, Ugletekhizdat, 1956. 40 p.

ROGAL'SKII, B.I. [Use of ground, unslaked lime in construction] Primenenie molotoi negashenoi izvesti v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 147 p.

ROKHLIN, L.A. [Calculations for ceramic construction elements] Raschet keramicheskikh konstruktsii. Pod red. V.N.IArina. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekture USSR, 1956. 288 p.

ROKOTIAN, S.S. [Long-distance transmission of electric power] Peredacha elektricheskoi energii na dal'nie rasstoianiia. Moskva, Gos. energ. izd-vo, 1956. 77 p.

ROZENBERG, A.M., and A.N.EREMIN. [Elements of the theory of the process of metal cutting] Elementy teorii protsessa rezaniia metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 318 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie grazhdanskogo vozdushnogo flota. [Calendar for 1954] Kalendar', 1954. Moskva, Redizdat [1953?] 136 p. [MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. Biuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. [Volga-Don; technical report on the construction of the V.I. Lenin Volga-Don Canal, the TSimlyansk Hydroelectric Development and Irrigation Facilities] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii. V piati tomakh. (1940-1952). Moskva, Gos. energ. izd-vo.
Vol. 4. [Concrete work] Betonnye raboty. Glav. red. S.IA. Zhuk. Red. toma G.D. Petrov. 1956. 427 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. Tekhnicheskoe upravlenie. [Instructions for the repair of live electric transmission lines of 35-220 kv] Instruktsii po remontu linii elektroperedachi 35-220 kv, nakhodiashchikhsia pod napriazheniem. Moskva, Gos. energ. izd-vo.
Pt. 3. [Installation and removal of tubular dischargers on 35 and 110 kv. lines] Ustanovka i sniatie trubchatykh razriadnikov na liniiakh 35 i 110 kv. 1956. 22 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo elektrostantsii. Upravlenie kapital'nogo stroitel'stva. [Engineering geology research in designing and constructing hydroelectric power structures; a practical manual for technicians and geologists] Inzhenerno-geologicheskie issledovaniia pri proektirovanii i stroitel'stve gidroenergeticheskikh sooruzhenii; metodicheskoe posobie dlia tekhnikov-geologov. Izd. 2-oe, ispr. Moskva, Gos. energ. izd-vo, 1954. 408 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo geologii. [Handbook of consolidated estimate norms for geological prospecting operations] Spravochnik ukrupnennykh smetnykh norm na geologo-razvedochnye raboty (SUSN). Moskva, Gos. izd-vo geol. lit-ry.
No. 7. [Rotary drilling] Rotornoe burenie. 1950. 175 p. [MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Houses for fattening 150 swine; walls of logs] Svinarnik-otkormochnik na 150 golov; steny rublenye. Tipovoi proekt no. 0231. Moskva, 1956. 16 p., 14 plans. (Tipovye proekty sel'skokhoziaistvennykh postroek)
(DA)

RUSSIA (1923- U.S.S.R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Poultry house for 1,000 ducks (frame walls); brick columns with fillings of logs and adobe. Model no. 15-28] Utiatnik na 1000 golov (steny karkasnye); kirpichnye stoliby s zapolneniem iz breven ili samana. Proekt No. 15-28. Moskva, 1956. 15 p., 7 fold.l. (Tipovye proekty sel'skokhoziaistvennykh postroek)
(DA)

RUSSIA (1923- U.S.S.R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Poultry house for 5,000 ducks model no. 15-26] TSypliatnik na 5000 golov. Proekt No. 15-26. Moskva, 1956. 31 p., 13 fold. l. (Tipovye proekty sel'skokhoziaistvennykh postroek)
(DA)

RUSSIA (1923- U.S.S.R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Shelter for sows and for hog fattening farms; wooden frame walls, with siding of split logs or ordinary boards] Lager' dlia svinei matochnoi i otkormochnoi svinofermy; steny karkasnye de reviannye, stoiki s obshivkoi gorbyliami ili doskami. Proekt No. 5-65. Moskva, 1955. 36 p., 16 fold. l. (Tipovye proekty sel'skokhoziaistvennykh postroek)
(DA)

RUSSIA (1923- U.S.S.R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Summer shelter for 100 head of cattle; frame walls; wooden supports with filling of clay or adobe or with ordinary board siding] Lager' dlia krupnogo rogatogo skota na 100 korov; steny karkasnye; dereviannye stoiki s zapolneniem glinopletnem ili samanom ili s obshivkoi doskami. Proekt No. 4-72. Moskva, 1955. 62 p., 20 fold. l. (Tipovye proekty sel'skokhoziaistvennykh postroek)
(DA)

RUSSIA (1923- U.S.S.R.) Ministerstvo lesnoi promyshlennosti. TSentral'noe biuro tekhnicheskoi informatsii. [Manual on rolling friction bearings used in lumbering equipment] Spravochnik po podshipnikam kacheniia lesozagotovitel'nogo oborudovaniia. Sost. B.A. Medvedev. Moskva, Goslesbumizdat, 1956. 95 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. [Four-speed draw works for drilling; technical conditions for checking in for major repairs and for returning after repairs] Lebedki chetyrekhskorostnye dlia burenila; tekhnicheskie usloviia na sdachu v kapital'nyi remont i na postavku posle remonta. Vedomstvennaia normal' Ministerstva N567-56. [Moskva] 1 v. (unpaged)

RUSSIA (1923- U.S.S.R.) Ministerstvo stankostroitel'noi i instrumental'noi promyshlennosti. Nauchno-issledovatel'skoe biuro tekhnicheskikh normativov. [Manual on specification sheets for metal cutting tools; abridged specification sheets for technicians and norm setters] Rukovodstvo po pasportizatsii metallorezhushchikh stankov; sokrashchennye pasporta dlia tekhnologov i normirovshchikov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 367 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stankostroitel'noi i instrumental'noi promyshlennosti. Nauchno-issledovatel'skoe biuro tekhnicheskikh normativov. [Norms for cutting operations with drills of tool steel: high-speed, alloyed, carbon] Normativy po rezhimam rezaniia sverlami iz instrumental'noi stali; bystrorezhushchei, legirovannoi i uglerodistoi. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 53 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva. Tekhnicheskoe upravlenie. [Instructions for deep solidification of weak saturable soil by means of sand piles in laying foundations of buildings and structures] Instruktsiia po glubinnomu uplotneniiu slabykh vodonasyshchennykh gruntov peschanymi svaiami pri ustroistve osnovanii zdanii i sooruzhenii (I 198-56/Minstroi). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 44 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. [Instructions for economizing steel tubing in the design and installation of electric apparatus] Ukazaniia po ekonomii stal'nykh trub pri proektirovanii i montazhe elektrotekhnicheskikh ustanovok (U 146-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 5 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. Tekhnicheskoe upravlenie. [Instructions for planning and calculating vibration isolation of machines with dynamic load and equipment sensitive to vibration] Instruktsiia po proektirovaniiu i raschetu vibroizolintsii mashin s dinamicheskimi nagruzkami i oborudovaniia, chuvstvitel'nogo k vibratsiiam (I 204-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 53 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. Tekhnicheskoe upravlenie. [Instructions for thermal strengthening of loose macroporous (loess type) earth] Instruktsiia po termicheskomu ukrepleniiu prosadochnykh makroporistykh (lessovidnykh) gruntov (I-202-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 30 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii tiazheloi industrii. Tekhnicheskoe upravlenie. [Norms for GSTM steel luminated radiators (steam and air). NR-144-50] Normal' kalorifery stal'nye plastinchatye GSTM (parovozdushnye). NR-144-50. [Vladimir] Stroiizdat, 1950. 7 p.

[MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo sviazi. Glavnoe upravlenie lineino-kabel'nogo khoziaistva. [Provisional instructions on planning the protection of interurban cables from corrosion] Vremennaia instruktsiia po proektirovaniiu zashchity mezhdugorodnykh kabelei ot korrozii. Moskva Sviaz'izdat, 1954. 52 p.

[MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo trudovykh rezervov. [Using A.S.Makarenko's pedagogical legacy in trade schools; a collection of papers on experience with trade schools in the Ukraine] Ispol'zovanie pedagogicheskogo naslediia A.S.Makarenko v uchebnykh zavedeniiakh trudovykh rezervov; sbornik materialov po obmenu opytom remeslennykh uchilishch Ukrainskoi SSR. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1951. 98 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo tsvetnoi metallurgii. Tekhnicheskoe upravlenie. TSentral'nyi institut informatsii. [High-speed smelting in a reverberatory furnace; experience of skilled workman A.A.IArusov] Skorostnaia plavka v otrazhatel'nykh pechakh;opyt mastera A.A.IArusova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1952. 68 p. (Peredovye metody truda)

[MICROFILM]

RUSSIA (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Ball and roller bearings] Sharikovye i rolikovye podshipniki. Gost 3189-46. Izd. ofitsial'noe. Moskva, 1956. 222 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Changes in government standards (GOST and OST) during 1955; 1956 supplements] Izmeneniia k Gosudarstvennym Standartam (GOSTam i OSTam) 1955 g.; dopolneniia 1956 g. ofitsial'noe. [Moskva] Gos. izd-vo

SEREBRENNIKOV, V. V. [Reinforced concrete railroad ties] Zhelezobetonnye shpaly. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 55 p.

SHAL'NOV, V. A. [Fast grinding of alloyed structural steel] Skorostnoe shlifovanie legirovannykh konstruktsionnykh stalei. Moskva, Gos. izd-vo obor. promyshl., 1956. 126 p.

SHAMIRGON, S. A. [Acid-resistant mine pumps of high-chromium steel] Kislotostoikie shakhtnye nasosy iz vysokokhromistoi stali. Moskva, Ugletekhizdat, 1946. 29 p.

SHAROV, IU. V. [Extracurricular work in engineering; a practical manual for teachers, Pioneer leaders,and workers directing the work of young engineers] Vneklassnaia rabota po tekhnike; metodicheskoe posobie dlia uchitelei, pionervozhatykh i vneshkol'nykh rabotnikov, vedushchikh rabotu s iunymi tekhnikami. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1955. 203 p.

SHCHERBAN', A. N., and others. [Cooling and drying of air in deep coal mines] Okhlazhdenie i osushenie vozdukha v glubokikh ugol'nykh shakhtakh. Pod obshchei red. A. N. Shcherbania i O. A. Kremneva. Kiev, Izd-vo Akademii nauk USSR, 1956. 271 p.

SHISHKIN, K. A., and others. [Soviet diesel locomotives] Sovetskie teplovozy. Izd. 3-e, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 387 p.

SHOSTAK, A. G., B. I. AL'BRUT, and E. M. SUKOCHEVA. [Progressive methods of work in the Krivoy Rog Basin mines] Peredovye metody truda na rudnikakh Krivorozhskogo basseina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 88 p. (Peredovye metody truda)

SIDEL'NIKOV, M. S., N. D. CHERNYSHEV, and A. G. GAIVORONSKII, eds. [Labor productivity of the Stalingrad Tractor Plant; practices of a group of tractor builders] Proizvoditel'nost' truda na Stalingradskom traktornom zavode; iz opyta raboty kollektiva traktorostroitelei. [Stalingrad] Stalingradskoe kn-vo, 1955. 190 p.

SKRAGAN, V. A., ed. [Rigidity, precision and vibration in machining] Zhestkost', tochnost' i vibratsii pri mekhanicheskoi obrabotke. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 192 p.

SOVESHCHANIE PO AVTOMATIZATSII PROIZVODSTVENNYKH PROTSESSOV V SEL'SKOM KHOZIAISTVE, 1954. [Automatization of work in agriculture; papers delivered at the conference November 25 - December 2, 1954] Avtomatizatsiia proizvodstvennykh protsessov v sel'skom khoziaistve; materialy soveshchaniia, 25 noiabria--2 dekabria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 452 p.

SPIRIDONOV, P. V. [Maintenance of tractors and farm machinery by tractor brigades] Tekhnicheskii ukhod za traktorami i sel'skokhoziaistvennymi mashinami v traktornoi brigade. Tashkent, Gos. izd-vo Uzbek SSR, 1954. 98 p.

(DA)

STRELKOV, M.N. [Assembling equipment on a stock farm] Montazh oborudovaniia na zhivotnovodcheskikh fermakh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 139 p.

SUKHOVAROV, N. A. [Manual for passenger car conductors and train officials] Spravochnik provodnikam passazhirskikh vagonov i nachal'nikam poezdov. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 266 p.

SURZHANENKO, A. E. [Painting and alfresco work] Maliarnye i al'freinye raboty. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 351 p.

TARASOV, S.V. [Design and operation of flax-spinning machines] Ustroistvo i obsluzhivanie priadil'nykh mashin l'nianoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 220 p.

TAVADZE, F.N., and S.N.MANDZHGALADZE. [Corrosion and the protection of metals in mineral waters of Georgia] Korroziia i zashchita metallov v mineral'nykh vodakh Gruzii. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR.

Pt. 1. 1956. 198 p.

TELESHEV, B.A. [Electric engineering] Elektrotekhnika. Moskva, Gos. energ. izd-vo, 1956. 496 p.

TEMKIN, B. S. [Mass production of nitrocra] Pr[illegible] stvo zerkal shirokogo potrebleniia. Moskva, [illegible] vo mestnoi promyshlennosti RSFSR, 1956. 11

TERPIGOREVA, V.D., and M.A.ZAVARITSKAIA, [illegible] cut coal mining. Manual for translators; Englis[illegible] mining literature into Russian] Open-cut coal[illegible] Dobycha uglia otkrytym sposobom; uchebno-[illegible] po perevodu s angliiskogo na russkii iazyk tek[illegible] tekhnicheskoi literatury. Moskva, Ugletekhizd[illegible] Vol. 4. 1956. 197 pp.

TISHIN, S.D. [Formulas for basic machine work] [illegible] with metal cutting machines] Formuly osnovn[illegible] notogicheskogo (mashinnogo) vremeni raboty n[illegible] tokarezhnushchikh stankakh; spravochnik. Moskv[illegible] nauchno-tekhn. izd-vo sanshinostroit. lit-ry, 1[illegible] 109 p.

TITOV, N.G. [Coal and its uses] Ugol' i ego [illegible] nie. Moskva, Gos. izd-vo kul'turno-prosvetit. l[illegible] 1956. 46 p. (V pomoshch' lektoru)

TRUMBACHEV, V. F. [Distribution of stress thro[illegible] out mine workings] Raspredelenie napriazhenii [illegible] vokrug gornykh vyrabotok. Moskva, Ugletekhizd[illegible] 1956. 124 p.

TSEITLIN, R.D. [Leading fitters and soldierers] Pe[illegible] vye montery-spaishchiki. Moskva, Gos. izd-vo l[illegible] po voprosam sviazi i radio. 18 p. (Opyt peredovy[illegible] sviazistov)

UKRAINE. Gosudarstvennyi komitet po delam stroi[illegible] stva i arkhitektury. [Instructions for the protecti[illegible] wood in apartment houses and public buildings fr[illegible] the ravages of wood fungi and insects] Instruktsii[illegible] zashchite drevesiny v zhilykh i grazhdanskikh zd[illegible] iakh ot razrusheniia domovymi gribami i zhuk[illegible] Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekture [illegible] USSR, 1956. 39 p.

UKRAINE. Upravlinnia v spravakh sil's'koho i kolh[illegible] nohu budivnytstva. [Dwellings of two rooms and i[illegible] kitchen-dining room. Model no. 075] Zhytli [illegible] na dvi kimnaty z kukhneiu-idal'neiu. Proekt No. 0[illegible] Kyiv, Vydavnychyi viddil, 1953. 18 plates.

UKRAINSKOE RESPUBLIKANSKOE NAUCHNO TEKHNICHESKOE OBSHCHESTVO NEFTIANOI PROMYSHLENNOSTI. [Innovations in the operation and planning of city gas works] Novoe v ekspluatatsii i proektirovanii gazovogo khoziaistva gorodov. Kiev, Gos. izd-vo lit-ry USSR, 1956. 108 p.

UNANOV, D.T. [High-speed metal cutting with large feed] Opyt skorostnogo rezaniia metallov pri bol'shikh podachakh. Baku, Azneftoizdat, 1955. 44 p. (Biblioteka novatora-neftianika)

[MICROFILM]

[URAL FORGE OPERATORS IN THE STRUGGLE FOR TECHNICAL PROGRESS; a collection of articles] Ural'skie kuznetsy v bor'be za tekhnicheskii progress sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 197 p.

VADETSKII, IU.V., and I.F.SHALIMOV. [Drilling oil and gas wells] Burenie neftianykh i gazovykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 418 p.

VAVILOV, N. D. [Our experience in hardening steel] Nash opyt zakalki stali [Moskva] Izd-vo VTaSIZ Profizdat, 1956. 62 p. (Nasaknzy novatorov)

VEINIK, A. I. [Heat conductivity testing of paints for molds] Ispytanie kokil'nykh krasok na teploprovodnost Moskva, Mashgiz, 1956. 231 p.

(NNC)

VENIKOV, V.A., and A.V.IVANOV-SMOLENSKII. [Use of models in designing electric systems] Fizicheskoe modelirovanie elektricheskikh sistem. Moskva, Gos. energ. izd-vo, 1956. 358 p.

VLADIMIRSKII, T.A., and A.S.FAL'KEVICH. [Equipment and experience in welding under gas pressure] Oborudovanie i opyt primeneniia gazopressovoi svarki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 114 p.

[MICROFILM]

VLADZIEVSKII, A. P. [Problems in the operation and planning of automatic lines of machines] Nekotorye voprosy ekspluatatsii i proektirovaniia avtomaticheskikh stanochnykh linii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1963. 162 p.

VORONETS, V.S. [Crane operator's manual] Pamiatka kranovshchika. Izd. 2-e. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 90 p.

VORONTSOV, F.F. [Selecting the proper gauge of wire and cable for electric wiring] Vybor secheniia provodov i kabelei dlia elektroprovodok. Izd. 3-e, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 110 p.

VRUBLEVSKII, A.V., and others. [Electric engineering; a manual for privates and noncommissioned officers] Elektrotekhnika; uchebnik dlia soldat i serzhantov. Izd. 2-oe, ispr. i dop. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 341 p.

VSESOIUZNOE SOVESHCHANIE PO KOMPLEKSNOI KHIMICHESKOI PERERABOTKE NEFTIANYKH GAZOV. [Chemical processing of petroleum hydrocarbons; proceedings of a conference] Khimicheskaia pererabotka neftianykh uglevodorodov; trudy soveshchaniia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 654 p.

VULIKHMAN, A.A., and A.L.MIRKIND. [Recovery of tartrates from winery wastes] Poluchenie vinnokislykh soedinenii iz otkhodov vinodeliia. Moskva, Pishchepromizdat, 1956. 275 p.

ZAICHENKO, P.A. [Methods of teaching and the introduction of general technology into the school] Metody obucheniia i politekhnizatsiia shkoly. [Novosibirsk] Novosibirskoe kn-vo, 1955. 107 p.

ZHEMCHUZHNIKOV, IU., and G.GOR. [Coal] Kamennyi ugol'. Moskva, Gos. izd-vo detskoi lit-ry, 1949. 60 p. (V pomoshch' shkol'niku)

ZHUKOV, D.V. [Quick firing of bricks] Skorostnye rezhimy sushki kirpicha-syrtsa. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 27 p.

ZVONTSOV, A.A. [Alluvium of the Mingechaur Dam] Namyv Mingerchaurskoi plotiny. Moskva, Gos. energ. izd-vo, 1956. 70 p. (Iz opyta stroitel'stva elektrostantsii)

ZVORYKIN, A.A., D.M. LARZENER, and M.B.KUNDIN. [Production organization and planning in the Soviet coal industry] Organizatsiia i planirovanie proizvodstva v ugol'noi promyshlennosti SSSR. Izd. 2-oe, perer. i dop. Moskva, Ugletekhizdat, 1956. 453 p.

## 17. MILITARY & NAVAL SCIENCES

ALESHIN, N.I., and F.S. DAVIDOVICH. [Technology of electric assembly work in ship units] Tekhnologiia elektromontazhnykh rabot v blokakh sudna. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 78 p.

ARKHIPOV, M.P. [Working principle of atomic weapons and protection against the atomic bomb] Osnovy ustroistva atomnogo oruzhiia i protivoatomnaia zashchita. Pod red. G.I.Pokrovskogo. Moskva, Izd-vo DOSAAF, 1956. 84 p.

BATUSOV, S.V., and others. [Electrification of beacons for inland navigation] Elektrifikatsiia znakov rechnoi sudokhodnoi obstanovki. Moskva, Izd-vo Ministerstva rechnogo flota SSSR, 1951. 110 p.
[MICROFILM]

CHEBURAKHIN, A.E., G.R.GRUDSKII, and S.L.TATARENKO. [Work practice of the dredge "Budennyi" of the Azov Administration of Seaways] Opyt raboty ekipazha zemsnariada "Budennyi" Azovskogo upravleniia morskikh putei. Moskva, Izd-vo "Morskoi transport," 1956. 51 p. (Biblioteka obmena opytom na morskom transporte)

GATLAND, K.W. [Development of the guided missile. Translated from the English] Razvitie upravliaemykh snariadov. Perevod s angliiskogo V.N.Duboshina i dr. Pod red. A.P.Grishina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 369 p.

GVOZDEV, M.M., and V.A.IAKOVKIN. [Atomic weapons and atomic defense] Atomnoe oruzhie i protivoatomnaia zashchita. Moskva, Izd-vo DOSAAF, 1956. 172 p.
[MICROFILM]

KRYLOV, A.N. [Recollections and sketches] Vospominaniia i ocherki. Moskva, Izd-vo Akademii nauk SSSR, 1956. 683 p.

LENINGRAD. ARTILLERIISKII ISTORICHESKII MUZEI. [Historical Artillery Museum; a concise guidebook] Artilleriiskii istoricheskii muzei; kratkii putevoditel'. Pod obshchei red. I.P. Ermoshina. Leningrad, 1955. 171 p.

NIKIFOROV, N., and E.SMIRNOV. [Be bold and brave] Bud' smelym i otvazhnym. Moskva, Gos. izd-vo detskoi lit-ry Ministerstva prosveshcheniia RSFSR, 1956. 118 p.

PITERSKII, N.A. [Know your navy; manual for members of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy] Znai flot; pamiatnaia knizhka chlena DOSAAF. Moskva, Izd-vo DOSAAF, 1956. 229 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie morskogo registra. [Regulations governing the classification and construction of steel oceangoing vessels] Pravila klassifikatsii i postroiki morskikh stal'nykh sudov. Leningrad, Izd-vo "Morskoi transport," 1956. 509 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo oborony. [Soviet army artillery instructions; firing rules for field artillery batteries] Nastavlenie artillerii Sovetskoi armii; pravila strel'by batarei nazemnoi artillerii. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1955. 254 p.
[MICROFILM]

SINITSYN, V.P., and others. [Local air defense; a textbook for secondary schools and pedagogical schools] Mestnaia protivovozdushnaia oborona; uchebnoe posobie dlia srednikh shkol i pedagogicheskikh uchilishch. Pod red. V.P. Sinitsyna. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 150 p.
[MICROFILM]

ZEVIN, A., M.KONOPLEV, and S.IURCHUK. [Training the sharpshooter to meet the standards of the "Ready for Labor and Defense" organization] Podgotovka strelka po normativam GTO. Moskva, Izd-vo DOSAAF, 1956. 170 p.

ZILIST, P.S. [Advanced technological methods in shipbuilding and ship repairing] Peredovye tekhnologicheskie metody v sudostroenii i sudoremonte. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 118 p.

## 1. GENERAL

### a) SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Social Sciences]. Erivan, no10, Oct. 1956. [In Armenian.]

Table of contents translated:

Khurshudian, L. - V.I.Lenin and the Baku commune. p. 3.
Arzumanian, M. - Arsen Amirian, an outstanding social and political journalist. p. 19.
Grigorian, M. - Some conclusions on the harmony of street architecture [in Russian]. p. 31.
Araharuni, A. - Armenian folk performances and rites during Shrovetide. p. 43.
Gasparian, Gaspar. - On the authorship of the lampoon "Something about Aivazovskii." p. 61.
Arutiunian, V. - Art of city building in ancient Armenia [in Russian]. p. 75.
Ter-Mkrtchian, L. - Status of the Armenian people under the yoke of Nadir Shah [in Russian]. p. 91.
Adamian, A. - School records of Avetik Isaakian. p. 99.
Makarian, E. - Materials for a history of Armenian forensic medicine. p. 101.
Akopian, Gr. - On the name "Nor-Bayazit." p. 109.
Grigorian, Gr. - A valuable study on Armenian culture. p. 111.
Papazian, A. - The first volume of Armanian manuscripts of the 15th century. p. 115.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal]. Alma-Ata, Vol. 12, no. 8(137), Aug. 1956.

Table of contents translated:

Shnaidman, M.I. - Problems in the further technical development of "Karagandaugol" "mines in the sixth five-year plan. p. 3.
Ivankin, P.F., Liogen'kii, S.IA. - Electrical prospecting in the Rudnyy Altai. p. 15.
Sergienko, S.R. - New problems in the chemistry and chemical processing of petroleum. p. 25.
Madenov, D.K. - Secondary salting of soil and the restoration of fertility in the upper-delta Ural Valley. p. 44.
TSunvazo, IU. - Two-syllable nouns in the modern Dungan language. p. 53.
Zapiatnyi, A.IA. - Setting new conditions for Altai Mountain polymetallic ores. p. 67.
Salin, A.A. - Cathode process and methods for the more intensive electrolysis of zinc. p. 73.
Tazhibaeva, P.T. - Material composition of the ferrous horizon in Dzhezkazgan District Tertiary formations. p. 83.
Lavrent'ev, P.F. - Approximate evaluation of the variability in the yearly river discharge from the northern slope of the Dzungarian Ala-Tau. p. 87.
Tleubergenova, G. - Studying the fading of latent α-particle images. p. 93.
Kolesnikova, N.K. - Effect of Ayak-Kalkan mineral water on the secretion of bile. p. 95.
Gumarova, M. - Finding of early publications and manuscripts on Kazakh folklore [in Kazakh]. p. 99.

Vol. 12, no. 10(139), Oct. 1956.

Table of contents translated:

Shoinbaev, T. - Historical significance of the union of Kazakhstan with Russia. p. 3.
Galuzo, I.G. - Co-ordination of scientific research work on the problem "Endemic nature of diseases." p. 16.
Madenov, D.K. - Fertilizing value of thermophosphate. p. 21.
Baidaliev, S., Krenov, A. - Legal regulation of irrigation systems. p. 37.
Pal'gov, N.N. - Features of the geography and regimen of glaciers of the Trans-Ili Ala-Tau. p. 48.
Lysenko, I.Z. - Methods for the extraction of close, gently sloping ore seams. p. 59.
Dombrovskii, B.A. - System of peripheral nerves and the innervation of organs. p. 69.
Klassen, V.I. - Apropos of V.D.Ponomarev's article "Energy of attachment of a mineral particle to an air bubble." p. 87.
Lazarev, N.N., Takibaev, Zh.S. - Relative quantity of α-articles and protons in stars formed in heavy and light elements. p. 90.
Posokhov, E.V. - Origin of ions in underground water of Central Kazakhstan igneous rocks. p. 98.
Bublichenko, N.L. - Upper time-limit of polymetallic mineralization in the Rudnyy Altai. p. 101.
Suvorov, N.I. - Theoretical foundations of "The flora of Kazakhstan." p. 104.
Co-ordinating conference of linguists. p. 108.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 26, no. 11, Nov. 1956.

Table of contents translated:

General meeting of the Academy of Sciences of the U.S.S.R. of October 13, 1956; election of the President of the Academy of Sciences of the U.S.S.R. p. 3.
Scientific problems in the automation of industry; at the session of the Academy of Sciences of the U.S.S.R. p. 10.
Keldysh, M.V., Liapunov, A.A., Shura-Bura, M.R. - Mathematical problems in the theory of calculating machines. p. 16.
Meisel', M.N., Cherniaev, N.D. - Scientific and practical problems in radiant sterilization and pasteurization. p. 38.
Mustel', E.R. - Study of solar physics; from the program of International Geophysical Year. p. 46.
Fomina, V.A. - Scientific legacy of G.V.Plekhanov; on the centenary of his birth. p. 50.
Chernigovskii, V.N. - Results of the 20th International Congress of Physiologists. p. 62.
Kostenko, M.P., Leiman, L.R. - Electric engineering and higher technical education in Sweden. p. 66.
Il'in, V.A. - At the Congress on Cybernetics. p. 72.
Vekua, I.N. - Congress of Rumanian mathematicians. p. 76.
Knorozov, IU.V. - At the International Congress of specialists on American languages and literatures. p. 78.
Shunkov, V.I. - In the libraries of Cairo and Alexandria. p. 83.
Riabushkin, T.V. - At the conference of European statisticians. p. 86.
Brief reports:
Second International Conference on the protection of plants. p. 90.
International Scientific Conference on Germanic languages and literatures. p. 91.
Radovskii, M.I. - History of Russo-American scientific relationships; 18th-19th century documents from the Archives of the Academy of Sciences of the U.S.S.R. p. 93.
V.A.Gordlevskii; obituary. p. 102.
Measures for improvement in training and attestation of scientific personnel. p. 103.
Tasks and structure of the Institute of Oriental Studies. p. 104.
Preparing a draft of the Academy statutes. p. 105.
Institute of the Biology of Reservoirs. p. 105.
Establishment of a National Committe of the U.S.S.R. on theoretical and applied mechanics. p. 106.
Naming the new telescope in the Crimean observatory after G.A.Shain. p. 106.
Appointments and transfers. p. 106.
Chuenkov, V.A. - Physics of solid and liquid dielectrics; the all-Union conference in Dnepropetrovsk. p. 107.
Nemiro, A.A. - Observation of bright stars; the astrometrical conference in Pulkovo. p. 108.
Nazarchik, A.F. - In the quest of effective methods for exploiting mineral deposits; the all-Union scientific-technological conference. p. 110.
The one hundredth and fiftieth anniversary of Charles Augustin Coulomb's death. p. 113.
The centenary of I.Franko's birth. p. 114.
Defense of dissertations in the Department of Chemical Sciences. p. 116.
Defense of dissertations in the Department of History. p. 119.
Defense of dissertations in the Department of Literature and Language. p. 121.
Ginsberg, L.I. - A valuable study on modern history. p. 124.
Pozdneeva, L.D. - Chinese tales of the 7th-10th centuries. p. 126.
New books; brief annotation of publications of the Academy of Sciences of the U.S.S.R. p. 130.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Transactions]. Stalinabad, vol. 21, 1954. Zoologiia i parazitologiia [Zoology and parasitology].

Table of contents translated:

Celebration in honor of Academician E.N.Pavlovskii. p. 5.
Address of the Presidium of the Academy of Sciences of the Tajik S.S.R. p. 10.
Aliev, G.A. - Seventieth birthday and forty-fifth anniversary of the scientific and pedagogical activities of Academician Evgenii Nikanorovich Pavlovskii. p. 13.
Lototskii, B.V. - Basic trends in the scientific research work of Academician Evgenii Nikanorovich Pavlovskii. p. 23.
Burova, N.G., Smirnov, G.G. - Helminthic parasites on the domestic animals of Tajikistan. p. 31.
Rostovshchikov, S.A. - Molluks serving as intermediary hosts to the liver fluke and lancedate trematode in Tajikistan. p. 49.
Rostovshchikov, S.A. - Sensitivity of leeches to various external influences. p. 59.
Sosnina, E.F. - The tick Ixodes trianguliceps Birula in Tajikistan. p. 68.
Sychevskaia, V.I. - Sketches on the biology of Central Asiatic spiders. p. 69.
Narzikulov, M.N. - Aphid species from the Ulugar Range, new to Central Asia. p. 75.
Luppova, E.P. - Dynamics of the number and the gonotrophic cycle of Anopheles superpictus Grassi, chief carrier of malaria in Stalinabad. p. 83.
Ozhogova, V.E. - Benthos of the Farkhad Reservoir. p. 99.
Portseva-Ostroumova, T.A. - Nutrition and speed of growth of Schizothorax intermedius McCl. p. 111.
Maksunov, V.A. - Carp of some waters of Tajikistan. p. 123.
Akhmedov, K.R. - Ecology and economic significance of the mocking bird Hippolais Caligata rama Sykes in the forest plantations of southern Tajikistan. p. 131.
Popov, A.V. - Molting of birds under mountain conditions. p. 136.
Popov, A.V. - Observation of changes in certain instinctive reactions in birds under natural conditions. p. 139.
Davydov, G.S. - Materials on the ecology of pasture rodents of southwestern Tajikistan. p. 145.
Chernyshev, V.I. - Ecology and parasites of jackals in Tajikistan. p. 151.

Vol. 23, 1954.

Title translated:

Zapriagneva, V.I. - A study of the trees and shrubs of the Peter the First Range. 79 p.

Title transliterated: Zapriagaeva, V.I. - Ocherk drevesnoi i kustarnikovoi rastitel'nosti khrebta Petra Pervogo. 79 p.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin]. Ashkhabad, no. 3, 1956.

Table of contents translated:

Pugachenkova, G.A. - Basic features of the medieval architectural legacy of southern Turkmenistan (8th-15th centuries). p. 5.
Kondakov, V.F. - Material interest is an important

factor in the development of dairy cattle breeding. p. 15.
Kulieva, Kh.M. - Microfauna in the Apsheron stage of the Cheleken Peninsula. p. 24.
Leshchinskii, G.T. - Soil moisture cycle in southern Turkmenistan. p. 34.
Markarian, M.K., Shtannikov, E.V. - New methods for the distillation of salt water. p. 44.
Dubrovskii, V.P. - Conditions for forest cultivation on Molla-Kara and Dzhebel sands (western Turkmenistan). p. 51.
Shapkin, IU.D. - Disposition of grape growing in Turkmenistan. p. 57.
Kogan, Sh.I. - Lake plants in the Zapadnyy Uzboy Valley. p. 62.
Bekirov, I.B. - Problems in the growth, development, and early maturity of Karakul sheep. p. 66.
Nilazov, A.N., Vakhabova, Kh. - Aromatic hydrocarbons of the naphtalene series in Kum-Dag oil. p. 73.
Ibragimov, B.Kh. - Treating some diseases of the external and middle ear by a novacaine block. p. 80.
Meshcherinkov, A.A. - Natural girdling of stems of 108-f cotton on alkali soils. p. 86.
Karlagdyev, N.N., Mishchenko, A.S. - Cases of second flowering of trees and shrubs in Turkmenistan. p. 87.
Chopanov, P. - New cereal grasses from Kopet Dagh. p. 88.

No 4, 1956.
Table of contents transalted:
Pal'yanova, B. - Participation of women of Soviet Turkmenistan in industry and agriculture. p. 3.
Zotov, V. - Union of workers and peasants is the decisive force in the revolutionary transformation of society. p. 15.
Kondakov, V.F., Lavrinenko, V.T. - Methods of recording workdays for managerial personnel on collective farms. p. 28.
Petrovskii, G.D. - The nature of fusain formation and its causes. p. 36.
Grazhdan, P.E. - Studying trace elements in Kopet Dagh soils. p. 46.
IUrin, V.A., Miagkov, N.IA. - Using thermistors for taking ground surface temperature. p. 51.
Mirzoeva, E.L., Gol'dyev, K. - Meat and lard qualities of the first generation of Degores-Saradzha castrated rams. p. 55.
Glushchenko, V.I. - Quantitative variations in bone structure of Karakul sheep. p. 60.
Donchenko, V.V., Kapustian, M.S., Amanmuradov, A: Effect of cobalt feeding on the growth and development of chicks in the hot climate of Turkmenistan. p. 69.
Karlagdyev, N.N. - Phenomena of multicotyledonal seedlings of white mulberry (Morus alba L.). p. 74.
Stepanov, A.M. - Natural seeding of black saksaul by winged and wingless seeds. p. 75.
Nurova, V.P. - Description of species of flies in Ashkhabad. p. 79.
Bogdanov, O.P. - Places inhabited by geckos of the genus Gymnodactylus in different parts of the areal. p. 83.
Kuliev, Kh.I. - Air cycle in classrooms of Ashkhabad schools. p. 85.
Kenig, E.E. - Changes in the peripheral nervous system under the action of ethyl chloride. p. 88.
Streikov, A.A., Kozak, E.A. - "Literature on Zapadnyy Uzboy; 1714-1950;" a bibliographical index by E.A. Kniazhetskaia. p. 91.
Session of the Academy of Sciences of the Turkmen S.S.R. p. 93.
Astapovich, I.S. - Orbit of the Zeta Draconid meteoric shower. p. 95.
Redionov, V.I. - Orbit of the Gamma Leonid meteoric shower. p. 95.

No. 5, 1956.
Table of contents translated:
Annaev, R.G., Mamaev, S., Mikhailov, A.R. - Studying Nernst (Ettingshausen) and Hall effects in two-component copper-nickel alloys. p. 3.
Annaev, R.G., Allanazarov, A. - Studying the galvanoelastic effect in alloys of molybdenum permalloy and $Ni_3Mn$. p. 9.
Kolodin, M.V. - Special aspects of the intensity of winds in the Turkmen S.S.R. p. 12.
Tamrazian, G.P. - Features of the distribution of earthquakes in Turkmenistan and some problems in forecasting them. p. 17.
Nazarov, N.O. - Ak-Patlauk, a mud volcano. p. 26.
Bilanovskii, K.V. - Trees and shrubs for landscape gardening in the Karakum Canal zone. p. 33.
Krivontsov, IU.I. - Feeding silkworms in relation to their rhythm of activity. p. 39.
Masson, M.E. Treasure of early Christian golden plates and medallions from Geok-Depe. p. 46.
Basarova, R.A. - Aid given to field forces by Turkmen youth during the Great Patriotic War. p. 49.
Agaeva, A.R. - Some forms of propaganda work on collective farms in Soviet Turkmenistan during the Great Patriotic War of 1941-1945. p. 59.
Charyiarov, B. - Formation of the causative voice [in Turkmen with summary in Russian]. p. 67.

Kazimov, G.A. - Osmotic resistance of erythrocytes in malaria. p. 74.
Tiunov, K.V. - Carbonate-quartz hydrothermal veins of the Greater Balkhan. p. 78.
Stepanaitys, N.E. - Ostracoda in Miocene formations of Izat-Kuli (southwestern Turkmenistan). p. 79.
Sukhinin, A.N. - The long-eared owl in Badkhyz. p. 80.
Sokunova, S.A., Meledzhaeva, M.A., Tishkin, B.A. - Catching hyenas in the southeastern part of Kara Kum. p. 82.
Semashko, L.L. - Reproduction of Turkestan blue pigeons. p. 85.
Rustamov, A.K., Ishadov, N. - Mass destruction of some species of birds and Afghan field mice. p. 86.
Klimenko, N.N. - "Syntactic problems in translations from the Russian into Turkmen" by A. Annamurov. p. 89.
Bogachev, V.V. - More about fishes in the Akchagylian Sea. p. 90.
Vasilii Petrovich Nikitin; obituary. p. 91.
Shafranovskii, K.I. - "Survey of Russian travels and expeditions to Central Asia"; materials for a study of Central Asia, Pt. 1:1715-1856 by O.V. Maslova. p. 93.
Redionov, V.I. - Daily displacement of the radiants of small showers. p. 96.
Perelygin, V.P. - Physical nature of ultrarapid meteors. p. 97.
Gul'medov, Kh.D. - Studying a unilateral photo of the meteor of August 12, 1953. p. 95.
Ivonin, M.A. - Length of meteors' flight as function of their brightness. p. 96.

AKADEMIIA NAUK URSR, Kiev. Visnyk [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Journal], Kiev, vol. 27, noll(240), Nov. 1956. [In Ukrainian.]
Table of contents translated:
Editorial; To new achievements under the banner of the Great October. p. 3.
Babii, B.M. - V.I. Lenin as the founder of the Ukrainian Soviet Socialist Republic. p. 8.
Tereshchenko, I.P. - The cultural revolution in the U.S.S.R. as an achievement of the Great October. p. 19.
Stasiv, M.IU. - Potential means for increasing labor productivity in petroleum well boring. p. 29.
Kyryliuk, IE.P. - Three weeks in Czechoslovakia. p. 36.
Kvasnytsk'kyi, O.V., Parshutin, H.V., Kuznetsov, M.P. - The Third International Congress on Breeding Livestock. p. 41.
In the Presidium of the Academy of Sciences of the Ukrainian S.S.R. p. 47.
Mel'nyk, P.M. - All-Union conference on problems in the utilization of alternating operative currents. p. 49.
Davydov, H.M. - Economy and culture of the U.S.S.R. in figures. p. 55.
Shmorhun, P.M. - New work on the history of the laboring class in the Ukraine. p. 63.
Myshko, D. - Study on the decay of large feudal estates in southern Volhynia during the 18th century. p. 67.
Chumulov, V.T., Vovk, A.A. - Historical study of the Cossacks of the Black Sea region. p. 71.
Kul's'ka, O.A. - Apropos B.H. Petrenko's article "Chronic urovesical hematuria in cattle," printed in "Nauchnye trudy" (vol. 20, 1953) of the Ukrainian Institute of Experimental Veterinary Medicine. p. 75.
Karpenko, H.V. - Our retort to slanderers. p. 77.
V.P. Filatov; obituary. p. 79.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Elmi əsərlər. Uchebnye zapiski [AZERBAIJAN STATE UNIVERSITY. Studies]. No. 2, 1955.
Table of contents translated:
Mustafaev, M.D. - Analyticity of solutions for a generalized parabolic system. p. 3.
Mamedaliev, IU.G., Akhmedov Sh.T. - Preparation of surfactants from alkylnaphthalenes. p. 15.
Guliev, A.M., Mamedov. A.S. - Study of cottonseed oil produced in Azerbaijan and of methods for refining it by using local clays. p. 19.
Akhmedli, M.K., Bashirov, E.A., Lozovskaia, I.S. - Determination of aluminum in alunite. p. 27.
Giul', K.K. - Morphology of the southwestern coast of the Caspian and tectonic movements of the present [in Azerbaijani with summary in Russian]. p. 33.
Keremov, N.K., Museibov M.A., Kerimov, Sh.B. - Karst caverns on the right bank of the Okhchi-chay River [in Azerbaijani with summary in Russian]. p. 39.
Aliev, R.K., Damirov, I.A. - Some medicinal plants of Azerbaijan as substitutes for officinal (pharmacopoeial) and foreign plants. p. 49.
Kasimova, G.S. - Effect of waste gumbrin on soil microflora. p. 59.
Akhundova-Tuaeva, L.M. - Gelis zaitzevi, sp. nova (Ichneumonidae, Cryptinae) in Azerbaijan (Lenkoran). p. 67.
Khalilova, S.G. - Mites of the genus Tetranychus, injurious to the trees and shrubs along the Samur-Divichi Canal and in Apsheron. p. 69.
Sumbat-Zade, A.S. - Devastating nature of Iranian invasions of Azerbaijan during the period of its annexation to Russia. p. 77.
Gadzhiev, D.Z. - Azeroglu's early period [in Azerbaijani with summary in Russian]. p. 87.
Seiidov, IU. - Address in the Azerbaijani language [with summary in Russian]. p. 97.
Book reviews and bibliography [in Azerbaijani]. p. 111

No. 3, 1955.
Table of contents translated:
Sultanov, R.M. - Direct sum expansion of an operator group. p. 3.
Guseinov, S.D., Zul'fugarly, D.I., Abdullaeva, M.I. - Extraction of iodine from Apsheron brines by means of air desorption. p. 17.
Akhmedli, M.K., Granovskaia, P.B., Zhirova, L.F. - Photometric detection of magnesium in alunite rocks. p. 27.
Abramov, M.I. - Distribution of phosphorus in the clays of the productive stratum of Kobystan. p. 35.
Sattar-zade, I.S. - Studying the optical activity of the decomposition products of colophony in the presence of active clays. p. 43.
Museibov, M.A. - Geomorphology of southeastern Kobystan. p. 47.
Sultanov, K.M., Mamedov, A.V. - Geological structure and history of the geological development of the Kura-Iora interfluve [in Azerbaijani with summary in Russian]. p. 51.
Loginov, A.A., Bratkova, R.S. - Effect of stimulation of the receptors of the rectum and bladder on the amylolytic activity of blood. p. 65.
Israfilbekov, L.A. - Alternariasis of hazelnuts. p. 71.
Akhmedov, F.N. - Local governmental organs in the Azerbaijan S.S.R. p. 79.
Aliev, A.K. - Passive form of the verb in the Azerbaijani language. p. 91.
Book reviews and bibliography [in Azerbaijani]. p. 95.

No. 4, 1955.
Table of contents translated:
Gadzhieva, M.G. - One approximate solution of the one-dimensional Stefan problem. p. 3.
Mamedaliev, IU.G., Veliev, Sh.V. - Alkylation of chlorobenzene by ethylene in the presence of sulfuric acid and aluminosilicates. p. 7.
Zul'fugarly, D.I., and others. - Extraction of iodine from Apsheron brines by means of air desorption. p. 11.
Giul', K.K. - Theory and practice of determining the maximal wave. p. 21.
Museibov, M.A. - Geomorphology of the southeastern part of the Kura-Iora interfluve [in Azerbaijani with summary in Russian]. p. 37.
Kerimov, Sh.B. - Landslides in the Vel'vil'-chay Valley [in Azerbaijani with summary in Russian]. p. 51.
Abutalybov, M.G., Buniatov, I. - Effect of trace elements on the activity of catalase in plants. p. 61.
Sumbat-Zade, A.S. - History of the copper-smelting industry in Azerbaijan during the second half of the 19th century. p. 69.
Manaev, K.I. - Grounds for the responsibility of parents for harm caused by their children. p. 83.
Alekberli, G.G. - Idealistic basis of the interpretation of phoneme in the teachings of L.V. Shcherba and his followers. p. 91.
Novikova, P. - Grammatical analysis and methods for conducting it at nonlinguistic institutions of higher education. p. 99.
Book reviews and bibliography [in Azerbaijani]. p. 109.

No. 5, 1955.
Table of contents translated:
Guseinov, G.P. - Using an approximate method for solving problems in the theory of filtration. p. 3.
Sattar-zade, I.S. - Studying the effect of activated clays on the optical activity of colophony. p. 9.
Giul', K.K., Zhirnov, V.M. - Some characteristic features of contemporary oceanographic research. p. 21.
Museibov, M.A., Kerimov, Sh.B. - Clayey karst of the Tugchay River Basin. p. 31.
Askerov, A.G. - Genesis of the Istisu mineral springs. p. 35.
Akhundov, M.A. - Producing a dual-purpose chicken breed in Azerbaijan [in Azerbaijani with summary in Russian]. p. 41.
Dzotsoti, S.Kh. - Qualitative method for the detection of sulfanilamide. p. 51.
Guseinov, I. - History of the revolutionary struggle of the peasants of Azerbaijan against the bek and khan counterrevolution in 1919-1920. p. 55.
Kasim-zade, Fuad. - Classic figures of Marxism and Leninism on the struggle of the Indian people for their national independence. p. 71.
Zakhrabov, F.D. - Origin of the collective farm workday. p. 89.
Gadzhiev, I. - Compound words in modern Azerbaijani [in Azerbaijani with summary in Russian]. p. 105.

No. 7, 1955.
Table of contents translated:
Guseinov, G.P. - Reservoirs with a gas cap. p. 3.

B 1a

Dzhuvarly, Ch.M., Klinova, N.V. - Study of the behavior of petroleum emulsions in electric fields. p. 9.

Aklimedli, M.K., Bashirov, E.A. - Photometric determination of aluminum and iron in alunite rocks. p. 25.

Gorin, V.A. - Mechanism of the formation of brachyanticlinal folds in the Apsheron-Kobystan region. p. 31.

Sultanov, R.G. - Denudation surfaces on the southern slope of the Greater Caucasus. p. 37.

Keremov, N.K. - Landslides of Khizinskiy District [in Azerbaijani with summary in Russian]. p. 45.

Askerov, M.K. - Raising Moina rectirostris Leydig as live feed for sturgeons. p. 59.

Gasanov, S.A. - Morphology of the lumbosacral plexus of frogs. p. 65.

Aliev, R.K., and others. - Characteristics of the chemical composition of treacle mustard Erysimum pasgalense Boiss. occurring in Azerbaijan and the effect of its preparations on the cardiovascular system. p. 73.

Khalilova, S.G. - Mites of the genus Tetranychus, injurious to forest shelterbelt trees and shrubs of the Samur-Divichi Canal regions. p. 83.

Khalafov, M. - First measures of Soviet power in the field of housing legislation in Azerbaijan. p. 91.

Kasumov, A. - Origin of commodity production [in Azerbaijani with summary in Russian]. p. 103.

Shakhmaliev, E. - Diplomatic relations between Spain and the Safavid state during the second half of the 16th century. p. 117.

No. 1, 1956.

Table of contents translated:

Mamedaliev, IU.G., Gasanov, D.G. - Alkylation of polynuclear aromatic hydrocarbons with unsaturated hydrocarbons [in Azerbaijani with summary in Russian]. p. 3.

Abdullaev, G.K. - Reactions of chloromethyl ethers of alcohols with magnesium haloalcoholates. p. 23.

Panakhzade, A.Kh. - Vapor-thermal desorption of iodine from iodocarbon. p. 31.

Giul', K.K., Zhilo, P.V. - Kara-Bogaz-Gol. p. 41.

Israfilov, G.IU. - Ground water cycle in the Kura-Araks Lowland. p. 55.

Karaev, A.I., Miralaeva, S. - Effect of the excitation of chemoreceptors of the small intestine on blood sugar content. p. 61.

Tagi-zade, A.Kh. - Effect of trace elements on the growth and development of cotton [in Azerbaijani with summary in Russian]. p. 67.

Akhundova-Tuaeva, L.M. - Lepidoptera, injurious to shelterbelt trees and shrubs in the Samur-Divichi Canal regions and measures for their control. p. 75.

Ibragimov, G.R., Akhmedzade, Z.A. - Study of the diseases of some fruit varieties in the Nukha-Zakataly zone of Azerbaijan. p. 81.

Shakhmaliev, E.M. - Information supplied by Italians on economic conditions in Azerbaijan during the first quarter of the 16th century. p. 89.

Efendiev, Dzh. F. - Social economic "doctrines" of laborism. p. 95.

Rustamova, T. - Participles as adverbs in modern Persian [in Azerbaijani with summary in Russian]. p. 109.

Sultanov, R.S. - Characteristic features of linguistic units [in Azerbaijani with summary in Russian]. p. 119.

List of dissertations defended at the S.M.Kirov State University of Azerbaijan in 1955. p. 138.

...HITE RUSSIAN REVIEW].
...rforschung der UdSSR [Institute
S.R.], Munich, vol. 5, 1956.

...d;

7.

[-
-
s

Bellis, I.M. - Basic economic law of monopoly capitalism. p. 67.

Militsikaia, E.L. - Steep rise in the material welfare of the Soviet people during the postwar period. p. 39.

Bylkov, P.A. - Reconstruction and development of collective farms of Kharkov Province in the fourth five-year plan (1946-1950). p. 105.

Tereikhov, IU.I. - Consolidating small agricultural artels and the economic results thereby obtained; based on material from collective farms in Kharkov Province. p. 125.

Ornevskaia, G.A. - Ways to reduce the cost of work of machine-tractor stations; based on material from machine-tractor stations in Kharkov Province. p. 143.

KIEV. UNIVERSYTET. Naukovi zapysky [UNIVERSITY. Scientific Records]. vol. 9, no. 2, 1950. Trudy Fizychnoho fakul'tetu [Transactions of the Department of Physics], no. 5. [In Ukrainian and Russian.]

Table of contents translated:

Morgulis, N.D., Karkhanina, N.IA. - Some optical characteristics of antimony-cesium photocathodes. p. 5.

Liashchenko, V.I., Skubenko, A.F. - Measuring the Hall effect at liquid oxygen temperatures. p. 17.

Delgen, M.F. - Light absorption by polarons and by color centers. p. 21.

Herteriken, S.D., Dekhtiar, I.IA., Ildaievs'ka, TS.M. - Investigating small diffusion coefficients in Ag-Cd alloys in the 275-450° C temperature range. p. 41.

Herteriken, S.D., Butsik, M.H., Al'bert, M.D. - Investigating mercury diffusion coefficients in mercury-cadmium alloys in the 90 - 180° C temperature range. p. 49.

Zhmuds'kyi, O.Z. - Investigating the natural breadth of X-ray spectral lines. p. 53.

Zhmuds'kii, O.Z., Slobods'ka, Z.I. - Investigating the $K\alpha_1$, $K\alpha_1$-emission spectral lines of Zn in Zn-Ag alloys. p. 65.

Lesnik, A.G. - Fine structure of the X-ray absorption edge at longer wavelengths. p. 71.

Lesnik, A.G. - Directed valencies in molecules with ordinary covalent bonds. p. 79.

Pavlenko, A.M. - Emphasizing the role of Russian scientists in physics courses. p. 101.

Vol. 13, no. 7, 1955. Zbirnyk Fizychnoho fakul'tetu [Papers of the Department of Physics], no. 8. [In Ukrainian.]

Table of contents translated:

TSvelykh, M.H. - Scientific criticism expressed in the classics of Russian physics. p. 5.

Morhulis, N.D. - Contributions of Kiev State University to the development of physical electronics. p. 13.

Plaskovs'kyi, D.V. - Brief outline of the history of astronomy at Kiev University. p. 21.

Pekar, S.I. - Energy spectrum of condition electrons in crystals. p. 29.

Ivanyts'ka, O.S. - Possible points of departure for the second approximation of the "Law of interaction of space, time and motion of matter." p. 39.

Levashev, A.IE. - On the law of "self-interlindedness" of physical magnitudes. p. 55.

Shishlovs'kyi, O.A. - Optical concentration functions as a method for the structural analysis of electrolytic solutions. p. 63.

Shishlovs'kyi, O.A. - Investigation of the spectral-diffusion photoluminescence of cerium, praseodymium and neodymium salt solutions. p. 81.

Zhmuds'kyi, O.Z. - High-dispersion roentgenography and the structure of spectral lines. p. 93.

Shatalov, A.A. - Photochemical transformation of F-centers in heated potassium chloride crystals. p. 111.

Baum, F.A., Vsekhsviats'kyi, S.K., Stanlukovich, K.P. - Eruptive processes in violent volcanic outbreaks. p. 123.

Kondilenko, I.I., Lisitsia, M.P. - A new high-brightness hydrogen lamp. p. 131.

Holik, O.Z. - Inquiry in the theory of liquid state. p. 145.

KIEV. UNIVERSYTET. Studentis'ki naukovi pratsi [UNIVERSITY. Student Scientific Papers]. No. 20, 1956. Biologiia [Biology]. [In Ukrainian with summaries in Russian.]

Table of contents translated:

Kirsenko, O.V. - Exchangeability of proteins in animal tissues. p. 3.

Arefieva, T.O. - Factors of space in the conditioned reflex activity of fish. p. 13.

Danylenko, A.S. - Biology of the propagation of white bream in Konskiy Plavni. p. 21.

Tarnavs'kyi, M.P. - Biology of the Dnieper vimba and its fishery. p. 33.

Rotovs'ka, V.S., Cherevchenko, T.M. - Long distance transportation of sturgeon larvae by rail. p. 47.

Prymak (Lypa), T.O. - Materials on the study of monogenic tremalodes parasitic on the fishes of Southern Bug. p. 51

Movchenko, V.I. - A copepod species new to Kiev Province. p. 63.

Chykalenko, V.H. - Variation in the activity of peroxidase during the maturation of the grapevine in the Crimea. p. 67.

Sen'chuk, E.Z. - Methods of studying natural radioactivity in plants. p. 75.

Kurdium, IE.L. - Certain characteristics of the pollen of plants of the genus Nicotiana. p. 79.

Brantsevych, L.H. - Effect of Azotobacter on the growth of the sprouts of certain plants and on the individual enzymes of the sprouts. p. 89.

Muslienko, V.A. - Effect of drainage on the biological activity of peat soils. p. 105.

Buzhenko, IE.K. - Effect of potassium fertilizers on soil microflora. p. 113.

Apostolova, L.I. - Characteristics of the microflora in the rhizosphere of potatoes. p. 121.

Uman'ska, N.H. - Studying the phytoncidal action of marsh tea. p. 131.

Hamaleia, M.F. - Studying the action of certain organic substances on Epidermophyton Kaufmann-Wolf and Trichophyton gypseum. p. 141.

Borina, M.IA. - Effect of certain micro-organisms on the course of acetone-butyl fermentation. p. 149.

Voladchenko, V.S. - Brief survey of the trees of Soviet Park in Kiev. p. 157.

Mikhnovs'ka, N. - Effect of external environment on the development of iodophil clostridia from butyric-acid and other closely related bacteria. p. 163.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records], no. 185, 1950. Fakul'tet narodov Severa [Faculty of the Peoples of the North], no. 1. Istoriia i ekonomika Krainego Severa SSSR [History and economics of the Far North of the U.S.S.R.].

Table of contents translated:

From the editor. p. 3.

Bakhrushin, S.V. - Historical study of the peoples of the North. p. 7.

Okladnikov, A.P. - The contribution of Soviet archaeology to the study of the past of the peoples of the North. p. 22.

Gurina, N.N. - Basic stages in the oldest period of the history of Kola Peninsula according to archaeological data. p. 36.

Beregovaia, N.A. - Routes and traces of the human settling of Alaska. p. 57.

Popov, A.I. - The "Omoki." p. 64.

Vdovin, I.S. - History of the social organization of the Chukchi. p. 73.

Murzina, A.I. - Reform of Speranskii in western Siberia. p. 101.

Uvachan, V.N. - Soviet Evenkia. p. 117.

Krongauz, F.F. - Basic problems of the Soviet schools of the peoples of the North. p. 135.

Slavin, S.V. - Economic conditions of Siberia and the mastery of navigation over the Kara Sea to Siberia in the period of the development of capitalism in Russia. p. 141.

List of conference reports. p. 215.

No. 102, 1956. Seriia istoricheskikh nauk [Series in the Historical Sciences], no. 21. Iz istorii drevnego mira i srednikh vekov [History of the ancient world and Middle Ages].

Table of contents translated:

Kazanskii, B.V. - Social and historical conditions accompanying the rise of drama. p. 3.

Kolobova, K.M. - Minoan-Mycenaean Rhodes and the problem of the "transition" period in the Aegean. p. 21.

Frolov, E.D. - Economic views of Xenophon; analysis of his treatise "Homo management." p. 53.

Prushakevich, T.V. - Treaty between Amyntas, King of Macedonia, and the cities of the Chalcidic League. p. 81.

Sventsitskaia, I.S. - The temple unions of Hellenistic Caria. p. 94.

Shishova, I.A. - Dura-Europos, stronghold of the Parthian kingdom. p. 107.

Sergeenko, M.E. - Gardening in ancient Italy. p. 126.

Shtokmar, V.V. - The Puritan movement in England during the seventies and eighties of the 16th century. p. 138.

Rutenburg, V.I. - Sources of the Renaissance in relation to the work of Leonardo da Vinci. p. 160.

Gorfunkel', A.Kh. - From the history of the expropriation of the Italian peasantry; agrarian relations in Corinaldo in the second half of the 15th century. p. 191.

No. 202, 1956. Seriia iuridicheskikh nauk [Series in the Juridical Sciences], no. 6. Voprosy ugolovnogo prava i protsessa [Problems in criminal law and procedure].

Table of contents translated:

Shargorodskii, M.D. - Law and the court. p. 3.

Solodkin, I.I. - A.N. Radishchev's views on criminal law. p. 23.

Linss, N.V. - Definition attempt, and the basis for criminal preparation and punishment. p. 50.

Beliaev, N.A. - The system of economic crimes. p. 66.

L'vova, N.S. - The subject of crimes by officials in the practice of the Supreme Court of the U.S.S.R. p.89.
Filanovskii, I.G. - Criminal responsibility for malfeasance in office. p.105.
Heliaev, N.A., Zubrilov, A.N. - The struggle against crimes by collective farm officials. p.128.
Benjamin, M., Muller, T. - Criminal legislation in the German Democratic Republic in the effort to combat crimes against the state and theft of socialist property. p.150.
Grabovskaia, N.P., Solodkin, I.I., El'kind, P.S. - Cases of private indictment. p.165.
Lukashevich, V.Z. - Grounds for the indictment and guaranty of the rights of the accused in the preliminary investigation. p.168.
Muklin, I.I. - Procedural guarantees of the rights of the individual in the review of the sentence by the appellate court. p.217.
El'kind, P.S. - The right of the accused to defense. p.234.
TSvetkov, P.P. - Evidential importance of different kinds of expert opinion. p.257.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol. 11, no. 18, 1956. Seriia geologii i geografii [Series in Geology and Geography], no. 3.

Table of contents translated:
Bystrov, A.P. - Kolymaspis sibirica g.n., s.n., a new representative of lower Devonian Agnatha. p.5.
Miklukho-Maklai, A.D. - Stage scale of the middle Carboniferous. p.14.
Vardaniants, L.A. - Theory and application of the Fedorov method. p.20.
Rachitskii, V.I. - Extent and subdivision of the Tatarian stage in the Kuybyshev-Chkalov region of the trans-Volga. p.40.
Diufur, M.S. - Roundness of sand grains in Cretaceous deposits of Fergana. p.57.
Astakhova, T.V. - Historical survey of age determination of Kara-Tau strata on Mangyshlak. p.65.
Korzhenevskii, B.A. - New data on the geology of Kara-Tau on Mangyshlak. p.73.
Sochava, B.V. - Vegetation cover of the U.S.S.R. and adjacent countries shown on the map for higher educational institutions. p.79.
Agupov, A.V. - Application of the water balance method for computing the amount of subsurface flow and evaporation from lakes. p.91.
Kozlova, G.I. - Some preliminary conclusions on meadows of the Karelian Isthmus. p.105.
Zharova, T.V., Platonova, A.A. - Hydrochemical characteristics of some lakes of the Karelian Isthmus and the micro-organisms in them participating in the nitrogen-phosphorus cycle. p.120.
Shibanov, F.A. - V.V. Vitkovskii; on the centennial of his birth. p.130.
Kozhukhov, V.P. - Computing coordinates of a radio buoy drifting in the open sea. p.143.
Rukhina, E.V. - Twelfth scientific session of Leningrad University (geological sciences section). p.146.
Fitenko, R.A. - Twelfth scientific session of Leningrad University. p.149.

L'VOV. UNIVERSYTET. Pratsi katedr suspil'nykh nauk [UNIVERSITY. Transactions of the Department of Social Sciences]. No. 1, 1954 [In Ukrainian.]

Table of contents translated:
Halovka, P.I. - International significance of the historical experience of the Communist Party of the Soviet Union. p. 5.
Sidorchuk, N.F. - Yekaterinoslav Bolshevik organization during the crises of tsarism and the February revolution. p. 26.
Mykhaliyk, P.P. - Situation of working peasants of the western Ukraine during Pilsudski's fascist dictatorship; 1929-1933. p. 39.
Bessarabov, N.A. - Party organizations of the Ukraine were organizers of socialist competition and the extension of progressive practices in the field of agriculture during the prewar years of the third five-year plan. p. 52.
Hrabinets', A.S. - National liberation war of 1648-1654 and the reunion of the Ukraine with Russia. p. 69.
Petrov, V.S. - Socialist reconstruction of agriculture in the Bulgarian People's Republic. p. 96.
Malakunov, P.A. - V.I. Lenin's struggle against the reactionary economic views of liberal populists. p. 107.
Rakhno, M.I. - Struggle of the Communist Party of the Ukraine for the elimination of illiteracy and the development of popular education in the Ukraine; 1926-1932. p. 120.

MOSCOW. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records], No. 176, 1956. Geologiia [Geology].

Table of contents translated:
Cordcev, D.I., Sergoev, E.M. - Geology Department of Moscow University on the occasion of the 200th anniversary of the university (1755-1955). p.5.
Naidin, D.P. - Some problems in the zonal stratigraphy of upper Cretaceous deposits of the Russian Platform. p.17.
Slavin, V.I. - Mesozoic history of the Carpathian Mountains. p.25.
Bogdanov, A.A., Serova, M.IA. - Stratigraphic position of salt-bearing strata in the Miocene profile of the Carpathian piedmont region. p.37.
Konlukhov, I.A. - History of the development of Daghestan during the Mesozoic period. p.59.
Leonov, G.P., Loginova, G.A. - Main features of the geological development of Daghestan during the upper Jurassic and Valanginian periods. p.87.
Drushchits, V.V. - Systematics of the family Parahoplitidae. p.105.
Kuznetsov, F.A. - New data on the geology of the greenstone belt of the Urals and the pyrite mineralization related to it. p.115.
Lange, O.K. - Landslides. p.133.
Zolotarev, G.S. - Classification of rockslides on slopes for engineering geological purposes. p.135.
Silin-Bekchurin, A.I. - Formation of the chemical composition of underground waters in arid regions. p.175.
Kudelin, B.I. - Role of geostructural and hydrogeological analyses in studying the water balance of regions. p.195.
Sergeev, E.M. - Bound water in soils and its effect on their dispersion and microstructure. p.221.
Bokii, G.B. - Crystallochemical principles of the systematics of sulfides and arsenides. p.233.
Smirnov, V.I. - About K.I. Bohdanowicz' book on the geology of minerals. p.241.

No. 186, 1956. Trudy agrobiologicheskoi stantsii biologo-pochvennogo fakul'teta [Papers of the agrobiological station of the Department of Biology and Soil Science], vol. 2.

Table of contents translated:
Preface. p.4.
Avdonin, N.S., Kuzina, E.V. - Causes of winter crop failure in the non-Chernozem zone of the U.S.S.R. p.5.
Avdonin, N.S., Kolosova, N.A. - Effect of acid soil reaction, aluminum, manganese, iron, and phosphorus on the growth and yields of barley. p.19.
Gorlunova, F.A. - The optimal acidity of granulated superphosphate for rye, wheat, and beets. p.39.
Lebedeva, L.A. - Effect of the time of cover-crop harvest on the hardiness and yields of perennial grasses. p.47.
Levin, F.I. - Chemical properties of turf-Podzolic soils within the rows of winter rye, oats, and vetch-oats mixtures. p.59.
Arens, I.P. - Effect of systematical fertilizing on changes in the properties of turf-Podzolic soils and field crop yields. p.63.
Zuev, L.A., Kochetavkin, A.V. - Plant uptake of phosphorus introduced in the soil in the form of insoluble organophosphorus compounds. p.71.
Smaragdova, N.P. - Increasing the seed production of red clover and the returns of pollinating apiaries. p.75.
Smaragdova, N.P. - White-flowered form of Moldavian dragon's head reproduced in the Moscow area. p.85.
Smaragdova, N.P. - Selective ability of bees in plant pollination. p.87.
Merkur'eva, E.K., and others. - Experimental proof of the possibility of obtaining three-breed hybrid chickens in the first generation. p.103.
Merkur'eva, E.K. - Biological characteristics of three-breed hybrid chickens obtained by heterospermous fertilization. p.119.
Garina, K.P. - Comparing various methods of crossing winter rye. p.151.
Samsonova, I.A. - Vegetative hybridization as a method of overcoming noncrossability in the nightshade family. p.161.
Prokhnevich-Poskonina, G.V. - Results of studying certain conditions and methods of wheat and rye pollination. p.167.

PETROZAVODSK. UNIVERSITET. Trudy Karelo-finskogo gosudarstvenno universiteta [UNIVERSITY. Transactions of the Karelo-Finnish State University]. Vol. 3, 1949.

Title translated:
Lupanov, P.A. - Modern atomic theory as a basis for elaborating chemistry courses in secondary schools. 219 p.
Title transliterated: Lupanov, P.A. - Sovremennaia teoriia atoma kak osnova postroeniia kursa khimii v srednei shkole. 219 p.

TASHKENT. UNIVERSITET. Trudy Sredneaziatskogo gosudarstvennogo universiteta [UNIVERSITY. Transactions of the Central Asia State University]. No. 13, 1950. Biologicheskie nauki [Biological Sciences], no. 4. Ornitologiia [Ornithology].

Table of contents translated:
Meklenburtsev, R.N. - Materials on the ecology and agricultural importance of the representatives of the pigeon order (Columbae) in the Uzbek S.S.R. p.3.
Zheleznlakov, D.F. - Materials on the birds of the Chirchik-Angren watershed. p.25.

No. 40, 1953. Khimicheskie nauki [Chemical Sciences], no. 5.

Table of contents translated:
Udovenko, V.V., Vvedenskaia, L.A. - Conductometric titration of a mixture of anabasine and lupinine. p.3.
Udovenko, V.V., Babak, S.F. - Viscosity of certain binary systems with nicotine. p.9.
Airapetova, R.P., Turapov, M.K. - Physicochemical analysis of systems: anisole - monochloroacetic acid and anisole - trichloroacetic acid. p.17.
Toropov, A.P. - Correlation of viscosity and vapor-tension diagrams for binary liquid systems. p.23.
Akhmedov, K.S., Ganiev, B.Z. - Effect of the characteristics of liquids on the shearing strain of polyvinyl chloride gels. p.27.
Timokhina, N.I. - Application of the least squares method to the derivation of equations for crystallization volumes of five-component systems of water-soluble salts. p.33.
Timokhina, N.I. - Empirical equations for crystallization fields of binary salts. p.39.
Talipov, Sh.T., Abdullaev, D.A., Kirsanova, M.V. - Study of the solubility in the system: $MgF_2$ - AgF - $H_2O$ at 25° C. p.43.
Talipov, Sh.T., Fedorova, T.I. - Study of the solubility in the system: $CrF_3$ - KF - $H_2O$ at 25°. p.48.
Talipov, Sh.T., Fedorova, T.I. - Use of potassium fluoride in gravimetric determination of chromium. p.57.
Talipov, Sh.T., Abdullaev, D.A. - New method for the synthesis of silver fluoride. p.65.
Toropov, A.P. - Efficient thermoregulation. p.69.
Talipov, Sh.T., Teodorovich, I.L. - Cause of pH variation in the equivalence-point region during the titration of sodium fluoride with potassium salts. p.75.

No. 43, 1953. Khimicheskie nauki [Chemical Sciences], no. 6.

Title translated:
Vdovtsova, E.A. - Radical and ionic alkylation of aromatic compounds. 92 p.
Title transliterated: Vdovtsova, E.A. - Radikal'nyi i tonnyi mekhanizmy reaktsii alkilirovaniia aromaticheskikh soedinenii. 92 p.

No. 44, 1953. Biologicheskie nauki [Biological Sciences], no. 16.

Title translated:
Gushchin, P.O. - Biology of Alhagi. 22 p.
Title transliterated: Gushchin, P.O. - K biologii iantaka. 22 p.

No. 46, 1953. Fiziko-matematicheskie nauki [Physical and Mathematical Sciences], no. 9.

Title translated:
Sarymsakov, T.A. - Matrix method denumerable of investigating Markov chains having a quantity of possible states. 45 p.
Title transliterated: Sarymsakov, T.A. - Matrichnyi metod issledovaniia tsepei Markova so schetnym mnozhestvom vozmozhnykh sostoianii. 45 p.

No. 55, 1954. Khimicheskie nauki [Chemical Sciences], no. 7.

Table of contents translated:
Talipov, Sh.T., Obel'chenko, P.F. - Physicochemical analysis of systems: slightly soluble silver salt - electrolyte - water. p.3.
Khadeev, V.A. - Effect of dissolved oxygen from the air on results of amperometric titration of certain anions with lead nitrate. p.25.
Zhdanov, A.K., TSeitlin, R.I. - Amperometric titration of copper with anthranilic acid. Part 1. p.41.
Zhdanov, A.K., IAkubov, A.M. - Amperometric titration of zinc with anthranilic acid. Part 2. p.53.
Zhdanov, A.K., IAkubov, A.M. - Amperometric titration of nickel with anthranilic acid. Part 3. p.65.
Zhdanov, A.K., IAkubov, A.M. - Amperometric titration of cobalt with anthranilic acid. Part 4. p.71.
Talipov, Sh.T., Obel'chenko, P.F. - Solubility product of slightly soluble silver salts in electrolyte solutions. p.77.
Talipov, Sh.T., Obel'chenko, P.F. - Activity product of slightly soluble silver salts in electrolyte solutions. p.87.
Obel'chenko, P.F. - Constant a in the second approximation of the Debye-Hückel formula. p.97.
Obel'chenko, P.F. - Activity coefficients for slightly soluble silver salts in electrolyte solutions. p.103.
Obel'chenko, P.F. - Calculation of the solubility of slightly soluble salts. p.111.

B 1a - b

Abdullaev, D.A., Talipov, Sh.T., Babaev, N. - Study of solubility in the system: NaF- AgF - $H_2O$ at 25°C. p.125.

Maksimycheva, Z.T., Talipov, Sh.T. - Quantitative determination of fluorine in insoluble fluorides by means of distillation as boron fluoride. p.129.

Talipov, Sh.T., Fedorova, T.I. - Use of cationites in the analysis of phosphorites. p.135.

Talipov, Sh.T., Tashkhodzhaev, A.T. - Quantitative determination of magnesium in the form of $NaMgF_3$. p.141.

Talipov, Sh.T., Tashkhodzhaev, A.T. - Determination of magnesium in the presence of nickel, cobalt, zinc, copper, and manganese. p.145.

Talipov, Sh.T., Maksimycheva, Z.T., Vandysheva, B.K. - Volumetric-analytical determination of calcium fluoride. p.151.

No. 59, 1954. Biologicheskie nauki [Biological Sciences], no.16. Fiziologiia [Physiology].

Table of contents translated:

Izrael', A.I. - Studying conditioned reflex changes in the blood under mountain conditions. p. 3.

Izrael', A.I. - Two types of physiological reactions in horses under mountain conditions. p.16.

Shatalina, A.S. - Certain changes in physiological functions under mountain conditions. p. 26.

Shatalina, A.S. - Physiological examination of the participants in the group ascent of the Great Chimgan Peak. p.70.

Shatalina, A.S., Ter-Akopian, M.A. - Effect of a ski march in the mountains on the organisms of the participants. p.100.

No. 76, 1955. Biologicheskie nauki [Biological Sciences], no. 21.

Title translated:

Gushchin, P.O. - Biology of Alhagi. 115 p.

Title transliterated: Gushchin, P.O. - Biologiia IAntaka (Alhagi). 115 p.

## b) POPULAR MAGAZINES

AMERIKA; illiustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washingron, D.C. no. 3, 1956.

Table of contents translated:

Jares, Marjorie, Eland, Maria. - School in which children study the science of life. p.2.

Wenblom, Ralph D. - Foremost planter of corn. p.9.

He builds airplanes. p.13.

John Kelly. - Wheels on wheels. p.18.

Promising scholars; by permission from "Fortune." p.20.

Windows in the night sky. Photos by Robert Heilbreth, Steve Lansing. p.23.

Montague, Richard. - Robert Moses, builder of parks. p.24.

"Peter Pan" on television. p.29.

Atoms for peace. p.33.

A gay summer. p.36.

Motorboats have become popular. p.40.

Reed, Leonard. - Raymond Loewy. p.43.

American druggist. p.48.

Chess magician. p.51.

Flowers for the blind. p.53.

Skyscraper walls go up in one day. p.54.

Stieglitz, pioneer of photography. p.56.

The bookshelf. p.31.

Stefanski, H. - I will do it myself; photos. p.32.

Think it over and guess. p.3 of cover.

KOMITET UKRAINTSIV KANADY. Presovi visti [COMMITTEE OF UKRAINIANS IN CANADA. Press Bulletin]. Winnipeg, vol. 2, no. 8, Sep. 1956. [In Ukrainian.]

KOREA (People's Democratic Republic, 1948- ) Dept. of Cultural Relations With Foreign Countries. Informatsionnyi biulleten' [Information Bulletin]. Pyongyang, vol. 4, no. 36(126), Sep. 1956.

Table of contents translated:

Decrees of the Presidium of the Supreme National Assembly of the Korean People's Democratic Republic on conducting elections to the popular assemblies of provinces, cities, counties (regions), villages (settlements and workmen's settlements) of the Korean People's Democratic Republic. p.1.

On the age of citizens which have the right to vote and to be elected to the organs of the Government of the Korean People's Democratic Republic. p.1.

In the Central Committee of the Korean Labor Party. p.1.

On the arrival of the official delegation of the Albanian People's Republic in Korea. p.2.

Lowering of retail prices on local industrial goods. p.3.

Eleventh anniversary of the proclamation of the Vietnam People's Republic. p.4.

In memory of the Japanese painter Doyo Sesshu. p.4.

Polish friends help us. p.5.

Preparing for Miner's Day. p.5.

Departure of a Bulgarian journalist from Korea. p.6.

South Korea today. p.6.

Brief news. p.7.

KROKODIL [CROCODILE]. Issued by gazeta [newspaper] "Pravda," Moscow, vol. 35, no. 36, Dec. 1956; nos. 1-2, Jan. 1957.

MY I SVIT, WE AND THE WORLD. Paris, vol. 8, no. 34, Jan. 1957. [In Ukrainian.]

NOVAIA KOREIA [NEW KOREA]. Izd-vo [Publishing House] Novaia Koreia. Pyongyang, no. 9, Sep. 1956.

Table of contents translated:

Policy of improving the life of the people. p.1.

Kang Sŏi-mo. - Three-year plan was fulfilled ahead of time. p.6.

In the name of a prosperous life. p.8.

Chŏn Ik-hwan. - Great victory on the front of the cultural revolution. p.13.

Miner's Day. p.15.

Yi Cha-mu. - My transformed motherland. p.17.

Klimashin, V. - Impressions from the exhibition. p.19.

Kim Uk. - The Korean people is on the side of Egypt. p.22.

Fruits of American "aid" and the Fascist regime in South Korea. p.27.

Sin Ku-hŏn. - Korean literature and revolutionary traditions of the Korean Association of Proletarian Writers. p.30.

Pyŏn Hi-gŭn. - Magpie; a story. p.35.

Ch'oe Yŏng-hwan. - Inglorious end of "General Sherman." p.36.

Han Cha-sŏn. - Korean national musical instruments. p.40.

All-Korean festival of youth and student amateur art activities. p.42.

Through Korea. p.44.

LIGHT]. Moscow, vol. 34, 6.

nts translated:

lways with Lenin; verse. p.1.

days. p.2.

achievements. p.4.

friendly Afghan people in the

wer. p.6.

tories. p.9.

ef interviews. p.13.

ts of the peoples. p.14.

ries are friends. p.14.

eetings to all Soviet people.

auty and art. p.15.

g young painters. p.16.

os from Alla Varenova's life.

birth of Ashkhabad. p.18.

nd birth of Joe Hill. p.20.

- July-August; verse. p.24.

photos by I.Tunkel'. p.24a.

e book "Satirical verse, epi-

25.

362

Borovik, G. - Taken together we are 40 years [illegible] p.26.

Asanov, Nikolai. - My incomparable relative [illegible] p.28.

Cherevkov, K. - The oldest chimes. p.29.

We invite you to this exhibition; cartoons. p.30.

Raver, M. - Amusing contests. p.32.

Konstantinov, K. - A rare medal. p.32.

Vol. 34, no. 48 (1537), Nov. 1956.

Table of contents translated:

Free Albania is 12 years old; photos by I.A. [illegible] I. Tunkel', p.2.

Merzhanov, M. - Stop aggression in Egypt. p.3

Soviet pilots on a visit to President Bekaresh. p.3

Przymanowski, Yanusz., Kopańska, Wirsława. - A conversation on a building site. p.4.

Sofronov, A. - Hot days in Melbourne. p.6.

Cherevkov, K. - Each week a story in built. p.6.

Il'icheva, I. - Goldsmiths. p.8.

Sinel'nikov, A. - The "Nauka" puts out to sea. p.7.

Solov'eva, N. - A television center in Tashkent. p.7.

IAkovlev, IA. - Rosario Ascona's happiness. p.7

Meslatsev, S. - Sun baths. p.7.

Sill, André. - Letters from Hungary. Translated from the French. p.9.

Hardy, Frank. - Colds are treated by warming from the cycle "Stories about a faraway country." Translated from the English. p.9.

Grigor'ev, A. - Smoke over the taiga. p.11.

Smirniagina, A. - Cross-country automobiles. p.12

Blok, Georgii. - Spun from gas. p.12.

Agronovskii, I., Starkov, A. - Annals of courage and the struggle. p.14.

Drachinskii, Nikolai. - Sunny shores of the Adriatic Sea. p.16a.

Meleshin, Stanislav. - The pray; a true episode of the taiga. p.17.

Bratoliubov, S. - Old people's home on a collective farm. p.21.

Promyslov, V.F. - Novyye Cheremushki. [illegible] p.22.

Sveshnikov, A. - An outstanding composer; on the centenary of S.I.Taneev's birth. p.23.

Svetlova, N., Cherevkov, K. - Treasure house of world culture. p.23.

Miletskii, IA. - Whose handwriting is it? p.25

Meskhi, I. - "Gruziya-film." p.26.

Vershinina, I. - Studio of debutants. p.26.

Markish, Pereta - In the mountains; verse. p.27.

Koroteev, V. - On a visit to people's poet of Abkhazia p.28.

Komrad, S. - Two drawings. p.29.

Dostupova, Tat'iana. - Ruins of a museum. p.30.

Shumova, V. - Centenarians deserve our esteem. p.31

Stanislavskii, P. - Breed pigeons. p.30.

Alekseev, B. - Calendar systems and chronology. p.31.

Kravchenko, D.V. - "Giant's shoe." p.31.

Borison, A. - Collision with a sperm whale. p.32.

Stekol'nikov, I.S. - Ancient lightning conductors. p.32.

Chumak, P. - Medal of the Russian Photographic Society. p.31.

Turyshev, A., Ezhov, IU. - Underground [illegible] p.32.

Vol. 34, no.49(1538), Dec. 1956.

Table of contents translated:

Frindship forever. p.1.

We, the Soviet people. p.2.

Novikov, A. - People who arrived from the West. p.4.

Chinese guests in the U.S.S.R. p.6.

Nosov, V. - Monument to an outstanding writer. p.6

Kriger, Evgenii. - December, 1941. p.7.

Geselevich, A. - A great surgeon. p.8.

Saianov, Vissarion. - Writer and fighter for peace. p.9.

Kalinovskii, G. - The twenty third captain; a story. p.10.

Khalemskii, N. - A teacher's album. p.13.

Titov, Vasilii. - Where is the loss of water resources? p.14.

Khrabrova, N. - Estonian painters. p.17.

Volkov, N. - Actors of the Vakhtangov Theater. p.17

Kozin, Vladimir. - Charmed shepherd; a story. p.18.

Morozov, S., Kamenskii, L. - Furniture we need. p.20.

Poliakov, B. - "And quiet flows the Don" on the screen. p.21.

Khodunova, E. - Power of the group. p.21.

Popovkin, B. - In the land of ancient Hellas. p.22.

Drachinskii, Nikolai. - Egypt in these days. p.24.

Sofronov, A. - First medals. p.28.

Loktiukhov, M. - Vasilii Ivanovich; a story. p.29.

Karbovskaia, Varvara. - Welcome present. p.32.

Eternal congelation in the South. p.32.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 12, nos. 22-23, Nov.-Dec. 1956. [In Ukrainian.]

PIONER [PIONEER]. Erivan, no. 12, Dec. 1956. [In Armenian.]

RODNYE DALI [BELOVED VISTAS]. Los Angeles, Calif., no. 35, Feb. 1957.

RUSSKII V AVSTRALII. THE RUSSIAN IN AUSTRALIA. Published by the Russian Central Welfare Committee. Sydney, vol. 7, no. 12(71), Dec. 1956.

SEIATEL' [SOWER]. Published by N. Cholovskii. Buenos Aires, no. 95, Sep.-Oct. 1956.

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, no. 1, Jan. 1957. [In Moldavian.]

SOGLASIE [CONCORD]. Published by Russkoe soglasie [Russian Concord]. Los Angeles, Calif., no. 64, Feb. 1957.

SOTSIALISTIK UZBEKISTON. SOTSIALISTICHESKII UZBEKISTAN [SOCIALIST UZBEKISTAN]. Tashkent, vol. 15, no. 10(178), Oct. 1956. [Parallel texts in Uzbek and Russian.]

Table of contents translated:

New China marches with us. p. 3.
Unusual enthusiasm. p. 4.
Peaceful atom. p. 5.
Visit of friendship. p. 7.
Bekmukhamedov, M. - In orchards of IAkkobag. p. 11.
Takhia-Tash, port on the Amu Darya. p. 13.
Our doors are open to anyone. p. 16.
In the department store. p. 16.
On the Andizhan stage. p. 17.
Drobia, V., Polisin, D. - On the "Prokhlada" Collective Farm; verse. p. 18.
Aleksandrov, Dm. - Khalima Nasyrova, people's actress of the U.S.S.R. p. 20.

Vol. 15, no. 11(179), Nov. 1956. [Parallel texts in Uzbek and Russian.]

Table of contents translated:

Under the banner of October. p. 3.
Hands off Egypt. p. 4.
They met Il'ich. p. 5.
First pension. p. 8.
Cotton is our riches. p. 9.
Congress of Uzbek intellectuals. p. 10.
Ziiadullaev, S. - Today in Golodnaya Steppe. p. 13.
Malliants, A. - At the exhibition in Moscow. p. 14.
Chores, F. - At the break of dawn; verse. p. 15.
Avtsin, I. I. - Introducing modern technology. p. 17.
Malliants, A. - Blooming Ashkhabad. p. 19.
Polisin, Dm. - Mukhtar Ashrafi, People's Artist of the U.S.S.R. p. 20.
Kosmatenko, Anatolii. - A glass of "water"; verse. p. 20.

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 10, Oct. 1956. [In Ukrainian.]

Table of contents translated:

Decisively improve bookselling. p. 1.
Khil'ko, V. - An important factor in the development of socialist production. p. 3.
Moliakovych, D. - Culture of an old city; on the 700th anniversary of Lvov. p. 6.
Kozakov, M. - Mainstay of party organizations. p. 8.
Burliuk, D. - Evening devoted to special problems in a club. p. 10.
Borzova, P. - Natural sciences for the masses. p. 12.
Kushkina, H., Lovandova'ka, IE. - Library that propagandizes technical literature. p. 14.
Horilova'kyi, L. - Native home. p. 16.
Shamardin, O. - Agricultural study room in a collective farm palace of culture. p. 19.
Dielina'kyi, A. - We improve our work among the masses. p. 21.
Kornilenko, I. - Thoroughly study the economy of the region. p. 22.
Palace of miners. p. 24.
Honcharenko, V. - Vladilena IAlkut sings. p. 26.
Nesvitenko, M. - Power of ardent words. p. 27.
Pavlusha, H. - Competition of motion-picture operators. p. 29.
Kirieieva, N. - Strengthen ties with customers. p. 31.
Poroshyna, O. - Making our festivals full of joy. p. 32.
IUshchenko, O. - That's why I love her; a song. Music by S. Zhdanov. p. 34.
Ustynov, M. - Encounter; a play. p. 35.
Satire and humor. p. 40.
Popolitov, K. - Preparing a musical composition for orchestral performance. p. 41.
Prostanyk, O. - Eternal image of the great Lenin. p. 42.
Storchak, K. - Outstanding playwright. p. 44.
Amateur theatricals in Peiping. p. 45.
New books. p. 46.
See these motion pictures. p. 46.
In leisure hours. p. 47.

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, no. 12(82), Dec. 1956.

Table of contents translated:

For peace, friendship, and disarmament. p. 1.
For Egypt's people. p. 4.
Borisov, S. - Safety lights. p. 6.
Merzliakov, IA. - A city that is not on the map. p. 8.
From 37 countries. p. 10.
Ansberg, Aleksandr. - Estonian talents. p. 14.
Luknitskii, Pavel. - In the Pamirs. p. 18.
Semushkin, Tikhon. - Living traditions. p. 22.
Italian films. p. 24.
Paramonova, Kira. - The forty first. p. 26.
Agafonov, S. - Nizhegorod citadel. p. 28.
Grachev, I. - On the TV screen - Leningrad, Rome, London. p. 30.
The "Soviet Union." p. 32.
Three quarters of a century with a camera. p. 32.
Truck driver and regional expert. p. 32.
What is there for lunch to-day? p. 32.
Handy device. p. 32.
New subway lines. p. 33.
Dolgopolov, Mikh. - Oleg Popov's smiles and grimaces. p. 35.
Matches; an answer to Belgian readers. p. 36.
Fifteen years ago; the destruction of the German-Fascist forces before Moscow, December 1941. p. 37.
In the People's Republic of Albania. p. 38.
Great son of the Chinese people. p. 39.
Rumanian government's delegation in Moscow. p. 39.
Reception for German peace partisans. p. 39.
Brotherly aid for Hungary. p. 40
In the first days. p. 40.

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, no. 21,(180), Nov. 1956. [In Ukrainian.]

Table of contents translated:

Nahnybida, Mykola. - In a large family; verse. p. 1.
In our country's expanses. p. 2.
Beyond the polar circle. p. 3.
Chumachenko, V. - Riches of Azerbaijan. p. 4.
News from fraternal republics. p. 5.
Davitashvili, Mykh. - The mystery has been solved. p. 5.
Kharin, IU. - To the north of Stalingrad. p. 6.
Bielialov, V. - Cast iron from a new blast furnace. p. 7.
Sukhorukov, IA. - The Orenburg steppe. p. 8.
Babliuk, B. - On the banks of the Lena; a letter from Yakutia. p. 10.
Pechers'kyi, Mykola. - Word about Siberia. p. 11.
The Kazakhstan land. p. 14.
Starikov, Viktor. - Vivifying water. p. 15.
Shchekin, S. - Where sands once were. p. 16.
Rud', H. - Red stars. p. 17.
The Kakhovka Hydroelectric Power Station is ready, the Kremenchug will be built. p. 18.
Makarov, Semen. - Son of a furnace attendant. p. 20.
Akhmatov, S. - News from the old basin. p. 21.
Tumarkin, IA. - Mar'inka millions; a feature story. p. 22.
Sobko, Vadym. - Five cities of China; memoranda from a notebook (conclusion). p. 24.
Bedzyk, IUrii. - Polesye melodies; a story. p. 27.
Martych, IUkhym. - Drops from the golden rain; brief stories about our coevals. p. 30.
Why is it called that? p. 32.
Voitenko, I. - The vanished lake. p. 32.

No. 22(181), Nov. 1956. [In Ukrainian.]

Table of contents tran

Visit of friendship. p. 2.
Hands off Egypt. p. 3.
Parkhomov, Mykhailo. - Decr
Kravchenko, O. - Artillerists.
Strokova'kyi, Mykola. - Face
Liaskova'kyi, V. - Brothers.
Kozachenko, Vasyl'. - Mistak
a story. p. 12.
Synytsyn, P. - On display and
Leichenko, H. - Inspired creat
Sholta, Volodymyr. - Sacred l
Shlepakov, A. - Instructive ro
Stupak, IU. - P.D. Martynovyc
Latyshev, Mykhailo. - Singing
Sumnyi, Semen. - Painter fro
Loss, Ol. - After the flight to
Nov, S. - Sugar. p. 26.
Butnikov, M. - Butter. p. 26.
Hurov, Ihor. - Rocky ridge; a
Vasyl'ko, B. - Fairy helpers.
Bilous, Dmytro. - Speaking fr
Puchkov, S. - From barge to
Kruhlikov-Hrechanyi, L. - No
Floating electric power statio
Vynokur, I. - Ancient stonecu
p. 32.
Khmil'chuk, O. - Sanitary hel
Bokhtenko, B. - Water skis.

UKRAINS'KE HROMADS'KE SLOVO. UKRAINIAN COMMUNITY WORD. Issued by Ukrains'ka Hromada im. Mykyty Shapovala v ZDA [Ukrainian Mykyty Shapovala Society in the U.S.A.]. Brooklyn, vol. 5, no. 1(49), Jan. 1957. [In Ukrainian.]

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. Published by Ukrains'ka Vydavnycha Spilka [Ukrainian Publishers, Ltd.]. London, vol. 4(10), no. 2(112), Feb. 1957. [In Ukrainian.]

## 2. BIBLIOGRAPHY

### a) BIBLIOGRAPHY

BIBLOS; ZHURNAL BIBLIOGRAFII, KRYTYKY I RETSENZII [JOURNAL OF BIBLIOGRAPHY, CRITICISM, AND REVIEWS]. New York, vol. 3, no. 2(22), Feb. 1957. [In Ukrainian.]

KATALOG SOVETSKIKH KNIG [CATALOG OF SOVIET BOOKS]. Published by Vsesoiuznoe ob"edinenie [All-Union Association] "Mezhdunarodnaia kniga." Moscow, Jan. 1957. [Supersedes "Sovetskie vyshedshie knigi."]

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 50-52, 1956; no. 1, 1957.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 49-51, 1956.

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 4, 1956.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 50-52, 1956; nos. 1-4, 1957.

LITOPYS KNYH [BOOK CHRONICLE]. Organ of Knyzhkova palata Ukrains'koi RSR [Book Chronicle of the Ukrainian S.S.R.]. Kharkov, vol. 33, nos. 1-9, Jan.-Sep. 1956.

NOVAIA INOSTRANNAIA KNIGA V BIBLIOTEKAKH AKADEMII NAUK SSSR I AKADEMII NAUK SOIUZNYKH RESPUBLIK [NEW FOREIGN BOOKS IN THE LIBRARIES OF THE ACADEMY OF SCIENCES OF THE U.S.S.R. AND OF THE ACADEMIES OF SCIENCES OF THE UNION REPUBLICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 9, 1956. Sistematicheskii katalog izdanii 1942-1954 gg., postupivshikh v techenie 1954 g. [Classified catalog of the publications of 1942-1954, accessioned in 1954].

c) PRINTING & THE BOOK TRADE

MOSCOW. MOSKOVSKII POLIGRAFICHESKII INSTITUT. Nauchnye trudy [MOSCOW PRINTING INSTITUTE. Studies]. No. 4, 1956.

Table of contents translated:

Timofeev, M.S. - Pressure of printing contact of flat-bed cylinder, small-format printing presses and methods of measuring it. p. 3.
Urnov, K.V. - Features of multimotored electric drives of printing presses. p. 32.
Gus'kov, P.S. - Some aspects of calculating the performance and modernizing plate-folding machines. p. 45.
Tarabasov, N.D. - Stresses and displacements in multilayer beams. p. 64.
Tarabasov, N.D. - Stresses in circular composite plates. p. 72.
Tiurin, A.A. - Slipping in the printing contact zone. p. 94.
Aleksandrova, M.I. - Multicolor printing employing one productive cycle of the press. p. 103.
Polianskii, N.N. - Resolving capacity of photographic layers with bichromates. p. 120.
Shakhkel'dian, B.N. - Physical and mechanical properties of printing colors and the phenomenon of "noncirculation." p. 137.
Gastev, S.S., Krestovnikov, A.N. - Solution rate of solid solutions of the copper-tin system in active media. p. 154.
Kliachko, I.R., and others. - Some technical aspects of preparing bimetallic offset forms. p. 165.
Belozerskii, I.V. - Study of the action of a buffer solution of a disubstituted sodium phosphate and orthophosphate acid on the adsorption film of oleic acid on zinc and aluminum. p. 177.
Panina, A.N. - Specialization in the book industries. p. 184.
Balog, I.I. - Stabilizing properties of incandescent lamps. p. 195.

POLIGRAFICHESKOE PROIZVODSTVO ZA RUBEZHOM [THE PRINTING INDUSTRY ABROAD]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, nos. 3, 6, 1956.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie rasprostraneniia i ekspedirovaniia pechati Ministerstva sviazi SSSR [Main Administration for the Dissemination and Distribution of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Editorial: Enlarge in every possible way individual subscriptions to newspapers and periodicals of the special branches of industry. p. 1.
Most important problems in subscription work. p. 4.
Voropai, A. - Draw up documents with great care. p. 6.
Medianskaia, A. - Newsstand operators improve their qualifications. p. 8.
Vvedenskii, M. - In Leningrad trading port. p. 10.
Ukrainian newsstandoperators visited White Russia. p. 11.
Kamilov, M. - At least they had to answer. p. 12.
Murashkin, A. - Stamps and envelopes are always available. p. 12.
[illegible]. - We enlarged our knowledge. p. 13.
[illegible]ate with the district newspaper.
[illegible]unt of the 1957 plan. p. 13.
[illegible]iability to subscribers.
[illegible]r the distribution of bills.
[illegible]ations of Union Press
[illegible]lack of the personal [illegible]ine duties more exactly.
[illegible]t run well. p. 17.
[illegible]skovich, a district organ-
[illegible]nterfoils of receipt books.
[illegible] "Sotsialisticheskii trud."
[illegible]urnover of publications.
[illegible]n of publications con-

## 3. PHILOSOPHY & RELIGION

a) PHILOSOPHY

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1956.

Table of contents translated:

Deborin, G.A. - Socialism, a world system. p. 3.
Seleznev, I.A. - The possibility of averting war in the present era. p. 20.
Zauzolkov, F.N. - The experience of the U.S.S.R. in narrowing the gap between mental and physical work. p. 32.
Man'kovskii, L.A. - Categories of "thing" and "relation" in K. Marx's "Capital." p. 46.
Morochnik, S.B. - Abstract and real possibilities. p. 60.
Lebedev, M.P. - Matter and consciousness. p. 70.
Nazarov, B.A., Gridneva, O.V. - Backwardness in dramaturgy and theater. p. 85.
Fedorov, V.K. - I.P. Pavlov's theories on types of higher nervous activity. p. 95.
Romanenko, V.M. - L.I. Mechnikov's struggle against Malthusian theories, social Darwinism, and racism. p. 100.
Bogusławskii, V.M. - Michel Montaigne's "Essays." p. 106.
Efirov, S.A. - Dialectical problems in present-day bourgeois philosophy. p. 120.
Efimov, A.V. - The problem of the coexistence of different means of production in F.J. Turner's works. p. 132.
Chatoian, V.K. - Basic features of Ioann Vorotnetsi's philosophy. p. 142.
Moloshchenko, Z.N. - Letters of German educators of the 18th and beginning of the 19th century to K. Morgenstern, Professor of Dorpat University (presently Tartu). p. 148.
Lukács, György. - Hegel's economic views in the Jena period. p. 151.
Vilenskaia, E.S. - Controversial questions and methods in the study of A.N. Radishchev's ideological legacy. p. 163.
Popov, P.S. - The scientific statement of logic. p. 175.
Zeidel', G., Il'enkov, E.V., Naumenko, L.I. - "The young Hegel." p. 181.
Sakharova, T.A. - New work on Locke. p. 186.
Problems in the history of philosophy and social thought. p. 191.
Sergeev, S.M., Ivanov, A.I. - Academic session at the Institute of Marxism-Leninism of the Central Committee of the Communist Party of the Soviet Union. p. 197.
Bazhenova, A.A. - Preparing the book "Outline history of aesthetic theories." p. 201.
Arbatov, IU.A. - Empirical tendencies in present-day bourgeois sociology. p. 203.
Semenov, V.S. - Bourgeois sociologists in the role of "public consultants." p. 211.
Bauman, Zygmunt. - Social studies but what kind? p. 212.
Petrov, D.F. - The problem of androgenesis. p. 216.
Medvedev, N.V. - An answer to E.A. Asratian. p. 217.
Shorokhova, E.V. - At the Institute of Philosophy of the Academy of Sciences of the U.S.S.R. p. 220.

b) RELIGION

EDINAIA TSERKOV'. ONE CHURCH. Organ of Patriarshii Ekzarkhat Russkoi Pravoslavnoi Katolicheskoi TSerkvi v Amerike [Patriarchal Exarchate of the Russian Orthodox Catholic Church in America]. New York, vol. 11, no. 1/2, Jan. - Feb. 1957.

PRAVOSLAVNAIA RUS'. ORTHODOX RUSSIA. Published by Holy Trinity Russian Orthodox Monastery. Jordanville, N.Y., vol. 28, nos. 1(618)-3(620), Jan. -Feb. 1957.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 63, no. 1, Jan. 1957.

TSERKOVNYIA VEDOMOSTI PRAVOSLAVNOI TSERKVI V GERMANII [GAZETTE OF THE ORTHODOX CHURCH IN GERMANY]. Munich, vol. 6, no. 10/12, Oct. -Dec. 1956.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian [illegible] Church of the United States of America [illegible] Brook, N.J., vol. 6, no. 2, Feb. 1957. [In Ukrainian.]

UKRAINS'KYI KHRYSTYIANS'KYI RUKH. [illegible] lystok zv'iazku [UKRAINIAN CHRISTIAN [illegible] MENT. Information Bulletin of the Union [illegible] France, nos. 1-2, Feb., Apr. 1956; nos. [illegible] June, Oct. 1956. [In Ukrainian.]

UKRAINS'KYI VISTNYK. UKRAINIAN HERALD. [illegible] by Ukrains'ka pravoslavna tserkva v Amerytsi [Ukrainian Orthodox Church in America] [illegible] vol. 27, no. 4, Dec. 1956. [In Ukrainian.]

VECHNOE [THE ETERNAL]. Paris, no. [illegible] Jan. 1957.

VIRA I KUL'TURA. FAITH AND CULTURE. [illegible] Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Ottawa, Vol. 30, [illegible] Jan. 1957. [In Ukrainian.]

VOPROSY ISTORII RELIGII I ATEIZMA. [illegible] [PROBLEMS OF RELIGION AND ATHEISM. [illegible] lection of Articles]. Issued by Institut istorii [illegible] mii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, [illegible]

Table of contents translated:

Bonch-Bruevich, V.D. - Lenin on religion. p. 3.
Kryvelev, I.A. - The basic factor in [illegible] religious concept. p. 24.
Lavretskii, I.R. - Crisis in the Catholic [illegible]
Sheinman, M.M. - Historical background [illegible] XIII's encyclical "Rerum novarum." [illegible]
Zybkovets, V.F. - An interpretation of [illegible] graves; was Neanderthal man religious? [illegible]
Kirpotin, V.IA. - Criticism of religion [illegible] of M.E. Saltykov-Shchedrin. p. 120.
Chubinskii, V.V. - Aspects of religion [illegible] of M.A. Antonovich. p. 137.
Zummer, V.M. - The free thinking of the [illegible] Aleksandr Ivanov. p. 159.
Kogan, IU.IA. - Persecution of Humanist [illegible] in the second half of the 16th century, [illegible] materials of the Secret Expedition. p. [illegible]
Klibanov, A.I. - "Original heresy": the history of [illegible] sian free thought from the end of the [illegible] middle of the 16th century. p. 203.
Zimin, A.A. - Matvei Bashkin, 16th century [illegible] thinker. p. 230.
IUzbashian, K.N. - History of the Paulicians [illegible] in Byzantium in the ninth century. p. 248.
Kazhdan, A.P. - New manuscripts discovered [illegible] shore of the Dead Sea. p. 260.
Grig, I.R. - Contemporary Polish writings [illegible] Vatican and the Catholic Church. p. 314.
Chernink, E.B. - Catholic historiography [illegible] p. 322.
Kogan, IU.IA. - "Letter of Thrasybulus to [illegible] by N. Frenet. p. 354.
Svotlov, L.B. - The "Court philosopher" by F.I. Dmitriev-Mamonov. p. 394.
Shul'gin, M.I. - From the papal "Index librorum prohibitorum." p. 413.
Godunov, R.E. - Why the Vatican condemned the French Catholic periodical "La Quinzaine." p. [illegible]

ZHYTTIA I TSERKVA. LIFE AND CHURCH. New York, no. 6/8, 1956. [In Ukrainian.]

## 4. HISTORY

a) GENERAL

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR. Institut istorii i filosofii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of History and Philosophy. Transactions]. Baku, vol. 3, 1956.

Table of contents translated:

Abibullaev, O.A. - Study of Kyul'tepe Hill. p. 3.
Gasanov, I.M. - From the history of feudal relations in Azerbaijan. The ranjbary in the 19th century. p. 26.
Mamedov, A.A. - The fight for Soviet rule in Karabakh Country. p. 93.
Tokarzhevskii, E.A. - Reconstruction of Azerbaijan agriculture in 1921-1926. p. 114.
Alimirzoev, Kh.O. - Prerequisites for the complete collectivization of agriculture [in Azerbaijan with summary in Russian]. p. 136.
Tagieva, Sh.A. - The fight of workers of Iran against

English interventionists and Turkish aggressors in 1918-1919 [in Azerbaijani with summary in Russian]. p. 182.
On the 50th anniversary of the first Russian revolution. Heroic revolutionary acts of the Baku proletariat in December, 1904. p. 217.
Seid-Azim Shirvani's teaching activities. p. 307.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut istorii. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of History. Transactions] Tiflis, vol. 1, 1955. [In Georgian with summary in Russian].

Table of contents translated:

Inseliani, A.P. - The struggle of Georgian workers for the reconstruction of the national economy; 1921-1925. p. 7.
Kalandadze, TS.P. - Building a cultural program in Soviet Georgia; 1921-1925. p. 57.
Kacharava, IU.M. - The formation of the Transcaucasian Socialist Federated Soviet Republic and the struggle of the Communists of Georgia against nationalist deviation. p. 75.
Kochiashvili, M.I. - Rout of the German Fascist army at the approach to Ordzhonikidze. p. 135.
Berdzenishvili, N.A. - The factor of class and intraclass struggle in the external political relations of Georgia. p. 156.
Gakashvili, V.N. - History of feudal agriculture in Georgia in the last quarter of the 19th century. p. 187.
TSintsadze, IA.Z. - From the history of Russian-Georgian relations. p. 245.
Akopashvili, G.D. - From the history of political thought in Georgia in the 19th century. p. 271.
TSkitishvili, G.G. - Iberian "pitiakhsh" rule in trans-Likhi Georgia. p. 303.
Imadze, M.P. - Relations between Iberia and Rome in the first half of the second century. p. 313.
Lomtatidze, G.A. - Georgian social, cultural conditions and home life in the first to third centuries [in Georgian]. p. 329.
Chitaia, G.S. - Tasks of Soviet Caucasian ethnography. p. 375.
Chitaia, G.S. - Ethnic folk traditions. p. 387.
Chkonlia, I.V. - Some features of the family community in Kartlia. p. 395.
Anchabadze, Z., Lordkipanidze, M. - Class distinctions in Georgia [in Georgian]. p. 409.
Krikunov, V. - For a scientific revision of the history of Georgian-Kabardian relations. p. 423.
Lordkipanidze, M.D. - The unification of feudal Georgia. p. 431.
Akopashvili, G. - "The Reviewer." Vol. 3. [in Georgian]. p. 453.
Berzenishvili, N. - "Social and political movement in 19th century Georgia; national liberation movement" [in Georgian] by A. Kikvidze. p. 465.
Berdzenishvili, N.Z. (Kiladze). - "Stone age man in the Sakazhia Cave" [in Georgain] by G.K. Nioradze. p. 467.
Chachashvili, G.A. - Features of Caucasian ethnography. p. 493.
Dzhavakhishvili, Iv. - Work of the Institute of History during 1954 [in Georgian]. p. 503.
Chitaia, G. - Dmitrii Arakishvili; obituary [in Georgian]. p. 516.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut istorii, arkheologii i etnografii, Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of History, Archaeology, and Ethnography, Transactions]. Alma-Ata, vol. 3, 1956. Etnografiia [Ethnography].

Table of contents translated:

Foreword. p. 3.
Vostrov, V.V. - The Kazakhs of Dzhanybek District, West Kazakhstan Province; historical ethnographic outline. p. 5.
Zakharova, I.V. - The material culture of the Kazakh collective farmers of southeastern Kazakhstan; based on materials from Alma-Ata and Dzhambul Provinces. p. 105.
Sabitov, N.S. - Social and family life of the Kazakh collective farmers; based on materials from Alma-Ata and Dzhambul Provinces. p. 190.
Khodzhaeva, R.D. - The social position and family life of Uigur women in Kazakhstan. p. 231.

AKADEMIIA NAUK SSSR. Institut istorii, Doklady i soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. Reports and Papers]. Moscow, no.6, 1956.

Table of contents translated:

Sidorov, A.L. - A word of introduction. p. 5.
Ivanov, L.M. - The All-Russian political strike and the soviets of workers' deputies. p. 7.
Dubrovskii, S.M. - The peasant movement of 1905-1907. p. 18.
Khachapuridze, G.V. - Participation of the workers and peasants of Transcaucasia in the Revolution of 1905-1907. p. 40.

Piaskovskii, A.V. - Features of the Revolution of 1905-1907 in Central Asia. p. 48.
Krastins, J.P. - Joint struggle of the Baltic and Russian peoples in the Revolution of 1905-1907. p. 64.
Daniszewski, T. - Joint struggle of the workers of Poland and Russia against autocracy and for national and social liberation. p. 80.
Hanak, Peter. - Influence of the Russian Revolution of 1905-1907 on the revolutionary struggle of the Hungarian people. p. 94.
Roller, Mihail. - The Russian Revolution and the rise of the peasant movement in Rumania in 1905-1907. p. 107.
Stern, Leo. - Influence of the first Russian revolution on the development of the revolutionary struggle in Germany. p. 121.
Manfred, A.Z. - The Russian Revolution of 1905-1907 and the rise of the revolutionary movement in France. p. 130.
Kuchinskii, IU. - Changes in German imperialism from 1900 to 1955. p. 147.
Lepshii, K. - The social program of the plebeian wing of Polish Arianism. p. 153.
Fadeev, A.V. - History of the colonization of the Northern Caucasus by peasants in the prereform period; 1785-1861. p. 167.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia, Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Slavic Studies. Studies]. Moscow, vol. 14, 1956.

Table of contents translated:

Vladimirskaia, V.I. - Struggle of the Bulgarian Workers' Social Democratic Party (Left-wing Socialists) against the First World War; 1914-1918. p. 3.
Strukova, K.L. - Social and economic bases of the movement for reunion in southern Bulgaria in 1879-1885. p. 56.
Ratner, N.D. - Program and tactics of the Czech bourgeoisie in 1860-1867. p. 83.
Voikova, L.V. - Progressive Polish publicists of the 19th century on the events of their time. p. 179.
Litavrin, G.G. - The peasantry of western and southwestern Bulgaria in the 11th and 12th centuries. p. 226.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia, Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oriental Studies. Studies.]. Moscow, vol. 14, 1956. Istoriia i ekonomika stran Blizhnego i Srednego Vostoka [History and economic conditions of the Near and Middle East].

Table of contents translated:

Zakhoder, B.N. - Central Asiatic Khurasan geography of the Volga Valley and Eastern Europe in the ninth and tenth centuries. p. 5.
Solodukho, IU.A. - The social structure of Iraq in the third to fifth centuries. p. 31.
Petrushevskii, I.P. - The anti-Mongolian movement of the "Serbedary" in Khurasan. p. 91.
Shamsutdinov, A.M. - Participation of the Ottoman Empire in the intervention against Soviet Russia in 1918. p. 163.
Valuiskii, A.M. - Creation of the first Young Turks organizations. p. 197.
Moiseev, P.P. - The Turkish "Law of National Defense" of 1940. p. 222.

ISTORICHESKIE ZAPISKI [HISTORICAL RECORDS]. Published by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 57, 1956.

Table of contents translated:

Dykov, I.G. - Executive Committee of the Soviets of the Rumanian Front, the Black Sea Fleet, the Odessa District and the struggle to establish Soviet rule on the Rumanian front. p. 3.
Golikov, G.N., Tokarev, IU.S. - The crisis of April, 1917. p. 35.
Tarnovskii, K.N. - Monopolistic organizations and the Committee on the Metallurgy Industry. p. 80.
Krupina, T.D. - The tsarist government's relations with monopolies. p. 144.
Ionova, G.I. - Schools on Sunday in the first revolutionary situation, 1859-1861. p. 177.
Fedorenko, P.K. - Use of water wheels in mining operations on Russian territory in the 16th-19th centuries. p. 210.
Kukanova, N.G. - Russian-Iranian trade relations at the end of the 17th and beginning of the 18th centuries. p. 232.
Rogachevskaia, L.S. - Work of industrial conferences in the first years of industrialization. p. 255.
Babichev, D.S. - Activity of the Russian government's committee in London during the First World War; 1914-1917. p. 276.
Abramov, P.N. - The peasant movement of 1905-1906 in the central Chernozem guberniyas. p. 293.

OBZOR VAZHNEISHIKH SOBYTII V SSSR [REVIEW OF THE PRINCIPAL EVENTS IN THE U.S.S.R.]. Issued by Issledovatel'sko-bibliograficheskii otdel Instituta po izucheniiu SSSR [Research and Bibliographical Department of the Institute for the Study of the U.S.S.R.]. Munich, vol. 3, no. 99, Nov. 1956.

Table of contents translated:

Glovinskii, E.A. - Soviet commodity exchange as reported in a recently published statistical collection. p. 1.
Vvedenskii, G.A. - The third and forth metallurgical bases of the U.S.S.R. p. 13.
Gaenko, F.S. - Labor and wage reform in the U.S.S.R. p. 25.
The most important current events. p. 33.
Chronological index of events. p. 39.
Information. p. 41.

Vol. 3, no. 100, Nov. 1956.

Table of contents translated:

Greetings from Professor Oliver J. Frederiksen. p. 1.
Gaev, A. - Change in the role ascribed to Soviet literature. p. 3.
Lebed', S.S. - Development of automotive transportation in the U.S.S.R. p. 17.
Kabysh, A.I. - Preliminary results of harvesting in 1956. p. 25.
The most important current events. p. 37.
Chronological index of events. p. 43.
Corrections. p. 46.

Vol. 3, no. 101, Nov. 1956.

Table of contents translated:

Galai, N.IA. - Crisis on the boundaries of Soviet foreign and domestic policies. p. 1.
Mertsalov, V.S., Glovinskii, E.A. - Harvest and state grain collection. p. 19.
Lebed', A.I. - Important current events. p. 35.
Chronicle of events. p. 41.

Vol. 3, no. 102, Dec. 1956.

Table of contents translated:

Mironenko, IU.P. - The social structure of the population of the Soviet Union and its national republics in the light of a new statistical collection. p. 1.
Kovan'kovskii, P.L. - The planning of research in economics and finance in the U.S.S.R. p. 19.
Lebed', A.I. - Most important current events. p. 29.
Calendar of events. p. 35.

Vol. 3, no. 103, Dec. 1956.

Table of contents translated:

IUrchenko, A.V. - "Collective leadership" tactics in the national problem. p. 1.
Urban, P.K. - The problem of Soviet self-criticism in the historical sciences. p. 17.
Lebed', A.I. - Important current events. p. 29.
Chronicle of events. p. 36.

OLD TIMES. STAROE VREMIA. Issued by "Brigada starikov" [Old Men's Brigade]. New York, no. 10, Dec. 1956.

RID TA ZNAMENO. LINEAGE AND ARMS. Issued by Ukrains'ka rodovidna ustanova [Ukrainian Genealogical Institute]. Frankfurt a/M., no. 2, 1947. [In Ukrainian.]

SOVETSKOE VOSTOKOVEDENIE [SOVIET ORIENTAL STUDIES]. Issued by Institut vostokovedeniia Akademii nauk SSSR [Institute of Oriental Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1956. [With English summaries in insert.]

Table of contents translated:

The Great October Socialist Revolution and the present-day East. p. 3.
Astaf'ev, G.V. - China - a great world power. p. 11.
D'iakov, A.M., Reisner, I.M. - Gandhi's role in the national liberation struggle of the peoples of India. p. 21.
Kiselev, V.I. - National liberation movement in the Sudan after the Second World War. p. 35.
Gal'perin, A.L. - Genesis of capitalism in Japan. p. 48.
Rao, Vuppalla Lakshmana. - History of Andhra (Telugu) literature. p. 62.
Mirnyi, M.S. - Hethum's "Flower of the history of oriental countries" as a source of historico-geographical studies and of Mongol history. p. 72.
Pashaev, N.A. - Cultural progress in Azerbaijan. p. 83.
K'uo Shao-t'ang. - Progress of public education, science and the culture of the Chinese People's Republic. p. 89.
Mikoian, S.A. - Indian principalities during the crisis of British rule in India. p. 96.
Shubnikov, N.M. - The situation in South Korea. p. 108.
Riftin, B.L. - New materials concerning the tradition-

at Dungan folk song. p. 118.
Ol'derogge, D. A. - Traces of a class of nouns referring to persons in the Hausa language. p. 130.
Ashrafian, K. Z., Manandian, IA. A. - "Trade and cities of Armenia viewed in connection with ancient world trade (5th century B. C. to the 15th century A. D." p. 133.
Gasanov, I. M., Strigunov, I. V. - "The annexation of Azerbaijan to Russia and the resulting progress in the field of economics and culture (19th and beginning of the 20th centuries)." p. 136.
Zaretskaia, S. I., Mirovitskaia, R. A. - The periodical "Economic studies" (Chinese People's Republic). p. 140.
Cheshkov, M. A. - Review of the periodical "Tap san nghien cu'u van su dia" (Democratic Republic of Vietnam). p. 143.
Eidus, Kh. T. - A valuable study by progressive Japanese historians. p. 149.
V. A. Gordlevskii; obituary. p. 156.
B. V. Miller; obituary. p. 158.


VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1956.

Table of contents translated:


Akopian, G.S. - Correspondence between V.I. Lenin and S.G.Shaumian on the nationalities problem. p. 3.
Pollanskaia, E.M. - From the history of the socialist industrialization of Siberia. p. 15.
Gol'dberg, D.I. - Origin and first stage of the labor and socialist movement in Japan. p. 33.
Sulzlumov, M.IA. - "Schism of churches" in 1054. p. 44.
Matvievskii, P.E. - Formation of the Russian nation. p. 58.
Galkin, A.A., Nakropin, O.M. - Capitulation of Fascist Germany and the "Dönitz government." p. 68.
Taubin, R.A. - Revolutionary propaganda in Russian "Sunday schools," 1860-1862. p. 80.
Moskalev, M.A. - Struggle for the founding of the Marxist Workers Party in the 1890's. p. 91.
Ponomarenko, P.M., Oslikovskaia, E.S., Snegov, A.V. - Party policy in the Ukrainian village during 1919-1920. p. 105.
Burdzhalov, E.N. - More about Bolshevik tactics in March and April, 1917. p. 109.
Ionova, O.V., Safronov, F.G. - Social and economic relations in Yakutia from the 17th to the 19th centuries. p. 115.
Dubrovskii, S.M. - Against idealization of the activities of Ivan IV. p. 121.
Kazarin, A.I. - Vulgar sociological errors in a study on the history of political theory. p. 129.
Kochetkov, A.N. - Problems in the history of Russian military science. p. 141.
Preobrazhenskii, A.A. - "Outline history of the Komi A.S.S.R.," vol. I. p. 150.
Grishina, M.I., Firstova, V.N. - "Outline history of the U.S.S.R. The first Russian bourgeois democratic revolution of 1905-1907." p. 154.
Sedov, M.G. - "A.I. Herizen's views on history" by N. Pirumova. p. 158.
Kryvelev, I.A. - "Problems in the history of religion and atheism"; collected articles. p. 163.
Poletaev, A.A. - "The American socialist movement, 1897-1912" [in English] by I. Kipnis. p. 167.
Lavrovskii, V.M. - "The English revolution of 1640" [in English] by C. Hill. p. 172.
IAtsunskii, V.K. - "The formation of capitalism in Poland" [in Polish] by Witold Kula. p. 177.
Zaretskaia, S.I. - "Materials on the history of China," vol. I: 'The Opium War.' p. 182.
Shabad, B.A. - "Southeast Asia" [in English] by Brian Harrison. p. 187.
Karliner, M.M. - "Magnificent journey; the rise of [illegible]sh] by Francis Williams.
Sirota, F.I. - The military organizational work of the Leningrad All-Union Communist Party in the first period of the Great Patriotic War. p. 10.
Beliavskaia, I.A. - B. Franklin as a leader of the national liberation movement of the American people. p. 32.
Rybakov, B.A. - The "Ostromir chronicle." p. 46.
Kuznetsov, I.V. - The character of prereform manufacture in Russia. p. 60.
Soselia, G.K. - Was there a slave system in Georgia? p. 72.
From the correspondence of E.D.Stasova and K.T.Novgorodtseva (Sverdlova); March-December, 1918. p. 85.
Maksakova, L.V. - Activities of the "October Revolution" agitation train in the midst of peasants; 1919-1920. p. 102.
Belova, N.K. - Concerning seasonal workers coming from northwestern Iran at the end of the 19th and the beginning of the 20th centuries. p. 112.
Kon, I.S. - Concerning Benedetto Croce's "historism." p. 122.
Kopanev, A.I. - "Outline history of land tenure and agriculture in the territory of Novgorod during the 14th and 15th centuries" by L.V.Danilova. p. 136.
Mavrodin, V.V, Sladkevich, I.G., Fraiman, A.L. - "Istoricheskie zapiski" of the History Institute of the Academy of Sciences of the U.S.S.R. p. 141.
Okun', S.B. - "The Decembrists' movement" by M.V.Nechkina. p. 152.
Bromlei, IU.B., Dostian, I.S., Nikitin, S.A. - "History of the peoples of Yugoslavia" [in Serbo-Croatian and Slovenian]. Vol. I. p. 158.
Evzerov, R.IA. - "History of V.I.Lenin's struggle against opportunism in the international arena; Stuttgart Congress, August, 1907" by N.Krutikova. p. 162.
Rodov, B.V. - "Outline history of the modern and recent history of Japan" by Kh.T.Eidus. p. 169.
Sivodedov, G.T. - "Germany's Young Guard; 50 years of the working youth movement" [in German]. p. 173.
Vas'kovskii, O.A., Reznikov, IU.I. - "The church and antifeudal people's uprisings in Russia" by A.M. Samsonov. p. 174.
Kakabadze, S.N. - "History of social relationships in feudal Georgia" by D.Gvritishvili. p. 176.
Ashrafian, K.Z. - "Persian documents of the State Archives of Ancient Documents affiliated with the Council of Ministers of the Armenian S.S.R. Vol. I. Decrees of the 15th and 16th centuries." p. 177.
Transactions of higher educational institutions and academic bodies published in 1955. p. 178.
Komarov, N.S. - On the history of the Lenin Institute and the Central Party Archives; 1919-1931. p. 181.
S.L. - Discussing a book on the Decembrists' movement. p. 191.
Discussion of the article "Some aspects of the history of Russian social thought." p. 195.
Brief news items. p. 198.
Koskos, D. - Memoirs and historical research in Greece. p. 199.
Rezonov, P.I., Salitan, D.E. - A military history magazine of Czechoslovakia. p. 206.
Gal'perin, A.L. - Some features of the progressive trend in the contemporary science of history in Japan. p. 213.


b) ARCHEOLOGY & ANTIQUITIES

EPIGRAFIKA VOSTOKA [EPIGRAPHY OF THE ORIENT]. Published by Leningradskoe otdelenie Instituta istorii material'noi kul'tury Akademii nauk SSSR [Leningrad Branch of the Institute for History of Cultural Materials of the Academy of Sciences of the U.S.S.R.]. Leningrad, no. II, 1956.

Table of contents translated:


Masson, M.E. - Central Asiatic river pebbles left in tombs. p. 3.
Davidovich, E.A. - The Samanids of Fergana according to numismatic data. p. 14.
Belenitskii, A.M. - Arabic inscription from Pendzhikent. p. 27.
Zhukov, V.D. - River pebble with a bilingual inscription dated 574/1178. p. 30
Giuzalian, L.T. - Inscription on a luster tile dated 624/1227 from the Kiev Museum. p. 33.
IUsupov, G.V. - The history and classification of Bulgarian-Tatar epigraphy. p. 44.
Bernshtam, A.N. - The Old Turkish runic inscriptions from Fergana. p. 54.
Rygdylon, E.R. - Podkuninskiy runic inscription. p. 59.
Masson, V.M. - Ancient Bactrian coins minted according to the type of the tetradrachm of Hellocles. p. 63.
Lipin, L.A. - New philological interpretation of a middle Assyrian legal document. p. 76.
Piotrovskii, B.B. - Urartaean cuneiform inscriptions from the 1954 excavations at Karmir-blur. p. 80.
Vorob'ev, M.V. - The circulation of money in Mancharia and the Maritime Territory [illegible] to the Mongolian invasion. p. 83.


Book reviews:


Lamdin, A.G. - "On the trail of [illegible] Arabia" [in French] by G. Ryckmans. p. 4.
Krachkovskaia, V.A. - Report on [illegible] at Jerahmho on behalf of the British [illegible] English]. Part 3. The excavations [illegible] by Leonard Woolley; the Hittite [illegible] by R.D. Barnett. p. 96.
Petrushevskii, I.P. "Ta'rikh-i [illegible] tory of Shaykh Uwais)" [in Persian] p. 97.
News items and bibliography. p. 104.
List of abbreviations. p. 107.
List of illustrations. p. 109.


SOVETSKAIA ARKHEOLOGIIA [SOVIET ARCHEOLOGY]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 25, 1956.

Table of contents translated:


Krupnov, E.I. - The life and scientific activities of A. Gorodtsov. p. 5.
Kratkov, D.A. - Dwellings of the Tripolye culture site; based on the excavations of V.A. [illegible]. p. 13.
Brusov, A.IA. - Archaeological data on the economy and life of clan-union society in the Neolithic Age; productive forces and production relations in the Bronze and Iron Ages. p. 35.
Chernyshov, V.V. - Determining the [illegible] of paleolithic objects. p. 61.
Skalon, V.N. - Reindeer stones in Mongolia and the problem of the origin of reindeer [illegible]. p. 77.
Gemilarovich, M.T. - Significance of the Tripolye statuettes of women. p. 106.
Bondar', N.N. - Trade relations of [illegible] in the 4th-1st centuries B.C. p. 124.
Solov'eva, G.F. - Unions of slavic tribes according to archaeological materials of the 8th-13th centuries a.d.; Vlatichians, Radimichians, Severians. p. 139.
Dorinkovskii, P.I. - Excavations of a paleolithic [illegible] log and grave in Kozienki II in 1953. p. 173.
Sal'nikov, K.V. - Ancient settlements of the Don based on materials from a 1949 study of the middle region of the Iret' River. p. 191.
Mukalmova, M.I. - Rhyton from Kelermes. p. 215.
Krugtikova, I.T. - Late ancient settlements [illegible] on the shore of the Sea of Azov. p. 230.
Davydova, A.V. - The Ivolginsk site; Hunnish settlements in Transbaikalia. p. 261.
Tikhanova, M.A. - The Borochitiny treasure. p. 283.
Korzukhina, G.F. - New data on the excavations on the Petrovskii estate in Kiev by V.V. Khvoika in 1913. Supplement. p. 337.
Kropotkin, V. - "Materials on the archaeology of southwestern Crimea; Chersonesus, Balaklava" [illegible] p. 345.
Molliset-Bek, L.M. - The city of Dvin and its excavations; results of archaeological studies by the expedition of the Academy of Sciences of the Armenian S.S.R. in 1937-1950 [in Armenian with summary in Russian] by K. Kafadarian. p. 349.
IAnin, V.L. - "Russian treasures of the 9th-15th centuries" by G.F. Korzukhina. p. 357.
List of abbreviations. p. 360.


## 5. SOCIAL SCIENCES

### a) COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 15, no. 11, Nov. 1956.

Table of contents translated:


Editorial: Prepare the compilation of 1956 reports in model fashion. p. 1.
Bogrukikh, P. - Unification of report indexes of supply procurement organizations. p. 5.
Lavina, L. - Shortcomings of the method for estimating production costs in the meat industry. p. 12.
Polikarpov, A. - Limiting the issue of materials constitutes a means for reducing expenditures on railroad transportation. p. 20.
Kostin, K. - Keeping records on payments to machine-tractor station workers. p. 23.
Danilov, A. - Practice in the organization of business accounting in the construction industry. p. 27.
Gavrilov, G. - Improve the organization of the supply of materials and equipment. p. 33.
Satanovskii, N. - Drawing up documents for the centralized delivery of goods in the retail trade system. p. 34.
Fedorova, A. - Use of the journal-voucher form of accounting at a retail trade enterprise. p. 38.

Kriuslin, V. - Machine accounting of maritime freight shipments. p. 37.
Accounting and control problems in construction work. p. 44.
Methods of production accounting with and without a semifinished product basin. p. 46.
Reznichenko, I., Chentsov, I. - Simplified accounts plan for industrial enterprises and instructions for its use. p. 48.
Conference on problems in the further improvement and simplification of accounting. p. 52.
Synzynys, B., Samodov, S. - "Analysis of the economic aspects of state farms" by S. I. Nedelin. p. 60.
Conference of employees of the Ministry of the Shipbuilding Industry on machine accounting and calculation work. p. 61.

NEMETSKII EKSPORT [GERMAN EXPORT]. Issued by Vneshnetorgovaia palata Germanskoi Demokraticheskoi Respubliki [Chamber of Foreign Trade of the German Democratic Republic]. Berlin, no. 12, Dec. 1956.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U. S. S. R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Editorial: Develop trade under new conditions. p. 1.
Pozina, E. - Organizing a study of demand in the consumers' cooperative. p. 6.
Buseygin, N. - How we study the demand of purchasers. p. 11.
Lozina, R. - Improve the trade in staple fabrics. p. 14.
Narbekova, E. - Trade in goods destined for industry and agriculture. p. 16.
Nazarov, R. - Level and structure of the consumption of food commodities. p. 20.
Gurevich, Kh., Rudnik, I. - More packaged goods. p. 25.
Kuznetsov, N., Shchoglov, L. - The quality of chinaware and earthenware articles. p. 27.
Preisman, G. - The fight for better types of service. p. 30.
Zykov, A. - Internal commerce in China and its socialist transformations. p. 36.
Frumin, Z., Eidel'man, M. - A new textbook on the physiology of nutrition. p. 40.
Nazarov, B. - Systematize the publication of textbooks. p. 42.
Nikol'skii, M. - Our commercial advertising. p. 44.
New trade magazine in the German Democratic Republic. p. 46.

No. 11, Nov. 1956.

Table of contents translated:

Lukushov, I. - Urgent problems for the workers of communal food serving enterprises in the Russian Federation. p. 1.
Ignatov, I. - Problems in the development of collective farm trade. p. 6.
Narkovich, O., Roizman, V. - Price fixing in communal food serving enterprises. p. 12.
Zhukova, L., Morovskaia, T. - To the interest of customers. p. 17.
Elenin, A. - Furniture that customers are waiting for. p. 20.
Khazanova-Ananieva, TS. - From the work practice of "Detskii Mir" Moscow Department Store. p. 23.
Kirsanov, N. - Organization of trade in Polish cities. p. 26.
Restaurants with self-service in Sweden. p. 31.
Pastukhov, P. - Manufacture of candied fruits. p. 32.
Efimov, V. - Perfunctory attitude in relation to progressive practice. p. 34.
Gulikov, M. - Some problems in the circulation of trade literature. p. 36.
Information of the Bureau of Workers' Inventions. p. 40.
Important event in the international cooperative movement. p. 42.
Dissertations on the problems of the economy and organization of trade. p. 44.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U. S. S. R.]. Moscow, vol. 26, no. 10, Oct. 1956. [With summaries in English.]

Table of contents translated:

Myshkov, V. - Development and consolidation of economic relations between the U. S. S. R. and Yugoslavia. p. 1.
Kutsenkov, A. - Development of economic ties between India and socialist countries. p. 6.
Zavelev, G. - Market for metal cutting machine tools in underdeveloped countries. p. 12.
Koslovskii, M. - Soviet microscopes. p. 14.
Tret'iakov, P. - Foreign trade of Egypt in 1953-1955. p. 19.
Conclusion of a long-term agreement between Rumania and Egypt. p. 24.
Export of complete industrial units. p. 24.
Liadov, I. - Pamphlet on condition and problems of Australia's foreign trade. p. 26.
Books and articles on problems of economy and foreign trade in foreign countries. p. 27.
Official department. p. 28.
English summaries of materials published in this issue. p. 31.

b) ECONOMICS

AKADEMIIA NAUK URSR, Kiev, Instytut ekonomiky. Naukovi zapysky [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Economics. Studies]. Kiev, no. 4, 1955. [In Ukrainian.]

Table of contents translated:

Romanenko, I. N. - Basic economic problems of collective farm stockbreeding in the Ukrainian S.S.R. p. 3.
Radchenko, A.IA. - Special aspects of agricultural mechanization and the use of agricultural machinery. p. 33.
Ionina, S.S. - New system of organizing and carrying out irrigation on state and collective farms in the Ukrainian S.S.R. p. 56.
Lips'kyi, V.M. - Problems in the postwar development of the sugar industry in the Ukrainian S.S.R. p. 61.
Nesterenko, O.O. - Working day in Ukrainian factories and plants at the end of the 19th century and the workers' struggle for its reduction. p. 74.
Boiko, A.O. - Relative share of government-capitalist ownership in the national economy of postwar England. p. 98.
Brief news. p. 110.

LENINGRAD. FINANSOVO-EKONOMICHESKII INSTITUT. Nauchnye zapiski [FINANCIAL AND ECONOMIC INSTITUTE. Studies]. No. 8, 1955.

Table of contents translated:

Zorin, D. D. - Struggle of the Bolsheviks in 1905 to isolate the liberal bourgeoisie in connection with the reactionary Bulygin Duma. p. 3.
Kutsentova, Z. V. - Food assessment as a very important factor in the policy of war communism. p. 26.
Gurari, G. D. - The subject of the economics of socialist industry. p. 53.
Ratner, S. D. - Improvement in the planning of working capital of industrial enterprises. p. 103.
Grunkin, M. N. - Improvement in the planning of organizational and technical measures of industrial enterprises. p. 134.
Suderevskii, I. S. - Development of specialization and changes in the standard of labor qualifications in industry. p. 149.
Ploshko, B. G. - Accounting statistics and the science of statistics. p. 158.
Zol'dovich, R. N. - Planning the production program of municipal water supply. p. 172.
Malienko-Podvysotskii, A. G. - Restoration and use of Russian canalization of the 18th century. p. 198.
Syromiatnikov, P. R. - Confusion in the interpretation of problems in the history of Russian finance of the prerevolutionary period. p. 207.

No. 9, 1955.

Table of contents translated:

Lesiuis, N. E. - The index method in K. Marx's works. p. 3.
TSeitlin, M. A. - Conventional measurements of industrial production. p. 36.
Ploshko, B. G. - Russian social and economic statistics at the beginning of the 19th century (1800-1820). p. 56.
Han San-no. - The quality of production and its importance for the national economy. p. 94.
Somikov, N. N. - Statistics in the correspondence between K. Marx and F. Engels; bibliographical information. p. 136.

No. 10, 1956.

Table of contents translated:

Gurari, G. D. - Basic problems in determining the productive capacity of enterprises in socialist industry. p. 3.
Ratner, S. D. - Problems in determining the effectiveness of funds invested in the working capital of industrial enterprises. p. 54.
Suderevskii, I. S. - The development of producers' cooperatives in Leningrad. p. 86.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Organ of Gosudarstvennaia planovaia komissiia SSSR [State Planning Commission of the U. S. S. R.]. Moscow, no. 6, 1956.

Table of contents translated:

Editorial: Increase the responsibility of planning organs for fulfilling state plans. p. 3.
Beschinskii, A., Voznesenskii, A. - Basic problems in the development of hydroelectric power in the sixth five-year plan. p. 14.
Surikov, V. - Establishing consumption norms and ways to economize on metals in the national economy. p. 29.
Gaponenko, G. - Planning and accounting for production costs on collective farms. p. 41.
Tarasov, N. - Development of light and food industries in the sixth five-year plan. p. 55.
Atlas, Z. - Planning the circulation of money. p. 68.
Korenblium, A. - Method for determining the volume of production of an industrial enterprise. p. 80.
In the Council of Technical and Economic Experts of the Soviet State Planning Commission. p. 88.
Dain, A. - Improving the organization of nonmineral building materials production. p. 92.

SBORNIK PRAVIL PEREVOZOK I TARIFOV ZHELEZNODOROZHNOGO TRANSPORTA SOIUZA SSR [COLLECTION OF REGULATIONS GOVERNING RAILROAD TRANSPORTATION AND RATES IN THE U. S. S. R.]. Issued by Ministerstvo putei soobshchenila [Ministry of Railroad Transportation]. Moscow, nos. 22, 25-26, 28, Aug.-Sep. 1956.

[PHOTOSTAT]

SPRAVOCHNIK ADRESOV PO OBMENU ZHILPLOSHCHADI [LIST OF ADDRESSES OF LIVING QUARTERS FOR EXCHANGE]. Issued by Biuro po obmenu zhilymi pomeshchenilami [Bureau for Exchange of Living Quarters]. Moscow, no. 12, Dec. 1956.

c) FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 14, no. 11, Nov. 1956.

Table of contents translated:

Editorial: The State Bank in the land of socialism. p. 3.
Kaganov, G. - Compiling a regional balance sheet of the monetary income and spending of the population. p. 8.
Ignat'ev, P., Gol'd, A. - Expanding credit relations with heavy industry. p. 23.
Levchuk, I., Lokhtsier, I. - Extending credit to plants of heavy industry to finance mechanization. p. 26.
Orlova, M. - Extending credit to industrial enterprises on the basis of the value of materials in process. p. 32.
Khankhodzhaev, T. - Control over refusal to accept. p. 36.
Smirnov, B. - For closer ties between the State Bank and financial organs. p. 38.
Kononov, D. - Progressive work methods. p. 40.
Fursov, I. - Isn't there too much auditing? p. 42.
Vainshtein, E. - Payment by means of remittances. p. 43.
Kostoglodov, V. - Economics conference. p. 44.
From our readers' letters. p. 46.
Questions and answers. p. 54.
Glikson, L. - The credit system in India (continuation). p. 56.
In the Board of Directors of the State Bank of the U.S.S.R. p. 63.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 17, no. 11, 1956.

Table of contents translated:

Editorial: Pay attention to workers' letters, petitions, and complaints. p. 3.
Levchuk, V. - Increase profitableness and economize on material expenditures in production. p. 8.
Bunich, P. - Economic importance and methods of the revaluation of fixed assets. p. 16.
Andreeov, D. - Extend business accounting in working circles and increase profits in lumbering. p. 24.
Burmistrov, D. - Prepare for tax collections and deliveries in an exemplary manner. p. 29.
Kruglov, V., Kats, L. - For basic improvement in the operation of savings banks. p. 36.
Subbotina, K. - Regularizing expenditures for maintenance of general schools. p. 48.
Dain, A. - Important means for reducing building material costs. p. 55.
Baranov, V. - Develop state insurance unremittingly. p. 62.
Stepanova, V., El'iashev, L. - Concerning the unprofitableness of producing consumers' goods at heavy-industry enterprises. p. 67.
Kutsenko, B. - Carry out continuous control over the accumulation of the factory fund. p. 70.
Ruzhin, V. - Introduce clarity. p. 72.
Dekina, E. - Control work in an Industrial Bank branch. p. 74.
IAroshevich, A. - Simplify the financing of capital

construction. p. 76.
Atroshchenko, M. - Don't become complacent as a result of achievements. p. 77.
Readers' suggestions. p. 79.
Follow-up on our material. p.84.
Mitrofanov, V. - State financial control in prerevolutionary Russia. p. 86.
In the Board of Directors of the Industrial Bank of the U.S.S.R. p. 95.

d) LABOR

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow; vol. 34, no. 12, Dec. 1956.

Table of contents translated:
Kononenko, Elena. - Good people. p. 1.
Dobrolouskaia, IU. - First snow; a story. p. 3.
Kurov, A. - The peoples rebuffed them. p. 6.
Kotler, IU., Semenov, G. - Story of a little knot. p. 7.
Our guests. p. 9.
Karbovskaia, Varvara. - Keep your word! p. 11.
IAkovlev, Al'bert. - Take a telegram! p. 13.
IAkovlev, IUrii. - Each has his own voice; verse. p. 15.
Rozhdestvenskaia, Anna. - Puzzles; verse. p. 15.
Matorin, N. - New settlers have come beyond the Polar Circle. p. 16.
Kondrat'ev, Vl. - Bankruptcy of colonialism. p. 19.
Istrin, V. - Spirits of ancestors; a story. p. 20.
Gerasimova, Valerila. - Sunny New Year. p. 22.
Klimova, M. - Three exhibitions. p. 25.
Baranchikova, M. - Notes of a social worker. p. 26.
Chebotarev, A. - Watch your children's language. p. 28.
Pershin, Aleksei. - It happened in Efremov. p. 29.
Gureva, Z. - "Calendar for women." p. 30.
Radovskaia, L. - Care of the hair. p. 30.
Useful advice. p. 31.
On New Year's Eve. p. 32.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by TSentral'nyi komitet Komunistychnae partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 32, no. 12, Dec. 1956. [In White Russian.]

Table of contents translated:
Us, Aliaksandra. - Twenty glorious years. p. 2.
On the threshold of the New Year. p. 4.
To V.I.Sharapau, chairman of the Minsk city soviet. p. 8.
Furs, IAfima. - Great reward. p. 9.
Sipakou, I. - Work ennobles man. p. 10.
Bosak, Ul. - Vitebsk silk factory. p. 11.
Bachyla, Ales'. - Alone; a narrative poem. p. 12.
Skorabahaty, V. - Outstanding propagandist of Marxism; on the centennial of G.V.Plekhanov's birth. p. 15.
Melkikh, Z. - V.G.Korolenko; on the 35th anniversary of his death. p. 16.
Shyshkin, I. - Land of legendary riches. p. 17.
Muraveika, M. - Verse. p. 19.
A conversation with Maria IAhorauna and Katsia, her daughter. p. 20.
Ryskind, R. - Protect your children against sore throat. p. 22.
Marinated fish. p. 23.
Roasted geese and ducks with apples. p. 23.
Vanilla cake. p. 23.
Fashions. p. 24.

LABOR]. Issued
itrov SSSR po
Committee
bor

Birbrover, V. - Hourly bonus wages for heat-treatment workers. p. 78.
Roshal', D. - Creating conditions for the mass introduction of progressive practice. p. 81.
Shchepkin, A. - Studying the labor organization of related enterprises. p. 84.
Poroshin, I. - Improving the equipment and sanitation of the work area. p. 88.
Bakharev, V., Trotanovskii, V. - Effective method of ventilating and heating industrial buildings. p. 91.
In ministries and departments. p. 93.
Kovalev, F. - Guests of Chinese textile workers. p. 99.
Peterson, B. - Labor reserves in a seasonal industry. p. 102.
Burov, I. - Regularize wages in road construction. p. 104.
Gushchenko, N. - Bonuses obtained as a result of the All-Union Socialist Competition. p. 106.
Lifshits, L. - Centralize loading and unloading points at stations. p. 108.
From the editor's mail. p. 110.
Loktev, V. - Studying the problem of increasing labor productivity at the Economics Institute of the Academy of Sciences of the U.S.S.R. p. 115.
Sergeev, A. - Necessary book on the establishment of work norms in machine building. p. 121.
Subbotin, V. - A bonus for the entire plant in French industry. p. 125.

VIL'NYI UKRAINS'KYI ROBITNYK [THE FREE UKRAINIAN WORKER]. Organ of Ukrains'kyi viddil Profesitnoho Soiuzu Fors Uvrilier [Ukrainian Section of the General Confederation of Labor-Force Ouvriere]. Paris, vol. 5, nos. 11(56)-12(57), Nov.-Dec. 1956. [In Ukrainian.]

e) SOCIOLOGY

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Otdel kazach'oi gruppy v N'iu Iorke [New York Branch of the Cossack Group]. New York, no. 48, Feb. 1957.

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Antifashistskii komitet sovetskikh zhenshchin and Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [Anti-Fascist Committee of Soviet Women and of the All-Union Central Council of Trade Unions]. Moscow, vol. 12, no. 12, Dec. 1956.

Table of contents translated:
Guro, Irina. Meeting life; excerpt from a tale. p. 2.
Turichina, I., Petkova, I. - December out of doors; a photosketch. p. 6.
Khmel'nitskaia, A. - Unmailed letter. p. 11.
Statement by the Soviet government on the problem of disarmament and the lessening of international tension. p. 14.
Pritt, Mary. - A letter from England. p. 17.
The truth about Hungary. p. 17.
Stanovov, A. - Honored physician; reportage. p. 21.
The bookshelf. p. 21.
Tarasevich, V. - Frosty morning; photosketch. p. 23.
Gramzova, I., Gankin, M. - We enjoy old age. p. 26.
Iof'ev, M. - Tale of tales. p. 28.
Wheatly, Monica, and others. - Yes, women in the Soviet Union enjoy equal rights; statements of participants in the international seminar "Equal rights for women of the U.S.S.R." p. 31.
Francisco Rojas Gonzales. - In the village of Quivilquinta; a story. p. 36.
Oganesian, M. - Meeting old acquaintances. p. 41.
Fashions. p. 42.
Kamala Ratnam. - "TU-104" over the Himalayas. p. 45.
Cordiality from all the people; Italian women on the Soviet Union. p. 46.

## 6. POLITICAL SCIENCE

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Organ of Otdely propagandy i agitatsii Moskovskogo komiteta i Moskovskogo gorodskogo komiteta Kommunisticheskoi partii Sovetskogo Soiuza [Propaganda and Dissemanation Sections of the Moscow Committee and the Moscow City Committee of the Communist Party of the Soviet Union]. Moscow, no. 34, Dec. 1956.

Table of contents translated:
Khmirov, G. - Introduction of technical norms is in the interest of all workers. p. 1.
Vladimirov, V. - Let's not decrease the milk yield even in winter. p. 10.
IAnushevskii, I. - Fight drunkenness. p. 16.
Murlev, D. - Historical victory of the Soviet army over the German fascist usurpers near Moscow. p. 27.
Tikhonov, G. - Inviolable friendship of the peoples of Czechoslovakia and the U.S.S.R. p. 41.

No. 35, Dec. 1956.

Table of contents translated:
IUr'eva, K. - Building houses with one's own hands. p. 1.
Sokolova, I. - Advances and additional wages on collective farms. p. 8.
Glorious feats of partisans of the Moscow region. p. 20.
Moscow during the Great Patriotic War. p. 26.
Through the pages of newspapers and periodicals. p. 29.
Kozlovskii, IU. - Algeria. p. 34.
Babaiants, S. - Discussion evenings on collective farms. p. 41.
Brief news on agitation work. p. 48.

BOR'BA [THE STRUGGLE]. Organ of Soiuz bor'by za osvobozhdenie narodov Rossii [Union of the Struggle for the Liberation of the Peoples of Russia]. Munich, vol. 10, no. 2(47), Dec. 1956.

CHASOVOI [THE SENTRY]. Organ of Rossiiskoe natsional'noe dvizhenie [Russian National Movement]. Brussels, no. 372(1), Jan. 1957.

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 33, no. 15, Oct. 1956.

Table of contents translated:
Editorial: The cause of October lives and is victorious. p. 3.
Alekscev, F., Trifonov, V. - Outstanding event in the life of the Chinese people and the international Communist movement. p. 13.
Gleserman, G. - Moral and political unity of socialist society and the obliteration of class differences. p. 28.
Golikov, G. - Development of the history of the October revolution. p. 44.
Polianskii, D. - Improve the direction of agriculture. p. 59.
Kuznetsov, M., Luidin, IU. - Freedom of artistic creation. p. 74.
Petrov, M. - Military preparations of the United States in the Pacific. p. 90.
Senin, N. - Theory of capitalism "turning into" socialism and the facts. p. 100.
Tiurin, M. - Recollections about Lenin. p. 109.
Mikheev, V. - Americans on their own country. p. 116.
Sokolov, T., IUr'ev, N. - For objective reasoned criticism. p. 123.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 30, no. 12, Dec. 1956. [In Kirghiz.]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 29, no. 11, Nov. 1956.

Table of contents translated:
Editorial: Reports and elections in White Russian party organizations. p. 2.
Vasil'ev, IU. - Georgii Valentinovich Plekhanov. p. 9.
Bychkov, P. - Using the methods of persuasion. p. 19.
Korobtsov, V. - Communists help a collective farm overcome its lag. p. 22.
Vlasov, E. - Increase the role of meetings dealing with production. p. 28.
Korpus', F., and others. - Call to order the violator of collective farm statutes. p. 33.
Serebrov, V. - Improvement in the organization of production is an important condition for increasing labor productivity. p. 35.
Zuev, M., Senchuk, V. - Lower production costs on agricultural products systematically. p. 41.
Solodkov, T. - White Russian Bolsheviks during the years of the new revolutionary upheaval (1910-1914). p. 48.
How party organizations supervise the work of the collective farm executive board. p. 59.
Advise or oblige? p. 60.
Grigor'ev, V. - Pages of a great life. p. 61.
Shevchuk, N., Zakharchenko, N. - For militant and purposeful scientific-educational periodicals. p. 67.
Maksimov, I., Napreev, G. - Economic subjects in newspapers. p. 71.
Brief party news. p. 77.
Follow-up on materials printed in "Kommunist Belorussii." p. 80.

Vol. 29, no. 12, Dec. 1956.

Table of contents translated:
Editorial: Don't be content with attained successes, increase our achievements in agriculture. p. 2.

Kozlov, V. - Invigorating force of Soviet democracy. p. 9.
Parfent'ov, V. - Active party members study Marxist-Leninist theory. p. 19.
Proksha, I. - When the selection and training of party members are bad. p. 26.
Landarskii, S. - Strictly observe regulations of the agricultural artel. p. 32.
Merygin, S. - Policy of thrift is the basic method for management. p. 35.
Manin, IU. - Disintegration of the imperialist colonial system. p. 41.
Zel'tser, B. - Wall newspaper on a collective farm. p. 50.
Veduta, N. - Literature on progressive practice in White Russian industry. p. 56.
Brief news about books. p. 61.
In the Central Committee of the Communist Party of White Russia. p. 63.
Party news. p. 66.
Follow-up of material printed in "Kommunist Belorussii." p. 66.
Index of documents, materials, and articles printed in "Kommunist Belorussii" in 1956. p. 69.

KOMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 29, no. 12, Dec. 1956. [In White Russian.]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Izdatel'stvo [Publishing House] "Znanie." Moscow, no. 10, Oct. 1956.

Table of contents translated:

The spirit of the times, its friends and enemies. p. 3.
On the eve of the 11th session of the U.N. General Assembly. p. 9.
Andreev, G. - Who prevents a solution of the disarmament problem. p. 14.
Tankin, G. - It is time to restore China's representation in the U.N. p. 25.
Mishin, D. - Atomic energy in the service of the people. p. 35.
Korionov, V. - Problems in present-day America. p. 42.
Popov, A. - Present-day Malthusians are apologists for the policy "from a position of strength" and colonialism. p. 56.
Anatol'ev, G. - The transition from capitalism to socialism by parliamentary means. p. 66.
Lazarev, M. - Violation of peoples' sovereign rights. p. 77.
Kommentator. - Avoid the repetition of fatal mistakes. p. 89.
Pavlov, F. - The Mongolian People's Republic in the struggle for peace and international cooperation. p. 94.
Nakropin, O. - Propagandistic maneuver of the enemies of German unity. p. 100.
Evseev, A. - When the fog lifts. p. 103.
International events (September, 1956):
New defeat of the American policy "from a position of strength." p. 107.
The 11th session of the World Federation of United Nations Associations. p. 109.
Meetings of the executive and central committees of the International Cooperative Alliance. p. 109.
Strengthening cooperation between Czechoslovakia and the German Democratic Republic. p. 110.
New force in Britain. p. 112.
Britain and Malta. p. 113.
Confused leaders of N.A.T.O. p. 114.
Development of Soviet-Indonesian economic relations. p. 116.
Raging of racists in the U.S. p. 117.
Elections in Sweden. p. 118.
Worsening of the economic condition of French workers. p. 119.
Economic achievements of North Vietnam. p. 121.
Anti-American feeling in Thailand. p. 122.
The unification of Italian socialist parties. p. 124.
Declarations and facts. p. 125.
Seven years of the German Democratic Republic. p. 127.
Correspondence between the U.S.S.R. and the U.S. on the atomic problem. p. 129.
Results of the Geneva conference on writing a supplementary convention on the abolition of slavery. p. 149.
Book review. p. 150.

No. 11, Nov. 1956.

Table of contents translated:

Realism and adventurism in politics. p. 3.
The U.N. and the current international situation. p. 10.
Romanov, Al. - Indissoluble ideological unity of communist parties. p. 10.
Korovin, E. - Respect for sovereignty is a firm principle of Soviet foreign policy. p. 27.
Alekseev, A. - Economic competition of two world systems. p. 38.
Madzoevskii, S. - The current political situation in Great Britain. p. 50.
Molchanov, N. - The Suez problem and the crisis in the Atlantic bloc. p. 60.
Adilbiah, D. - For friendship and international cooperation. p. 70.
Kommentator. - Normalization of Soviet-Japanese relations. p. 73.
Leont'ev, B. - France in 1956. p. 83.
Gerasev, N. - Revival of German monopoly capital and the remilitarization of West Germany. p. 92.
Aleksandrov, N., Kondrat'ev, V. - The Cyprus question. p. 99.
Davydov, D. - Wishful thinking and reality. p. 104.
International events (October, 1956):
For the abolition of nuclear weapon tests. p. 109.
Washington and Latin America. p. 111.
Conflict over territorial waters. p. 111.
Moscow seminar. p. 113.
Talks in Bonn. p. 113.
Myth of American "anticolonialism." p. 117.
Britain and the "common market." p. 117.
New forms of cooperation. p. 118.
Movement to aid contacts between the German Democratic Republic and the German Federal Republic. p. 120.
Policy of blackmail. p. 121.
Split in the Radical Party. p. 122.
Reorganization of the West German government. p. 123.
Soviet-Afghan friendship. p. 125.
Jordan's new parliament. p. 126.
Mikason, I. - Under the banner of the "cold war." p. 128.
Kotkovskii, IA., Rymalov, V. - Economic situation and prospects of present-day capitalism in Professor Myrdal's evaluation. p. 135.
Glushkov, V. - "State-monopoly capitalism". p. 139.
Khmel'nitskaia, E. - "Behind the scenes of West German 'prosperity'." p. 143.
Book reviews. p. 148.
The negotiations between the Chinese People's Republic and Nepal. p. 154.
Negotiations on an internal settlement in Laos. p. 158.

MOLODEZH' MIRA [WORLD YOUTH]. Published by Vsemirnaia federatsiia demokraticheskoi molodezhi. [World Federation of Democratic Youth]. Moscow, no. 10, 1956.

Table of contents translated:

Birch, K. - The United Nations and youth. p. 1.
Kutta, Ch. - Operators of automatic lines or unemployed? p. 2.
Our mail. p. 4.
Johnson, P. - The UN meets here. p. 5.
Special mission. p. 6.
Volodin, L. - What do you know about UNESCO? p. 8.
Information about UNESCO. p. 9.
Taylor, J. - Girls in the Olympics past and present. p. 10.
Lisitgurskii, R. - Two great goals for athletes: Melbourne and Moscow. p. 11.
How the world was created. p. 11.
Ayala, Carmen. - Outstanding master of Mexican movies. p. 12.
Potter, L. - Operation 1000. p. 14.
Answers to our questionnaire. p. 16.
Check, Ben - Parliament of Canadian youth. p. 17.
Macher, Heinz-Wolfram. - An answer to Derek Stone. p. 18.
Ribeiro, S. - Brazil's youngest dancers. p. 19.
Barreto, B. - Youth devoid of youthfulness. p. 20.
Savaris, A. - Toward new successes. p. 21.
Resolutions of the Council of the World Federation of Democratic Youth. p. 22.
What is it. p. 24.
Madzoevskii, S. - The current political situation in Great Britain. p. 50.
Molchanov, N. - The Suez problem and the crisis in the Atlantic bloc. p. 60.
Adilbiah, D. - For friendship and international cooperation. p. 70.
Kommentator. - Normalization of Soviet-Japanese relations. p. 73.
Leont'ev, B. - France in 1956. p. 83.
Gerasev, N. - Revival of German monopoly capital and the remilitarization of West Germany. p. 92.
Aleksandrov, N., Kondrat'ev, V. - The Cyprus question. p. 99.
Davydov, D. - Wishful thinking and reality. p. 104.
International events (October, 1956):
For the abolition of nuclear weapon tests. p. 109.
Washington and Latin America. p. 111.
Conflict over territorial waters. p. 111.
Moscow seminar. p. 113.
Talks in Bonn. p. 113.
Myth of American "anticolonialism." p. 117.
Britain and the "common market." p. 117.
New forms of cooperation. p. 118.
Movement to aid contacts between the German Democratic Republic and the German Federal Republic. p. 120.
Policy of blackmail. p. 121.
Split in the Radical Party. p. 122.
Reorganization of the West German government. p. 123.
Soviet-Afghan friendship. p. 125.
Jordan's new parliament. p. 126.
Mikason, I. - Under the banner of the "cold war." p. 128.
Kotkovskii, IA., Rymalov, V. - Economic situation and prospects of present-day capitalism in Professor Myrdal's evaluation. p. 135.
Glushkov, V. - "State-monopoly capitalism". p. 139.
Khmel'nitskaia, E. - "Behind the scenes of West German 'prosperity'." p. 143.
Book reviews. p. 148.
The negotiations between the Chinese People's Republic and Nepal. p. 154.
Negotiations on an internal settlement in Laos. p. 158.

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 14, no. 11, Nov. 1956.

Table of contents translated:

Editorial: Since that October forty years have gone by. p. 3.
Krzhizhanovskii, G.M., and others. - Be worthy of Lenin's followers; a letter by old Bolsheviks. p. 8.
Sokolov, E. - Basis of democratic centralism in the Communist Youth League. p. 12.
Shafir, M. - Great strength of the Soviet system. p. 21.
Alferov, V. - Let us build a cultural life on virgin lands. p. 31.
Shakirzianova, D. - Defend the economic rights of youth. p. 39.
Carry out successfully the exchange of Communist Youth League documents. p. 44.
Sinaiskaia, V. It happened in Kolomna. p. 47.
Il'in, Mikh. - Our North. p. 52.
Lunev, N. - Young builders of the Bratsk Hydroelectric Power Station. p. 62.
Matafonov, M. - With Communist Youth League members of the Transbaikalia region. p. 66.
Preparing for the Sixth World Youth Festival: Cooperation! Peace! Our questionnaire and answers by P. Johnson and others. p. 69.
Belousov, A. - This is where our work is. p. 82.
Domashenko, K. - Communist Youth League members of a workshop. p. 86.
Voskresenskaia, M. - Affairs and people of a great construction project. p. 89.
Gorodetskii, E.G. - Let us calculate the cost of collective farm production. p. 95.
Kravchenko, A. - Youth should know the economics of production. p. 102.
Guzhov, A. - Creative activity of students. p. 104.
Riabinina, A. - Closer to life. p. 106.
Geguzin, S. Bondarenko, P. - Undiscovered approach. p. 109.
Pavlenok, B. - Boasting and conceit. p. 112.
From our readers' letters:
Manuilov, N. - Talk with youth. p. 116.
Belov, A. - Study of economics at the factory. p. 117.
Ivanin, G. - Festival in the village of Petrovka. p. 118.
A review of youth newspapers:
Number devoted to the Golodnaya Steppe in the "Komsomolets Uzbekistana." p. 119.
Economics evening reported in the "Komsomol'skoe Znamia" of Tambov. p. 119.
Communist Youth League news. p. 120.
Follow-up on our articles. p. 121.
Mlynek, A. - "Recollections about V. I. Lenin." p. 122.
Brief book reviews. p. 127.

PARTIINAIA ZHIZN' [PARTY LIFE]. Published by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 19, Oct. 1956.

Table of contents translated:

Editorial: Party democracy and leadership. p. 3.
Ignatov, N. - Problems in industrial supervision. p. 9.
Korobova, P. - Independent nature of cultural and educational work of trade unions. p. 20.
Instructive judgement. p. 28.
From talks about current interests. p. 30.
Novosel'skii, P. - What is shown by state grain procurement work. p. 30.
Kuz'minov, I. - Chronic mass unemployment in the postwar period. p. 37.
Zlobinskaia, A. - At a leading pit. p. 47.
Kostin, I. - Sincere man. p. 51.
Zaldrov, R. - Don't avoid personal responsibility. p. 55.
TSaregradskii, I. - Party organizations and libraries. p. 58.
Nenartovich, R. - Disregarding public opinion. p. 61.
Report of the secretary of the party organization. p. 63.
In the thick of life. p. 67.
The mark of a director. p. 69.
Discussions and decisions. p. 70.
Vorontsov, V. - A book about Communist education. p. 71.
Party news. p. 79.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 20, no. 2(869), Jan. 1957.

SLAVIANE [THE SLAVS]. Organ of Slavianskii komitet SSSR [Slavic Committee of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

Table of contents translated:

Glory to the Great October. p. 4.
Burlatskii, F. - Soviet democracy and its further development. p. 7.
Boev, B. - Dawn of socialism and freedom. p. 11.
Golub, P. - Polish revolutionary army under the banner of October (to be concluded). p. 17.
Nalakshin, K. - Czechoslovak communists in the struggle against the counterrevolution in 1918 in the Volga Valley. p. 23.
Lukov, L. - A film about Olenko Dundić. p. 27.
Borov, T. - Soviet fiction in Bulgaria. p. 30.
Saianov, V. - The city of Lenin. p. 36.
Devet'iarov, K. - Siberian land. p. 41.
Vir, John. - A month among the people who march toward the sun. p. 48.
Ivanov, N. - Yugoslav guests on the "Rossiia" Collective Farm. p. 54.
Gogina, K. - The Great October and the liberation struggle of the Czechoslovak people. p. 57.
Mironenko, A. - A periodical of German Slavists. p. 60.
Friendship evening of the Polish and Soviet peoples. p. 61.
New documents about IAkub Kolas. p. 61.

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party]. New York, vol. 37, no. 1(701), Jan. 1957.

SVOBODA. FREEDOM. Organ of TSentral'noe ob"edinenie poslevoennykh emigrantov iz SSSR [Central Association of Postwar Refugees from the U.S.S.R.]. Munich, vol. 6, no. 1(55), Jan. 1957.

ÚZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Organ of the Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 29, no. 12, Dec. 1956. [In Uzbek.]

V ZASHCHITU MIRA [IN DEFENSE OF PEACE]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 65, Oct. 1956.

Table of contents translated:

Cot, Pierre. - Law or force. p.1.
Oldroyd, Max. - Vietnam today. p.11.
Viala, Pierre. - Notes of an actor. p.19.
Verdier, Jean. - From robot foreman to automatic engineer. p.23.
Hincker, Michel. - Automation is a new and bold step forward. p.32.
Dalet, J. - Esperanto? p.44.
Jacometti, Alberto. - "Under a spell." p.51.
Marzellier, Françoise. - "War of the mammoths" at Rouffignac. p.60.
Hoa, Leon. - Thoughts of a Peking architect. p.65.
Cinerama. p.73.
Andrievskii, Aleksandr. - Stereoscopic movies. p.74.
Popovskii, Mark. - When a doctor dreams. p.78.
Charles, J., Howland, G.A. - The genuine and the false gipsies. p.84.
Holodenko, Il'ia. - Singing France. p.90.
Bradbury, Ray. - How they met. p.94.
Boyer, Joseph. - History of chess. p.107.

ZNAMIA ROSSII. THE BANNER OF RUSSIA. Organ of Russkaia nezavisimaia monarkhicheskaia mysl' [Russian Independent Monarchistic Thought]. New York, nos. 151-152, Jan.-Feb. 1957.

## 8. EDUCATION

### a) GENERAL

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 17, no. 11, Nov. 1956. [In Ukrainian.]

Table of contents translated:

Under the banner of the Great October. p.1.
IEvtukhov, H. - Extend the pedagogical qualifications of kindergarten personnel. p. 5.
Sukhenko, IE. - Features of exercises in the Ukrainian language in the lower grade. p. 9.
Zakharova, V. - Some problems in teaching children to paint. p. 14.
Chornyi, V., IAtsenko, P. - Vocation. p.18.
Ozolin, I. - For life. p. 20.
Horbuntsova, T. - At the kindergarten no. 10 in Chernovtsy. p. 22.
Alybina, H., Kobozieva, V. - The paths to mastership. p. 23.
Nedil'ko, V. - At a collective farm institution for children. p. 25.
Kal'tsyna, S., Sakovych, K. - The kindergarten on the Kalinin Collective Farm. p. 27.
Levina, H. - Why did I start to like teaching. p. 29.
[illegible]
ildren. p. 35.
ve. p. 36.
ka, I. - The festi-
ntermediate grade.
nts. p. 47.
chool personnel.

of the assault in September and October, 1917. p. 3.
Skliarov, L.F. - Groups of the poor in the fight preparing for complete collectivization. p. 31.
Skliarov, L.F. - Strengthening of the village soviets in the leading grain-growing districts during the period 1929-1931. p. 59.
Kozhukhov, IU.V. - Landowning agriculture in the central farming region of Russia during the years of crisis of the landowning system. p. 87.
Bernadskii, V.N. - The social division of work and feudal rent in 15th century Novgorod. p. 117.
Laptev, V.V. - The Voskresensk Chronicle. p. 165.
Smirnova, T.P. - The strike movement and the struggle for the right of general elections in Germany at the time of the Russian Revolution of 1905-1907. p. 241.
Zhuravleva, L.N. - Partisan war of the Burmese people against the English occupiers in 1885-1886. p. 273.
Levin, G.R. - The second civil war in England and the Levelers. p. 313.
Avdeeva, K.D. - Struggle for the common lands in 13th century England. p. 341.
Motus, A.A. - The social and political views of Cicero. p. 369.

Vol. 125, 1956, Fiziko-matematicheskii fakul'tet [Physicomathematical Department].

Table of contents translated:

Terminasov, IU.S., Tuzov, L.V. - X-ray analysis of second and third-type residual strains in the deformed surface zone of metals machined by milling. p. 3.
Mamontov, E.A. - X-ray analysis of steel fatigue. p. 31.
Terminasov, IU.S., IAkhontov, A.G., Poltavskii, A.V. - X-ray analysis of the quality ground and finish-turned metal surfaces. p. 49.
Kosman, M.S., Shevardin, A.N. - Curie point of seignette salt. p. 55.
Sozina, A.N. - Transverse electric field technique for investigating polarization in seignette salt. p. 65.
Sozina, A.N. - Pulse technique for investigating the electric properties of seignette salt. p. 73.
Andronikov, V.V. - Characteristic errors in representing magnetic fields made by some authors of physics textbooks. p. 85.
Vulikh, B.Z. - Boolean dimension. p. 95.
Merkin, D.R. - Sufficient conditions for asymptotic stability of a nonlinear system. p. 115.
Liubovin, V.D. - K-spaces of bounded self-conjugate operators. p. 119.
Bokhan, K.A. - On a nonlinear functional in "Č." p. 157.
Kislitsyn, S.G. - Helical binors and their applications. p. 165.
Kislitsyn, S.G. - Determining the position of some three-dimensional mechanisms. p. 189.
Skvortsova, M.G. - Some new theorems on the transformation of Fourier's series using multipliers. p. 197.
Kotov, V.F. - Application of helical computations to the addition and factoring of motions of solid bodies. p. 207.
Spasskii, R.A. - Transformation of equations related to automatic control systems. p. 217.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

[illegible]: For broad initiative in school matters. p. 3.
raining teachers to teach several sub-
the work of the district department
ion in Smolenskoye District was
chool groups. p. 18.
in contact with industry is a matter
cern. p. 19.
a program necessary for personal
e of traditions in training the stu-
A., Prokof'eva, A. - The tran-
ie fourth and fifth grades. p. 33.
mproving teachers' qualifications.
I. Vodovozov on the principle of
. p. 41.
ducting a course of practical work
achines. p. 45.
l carpentry workbenches. p. 50.
he school. p. 52.
people's China. p. 53.
oreign press. p. 55.
Broadening children's technical
itment of education in the period-
shkola." p. 69.

The bookshelf. p. 71.
Read it yourself and recommend it to a friend. p. 72.
In the Ministry of Education of the R.S.F.S.R. p. 73.
Marguilis, D. - Academic conference on general technical education. p. 74.
Good initiative, useful deeds. p. 77.
Memorable dates. p. 79.

No. 11, Nov. 1956.

Table of contents translated:

Editorial: Triumph of the ideas of the Great October Socialist Revolution. p. 3.
Afanas'enko, E. - Overcome completely the consequences of the cult of the individual in [illegible] work. p. 11.
Tiutin, A. - How technical educational [illegible] resolved in two provinces. p. 16.
Balkarov, B. - Public education in Balkaria. p. 21.
Il'in, V. - Notes of a boarding school director (to be continued). p. 30.
Egorov, I. - Work practice in a Kuibyshev [illegible] school. p. 40.
Sakson, A. - Greeting the anniversary of the Great October Socialist Revolution. p. 53.
Motion pictures in the school. p. 56.
Demidov, S. - Young floriculturists. p. 57.
Naidin, V. - Conference on the choice of [illegible] p. 58.
Lisov, A. - Student practical work on collective farms. p. 60.
Ivanova, A. - Extracurricular work in the [illegible] seven-year school. p. 62.
A glance at the foreign press. p. 64.
Kasvin, G., Piskunov, A. - Interesting [illegible] history of education [in Chechn. p. 65.
Parshina, Z. - A useful book for [illegible] p. 69.
Read it yourself and recommend it to a friend. p. 71.
Bookshelf. p. 72.
In the Ministry of Education of the R.S.F.S.R. p. 73.
Council of the Leningrad Province Department of Public Education. p. 75.
Good initiative and useful deeds. p. 77.
Memorable dates. p. 79.

NOVYI SVIT; zhurnal prysv"iachenyi ukrains'kii studentstvi [illegible] dents'kii problematytsi [THE NEW WORLD; a magazine devoted to the Ukrainian student's problems]. Philadelphia, nos. 1-2, 1954-1955. [In Ukrainian.]

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. [illegible] by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 11, no. 12, Dec. 1956.

Table of contents translated:

For close collaboration between teachers and parents. p. 1.
Rubinshtein, S.IA. - How to eradicate harmful habits (conclusion). p. 4.
Gol'fan, E. - Games to develop attention. p. 8.
Gonobolin, F. - Life is an exploit. p. 8.
Demina, A. - Sons. p. 10.
Valuable beginning of the "Trekhgornaia Manufaktura" combine. p. 11.
Stepanenko, Vladimir. - Early in the morning. p. 14.
Afanas'eva, D. - The force of parents' influence in school affairs. p. 15.
Strel'chuk, I. - Alcohol is health's worst enemy. p. 17.
Akkonazy, Ludvik. - Finch. p. 19.
A pensioner's family. p. 20.
Savchenko, G. - Jack London. p. 21.
London, Jack. - The hobo and the fairy. p. 22.
Shishakov, V. - How time is measured. p. 35.
Orolva, E. - Holiday of the New Year's tree. p. 37.
Readers' letters. p. 39.
Pashchenko, N. - In the new schools of Sweden and Denmark. p. 42.
Cooking for children. p. 33.
Useful advice. p. 33.
Gol'tsev, V. - Quality and variety. p. 34.
Zagornyi, Mikhail. - The fruits of family [illegible] ment." p. 36.
Index of articles in "Sem'ia i shkola" in 1956. p. 37.
Brief news. p. 40.

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 20, no. 12, Dec. 1956.

Table of contents translated:

Zankov, L.V. - Methods of educational research. p. 3.
Sofronov, D.I. - The methodology of moral education. p. 14.
Ivanov, I.P. - Initiative and competition in the work of a Pioneer organization. p. 26.
Bendrikov, K.E. - Public education in Turkestan (1918-1920). p. 36.
Shil'nikova, M.E. - The work of Paul Robin at the Prevost Orphanage. p. 51.
Kostiuk, G.S. - The relationship between a child's training and development. p. 60.
Perovskii, E.I. - The problem of method in teaching. p. 75.

Kobyllanskii, K.V., Kasvin, G.A. - School reform in Italy. p. 91.
Bernshtein, M.S. - About the book "The new era in education" [in English] by I.Kandel. p.103.
New books. p.113.
In the Ministry of Education of the R.S.F.S.R.:
Seminar of directors of institutes for the advanced training of teachers. p.117.
A pedagogical institute's relation with schools and its assistance to teachers. p.121.
Organizing students' practice work in agriculture. p.122.
Index of articles in "Sovetskaia pedagogika" during 1956. p.124.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol. 14, no. 11, Nov. 1956.

Table of contents translated:

Improve the teaching of social sciences in the institutions of higher learning. p. 1.
Glinkov, M.A., Kaganov, V.IU. - Training specialists in the automatization of metallurgical production. p. 5.
For high requirements in the certification of academically qualified personnel:
Nekrasov, B.V. - The award of an academic degree is a recognition of scholarly qualification; remarks by the chairman of the board of review. p. 9.
Why ten dissertations for the degree of candidate were turned down. p. 12.
Sharutin, S.V. - Improve the organization of political economy teaching for correspondence students. p. 16.
Usov, O.S. - Aid for national minority students. p. 20.
A real help for teachers and students; survey of articles on study seminars. p. 22.
The readers conduct a discussion:
Burov, D.I., and others. - Substantially improve the organization of higher agricultural education. p. 26.
Achorkan, N.S., and others. - Phases in the teaching of the course "Machine parts." p. 35.
Pavlenko, G.L. - Scope and content of the course "Strength of materials." p. 41.
Zinov'ev, S.I. - Industrial training continues to lag. p. 44.
Ivanovich, K.A. - Timiriazev Academy students in the fight for the harvest on virgin lands. p. 46.
Experience and proposals:
Antipin, L.N. - Diploma research projects. p. 52.
Shafibekov, A.B. - Practical laboratory projects in the field of chemistry. p. 53.
Belousov, O.V. - Correlation between the teaching of the department of law and practice. p. 54.
Kubsov, B.V. - New educational films. p. 55.
In the Ministry of Higher Education. p. 56.
Neiman, L.R. - Higher technical education in Sweden. p. 57.
Golikova, Z.F., Loginov, A.E. - A successful manual; "Methods of teaching chemistry." p. 60.
New publications by institutions of higher learning. p. 62.
Brief news. p. 63.
Follow-up of materials in "Vestnik vysshei shkoly." p. 64.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 32, no. 11, Nov. 1956.

Table of contents translated:

Sverdlova, K. - October days. p. 2.
Mukhtar-Londarskii, M. - Soldiers of the revolution. p. 4.
Florovskii, I. - Power to the Soviets. p. 6.
Mal'kov, P. - Smol'nyi Institute, headquarters of the Revolution. p. 8.
Roshal', M. - Night in Gatchina. p. 10.
Kosarova, N. - The year ahead. p. 11.
Kirshina, K. - History of a correspondence. p. 13.
Lazurovich, L. - There is nothing dearer. p. 16.
The school year is approaching. p. 18.
IAkovleva, A. - We are friends. p. 20.
A word to Olympic athletes. p. 23.
Nemukhin, A. - Skiing requires persistence. p. 25.
San'ko, G., Il'icheva, I. - Kaluga boarding school no. 1; a photosketch. p. 28.
Volgina, T. - Zoia's portrait; a song. p. 30.
Davidovich, L., Dragunskii, V. - Take hands; a song. p. 31.
Korostylov, V., L'vovskii, M. - Shura and IUra; a dialogue. p. 33.
Lifshits, V. - Magic calendar; a New Year's play. p. 37.
Stanchev, Luchezar. - The chimney; verse. Translated from the Bulgarian by N.Voitkevich. p. 41.
Bakaldin, V. - Dimka, the doctor; a play. p. 42.
Glazkov, N. - About an expert; verse. p. 44.
Rashidov, Rashid. - Khalid's tongue; verse. Translated from the Dargwa by IA.Kozlovskii. p. 44.
Martynov, V. - New Year's waltz; a song. p. 45.
Boiko, G. - Santa Claus' adventure; verse. Translated from the Ukrainian by A.Khmelik. p. 46.
Strunin, V. - At the New Year's celebration. p. 47.
Svetinskaia, V. - Carnival polka. p. 50.
Magnitskaia, L. - Carnival costumes. p. 51.
Genov, G. - Tricks. p. 54.

VSEMIRNYE STUDENCHESKIE NOVOSTI [WORLD STUDENT NEWS]. Issued by Mezhdunarodnyi soiuz studentov [International Student Association]. Moscow, vol. 10, no. 9/10, Sep.-Oct. 1956.

Table of contents translated:

Readers' page. p. 1.
Godel, Vahé. - "Man amongst men." p. 3.
Students helped to fight floods. p. 4.
Vitale, Bruno, Rivadeneira, Jorge. - Festival. p. 5.
They played ping-pong on the streetcar tracks. p. 6.
Mustari, Ibnu. - Bandung Conference. p. 8.
C.M. - Steinlen. p. 11.
Monterroso, Augusto. - The work of Leopoldo. p. 12.
Congress mirror. p. 14.
Sunday horse races. p. 24.
An Indian in South America; Brazil and Uruguay. p. 26.
At a meeting in Dubrovnik. p. 27.
Algerian students strike. p. 27.
Ninth Congress of the All-Japanese Federation of Student Autonomies. p. 28.
Conference of the Federation of Indian Student Societies in the United Kingdom. p. 28.
New countries represented at the Leningrad seminar. p. 29.
Paris in the summer. p. 29.
"Visit the romantic ruins of the University." p. 30.
Science and technology. p. 31.
Markowicz, Romain. - Yugoslavia needs a "Marty." p. 32.
Calo, Vincenzo. - Warm wind in Greece. p. 34.
Markowicz, Romain. - What's new. p. 36.

## b) PHYSICAL EDUCATION & GAMES

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 11(18), Nov. 1956.

Table of contents translated:

Sadovskii, V. - Achievements of hurdlers must be higher. p. 2.
Kozlovskii, P. - Walking contests. p. 5.
Vystavkin, N., Siniiskii, Z. - Planning sports training. p. 7.
Markov, D. - Instruction in discus throwing technique. p. 9.
Evtushenko, V. - Working out educational and training plans. p. 12.
How to train to become a first class athlete in 800- and 1500-meter races. p. 14.
Pukirev, V. - Let's restore the former fame of "Spartak" members. p. 15.
Romanov, V. - Review the school program in physical education. p. 16.
After the Spartakiada. p. 18.
Ten best track athletes of the U.S.S.R. as of October 1, 1956. p. 19.
The forty-fifth anniversary of the relay race. p. 22.
Bol'shakov, G. - In the old Moscow. p. 24.
Kosvintsev, B. - International contests in Bucharest. p. 26.
On the eve of the 16th Olympic games: Is the French correspondent right? p. 29.
Claimants for Olympic medals: I. Skobla, E. Danielsson, D. Zatopkova. p. 30.
L'vov, B. - Owens' 100-meter world record has been bettered. p. 31.

MASTERA SPORTA DELIATSIA OPYTOM [MASTERS OF SPORT TELL OF THEIR EXPERIENCE]. Published by Voennoe izd-vo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 5, 1956. Tiazhelaia atletika [Weight lifting].

Table of contents translated:

Preface. p. 3.
Lomakin, T.F. - Labor is the basis of success in sports. p. 9.
Vorob'ev, A.N. - Persistence leads to victory. p. 24.
Nikitin, F.N. - Striving for mastery. p. 42.
Ravisov, M.M. - Every soldier can and must be an athlete. p. 60.
Bozhko, A.I. - Road toward sports mastery. p. 76.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 2, no. 8, Aug. 1956.

Table of contents translated:

Mastery is born out of the struggle; notes on volleyball tournaments at the Spartakiada of the peoples of the U.S.S.R. p. 2.
Preliminary volleyball matches; scores. p. 6.
Final volleyball tournaments. p. 8.
Rudnitskii, L. - Sunny youth; notes on the Spartakiada of Moldavia. p. 10.
Larin, B., Frolov, V. - Winners and losers; notes on the Spartakiada of the peoples of the R.S.F.S.R. p. 13.
Gorbunov, A., and others. - Effort of youth; results of the Spartakiada of the Ukraine. p. 17.
Van'lat, IUr., Konkin, V. - Tournaments of Latvian teams. p. 21.
Aleksandrov, V. - At a slow pace; games at the Spartakiada of White Russia. p. 23.
Galitskii, A. - Foundation for future victories; notes on the Spartakiada of Estonia. p. 25.
Ano, Gabriel. - Technique and speed; problems in soccer. p. 28.
In the All-Union Committee: New masters of sport, Honored trainers of the U.S.S.R. p. 32.
Match before the Olympic games. p. 32.

Vol. 2, no. 9, Sep. 1956.

Table of contents translated:

Men'shikov, A., Vasil'ev, V. - Technique on the agenda; notes on the soccer tournament at the Spartakiada of the Peoples of the U.S.S.R. p. 2.
Results of the soccer tournament. p. 4.
Granatkin, V. - This happened in Hannover. p. 5.
Preobrazhenskii, I., Zel'dovich, T., Zaslavskii, M. - Masters and reserves; what was shown by the basketball tournaments at the Spartakiada of the Peoples of the U.S.S.R. and the student Spartakiada. p. 7.
Results of basketball tournaments. p. 12.
Spandarian, S. - Break through toward the basket. p. 16.
International seminar for referees and trainers. p. 16.
Galitskii, A. - Indissoluble ties. p. 17.
Korobov, V., Aleshinskii, G. - Let's think about the future; notes on tennis tournaments at the Spartakiada of the Peoples of the U.S.S.R. p. 18.
Results of the tennis tournament at the Spartakiada of the Peoples of the U.S.S.R. p. 22.
Savin, S. - Speed of the soccer player. p. 23.
Beliaev, I. - Urgent changes in basketball rules. p. 25.
Korbut, E. - Masters of the attack style; notes on the Wimbledon tennis tournament. p. 26.
Cup of European champions. p. 29.
For the Davis Cup. p. 30.
Kordzaia, R. - Competitions of the courageous; equestrian games in Georgia. p. 31.
In the All-Union Committee. p. 32.
New books. p. 32.
In Hannover and Moscow. p. 32.

# 9. MUSIC, THEATER & MOTION PICTURES

## a) MOTION PICTURES

ISSKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz sovetskikh pisatelei SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Soviet Writers of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Vaisfel'd, I. - Parting with errors. p. 3.
Isaeva, K. - Neglected opportunities. p. 17.
Trofimov, S. - From the point of view of motion-picture distribution. p. 26.
Kolodiazhnaia, V. - Subject and plot of adventure motion pictures. p. 34.
Roshal', G. - The director's scenario. p. 44.
Chakhir'ian, Gr. - Grachiia Nersesian in Armenian cinema art. p. 62.
TSyrlin, I. - The art of cinema posters. p. 70.
Znamenskii, IU. - More attention to motion-picture amateurs. p. 78.
Khersonskii, Kh. - What is art? p. 80.
Sokolv, I. - A slip of the pen which has become "historical fact." p. 89.
In the "Iskusstvo" Publishing House. p. 90.
Gerard Philipe on the work of the actor. p. 91.
Rachuk, I. - Contest with a noble motto. p. 96.
Os'minin, V. - Festival in Mannheim. p. 101.
Brazini, Mario. - Notes on Brazilian motion pictures. p. 103.
Bashev, V. - Outstanding work by D.E.F.A. p. 106.
Shakespeare in Russian. p. 108.
From everywhere. p. 108.
"Film culture." p. 110.
Soviet motion pictures in the U.S. p. 111.
Conference on motion pictures with collective farm themes. p. 112.
A discussion of the "Mosfilm" plan. p. 114.
Conference of the "Mosfilm" art council and motion picture writers' activist group. p. 115.
Defense of dissertations. p. 117.
Festival of foreign motion pictures. p. 118.
Exchange of travel films with foreign countries. p. 119.
In a few lines. p. 119.
Premières of foreign motion pictures. 120.
Communist Youth League motion-picture festival in

8 90 - 10)
Kazan. p. 121.
Lectures on musical motion pictures in Astrakhan. p. 121.
Humor. p. 123.
Calendar of motion-picture history. p. 124.
New motion pictures. p. 125.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.
Table of contents translated:
For Soviet viewers. p. 1.
Filanovskii, IU. - For workers in the fields. p. 4.
Aliev, G. - Motion pictures on the stock ranges. p. 5.
Stepanov, N. - Winner of a socialist competition. p. 6.
Sadovnikova, I. - Gennadii Molchanov. p. 7.
Plukhovskii, V. - Conference of motion-picture viewers in Groznyi. p. 8.
Pauker, I. - Glorious traditions of the Lenin Communist Youth League. p. 9.
Tal'er, M. - Spreading technical and scientific knowledge on the "Svet" motion-picture theater. p. 10.
Tovarnov, M. - Film showings of the works of the masters of Soviet cinematography. p. 10.
Lavrov, IU. - Scheduling films by districts. p. 12.
Konovalov, I. - One hundredth graduation of motion-picture operators at the Labinsk School. p. 14.
Short signals. p. 15.
Peschanskii, O. - The KN-12 motion-picture projector unit. p. 16.
Klochkov, V. - Build better motion-picture projection rooms. p. 22.
Korovkin, V. - General purpose sliderule for measuring film shrinkage and perforation distances. p. 23.
Borisenko, I. - Projection room for a rural stationary projector. p. 24.
Marchenko, I. - Pay more attention to fire safety measures during film showings. p. 29.
Follow-up of our published materials. p. 30.
Kirnos, L. - Visual aid on the "Projector head of a stationary motion-picture projector." p. 31.
Zhilinskii, I. - Electrified posters. p. 33.
Graph to determine screen brightness and the choice of the focal length of the objective for a 16 mm. projector with a light current of 250 lumens. p. 34.
Signalling the end of a reel. p. 35.
Semianovskii, V. - A medical syringe is used to lubricate a film projector's reels. p. 38.
Gorda, V. - Regulator of the incandescence of an illuminating lamp. p. 39.
Samoilov, M. - Prolonging the use of spare parts. p39.
We answer readers' questions. p. 40.
"Il'ia Muromets," p. 45.
"Spring on Zarechnaia Street," p. 46.
"With one's own hands," p. 47.
Agricultural films recommended for rural showing, supplement.


## b) MUSIC


MEZHDUNARODNAIA KNIGA. Muzykal'naia literatura. Katalog dlia zalavok [Musical Literature. Order katalog]. Moscow, nos. 25-26, 1957.


## c) THEATER


TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz sovetskikh pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Soviet Writers of the U.S.S.R.]. Moscow, vol. 17, no. 10, Oct. 1956.
Table of contents translated:
Gorbatov, Boris. - One night; a play in three acts. p. 3.
Sverdlin, L. - In search of one's way. p. 54.
Efros, A. - Poor Stanislavskii. p. 62.
Kaverin, V. - Notes on Bulgakov's dramaturgy. p. 69.
Lazarev, L. - Laughter is not a funny matter; on satirical comedy. p. 74.
Ben'iash, R. - Plays and performances; notes on the director's choice of plays. p. 83.
Markhasev, L. - "Average" expenditure; in the Komi Republic Dramatic Theater. p. 101.
Nagibin, IU. - Actress E. Auerbakh's stories. p. 109.
Auerbakh, Elizaveta. - In time of war. p. 110.
Purishev, B. - Valuable book. p. 120.
Rudnitskii, K. - New edition of A. V. Sukhovo-Kobylin's trilogy. p. 121.
Florinskii, I. - A book about the theater building. p. 122.
Moscow and Leningrad premieres:
"Alpatov." p. 124.
"17 Three-Nightingales Street." p. 126.
"White lotus." p. 127.
New plays:
Levin, L. - "Where is happiness?" p. 129.
Shur, I. - "Andrei Stavrov." p. 130.
Casona, Alejandro. - "Trees die standing." p. 131.
New plays for the repertoire. p. 133.
Local news: Novgorod, Kharkov, Kiev, Komsomol'sk-on-Amur. p. 135.
At old performances:
Second youth of a veteran. p. 139.
Champagne without the cork. p. 140.
Remarks from a notebook:
Reply to a critic. p. 141.
From the artist's point of view. p. 142.
Hidden potentialities. p. 143.
Successes of actors:
N. M. Uzhvii as Moskaleva. p. 144.
Aleksandr Starodub as Volodia. p. 145.
Ognianova, IU. - Notes on the present-day Bulgarian theater. p. 146.
Surits, E. - The 25th anniversary of English ballet. p. 154.
Theaters of the world. p. 161.
Facts and commentary. p. 168.
On the eve of the new theatrical season. p. 169.
Your new play? p. 170.
Triumph of a Soviet artist. p. 172.
Ballet news. p. 174.
Ensemble of violinists. p. 174.
Theater and school. p. 175.
In memory of a great actress. p. 175.
Interesting exhibit. p. 176.
Afinogenov's creative legacy. p. 178.
New performers at the Malyi Theater. p. 178.
During the new season. p. 180.
"The baker's dozen." p. 181.
34 Mokhovaya Street, Leningrad. p. 181.
Photographs of the country's stages; Riga. p. 182.
Creative laboratory. p. 183.
A. D. Chudinova. p. 184.
Ivan Mykytenko's better plays should be staged. p. 185.
"I want to know everything." p. 185.
Japanese guests. p. 186.
Musorgskii's operas in Italy. p. 187.
Foreign mail received by the Central Puppet Theater. p. 188.
Klinchin, A. - Nikolai and Konstantin Rybakov. p. 189.
Anastas'ev, A. - Reply to A. Shtein. p. 191.

Vol. 17, no. 11, Nov. 1956.
Table of contents translated:
Maliugin, L. - A trip to near-by countries; a comedy in three acts. p. 3.
For creativeness and against scholasticism. p. 32.
Kholodov, E. - "Lenin on culture and art." p. 44.
Pimenov, Vl. - Drama of important problems. p. 60.
Sokol'skii, M. - In lieu of a review; after a performance of "War and Peace" at the Malegot. p. 68.
Surits, E. - Is French criticism right; the Paris press on guest performances of the ballet troupe of the K. S. Stanislavskii and Vl. I. Nemirovich Danchenko Theater. p. 75.
Novitskii, Pavel. - Ancient tragedy and the Soviet theater; on the staging of Sophocles' "King Oedipus" in the Sh. Rustaveli Theater. p. 82.
Bachelis, T. - Lively antagonist; Anis Lautor in the role of the mayor. p. 96.
Segedi, Irina. - In the city of Yuzhno-Sakhalinsk. p. 102.
Velekhova, N. - When poetry comes to the theater. p. 108.
Orlov, S. - New documents on P. A. Strepetova. p. 117.
Sterkin, T. - A forgotten page; the first staging of A. N. Ostrovskii's comedy "Our kind will agree." p. 118.
Iashvili, T. - Unknown material on A. I. IUzhin. p. 119.
On guest performances of the Leningrad Malyi Opera Theater. p. 120.
Local news: Erivan, Lvov, Irkutsk. p. 121.
New plays: Paustovskii, Konstantin. - "Steel ringlet."
Ovchinnikov, Mikhail. - "The turning point."
Miller, A. - "A man with a lot of luck" [Death of a salesman], New plays in the repertoire. p. 130.
Remarks from a notebook: Celebration in the lobby, Regrettable error, "Portion of tar," Respect the audience. p. 130.
Acting successes: A. Arzhanov as Budantsev, T. Shmyga as Tonia Chumakova. p. 132.
Our interviews: Indian artists. p. 135.
Zei-Sevastikoglu, Alki. - My teacher Eduardo de Filippo. p. 144.
Borshchagovskii, A. - Swedish notes. p. 154.
Theaters of the world. p. 165.
All-Russian contest for the best contemporary play. p. 169.
Summer theatrical season in the capital. p. 170.
A great matter for small theaters. p. 171.
Your new play. p. 172.
A theater losing its audience. p. 173.
Stage-directors as our guests. p. 174.
Davydov gives a lesson in mimicry. p. 176.
From rehearsal halls. p. 178.
The All-Russian Theatrical Society is building a rest home in the Crimea. p. 179.
Congratulations to the new settlers. p. 179.
Flight continues. p. 180.
We add our congratulations. p. 181
On the eve of the ten-day Tajik festival. p. 182
In the new season. p. 183.
Theatrical youth. p. 184.
Five young singers. p. 185.
The story of a play. p. 186.
Our correspondence. p. 187.
The library and the theater. p. 188.
Korallov, M. - Kalidasa. p. 189.
Commemorative dates. p. 191.


# 10. FINE ARTS

## a) GENERAL


AKADEMIIA NAUK SSSR. Institut istorii iskusstv [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of history of Fine Arts. Reports]. Moscow, no. 7, 1956. Arkhitektura [Architecture].
Table of contents translated:
Present-day tasks in the history and theory of architecture. p. 3.
Afanas'ev, K. N. - New stage in the development of Soviet architecture. p. 8.
Egorov, IU. A. - Building large-panel apartment houses; block no. 7 on the Khoroshevskoe Shosse in Moscow. p. 13.
Mikhailov, B. P. - Russian architectural theory; A. V. Shchusev's works. p. 28.
Korneev, IU. P. - Multistoried apartment houses; I. V. Zholtovskii's works. p. 51.
Bronshtein, S. S., Grozmani, M. V. - Underwater work by M. G. Zemtsov. p. 70.
Palantreer, S. N. - The 17th century palace of Sheremetyevo. p. 80.
Makovetskii, I. V. - Rare monument of old Moscow architecture. p. 105.
Mikhailov, B. P. - Treatise by Antonio Averlino Filareto on architecture. p. 111.
Makovetskii, I. V. - Modern dwelling architecture in Finland; a travellor's impressions. p. 117.
Afanas'ev, K. N. - Remarks on N. A. Bykovskii's article "Russian measures of length in the 16th-17th centuries." p. 157.
Important work on the history of city building. p. 162
List of illustrations. p. 166.

No. 9, 1956. Muzyka [Music].
Table of contents translated:
From the editor. p. 3.
Levit, S. - The Soviet song in the fight for peace. p. 5.
Protopopov, Vl. - An important principle of musical form in D. Shostakovich's works. p. 36
Boolza, I. - B. Liatoshyns'kyi's "Grazhina." p. 53
Karagiulian, E. - National sources in A. Khachaturian's works. p. 60.
Protopopov, Vl. - Thematic unity and variation in Glinka's opera "Ivan Susanin." p. 73.
Ryzhkin, I. - Glinka's first attempt in the sonata form, his Symphony in D major. p. 101.
Lovasheva, O. - Grieg and Andersen. p. 114.
Boolza, I. - A forgotten Polish composer. p. 135
In the music section. p. 140.

LENINGRAD. ERMITAZH. Trudy [HERMITAGE. Transactions]. Vol. I, 1956. Zapadnoevropeiskoe iskusstvo [West European art].
Table of contents translated:
Izergina, A. N. - Theodore Rousseau's works and the problem of the realistic French landscape of the 19th century. p. 5.
Dobroklonskii, M. V. - West European drawings from the Middle Ages; 14th-14th centuries. p. 51
Kamenskaia, T. D. - Leonardo da Vinci's manuscript "Treatise on painting" and its illustrations in the Hermitage collection. p. 49.
Tarasiuk, L. I. - Two outstanding works by Italian armor craftsmen of the 16th century in the Hermitage collection. p. 60.
Shcherbacheva, M. I. - Guido Reni's paintings in the Hermitage collection. p. 73.
Fomichova, T. D. - Pompeo Batoni's paintings in the Hermitage collection. p. 81.
Butler, K. S. - Four tapestries from the beginning of the 16th century in the Hermitage collection. p. 91
Fekhner, E. IU. - Koratian de Kounlack and Dutch landscapes from the end of the 16th century. p. 102
Shcherbacheva, M. I. - New paintings by Rembrandt in the Hermitage collection. p. 119.
Kuznetsov, IU. I. - Adrien van Ostade. p. 132.
Agafonova, K. A. - The relationship of Philips Koninck's work to Rembrandt. p. 159.
Linnik, I. V. - New identification of Gerard Dou's painting. p. 167.
Assovich, K. F. - Louis Gallait's paintings in the Hermitage collection. p. 178.
Glikman, A. S. - Inclusion of J. Callot's drawings in

an unnamed series of 17th century engravings. p.191.
Gerts, V.K. - Jean Jouvenet and his paintings in the Hermitage collection. p.199.
Nemilova, I.S. - Hubert Robert's paintings on literary subjects in the Hermitage collection. p. 207.
Dobroklonskii, M.V. - Some Elsheimer drawings and his circle. p.215.
Izergina, A.N. - Johann Conrad Seekatz and his paintings in the Hermitage collection. p.222.
Lapkovskaia, E.A. - Two ivory busts by Johann Christian Ludwig Lucké and Karl August Lucké the younger. p.230.
Krol', A.E. - A pastel by G.Lundberg in the Hermitage collection. p.245.
Krol', A.E. - Three busts by J.T.Sergel. p.254.
Grimm, G.G. - Antoine Rinaldi's graphic legacy. p.263.

LETOPIS' IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF FINE ARTS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 4, 1956.

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSR, Spilka radians'kykh kompozytoriv and Spilka radians'kykh khudozhnykiv Ukrainy [Ministry of Culture of the Ukrainian S.S.R., Association of Soviet Composers, and Association of Soviet Artists of the Ukraine]. Kiev, no. 5, Sep.-Oct. 1956. [In Ukrainian.]

Table of contents translated:
Editorial: Improve the repertoire of concert agencies. p. 2.
L.I. - Observations and suggestions of a listener p. 5.
Kasian, V., Turchenko, IU. - Soviet Ukrainian graphic arts; 1945-1955. p. 7.
Ukrainian painters for the All-Union and Ukrainian anniversary exhibitions of 1957. p. 14.
Romitsyn, A. - Special problems in motion pictures (conclusion). p. 16.
Piskun, I. - Creative report of actors of the Shevchenko Theater. p. 21.
Terniuk, P. - "Secret" of successes of Kherson actors. p. 26.
Hardenin, R. - Portrayal of Ivan Franko in motion pictures. p. 28.
Vasyliev, Kyryl. - Historical fraternal bonds are strengthening. p. 31.
Lytvyn, K. - Indissoluble friendship of two fraternal peoples. p. 32.
Young actors on parade. p. 35.
Avdiejev, V. - Oleksandr Myshuha. p. 37.
Hovdia, P. - From documents of the past. p. 42.
Kovalevs'kyi, M. - Reminiscences about S.Svietoslavs'kyi. p. 45.
Plakida, B. - Program for the history of Ukrainian art. p. 46.
Ivan Kocherga. p. 47.
Art calendar. p. 48.

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erivan, no. 10, 1956. [In Armenian.]

Table of contents translated:
Vardanian, Anri. - In search of new paths. p. 3.
Arakelian, Varag. - Speech culture in art. p. 11.
Dzhanibekian, Gurgen. - Guest performances of the Leninakan Theater. p. 20.
Muradian, Pargev. - The world of sun and light; letter from Paris. p. 30.
Kalantar, Levon. - Ol'ga Maisurian's contribution. p. 34.
Buladzhiev, Grigor. - The French theater in Moscow. p. 38.
Gasparian, Gaspar. - Arutiun Svachian. p. 41.
Voskanian, Vazgen, Grigorian, Vladimir. - "The Asiatic music magazine." p. 45.
Arutiunian, G. - Twenty-five years later. p. 48.
Balian, V. - Song festival in Kirovakan. p. 49.
Meeting with a venerable actor. p. 52.
Chinese guests at the Erivan motion-picture studio. p. 52.
Twice winner of the piano contest. p. 53.
Contest for the best political poster and postcard. p. 53.
Simonian, K. - Concert by Danish musicians. p. 53.
Literary readings by Verdan Charygian. p. 54.
Shishmanian, R. - Talented painter. p. 55.

### b) ARCHITECTURE

ARKHITEKTURA I STROITEL'STVO LENINGRADA [ARCHITECTURE AND CONSTRUCTION IN LENINGRAD] Published by Leningradskoe otdelenie Soiuza sovetskikh arkhitektorov [Leningrad Branch of the Association of Soviet Architects]. Leningrad, no. 3(12), Sep. 1956.

Table of contents translated:
Kamenskii, V.A. - Problems of decentralizing a large city. p. 2.
Vasil'ev, A.V. - Large-panel apartment houses. p. 5.
Vasil'kovskii, S.V. - Effect of parameters of small apartments on the size of precast elements for large-block buildings. p. 9.
Raitian, V.F., Kruzhkov, N.M. - Specifying the nomenclature for large blocks weighing up to 3 tons. p. 15.
Liber, I.S. - Sanitary installations in large-block apartment houses. p. 19.
Vitenberg, E.IA., Tarantul, A.I. - Using standard plans in building Angarsk. p. 21.
Arskii, G.M., Lysova, A.I. - Precast reinforced concrete floors in general overhaul of buildings. p. 24.
Piliavskii, V.I. - Standard planning in Russian architecture. p. 26.
Ikonnikov, A.V. - Development of large cities abroad. p. 29.
Levinskii, L.G. - Prestressed reinforced concrete construction elements in the industrial building of Yugoslavia. p. 35.
Kostyiev, R.P. - Walls in modern multistoried buildings abroad. p. 37.
Spernanskii, S.B., Kats, A.D. - Plan for the Leningrad television center. p. 41.
Meisel', M.N. - Plan for a monument in Kronstadt. p. 43.
Urevich, A.B. - Cleaning facades by the method of sandblasting. p. 45.
Brief news. p. 46.

## 11. LANGUAGE, LITERATURE & FOLKLORE

### a) LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Published by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 6, Nov.-Dec. 1956.

Table of contents translated:
Achievements of the Great October Socialist Revolution. p. 3.
Gurycheva, M.S. - Nature of the interaction between the parts of a complex sentence and a relative connection. p. 10.
Azarkh, N.A. - Phraseological units in modern English. p. 21.
Leman-Abrikosov, G.A. - The study of words and types of dictionaries for learning purposes. p. 36.
Kaar, E.I. - Developing oral skills in the advanced study of foreign languages in a school of education. p. 43.
Lukaitskii, I.A. - Structure and content of a program in the methodology of teaching foreign languages. p. 55.
Chaplina, E.K. - Classroom use of the French language textbook for class 9 by M.A. Bakhareva, Z.V. Kalacheva. p. 61.
Adler, R.M. - New English language textbook for class 5 by Z.M. Tsvetkova, TS.G. Shpigel'. p. 67.
Runev, V.V. - Work with poetry in class 5. p. 75.
Ozerkova, V.I. - Planning instruction based on paragraph 8 of the German language textbook for class 7 by N.A. Bergman, M.M. Petrenko. p. 78.
Songs in French and English. p. 81.
Goldiserner, M.M. - The place of foreign languages in the secondary school. p. 90.
Salomatov, K.I. - Specific features of extracurricular work in foreign languages. p. 101.
Sumbatova, N.IU. - Review of the book "Outline of German stylistics" [in German] by E.G. Rizel'. p. 104.
Zimmerman, Willi. - Methodological remarks on the textbook "French language" by M.A. Bakhareva, Z.V. Kalacheva for class 9 of the secondary school. p. 108.
Consultation. p. 110.
Solov'eva, V., Ovchinnikova, M.A., Nikitin, A.P. - Evening programs in a foreign language dedicated to the memory of H. Heine. p. 118.
Chastukhina, A.IU. - Seminar and educational conferences of foreign language teachers on the Moscow-Ryazan Railroad. p. 122.
Topic index of articles in "Inostrannye iazyki v shkole" during 1956. p. 124.
Zinaida Nikolaevna Vlasova; obituary. p. 128.

V POMOSHCH' PREPODAVATELIU RUSSKOGO IAZYKA V AMERIKE [A GUIDE FOR TEACHERS OF THE RUSSIAN LANGUAGE IN AMERICA]. Published by N.P. Avtonomoff. San Francisco, Calif., vol. 10, no. 40, 1956.

### b) LITERATURE & FOLKLORE

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of World Literature. Studies]. Moscow, vol. 2, 1956.

Table of contents translated:
Troskunov, M.S. - Victor Hugo as publicist. p. 5.
Volison, I.IA. - Hugo's plays in the 60's. p. 36.
Evnina, E.M. - The struggle for Hugo in present-day France. p. 55.
Oblomievskii, D.D. - Balzac's social and political positions in 1830-1833. p. 81.
IAkimovich, T.K. - Democratic almanacs in France in 1830-1835. p. 130.
Nikolaev, V.N. - Emile Zola and the present. p. 165.

DAL'NII VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soiuza Sovetskikh pisatelei SSSR [Khabarovsk Branch of the Association of Soviet Writers of the U.S.S.R.]. Khabarovsk, vol. 24, no. 5, Sep.-Oct. 1956.

Table of contents translated:
Prishvin, Andrei. - In the Sikhote Alin' Range; a sketch. p. 3.
Koposov, Vladimir. - Masters of the land; a sketch. p. 15.
Rybochkin, Anatolii. - Shore of friendship; verse. p. 27.
Petrov, L., Strugatskii, A. - Ashes of Bikini; a tale. p. 31.
Nefedov, Petr. - Northern spring; verse. p. 101.
Kapusto, Nikolai. - "Partizanka Hill"; verse. p. 102.
Shelest, Georgii. - Stories from the past. p. 103.
Smoliakov, Stepan. - In our native village; verse. p. 112.
Zadornov, Nikolai. - Captain nevel'skoi; a novel (to be continued). p. 114.
Kopalygin, Boris. - The camel and the sun. p. 140.
Roman'kov, Aleksei. - The rooster and the chief. p. 140.
Stolbovskii, Aleksandr. - Sickness and therapy. p. 141.
Ivanov, Iurii. - A rook of many names; a fable. p. 141.
Biriukov, Askol'd. - Trip to China. p. 145.
Tel'kanov, Sergei. - On Yugoslav soil p. 160.
Dmitrenko, V.I. - The tie between science and practice. p. 171.
Ukel'son, N. - The subject of children's tales. p. 175.
Voskoboinikov, M. - V.G. Tan-Bogoraz's poetry. p. 180.
Pataleev, A.V. - Atomic power in the cause of peace. p. 183.
New books. p. 187.

DILA [MORNING]. Issued by TSentral'nyi komitet Leninskogo kommunisticheskogo soiuza molodezhi Gruzii [Central Committee of the Lenin Communist Youth League of Georgia]. Tiflis, no. 12, Dec. 1956. [In Georgian.]

EŻEDÎ BASHḲORTOSTAN [LITERARY BASHKIRIA]. Organ of Soiuz sovetskikh pisatelei Bashkirii [Association of Soviet Writers of Bashkiria]. Ufa, vol. 26, no. 12, Dec. 1956. [In Bashkir.]

GRANI [FRONTIERS]. Published by "Posev." Frankfurt/Main, vol. 11, no. 31, July-Sep. 1956.

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

Table of contents translated:
Surkov, A. - Voices of friends (introduction). p. 3.
Ghosh, Bimalchandra. - October song; from a poem. p. 5.
Nirala. - Before the rain, Through this sad stream, The crossing. p. 6.
Pant, Sumitranandan. - Two boys. p. 7.
Dzhafri, Sardar. - Hymn to working hands. p. 9.
Fast, Howard. - The story of Lola Gregg; a tale. p. 12.
Biebl, Konstantin. - Verse. p. 87.
Brandys, Kazimiers. - Stories: The Warsaw story, Holiday of the obsessed, The bear. p. 92.
Banus, Maria. - I'm talking to you, America; excerpts from a poem. p. 131.
Teimur, Makhmud. - Merciful Buddha. p. 134.
Abd ar-Rakhman al-Khamisi. - Khalil-efendi, Legend about sorrow. p. 137.
Ibragim Abd al-Khalim. - A place on earth. p. 144.
Abd ar-Rakhman ash-Sharkavi. - Cherished dream. p. 148.
Idris, IUsuf. - In passing by. p. 152.
Shaw, Bernard. - Why she refused; a little comedy. p. 155.
Frank, Leonhard. - Left, where the heart is; excerpt from the novel. p. 164.
Herbert Wells in Russia. p. 176.
Sunao Tokunaga. - Gor'kii's humanism. p. 178.
Dzhafri, Sardar. - The path of song. p. 180.
De Vries, Theun. - Notes on Mikhail Sholokhov's works. p. 182.
Moraru, Nicolae. - In the first ranks of Soviet literature. p. 184.
Barukh, Armand. - To the depths of the human soul. p. 186.
Rotha, Paul. - Art which one doesn't forget. p. 188.
Dobiaš, Vaclav. - D. Shostakovich's music in Czechoslovakia. p. 190.
Anistimov, I. - The second period in B. Shaw's works. p. 192.
Tynianova, Inna. - Human thought can break stone walls. p. 203.
Fedorenko, N.T. - "Book of songs." p. 212.

В ПЛ

Trushchenko E. A book prompted by life [in French]. p. 221.
Klyshko, A. - "Song of spring" [in Chinese]. p. 224.
Ch'u Ch'in-po. - On literature. p. 226.
Reich, B. - The young Brecht. p. 232.
Obraztsov, S. - My colleagues. p. 237.
Cachin, Marcel. - The artist and his vocation. p. 251.
Tishkov, A. - Szechwan stories [in Chinese]. p. 257.
Gal'perina, E. - Honestly lived life [in German]. p. 258.
Zlydnev, V. - Poetry of youth and peace [in Bulgarian]. p. 260.
Startsev, A. - Unknown play by Eugene O'Neill [in English]. p. 261.
Kuteishchikova, V. - People during years of terror [in Spanish]. p. 262.
Fish, R. - Orhan Kemal's stories [in Turkish]. p. 263.
Volosatov, V. - Naguib Makhfuz's tale. p. 264.
From month to month; brief news. p. 266.
Brief notes about authors. p. 287.

IUNOST' [YOUTH]. Issued by Soiuz sovetskikh pisatelei SSSR [Association of Soviet Writers of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

Table of contents translated:

Shakhovskii, Boris. - October night; verse. p. 2 of cover.
Karpeko, Vladimir. - Our generation; verse. p. 3.
Rybakov, Anatolii. - The bronze bird; a tale (to be continued). p. 4.
Pavlinov, Vladimir. - Drafts; verse. p. 30.
Petrov, Gennadii. - Magic light, Wasted lesson; verse. p. 31.
Kassil', Lev. - Course of the white queen; a novel (to be continued). p. 32.
Petrovskii, G.I. - To young friends. p. 60.
"Sing a hymn to life"; from IA.M. Sverdlov's private correspondence. p. 62.
First letters. p. 68.
Grigor'eva, Vera. - To a friend; verse. p. 71.
Medvedeva, Nadezhda. - In such eyes I believe; verse. p. 71.
Karpov, Nikolai. - At the campfire; verse. p. 71.
Polevoi, Boris. - The other end of the world; diary of a journey on the motor ship "Pobeda" (conclusion). p. 72.
Vasil'ev, V. - My comrade Vasia Alekseev; as told to R. Zernova. p. 98.
Agranovskii, Anatolii. - Cloud hunters. p. 101.
Merzhanov, Martyn. - The principle of soccer is attack! p. 109.
Shatrov, M. - That's the way it began. p. 112.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 17, no. 6, Nov.-Dec. 1956.

Table of contents translated:

Naumova, N.N. - Features of the composition of the novel "War and Peace" by L.N. Tolstoi. p. 3.
Dombrovskaia, E.N., Nekrasova, A.D. - Study of A.S. Pushkin's novel "Eugene Onegin" in class 8. p. 17.
Kachurin, M.G., Shneerson, M.A. - The mutual relationships between general surveys and the study of individual authors in an 18th and 19th century course. p. 33.
Gogoleva, M.S. - A year's work on a new anthology for class 6 "Literature of the homeland." p. 47.
Moldavskaia, N.D. - Teaching literature in secondary schools of the German Democratic Republic. p. 53.
Gaidenkov, N. - "History of Russian literature," vol. 8, pt. 2. p. 63.
Grodskaia, N. - "The Thunderstorm" of A.N. Ostrovskii; manual for [illegible] "s by A. Revia-

[illegible]cles.

0.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz sovetskikh pisatelei Azerbaidzhana [Association of Soviet Writers of Azerbaijan]. Baku, vol. 14, no. 11, Nov. 1956.

Table of contents translated:

Kasumzade, Beiukaga. - Beautiful thou art, face of my native land; verse. Translated by Viach. Zaitsev, p. 3.
Davtian, Markar. - Grapevine; a tale (to be concluded). Translated by D. Glikshtein and S. Kasparov. p. 4.
Ragim, Mamed. - Saint-Nova; a narrative poem. Translated by A. Plavnik. p. 40.
Dzhabarly, Dzhafar. - Aidyn; a play. Translated by Az. Sharif. p. 51.
Mekhtiev, Tofik. - Memory; verse. Translated by V. Porinov. p. 83.
Minkevich, D. - Even in prose, poetry is needed. p. 84.
Mamedov, Dzhalal - "Russian-Azerbaijani dictionary." p. 94.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 4, 1956.

Table of contents translated:

Poltoratskii, V. - Autumn; verse. p. 3.
Sharov, A. - First battle; a tale. p. 4.
Bokov, Viktor. - Verse cycle. p. 107.
Sidorenko, Nikolai. - Verse cycle. p. 113.
Kolosov, Aleksei. - At the mill; a story. p. 116.
Dorosh, Efim. - In the town above the lake; a film scenario. p. 124.
Zuev, Mikhail. - Mist; a story. p. 169.
Mariagin, Georgii. - Industry marches to the East. p. 178.
Podliashuk, Pavel. - They found their way. p. 195.
Vigilianskii, N. - Lvov motorbus. p. 208.
Kabachenko, E. - Signs of the seasons. p. 212.
Moiseev, Oleg. - With the workers of Orekhovo-Zuevo; from a trip. p. 215.
Lidin, Vl. - People and meetings. p. 223.
Fedorenko, N.T. - Through a painter's eyes. p. 236.
Veselov, A., Gorbunov, G. - Palekh today. p. 249.

OKTIABR' [OCTOBER]. Organ of Soiuz pisatelei SSSR [Association of the Writers of the U.S.S.R.]. Moscow, vol. 33, no. 11, Nov. 1956.

Table of contents translated:

Aliger, Margarita. - From notebooks; verse. Poor people, Justice; short poems. p. 3.
IUgov, Aleksei. - On a large river; a novel (to be continued). p. 9.
Shteinberg, Ark. - Schoolmistress; verse. p. 61.
Mezhirov, Aleksandr. - I want to tell you..., The bear, I am used to making rooms comfortable, How could I pass over that in silence, Mornings I look for reminders of you; verse. p. 83.
Prichard, Katharine Susannah. - Flight; a story. Translated from the English by I. Manonok. p. 86.
Narovchatov, Sergei. - From verse about a daughter. p. 95.
Prokof'eva, Sof'ia. - Memory, Autumn does not notice the spruce tree, Under the striped birch tree, With whom do you hold such conversations; verse. p. 97.
Dolinina, N. - Through initiative and by order. p. 99.
Fofanova, M. - Decisive days. p. 108.
Bill'-Belotserkovskii, V. - October in Moscow. p. 124.
Ivanov, A. - In the steppe. p. 134.
Sapfirov, N. - In Fascist imprisonment. p. 147.
Vishnevskii, Vsevolod. - At work on the "Optimistic tragedy." p. 166.
Guseva, Z. - Emotional world of the hero. p. 173.
Belash, IU. - Pattern and life. p. 182.
Lavretskii, I. - Jose Marti. p. 186.
Pitashev, N. - Critic and Bolshevik. p. 189.

OKTOMBRIE [OCTOBER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 25, no. 12, Dec. 1956. [In Moldavian.]

POLYMIA [FLAME]. Organ of Saiuz sovetskikh pis'mennikau BSSR [Association of Soviet Writers of the White Russian S.S.R.]. Minsk, vol. 34, no. 11, Nov. 1956. [In White Russian.]

Table of contents translated:

Klimkovich, Mikhas'. - All power to the Soviets; a dramatic poem. p. 3.
Nepachalovich, IAnka. - The windmill, Into the snowstorm, Barbed wire, I carry you over the puddles; verse. p. 46.
Haurusiou, Stsiapan. - It is cold in the mountains, The wedding, Willow whistles; verse. p. 49.
Sabalenka, Raman. - Youth on the march; a tale. p. 51.
Zvonak, Ales'. - Song of spring; verse. p. 107.
Khvedarovich, Mikola. - Everything we dream about; verse. p. 107.
Kulakou, Kuz'ma. - Students on the stage. p. 108.
Kruhlikau, P. - History of the Bolsheviks' struggle for the victory of the October Revolution in White Russia and on the Western Front. p. 116.
Sabaleuski, Anatol'. - Human characters and armorbearers of heroes. p. 133.

Zakharava, V. - The people in "Through [illegible]," a cycle of stories by A.M. Gor'kii. p. 141.
Kudrautsau, Ivan. - A critical and [illegible] on TSiotka; review. p. 152.
Model', M. - Lesser forms of dramatic [illegible] review. p. 155.
Brief news. p. 160.

PRIZYV [THE APPEAL]. Organ of Ramainskii [illegible]tel'nyi komitet [Ladies Committee for [illegible]]. New York, nos. 78-79, Jan.-Feb. 1957

PUNALIPPU [THE RED BANNER]. Journal [illegible]ation of Soviet Writers of the Karelo-[illegible]. Petrozavodsk, vol. 13, no. 4, Dec. 1956. [In [illegible].]

SHARK IULDUZI [STAR OF THE EAST]. Organ of the [illegible]sociation of Soviet Writers of Uzbekistan. Tashkent, vol. 24, no. 12, Dec. 1956. [In Uzbek.]

SOVET ĔDĔBIIATY [SOVIET LITERATURE.] Organ of Soiuz sovetskikh pisatelei Tatarii [Association of Soviet Writers of Tataria]. Kazan, vol. 24, nos. 11-12, Nov.-Dec. 1956. [In Tatar.]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE] Organ of the Association of Soviet Writers [illegible]. Erivan, nos. 11-12, 1956. [In Armenian.]

SOVETSKAIA PECHAT' [SOVIET PRESS]. [illegible] gazeta [newspaper] "Pravda." Moscow, [illegible]

Table of contents translated:

Editorial: Creativity of the masses and the [illegible]
Belkov, A. - In the struggle for Soviet [illegible]
Astrakhan, Kh. - Contributions of V.I. [illegible] Bolshevik newspapers in 1917. p. 9.
Volichko, A. - Provocative articles. p. 13.
Loginov, N. - Newspaper genres. p. 14.
The editors showed initiative. p. 17.
Kurtynin, M. - In the first columns of [illegible]
Beknazar-IUzbashev, D. - And you say "[illegible]" p. 23.
Ermakov, A. - Achieve the goal with [illegible]
Chernenko, A. - A friend's aid. p. 27.
Morozov, K. - An overliving theme. p. 28.
Larin, L. - "Nail." p. 31.
Kassil', Lev. - With microphone in hand. p. 33.
Makarenko, IA. - His handwriting. p. 38.
Podorozhanskii, I. - Restless character. p. 39.
Komov, V. - A labor correspondent is a [illegible] worker. p. 39.
Biriukov, A. - Everything is the agricultural [illegible] spondent's business. p. 40.
Frumin, I. - Figures on Soviet books. p. 43.
Mandour, Mohamed. - In the fight for national [illegible] ence. p. 45.
Semenov, M. - Swiss journalists visit us. p. 47.
Efimov, P. - In Austria today. p. 49.
Simon, Gustav. - Twenty-five thousand kilometers through the Soviet Union. p. 52.
Bazhenov, N., IAkovlev, T. - "At the [illegible] p. 55.
"Send Liapkin-Tiapkin in here!" p. 57.
In the Central Home of the Journalist. p. 58.
Brief news. p. 60.

SOVETSKII KAZAKISTAN [SOVIET KAZAKHSTAN]. Organ of Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, vol. 22, no. 4, Apr. 1956.

Table of contents translated:

Frolov, I. - The first tractor; verse. p. 3.
Dzharmagambetov, K. - The teacher; ballad. p. 4.
Anov, N. - Wings of song; a novel (conclusion). p. 5.
Zharokov, T. - On virgin soil of Kazakstan; verse. p. 58.
Skalkovskii, L. - Three poems. p. 60.
Kostina, V. - The shawl; a story. p. 62.
Smirnov, V. - In the valleys of Artysh, The [illegible] verse. p. 74.
Morkulov, O. - The encounter; a story. p. 76.
Bazhenov, I. - The secretary of the district party committee. p. 82.
Uzbiev, S. - One has to reckon with facts. p. 88.
Tiutiunnik, A. - The kitten; a fable. p. 99.
Andreev, S. - The turkey and the hens; a fable. p. 100.
Titov, N. - From the cycle of "Writer brothers." p. 101.
Grigsnov, M. - The reader's answer. p. 102.
Pastushenko, M. - A certain type of talent. p. 102.
Rovenskii, N. - Life and books. p. 103.
Shatalin, M. - Following the way set by others. p. 109.
Landau, Ef. - A book about Dzhambul. p. 112.
Agoeva, E.N., Somenluk, G. - A superficial work. p. 116.
Nurmakhanov, K. - Reading theatrical reviews. p. 118.
Varshavskii, L. - Kazakh dances. p. 120.
Comments, reports. p. 122.
Brief news on literature and art. p. 126.
New books. p. 128.

Vol. 22, no. 5, May, 1956.
Table of contents translated:
Gordienko, V. - Our May; verse. p. 3.
Kifanitsa, A. - In a virgin soil region; essay. p. 4.
Matskevich, O. - On the eve of this spring; essay. p. 27.
Ergaliev, Kh. - Your river; poem. Translated from the Kazakh. p. 34.
Mart'ianov, S. - Comrades in arms; a scenario. p. 46.
Laptev, A. - Departure, At night; verse. p. 69.
Kholmskii, B. - Over the Ural River; verse. p. 91.
Sakhni, B. - Medals; a story. Translated from the Hindi by I.Kudriavtseva, I. Rabinovich. p. 107.
Nikolich, D. - Poet of great thoughts and feelings; on the 50th anniversary of H.Ibsen's death. p. 113.
Novikova, A., Novikov, I. - Revolutionary songs. p. 120.
Vasil'ov, M. - Good luck! p. 124.
Kuz'min, N. - Highly recommended. p. 126.
Brief news on literature and art. p. 128.

Vol. 22, no. 9 Sep. 1956.
Table of contents translated:
Anov, N. - A feat of youth; a sketch. p. 3.
Morgun, F. - Steppe colors; verse. p. 11.
Petrov, B. - Lavish summer; a sketch. p. 13.
Chirva, F., Lezinov, M. - Ksenia Shestakova's first grain; a sketch. p. 19.
Bragin, A. - Envoys from Lenin Hills; a sketch. p. 26.
Lemberg, A. - Grain of the '56 harvest; verse. p. 35.
Ivanov, Vs. - We are going to India; a novel (continuation). p. 37.
Kurova, K. - Treatment of current problems and craftsmanship. p. 114.
Rovenskii, N., Shik, E. - Andrei Semenov's verse and poems. p. 119.
Trifonov, S. - For preschool age. p. 122.
Malikov, F., Semeniuk, G. - Among archival documents; new material on Abai Kunanbaev. p. 125.

Vol. 22, no. 10, Oct. 1956.
Table of contents translated:
Riabukha, Dm. - Great power; verse. p. 3.
Kalashnikov, I. - Golden autumn; verse. p. 4.
Ivanov, Vs. - We are going to India; a novel (continuation). p. 5.
Sain, Zh. - My song, The song of my son, Bigaisha, the daughter of the kolkhoz; verse. p. 83.
Popov, N. - Boys; a story. p. 85.
Antonov, V. - A Kazakh woman; verse. p. 102.
Galiev, A. - Autumn, The father; verse. p. 102.
Kriuchkov, A. - In a city garden; verse. p. 103.
Dzhumagulov, M. - Camel; verse. p. 104.
Smirnov, V. - On a quiet street; verse. p. 104.
Rovenskii, N. - Those who join the ranks. p. 105.
Lemberg, A. - Seek and find! p. 111.
Varshavskii, L. - Thoughts about the national theater. p. 115.
Platonova, N. - The old song. p. 119.
Semeniuk, G. - New archival documents on N.M.Przheval'skii. p. 122.
Brief, news on literature and art. p. 127.

ZHOVTEN' [OCTOBER]. Organ of Spilka radians'kykh pys'mennykiv Ukrainy [Association of Soviet Writers of the Ukraine]. Lvov, vol. 6, no. 11, Nov. 1956. [In Ukrainian.]
Table of contents translated:
Kolodii, Vasyl'. - To coevals of October; verse. p. 3.
Odud'ko, Tymish. - The Communist; verse. p. 4.
Vil'do, Iryna. - The Richyns'kyi sisters; a novel (continuation). p. 5.
Ukhymovych, Vasyl'. - The trackwalker, At a common grave, Guests, Near a school; verse. p. 42.
Ilzhyts'kyi, Volodymyr. - Vengeance; a story. p. 44.
Bilets'kyi, Oleksandr. - Problems facing Soviet studies of Franko works. p. 63.
Kolodii, Mar'ian. - The last May in Ivan Franko's life. p. 70.
Buzynnyk, Oleksandr. - From my impressions of Sweden. p. 75.
Luchko, Leontyna. - Panas Saksahans'kyi. p. 92.
Malyi, Pavlo. - The Ukraine in social and political writings of V. Korolenko. p. 102.
Usenko, Pavlo. - Mykola Shpak. p. 110.
Vyshnovs'kyi, Ivan. - Power of resistance. p. 117.
Popova, Emiliia. - Legacy of a Bolshevik critic. p. 120.
Brief news. p. 125.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz sovetskikh pisatelei Uzbekistana [Association of Soviet Writers of Uzbekistan]. Tashkent, vol. 24, no. 9, Sep. 1956.
Table of contents translated:
Almatinskaia, A. - In the spaces of the steppe; a novel. Book 1 (to be continued). p. 3.
Mirmukhsin. - I was a simple lad, Another's wife, You don't give yourself an instant's rest, my friend, The question, The answer, I dream of you long nights; verse. Translated from the Uzbek by E. Chernlavskii. p. 34.
Shukhrat. - Wish of a river, In Mirzachul', Interminable story, In spring. Translated from the Uzbek by Rauf Galimov. p. 36.
Boriskin, N. - Our sky; verse. p. 37.
Panov, Aleksandr. - Life is only beginning; a tale. p. 39.
Zhapakov, Nauruz. - In the native village, Don't touch the sun's rays, Klim; verse. Translated from the Kirghiz by A. Chepurov. p. 60.
Klimovich, L. - The Kirghiz folk poem "Fourty girls." p. 64.
Sokolov, A. - Development of culture in the Chinese People's Republic. p. 75.
Mar'ianovskii, G. - Drama problems. p. 81.
Afzalov, M. - Uzbek variants of the epic "Alpamysh." p. 105.
Babaev, E. - Notes on the book "People and years." p. 110.
Rempel', L. - National characteristics in the fine arts. p. 116.
In the "Shark IUlduzi" magazine. p. 127.

## 12. GEOGRAPHY & GEOLOGY

### a) ETHNOLOGY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut istorii. Materialy po etnografii Gruzii [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of History. Materials on the Ethnography of Georgia]. Tiflis, no. 8, 1956. [In Georgian.]
Title translated:
Bochorishvili, L. - Articles on ethnography. 228 p.
Title transliterated: Bochorishvili, L. - Articles on ethnography. 228 p.

AKADEMIIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Ethnography. Transactions]. Moscow, vol. 32, 1956. Baltiiskii etnograficheskii sbornik [Baltic ethnographic collection].
Table of contents translated:
Dundulienė, P.V. - Agriculture in Lithuania during the feudal era. p. 3.
Shlygina, N.V. - The Estonian peasant dwelling in the 19th and beginning of the 20th centuries. p. 48.
Gozina, G.I. - Dwellings and farm buildings in eastern Lithuania in the 19th and beginning of the 20th centuries. p. 95.
Milius, V.K. - The food and domestic utensils of the Lithuanian peasants in the 19th and beginning of the 20th centuries. p. 127.
Mark, K.J. - The paleoanthropology of the Estonian S.S.R. p. 170.
Denisova, R.IA. - The anthropological type of the Livs. p. 220.
IAkimov, V.P. - Initial stages in the settling of the eastern Baltic region. p. 245.

Vol. 33, 1956, Antropologicheskii sbornik [Anthropological collection], no. 1.
Table of contents translated:
Bunak, V.V. - Anthropological research in southern White Russia. p. 3.
Alekseeva, T.I. - Anthropological composition of the population in the Volga-Oka Basin. p. 37.
Trofimova, T.A. - Anthropological composition of the population of Bolgary in the 10th-15th centuries. p. 73.
Gerasimova, M.M. - Skeletons of the ancient Bulgarians from the excavations in the village of Kaybely. p. 146.
Konduktorova, T.S. - Materials on the paleoanthropology of the Ukraine. p. 186.
Debets, G.F. - Anthropological research in Daghestan. p. 204.
Ginzburg, V.V. - Ancient population of the eastern and central regions of the Kazakh S.S.R. according to anthropological data. p. 236.
Levin, M.G. - Anthropological material from the Verkholensk tomb. p. 299.
Rozov, N.S. - Materials on the craniology of the Chulyma Tatars and the Sel'kupy. p. 340.
Alekseev, V.P. - Outline of the paleoanthropology of Tuva Autonomous Province. p. 374.

### b) GEOGRAPHY

AKADEMIIA NAUK SSSR, Institut geografii, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Geography. Transactions]. Moscow, no. 69, 1956, Materialy po geomorfologii paleogeografii SSSR Materials on the geomorphology and paleogeography of the U.S.S.R.], no. 10, Rel'ef i gidrografiia Prikaspiiskoi nizmennosti [Relief and hydrography of the Caspian Depression].
Table of contents translated:
Preface. p. 3.
Doskach, A.G. - Origin of the relief of the Volga-Ural interfluve. p. 5.
Mozeson, D.L. - Main types and origin of shallow microrelief forms of the Volga-Ural interfluve. p. 37.
Aref'eva, V.A. - Hydrographic characteristics of the steppe zone of the Volga-Ural interfluve. p. 93.

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oceanography. Transactions]. Moscow, vol. 17, 1956. Problemy khimii moria [Problems of the chemistry of the sea].
Table of contents translated:
Foreword. p. 5.
Usachev, P.I. - Semen Vladimirovich Bruevich and a list of his scientific works on the 40th anniversary of his scientific activity. p. 7.
Bruevich, S.V. - Chemical research of the Institute of Oceanography of the Academy of Sciences of the U.S.S.R. in Far Eastern seas and in adjoining areas of the Pacific Ocean. p. 16.
Bruevich, S.V. - Chemistry of bottom deposits in the Sea of Okhotsk. p. 41.
Bordovskii, O.K. - Some data on clay minerals in deposits of the northwestern Pacific Ocean. p. 133.
Bordovskii, O.K. - Study of the consistency of certain present-day ocean bottom deposits. p. 137.
Gorshkova, T.I. - Natural moisture content, carbonates, and organic matter of deposits as indicators of sedimentation conditions. p. 141.
Shishkina, O.V. - Methods of obtaining marine oozes and studying their salt content. p. 148.
Mokievskaia, V.V. - Some data on the chemistry of biogenous elements of the Bering Sea. p. 176.
Smetanin, D.A. - Determining the production of organic matter in certain regions of the Bering and Okhotsk Seas. p. 192.

### c) GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK SSSR. Institut geologicheskikh nauk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Geological Sciences. Transactions]. Moscow, no. 101, 1948. Geologicheskaia seriia [Geological Series], no. 32.
Table of contents translated:
Kolotukhina, S.E. - Stratigraphy, facies, and tectonics of Devonian and lower Carboniferous deposits in the Sary-Su-Mointy interfluvial region of central Kazakhstan. p. 1.
Shtreis, N.A., Kolotukhina, S.E. - Geological structure of the Ortau and Kos-Murun Hills in the Zhana-Arka District of Karaganda Province. p. 69.
Sapozhnikov, G.D. - Idyge tectonic zone in the Dzhezkazgan-Ulutau region. p. 125.

No. 160, 1956.
Title translated:
Maslov, V.P. - Fossil calcareous algae of the U.S.S.R. 300 p.
Title transliterated: Maslov, V.P. - Iskopaemye izvestkovye vodorosli SSSR. 300 p.

AKADEMIIA NAUK SSSR. Kamchatskaia vulkanologicheskaia stantsiia, Kiyuchi, Biulleten' Vulkanologicheskoi stantsii na Kamchatke [ACADEMY OF SCIENCES OF THE U.S.S.R. Kamchatka Volcanic Station. Bulletin of the Kamchatka Volcanic Station]. Moscow, no. 14, 1948

Vakhrushev, V. - Some data on loess deposits among groups of small hills on the northern slopes of the Alai Range. p.29.

Surgai, V.T. - Genetic characteristics of some low temperature deposits. p.37.

Surgai, V.T. - New archaeological data on mining in Kirghizia. p.77.

Turovskii, S.D. - Mineralogical composition of remains found in ancient burial places in Talas Province of northern Kirghizia. p.87.

Turovskii, S.D. - Native lead in igneous rocks of northern Kirghizia. p.91.

Turovskii, S.D. - Porphyritic phenocrysts of certain syenites. p.99.

Chikobaev, A.A. - Possibility of using movable shields in mining a thick slanting coal seam in the Kizyl-Kiya mine. p.109.

Shashkin, V.L. - Source of material forming sedimentary deposits. p.117.

Shcherbina, V.N. - Mineral gypseous deposits of salt pans. p.123.

AKADEMIIA NAUK SSSR. Laboratoriia vulkanologii. Trudy. [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Volcanology. Transactions.]. Moscow, no. 12, 1956. O vulkanizme, geologii i gidrotermakh Kamchatki [Volcanism, geology, and hydrothermal phenomena of Kamchatka].

Table of contents translated:

Marenina, T.IU. - Geological and petrological study of Mutnaya Sopka. p. 3.

Sviatlovskii, A.E. - History of the most recent volcanism and relief formation in the region of Bakenin Sopka. p. 53.

Sviatlovskii, A.E. - The South Bystrinskiy Range in Kamchatka. p. 110.

Vlasov, G.M. - Quaternary volcanoes of northern Kamchatka. p. 191.

Ivanov, V.V. - Hydrothermal phenomena at foci of recent volcanism in Kamchatka and the Kurile Islands. p. 197.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Informatsionnyi sbornik [ALL-UNION GEOLOGICAL INSTITUTE. Information Bulletin]. No. 1, 1955.

Table of contents translated:

Foreword. p.3.

Borovikov, L.I. - Stratigraphy of lower Triassic deposits of the Russian Platform. p.5.

Polovinkina, IU.Ir., Nalivkina, E.B. - Existence of the Podolia charnockite-norite formation. p.12.

Polovinkina, IU.Ir. - Age correlations of Pre-Cambrian deposits on the right bank of the Dnieper. p.18.

Krivtsov, A.I. - Stratigraphic contents of the Sinaen system in the northeastern sector of the Russian Platform. p.24.

Anikiev, K.A. - Facies change in ferrous quartzite in one of the sectors of the Kursk magnetic anomaly. p.27.

Suzdal'skii, O.V. - New data on the glacial history of the Polar Ural region. p.33.

Zubtsov, E.I. - New data on the age of Paleozoic deposits of Nura-Tau, Dzhitym-Tau, and Naryn-Tau in the Tien Shan. p.36.

Boitsov, M.N. - Irregular epeirogeny in the Ob' Delta. p.40.

Khoreva, B.IA. - New data on the geological structure of the Irtysh zone of warping in the Osinovka-Malo-Krasnoyarka sector. p.41.

Dodin, A.L. - New data on the stratigraphy and volcanism of the central region of the Kuznetsk Ala-Tau.

ata on the geology of the
n the 1954 activities of the
of the All-Union Geologi-

Pisarchik, IA.K. - New data on the stratigraphy and lithology of lower Cambrian deposits of the Irkutsk amphitheater. p.62.

IAnov, E.N. - Stratigraphy of Devonian deposits in the Rybinsk Depression. p.70.

Krasnyi, L.I., Chemekov, IU.F., Modzalevskaia, E.A. - Devonian deposits of the Dzhugdzhur and Pribrezhnyy Ranges. p.82.

Nekhoroshev, V.P. - So-called ore nodules in Devonian conglomerates of the Rudnyy Altai. p.87.

Nekhoroshev, V.P. - Present-day concepts of the origin of polymetallic ores of the Altai. p.90.

Beliakova, E.E. - Consistencies in the change of elasticity of gases dissolved in water in relation to the condition of petroleum- and gas-water boundary. p.99.

Liogen'kii, S.IA. - Role of natural electric currents in forming the oxidation zone of sulfide deposits. p.103.

Vardaniants, L.A. - New concepts of the crystalline state of matter. p.107.

Solov'ev, A.T. - Dome-like structures of granite masses. p.112.

Likharev, B.K. - Note on the discovery of Ammonoidea in the lower Kazanian deposits of the Russian Platform. p.114.

Nekhoroshev, V.P. - Bryozoa in Ordovician deposits of Kazakhstan. p.115.

Nekhoroshev, V.P. - First discoveries of the genus Unitrypa in the U.S.S.R. p.115.

Mokin N.P. - Some consistencies in the occurrence of plant remains in Quaternary deposits of northwestern Siberia. p.117.

Polevaia, N.I., Chernova, N.N., Mirkina, S.L. Determining small quantities of magnesium by means of radioactive phosphorus. p.119.

Polevaia, N.I., Mirkina, S.L. - Determining small quantities of rubidium in the presence of potassium. p.123.

Ivanova, V.P., Bindul', F.IA. - Rapid differential thermal analysis using the SGM-8 polarograph. p.127.

Ivanova, V.P., Bindul', F.IA. - Using a thermogravimetric device for rapid phase analysis. p.132.

Isakov, P.M., Potylitsyna, L.G. - New method for the decomposition and splitting of minerals by means of ammonium nitrate. p.140.

Shukoliukov, IU.A. - Application of the argon method to a nomogram and slide rule for calculating the age of rocks and minerals. p.142.

Bindul', F.IA., Ivanova, V.P., Taldykin, S.I. - Improved design of the BIT-3 electromagnet for isolating monomineral fractions. p.145.

IAkovlev, S.A. - Review of I.G.Pidoplichko's work "The Glacial epoch," and the combined work of I.G.Pidoplichko and P.S.Makeev "Climates and landscapes of the past," p.147.

Dominikovskii, V.N. - Mineralogical errors in the book by I.A.Preobrazhenskii and S.G.Sarkisian "Minerals of sedimentary rocks (applicable to the study of petroleum-bearing deposits)." p.153.

Ovechkin, N.K. - All-Union conference on general problems of stratigraphic classification. p.157.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vol. 13, 1956.

Title translated:

Nekhoroshev, V.P. - Lower Carboniferous Bryozoa of the Altai and Siberia. 418 p.

Title transliterated: Nekhoroshev, V.P. - Nizhnekamennougol'nye mshanki Altaia i Sibiri. 418 p.

Vol. 17, 1956.

Title translated:

IAkovlev, S.A. - Principles of the geology of Quaternary deposits of the East European Plain; stratigraphy with a supplementary map (1:5,000,000) showing Quaternary deposits of European U.S.S.R. 313 p.

Title transliterated: IAkovlev, S.A. - Osnovy geologii chetvertichnykh otlozhenii Russkoi ravniny; stratigrafiia s prilozheniem karty chetvertichnykh otlozhenii Evropeiskoi chasti SSSR v mashtabe 1:5,000,000. 313 p.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGO-RAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No.93, 1956.

Title translated:

Liubimova, P.S. - Ostracoda of Cretaceous deposits in the eastern part of the Mongolian People's Republic and their importance for stratigraphy. 174 p. 25 tables.

Title transliterated: Liubimova, P.S. - Ostrakody melovykh otlozhenii Vostochnoi chasti Mongol'skoi Narodnoi Respubliki i ikh znachenie dlia stratigrafii. 174 p. 25 tables.

No. 95, 1956. Geologicheskii sbornik [Collected geological works], pt. 2.

Table of contents translated:

Foreword. p.3.

Kleinberg, V.G. - Facies of oil-bearing possibilities of the Fergana Paleogene deposits. p.5.

Milaushkin, P.F. - Gas and oil occurrence in the profile of terrigenous strata of Devonian deposits in the upper Izhma Valley of the Komi A.S.S.R. p.15.

Aizenshtadt, G.E.-A. - Classification scheme of oil pools in the Emba salt domes. p.21.

Peshtich, E.L. - Classification of oil and gas pools of the northeastern Caucasus. p.31.

Sokolov, B.S. - Comparative characteristics of Pre-Eifelian deposits of the central and eastern regions of the Russian Platform. p.36.

Sokolova, E.I. - Correlation of the gypsum-dolomite series of the lower Permian in the northwestern Donets Basin. p.89.

Razmyslova, S.S. - Stratigraphy of Paleogene deposits in the northwestern and northern escarpments of Ust-Urt. p.112.

Bykova, N.K., Simakov, S.N. - Paleogene of Zevar. p.129.

Simakov, S.N. - New data on the stratigraphy of the lower Paleogene of the Tajik Depression. p.136.

Kartseva, G.N. - New data on the age of the Barzas series. p.143.

Kartseva, G.N., TSyrlina, V.B. - Stratigraphy of Devonian deposits in the Kuznetsk Basin. p.147.

D'iakov, B.F., Timofeev, B.V. - Age of metamorphic rocks of Kamchatka Peninsula. p.165.

Turishchev, I.E. - Formation of chalk deposits in southeastern Mongolia. p.171.

Gmid, L.P. - Petrology of argillaceous coal-rich rocks of Chokrak and Karagan deposits in the Groznyy-Daghestan region. p.180.

Khramov, A.N. - Possibility of stratigraphic correlation and differentiation of sedimentary strata according to the vector of residual magnetic property. p.198.

Peshtich, E.L. - Main tectonic features of the Sura Valley. p.209.

Aizenshtadt, G.E.-A. - Classification scheme of the southern Emba salt domes. p.214.

Milaushkin, P.F. - Some new data on the tectonic structure of the upper Izhma region in the Komi A.S.S.R. p.222.

Gatal'skii, M.A. - Significance of dynamics in the formation of underground waters of the Russian Platform. p.232.

Krotova, V.A. - Some general regularities of the chemical affinity of Paleozoic underground waters in the Volga-Ural oil-bearing province. p.243.

Krotova, V.A. - Chloride-bromide ratio of underground waters. p.254.

Andreev, P.F. - Role of external conditions and internal factors in processes of the formation and change of petroleum in nature; some problems in the theory of petroleum origin. p.260.

Andreev, P.F. - Mechanism of processes of the transformation of organic matter in reduction conditions of bottom deposits. p.293.

Bogoroditskaia, N.I. - Origin of petroleum type bitumen in coal-bearing deposits of Karagandy. p.317.

Uspenskii, V.A., Mandrykina, IU.A. - Discovery of scheererite in fossil wood from upper Sarmatian deposits of Taman'. p.322.

Domenkova, P.IA. - Relationship between vanadium, nickel and petroleum components from Tertiary deposits of Albania. p.330.

Andreev, P.F., Andreeva, I.V. - Internal structure of paraffinic oils. p.365.

Karimov, A.K. - Relation of the sulfur content to the total composition of Second Baku oils. p.384.

Bogomolov, A.I. - Petroleum from the Tyuleniy Island region on the Mangyshlak Peninsula. p.397.

Bogomolov, A.I., Panina, K.I., Andreeva, E.G. - Composition and properties of Berezovo oil of Tyumen' Province. p.400.

Bogomolov, A.I., Vasil'eva, G.M. - Composition and properties of Oshinskiy petroleum of Irkutsk Province. p.405.

Bogomolov, A.I., Panina, K.I. - Petroleums found in Cambrian deposits of Yakutia. p.411.

Andreev, P.F., Polinkova, N.N. - Coefficient of heat expansion of oils from the Groznyy region. p.422.

Glebovskaia, E.A. - Using the method of infrared absorption spectra in studies on the geochemistry of oil. p.441.

Kalchenkov, S.M., Plegontova, E.I. - Spectral analysis data indicating the occurrence of chemical elements in sedimentary rocks, brines, and ashes of petroleums from the Groznyy-Daghestan region. p.461.

Kazmina, T.I., Malmin, Z.L., Petrova, IU.N. - Some geochemical evidence on conditions of the formation of deposits of the Devonian basin in the northwestern region of the Russian Platform. p.497.

IUrganov, N.N. - Geochemical study of sedimentary rocks of the Katangli oil field in northern Sakhalin. p.511.

IUrganov, N.N. - Comprehensive geochemical studies of sedimentary rocks for purposes of facies analysis. p.521.

MINERALOGICHESKII SBORNIK [MINERALOGICAL REVIEW]. Issued by L'vovskoe geologicheskoe obshchestvo [Lvov Geological Society]. Lvov, no. 5, 1951.

Table of contents translated:

Lazarenko, E.K. - Current tasks facing Soviet mineralogy. p. 3.

Bolov, N.V. - Part 2: Report on structural mineralogy. p. 13.

Varteresovich, A.A., Piotrovskii, G.L. - Crystallographic research on Transcarpathian " wolsyn." p. 37.

Shafranovskii, I.I. - Conical surfaces in mineral crystals. p. 51.

Valiashko, M.G. - Structural characteristics of deposits of present-day halite. p. 65.

Povarennykh, A.S. - Classification of the luster of minerals. p. 75.

Lazko, E.M. - Role of pneumatolysis in mineral formation. p. 83.

Kuznetsov, V.I. - The place of pegmatites in the formation process of one of the granite bodies. p. 99.
Grushkin, G.G., Khel'vas, I.G. - Crystallization of hydrothermal quartz from colloid solutions. p. 113.
Lesniak, V.F. - Data on minerals of the weathering zone of Transcarpathian effusives. p. 127.
Sidorenko, Ek. - Mineralogy of igneous rocks of the Vyshkov region in Transcarpathia. p. 140.
Sobolev, V.S., Gorbachevskaia, O.N. - Aegirite in tuffite from Tertiary deposits of the Carpathian piedmont. p. 150.
Polovinkina, IU.Ir. - Aegirites of the Krivoi Rog iron ore deposits. p. 167.
TSyganov, E.M. - Iron oxides and iron hydroxides in pegmatites of Volhynia. p. 170.
Gershoig, IU.G. - The nature of the ore mineral of so-called colored ores found in Krivoi Rog. p. 187.
Bobrovnik, D.P. - Wollastonite from crystalline limestone in the vicinity of Gnivan'. p. 193.
IAsinskaia, A.A. - Relation of the main physical characteristics of sphalerites to their chemical composition. p. 201.
Kostiuk, V.P. - Magnesia-ferric minerals from crystalline shales of the Bug complex. p. 211.
Makhinin, V.A. - Mineralogy of glauconites from Oligocene deposits of the Ukrainian crystalline massif. p. 219.
Logvinenko, N.V. - Authigenic minerals of the pay formation of the Donets Carboniferous. p. 227.
Arkhipova, L.D. - Mineralogy of Kobyletskaya Polyana in the Transcarpathian Mountains. p. 243.
Korobtsova, M.S. - Kainite from salt-bearing deposits of the Carpathian Mountain region. p. 253.
Alent'ev, A.A., Bardina, N.T. - Characteristics of crystalline forms of MgO obtained from natural solutions. p. 261.
Vul'chin, E.I. - Physicochemical interpretation of thermometric measurements by homogenizing inclusions. p. 267.
Smorodin, V.A. - Application of microcinematography in mineralogical research. p. 291.
Gogoberidze, D.B. - Surface crystallization. p. 297.
Gogoberidze, D.B. - Zonal and concholdal structure in crystals. p. 298.
Vadilo, P.S. - Skeletal growth crystals. p. 299.
Chirvinskii, P.N. - Some simple class-room experiments on the division of plane-polarized light. p. 303.
Zolotukhin, V.V. - Accuracy in determining axiality on the Fedorov stage (without a polariscope). p. 305.
Kuznetsov, V.I. - Universal stereographic ruler. p. 307.
Lapchik, F.E. - Role of certain minerals in the correlation of magmatic rocks. p. 311.
Sobolev, Vladimir. - Concerning the terms "alkali amphibole" and "alkali pyroxene." p. 316.
Kuznetsova, L.S., Chirvinskii, P.N. - The probable origin of calcite film on water surfaces in karst formations. p. 319.
Gorzhevskaia, S.A. - Varieties of smithsonite. p. 324.
Bobrovnik, D.P. - Jarosite of the Carpathian Mountain region. p. 329.
Sidorenko, E. - Barite and quartz of the Vyshkov region in Transcarpathia. p. 334.
Abramovich, IU.M. - Sphene from Tok station in the Dnepropetrovsk region. p. 337.
Sokolov, D.IU. - Hypersthene from dacite from Glubokoye in Transcarpathia. p. 340.
Polovinkina, IU.Ir. - Granite from cummingstonite shales of Krivoi Rog. p. 342.
Lazarenko, E.K. - Apatite from pegmatite veins of western Volhynia. p. 344.
Pekun, IU.F. - Hornblende from hornblende andesite from the village of Velyatino in Transcarpathia. p. 347.
Gabinet, M.P. - Hornblende from amphibolites of the Marmaroshskiy massif. p. 352.
Komlev, A.I. - Lvov glauconite as raw material for water softening and for dye production. p. 355.
Lazarenko, E.K., Laz'ko, E.M. - "Research in mineral forming solutions; temperatures and aggregate state" by N.P.Ermakov. p. 359.
Lazarenko, E.K. - Literature on the mineralogy of the Ukraine for 1950. p. 369.
In memory of Vladimir Aleksandrovich Sel'skii. p. 375.
In memory of Mikhail Kapitonovich Shmat'ko. p. 377.
Brief news. p. 379.

No. 10, 1956.

Table of contents translated:

The Lvov Geological Society. p. 5.
Belov, N.V. - Part 7. Studies in structural mineralogy. p. 10.
Shafranovskii, I.I. - The general principle of symmetry and the shape of sea pebbles. p. 33.
Shakhov, F.N. - Origin of granitic magmas. p. 39.
Gertsenberg, Robert. - The colloidal theory of the origin of tin deposits of Bolivia, and some minerals contained in these deposits. p. 50.
Sobolev, V.S. - Supplements to fusibility diagrams for the systems nepheline-kallophilite-silica and orthoclase-albite-anorthite. p. 68.
Kaliuzhnyi, V.A. - New observations on phase transitions in liquid inclusions. p. 77.
Gritsaenko, G.S. - Using the electron microscope for studying finely dispersed minerals. p. 81.
Dmitrievskii, V.S. - Standard chemicomineralogical types of mica-quartz and topaz-quarts in greisens. p. 86.
Laz'ko, E.M. - Comparative characteristics of crystal quartz veins and Alpine type veins. p. 94.
Kostov, Ivan. - Classification of oxides. p. 105.
Serdiuchenko, D.P. - Classification of montmorillonitic minerals. p. 132.
Koch, Sandor. - Minerals in Hungarian basalts. p. 135.
Bura, G.G. - Structures of "colored" ores of the Krivoi Rog iron ore basin. p. 147.
Zeliger, Erich. - Natural intergrowth of minerals. p. 154.
Padera, K., Fisera, E. - Is arsenolamprite a mineral existing as a second variety of arsenic? p. 160.
Kutina, Jan. - The chemistry of sphalerite in spherosiderite cavities at Gmidous near Kladno, Czechoslovakia. p. 165.
Lazarenko, E.K. - Tetrahedrites. p. 171.
Zak, Lubor. - The thermal study of MnS. p. 212.
Yeh Chih-cheng. - Bauxite deposits of Tze-Po. p. 228.
Slivko, M.M., Fishkin, M.IU. - Mineralogy of carbonaceous concretions from Jurassic deposits of Kara-Dag. p. 235.
Tkachenko, O.F. - So-called cayeuxite concretions. p. 245.
Varteresevich, A.A. - Vein barite from the kaolin deposit of Mount Beregovo in Transcarpathia. p. 251.
Agafonova, T.N. - Peculiarities of labradorite iridescence. p. 263.
Beus, A.A., Zalashkova, N.E. - Origin of the sodium variety of beryl in granitic pegmatites. p. 273.
Matkovskii, O.I. - Epidotization of granitoids in the Osnitskiy complex of Volhynia. p. 288.
Khetchikov, L.N. - Ilvaite of skarn-polymetallic deposits. p. 298.
Malkova, K.M. - Celadonite of the Bug Valley. p. 305.
Sobolev, V.S., Soboleva, O.S. - The relation between the solubility of isomorphic salts in water and their occurrence in the liquid phase and in crystals. p. 319.
Gnevushev, M.A. - Photoluminescence of diamond. p. 325.
Fishkin, M.IU. - Tridymite in leucocratic andesite of the Chop Depression. p. 329.
Perederiev, V.A. - The isocolloidal series pyrolusite-psilomelane-manganite in Nikopol' manganese oxide ores. p. 331.
IAsinskaia, A.A., Koltun, V.I. - Pseudomorphoses of dolomite after rock salt in deposits of the Stebnitskaya series in the Carpathian piedmont region. p. 339.
Vialov, O.S. - Conditions of the formation of the calcitic band in Kimmeridgian deposits of the Izyum region. p. 341.
Shustov, V.A. - Fracturing and deformation of muscovite crystals in pegmatite veins of the Ukrainian crystalline shield. p. 342.
Shashkina, V.P. - Chlorophaeite from Volhynian basalts. p. 346.
Lazarenko, E.K. - Celadonite from Volhynian basalts. p. 352.
Mikol, A.IA. - Notes on the mineralogy of glauconite. p. 356.
Kuznetsov, V.I., Shevyrev, S.I. - Morphology of glauconite from Cretaceous deposits of the outer zone of the Carpathian piedmont fault. p. 359.
Karinkin, L.I. - History of the Mineralogical Museum of Kharkov University. p. 363.
Grigor'ev, D.P., Lazarenko, E.K. - Works of professor I.I.Shafranovskii. p. 369.
Mikheev, V.I., Shafranovskii, I.I. - In memory of A.K.Boldyrev. p. 373.
Mehedlov-Petrosian, O.P. - D.S.Korzhinskii's article "Exaggerated role of solar energy in the energetics of the earth's crust." p. 381.
Slivko, M.M. - Possibilities of using thermal discoloration of minerals in mineralogical thermometry. p. 383.
Gorzhevskii, D.I. - About the book "Conditions of the formation of ore and nonmetallic deposits" by P.M.Tatarinov. p. 387.
Maksimenko, F.F. - Bibliography on mineralogy of the Ukraine for 1955. p. 391.
Brief news. p. 416.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten' [MOSCOW NATURALISTS' SOCIETY, Bulletin]. New series, vol. 61, Otdel geologicheskii [Geological Section]. Moscow, vol.31, no.3, May-June 1956.

Table of contents translated:

Khain, V.E., Milanovskii, E.E. - Main features of the present-day relief of the earth's surface and neotectonics. Part I. Types of megarelief of continental massifs. p. 3.
Balaev, V.A. - Main stages in the development of tectonic structures of the Devonian period in the Volga-Ural region. p. 37.
Zekkel', IA.D. - Stratigraphy and paleogeography of the Kazanian stage. p. 57.
Nevesskaia, L.A. - Biostratigraphy of marine Quaternary deposits of Turkmenia. p. 66.
Glukhov, I.G. - Some data on Quaternary deposits in the Sivash region of the Crimean steppe. p. 81.
Shul'ga, V.F. - A Karst phenomenon in limestones of the lower Carboniferous in the southern wing of the Moscow Basin. p. 89.
Chernov, A.A. - "Geological dictionary," volume 1, A-L. p. 95.
Activity of geological sections of the Moscow Naturalists' Society. p. 99.
Supplements. p. 107.

Vol. 31, no. 4, July-Aug. 1956.

Table of contents translated:

Khain, V.E., Milanovskii, E.E. - Main features of the present-day relief of the earth's surface and neotectonics. Part 2: Types of megarelief of oceans and transitional regions. p. 3.
Goretskii, G.I. - The lower limit of the Quaternary period. p. 29.
Feniksova, V.V. - Stratigraphic role of the "dark blue argillaceous" horizon in the Cenozoic of the middle Ob' Valley. p. 45.
Grigor'ev, V.N. - Characteristics of the lower Cambrian flysch on the northeastern margin of the Yenisey Ridge. p. 55.
Samoilov, V.G., Mamina, S.E. - Combating seepage of water from water basins. p. 65.
Popov, G.I. - "Age correlation of deposits of the Uzunlarskoye and Karangatskoye overlaps" by G.I. Goretskii. p. 77.
Smekhov, E.M., Kirkinskaia, V.N. - "Stratigraphy of Tertiary deposits of Sakhalin" by S.N. Alekseichik, I.N.Kuzina, I.I.Ratnovskii. p. 81.
Nemkov, G.I. - "Nomenclature of the upper Eocene of northwestern Europe" [in German] by I. Klass. p. 85.
Activity of geological sections of the Moscow Naturalists' Society. p. 97.
Supplement. p. 99.

VOPROSY MIKROPALEONTOLOGII [PROBLEMS OF MICROPALEONTOLOGY]. Issued by Geologicheskii institut Akademii nauk SSSR [Geological Institute of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1956.

Table of contents translated:

From the editor. p. 3.
Rauzer-Chernousova, D.M. - Lower taxonomic units in the systematics of Foraminifera. p. 5.
Shchedrina, Z.G. - Results of the study of Foraminifera in U.S.S.R. seas. p. 23.
Krashenninikov, V.A. - Methods of studying the microstructure of the shell of certain Cenozoic Foraminifera in polarized light. p. 37.
Kaptarenko-Chernousova, O.K. - Species formation and systematics of Jurassic Epistominids. p. 49.
Brazhnikova, N.E., IArtseva, M.V. - Evolution of the genus Monotaxis. p. 62.
Reitlinger, E.A. - The new family, Lasiodiscidae. p. 69.
Morozova, V.G. - Miniature trays for separating and selecting microfauna. p. 79.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Uzbekistanskoe otdelenie. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Uzbekistan Branch. Records]. Tashkent, no. 8, 1954.

Table of contents translated:

Abdullaev, Kh.M. - Metallogenic significance of dike formations. p. 3.
Khamrabaev, I.Kh. - Relationship of aplites, pegmatites, and other vein minerals in intrusives of western Uzbekistan. p. 17.
Baimukhamedov, Kh.N. - Age of lamprophyres of the Zirabulak Hills in western Uzbekistan. p. 33.
Urazaev, B.M. - Some dike formations of the Zirabulak Hills. p. 41.
Vis'nevskii, IA.S. - Lamprophyric diorites of Kan. p. 45.
Mirkhodzhaev, I.M. - Dikes of the Lashkerak River Basin. p. 51.
Radzhabov, F.Sh. - Role of volatile components in assimilation processes. p. 57.
Mirkhodzhaev, I.M. - Petrology of the Dupkurskiy intrusive in the Naryn River Basin. p. 61.
Batalov, A.B. - Structural characteristics of certain skarn zones in western Tien Shan. p. 73.
Vasilevskii, B.F. - Age and origin of corundum in the southern Nura-Tau. p. 83.
Musin, R.A. - Age and origin of corundum in the southern Nura-Tau (comments on B.F. Vasilevskii's article). p. 91.
Vilenskii, A.M. - Formation of perthites. p. 97.
Grushkin, G.G. - Results of a thermometric study of calcites. p. 109.
Matsokina-Voronich, T.M. - Discovery of franckeite. p. 117.
Tepikin, E.K. - Intensification and extension of work in the chemical analysis of eruptive rocks. p. 121.
Korolev, A.V. - Classification of morphogenetic types of post-magmatic ore bodies. p. 126.
Nikiforov, N.A., Korolev, V.A. - Method for compiling a detailed geological prognostic map. p. 131.

## 13. SCIENCE

### a) GENERAL

AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 110, no. 2, Sep. 1956.

Table of contents translated:

MATHEMATICS:

Vorovich, I. I. - Certain cases of the existence of periodical solutions. p. 165.

Zubov, V. I. - Investigation of the equilibrium position neighborhood for a system of differential equations. p. 169.

Lidskii, V. B. - Completeness of the eigen- and associate functions of a non self-adjoint differential operator. p. 172.

Neishuler, L. IA. - $k$ - term tabulation, a reduction of the number of experiments in compiling the "initial table" and a splitting of empirical functions of three or four variables. p. 176.

Nikolaeva, G. A. - Approximate conformal mapping by means of conjugate trigonometric series. p. 180.

Trenogin, V. A. - Uniqueness of the representation of functions of many variables by a superposition of unctions of a smaller number of variables in Banach spaces. p. 184.

MECHANICS:

Volk, I. M. - On a certain class of natural oscillation systems. p. 189.

ASTRONOMY:

Sitnik, G. F. - Energy distribution in the continuous spectrum of the central portion of the solar disc measured in absolute units. p. 193.

MATHEMATICAL PHYSICS:

Sveshnikov, A. G. - An approximate computation method in designing a slightly irregular wave guide. p. 197.

PHYSICS:

Dorfman, IA. G. - Diamagnetic resonance in strongly magnetic bodies. p. 201.

Solov'ev, L. D. - The infrared asymptotic of Green's electron function computed with an accuracy of up to $e^{\frac{1}{t}}$. p. 203.

TECHNICAL PHYSICS:

Kozyrev, P. T., Nasledov, D. N. - Changes in the electrical conductivity of selenium polycrystals subjected to pressures up to 30, 000 atm. p. 207.

Linchevskii, B. V., Samarin, A. M. - Oxidation of manganese dissolved in liquid iron. p. 209.

Smirnov, N. N. - Dispersive properties of multifilar helixes. p. 212.

CHEMISTRY:

Kabachnik, M. I., Godovikov, N. N. - Synthesis of thiophosphinic acid chlorides. p. 217.

Korshun, M. O., Bondarevskaia, E. A. - Simultaneous determination of oxygen and halogens (chlorine, bromine and iodine) in organic substances. p. 220.

Kuskov, V. K. - Condensation of aldehydes with acetic anhydride in the presence of a boron acetate. p. 223.

Tilichenko, M. N., Kharchenko, V. G. - Synthesis of alicyclic 1, 5-diketones from mono- and diarylidencyclanones. p. 226.

Shchukina, M. N., Predvoditeleva, G. S. - Transforma- [illegible] para-nitrotoluenes in the alkaline [illegible] of [illegible] net- [illegible] of

Basin, an analog to the Ostrog series of the Kuznetsk Basin. p. 267.

Repina, L. N. - Paleontologic data for determining the age of Cambrian deposits in the western part of the Eastern Sayan. p. 269.

Semikhatov, M. A., Khomentovskii, V. V. - Stratigraphy of pre-Cambrian deposits of the western part of the Eastern Sayan. p. 273.

PALEONTOLOGY:

Bystrov, A. P. - Kolymaspis sibirica gen. nov, sp. nov. p. 277.

Mastov, V. P. - New Devonian red algae from the Kuznetsk Basin and the evolution of Corallinaceae. p. 280.

HISTOLOGY:

Kirpichnikova, E. - Glycogen in the cardiac muscle of chick embryos. p. 285.

Raikov, I. B. - Nucleic acids in the infusorium Trachelocerca phoenicopterus (Holotricha). p. 289.

Suvorova, L. V. - Study of mitotic activity in certain mammals and birds subjected to pain stimuli and adrenalin administration at different stages of their individual development. p. 293.

IUshkevich, N. L., Kedrovskii, B. V. - Histochemical distribution of protein-bound tryptophan in some mammalian tissues. p. 297.

EXPERIMENTAL MORPHOLOGY:

Faktorovich, K. A. - Liver regeneration in the trout Salmo irideus. p. 301.

PHYSIOLOGY:

Manoilov, S. E., Lazovskaia, A. V., Orlov, B. A. - Effect of X rays emitted from different anodes on the work of an isolated frog heart. p. 305.

EMBRYOLOGY:

Isachenko, Z. F. - Zygote transplantation technique for investigating the effect of X rays on the embryogeny in mammals. p. 309.

Vol. 110, no. 3, Sep. 1956.

Table of contents translated:

MATHEMATICS:

Zinger, A. A. - On the independence of polynomial and quasipolynomial statistics. p. 319.

Koshelev, A. I. - On the boundedness in $L_p$ of the derivatives of solutions of elliptical equations and elliptical systems. p. 323.

Mel'nikov, G. I. - Some problems concerning the Liapunov's direct method. p. 326.

Ogievetskii, I. E. - Some tauberian theorems for double series. p. 330.

Pugachev, B. P. - On two methods for the approximate calculation of eigenvalues and eigenvectors. p. 334.

Ryzhkov, V. V. - On the order of applicability of surfaces with corresponding conjugate systems. p. 338.

MECHANICS:

Artobolevskii, I. I. - Two new precise guiding mechanisms. p. 341.

Chelomei, V. N. - On the possibility of increasing the stability of elastic systems by means of vibrations. p. 345.

AERODYNAMICS:

Grigorian, S. S. - On a problem in the theory of finite-span wings. p. 348.

MATHEMATICAL PHYSICS:

Arzhanykh, I. S. - Chain systems in mesons fields. p. 351.

Babich, V. M. - A radial method for computing the intensity of wave fronts. p. 355.

PHYSICS:

Ginzburg, L. V. - Macroscopic theory of superconductivity valid for every temperature. p. 360.

Kashaev, S. -Kh. G. - Exchange interaction in certain paramagnetics. p. 362.

[illegible] A., Osipov, IU. I. - Data on the investigation [illegible] isotope shift in the spectrum of neodymi- [illegible].

[illegible] A., Stopanov, B. M. - Dispersion correla- [illegible] $\pi^-$-meson photoproduction reactions.

[illegible] - On thermal fluctuations in continuous [illegible] 371.

[illegible] A. P. - The biological role of radioactive [illegible] p. 375.

[illegible] IA., Zinov'eva, E. G. - Effect of small [illegible] of ionizing radiation on paramaecium [illegible] a contribution to the problem of radio- [illegible]). p. 379.

[illegible] PHYSICS:

[illegible] F. - Plastic sagging of ice beams.

[illegible] I., Benashvili, E. M. - Using urea for [illegible] of n-paraffins in the 200-250° fractions [illegible] troleum. p. 387.

[illegible] - On the mechanism of the trans-effect.

[illegible] I. - The application of the Hammett [illegible] organic compounds of elements. The [illegible] onstants of phosphorus acids. p. 393.

[illegible] EMISTRY:

[illegible] A. - Redox properties of diffuse atomic [illegible] the surface of a polarized electrode in

alkaline solutions. p. 397.

Berlin, A. A. - On the chemistry of active [illegible] forming following the mechanical destruction [illegible] polymers. p. 401.

Vladov, Dim. - The heterogeneous and [illegible] mechanism underlying a catalytic decomposition [illegible] ammonia. p. 404.

Gachkovskii, V. F. - Structure and fluorescence [illegible] magnesium phthalocyanine adsorbates on $ZrO_2$, $Al_2O_3$, ZnO and glass. p. 408.

Markov, B. F., Shumina, I. A. - Electric conductivity of binary salt melts, as dependent on [illegible] p. 411.

Pletenova, N. A., Epifanov, G. I. - Effectiveness of action of liquid media in the cutting of [illegible] p. 414.

BIOCHEMISTRY:

Promyslov, M. Sh. - Investigation of the nitrogen-containing constituents in the brain of rabbits following prolonged sleep induced by [illegible] p.

GEOLOGY:

Bessonov, In. Iv. - Composition of the ancient substratum of Ciscaucasia. p. 421.

Klubov, V. A. - Diagonal strikes in the present-day structure of the Tatar anticline. p. 423.

Miklukho-Maklai, A. D., Ruzhentsev, V. E. - [illegible] characteristics of the upper Carboniferous [illegible] the Kara-Chatyr Range in southern Fergana. p. 4[illegible]

Solov'ev, V. K. - Stratigraphy of the lower Triassic of the Volga region. p. 430.

Suleimanov, I. S. - Stratigraphy of Mesozoic coal [illegible] in western Uzbekistan. p. 434.

Ustritskii, V. I. - On the northward extension [illegible] the Urals. p. 437.

Fotiadi, E. E. - Structure of the crystalline basement of the Russian Platform according to data of deep boring and of regional geophysical investigations. p. 440.

PETROGRAPHY:

Sedletskii, I. D., Anan'ev, V. P. - Volcanic ashes from the loess layers of the southern European part of the U. S. S. R. p. 445.

PALEONTOLOGY:

Dorofeev, P. I., Mezhvilk, A. A. - Pliocene deposits and the flora of the Kuroyka Valley. p. 449.

Popov, P. A. - Trapa L. pollen discovered in the Tertiary deposits of the Yenisey Ridge. p. 453.

CYTOLOGY:

Aleksandrov, V. IA., Arronet, N. L. - Adenosine-triphosphate causes ciliary motion in the ciliate epithelium "killed" by glycerine extraction (a [illegible] lular model"). p. 457.

Bogomolova, N. A. - Role of nucleic acids in the oogenesis and fertilization of Fasciola hepatica L. p. 461.

HYDROBIOLOGY:

Semina, G. I. - Composition and distribution of phyto-plankton in the northwestern part of the Pacific during the spring and autumn of 1955. p. 465.

MICROBIOLOGY:

Sukhov, K. S., Kupitsa, O. S. - Discovery of a "noninfectious" phase in the development of the tobacco mosaic virus. p. 469.

ZOOLOGY:

Kaufman, Z. S. - Difference in the rate of metamorphosis of the anterior or posterior halves in the planulae of Scyphomedusae. p. 473.

Savilov, A. I. - Pleiston biocenosis of the Valella lata Chamisso et Eysenhardt, Siphonophora in the Pacific. p. 476.

PHYSIOLOGY:

Koshtoiants, Kh. S., Ponkonova, M. A. - Humoral transmission of the periodical influence of the vagus nerve upon the heart. p. 481.

Strolin, G. S., Suvorova, L. V. - Role of vitamin C in the mechanism of the reactive inhibition of cell division observed in animals subjected to pain stimuli. p. 483.

Shevelova, V. S. - Electrophysiological evaluation of the functional characteristics of fibers in the cervical sympathetic preganglionic trunk in the cat. p. 487.

EMBRYOLOGY:

Alecv, IU. G. - Effect of low temperatures on the stimulation of trophoplasmatic growth of oocytes in fishes. p. 491.

Anorova, N. S. - Particular features of early stages of embryonic development of eggs in chicks of various age. p. 494.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]. Moscow, vol. 10, 1956. Istoriia fiziko-matematicheskikh nauk [History of physico-mathematical sciences].

Table of contents translated:

From the editors. p. 1.

Delone, B. N. - E. S. Fedorov as a geometrician. p. 5.

Ansheles, O. M. - E. S. Fedorov and contemporary crystallography. p. 13.

Bokii, G. B. - E. S. Fedorov and crystallochemistry. p. 19.

Shafranovskii, I. I. - E. S. Fedorov and the Academy of

Sciences. p. 28.
Eliseev, N. A. - Sixtieth anniversary of E. S. Fedorov's universal method. p. 66.
Grigor'ian, A. T., Polak, L. S. - Outline of the history of mechanics in Russia in the second part of the 19th century and in the beginning of the 20th century; from 1861 to 1917. p. 85.
Lilienskii, I. B. - History of the invention and development of M. V. Lomonosov's gas barometer. p. 164.
Freiman, L. S. - History of the proof of Coriolis' theorem. p. 213.
Vasil'ev, O. F. - I. S. Gromeka's scientific heritage. p. 245.
Gulo, D. D. - N. A. Umov's works on optics. p. 269.
Kol'man, E. IA. - Infinity in ancient Greek mathematics. p. 299.
Zubov, V. P. - Nicholas of Autrecourt and the ancient Greek atomists. p. 338.
Prudnikov, V. E. - On academician S. E. Gur'ev biography. p. 364.
Budylina, M. V. - François Arago's letters to G. V. Orlov. p. 393.

Vol. 12, 1956. Istoriia khimicheskikh nauk i khimicheskoi tekhnologii [History of chemical sciences and chemical technology].
Table of contents translated:
Shchukarev, S. A., Dobrotin, R. B. - D. I. Mendeleev's works on the theory of atoms and molecules from 1856 to 1859. p. 3.
Figurovskii, N. A., Kurinnoi, V. I. - Development of atomic theory in the works of Russian chemists of the first half of the 19th century. p. 12.
Kapustinskii, A. F. - Andrei Sniadetskii and the Vilnius school of chemists. p. 22.
Libman, E. P. - R. I. German's works on chemistry and mineralogy of rare metals. p. 40.
Kipnis, A. IA. - D. N. Abashev's works on the theory of solutions. p. 56.
Starosel'skii, P. I. - Scientific work of N. A. Shilov. p. 73.
Riago, N. IA. - History of the Department of Chemistry of the Tartu State University. p. 105.
Markovnikov, V. V. - Moscow lecture on Butlerov; edited and commented by IU. S. Musabekov. p. 135.
Glinka, S. F. - Aleksandr Mikhailovich Butlerov in private and family life. p. 182.
Bykov, G. V. - Life and work of Aleksandr Nikiforovich Popov. p. 200.
Plotrovskii, K. B. - Discovery of the catalytic action of aluminum halides. p. 246.
Musabekov, IU. S. - F. M. Flavitskii's works on the chemistry of hydrocarbons. p. 268.
Kozlov, V. V. - Vasilii Vasil'evich Sharvin. p. 285.
Uchastkina, Z. V. - Watermarks in Russian papers. p. 312.
Kliuchevich, A. S. - History of stearin-olein and candle production in Russia; I. P. Ilimov's work. p. 338.
Luk'ianov, P. M. - J. Liebig's unpublished letters to P. A. Il'enkov. p. 363.
Zubov, V. P. - F. I. Giese's unpublished outlines of the history of chemistry. p. 360.
Solov'ev, IU. I. - A. L. Potylitsyn's unpublished letters. p. 365.

Vol. 15, 1956. Istoriia fiziko-matematicheskikh nauk [History of physicomathematical sciences].
Table of contents translated:
From the editor. p. 3.
Vavilov, S. I. - In memory of A. N. Krylov. p. 4.
Ioffe, A. F. - A. N. Krylov in the Academy of Sciences. p. 6.
Smirnov, V. I. - A. N. Krylov's mathematical works. p. 13.
Idel'son, N. I. - A. N. Krylov's works on astronomy. p. 24.
Kravets, T. P. - In memory of A. N. Krylov. p. 32.
Shatelen, M. A. - Recollections of my meetings with Aleksei Nikolaevich Krylov. p. 40.
Kol'tsov, A. V. - A. N. Krylov's organizational activity in the Academy of Sciences from 1916 to 1920. p. 46.
A. N. Krylov's correspondence with S. O. Makarov, I. P. de-Kolong, N. E. Zhukovskii and others. Published by T. A. Krasotkina. p. 54.
Belozerov, S. E. - Some problems in the history of the theory of analytic functions. p. 169.
Polak, L. S. - William Rowan Hamilton; on the 150th anniversary of his birth. p. 206.
Zubov, V. P. - V. V. Bobynin and his works on the history of mathematics. p. 277.
Radovskii, M. I. - Applied physics in Saint Petersburg Academy of Sciences in the 19th century. p. 323.

AKADEMIIA NAUK SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. East Siberian Branch, Transactions], Moscow, No. 4, 1956. Seriia khimicheskaia [Chemical Series].
Kataliticheskaia gidrogenizatsiia [Catalytic hydrogenation].
Table of contents translated:
Preface. p. 3.
Kalechits, I. V., Salimgareeva, F. G. - Composition of the hydrogenate of phenols of primary tar from Cheremkhovo coal. p. 5.
Kalechits, I. V., Salimgareeva, F. G. - Destructive hydrogenation of certain individual phenols. p. 12.
Kotliarevskii, I. L., Korbukh, A. I. - Condensation of phenol with 1, 1, 1,-trichloro propene-2 and 1, 1, 3-trichloro propene-1. p. 26.
Kotliarevskii, I. L., Shishmakova, T. G. - Condensation of phenol with allyl chloride. p. 32.
Popova, N. I. - Using propylene in the industry of basic organic synthesis. p. 37.
Kotliarevskii, I. L. - Hydration of acetylene. p. 58.
Kotliarevskii, I. L. - Hydrogenation of acetylene compounds. p. 67.
Kalechits, I. V., Pavlova, K. A. - Composition of products of destructive hydrogenation of benzene with a tungsten-sulfide - nickel-sulfide - alumina catalyst. p. 81.
Kalechits, I. V., Pavlova, K. A. - Sequence of reactions during the destructive hydrogenation of benzene. p. 87.
Kalechits, I. V., Kaliberdo, L. M. - Splitting of hydrocarbons during destructive hydrogenation. Report 2. p. 94.
Samoilov, S. M., Zaidman, N. M. - Effect of tabletting on the specific surface and porosity of a methanol-zinc - chromium catalyst. p. 115.
Kalechits, I. V., Pavlova, K. A., Samoilov, S. M. - Change in the catalytic action and physical properties of the $WS_2$ catalyst with the weakening of its activity. p. 123.
Kalechits, I. V., Nikolaeva, D. Kh. - Using stationary catalysts for destructive hydrogenation of high-molecular raw materials. Report 1. Liquefaction of certain components of tars and hydrogenates of coals in the presence of $WS_2$ catalyst. p. 130.
Pinchuk, L. V., and others. - Using stationary catalysts for destructive hydrogenation of high-molecular raw materials. Report 2. Deactivation of modern industrial catalysts. p. 137.
Fisher, L. B., Fedoseeva, L. E. - Production of active aluminum oxide from local raw materials. p. 150.

AKADEMIIA NAUK URSR, Kiev. Dopovidi [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Reports], Kiev, no. 2, 1956. [In Ukrainian with summaries in Russian.]
Table of contents translated:
Lopatyns'kyi, IA. B. - Boundary properties of solutions of elliptic-type linear differential equations of second order. p. 107.
Kalashnikov, M. D. - Some methods of approximating continuous function of trigonometric polynomials. p. 113.
Dunduchenko, L. O. - Some properties of analytical functions of special classes. p. 119.
Ishlins'kyi, O. IU. - Electric modeling of channel stream flow. p. 124.
Denysiuk, I. M. - Dynamic stress in sudden loading of the lower end of a mine cable in relation to polynomials analogous to Laguerre polynomials. p. 127.
Humeniuk, V. S. - Free vibrations in plates of variable thickness. p. 130.
Tetel'baum, S. I., Rapoport, H. N. - Classification of dispersion characteristics in an undissipated wave guide having a periodic structure. p. 134.
Rossoshyns'kyi, O. A. - Distribution of some admixtures in welded joints. p. 137.
Starodubov, K. F., Cherniava's'ka, S. H. - Changing the corrosion resistance of hardened steel during tempering. p. 140.
Denysov, P. V., Buhatov, A. L. - Dynamics of changing the salt composition of the water of the Lozoven'ka River. p. 144.
Edel'shtein, A. IA. - Upper Silurian deposits of the Moldavian S.S.R. p. 147.
Vahanov, A. P., Onyshchenko, O. I. - Investigation of the efficiency of top dressing potatoes with superphosphates. p. 152.
Kaptarenko-Chernousova, O. K. - New species of foraminifera of the epistominid family. p. 157.
Makarenko, D. IE. - New finds of Nautilidae in lower tertiary deposits of the Ukrainian S.S.R. p. 162.
Diadchenko, M. H., Khatuntseva, A. IA. - Find of Grodnolite in Volyn. p. 169.
Mysevych, Z. A. - Best times for sowing winter wheat. p. 172.
Syrotina, M. I., Chala, M. F. - Oak-feeding silkworms as virus carriers. p. 177.
Vizir, A. P. - Effect of tree leaf fall on the intensity of ammonification of forest soils. p. 181.
Volkov, V. D. - Effect of some conditions of cultivation on the biochemical qualities of early (young) potato tubers. p. 185.
Shymans'kyi, M. K. - Inter-variety crossing of oil flax. p. 189.
Sauliak-Savyts'ka, M. M. - Method of investigating the relationship between brain and skull and their comparative evaluation. p. 192.
Hershenzon, S. M. - Investigation of the Japanese method of feeding silkworm larvae. p. 195.
Hyrenko, L. L. - Some remarks on the use of poisoned bait in controlling rodents. p. 197.
Fedorenko, A. P. - Birds as destroyers of beet weevils. p. 200.
IEmchuk, IE. M. - The spread of ticks (Argasidae) in the Ukraine. p. 205.

No. 4, 1956. [In Ukrainian with summaries in Russian.]
Table of contents translated:
Remez, IE. IA. - On an effective solution of systems of incompatible linear equations according to Chebyshevskii's principle of the best uniform approximation. p. 315.
Breus, K. A. - Inert irregular motion of a continuous cylinder. p. 321.
Kalashnykov, M. D. - One method of approximating functions satisfying the Lipschitz condition by trigonometric polynomials. p. 325.
Borziak, P. H.; Bibik, V. F., Kramarenko, H. S. - The nature of silver-oxygen-cesium photocathodes and their spectral sensitivity. p. 330.
Liashenko, V. I., Chorna, N. S. - Effect of illumination on the modulation of conductivity of semiconductors in the external electric field. p. 334
Lubchenko, A. F. - Absorption spectra and Raman effect in phenanthrene and tolane crystals. p. 336.
Tetel'baum, S. I. - Efficiency of a channel for wireless energy transmission from two "sail" antennas. p. 344.
Strel'byts'ka, O. I. - Limit load of one-contour frames subjected to the force of a perpendicular plane of a frame. p. 344.
Nazarov, O. O. - Large sags and the strength of a sloping envelope of double curvature hinged on all sides. p. 349.
Shcherban', O. N., TSyrul'nykov, A. S. - Determining the methane content of Donets Basin coals. p. 353.
Bondarchuk, O. S., Hushcha, O. I. - Device for controlling the conditions of mine cables. p. 360.
Nazarchuk, M. M. - Thermodynamic calculation of turbine nozzles subject to outflow losses. p. 362.
Shvets', H. I. - Basic characteristics of flow in the Dnieper River at Kremenchug. p. 365.
Sollohub, V. B. - Some data on the elastic properties of rocks found in the Moldavian S.S.R. p. 370.
Kunytsia, M. O., Radzilevs'kyi, V. I. - Characteristics of the geological development of the Goryn River Valley. p. 375.
Veklych, M. F. - Geomorphology of the valleys of the Ros' River system. p. 380.
Varava, K. M. - On the water system of Paleozoic deposits in the western part of the Pripet Polesye of the Ukrainian S.S.R. p. 384.
Baiukhovs'kyi, M. P. - Occurrence of saline tectonics on the borders of the Donets Basin. p. 388.
Polovko, N. I. - Fayalite quartzite of the right bank group of magnetic anomalies. p. 391.
Aizenverg, D. IE., Brazhnikova, N. IE., IArtsova, M. V. - Correlation of horizons of the lower Carboniferous in the region of the western extension of the Donets Basin. p. 394.
Shnlukov, IE. F. - Siderite from the northern section of the Krivoy Rog Basin. p. 398.
Diadchenko, M. H. - Andradite findings in the Bug River area. p. 402.
Kondratiuk, IE. M. - Fossil pine from the chalk deposits of Kanev. p. 405.
Cherniak, S. S. - Preserving sperm under refrigeration and its effect on the sex ratio in the offspring of rabbits. p. 408.
Luk'ianov, I. P. - New species of amphipod gammaridae in the middle Dnieper. p. 412.

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 31, no. 11, Nov. 1956.
Table of contents translated:
Moskatov, Evgenii. - Story of a machine. p. 1.
Smirnagina, A. - Contrasts in the family of machine tools. p. 7.
Vol'pert, I. - In the laboratory of dreams. p. 11.
Suslov, E. - Value of a discovery. p. 16.
Kulaev, M. - Story of a great life "Road of discoveries" by M. Arlazorov. p. 19.
Pelevin, V. - Writer, traveller, and scientist. p. 21.
Popovskii, Mark. - Medicines of the future. p. 24.
Stepanov, IU. - Electromagnet. p. 28.
Around the world. p. 30.
The first "supersonic" parachutist. p. 32.
Queen of Brazilian rivers. p. 32.
"Patent" of nature. p. 32.
Dam five kilometers long. p. 33.
Water hyacint, the scourge of tropic regions. p. 33.
Ekel's, L. - Impassable door. p. 34.
How, what, and why? p. 36.
Answers. p. 36.

b) ASTRONOMY

ABASTUMANI. ASTROFIZICHESKAIA OBSERVATORIIA. Biulleten' [ASTROPHYSICAL OBSERVATORY. Bulletin]. Tiflis, no. 19, 1955.
Table of contents translated:
Fishkova, L. M. - Variations of intensity of nocturnal

sky luminosity in the near infrared region. p. 3.
Razmadze, T. S. - Spectroheliroscopic observations at Mount Kanobili from 1951 to 1953. p. 25.
Brief news. p. 133.

No. 20, 1956. [With summaries in English.]
Table of contents translated:
Magalashvili, N.L., Kharadze, E.K. - Brightness and color variation of P.Cygni. p. 3.
Magalashvili, N.L., Kumsishvili, IA.I., Razmadze, N.A. - Photoelectric observations of the spectroscopic binary BD + 39°811. p. 11.
Kumsishvili, IA.I. - Radiometric observation of the solar corona at the total eclipse of June 30, 1954. [in Georgian with summaries in Russian and English]. p. 17.
Kucherov, N.I. - Visual observations of Mars during the opposition in 1954. p. 29.
Torondzhadze, A.F., Kochlashvili, T.A. - Determining the plane of symmetry for absorbing matter in the Galaxy using interstellar absorption observations. p. 41.
Torondzhadze, A.F. - Problems in the kinematics of the local star cloud. p. 45.
Torondzhadze, A.F. - Investigating the function of distribution of velocities of stars using the analysis of proper motion components. p. 55.
Kolkhidashvili, M.G. - Investigating the mean radial and tangential velocities of stars and evaluating the accuracy of catalogue values of parallaxes. p. 65.
Brief news. p. 165.
Index of articles and authors published in the "Bulleten'" of the Abastumani Astrophysical Observatory, nos. 1-20 (1937-1956). p. 167.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Sektor astrobotaniki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Sector of Astrobotany. Transactions]. Alma-Ata, vol. 3, 1955.
Table of contents translated:
Tikhov, G.A. - Life in the universe. p. 3.
Krishtofovich, A.N. - Possibilities of vegetation on Mars. p. 17.
Lozina-Lozinskii, L.K. - Adaptability of animal organisms to environment and the limits of life. p. 21.
Suvorov, N.I., Parshina, Z.S. - Spectrophotometric study of chlorophyll absorption line in connection with the problem of cosmic evolution of the photosynthesis. p. 33.
Kucherov, N.I. - Observations of Mars in 1950. p. 48.
Kucherov, N.I. - Observations of Mars in 1952. p. 63.
Glagolevskii, IU.V., Kozlova, K.I. - Using an objective prism for determining the spectral brightness of Mars. p. 77.
Ivanova, I.V. - Temperature and atmospheric circulation on Mars. p. 81.
Ivanova, I.V. - Surface features on Mars. p. 88.
Golosnitskii, L.P. - Problems of the respiration of plant organisms on Mars. p. 90.
Kozlova, K.I. - Comparing spectral intensity curves of Martian seas and of some terrestrial plants. p. 102.
Tikhov, G.A. - Visual color perception of the spectral composition of the fluorescence of plants and their flowers. p. 112.
Tikhov, G.A. - Addition to the article "Visual color perception of the spectral composition of the fluorescence of plants and their flowers." p. 126.
Sokolova, V.S. - Method for determining the duration of the fluorescence of plants. p. 152.
Kozlova, K.I. - Spectrophotometry of flowers of plants of various coloration. p. 160.
Perevertun, M.P. - Studying the spectral characteristics of plant[illegible] in infrared region. p. 177.
[illegible] Investigating the fluorescence of [illegible] their exposure to light sources of [illegible]al composition. p. 195.
[illegible] Fluorescence of plants during expo[illegible] in various regions of the

the nature of Mars. p. 44.
Sharonov, V.V. - Current tasks in astronomical observations of Mars and other planets. p. 56.
Suvorov, N.I. - Astrobiology as a new segment of creative Darwinism. p. 62.
Addresses by A.N. Krishtofovich and others. p. 68.
Resolutions of the conference. p. 158.

ASTRONOMICHESKII TSIRKULIAR [ASTRONOMICAL CIRCULAR]. Published by Biuro astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomic Information of the Academy of Sciences of the U.S.S.R.]. Kazan, no. 171, July 1956.
Table of contents translated:
Crommelin's comet (1928 III). p. 1.
Vsekhsviatskii, S.K. - Photoelectric observations of Honda's Comet (1955 g). p. 1.
Vsekhsviatskii, S. - Observations of appearance and brilliance of Honda's comet (1955 g). p. 2.
Vsekhsviatskii, S. - Evaluating the brilliance of Mrkos' comet (1955 b). p. 5.
Vsekhsviatskii, S. - Observations of Bakharev-Mac-Farlane-Krienke's comet (1955 f). p. 6.
Sharonov, V.V., and others. - Observations of the lunar eclipse of November 29, 1955, at the Astronomical Observatory of Leningrad University. p. 7.
Bakharev, A.M., Gusev, I.I. - Observations of the partial lunar eclipse of May 24, 1956, at Stalinabad. p. 11.
Kuprevich, N.F. - Using television techniques at Pulkovo Observatory for magnifying the luminosity for observations of astronomical objects. p. 12.
Rozhkovskii, D.A. - Photographic photometry of variable stars during the exposure. p. 14.
Kulikovskii, P.G. - Wide pairs of stars. p. 16.
Panaiotov, L.A. - Dissipation of B stars perpendicularly to the galactic plane. p. 19.
TSesevich, V.P. - Five uninvestigated variable stars. p. 20.
Solov'ev, A.V. - Maxima of 26 mirids. p. 21.
Erle...sova, G.E. - M...ima of 17 Mira variables in Sagittarius. p. 23.
Erleksova, G.E. - Brief remarks on nine uninvestigated stars from the KZP. p. 24.
Bakharev, A.M. - Determining the duration of fall [illegible] for meteors and telemeteors. p. 25.
Shtepan, V. - Visual observation of a diurnal shower of Arietids. p. 28.
Gusev, I.I. - Observing lunar occultations of stars at Stalinabad in March-June, 1956. p. 28.
Parshin, I.A. - Conference on the nature of the moon and planets. p. 29.
K.K. Dubrovskii; obituary. p. 30.
Dagaev, M.M. - Correcting data for the total lunar eclipse of November 7, 1957. p. 31.

ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 33, no. 5, Sep.-Oct. 1956.
Table of contents translated:
Pikel'ner, S.B. - Spiral motion of prominence knots. p. 641.
Kaplan, S.A. - Shock waves in interstellar space. p. 646.
Reznikov, A.O. - Stars with isothermal degenerate cores. p. 654.
Pavlovskaia, E.D. - Investigating the kinematics and determining the luminosity function of white dwarfs. p. 660.
Agekian, T.A., and others. - Indication of the interaction of stars and diffuse matter. p. 679.
Ch'oe Chai O. - Continuous spectrum of BE type stars. p. 682.
Porfir'ev, V.V. - Internal structure of a rotating star. p. 690.
Razmadze, N.A. - Photometry of the planetary nebula [illegible]3 ("Dumbbell"). p. 698.
[illegible], - Atmospheric component of zodiacal [illegible]
[illegible] Shefov, N.N. - Observation of the auro[illegible] near Moscow. p. 715.
[illegible]electric photometers for zodiacal [illegible]
[illegible]alibration of spectrograms by [illegible]parison spectrum for small-[illegible]graphs. p. 729.
[illegible]en clusters NGC 1528 and NGC [illegible]
[illegible]matic differences in the posi[illegible]int stars in the General Cata[illegible]
[illegible] for a general study of selected [illegible]ay. p. 749.
[illegible]ation of the motion of comets [illegible]
[illegible]ing the corrections of the [illegible]
[illegible]rites in studying the cosmogony [illegible]p. 767.
[illegible] All-Union conference of time [illegible]
[illegible]h international colloquy on [illegible] bodies" in Liége. p. 779.

[illegible]700

BYURAKAN. OBSERVATORIIA. Soobshcheniia [illegible]ATORY. Reports]. Erivan, no. 15, 1957.
Table of contents translated:
Garzadian, G.A. - Balmer decrement[illegible] nebulae. p. 3.
Garzadian, G.A. - Temperature of [illegible] nebulae. p. 15.
Garzadian, G.A. - The second [illegible] photometer at the Biurakan Observatory. p. 27.
Garzadian, G.A. - Photoelectric plate[illegible] p. 33.

ISTORIKO-ASTRONOMICHESKIE ISSLEDOVANIIA [STUDIES IN THE HISTORY OF ASTRONOMY]. Redaktsionnaia kollegiia [illegible] Gos. Izd-vo tekhniko-teoreticheskoi literatury [State Publishing House of Technical and Theoretical [illegible]]. Moscow, no. 1, 1955.
Table of contents translated:
From the editorial board. p. 5.
Chenakal, V.L. - Two unknown [illegible] middle of the 13th century, [illegible] St. Petersburg Academy of Sciences. p. 9.
Slavenas, P.V. - Astronomy in [illegible] learning in Lithuania from the [illegible] centuries. p. 49.
Dzhallalov, G.D. - Difference between [illegible] tables and other similar tables. p. 95.
Dzhallalov, G.D. - Compilation of [illegible] at Samarkand Observatory. p. 101.
Nádor, György. - Influence of Kepler's [illegible] development of an understanding of [illegible] nature. p. 119.
Perel', IU.G. - Vikentii Karlovich [illegible]. p. 131.
Piaskovskii, D.V. - Development of [illegible] University. p. 149.
Korytnikov, S.N. - Beginning of [illegible] p. 189.
Chenakal, V.L. - Lomonosov's large [illegible] telescope with a siderostat. p. 207.
Nabokov, M.E. - Outline history of the [illegible] astronomy in secondary schools in [illegible] U.S.S.R. p. 213.
Korytnikov, S.N. - I.M. Simonov in his [illegible] p. 255.
Korytnikov, S.N. - I.M. Simonov's [illegible] comments. p. 288.
Korytnikov, S.N. - D.M. Perevoshchikov [illegible] nov; correspondence of two astron[illegible] lems in astronomy and geophysics. p. 295.
Letters from D.M. Perevoshchikov to I.M. Simonov (1830-1850). p. 300.
Perel', IU.G. - Philosophy of V.K. [illegible] p. 311.
Zotov, F.IA. - Recollections about V.K. [illegible] p. 335.
Perel', IU.G. - A.M. Zhdanov's letters to [illegible] (1884-1892); comments. p. 343.
Bibliography of literature on the history of [illegible] published in the U.S.S.R. in 1953 and 1954. p. 355.

KHARKOV. UNIVERSITET. Observatoriia. [illegible] [UNIVERSITY. Observatory. Circulars] [illegible] 1955.
Table of contents translated:
Krisenko, L.I., Fedorets, V.A., Rapota, R.M. - Photographic photometry of chromospheric [illegible] tions. p. 3.
Rapota, R.M. - Activity of the solar [illegible] chromosphere from January 1 to June 30, 1955. p. 9.
Krisenko, L.I., Rapota, R.M. - Activity of [illegible] photosphere and chromosphere from July 1 to December 31, 1953. p. 10.

KIEV. UNIVERSYTET. Astronomichni [illegible] Publikatsii [University. Astronomical Observatory. Publications]. No. 7, 1956.
Table of contents translated:
Il'inskii, I.I. - Problem relative to the theory of solar eclipses. p. 3.
Dukhnovskii, P.G. - Meteoritic hypothesis of the origin of comets. p. 13.
Vsekhsviatskii, S.K. - Variation in the brightness of Encke-Backlund's comet. p. 31.
Dukhnovskii, P.G. - Origin of comets by ejection from satellites. p. 45.
Gorynia, A.A. - Investigating the pivots of the [illegible] an circle at the Kiev Astronomical Observatory. p. 63.
Gorynia, A.A. - Correcting readings on the [illegible] circle at the Kiev Astronomical Observatory. p. 80.
Balabushevich, I.A., Zel'dina, M.IU. - Solution of direct and inverse gravimetric problems by means of the vertical gradient for the simplest forms of perturbing bodies. p. 85.
Lukatskaia, F.I. - Fellaar's coefficients for small values of radial ratios of eclipsing variable [illegible] ponents. p. 93.
Sergeeva, A.N., Zel'dina, M.IU. - Chromospheric activity of the sun from 1946 to 1949. p. 95.
Konopleva, V.P., and others. - Observations of [illegible] planets at the Astronomical Observatory of the Kiev State University. p. 105.
Konopleva, V.P. - Observations of comets at the Astronomical Observatory of Kiev State University. p. 113.

Review of the activity of the Astronomical Observatory of Kiev State University in 1952. p. 117.

c) BIOLOGY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Zoologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Zoological Institute. Transactions]. Tiflis, Vol. 14, 1956.

Table of contents translated:

Saverko, R. F. - Data on owlet moths (Noctuidae) of Georgia. p. 5.
Zaitsev, F. A. - Deathwatch beetles of Transcaucasia. p. 49.
Shengelia, E. S. - Data on crickets (Gryllodea) of Georgia. p. 79.
Dzhaparidze, N. I. - Ixodid ticks of the Lagodekhi State Preserve and biological characteristics of their most important representatives. p. 87.
Kurashvili, B. E. - Helminths of birds of the Lagodekhi State Preserve. p. 105.
Rodonaia, T. E. - Helminths of wild mammals of the Lagodekhi State Preserve [in Georgian with summary in Russian]. p. 147.
Kobakhidze, D. N. - Data on insects of the Lagodekhi State Preserve [in Georgian with summary in Russian]. p. 199.
Kolava, L. I. - Data on helminths of the wild boar (Sus scrofa L.) in eastern Georgia [in Georgian with summary in Russian]. p. 215.
Kurashvili, B. E. - Helminths of game birds of Georgia in the light of the helminth-host association. p. 237.
Shidlovskii, M. V. - Systematics and distribution of the forest dormouse (Dryomys nitedula Pall.) in Georgia. p. 249.
Sadovskii, A. A. - Position change of ocelli in larvae of p. Rhipogena (Ephemeroptera) during post-embryonic development. p. 261.
Kurashvili, B. E. - Role of game birds in spreading helminths among poultry. p. 271.
Elanidze, R. F. - Data on the study of benthos in the Iora River [in Georgian with summary in Russian]. p. 277.
Zhil'tsova, L. A., Chistiakova, A. K. - Work with insect breeding pens located in a mountain stream of the Lesser Caucasus. p. 289.
Sadovskii, A. A. - The concept of "relict" in biogeography. p. 295.
Sadovskii, A. A. - Some considerations on the physical characteristics of the so-called "average depth." p. 309.
Kobakhidze, D. N. - Data relative to Eriococcus buxi Ehrh [in Georgian with summary in Russian]. p. 333.
Sikharulidze, T. A. - Substitution of embryonic ectoderm for the lens in rabbits. p. 337.
Kirichenko, A. N. - Report on species of the genus Ricania Germ. (Homoptera, Cicadaria) in Transcaucasia. p. 357.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Zoology. Transactions]. Alma-Ata, vol. 3, 1955. Parazitologiia [Parasitology].

Table of contents translated:

Sergei Nikolaevich Boev. p. 5.
Zoological research in the service of agriculture. p. 9.
Gainzo, I.G., Rementsova, M.M. - Reservoir of brucellosis in wild nature in the light of the teaching on the natural foci of diseases. p. 12.
Kusov, V.N. - Ecological premises for understanding the epizootology of tick-borne sheep paralysis. p. 27.
Petrova, E.F. - Materials on the ticks of the family Ixodidae parasitic on farm animals of the Bet-Pak-Dala pasture complex. p. 44.
Shevchenko, V.V. - New data on the horseflies (Tabanidae) of western Tien Shan. p. 47.
Gvozdev, E.V. - Worms parasitic on pheasants. p. 54.
Gvozdev, E.V. - Helminths of the black grouse (Lururus tetrix L.) of Kazakhstan. p. 67.
Sokolova, I.B. - Analysis of helminths parasitic on wild ruminants in Kazakhstan. p. 73.
Bondareva, V.I. - Role of domestic and wild carnivores in the epidemiology and epizootology of larval cestodiasis. p. 101.
Bondareva, V.I. - Comparative rates of cestode infection of dogs of different service designations. p. 105.
Boev, S.N., Andreeva, B.K. - Morphology of the ruminant lung nematode Muellerius capillaris (Mueller, 1889). p. 113.
Agapova, A.I. - Brachylecithum rodentini, a new liver parasite of rodents. p. 118.
Ul'ianov, S.D. - Comparative evaluation of methods for treating sheep strongylosis with phenothiazine. p. 121.
TSygankov, A.A. - Dynamics and paths of the infection of camels with Coccidia. p. 140.
Paichuk, N.G. - Materials on the dynamics of the infection of swine with Coccidia in Kazakhstan. p. 151.
Svanbaev, S.K. - A new species of Coccidia in turkeys. p. 161.
Kovalenko, V.G. - Materials on the venomousness of desert vipers. p. 164.
Bezukladnikova, N.A. - Literature on the parasitology of Kazakhstan. p. 181.

Vol. 5, 1956. Parasitologiia [Parasitology].

Table of contents translated:

Profaco. p. 3.
Agapova, A.I. - Parasites of fishes in the waters of western Kazakhstan. p. 5.
Gvozdev, E.V. - Worms parasitic on the stone partridge (Alectoris graeca Meisner, 1804) in southeastern Kazakhstan. p. 61.
Gvozdev, E.V. - Worms parasitic on quails in the environs of Alma-Ata. p. 77.
Panin, V.IA. - Helminths of rodents of western Kazakhstan. p. 84.
Gvozdev, E.V. - Helminths of the pikas (Ochotona sp. sp.) of Kazakhstan. p. 98.
Sokolova, I.B., Lavrov, L.I. - Helminths of the domestic and wild ungulates in the Caspian Sea region. p. 105.
Zakhrialov, IA.N. - Supplements to the description of certain helminths of swine. p. 112.
Markov, G.S., Paraskiv, K.P. - Helminths of the reptiles of Kazakhstan. p. 120.
Ushakova, G.V. - Ticks of the superfamily Ixodoidea of the Bet-Pak-Dala desert and adjacent regions. p. 129.
Bibikova, V.A. - Mites of the family Gamasidae in southeastern Kazakhstan. p. 152.
Sokolova, I.B. - Distribution of beetle mites in the pastures of western Kazakhstan. p. 161.
Pavlov, L.A. - Phenology of malaria mosquitoes in Gur'ev Province. p. 166.
Zasukhin, D.N. - Hemosporidiasis of wild animals and its importance in animal husbandry. p. 169.
Svanbaev, S.K. - Materials on the Coccidia of wild mammals in western Kazakhstan. p. 180.
TSygankov, A.A. - Coccidia of camels in western Kazakhstan. p. 192.
Bezukladnikova, N.A. - Literature on the parasitology of Kazakhstan. No. 5: Parasitic worms. p. 193.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Biological Series]. Moscow, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Raise the level of theoretical science. p. 3.
Palladin, A.V. - Functional biochemistry of the brain. p. 11.
Kosikov, K.V. - Certain features of the controlled variability of micro-organisms. p. 23.
Sisakian, N.M. - Chemical nature and biochemical functions of plastids. p. 32.
Farkash, G.L., Kiral', Z. - Studying the enzymology of diseased plants in connection with their resistance to micro-organisms. p. 47.
Prokof'eva-Bel'govskaia, A.A., Orlova, N.V. - Growth and development of actinomycetes producing streptomycin, biomycin, and terramycin under the conditions of submerged biosynthesis of the antibiotic. p. 59.
Ushakov, B.P. - Heat resistance of the muscles of crustaceans in connection with the habitat of the species. p. 67.
Stroeva, O.G. - Investigating the regenerative capacity of the retina in adult Bombina and rats. p. 76.
Ivanitskaia, A.F. - Reactivity of some cellular elements of the axolotl to total body irradiation by X rays. p. 85.
Shoichiro Uzumi. - Biochemical changes in wheat seeds during yarovization. p. 97.
Mishustin, E.N., Mirzoeva, V.A. - Increasing the nutritive value of coarse feeds by means of biological treatment. p. 99.
I.I. Mechnikov's letter to I.P. Pavlov. p. 108.
Orlov, IU.A. - Visiting French paleontologists. p. 110.
Soviet biologists abroad. p. 115.
Foreign biologists in the U.S.S.R. p. 117.
Runov, E.V. - Conference on forest soil science. p. 118.
Naukov, A.N., Gromyko, E.P. - Second conference on the problem of phytoncides. p. 121.
Conference on the problem of the individual development of farm animals. p. 123.
Resolution of the general meeting of the Section of Biological Sciences, January 31, 1956. p. 124.
Resolutions of the Eighth Congress of the All-Union Society of Physiologists, Biochemists, and Pharmacologists concerning the report of the Central Council of the All-Union Society of Physiologists, Biochemists, and Pharmacologists on the work of the society for the period August 1947-May 1955. p. 125.
In the Office of the Section of Biological Sciences. p. 128.

AKADEMIIA NAUK SSSR, IAkutskii filial, Yakutsk. Institut biologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Yakut Branch, Institute of Biology. Transactions]. Moscow, no. 2, 1956.

Table of contents translated:

Karantonis, F.E., Kirillov, F.N., Mukhomediiarov, F.B. - Fishes of the middle Lena. p. 3.
Komarenko, L.E. - Characteristics of algae and zooplankton in waters of the middle Lena Basin. p. 145.

BIOFIZIKA [BIOPHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 1, 1956.

Table of contents translated:

Tasks of the periodical "Biofizika." p. 3.
Ivan Mikhailovich Sechenov. p. 5
Pasynskii, A.G. - Degree of deformability of protein molecules in solutions. p. 10.
Lemazhikhin, B.K., Frank, G.M. - In vivo investigation of the muscle by means of roentgenostructural analysis. p. 16.
Popova, M.F. - Mutual relationship of certain physicochemical and functional properties of the protoplasm of amoeba. p. 23.
El'piner, I.E., Drize, I.M. - Reflection phenomena of ultrasonic waves in biological media. p. 30.
Turpaev, T.M., Usynina, M.G. - Role of the sulfhydril groups in the contractions of the heart muscle according to experiments with radioactive silver. p. 36.
Karmanov, V.G., Pumpianskaia, S.L. - Study of the diurnal course of transpiration in cotton plants. p. 43.
Aladzhalova, N.A. - Dynamics of early ionic shifts in the cerebral cortex brought about by local X-ray irradiation of the abdominal region and the head. p. 49.
Kuzin, A.M., Budilova, E.V. - Sensitization of the radiolytic depolymerization of deoxyribonucleic acid. p. 57.
Shekhtman, IA.L., Radzievskii, G.B. - Measuring doses in roentgens from highly intensive radiation and at short distances from the source. p. 60.
Bibergal', A.V., Margulis, U.IA. - Protection from X and gamma rays. p. 66.
IArbus, A.L. - Movements of the eyes during the shifting of fixation point. p. 76.
Samoilova, I.K. - Effect of masking a preceding weakened stimulus by a high-intensity sound. p. 70.
Bruzhes, A.P., Arkad'evskii, A.A. - Effect of loud noises on human motor functions. p. 86.
Kozhevnikov, V.A., Soroko, V.I. - Two-cascade direct-current amplifier with high amplification. p. 95.
Mazokhin-Porshniakov, G.A. - Color sense of insects; on the book "Bees, their vision, smell, taste, and tongue" by K. Frish. p. 98
Fedorov, N.T., Pinegin, N.I. - Fourth Conference on Physiological Optics. p. 106.

Vol. 1, no. 7, 1956.

Table of contents translated:

Porindkova, N.A. - Method and results of some experiments on radiostimulation of plants. p. 597.
Timofeev-Resovskii, N.V. - Biophysical interpretation of radiostimulation phenomena in plants. p. 610.
Breslavets, L.P., and others. - Effect of ionizing radiations on the growth and development of certain agricultural plants. p. 628.
Luchnik, N.V. - Effect of fractionizing and size of the dose on the cytological effect of radiation. p. 633.
Kuzin, A.M., Strazhevskaia, N.B. - Effect of ionizing radiation on the permeability of plant tissue. p. 637.
Aladzhalova, N.A. - Change in the superslow rhythmical oscillations of brain potentials under the effect of ionizing radiation. p. 642.
Bolgarina, V.P., Eidus, L.Kh. - Radiation method for determining the green bulk of standing plants. p. 653.
Bell, L.N. - Similarity in the dispersion of light and electrons through scattering media. p. 657.
Iordanskaia, E.N. - Changes in the cortical dynamics of man as effected by an intense sound stimulus. p. 660.
Khitun, V.A. - Electroretinogram recording of considerable duration. p. 666.
Zalesskii, IU.M. - Aerodynamic principles of insect flight. p. 672.

Vol. 1, no. 8, 1956.

Table of contents translated:

Dubinin, N.P. - Physical and chemical principles of heredity. p. 677.
Bibergal', A.V., Pertsovskii, E.S. - Selecting the type of irradiator (operating on fission products) for grain disinfection. p. 696.
Flokkel', A.B. - Use of IUstova's tables in color sense research. p. 708.
IArbus, A.L. - New method for recording movements of the eye. p. 713.
Kheisin, E.M., Khenokh, M.A. - Effect of ultrasonic vibrations on the oocysts of Coccidia of rabbits. p. 721.
Kiminir, L.B. - Direct-current amplifiers. p. 729.
Muzheev, V.A., Popova, M.F. - Some data on the nature of biopotentials. p. 741.
Bongard, M.M., Smirnov, M.S. - N.T. Fedorov's theory of color contrast. p. 754.
Bibliography. p. 759.

BIOFIZIKA, BIOKHIMIIA, FIZIOLOGIIA, MIKROBIOLOGIIA; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [BIOPHYSICS, BIOCHEMISTRY, PHYSIOLOGY, MICROBIOLOGY; Classified Index of Articles in Foreign Periodicals]. Issued by Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature]. Moscow, nos. 2(38), 9(45)-10(46), 1956.

BIOKHIMIIA [BIOCHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 21, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Orlova, O.K., Efimtseva, E.P. - Investigating the structure of carbohydrates in Corynebacterium diphtheriae by paper chromatography. , 505.
Kasavina, B.S., Torchinskii, IU.M. - Microelectrophoretic investigation of the protein composition of muscle tissue in ontogenesis. p. 510.
Kliuge, I.V. - Conversion of nitrogen of various amino acids and ammonia to urea in the liver of mammals. p. 516.
Kazantseva, V.S., Kaplanskii, S.IA. - Mechanism of the disruption of tyrosine oxidation in the liver in protein dificiency. p. 528.
TSap, M.L. - Spectrophotometric method of determining small quantities of ascorbic acid in aqueous solutions. p. 534.
Galaev, IU.V., Alimova, E.K. - Use of iontophoresis in combination with paper chromatography in the identification of amino acids in hydrolysates of natural proteins. p. 538.
Vekslir, R.I. - Destruction of alloxan in the blood in animals. p. 542.
TSyperovich, A.S., Loseva, A.L. - Mechanism of the denaturation of proteins; properties of globular protein stabilized by the action of denaturating factor. p. 546.
Ponomarev, V.V., Lifanova, T.A. - Heat denaturation of gliadin. p. 557.
Smirnova, M.V. - Effect of nucleic compounds on the activity of proteolytic enzymes of C. diphtheriae. p. 561.
Novikova, E.S., and others. - Isolation of intracellular granules by precipitation in a separator through a layer of accessory solution of variable density. p. 567.
Soldatenkov, S.V., Mazurova, T.A. - Formation of organic acids in the seeds of leguminous plants during germination. p. 573.
Sisakian, N.M., Odintsova, M.S. - Ribonucleic acid of plastids and its conversion during the development of the organism. p. 577.
Paseshnichenko, V.A., Guseva, A.R. - Quantitative determination of glyco-alkaloids in potatoes and their separation. p. 585.
Ivanov, I.I., and others. - Electrophoretic investigation of the fractional composition of proteins of skeletal muscles in invertebrates during ontogenesis. p. 591.
Zakshevskii, K., Mal, A., Muravskii, K. - Correlation between borate and dextran. p. 596.
Afanas'eva, E.M., Stepanenko, B.N. - Variability in chemical structure of glycogens isolated from various species. p. 603.
Gershanovich, V.N., Mednik, G.L., Epshtein, IA.A. - Antagonistic relationship between sulfanilamide and folic acid in the growth of wheat and synthesis of chlorophyll. p. 612.
Pavlovskii, P.E. - Autolytic conversion of glycogen during cooling and freezing of muscle tissue. p. 616.
Boichenko, E.A., Zakharova, N.I. - Oxyacids in primary products of photosynthesis. p. 623.
Medvedev, Zh.A. - Two forms of autoregeneration of protein. p. 627.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol.41, no. 8, Aug. 1956.

Table of contents translated:

Poliianskii, V.I. - Monadic structural forms of algae and certain problems concerning their phylogeny. p. 1095.
Tikhomirov, B.A., Shtepa, V.S. - Characteristics of the forest outposts in the Lower Lena Valley. p. 1107.
Stoianov, N.A. - Botanical and geographical description of Bulgaria. p. 1123.
Sveshnikova, V.M. - Study of the water cycle of Eastern Pamir plants. p. 1137.
Krasulin, N.P., Mishin, S.A. - Scales for determining transpiration by weighing twigs. p. 1145.
Zoz, I.G. - Biological types of the vegetation complex of the Donets Valley. p. 1151.
Streikova, O.S. - Mycorhiza of the plants of the Taymyr tundra and forested tundra. p. 1161.
Bochantsev, V.P., Lipshits, S.IU. - Some Inula species of Central Asia and India. p. 1168.
Blagoveshchenskii, V.V. - Interesting case of bulb formation in the inflorescence of onion. p. 1171.
IAskevich, R.T. - Characteristics of the anatomical structure of wood of some almond species. p. 1172.
Sinadskii, IU.V., Bondartseva, M.A. - Little known polyporea on Populus and Tamarix and their importance in the Kara-Kalpak A.S.S.R. p. 1177.
Kravchenko, S.M. - Occurrence of Quercus crispula Blume in Sakhalin. p. 1184.
Romashchenkov, D.D. - Can clover dodder be parasitic on cultivated grasses? p. 1188.
Stanislavskii, F.A. - Remnants of Maccalintockia and age of Paleogene deposits of the Ukrainian S.S.R. containing them. p. 1188.
Krasil'nikov, P.K. - Accessory roots and the root system of cedar in the Central Sayans. p. 1194.
Kolakovskii, A. - A new birthwort species in the Pliocene flora of Meore-Atara. p. 1206.
Zabelin, I.M. - Causes of the occurrence of steppe plant associations in the Mondy Depression (Eastern Sayans). p. 1208.
Zykov, I.V. - Factors in the development of high grass stands on mountainous relief. p. 1208.
Kuprianova, L.A. - Structure of the pollen wall. p. 1212.
Alaev, L. - Far-fetched theory "General forestry" by V.G. Nesterov. p. 1217.
Tiurin, A.V. - "Natural regeneration in clearcuttings" by A.P. Shimaniuk. p. 1221.
Poliakov, P.P. - "Outline of the flora of Tuva" by K.A. Sobolevskaia. p. 1223.
Zhuze, A.P., Semina, G.I., Smirnova, L.I. - "Diatoms in the plankton of the Black Sea" by A.I. Proshkina-Lavrenko. p. 1225.
Nikolaeva, M.G. - "Psychology of seeds" by W. Crocker, L. Barton. p. 1227.
Gollerbakh, M.M. - In memory of N.N. Voronikhin. p. 1230.
Fedorov, An.A., Linchevskii, I.A., Kirpichnikov, M.E. - In the tropics and subtropics of China. p. 1235.

DEISTVIE IZLUCHENII I PRIMENENIE IZOTOPOV V BIOLOGII; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [EFFECT OF RADIATION AND APPLICATION OF ISOTOPES IN BIOLOGY; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Moscow, vol. 7, no. 4(28), 1956.

ESTESTVOZNANIE V SHKOLE [NATURAL HISTORY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 6, Nov.-Dec. 1956.

Table of contents translated:

Serebrianskii, Z.L., Sorokina, E.G. - Agricultural work of students. p. 3.
Zheligovskii, V.A. - Mechanized agriculture. p. 9.
Ovcharov, K.E. - Vitamin requirements of plants. p. 10.
Bel'skaia, E.M. - Development of logical thought in students during botany classes. p. 21.
Padalko, N.V. - Developing an understanding of the formation of organic substances in plants. p. 27.
Brunovi, E.P. - Development of mental alertness in students during human anatomy and physiology classes. p. 34.
Fomina, E.P. - Method for conducting classes on metabolism. p. 42.
Gerasimov, V.P. - Reflex of "freedom" and the "orientation" reflex in wild animals in captivity. p. 48.
Gorbunov, G.M., Polianskaia, E.P. - Teaching biology in schools for working youth. p. 53.
Pal'tseva, A.N. - Organization of summer practical courses in agriculture by schools of Ryazan Province. p. 58.
Moshin, I.I. - Conducting practical courses in animal husbandry for students of city schools. p. 65.
Pogorletskii, B.K. - Growing plants in gauze enclosures. p. 67.
Ganzha, R.V. - Using tubers for grafting dahlias. p. 69.
Brazhnik, V.M. - Boxes for laboratory studies in biology. p. 70.
IAkob, E. - Plant impressions. p. 71.
All-Russia convention of young naturalists. p. 73.
Aleksakhina, T.V. - Regional conference of railroad schoolteachers. p. 75.
Shaposhnikov, N.I. - Elements of the method for teaching botany. p. 76.
Verzilin, N.M. - Letter to the editor. p. 82.
Nikitenko, M.F. - "Outstanding Russian zoologists." p. 85.
Paporkov, M.A. - "Nature study excursions." p. 88.
Turbina, E.I. - About Antarctica. p. 89.
New books. p. 91.

FAUNA SSSR [FAUNA OF THE U.S.S.R.] Issued by Zoologicheskii institut Akademii nauk SSSR [Institute of Zoology of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 64. Nasekomye dvukrylye [Diptera], vol. 6, no. 6, 1956.

Title translated:

Rubtsov, I.A. - Black flies (fam. Simuliidae). 859 p.

Title transliterated: Rubtsov, I.A. - Moshki (sem. Simuliidae). 859 p.

FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoiuznoe obshchestvo fiziologov, biokhimikov i farmakologov [All-Union Society of Physiologist, Biochemists, and Pharmacologists]. Moscow, vol. 42, no. 10, Oct. 1956.

Table of contents translated:

Speranskii, A.D. - Inhibition in pathology. p. 831.
Lapina, I.A. - Interrelationship between food and acid reflexes distinguishable by the site of unconditioned reinforcement [with summary in English]. p. 836.
Schastnyi, A.I. - Restoration of temporary cortical connections present in a latent condition. p. 844.
Bentelev, A.M. - Effect of asphyxia and exsanguination on spinal reflexes. p. 849.
Frol'kis, V.V., Frol'kis, A.V. - Mechanisms of regulation of reflex reactions. p. 854.
Krichevskaia, I.P., Skipina, E.G. - Relation between pressure to the storage of blood in the spleen [illegible]
Gartshtein, R.S. - Reflex hepatic bile secretion as response to intestinal stimulation [with summary in English]. p. 868.
Faitel'berg, R.O., Semeniuk, L.A., Rubleva, E.A. - Effect of interception in the small intestine on the secretion of pancreatic juice and bile in [illegible] [with summary in English]. p. 877.
Arkhipovets, A.I. - Age factor in salivation in young pigs. p. 882.
Starkov, P.M., Pokrovskii, V.M. - Cortical regulation of micturition in man. p. 887.
Soldatenkov, P.F., Ganiushkina, S.M. - Conditioned response to blood circulation, respiration, and gas exchange in cattle [with summary in English]. p. 893.
Aronova, G.N. - Reflex action on the coronary circulation following ligation of branches of the coronary arteries [with summary in English]. p. 899.
Blanki, V.L. - Production of differentiated inhibition from the horns of the uterus in dog. p. 907.
Larionov, V.P. - New type of receiving and registering capsule. p. 913.
Sobieva, O.B. - Enteropancreatic fistula by turning the intestine into a skin flap. p. 914.
Kudriavtsev, A.A., Lozhkin, N.I. - Method of studying olfaction in cows. p. 916.

FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no. 5, Sep.-Oct. 1956. [With English summaries in insert.]

Table of contents translated:

Filippov, L.A. - Concentration of cell sap in [illegible] leaves in relation to the age and water supply of the leaves. p. 393.
Ryzhkova, A.S. - Root nutrition and the resistance of cabbage seedlings to vascular bacteriosis. p. 399
IAroslavtsev, G.D. - On the transpiration of transplanted trees. p. 405.
Obraztsova, V.I. - Winter transpiration in trees and shrubs in the Ukrainian steppe region. p. 409.
Blum, Friedeta, Kfiž, Jan. - Effect of the [illegible] on the development and morphogenesis of wheat spikes. p. 414.
IAkushina, N.I., Poroiskaia, B.M., Filatova, E.G. - Some peculiarities of the movement of organic substances in plants and the influence of irrigation on this process. p. 423.
Dadykin, V.P., Igumnova, Z.S. - Free amino acid content of young wheat plants raised on isolated nutrients. p. 431.
Khakhidze, N.T., Medvedeva, G.A. - Using isolated cultures to study the secretion of vitamins from flower organs. p. 435.
Filippenko, I.A. - The effect of 2,4-D preparations on formative processes in summer wheat. p. 441.
Zhdanova, L.P. - Uptake of substances by roots from leaves of various tiers. p. 446.
Genkel', P.A., Badanova, K.A. - Role of protoplasm viscosity in the resistance of plants to high and low temperatures. p. 455.
Rogalev, I.E. - Changes in the anatomical structure of the aerial organs of plants due to potassium nutrition. p. 463.
Elenev, L.K. - Some problems in the nutrition of dodder. p. 470.
Kolesnikov, P.A., Emenova, S.V. - Effect of illumination conditions on polyphenols, polyphenol oxidase and the formation of volatile oils in leaves of mint and coriander. p. 480.
Sapozhnikov, D.I., and others. - Quantitative determination of the chief carotenoids in green leaves through paper chromatography. p. 487.
Artem'ev, G.V. - "Cultivation of vegetable plants under fluorescent lamps" by V.M. Leman; "Utilization of electric light for the cultivation of early vegetables" by V.P. Goncharov. p. 490.
Turkina, M.V. - "Movement of nutrients in plants" by M.V. Afanas'eva. p. 492.
Nichiporovich, A.A. - Coordinating conference on the problem of photosynthesis. p. 495.

VOPROSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 15, no. 6, Nov.-Dec. 1956.

Table of contents translated:

Salganik, R.I. - Nutrition in a high environmental temperature; review of the literature. p. 3.
Vasil'eva, E.N. - Effect of the quality and quantity of fat in food on utilization of calcium by growing animals. p. 11.
Barabol, T.A. - Oxidation-reduction processes in the intestine in infants under various forms of nutrition. p. 16.
Trofimkova, S.I. - Energy expenditure in students of trade schools (machinists). p. 22.
Tongur, V.S., Orlova, L.V. - Ground cereal mixtures with increased nutritional value. p. 28.

Mkrtchian, I.E. - Effect of the flesh of certain species of fish on the secretory function of the stomach. p.30.
Manullova, G.A. - Comparative studies on methods of determining proteins in food products. p.36.
Krylova, M.I. - Residual quantities of arsenic in vegetable food products from substances exposed to insecticides containing arsenic. p.39.
Melashko, K.V. - Cobalt content of certain food products of vegetable origin. p.43.
Stremilina, S.M. - Training of food hygienists. p.47.
Korepanov, A.G. - Hygienic problems involved in self-service in cafeterias. p.49.
Marshak, M.S. - Output norms for prepared foods in medical institutions. p.51.
Osmolovskaia, M.S. - Food output norms for public eating establishments. p.52.
Kurko, V.I., Sokolovskii, V.P. - Review of pamphlets on therapeutic diet. p.53.
Egorov, M.N., Proutskov, K.M. - Review of the book "Diseases of the endocrine system and metabolism" by V.G.Baranov. p.56.
Author index of articles published in vol.15 of "Voprosy pitaniia" for 1956. p.59.

ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENERAL BIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 17, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Pollakov, I.M., Dmitrieva, A.N., Zdril'ko, A.F. - New data on the use of radioactive isotopes in investigating the fertilization of plants. p. 321.
Medvedeva, A.S. - Selectivity of fertilization in table and sugar beets. p. 335.
Kirpichnikova, E.S., and others. - Effect of ionizing radiation on bone marrow cells of mice. p. 340.
Zaks, M.G., Olenov, IU.M., Mukeeva, I.P. - New data on the regulation of milk secretion. p. 355.
Vinberg, G.G. - Primary production of plankton. p. 304.
IAkhontov, V.V. - Analysis of the morphological characteristics of aphid populations as a method for short-term predictions of their numbers. p. 377.
Streshinskii, M.O. - Changes in the physiological characteristics of Bac. megatherium cells during the development of cultures on the surface of agar. p. 386.
Gol'din, M., Drodskii, V., Fedotina, V. - Microspectrophotometry of protein inclusions in plant cells. p. 393.
Miuge, S.G. - Trophic characteristics of the root knot nematode. p. 396.

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 35, no. 9, Sep. 1956. [For English summaries of articles on pages 1281-1422, see insert.]

Table of contents translated:

Khelain, E.M. - The taxonomy of the Sporozoa (type Protozoa). p. 1281.
Okorokov, V.I. - A new species of cestode, Tatria mathevossianae (fam. Amabilidae), from Podiceps ruficollis (Pallas). p. 1289.
Pervomaiskii, G.S., Chugin, K.P., Boldyrev, S.T. - On the mass reproduction and habitation of the ticks Ornithodorus talaje Guérin-Ménéville, 1849. p. 1303.
Pantiukov, G.A. - Geographical variability of cold hardiness in certain insects. p. 1312.
Panfilov, D.V. - Contribution to the taxonomy of bumble-bees (Hymenoptera, Bombinae), including a description of new forms. p. 1326.
Sat'ianova, V.M., and others. - Experiment in treating plants with insecticides to control blood-sucking flies and midges under natural conditions. p. 1335.
Zagulaev, A.K. - Food specialization and the origin of the synanthropic mode of life of the true moths (Lepidoptera, Tineidae). p. 1342.
Shlenova, M.F. - On the biology of reproduction in Diptera: Effect of environmental conditions on the swarming and copulation of mosquitoes representatives of the genus Aedes. p. 1350.
Mazokhin-Porshniakov, G.A. - Use of ultraviolet light in controlling the May beetle (Melolontha hippocastani Fab.). p. 1356.
Soin, S.G. - On the respiratory role of carotenoid pigment in the spawn salmonid fishes and other representatives of the order Clupeiformes. p. 1362.
Movchan, V.A., IArmoshenko, N.P. - Outstanding Russian ichthyologist O.A.Grimm and his role in the development of Russian pond culture. p. 1370.
Rashkevich, N.A. - On the ecology of the lesser gray shrike (Lanius minor) in forest plantations of the Salsk Steppe. p. 1379.
Karaseva, E.V. - Some developmental peculiarities of epizootic leptospirosis in Microtus economus Pall. studied by tagging. p. 1384.
Stogov, I.I. - On the feeding habits of Marmota baibacina Kastsch. p. 1390.
Dromlol, G.F. - Coral (Nemorhaedus caudatus raddeanus Heude, 1894. p. 1395.
Diatlov, A.I. - Effect of food stocks of Rhombomys opimus Licht. on the population density and distribution of fleas in the rodent burrows. p. 1406.
Ishunin, G.I. - Influence of the severe winter of 1953/54 on the deers of Biryuchiy Island (Sea of Azov). p. 1410.
Lototskii, B.V. - On the morphology of the ticks Haemaphysalis pavlovskyi Pospelova-Strohm, 1934 (Parasitiformes, Ixodidae). p. 1415.
Lukin, E.I. - On the occurrence in the U.S.S.R. of an interesting species of leech, Boreobdella verrucata (Fr. Müller). p. 1417.
Kravchuk, V.A. - For field works on ichthyology. p. 1419.
Podkovyrkin, B.A. - White snowy owl (Nyctea scandiaca L. On Shumshu Island. p. 1420.
Alekseev, A.F. - On the biology and sporadic occurrence of Capella media Lathm. in Oka River bottomlands. p. 1422.
Reviews. p. 1423.
Brief news and information. p. 1428.

d) CHEMISTRY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Izvestiia, Seriia khimicheskaia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin, Chemical Series], Alma-Ata, no. 10, 1956.

Table of contents translated:

Bekturov, A.B., Uvaliev, IU.K. - Preparation of thermophosphates from Kara-Tau phosphorites and from astrakanite. p.3.
Kasimov, A.K. - Titanium dioxide hydrates. p.10.
Mun, A.I. - Physicochemical analysis of the system: $Na_2SO_4$ - $Na_2S$ - $H_2O$. p. 22.
Usanovich, M.I. - Viscosity of liquid mixtures. p.30.
Kozlovskii, M.T., Zabotin, P.I. - Role of bivalent chromium ions in the acceleration of the transition of the trivalent chromium green modification into the purple form. p.40.
Korchmarek, I.A., Kir'iakov, G.Z. - Sulfur-dioxide depolarization in the electrolysis of sulfate solutions. p.44.
Kir'iakov, G.Z. - Protective action of alloying additions in the anodic corrosion of lead alloys. p.53.
Shchudlakov, L.N. - Cementation of iron from silicate slag with carbon dissolved in pig iron. p.58.
Sokol'skii, D.V., Voloshin, I.I. - Hydrogenation of cottonseed oil on a nickel-skeleton catalyst. p.63.
Sokol'skii, D.V., Battalova, Sh. - Regeneration of waste aluminosilicate catalysts by means of chemical additions. p.69.
Suvorov, B.V., Khmura, M.I., Monastyreva, I.N. - Oxidation of organic compounds. Part 13. Permanganate method for the analysis of alkylbenzene mixtures. p.72.
Khalturin, A.I., Moiseeva, K.E. - Selfheating of coal. p.81.
Gutsaliuk, V.G., Kazakova, N.D., Rafikov, S.R. - Quantitative determination of the solid-paraffin content in petroleum. p.91.
Mun, A.I., Bekturov, A.B. - Physicochemical study of the salt springs in the Chul'-Adyr deposits. Part 2. Hydrothermal analysis of the springs. p.96.
Boremzhanov, B.A. - Solubility in the system: $Na_2S$ - $Na_2SO_4$ - $H_2O$ at temperatures from 90° - 140°. p.104.

AKADEMIIA NAUK SSSR, Izvestiia, Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Department of Chemical Sciences]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Urazov, G.G., Bogatskii, D.P. - Complex reduction of polymetallic iron and nickel ores as basis for new methods of their chemical processing. p.1159.
Loont'ev, E.A., Luk'ianovich, V.M., Sokal'skii, Z.IA. - Electron microscopy of Polish silica from deposits in the Sandomierz region. p.1168.
Freidlin, L.Kh., Polkovnikov, B.D. - Order of hydrogenation of double bonds of cyclopentadiene on a nickel-skeleton catalyst. p.1171.
Miesserov, K.G. - Catalytic activity and acidity of silica gel treated with solutions of aluminum salts. p.1180.
Morachevskii, IU.V., Bashun, Z.S. - Study of conditions for the separation of zinc and cobalt from aluminum and iron with tracer control. p.1185.
Nesmeianov, A.N., Rybinskaia, M.I., Kochetkov, N.K. - Condensation of β-chlorovinyl ketones with benzene and its homologs. p.1197.
Freidlina, R.Kh., Kost, V.N., Nesmeianov, A.N. - Chlorination of unsaturated polychloro derivatives in an acid medium. p.1202.
Gol'dfarb, IA.L., Kondakova, M.S. - Effect of water on 3,4-bis-(chloromethyl)-2,5-dimethylthiophene. p.1208.
Nazarov, I.N., Kucherov, V.F., Segal, G.M. - Research in the stereochemistry of cyclic compounds. Part 14. Condensation of 1-α-acetoxyvinyl-Δ-cyclohexene with methyl acrylate. p.1215.
Nazarov, I.N., Shvekhgeimer, G.A. - Acetylene derivatives. Part 176. Synthesis of β-carboxyethyl esters of acetylenic alcohols, their corresponding acid chlorides, and amides. p.1221.
Shostakovskii, M.F., Prilezhaeva, E.N., Khomutov, A.M. - Free radical polymeryzation and copolymerization of β-butoxyethylvinyl sulfide. p.1230.
Shostakovskii, M.F., and others. - Research in low molecular polymerization. Part 1. Interaction of certain vinyl ethers with carbon tetrachloride. p.1236.
Batuev, M.I., and others. - Optical study of the Si - H bond and characteristics of its chemical behavior in various compounds. p.1243.
Shuikin, N.I., Naryshkina, T.I. - Thermal conversion of 1,3-pentadiene under various pressures. p.1249.
Tolstopiatova, A.A., Dulitskaia, K.A., Balandin, A.A. - Effect of the mode of preparation and of the carrier on the catalytic activity of chromic oxide in dehydrogenation and dehydration. p.1256.
Ivanov, V.I., Golova, O.P., Pakhomov, A.M. - Main direction of the thermal degradation of cellulose in a vacuum. p.1266.
Tarasova, G.A., Taits, G.S., Plate, A.F. - Synthesis of 2-cyclopentyloctane and 5,5-dimethylundecane. p.1267.
Shostakovskii, M.F., and others. - Research in the synthesis and conversion of oxygen-containing organosilicon compounds. Part 6. Interaction of hydrogen-containing alkyl(aryl) dichlorosilanes with alcohols. p.1269.
Shostakovskii, M.F., Shikhiev, I.A., Komarov, N.V. - Research in the synthesis and conversion of unsaturated organosilicon compounds. Part. I. Synthesis and conversion of tertiary organosilicon-acetylenic alcohols. p.1271.
Kazanskii, B.A., Lukina, M.IU., Nakhapetian, L.A. - Catalytic hydrogenation of isopropyl- and isopropenylcyclobutane. p.1274.
Gol'dfarb, IA.L., Fabrichnyi, B.P., Shalavina, I.F. - Synthesis of amino dicarboxylic acids of the aliphatic series from thiophene. p.1276.
All-Union conference on the use of isotopes in catalysis. p.1279.

AKADEMIIA NAUK SSSR. Kazanskii filial, Kazan. Trudy. Seriia khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Kazan Branch. Transactions. Series in the Chemical Sciences]. Moscow, no.1, 1956.

Title translated:

Robinson, E.A. - Petroleum of the Tatar A.S.S.R. 157 p.

Title transliterated: Robinson, E.A. - Nefti Tatarskoi ASSR. 157 p.

KHIMICHESKAIA NAUKA I PROMYSHLENNOST' [CHEMICAL SCIENCE AND INDUSTRY]. Issued by Vsesoiuznoe khimicheskoe obshchestvo imeni D.I.Mendeleeva [All-Union D.I.Mendeleev Chemical Society]. Moscow, vol. 1, no. 5, 1956.

Table of contents translated:

Sazhin, N.P., Meerson, G.A. - Rare elements in modern technology. p. 482.
Sazhin, N.P. - Germanium and its use. p. 487.
Murach, N.N. - Elementary silicon of high purity. p. 492.
Meerson, G.A. - Development of titanium production. p. 496.
Safronov, E.K., Ivanovskii, G.F. - Production of zirconium. p. 505.
Zaozerskii, I.N., Andreeva, Z.F. - Modern methods for separating rare earths. p. 512.
Samsonov, G.V., Konstantinov, V.I. - Tantalum and niobium in the chemical industry. p. 517.
Reifman, M.B. - Beryllium and its compounds. p. 523.
Sakharov, B.A. - Present state of lithium production and consumption. p. 529.
Pliushchev, V.E., Shakhno, I.V. - Rubidium and cesium, their use and production. p. 534.
Tronev, V.G. - Rhenium. p. 539.
Solovushkov, A.A., Soshnikova, L.A., Ezernitskaia, M.E. - Production and use of selenium and tellurium. p. 543.
Nikolaev, A.V. - Extraction of inorganic substances with organic solvents. p. 548.
Riabchikov, D.I. - Use of ion exchange process for the extraction, separation and purification of rare metals. p. 554.
Gel'perin, N.I., Volynets, M.P., Kolosova, G.M. - Injector column for extractive recovery of substances. p. 560.
Kogan, B.I. - Industry of rare elements abroad. p. 564.
Academician S.I.Vol'fkovich; on his 60th birthday. p. 572.
Frumkin, A.N. - In memory of a scientist and revolutionary; on the tenth anniversary of A.N.Bach's death. p. 573.
Baranov, V.I. - Pierre Curie; on the 50th anniversary of his death. p. 575.
Lepeshkov, I.N. - Outstanding Soviet chemist; on the 15th anniversary of N.S.Kurnakov's death. p. 579.
Petrov, A.D., Shulkin, N.I. - A month spent among the chemists of France. p. 583.
Sakharov, M.M. - Conference on the use of isotopes in catalysis. p. 588.

News in science and technology. p. 592.
Bibliography. p. 596.
Plenum of the Board of Administration of the D. I. Mendeleev All-Union Chemical Society. p. 598.
Work practice of the Leningrad Branch of the Society. p. 599.

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 11, no. 6, Nov.-Dec. 1956.

Table of contents translated:

Practical emphasis of extracurricular studies. p. 3.
Saukov, A.A. - Geochemistry of iron. p. 7.
New development in the production of sulfuric acid. p. 16.
Granular briquets as a new kind of blast furnace raw material. p. 16.
New types of plastic materials and synthetic fibers. p. 17.
Prokof'ev, V.I. - D.I.Mendeleev's struggle against idealism and religious prejudice. p. 18.
Surbnshanian, A.O. - Seventy years since the discovery of germanium. p. 24.
Glorlozov, P.A. - The study of silicon in the ninth grade. p. 27.
Panin, P.S. - Oral problems on the subject "Iron." p. 37.
Novikov, I.A. - Apparatus for the electrolysis of an aqueous solution of table salt. p. 41.
Klimov, I.I. - Producing silver nitrate from scrap silver. p. 42.
Rubinshtein, B.E. - Effect of the concentration of reactive substances on the speed of chemical reactions. p. 43.
Krivonos, F.F., Denisov, A.A. - Synthesis of benzene hexachloride in the studies of the chemistry club. p. 44.
Pavlenko, M.M. - Experiments illustrating the law of M.V. Lomonosov. p. 46.
...blev, K.I. - Continuous water distilling apparatus. p. 47.
Mozhel, P.D. - Changes in some chemical demonstrations. p. 48.
Temp, A.N., Temp, E.V. - Decomposition of lime in chemistry classes. p. 53.
Rodina, M.V. - Wall newspaper as one aspect of extracurricular work in chemistry. p. 54.
Styshnov, A.I. - Extracurricular experiments pertaining to agriculture. p. 58.
Evteeva, Z.V. - School and industry. p. 60.
Readers' letters. p. 63.
Rasin, S.IA., Golikova, Z.F., Kelembetova, A.P. - Manual on methods of teaching chemistry for pedagogical institutes. p. 66.
Konovalov, V.N. - A useful book. p. 72.
Current problems in polytechnical education in the Ukrainian S.S.R. p. 73.
Polytechnical education in railroad schools. p. 74.
Exhibition of school equipment and teaching materials. p. 75.
First convention of teachers of the Komi A.S.S.R. p. 76.
Index to articles published in "Khimia v shkole" in 1956. p. 77.

REFERATIVNYI ZHURNAL: KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 17, Sep. 1956.

Contents:

[Abstracts] Referaty 53470-57074. 516 p.

behavior of aluminium bronze towards corrosion in sulfuric acid [with English summary in insert]. p. 1932.
Struminskii, G.V., Slonimskii, G.L. - Miscibility of polymers. Part 3. The heats of mixing of polymers [with English summary in insert]. p. 1941.
Palatnik, L.S., Kopelovich, M.I. - Topoanalytical investigation of equilibrium diagrams for multicomponent eutectic systems. Part I [with English summary in insert]. p. 1948.
Lesnykh, D.S., Bergman, A.G. - Miscibility of a number of molten lithium and silver salts [with English summary in insert]. p. 1959.
Shishakov, N.A., Andrushchenko, N.A. - Oxide films on a magnesium [with English summary in insert]. p. 1966.
Stepukhovich, A.D., Kolotilova, T.G. - The kinetics and mechanism of hydrocarbon decomposition. Part 12. The effect of cyclohexane on the kinetics and mechanism of gaseous alkane cracking [with English summary in insert]. p. 1975.
Kadaner, L.I., Masik, A.Kh. - Mechanism of the electrodeposition of metals on passivated surfaces [with English summary in insert]. p. 1983.
Kolotyrkin, IA.M., Kniazheva, V.M. - Electrochemical behavior of metals in the passive state [with English summary in insert]. p. 1990.
Migal', P.K., Tur'ian, IA.I., Bondarenko, N.I. - Polarographic behavior of the hydrogen ion in a variety of individual and mixed solvents. Part 1. Solutions of water in methyl alcohol and in $CH_3OH + H_2O$ mixtures [with English summary in insert]. p. 2003.
Zul'fugarov, Z.G., Topchieva, K.V. - Catalytic activity and structural characteristics of magnesium aluminum silicate catalysts [with English summary in insert]. p. 2011.
Khomutov, N.E. - Effect of solute volume and of solvation on the properties of solutes [with English summary in insert]. p. 2016.
Gureev, A.A., Sablina, Z.A. - Mechanism of the catalytic action of metals in the oxidation of unsaturated hydrocarbon-containing fuels [with English summary in insert]. p. 2022.
Starobinets, G.L. - Sorption of binary solutions by natural and synthetic rubber vulcanizates. Part 3. Model analysis of the system polymer-solvent-nonsolvent [with English summary in insert]. p. 2029.
Rubinshtein, B.E. - Dependence of activation energy on the catalyst concentration [with English summary in insert]. p. 2039.
Slavianskii, V.T. - Reaction of molten barium borate and sodium borate glasses with sulfur dioxide gas [with English summary in insert]. p. 2046.
Kargin, V.A., Gatovskaia, T.V. - Sorption of hydrogenated monomers by amorphous polymers in the glassy state [with English summary in insert]. p. 2051.
Samsonov, G.V. - Heats of formation of the borides of some transition metals [with English summary in insert]. p. 2057.
Finkel'shtein, A.I. - Absorption and Raman spectra of Michler's ketone and p-aminobenzaldehyde [with English summary in insert]. p. 2061.
Frumkin, A.N. - Thermodynamics of electrocapillary phenomena in concentrated solutions [with English summary in insert]. p. 2066.
Panchenkov, G.M., and others. - Separation of the stable hydrocarbon isotopes by counter current chemical exchange in the gaseous phase. Part I [with English summary in insert]. p. 2070.
Krylova, I.V., Kobozev, N.I. - Magnetochemistry of active centers. Part 2. The catalytic properties of atomic and crystalline phases of metallic catalysis [with English summary in insert]. p. 2077.
Orlov, V.IU., Tunitskii, N.N. - Temperature dependence of the coefficient of nitrogen isotope separation on chemical exchange between ammonia and ammonium nitrate solution [with English summary in insert]. p. 2085.
Nefedov, V.D., Evtikheev, L.N. - Enrichment of radioactive antimony isotopes with the aid of triphenylantimony difluoride by the atomic recoil method [with English summary in insert]. p. 2090.
Shatenshtein, A.I., Kalinachenko, V.R., Varshavskii, IA.M. - Hydrogen exchange between aromatic hydrocarbons and liquid deuterium bromide [with English summary in insert]. p. 2093.
Shatenshtein, A.I., Kalinachenko, V.R., Varshavskii, IA.M. - Hydrogen exchange between benzene and naphthalene derivatives and liquid deuterium bromide [with English summary in insert]. p. 2098.
Avgul', N.P., and others. - Heat of adsorption of hexane vapor on carbon blacks. The thermodynamics and adsorption forces [with English summary in insert]. p. 2106.
Shakhparonov, M.I., Tatevskii, V.M. - Concerning the discussion on the theory of molecular structure. p. 2122.
Zaidenman, A.I. - On the paper by E.A.Kanevskii. p. 2124.
Zaidenman, A.I. - Again on the paper by E.A.Kanevskii. p. 2125.
Naumov, A.I., Heidel, E.P., Geidel'berg, E.P. - Determination of the equilibrium constant of the reaction between dicyclohexylamine and ammonia. p. 2126.
Davydenko, N.K. - Report of the meeting on the use of tracer atoms in the chemistry of complex compounds. p. 2127.
Chesnlova, V.S. - Meeting on the use of isotopes in catalysis. p. 2129.
Izmailov, N.A. - Note on the lectures of Academician P.A.Rebinder. p. 2133.

### c) MATHEMATICS

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 39 (81), no. 2, June, 1956.

Table of contents translated:

Azbelev, N.V. - Limits of applicability of a theorem of Chaplygin on differential inequalities. p. 161.
Brodskii, M.S. - Characteristic matrix functions of a linear operators. p. 179.
Mukhammedzhan, Kh.Kh. - On groups possessing a resolvable increasing invariant series. p. 201.
Proskurlakov, I.V. - Construction of the spectrum of a compact space containing a given topological space of the same dimension. p. 219.
Troshin, G.D. - Interpolation of functions analytic in a circle. p. 230.
Ronkin, L.I. - "Types" of an integral function of two complex variables. p. 253.
Petrovskii, I.G. - Some remarks on my paper on Cauchy's problem. p. 267.

Vol. 39., no. 3, July 1956.

Table of contents translated:

Chernikova, N.V. - Groups with complementary ... groups. p. 273.
Shul'man, T.A. - Triply adjoint systems of R pairs. Asymptotic transformations of R systems. Stratifiable R complexes. p. 293.
Alenitsyn, IU.E. - Univalent functions in multiply connected domains. p. 315.
Burdina, V.I. - Real characteristic cycles of complex manifolds. p. 337.
Gladkii, A.V. - In reference to the paper of I.N. Bronshov. p. 379.
Liu Shao-heieh. - Decomposition of locally finite algebras. p. 385.
Smirnova, Kh.A. - Problem for $\delta$-cycles. p. 397.

Vol. 40(82), no. 1, Sep. 1956.

Table of contents translated:

Fleksor, M.Sh. - Spectral function of the operator $-\sum_{i,k=1}^{3} \frac{\partial}{\partial x_i}\left[a_{ik}(x_1,x_2,x_3)\frac{\partial u}{\partial x_k}\right] + c(x_1,x_2,x_3)u = \lambda u$.
Gubar', N.A. - Definition of complex singularities of a system of two differential equations by means of simple singularities of gross systems. p. 33.
Krasovskii, N.N. - Theory of A.M.Liapunov's second method for the study of stability. p. 57.
Shirshov, A.I. - Certain embedding theorems for rings. p. 66.
Domidovich, B.P. - Bounded solutions for a certain nonlinear system of ordinary differential equations. p. 73.
Ul'ianov, P.L. - Unconditional convergence almost everywhere. p. 95.
Ventsel', T.D. - Application of the finite difference method to the solution of the first boundary value problem for equations of the parabolic type. p. 101.
Billevich, K.K. - Algebraic field units of the third and fourth order. p. 123.

Vol. 40(82), no. 2, Oct. 1956.

Table of contents translated:

Smirnov, IU.M. - Geometry of infinite uniform complexes and $\delta$-dimension of point sets. p. 137.
Kuptsov, N.P. - Absolute and uniform convergence of Fourier's series of almost periodic functions. p. 167.
Andronov, A.A., Leontovich, E.A. - Generation of limit cycles from a fine point or center and from a fine limit cycle. p. 179.
Andronov, A.A., Leontovich, E.A. - Generation of limit cycles from a complex focal point or center and from a complex limit cycle. p. 179.
Zmorovich, V.A. - Certain classes of analytical functions in a circular ring. p. 235.
Dziadyk, V.K. - Extension of functions satisfying the Lipschitz condition in the metric. p. 239.
Nikol'skii, S.M. - Extension of functions of several variables with the preservation of differential properties. p. 243.
Szasz, F. - On rings, every subring of which is a direct summand of the ring. p. 269.

TEORIIA VEROIATNOSTEI I EE PRIMENENIIA [THEORY OF PROBABILITY AND ITS APPLICATIONS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 1, no. 1, 1956. [In Russian with summaries in English, German, or French, or in English, German, or French with summaries in Russian.]

Table of contents translated:

Khinchin, A.IA. - Sequences of random events without

aftereffect. p. 3.
Cramer, H. - Theorem on ordered sets of random distributions. p. 19.
Dynkin, E.B. - Markov processes and operator semigroups. p. 25.
Dynkin, E.B. - Infinitesimal operators of Markov processes. p. 36.
Rényi, A. - Conditional probability spaces generated by a dimensionally ordered set of measures. p. 61.
Dobrushin, R.L. - Central limit theorem for nonstationary Markov chains. p. 72.
Takacs, L. - Sequence of events selected by a counter from a recurrent process of events. p. 90.
Mihoc, G. - Limit rules for random vectors forming a Markov chain. p. 103.
Vladimirov, V.S. - Application of the Monte Carlo methods for obtaining the lower characteristics number and the corresponding eigenfunction for a linear integral equation. p. 113.
Tumanian, S.Kh. - Asymptotic distribution of the $\chi^2$ criterion when the size of observations and the number of groups simultaneously increase. p. 131.
Urbanik, K. - Stochastic processes whose sample functions are distributions. p. 140.
Dynkin, E.B., Iushkevich, A.A. - Strong Markov processes. p. 149.
Chentsov, N.N. - Weak convergence of random processes with trajectories which do not possess discontinuities of the second order and the so-called heuristic approach to the concurrence theorem of the Kolmogorov-Smirnov type. p. 156.
IAglom, A.M. - Application of function space integrals to the evaluation of the statistical sum of quantum statistics. p. 161.
Sirazhdinov, S.Kh. - Estimations with minimum bias for a binomial distribution. p. 168.

## 0 PHYSICS

AKADEMIIA NAUK SSSR. Izvestiia, Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Physical Series]. Moscow, vol. 20, no. 8, Aug. 1956.
Table of contents translated:
Gol'din, L.L., Trel'iakov, E.F. - Precision magnetic alpha-ray spectrometer. p. 959.
Gol'din, L.L., Novikova, G.I., Trel'iakov, E.F. - Highest rotational state of nuclei. Alpha decay intensity calculated for rotational excited levels. p. 969.
Kondrat'ev, L.N., and others. - On the alpha decay of $Np^{237}$. p. 975.
Krisiuk, E.M., and others. - Internal conversion electron spectra of active radiothorium deposits. (Region $Hp = 2000 \div 10300$ Gs. cm). p. 977.
Krisiuk, E.M., and others. - Internal conversion in the $Pb^{209}$ atom in 2615 kev transitions. p. 983.
Shtiagin, K.N. - Beta spectrum of $Pu^{241}$. p. 991.
Antonova, I.A. - Using thick-layer photoplates in studying the conversion electron spectra of $Ba^{137}$, $In^{113}$, and $In^{115}$ isomers in the beta-ray spectrometer. p. 996.
Lukirskii, P.I., Sumbaev, O.I. - Two-meter crystal diffraction gamma-ray spectrometer. p. 1003.
Dollagin, N.N., Kuznetsova, G.A., Shpinel', V.S. - Luminescent spectrometer analysis of the gamma radiation of $Ir^{192}$. p. 1009.
Dollagin, N.N., and others. - Decay schemes of $Zr^{97}$ and $Nb^{97}$. p. 1013.
Dzhelepov, B.S., and others. - Gamma-ray spectra of $Sb^{124}$. p. 1026.
Dzhelepov, B.S., Shestopalova, S.A. - On 0→0 transition in RaC'. p. 1033.
Bugrov, N.A., Danilian, G.V. - Investigating gamma-ray spectra following neutron capture in $Na^{23}$ and $Th^{232}$. p. 1041.
Dzhelepov, B.S., No Sŏn-chan, Tishkin, P.A. - A new method for improving the focusing properties of the lens spectrometer. p. 1047.
Baskova, K.A., Dzhelepov, B.S. - Investigating the angular distribution of gamma quanta in positron annihilation in various substances. p. 1051.
Poker, L.K. - Role of deformation in the formation of isomer nuclear states. p. 1056.
Damidov, A.M. - Nuclear levels with odd neutron numbers, $Z \approx 11 \div 26$. p. 1062.
Gol'danskii, V.I., Evseev, V.S. - On the existence of odd A octupole isomer transitions in nuclei having a half-life period $T_{1/2} \approx 10^{-9} \div 1$ sec. p. 1067.

AKADEMIIA NAUK SSSR. Izvestiia, Seriia geofizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Geophysical Series]. Moscow, no. 9, Sep. 1956.
Table of contents translated:
Otto IUl'evich Shmidt; obituary. p. 1.
Petrashen', G.I., Enal'skii, V.A. - Some interference phenomena in media containing thin horizontal-parallel layers. Part 1. p. 1009.
Alekseev, A.S., TSepolev, N.V. - Intensity of reflected waves in a laminar nonhomogeneous elastic medium. p. 1021.
Gamburtsev, G.A., Veitsman, P.S. - Contrast of data obtained by deep seismic sounding with seismological and gravimetric data concerning the structure of the earth's crust in northern Tien Shan. p. 1036.
TSareva, N.V. - Propagation of elastic waves in sand. p. 1044.
Urazaev, I.M. - Characteristics of natural electric fields originating over sulfide deposits. p. 1054.
Fedorov, K.N. - Calculating the density field in the ocean. p. 1068.
Malkevich, M.S. - Solution of integral equations on the theory of light scattering in the atmosphere. p. 1080.
Diubiuk, A.F. - Vertical movements in regions of moving fronts. p. 1091.
Dorfabin, V.P. - Effect of drying on the thermal conditions of soil. p. 1099.
Gotsadze, O.D. - Determining the condition of refractive and diffractive surfaces of the earth's crust by angular anomalies of the seismic ray. p. 1107.
Bulanzhe, IU.D. - Effect of compressibility of the compensating fluid in quartz gravimeters having a horizontal torsion wire. p. 1114.
Imianitov, I.M., and others. - Instrument for prolonged measurement of the intensity of an atmospheric electrical field in complex meteorological conditions. p. 1121.
Dissertations defended in the Scientific Research Institute of Geophysical Prospecting. p. 1128.

AKADEMIIA NAUK SSSR. Geofizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geophysical Institute. Transactions]. Moscow, no. 37(164), 1956. Sbornik statei po dinamicheskoi meteorologii [Collected articles on dynamic meteorology].
Table of contents translated:
Gutman, L.N. - Theory of computing soil temperature. p. 3.
Sarkisian, A.S. - Determining steady wind-driven currents in a baroclinic layer of the ocean. p. 50.
Feigel'son, E.M. - Effect of clouds on thermal conditions of the atmosphere. p. 62.
Malkevich, M.S. - Cooling of the atmosphere under the influence of radiation heat exchange. p. 89.
Malkevich, M.S. - Changes in atmospheric temperature in time under the influence of turbulent agitation and radiation heat exchange. p. 102.
Malkevich, M.S. - Theoretical calculation of solar radiation absorbed by the atmosphere during various time intervals. p. 120.
Kogan, S.IA. - Method for calculating the advective influx of heat. p. 132.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Institut fiziki i geofiziki. Trudy [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Institute of Physics and Geophysics. Transactions]. Ashkhabad, Vol. 1, 1955.
Table of contents translated:
Preface. p. 3.
List of symbols used in E.N. Kramer's article. p. 4.
Kramer, E.N. - Radiants of the comets. p. 5.
Shtepan, V.E. - Catalogue of telescopic meteors. p. 73.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Fiziko-tekhnicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Institute of Physics and Technology. Transactions]. Tashkent, vol. 6, 1955.
Table of contents translated:
Umarov, S.U. - Tenth anniversary of the Institute of Physics and Technology. p. 3.
Umarov, S.U., Gurvich, L.G. - Theory of metal-semiconductor contacts. p. 20.
Umarov, S.U., Avak'iants, G.M., Gurvich, L.G. - Distribution of reflected ions according to angles and energies. p. 34.
Avak'iants, G.M. - Theory of electron emission from metals in an electric field. p. 43.
Petushkov, E.E. - Selecting a control method for the determination of moisture content in raw cotton. p. 54.
Gurvich, L.G., Mamatkulov, R., Khudaibergenova, Z. - Tables for conversion of scattering angles and differential scattering cross sections used in the transition from the inertia center system to the observer's system. p. 62.
Kazanskii, V.V. - Electric characteristics of raw cotton with various moisture contents in high-frequency fields. p. 72.
Kazanskii, V.V., Kordub, N.V., Petushkov, E.E. - Simple method for increasing the precision of capacitance meters used for measuring the moisture of raw cotton. p. 78.
Dulova, V.I., Leonov, N.D., Vestrilova, N.V. - Radioactive phosphorus tracers for determining the constitution of phosphorus compounds in plants. p. 90.
Kordub, N.V. - Reducing the exposure time in making X-ray pictures of cotton fibers. p. 94.

AKUSTICHESKII ZHURNAL [JOURNAL OF ACOUSTICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 3, July-Sep. 1956.
Table of contents translated:
Brekhovskikh, L.M. - Propagation of sound in inhomogeneous media. p. 235.
Aleksandrov, K.S., Nosikov, O.V. - Instrument for measuring the elastic moduli of crystals. p. 244.
Batabukha, D.K., Miasnikov, L.L., Plotnikova, E.N. Modulation method for measuring small electric voltages in the acoustic frequency range. p. 248.
Golikov, E.E. - On new quality rating coefficients used in the acoustics of rooms. p. 255.
Karnovskii, M.I. - Computing impedance in some acoustic distribution systems. p. 267.
Sapozhkov, M.A. - Correlation metod for measuring transmission distortion coefficients. p. 279.
Solov'ev, V.A. - Theory of the ultrasonic interferometer. p. 285.
Tiutekin, V.V. - Propagation of elastic waves in a medium with cylindrical channels. p. 291.
Chetaev, D.N. - Effect of the speed of pressure flow on the radiation impedance of pistons with an infinite baffle. p. 302.
Chistovich, L.A. - Significance of time factors in the perception of complex sounds. p. 310.
Rozenberg, L.D. - "Sonics. Technique for the use of sound and ultrasound in engineering and science" [in English] by T.F. Huter, R.H. Bolt. p. 317.
Rozenberg, L.D. - "Ultrasonic Engineering" [in English] by A.E. Crawford. p. 318.
Bronshtein, I.N. - N.I. Lobachevskii's unknown paper on acoustics. p. 320.
Anan'eva, A.A. - Cylindrical radiator made of barium titanate ceramics for emitting sound waves along the axis of the cylinder. p. 323.
Gol'dberg, Z.A. - Second approximation equations used in acoustics and the propagation of two-dimensional waves of finite amplitude. p. 325.

FIZIKA, MEKHANIKA, MATEMATIKA; Sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [PHYSICS, MECHANICS, MATHEMATICS; Classified Index of Articles in Foreign Periodicals]. Issued by Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature]. Moscow, nos. 8(48)-10(50), 1956.

FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 16, no. 6, Nov.-Dec. 1956.
Table of contents translated:
Relating the teaching of physics to real life. p. 3.
Vaisenberg, A.O. - Recent data on elementary particles. p. 7.
News of science and technology. p. 18.
Menshutin, N.F. - On the topic "Reflection and refraction of light." p. 21.
Evropin, G.P., Shcherbakov, N.A. - Studying the topic "Changes in the states of matter." p. 29.
Bukh, A.L. - Elastic collisions of balls. p. 36.
Bolind, H.F. - Teaching physics in the schools of Great Britain. p. 37.
Penner, D.I., Strakhov, N.V. - Ionizing particle counters. p. 44.
Morgulis, M.S. - Construction of a sensitive galvanometer. p. 47.
Usova, A.V. - Demonstration of uniform straight-line motion. p. 50.
Shatov, M.I. - Two stroboscopic experiments. p. 51.
Aver'ianov, G.B. - Demonstration model of the asynchronous motor and electric meter. p. 53.
Lileiko, P.G. - Apparatus for experiments with three-phase current. p. 55.
Metliaev, T.N. - Single-phase three-phase current converter. p. 58.
Margolin, B.L. - Experiments with electron tubes. p. 60.
Zhukov, I.A. - Decimeter wave generator. p. 62.
Useful advice. p. 64.
Sof'ina, T.V., Kozhevnikov, E.A. - Construction of mechanical models. p. 66.
Priorov, V.I. - Utilizing the "Kiev-1" mobile electric power station in rural schools. p. 69.
Maslovskii, V.I. - Generator for low-frequency electromagnetic vibrations. p. 71.
Ambruliavičius, I.P. - A steam-jet engine model. p. 73.
Elanskii, V.A. - Homemade three-phase transformer. p. 74.
Babaitsev, B.I. - Plotting the trajectories for the motion of bodies. p. 75.
Readers' suggestions. p. 76.
Fomishenko, I.V. - Problems and questions on the topic "Properties of liquids." p. 79.
Reviews and bibliography. p. 80.
Brief news. p. 86.
Graphic astronomical calendar for 1957. p. 89.
Topical index of articles published in the periodical "Fizika v shkole" in 1956. p. 93.

KRISTALLOGRAFIIA [CRYSTALLOGRAPHY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 3, 1956.
Table of contents translated:
In memory of A.K. Boldyrev. p. 267.
Zhdanov, G.S., and others. - X-ray determination of unit cells and space-groups of piezoelectric crystals: $KLiC_4H_4O_6 \cdot H_2O$, $NH_4LiC_4H_4O_6 \cdot H_2O$, $NaHC_4H_4O_6 \cdot H_2O$ and $(NH_4)_2C_4H_4O_6$. p. 271.
Syrkin, L.N. - Studying the forms of potential energy surfaces for ions in perovskite-type crystals. p. 274.

Iavorskii, I. V. - Geometry of diffraction pictures in the presence of dynamic interaction of X rays and crystals. p. 287.

Purat-Koshits, M. A. - Crystal structure of cesium tetrachloroceltate $Cs_2CeCl_6$. p. 291

Prasker, Z. G., Khitrova, V. I. - Studying the structure of some four component alloys Tl-Sb-As-Se. p. 300.

Semiletov, S. A. - Electron diffraction examination of the structure of thin layers of cadmium sulfide, cadmium selenide and cadmium telluride. p. 306.

Vainshtein, B. K., Stasova, M. M. - Electron diffraction examination of ammonium fluosilicate. p. 311.

Batsanov, S. S., Sonin, A. S. - Refraction of hydrogen bonds in inorganic compounds. 2. p. 321.

Batsanov, S. S. - Refraction of hydrogen bonds in inorganic compounds. 3. p. 326.

Breude, V. L., Prikhot'ko, A. F. - Investigating the structural changes in crystals by observing their spectra at low temperatures. p. 334.

Froiman, A. I., Fridkin, V. M. - Studying the heterocharges of electrets in carnauba wax. p. 342.

Lemmlein, G. G., Dukova, E. D. - Formation of screw dislocations during the process of crystal growth. p. 351.

Pazdniakov, P. G. - Growth of lithium sulfate crystals. p. 356.

Belov, N. V., Tarkhova, T. N. - Hexoctahedron group. p. 360.

Liashenko, M. N. - Crystals of complex compounds of platinum group metals; article 13. p. 361.

Burovaia, E. E. - Crystals of complex compounds of platinum metals; article 14. p. 365.

Baranskii, K. N., Gribov, L. A., Prikhod'ko, V. P. - Refractive index of Rochelle salt approximating the phase transition point. p. 368.

Zheludev, I. S., Makarov, V. M. - Measuring pressures resulting from gas mixture explosions with a piezoelectric gauge. p. 370.

Aleksandrov, K. S., Khaimov-Mal'kov, V. IA. - Rotation of the plane of polarization of elastic shear waves. p. 373.

Shubnikov, A. V. - Characteristics of the crystallization of diphenylamine. p. 374.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Organ of Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U. S. S. R.]. Leningrad, no. 10, Oct. 1956.

Table of contents translated:

Gira, A. A. - Long-range transformations of forms of atmospheric circulation and changes in solar activity. p. 3.

Mertsalov, A. N. - Shift of pressure formations on the earth's surface. p. 14.

Guk, N. I. - Study of climatic cartography. p. 21.

Khrabrov, IU. B. - Compiling monthly weather forecasts with reduced forewarning period. p. 30.

Pinus, N. Z. - Estimating atmospheric turbulency on the basis of the intensity of bumping in high-speed airplanes. p. 33.

Rudnev, G. V. - Soil moisture conditions in fields tilled by the T. S. Mal'tsev system. p. 37.

Afanas'ev, A. N. - Calculating the amount of evaporation from the surfaces of waters located within the physical geographical conditions of the Central Siberian Upland. p. 39.

Alekseev, G. A. - Recession curves of streamflow. p. 41.

Trestman, A. G. - Some problems of plotting water discharge curves and computing streamflow in the case of the unstable relation between discharge and level. p. 45.

Sirotov, K. M. - Attenuation of ocean waves and cal- [illegible] of shifting wind.

[illegible] vice for [illegible] riving

[illegible] round a

[illegible] les, p. 54. [illegible] termining [illegible] need for

[illegible] e circum- [illegible] ky, p. 57. [illegible] for rough

[illegible] limatic

[illegible] f S. K.

[illegible] asting,

[illegible] di; on

[illegible] skii's

[illegible] broad.

MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE. Transactions]. No. 46(73), 1956. Voprosy sinopticheskoi meteorologii [Problems in synoptic meteorology].

Table of contents translated:

Morskoi, G. I. - Theoretical analysis of synoptic processes. p. 3.

Bagrov, N. A. - Analogy of fields of meteorological elements. p. 40.

Bagrov, N. A., Shabunina, T. A. - Variability of mean monthly temperatures in northern Eurasia. p. 53.

Bachurina, A. A., Gus'kova, V. G. - Study of the drought observed during June, 1948, in southeastern European Russia. p. 64.

Kalmykova, N. M. - Analytical representation of fields of meteorological elements. p. 79.

OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, no. 6, Oct. 1956.

Table of contents translated:

Zaitsev, G. A. - General theory of molecules with internal rotation. Part 1. p. 729.

Kovner, M. A. - Vibration spectra of aromatic compounds. Part 4. Calculation and interpretation of the vibration spectra of biphenyl and decadeuteriobiphenyl. p. 742.

Sverdlov, L. M. - Vibration spectra of olefins. Part 3. Calculation and interpretation of the vibration spectra of cis- and trans-buten-2 and tetramethylethylene. p. 752.

Shishlovskii, A. A. - Comparison of the absorption spectra of dehydrated microcrystals of thallium and lead halide salts and of alkali halid phosphors activated by the salts of the above metals. p. 765

Lotkova, E. N., and others. - Infrared and Raman spectra of boric anhydride. Part 1. p. 772.

Gubel', N. N. - Formulas for calculating the partial derivatives from third-order aberration coefficients based on the parameters of the optical system. p. 783.

Ivanov, A. P., Toropets, A. S. - Spectrophotometric analysis of mixtures of powdery substances. p. 802.

Fedorov, F. I. - "Transfer principle" and the general theory of the optical properties of absorbing crystals." p. 807.

Kaliteevskii, N. I., Chaika, M. P. - Correlation between the magnetic and quadrupole moments of $U^{(1)}$ and $U^{(2)}$ nuclei. p. 809.

Gorban', I. S., Shishlovskii, A. A. - Rayleigh-type mirror interferometer. p. 811.

Fifth Conference on Luminescence (crystal phosphors). p. 813.

Vol. 1, no. 7, Nov. 1956.

Table of contents translated:

Ostrovskii, IU. I., Parchevskii, G. F., Penkin, N. P. - Relative magnitudes of vibration forces in the spectra of titanium and manganese. p. 821.

Kireev, P. S. - Intensity of the fine structure components of He IIλ=4686 Å lines. p. 833.

Kolesnikov, V. N., Bogdanova, V. V. - Optical study of high-voltage d. c. arcs in argon atmospheres. p. 846.

Charnaia, F. A. - Study of the instantaneous brightness of pulse discharge channels in air. p. 857.

Dianov-Klokov, V. I. - Absorption spectrum of liquid oxygen in mixtures with argon and krypton (11,000-3300 Å). p. 862.

Lubchenko, A. F. - Absorption of light in molecular crystals containing various molecules in the primitive cells. p. 867.

Brodin, M. S. - Absorption and dispersion of light in stilbene crystals at room and at low temperatures. p. 876.

Val'kov, V. I., Maslenkova, G. L. - Interaction of inter- and intramolecular vibrations in the spectrum of ice crystals. p. 881.

Agranovich, V. M., Faidysh, A. N. - Effect of reabsorption on the quantum yield of luminescence in organic compound solid solutions. p. 886.

Tepliakov, P. A. - Effect of solvents on the phosphorescence of aromatic compounds at low temperatures. p. 896.

Vinokurov, L. A. - Effect of infrared radiation on the luminescence of ZnS-Cu, Co and ZnS-Cu, Ni phosphors at various electron distributions according to capture levels. p. 901.

Kolladin, A. I. - Anomalous scattering of light in glass. p. 907.

Molchanova, O. S. - Birefringence of porous glass. p. 917.

Fedorov, F. I. - Optics of magnetic crystals. Part 1. Normal equations. p. 926.

Kolomiitsov, IU. V. - Wave representations in the theory of interferometers. p. 937.

Neporent, B. S., Solodovnikov, A. A. - Effect of helium on the spectral intensity of the vapors of complex aromatic compounds. p. 951.

Feofilov, P. P. Anisotropy of luminescent color centers in CsI-Tl crystals. p. 952.

Sixth International Colloquium on Spectroscopy. p. 956.

UKRAINS'KYI FIZYCHNYI ZHURNAL. [UKRAINIAN PHYSICAL JOURNAL.] Issued by Viddil fizyko-matiychnykh nauk Akademii nauk URSR [Division of Physical and Mathematical Sciences of the Academy of Sciences of the Ukrainian S.S.R.] Kiev, vol. 1, no. 3, July-Sep. 1956. [In Ukrainian with summaries in Russian.]

Table of contents translated:

Blokhintsev, D. I. - Physical and technological problems of atomic power (lecture given at the session of the Ukrainian Academy of Sciences) p. 215.

Tolpygo, K. B., Zaslavs'ka, L. H. - [illegible] spectra of NaCl taking ion deformation [illegible] p. 226.

Deihen, M. F., TSvirko, H. A. - [illegible] procession in metal-ammonia solutions p. 237.

Kosovych, A. M. - Quasi-classic quantization [illegible] magnetic field. p. 261.

Lubchenko, A. F. - On the shape of light absorption and emission bands of admixture crystals p. 265.

Lubchenko, A. F. - Light absorption and luminescence of admixtures subjected to excitation at [illegible] vibration levels. p. 281.

Vyshnevskyi, V. N. - Luminescence of [illegible] and anthracene admixture crystals. p. 295.

Zinherman, IA. P. - Thermal resistance of [illegible] coated cathode. p. 301.

USPEKHI FIZICHESKIKH NAUK [PHYSICAL SCIENCES]. Moscow, vol. [illegible] May 1956.

Table of contents translated:

From the editor. p. 3.

Tamm, I. E. - A. Einstein and modern [illegible]

Ginzburg, V. L. - Experimental verification of the general theory of relativity. p. 11.

Mikhailov, A. A. - Observation of Einstein [illegible] during solar eclipses. p. 51.

Fok, V. A. - Motion equations for [illegible] masses accounting for their internal [illegible] rotation. p. 67.

Einstein, Albert. - An autobiography. p. 71.

Fok, V. A. - Notes on Albert Einstein's [illegible] p. 107.

Born, Max. - Albert Einstein and light [illegible]

Infeld, Leopold. - My recollections of Einstein. p. 136.

Einstein, A. - Causes of meander formation [illegible] beds and Baer's Law. p. 169.

ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 30, no. 2, Feb. 1956.

Table of contents translated:

Barnaov, S.A., Shilagin, K.N. - Electron [illegible] $U^{237}$. p. 225.

Shpinel', V.S., Kuznetsova, G.A. - Investigation of radioactive decay chains. p. 231.

Kocharian, N.M., and others. - Meson [illegible] of cosmic radiation at an altitude of 3250 m above sea level. p. 243.

Glagoleva, V.P., Zhdanov, G.S. - Structure of [illegible] conductors. Part 9. X-ray determination of the structure of $\alpha$-Bi$_2$Rh. p. 248.

Tverdokhlebov, V.I. - Probe investigations of [illegible] flames. p. 252.

Vorob'ev, G.A. - Relation between the dielectric strength of some alkali halide single crystals and the length of the applied voltage. p. 256.

Borovik, E.S. - Interrelation between the anomalies of the Hall effect and the variation of the resistance of metals in the magnetic field. Part 1. [illegible] of zinc. p. 262.

Garif'ianov, N.S., Kozyrev, B.M. - Paramagnetic resonance in anthracite and other [illegible] containing carbon. p. 272.

Gramenitskii, I.M., Podgoretskii, M.I., Sharapova, IU.F. - Investigation of the coupled stars [illegible] means of moving photographic plates. p. 277.

Ostroumov, G.A. - Some hydrodynamical phenomena accompanying the passage of current through [illegible] lating liquids. p. 282.

Sonn, L.A., Taubo, N.S. - "Contract" phenomena in plasma. p. 287.

Zaripov, M.M., Shamonin, IU.IA. - Paramagnetic resonance in synthetic ruby. p. 291.

Soroko, L.M. - The reaction p+p→ ? + p+p in the 400-600 Mev. range. p. 295.

Pokar, S.I. - Nucleon-meson dynamics in strong coupling. Part 1. Approximate method. Spin-isospin motion. p. 304.

Baier, V.N., Pokar, S.I. - Nucleon-meson dynamics in strong coupling. Part 2. Ground and isobaric states, charge and spin of the nucleon. p. 311.

Borgardt, A.A. - Theory of meson fields. Part 3. Conservation of the physical quantities. p. 320.

Borgardt, A.A. - Matrix aspects of boson theory. p. 334.

Bonch-Bruevich, V.L. - Theory of the interaction between the electron gas and the crystal lattice. p. 342.

Janossy, L. - Generalized form of the diffusion equation for a single particle. p. 351.
Pal, L. - Theory of the stochastic processes in the cosmic radiation. p. 362.
Pál, L. - Application of the theory of stochastic processes to the investigation of nuclear fission. p. 367.
Sivukhin, D.V. - Theory of elliptic polarization of light reflected from isotropic media. p. 374.
Kaplan, S.A., Staniukovich, K.P. - Solution of inhomogeneous, one-dimensional motion problems in magnetic gas dynamics. p. 382.
Abrikosov, A.A. - High-energy Compton effect. p. 386.
Liapidevskii, V.K. - Formation of a cellular structure in fog or smoke layers. p. 399.
Gozhenko, N.A., Altaiskii, IU.M. - Resistance of metal-to-semiconductor contacts at high-contact potential differences. p. 401.
Lushchik, Ch.B., and others. - Thermo-optical bleaching technique for the investigation of NaCl, AgCl trapping centers. p. 403.
Alekseevskii, N.E., Lifanov, I.I. - Effect of uniform compression on the superconducting characteristics of the $\alpha$ - and $\beta$ -modifications of $Bi_\beta$ Pd. p. 405.
Rapoport, Z.TS. - Orientation of the antenna of an ionospheric station. p. 407.
Kravtsov, V.A. - Comparison of the stability of nuclear shells and subshells. p. 408.
Strutinskii, V.M. - Theory of the $\alpha$-disintegration of nonspherical nuclei. p. 411.
Gel'fand, IU.A. - Estimate of the $\pi^+ - p$ scattering cross section from the $\pi^- - p$ scattering cross section near resonance. p. 413.
Arinshtein, E.A. - Effect of a diffusion on the kinetics of crystallization. p. 414.
Diatlov, I.T., Ter-Martirosian, K.A. - Asymptotic theory of meson-meson scattering. p. 416.
Terletskii, IA.P. - Relativistic repulsion effects in a scalar field and attraction effects in a vector field. p. 419.
Silin, V.P. - Kinetics of the paramagnetic phenomena. p. 421.
Pomeranchuk, I.IA. - Conservation of isotopic spin and scattering of antinucleons by nucleons. p. 423.
Okun', L.B., Pomeranchuk, I.IA. - Conservation of isotopic spin and the cross sections of the interaction of $\pi$- mesons and high-energy nucleons with nucleons. p. 424.
Zhirnov, V.A. - Theory of Raiskii's bilocal fields. p. 425.
Bazarov, I.P. - The decisive factor of the oscillatory characteristics of a plasma and the consideration of the influence of the gas atoms on these characteristics. p. 426.
Rezentsveig, L.N., Sitenko, A.G. - Disintegration of a relativistic deuteron in a nuclear electric field. p. 427.
Aglintsev, K.K. - On N.I.Shteinbok's paper, "Fundamental characteristics of ionization chambers." p. 429.
Konstantinova, E.L., Sokolik, G.A. - Schroedinger's two-dimensional equation and the representations of groups of motion planes. p. 430.

Vol. 31, no. 4(10), Oct. 1956.
Table of contents translated:
Ignatenko, A.E., and others. - Interaction of $\pi^-$ mesons with lead, copper, carbon, and beryllium nuclei. p. 545.
Mukhin, A.I., Pontekorvo, B. - Scattering of $\pi^+$-mesons by hydrogen. Part 2. Evaluation and interpretation of results. p. 550.
Meshkovskii, A.G., and others. - Formation of positive $\pi$ -mesons by 660 Mev protons in hydrogen. p. 560.
Skanavi, G.I., Demeshina, A.I. - Dielectric properties of bismuth titanates. p. 565.
Bydin, IU.F., Dukel'skii, V.M. - Electron separation from negative ions of halides following collisions with atoms of inert gases and with hydrogen molecules. p. 569.
Borovik-Romanov, A.S., Orlova, M.P. - Magnetic properties of cobalt and manganese carbonates. p. 579.
Ioffe, B.L. - Dispersion correlations for scattering and photoproduction. p. 583.
Samoilovich, A.G., Kondratenko, V.M. - Theory of atomic semiconductors. p. 596.
Denisov, N.G. - On a field characteristic of electromagnetic waves propagating in inhomogeneous plasma. p. 609.
Vialov, G.N. - Anomalous magnetic moment of nucleons. p. 620.
Krivoglaz, M.A. - Theory of the diffusive scattering of X rays by solid solutions. p. 625.
Sitenko, A.G. - Theory of stripping reaction. p. 636.
Sitenko, A.G., Stepanov, K.N. - Electron plasma oscillations in a magnetic field. p. 642.
Mamasakhlisov, V.I. - Investigating the $Be^9(dn)B^{10}$ nuclear reaction. p. 652.
Shabanskii, V.P. - Transfer processes in conductors taking nonlinear effects into consideration. p. 657.
Bass, F.G., TSidil'kovskii, I.M. - Theory of isothermal galvano- and thermomagnetic phenomena in semiconductors. p. 672.
Gerasimenko, V.I., Rozentsveig, L.N. - Two-electron charge-exchange of alpha particles in helium. p. 684.
Kudriavtsev, V.S. - On quasi-classical quantization. p. 688.
Ivanova, N.S. - Mean excitation energy of fissionable uranium nuclei in the process of absorption of slow $\pi$ -mesons. p. 693.
Barashenkov, V.S. - Compton effect observed on recoil electrons. p. 694.
Kazarnovskii, M.V. - Correlation between neutron scattering and heat capacity in polycrystals. p. 696.
Tulinov, A.F. - Analysis of nuclear energy levels based on the dispersion angles of reaction products. p. 698.
Soroko, L.M. - Elastic (r - p) scattering and the characteristics of $\pi$ -meson-nucleon interactions. p. 699.
Kozodaev, M.S., and others. - Interaction of negative $\pi$ -mesons and helium nuclei at 330Mev energies. p. 701.
Terletskii, IA.P. - Reasonable notation for elementary particles. p. 703.
Raiskii, G. - Note on the theory of bilocal fields. p. 705.
Gack, IU.V., Timan, B.L. - Effect of multiple thermal ionization on the heat capacity of gases. p. 706.
Gershman, B.N. - Note on waves in homogeneous magnetically active plasma. p. 707.
Chernov, A.A. - Motion of inclusions in solids. p. 709.
Gramenitskii, I.M. - "Emulsion chamber" observation of high-energy electron showers. p. 710.
Ioffe, B.L., Pomeranchuk, I.IA., Rudik, A.P. - Dispersion correlations for $\pi$ -meson scattering by deuterons. p. 712.
Nikol'skii, S.I., Satsevich, I.E. - Effect of the earth's magnetic pole on the space distribution of particles in extensive air showers. p. 714.
Isaev, P.S., Murzin, V.S. - On a regular pattern observed in the disintegration of unstable particles. p. 715.
Ostroumov, V.I., Porfiiev, N.A. - Angular distribution of uranium fission fragments following high-energy neutron bombardment. p. 716.
Gol'danskii, V.I. - Molecular neutronoscopy. p. 717.
Nemilov, IU.A., Litvin, V.F. - Excitation function of the $Si^{28}(i, p)Si^{29}$ reaction. p. 719.
Peshkov, V.P., Kachinskii, V.N. - Measuring the pressure of saturated $He^3$ - $He^4$ vapor mixtures with high $He^3$ concentration. p. 720.
Berestetskii, V.B., Germikenbein, B.V. - Ionization slowing down of high-energy electron-positron pairs. p. 722.
Berestetskii, V.B., Kuznetsov, E.V. - Diffraction scattering of high-energy photons by nuclei. p. 723.
Zhdanova, N.F. - Temperature dependence of the viscosity of liquid argon. p. 724.
Shmushkevich, I.M. - Pulse approximation. p. 725.
Aleksandrov, IU.A., Bondarenko, I.I. - Fast neutron scattering by nuclear Coulomb fields. p. 726.
Maksimenko, V.M., Nikishov, A.I. - Multiple particle formation in nucleon-nucleon collisions at 5,3 Bev energy. p. 727.
Sudakov, V.V. - Consequences of renormalization in quantum electrodynamics and meson theory. p. 729.
Veselago, V.G., Prokhorov, A.M. - Microwave spectrum of HDSe. p. 731.
Prokoshkin, IU.D. - Correlation between the angular distribution of particles and their decay products. p. 732.
Rivin, A.I. - Spin behavior of particles in intersecting permanent and alternating magnetic fields. p. 733.
Shirokov, M.I. - On $\Lambda^0$ -particle spin. p. 734.

## 14. MEDICINE

### a) GENERAL

BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 42, no. 10, Oct. 1956.
Table of contents translated:
Manukhin, B.N. - Analysis of the mechanism of action of adrenalin and on the effect of the sympathetic nerve on the heart. p. 3.
Berkhin, E.B. - Significance of neural influences from the upper section of the gastrointestinal tract in the mechanism of water micturition. p. 7.
Grigorovich, N.A. - Role of the cerebral cortex in the pathogenesis of hemolytic anemia. Report no. 1. p. 11.
Sobieva, Z.I. - Characteristics of the course of anaerobic infection in rats following injuries of the cerebral cortex. p. 15.
Alekseeva, A.M., Magazanik, L.G. - Effect of drug-induced sleep on the amount of certain labile phosphorus compounds in various organs and tissues. p. 19.
Kushko, V.M., Ivchenko, G.M. - Effect of morphine-pentothal narcosis on the utilization of sugar by an extremity in dogs under normal conditions and following autotransplantation. p. 23.
Andriushechkina, A.V., Nikolaeva, L.P. - Problem of metabolism of nucleoproteins and of nucleic acids in Botkin's disease. p. 25.
Samarina, O.P. - Serum proteins in liver cirrhosis and in mitral defects. p. 28.
Kharkevich, D.A. - Modification of the lability of the superior cervical ganglion following the administration of quaternary ammonium compounds. p. 34.
Rozanova, V.D. - Mechanism of the action of digitalis on the hearts of animals of various ages. p. 39.
Uzbekov, A.A., Ozieva, L.B. - Humoral factors in the blood following mud applications. p. 44.
Pekhov, A.P. - Electron microscope analysis of high-frequency sound effect on Bact. suipestifer. p. 48.
Kostiakov, P.N., Reznikova, M.N. - Factors of immune reactivity in animals. p. 49.
Nikolaev, A.I. - Competition of haptenes in artificial antigens. p. 54.
Vinnikov, IA.A. - Degenerative and restorative processes in the olfactory organ in fish and amphibians. p. 57.
Utkin, I.A., Kosichenko, L.P., Butnev, IU.P. - Cell division and metabolic processes in the organism. Report no. 1. p. 60.
Volkova, L.S. - Problem of immunologic correlations between the human fetus and mother. Report no. 1: Isoserologic characteristics of retroplacental blood in mothers and of umbilical blood in newborn infants. p. 65.
Korotkova, G.P. - Fungicidal properties of the protein layer in the chicken egg. p. 69.
Valiakhmetov, A.F. - Data on the pathomorphology of the reticulo-endothelial system and of the argyrophil substance following cerebral decortication. p. 72.
Fedorova, Z.F. - Incapsulation of foreign body by ectodermal epithelium in Rana ridibunda. p. 76.
Al'bitskaia, E.F. - Graphic method for registering conditioned motor reflexes. p. 79.

MEDITSINSKAIA RADIOLOGIIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 1, no. 4, July-Aug. 1956.
Table of contents translated:
Marei, A.N. - Radioactive wastes and public health problems. p. 3.
Kovalev, I.F. - Specificity of biological activity of ionizing radiations. p. 7.
Tuzhilkova, T.N. - Effects of X rays on the regeneration of muscular tissue. p. 14.
Kholin, V.V. - Some peculiarities in the reaction of rats to X-irradiation as related to age and dosage. p. 22.
Volkhova, N.A. - Changes in the temperature reaction to pyrogens in total body X-irradiation of rabbits. p. 25.
Kiselev, P.N., Karpova, E.V. - Peculiarities of specific prevention of bacterial toxicoses in acute radiation sickness. p. 31.
Avetikian, B.G., Artemova, A.G. - Effect of X rays on the formation of an autoinfection focus. p. 35.
Toroptsev, I.V., Sokolova, N.V. - Morphological characteristics of radiation sickness induced by a single irradiation with a 10 MeV betatron. p. 41.
Aleksandrova, M.F. - Early blood reaction to the effect of penetrating irradiation of rabbits in experiments. p. 47.
Petrova, A.S. - Blood platelet change in acute radiation sickness. p. 52.
Mirimova, T.D. - Mechanism of the etiology of hemorrhagic diathesis in growing animals after total body X irradiation. p. 56.
Shaternikov, V.A. - Absorption disorders in the small intestine in radiation injuries of animals kept on different food rations. p. 61.
Grigor'ev, Iu.G. - Some data on the use of nicotinic acid in complications of radiotherapy. p. 67.
Semenov, L.F., Prokudina, E.A. - Use of compounds containing sulfur in the prevention of radiation sickness. p. 70.
Fateeva, M.N., Maslova, K.K. - Blood flow rate in the lesser circulation in rheumatism. p. 76.
Petrov, V.A. - Calculating and measuring of dosage in total body irradiation with $\beta$-rays. p. 81. (DNLM)

Vol. 1, no. 5, Sep.-Oct. 1956.
Table of contents translated:
Klemparskaia, N.N. - Infection and immunity in radiation sickness. p. 3.
Poplavskii, N.K. - Changes in reflex excitability following total body X-ray irradiation. p. 10.
Ponomarenko, N.E. - Activity of blood cholinesterase and some tissues in animals under the effect of ionizing radiation in lethal and sublethal doses. p. 13.
Bychkovskaia, I.B. - Changes in the corneal epithelium during repeated X irradiation in small doses. p. 16.

[illegible], A.B. - Effect of ionizing radiation on the [illegible] of the visual analyzer in rabbits. p.22.
[illegible], M.N. - Blastomogenic effect of ionizing [illegible]. p.51.
[illegible], N.M. - Effect of acute radiation sickness [illegible] on methionine absorption by the gastrointestinal tract. p.91.
[illegible], A.A., Beliaeva, B.F., Rogacheva, L.S. - [illegible] therapy in radiation sickness. p.45.
[illegible], I.F. - Effect of pentoxyl on the course of radiation sickness in white mice. p.51.
[illegible], B.M., Kozlina, R.IA. - Glycemic curves [illegible] following X irradiation under anesthesia. p.55.
[illegible], V.E. - Change in the body's reaction to barbiturates and the awakening effect of corazol after total body irradiation. p.59.
Kalabarov, S.E., Sipovskii, P.V. - Healing of experimental fractures in cases of radiation sickness after osteosynthesis with metal pins. p.65.
Zeitlenok, A.G. - Formation of callus in radiation sickness; experimental research. p.72.
[illegible], A.A. - Therapeutic use of radioactive iodine in thyrotoxicosis. p.74.
Uranov, IU.V. - Distribution of bromine during various functional states of the body. p.81.
Gorbovskii, S.M. - Devices for individual protection in work with radioactive isotopes. p.84.
Tarasenko, N.IU. - Cleaning radioactive impurities from cotton clothes. p.91.
(DNLM)

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT RENTGENOLOGII I RADIOLOGII.
Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF ROENTGENOLOGY AND RADIOLOGY. Transactions]. Vol. 3, 1955. Issledovaniia v oblasti rentgenologii i [investigations in the field of X-ray technics].
Table of contents translated:
From the editor. p.3.
Bundel', A.A., Rusanova, A.I. - New-type screens developed by the Molotov Institute of Roentgenology and Radiology. p.4.
Dmokhovskii, V.V. - Effect of tomograph design on the size of the exposure. p.7.
Dmokhovskii, V.V. - Thickness of the plane registered by the tomograph. p.19.
Porotkov, I.V. - Evaluating the dosage rates of beta-radiation from radioelements. p.33.
Bundel', A.A., Popov, M.F., Chizhunova, IU.A. - Luminescence of screens subjected to short exposures. p.42.
Popov, M.F., Chizhunova, IU.A. - Investigating thermal conditions of oil-immersed X-ray tubes. p.59.
Chizhunova, IU.A. - Evaluating the rate of heat input in oil-immersed X-ray tubes. p.71.
Krongauz, A.N. - Investigating the photoconductivity and the photographic effect of cuprous oxide under the action of X rays. p.77.
Bundel', A., Dmokhovskii, V.V., Rusanova, A.I. - Boundary effects during image formation on the radiograph and the resolving capacity of X-ray screens. p.86.
Dmokhovskii, V.V. - Addition of geometric and screen haziness. p.96.
Popov, M.F. - Dynamic haziness of radiographs. p.107.
Dmokhovskii, V.V. - Regulation of X-ray apparatus. p.115.
Rusanova, A.I. - Effect of the iron on the luminescence of zinc sulfide activated by silver, copper, and iron. p.123.
Bundel', A.A. - Effect of heat treatment on the luminescence of zinc sulfide luminophores. p.129.
Bundel', A.A., Popov, M.F., Chizhunova, IU.A. - Relation between postluminescence of sulfide screens and their working conditions. p.137.
Rusanova, A.I. - Aging phenomena in zinc sulfide luminophores. p.146.
Distribution of the physical dosage of X-ray emission in rotation irradiation. p.155.
Ruderman, A.I., TSukershtein, V.G. - Experimental study of the distribution of X-ray emission in the case of sectional exposure by oscillating tubes. p.165.
Porotkov, I.V. - Relative distribution of depth doses in case of exposures to gamma-quanta emitted by $Co^{60}$ and a Ra complex. p.174.
Popov, M.F. - Investigating the grid effect of X-ray tubes. p.187.
Popov, M.F. - Determining the vacuum in X-ray kenotrons. p.195.
Popov, M.F., Chizhunova, IU.A. - Investigating the focus of diagnostic X-ray tubes. p.201.
Solov'ev, F.I. - Investigating the vaporability of tungsten mirrors in X-ray tubes. p.209.
Popov, M.F. - Damage to X-ray tubes and kenotrons. p.211.
M.F. Popov; obituary. p.214.

PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 5, Sep.-Oct. 1956.

Table of contents translated:
IUdaev, N.A., Druzhinina, K.V. - Biosynthesis of adrenal cortex hormones in animals of various ages. p.3.
Mikhailova, N.V. - Conditioned reflex changes in the adrenocorticotropic function of the pituitary. p.9.
Pankov, IU.A. - Effect of stimulation of the splanchnic nerve on the secretion of adrenal cortex hormones in cogs. p.13.
Isichenko, N.A. - Effect of ASTH and cortisone on conditioned reflex increase of blood pressure in dogs. p.19.
Rabkina, A.E. - Effect of cortisone and ACTH on structure of the islands of Langerhans. p.25.
Stroganova, E.V. - Effect of ACTH and of cortisone on serous membranes of the joints and on their neural apparatus in experimental allergic arthritis. p.32.
Veller, N.S., Charnaia, P.M. - Diabetogenic action of ACTH in latent insufficiency of the insular apparatus. p.44.
Freidovich, A.L., Danilova, M.P. - Comparative study of the biological action of cortin, cortisone, and desoxycorticosterone. p.50.
Leites, S.M., Smirnov, N.P. - Role of the pituitary and the adrenals in the pathogenesis of experimental toxic pulmonary edema. p.54.
Eskin, I.A., Kazhdan, V.I., Sviatukhina, O.V. - Amount of 17-ketosteroids and pregnandiol in urine in normal women and in breast cancer and other mastopathies. p.57.
Tarakanov, E.I. - Hormone-active tumors of the adrenal cortex. p.61.
Khavin, I.B. - Adrenocortical syndrome. p.72.
Nikolaev, O.V. - Surgery of diseases of the adrenals. p.83.
Ioffe, B.M. - Pneumorenoroentgenography in diagnosis of adrenal tumors. p.90.
Il'ina, N.A., Ordynets, G.V. - Value of the determination of 17-ketosteroids as an index of actual and potential reserves of the adrenal cortex. p.95.
Zakharycheva, A.A., Samokhvalova, M.A. - Reaction of the adrenal cortex to ACTH in Itsenko-Cushing disease. p.100.
Gnilorybov, T.E. - Transplantation of the hypophysis on a vascular pedicle. p.104.
Krymskii, L.D., Maisiuk, A.P. - Data on the pathological anatomy of Itsenko-Cushing disease. p.110.
Zlochevskii, P.M., Lovenson, V.I., Matveeva, L.S. - Case of primary cancer of the adrenal cortex. p.120.
Gorchakov, A.K. - Review of the book "Endemic goiter" by O.V. Nikolaev. p.126.
(DNLM)

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: NORMAL'NAIA I PATOLOGICHESKAIA FIZIOLOGIIA, BIOKHIMIIA, FARMAKOLOGIIA I TOKSIKOLOGIIA [ABSTRACTS OF SOVIET MEDICAL LITERATURE: NORMAL AND PATHOLOGICAL PHYSIOLOGY, BIOCHEMISTRY, PHARMACOLOGY, AND TOXICOLOGY]. Published by Gos. izd-vo med. lit-ry [State Publishing House of Medical Literature]. Moscow, no. 28, 1956.
(DNLM)

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: ONKOLOGIIA [ABSTRACTS OF SOVIET MEDICAL LITERATURE: ONCOLOGY]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, no. 9, 1956.
(DNLM)

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: VNUTRENNIE BOLEZNI [ABSTRACTS OF SOVIET MEDICAL LITERATURE: INTERNAL DISEASES]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, no. 24, 1956.
(DNLM)

SOVREMENNYE PROBLEMY TUBERKULEZA; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [CONTEMPORARY PROBLEMS OF TUBERCULOSIS; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 7, no. 6(42), 1956.
(DNLM)

UROLOGIIA [UROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 4, Oct.-Dec. 1955.
Table of contents translated:
Dunaevskii, L.I. - Indications for prostatectomy in prostatic adenoma. p.3.
Efimov I.I. - Analysis of surgical therapy of prostatic adenoma. p.8.
Gasparian, A.M., Portnoi, A.S. - Single-stage transvesical prostatectomy in prostatic hypertrophy. p.10.
Savich, E.Sh. - Retropubic extravesical prostatectomy. p.15.
Porudominskii, I.M. - Nonspecific urethritis, epididymitis, and prostatitis. p.30.
Khesin, L.IA. - Treatment of [illegible] with A.D. Speranskii's [illegible]. p.37.
Bobkov, A.G. - Modifications of the [illegible] methanol diuria in epididymitis [illegible]
Khaptanova, A.I. - Dynamics of [illegible] following dissection; experimental [illegible]. p.37.
Lev, I.D. - Sensory innervation of [illegible] man. p.41.
Kobyl'chak, E.A. - Tissue therapy [illegible] incontinence. p.47.
IAkimidi, A.I. - Spontaneous rupture [illegible] with expulsion of calculi into the [illegible] secondary renal atrophy. p.50.
Rusakov, V.I. - Renal adenos[illegible]
Golubchanskaia, A.V. - Surgical [illegible] mucocoele. p.53.
Stuchinskii, B.G. - Perirenal [illegible]
Blatyi, M.I. - Unusual case of [illegible] ectopy of the bladder and ureth[illegible] sinus kidney, vaginal atresia [illegible] tic ureter. p.58.
Mikhel'son, A.I. - Case of ureterocele [illegible] the bladder. p.59.
Pfaff, E.G. - Ectopy of the ureter. p.[illegible]
Derevianko, I.M. - Echinococcosis [illegible] simulating tumor of the bladder. p.[illegible]
Baron, A.B. - Case of metastasis [illegible] cancer into the bladder. p.64.
Martynenko, I.F. - Case of migrati[illegible] into the bladder. p.66.
Kuz'mina, V.E. - Case of hydronep[illegible] cation of the renal walls. p.68.
Vainberg, Z.S. - Present state of [illegible] called artificial kidney. p.69.
Nalvirt, Karel. - Development and [illegible] urology in Czechoslovakia. p.77.
Vendlovskii, Stefan. - Session of the [illegible] Society in Gdansk. p.83.
Gasparian, A.M., Pytel', A.IA. - Review [illegible] "Renal calculi" by V.I. Vorobiov. p.[illegible]
Porudominskii, I.M. - Review of the [illegible] and some nongonorrheal diseases [illegible] nary organs in children" by K.A. [illegible]
Subject and author index to "Urologi[illegible]
(DNLM)

Vol. 21, no.1, Jan.-Mar. 1956.
Table of contents translated:
Gol'dberg, V.V. - Technic and results [illegible] transvesical adenomectomy with a [illegible] suture of the bladder. p.3.
Gromov, B.IA. - Peculiarities of [illegible] air combustion; experimental research [illegible]. p.27.
Kulazovitskii, Jan. - Some pathophysi[illegible] translumbar sortography. p.[illegible]
Karpenko, V.S. - Clinico-anatomic [illegible] curved suprapubic extraperitoneal [illegible] calculi of the pelvic ureter. p.21.
Plastunov, M.I. - Trauma of the bladder [illegible] nection with interruption of pregnancy [illegible]
Solovei, M.G. - Protein decomposition [illegible] the gastric juice in some urological [illegible] p.29.
Vertepova, V.M., Siniushina, M.N., [illegible] Synthomycin in nonspecific inflammat[illegible] of the urinary tract. p.35.
Gadzhiev, R.G. - Comparative study of [illegible] concentration in blood, urethral [illegible] secretions of the prostate in gonorrhea [illegible]
Arsen'ev, R.V. - Experience in treating [illegible] of anuria and oliguria with carbocholine [illegible] inary report. p.44.
Cherkasskii, L.A. - Structural characteristics [illegible] prostate in newborn infants. p.45.
Malyshkevich, A.B. - Cytodiagnostic method [illegible] bladder tumors. p.51.
Prosalzen, P.Z. - Experience in organizing [illegible] ical care in towns and districts of Leningrad [illegible] inco. p.53.
Podkaminskii, N.A. - Contact radiotherapy [illegible] plastic induration of the penis. p.[illegible]
Perlin, G.M. - A historical comment on K.F. Kl[illegible] tal's lithotrite; 125th anniversary of its [illegible] vention in Russia. p.58.
Kudriavtseva, N.A. - A case of hernia of the bladder [illegible] p.60.
Ablev, M.B. - False calculus of the bladder. p.62.
Gokhman, B.S. - A case of renal resection for [illegible] culous hydrocalicosis; technic of resection. p.63.
Kalugin, A.S. - Calculi of the prostate. p.65.
Filippova, E.A. - One-stage prostatectomy in adenoma of the prostate. p.67.
Dinnits, E.G. - Traumatic dislocation of the [illegible] p.68.
Dzhavad-Zade, M.D., Arutiunov, V.D. - [illegible] calculi and cancer of the kidney. p.69.
Lopatkin, N.A. - Present state of renal [illegible] review of foreign literature. p.72.
Report on the activities of the Society of Urologists of Kiev and Kiev Province in 1954. p.80.
Report on the activities of the Kharkov Province Society of Urologists in 1954. p.81.
Lovant, D.E. - Review of the book "Methods for [illegible]

examining patients with urological diseases" by A.I. Mikhel'son. p. 83.
Pytel', A.IA. - Review of the book "Operative urology" by E. Michalowski. p. 84.
Teplitskii, G.B. - Review of the pamphlet "Reflex anuria" by R.K. Uglov. p. 86.
(DNLM)

Vol. 21, no. 2, Apr.-June 1956.
Table of contents translated:
Sherlutan, P.M. - One-stage transvesical prostatectomy with blind suture or with suprapubic drainage of the bladder in prostatic hypertrophy. p. 3.
Shikevičius, Č.A. - Retropubic extravesical adenomectomy of the prostate. p. 6.
Sabel'nikov, I.I. - Indications for prostatectomy. p. 15.
Lapin, A.A. - Morphology of prostatic adenoma and its relation to stilnestrol therapy. p. 19.
Velikanov, K.A. - Diagnosis of prostatic cancer. p. 25.
Pytel', A.IA. - Pathogenesis of so-called essential renal hemorrhages. p. 28.
Mokhort, V.A., Rubinshtein, I.S. - Diagnosis and clinical aspects of urogenital actinomycosis. p. 39.
Mikhel'son, A.I. - Experience with surgical treatment of congenital fissures of the bladder. p. 45.
Zakharov, N.I. - Restorative operations in urethral stenosis. p. 50.
Darenskii, D.I. - Primary tunelization of the urethra in rupture of its membraneous-prostatic segment. p. 53.
Aminev, A.M. - Simplified method for the restoration of the urethra following ruptures. p. 55.
Abramian, A.IA. - Organization of urological service and training of urologists in Moscow Province. p. 58.
Petkovich, S. - Brief historical review of the development of urology in Yugoslavia. p. 63.
Vygovskii, R.G. - Results of the treatment of prostatic adenoma at the Vohlynia regional hospital. p. 66.
Pytel', IU.A. - Nephrostomy in tuberculosis of a solitary functioning kidney. p. 67.
Sarnetskaia, S.A. - Nephrostomy in tuberculosis of a solitary functioning kidney. p. 69.
Emel'ianov, I.I. - Problem of so-called fractures of the penis. p. 70.
Savchenko, N.E. - Case of congenital urethroscrotal fistula. p. 71.
Zhukova, M.N. - Modern views on prostatic surgery; review of foreign literature. p. 73.
Abiev, M.B., Epshtein, I.M. - First Republic Conference of Urologists of Azerbaijan. p. 77.
Vainberg, Z.S. - Report on the activities of the Moscow Society of Urologists in 1955. p. 81.
Gel'fer, P.I. - Review of the book "Outlines of operative urology" by A.P. TSulukidze. p. 84.
Gorkun, N.F. - Review of the book "Urethroscopy and endo-urethral operations" by A.I. Vasil'ev. p. 86.
(DNLM)

Vol. 21, no. 3, July-Sep. 1956.
Table of contents translated:
Gasparian, A.M., Tkachuk, V.N. - The role of S.P. Fedotov in the development of urology in Russia; on the 20th anniversary of his death. p. 3.
Roshchektaev, N.V. - Pathological changes in a hypertrophic prostate caused by synestrol. p. 7.
Topchan, A.B. - Hormone therapy in hypertrophy of the prostate. p. 13.
Bliznuk, V.M. - Two-stage transvesical adenomectomy in adenomatous hypertrophy of the prostate. p. 18.
Puterman, N.S. - Some remarks on V.V. Gol'dberg's article on the "Technic and results of suprapubic transvesical adenectomy with an initial blind suture of the bladder." p. 21.
Results of a discussion on adenoma of the prostate. p. 23.
Petrovich, S. - Surgical treatment of epithelial tumors of the bladder. p. 25.
Lubenskii, IU.M. - Changes in the secretory function of the kidneys in acute radiation sickness; experimental research (a preliminary report). p. 33.
Pytel', IU.A. - Intramural innervation of the renal pelvis and the renal calyces. p. 39.
Derevianko, I.M. - Blind suture of the bladder. p. 47.
Vesolovskii, S. - History of the development of urology in Poland. p. 53.
Bondarenko, V.I. - Prostate adenoma in adolescence. p. 57.
Krikent, R.K. - Case of renocolic intestinal fistula. p. 58.
Budnikov, V.V. - Case of injuries of organs of the pelvis and of the abdomen. p. 59.
Borisova, V.M. - A case of dermoid cyst of the bladder. p. 61.
Biber, O.I. - Case of a foreign body in the bladder (with total loss of retention of the urine). p. 62.
Smirnov, A.I. - Movable dextrolateral perineal ectopy of the testis. p. 62.
Taubkin, G.G. - Radiotherapy of bladder tumors; review of foreign literature. p. 64.
Dobrokhotova, G.P. - Report on the activities of the Lvov Society of Urologists in 1955. p. 76.
Pytal', A.IA., Chuchelov, N.I. - Review of the book "Surgical diseases of the genitourinary organs" by A.P. TSulukidze. p. 78.
TSulukidze, A.P. - Review of "Experiences of Soviet Medicine during the Great Patriotic War of 1941-1945," vol. 13. Pt. 1: "Surgery," section 9. p. 80.
In memory of Aleksandr Il'ich Vasil'ev. p. 95.
Congress of French Urologists in 1956. p. 96.
(DNLM)

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 12(24), Dec. 1956.
Table of contents translated:
Rozinskii, IU.B. - Hypnosis and suggestion. p. 1.
Kozmer, V.B. - Blood plasma substitutes. p. 4.
Discussion of the article "A student's work and rest." p. 6.
Petrovskii, B.V. - N.I. Pirogov. p. 7.
Farfel', V.S. - Man on skies. p. 9.
Shapiro, S.L. - Measles. p. 12.
Tur, A.F. - Burping and vomiting in children. p. 14.
Filippov, B. - A good example should be catching; verse. p. 16.
Nikonchik, O.K. - Toxemia of pregnancy. p. 18.
Stetsiuk, IAkov. - Gen'ka; a story. Translated from the Ukrainian by E. Vesenina. p. 20.
Emel'ianov, M.D. - Inflammation of the middle ear. p. 23.
Reitynbarg, D.I. - Attention! There are children in the street! p. 25.
Saltanova, R.S. - Motion-picture lecture hall for parents. p. 27.
Advice on health. p. 28.

ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S.S.R.]. Alma-Ata, vol. 10, no. 10, 1956.
Table of contents translated:
Zil'ber, L.A. - Etiology of cancer. p. 3.
Kalantaevskaia, K.A., Vashchenkova, A.P. - Studying the nervous system from vascular reflex reactions to intracutaneous adrenaline and histamine injections. p. 7.
Shanova, E.V. - Influenza and subarachnoid hemorrhages. p. 10.
Papadato, A.L. - Thrombosis of the abdominal part of the aorta; diagnosis, clinical aspects and treatment. p. 14.
Kolchin, F.P. - Clinical aspects of paratyphoid fever in infants. p. 18.
Antipina, N.V. - Some causes, the course and outcome of premature labor; according to hospital data. p. 23.
Moshkevich, V.S. - Changes in the peripheral blood following cooling of the tonsils in chronic tonsillitis. p. 27.
Petrova, M.A. - Goat milk for nutritional and therapeutic purposes. p. 30.
Osadchuk, S.P., Efimova, V.S. - Case of agranulocytosis induced by drugs. p. 36.
Lenartovich, V.A. - Case of myiasis linearis cured by ethyl chloride. p. 40.
Samarin, R.I. - Main stages in the development of the public health service in Kazakhstan before the Revolution. p. 42.
Professor Aleksandr Nikolaevich Syzganov; on his 60th birthday. p. 46.
(DNLM)

## b) GYNECOLOGY, OBSTETRICS & PEDIATRICS

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 39, no. 4, July-Aug. 1956.
Table of contents translated:
Danilevich, M.G., Zhagulo, E.M., Kurileva, O.M. - Scarlet fever today and leading problems in its control. p. 3.
Lopatina, Zh.M. - Relapses in scarlet fever. p. 11.
Sharlai, I.V., and others. - Clinical and epidemiologic observations of recurrent scarlet fever. p. 14.
Berzina, L.A., Mauerman, O.E. - Significance of penicillin and other factors in the etiology of recurrent scarlet fever. p. 17.
Markova, A.A., Kudasova, M.S., Semenova, Z.P. - Problems in the diagnosis and hospitalization of children with diphtheria and with suspected diphtheria. p. 22.
Podlevskii, A.F. - On the problem of repeat cases of diphtheria; author's abstract. p. 27.
Deliagina, L.P., and others. - Significance of the agglutination reaction as a method for differentiating diphtheria from tonsillitis of different etiology in carriers of diphtherial germs. p. 28.
Alieva, R.O. - Agglutination reaction in carriers of diphtherial microbes; preliminary report. p. 31.
Mel'nikov, P.P. - Dynamics of prothrombinemia in diphtheria. p. 32.
Sviridenko, E.T. - Epidemiology of cutaneous diphtheria. p. 36.
Galant, I.B. - Peculiarities of the course of tick-borne encephalitis in children; according to materials of 1954. p. 39.
Vertsner, V.N., Nazarova, E.M. - Clinical aspects of encephalitis in chicken pox. p. 44.
IArovoi, L.V. - Diagnosis of rubella. p. 50.
Shi-fan' Chzhun, Chzhun-chan Chzhu. - Cooley's anemia in children from the Kwangtung province. p. 51.
Stepanova, K.V. - Chronic familial hemolytic anemia of Cooley's type. p. 56.
Borisova, T.P. - Conditioned reflex activity in rheumatism in children (in periods between attacks) as related to hydrogen sulfide bath therapy. p. 60.
Zil'bershtein, M.S., Levin, E.R., Vozlinskaia, V.M. - Course of rheumatism in children in sanatoria. p. 68.
Murashov, I.K. - Cysts of the common bile duct. p. 74.
Gurovich, S.I., Gasanova, V.P. - Multiple ossification of muscles, connective tissue and the areolar layer in a 13-year-old boy. p. 79.
Sandukovskii, I.E. - Gastric cancer in a 13-year-old girl. p. 81.
Bulanovskaia, M.D. - Repeat cases of scarlet fever. p. 83.
Ponomareva, A.IA. - Course of scarlet fever in infants according to data from a hospital for infectious pediatric diseases for 1951-1952. p. 83.
Koshechkina, T.I. - Dynamics of the excretion of tyrosine in scarlet fever. p. 84.
Oskolkova, M.K. - Changes in arterial blood pressure in children who have had scarlet fever. p. 84.
Chitneva, A.I. - Rating the effectiveness of the therapeutic use of synthomycin in typhoid fever in children. p. 84.

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: AKUSHERSTVO I GINEKOLOGIIA [ABSTRACTS OF SOVIET MEDICAL LITERATURE: OBSTETRICS AND WOMEN'S DISEASES]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature], Moscow, no. 9, 1956.
(DNLM)

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: DETSKIE BOLEZNI [ABSTRACTS OF SOVIET MEDICAL LITERATURE: CHILDREN'S DISEASES]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, no. 11, 1956.
(DNLM)

## c) NEUROLOGY & PSYCHIATRY

AKADEMIIA NAUK SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia patofiziologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Higher Nervous Function. Transactions. Pathophysiological Series.]. Moscow, vol. 2, 1956. Ob"ektivnoe issledovanie vysshei nervnoi deiatel'nosti, osobenno vzaimodeistvia pervoi i vtoroi signal'nykh sistem, pri fiziologicheskikh i patologicheskikh usloviiakh u detei. [Objective investigation of the higher nervous activity, especially the interaction of the first and second signal systems in children under physiological and pathological conditions].
Table of contents translated:
Ivanov-Smolenskii, A.G. - Courses of development of experimental studies on the work and interaction of the first and second signal systems. p. 3.
Bogachenko, L.S. - Phenomenon of chronogenous disinhibition of a conditioned reaction. p. 21.
Fufygina, T.P. - Changes in the verbal reaction to verbal stimuli under the effect of external inhibition in children. p. 34.
Maslennikova, V.M. - Effect of external inhibition on the combined activity of the first and second signal systems. p. 46.
Bogachenko, L.S. - Formation of an antagonistic conditioned motor reaction in a child without preliminary development. p. 57.
Soredina, M.I. - Age-dependent peculiarities of the generalization of verbal conditioned stimuli. p. 67.
Kurbatov, B.M. - Studying the dynamic transfer of a conditioned bond from one cortical signal system to the other. p. 76.
Soredina, M.I. - Elective irradiation of an extinguishing inhibition in various age phases. p. 88.
Fufygina, T.P. - Irradiation of a process of inhibition from the second signal system into the first. p. 99.
Naroditskaia, G.D. - Studying phenomena of so-called secondary excitation in the cerebral cortex in a child. p. 106.
Gerasimchuk, V.A. - Some new data on chain-type

conditioned bonds in the cerebral cortex in children, p. 114.
Naroditskaia, G. D. - Complex dynamic structure in children at various ages. p. 129.
Faddeeva, V. K. - Role of elective irradiation and induction in some complex forms of combined activity of the two signal systems. p. 136.
Briks, Z. N. - Experimental studies of the peculiarities of higher nervous activity of different types in school children. p. 149.
Briks, Z. N. - Peculiarities of the combined activity and interaction of the two signal systems of different types in school children. p. 175.
Nikiforova, E. M. - Effect of retarded inhibition of a conditioned motor reaction on the cardiovascular system. p. 201.
Bogachenko, L. S. - Studying the higher nervous activity of school children in connection with some tasks in the hygiene of the nervous system. p. 209.
Sinkevich, Z. L. - Developing conditioned inhibition and disinhibition in response to the same stimulus in neuroses in children. p. 229.
Strokina, T. V. - Peculiarities of the interaction between the first and second signal systems during the formation of a conditioned inhibition in neuroses in children. p. 236.
Bogachenko, L. S. - Experimental studies of disorders of higher nervous activity, particularly of the interrelations between the first and second signal systems in children during the acute stage of rheumatic fever. p. 263.
Ganiushina, E. Kh. - Peculiarities of higher nervous activity in children during different stages of scarlet fever. p. 282.
IAkunin, IU. A. - Disorders of higher nervous activity in children in tuberculous meningitis. p. 299.
Ivanov-Smolenskii, A. G. - Some new data in the study of neural mechanisms of the interaction of the cortical signal systems. p. 315.
Ivanov-Smolenskii, A. G. - Ways and prospects of the development of the physiology and pathophysiology of higher nervous activity in children. p. 335.

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 56, no. 10, Oct. 1956.

Table of contents translated:

Grashchenkov, N. I. - Role of clinical neurology in the sixth five-year plan. p. 765.
Livanov, M. N., Anan'ev, V. M., Bekhtereva, N. P. - Electroencephaloscopic studies on the bioelectric map of the cerebral cortex in cerebral tumors and injuries. p. 778.
Savich, I. M. - Diagnosis of spontaneous hypoglycemia. p. 791.
Zakharova, N. N. - Functional state of the islands of Langerhans in epilepsy. p. 803.
Gurkina, K. I., Konnikova, P. V. - Amino nitrogen of blood proteins in various forms of epilepsy and its diagnostic significance; preliminary communication. p. 807.
Volovik, V. M. - Sweating in symmetric areas of the body in epilepsy in children. p. 811.
Dotsenko, S. N. - Intentional spasm of Rüif. p. 816.
Iavchunovskaia, M. IA. - Problem of the pathogenesis of myasthenia. p. 821.
Drozdovskii, L. S. - Functional state of the neuromuscular apparatus in patients with sequelae of cerebrocranial trauma and its modification during fango-therapy associated with exercise therapy. p. 826.
Belov, V. P. - Results of clinical testing of hexamidine, a new antispasmodic. p. 828.
Fedotov, D. D. - Views of V. F. Sabler on progressive paralysis. p. 834.
Morozov, V. M. - New foreign psychosomatic journal.

...econd International Psychiatric

tions and subluxations of the crystalline lens into the vitreous humor body. p. 3.
Kotelianskii, E. O. - Diathermocoagulation in tumors of the limbus and the cornea. p. 7.
Melik-Mus'ian, B. N. - Use of the vitreous body in opacification of the cornea. p. 10.
Bulach, Kh. O. - Tenotomy by A. V. Chubukov's method in concomitant strabismus. p. 13.
Borishpolets, V. I. - Effectiveness of correcting ametropia in children. p. 15.
Bunin, A. IA., Romanovskii, M. M. - Modified tonometric dark-adaptation test in early diagnosis of glaucoma. p. 19.
Andrezen, E. E., Lebedinskaia, E. A., Rivkina, E. O. - Prevention of symblepharon after burns of the eyeball and eyelids. p. 22.
Naiman, I. M., Kleibs, B. D. - Experience in the prevention of eye injuries in the metalworking industry. p. 26.
Roshchin, V. P., Mitskevich, L. D. - A short report on the work of the ophthalmological clinic of the Kazakh Medical Institute in the field of keratoplasty from 1937-1955. p. 33.
Zozulia, L. N. - Pseudoalbuminuric retinitis in intracranial hypertension. p. 34.
Smelovskii, A. S. - Scotometric test with different contrasts in early diagnosis of glaucoma. p. 37.
Gasparian, E. I. - Mineral contents of the blood in tuberculosis of the eye treated by vitamin $D_2$ and streptomycin. p. 38.
Gundorova, R. A. - Injury of the eye caused by fuzz from a live caterpillar. p. 39.
Kaminskaia-Pavlova, Z. A. - Toxoplasmosis of the eye. p. 40.
In memory of Professor A. S. Savvaitov. p. 44.
Glezerov, S. IA. - A cataract in nitro paint intoxication. p. 46.
Bursuk, G. G. - Specificity of the increase in intraocular pressure. p. 49.
Bokhon, N. N. - Examination of the conditioned blinking reflex in glaucoma patients before and after surgery. p. 53.
Khizhniakova, I. N. - Development of a cataract in experimental diabetes. p. 58.
Alekseeva, V. G. - Effect of insulin on the permeability of the lens capsule. p. 61.
Golubitskaia, N. V. - Subluxation of the crystalline lens in chalcosis of the eye. p. 65.
Savinykh, G. S. - Effect of fenamin on the visual acuity of the normal eye. p. 68.
Daktaravichene, E. IU. - Keratoconjunctivitis sicca in hypofunction of lacrimal glands. p. 73.
Vodovozov, A. M., Lovlia, G. D., Blank, N. D. - Local application of sodium sulfathiazole in ophthalmologic practice. p. 75.
Aronov, D. M. - Arachnodactyly and ectopy of the crystalline lenses with retinal detachment. p. 77.
Shagov, M. A. - Professor Andrei Vasil'evich Khodin; 30th anniversary of Soviet periodical literature on ophthalmology. p. 79.
Kalinin, A. I. - Keratoplasty according to material from the Kopeysk City Hospital. p. 82.
Malkin, A. M. - Ophthalmoscopic examination of blood vessels of the macula lutea. p. 84.
Vedeneeva, V. I. - Essential atrophy of the iris and glaucoma. p. 86.
Vodovozov, A. M. - Concentration of penicillin in the conjunctival sac in various methods of its infusion. p. 88.
Krasnovidov, V. V., Dzhaliashvili, O. A. - Burns of the eyes by alkali glue. p. 89.
Alekseev, A. A. - Dissolving impregnating lime. p. 90.
Kasatskii, V. V. - Simple high-precision papillometer. p. 91.
Zaikova, M. V. - Bilateral fat embolism of the central artery of the retina in fractures of the long shaft bones. p. 91.
Zubareva, T. V. - Larvae of the fly Wohlfahrtia magnifica in the conjunctival sack of the eye and the lacrymal tract in man. p. 92.
Beliaev, B. A. - Defective eye sight caused by congenital anomaly in the development of the eye. p. 93.
Efremenko, A. A. - Russian (prerevolutionary) dissertations on trachoma. p. 94.

e) PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Published by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 18, no. 6, 1956.

Table of contents translated:

Davydovskii, I. V. - The 100th anniversary of Rudolf Virchow's cellular pathology. p. 3.
Simonov, P. V. - Significance of the functional state of the central nervous system in the resistance of animals to oxygen deficiency. p. 50.
Dragomiretskii, V. D. - Permeability of the nasal tissue and migration of leukocytes to the surface of the nasal mucosa following disorders of sensory innervation. p. 55.
Leont'eva, A. A., Shumilkina, E. I. - Protein metabolism in the skin and in the subcutaneous tissue in

elephanthiasis. p. 63.
Lev, I. D. - Pathomorphology of [illegible] nomic ganglia of the renal plexus in [illegible]. p. 68.
Kardzhiev, B., Slychev, B. - Urinary [illegible] cer. p. 69.
Rapoport IA. L., Zhukhovitskii, M. N. - [illegible] calcinosis of the soft tissue. p. 74.
Zhukova, E. K. - Congenital hypoplasia of the large intestine and of the appendix. p. 77.
Romanovich, N. F. - Two cases of [illegible]. p. 81.
Vinogradova, O. M., Polekaeva, M. A. - [illegible] cardiac tumors. p. 84.
Vasil'ev, P. V. - Effect of an increased [illegible] oxygen content of inspired air on [illegible] cerebral anemia. p. 87.
Mchedlishvili, G. I. - Redistribution of [illegible] in the vascular system. p. 90.
Reizin, M. S. - Prolongation of life in [illegible] hermetically sealed space. p. 89.
Kunabi'ian, S. S. - Tissue [illegible] wound healing; histobiochemical [illegible]. p. 91.
Strukov, A. I. - A. I. Polunin, editor of the [illegible] skii Vrachebnyi Zhurnal"; 135th [illegible] birth. p. 94.
Podol'skii, N. S., Poryvaev, N. F. - [illegible] vich Liublinov as scientific and public figure; [illegible] anniversary of his death. p. 99.
Logachev, E. D. - Simplified method for [illegible] paraffin embedding of histological [illegible]. p. 101.
Semenova, G. A. - Rapid embedding in [illegible] heating material in formaldehyde and [illegible]. p. 101.
Strukov, A. I. - On the book "Roentgenologic and anatomical principles for the examination of the lungs" [in German] by F. Kovats, V. [illegible]. p. 103.
Gul'kevich, IU. V. - "Textbook on special [illegible] anatomy" [in German] by E. Kaufmann, F. [illegible]
Zhebro, T. F. - "Patologia polska" [Polish Pathology]. p. 105.
Penikovskii, G. V. - Medical institutes and [illegible] of pathological anatomy and pathological [illegible] in new China. p. 107.
Raikhlin, N. T. - Problems in oncology at the [illegible] session of the Academy of Medical Sciences of the U.S.S.R. p. 114.
Mikhailov, V. V. - On the results of the [illegible] larged plenum of the administration [illegible] Union Society of Pathophysiologists. p. [illegible]
Vinogradova, T. P. - Conference of the Moscow Society of Pathoanatomists on [illegible]. p. 127.
Kesareva, V. P. - Plenary sessions of the Moscow Society of Pathoanatomists. p. 130.
Toropova, M. N. - Work of the Kharkov Province Society of Pathoanatomists in 1954. p. 134.
Anichkov, N. N., Zakhar'evskaia, M. A. - [illegible] Georgievich Garshin, 1887-1956. p. 135.
Brief news. p. 141.

Vol. 18, no. 6, 1956.

Table of contents translated

Neiman, I. M. - In memory of Aleksandr [illegible] vich Bogomolets, 1881-1946. p. 3.
Sirotinin, N. N. - Appearance and course of [illegible] according to comparative pathology. p. 10.
Orlovskaia, G. V. - Fibrinoid modification of the [illegible] nective tissue; review of the literature. p. 14.
Uzhanskii, IA. G. - Regulation of regeneration of the blood and ways in which it can be [illegible]. p. 20.
Khanin, M. N. - Etiology and pathogenesis of [illegible] hepatitis with ascites. p. 35.
Leites, S. M. - Role of ACTH and cortisone in the compensation of disorders of certain phases of metabolism. p. 45.
Fedorov, N. A., Gurvich, A. E. - Differentiation of antigens causing anaphylaxis from precipitins. p. 52.
Masinkov, D. A. - Mechanism of action of [illegible]. p. 55.
Negovskii, V. A., Sobolova, V. I. - Dynamics of [illegible] tion and restoration of vital functions of the organism following fatal exsanguination in hypothermia. p. 56.
Sherashov, S. G. - Certain characteristics of reflex regulation of blood circulation and respiration in surgical shock. p. 70.
Brusilovskaia, D. A. - Role of the kidneys in compensatory reactions of the organism following blood loss. p. 76.
Vodokhlebova, E. G. - Effect of blood transfusion on the higher nervous activity in posthemorrhagic hypochromic anemia. p. 82.
Markov, Kh. M. - Effect of functional disorders of the higher nervous activity on the course of [illegible] fusion shock in dogs. p. 85.
Rutberg, R. A., Garfunkel', M. L. - Electropic factors in shock following transfusion of heterogeneous blood. p. 94.
L'vova, V. V., and others. - Nitrogen balance and regeneration of serum proteins in dogs exposed to a prolonged low-protein diet with intravenous [illegible]

istration of heterologous proteins. p. 99.
Moerson, F.Z. - Problem of the restoration of renal function following prolonged hydronephrosis. p. 109.
Shabalin, A.I. - Effect of chemical stimulation of the skin on the phagocytic reaction of the organism. p. 112.
Bordiug, P.A. - Nerves in malignant tumors of various locations. p. 113.
Klyman, G.IA. - Morphological modifications in organs and tissues of animals treated with gramicidin C and water-soluble gramicidin. p. 115.
Ikhsanov, Z.A. - Experimental data on sleep therapy in dysenterial intoxication. p. 117.
Bogomolova, O.R., Savchenko, E.D. - Studies on tissue of reimplanted extremities. p. 119.
Arend, IU.E. - Effect of lesions of the cerebral hemispheres on the process of organization of necrotic tissues. p. 121.
Podar, U.IA. - Effect of certain soporifics and stimulants on the wound organization process (in the liver). p. 123.
Al'pern, D.E. - "Abstracts of Soviet medical literature." Vols. 23 and 24: Normal and pathological physiology, biochemistry, pharmacology, and toxicology." p. 125.
Strukov, A.I. - "Human Pathology" [in English] by H.T. Karsner. p. 125.
Gul'kovich, IU.V. - "Archives of pathology," 1955, vol. 60, no. 1. [in English]. p. 126.
Zhgenti, V.K. - Work of the Society of Patho-anatomists of the Georgian S.S.R. in 1954. p. 132.
Vinogradova, T.P. - Conferences of the Society of Patho-anatomists of Moscow and Moscow Province on the pathology of bones and joints in 1953. p. 135.
Shapiro, F.M. - Elena IAkovlevna Gertsenberg. p. 138.
Malinin, A.I., Undritsov, M.I. - Professor Andrei Dmitrievich Ado. p. 139.
Pal'chevskii, E.I. - In memory of Professor V.F.Novitskii. p. 140.
(DNLM)

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 6, Nov.-Dec. 1956.

Table of contents translated:
Kremer, IU.N., Valtnere, A.L. - Determining amino nitrogen in blood by the ninhydrin method. p. 3.
Gitel'zon, I.I., Terskov, I.A. - Method for expressing hemoglobin content in erythrocytes. p. 6.
Fridman, M.N. - Erythrocyte sedimentation reaction as a diagnostic and prognostic index. p. 10.
Dochkin, I.I. - Producing hemolysin. p. 12.
Kucherenko, V.D. - Relationship between serum titer and the method of injecting dysenteric antigens. p. 12.
Petrov, R.V. - Use of irradiated animals in laboratory practice. p. 14.
Glazman, M.N. - Method for determining antibiotic sensitivity of microflora isolated from the phlegm of the diseased. p. 17.
Vladavets, V.V. - Decontamination of air in booths by ultraviolet rays. p. 19.
Koshelov, N.F. - Stand for restraining large laboratory animals during long experiments. p. 21.
Gol'dshtein, M.A. - Stand for experimental animals. p. 23.
Golubev, T.I. - Simple vacuum apparatus for sterile drying of various laboratory preparations. p. 24.
Turba, L.N. - Tentative method for determining bilirubin in children. p. 26.
Gokhler, G.S. - The shape of eggs of the tapeworm Diphyllogothrium latum in a fresh preparation. p.26.
Tafias, L.M. - Simple device for protecting the eyes when using the microscope. p. 27.
Remarks on the "Instructions on laboratory diagnosis of typhoid fever and paratyphoids A and B " of the Ministry of Public Health of the U.S.S.R. p. 27.
From the pages of journals. p. 29.
Index to articles published in "Laboratornoe delo" in 1956. p. 30.

SOVETSKOE MEDITSINSKOE REFERATIVNOE OBOZRENIE: NORMAL'NAIA I PATOLOGICHESKAIA MORFOLOGIIA S EMBRIOLOGIEI [ABSTRACTS OF SOVIET MEDICAL LITERATURE: NORMAL AND PATHOLOBICAL MORPHOLOGY WITH EMBRYOLOGY]. Published by Gos. izd-vo meditsinskoi lit-ry [State Publishing House of Medical Literature]. Moscow, no. 9, 1956.

(DNLM)

VOPROSY KRAEVOI PATOLOGII [PROBLEMS OF ENDEMIC PATHOLOGY]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 4, 1954. Mikrobiologiia i epidemiologiia bakterial'nykh i virusnykh boleznei v Uzbekistane [Microbiology and epidemiology of bacterial and virus diseases in Uzbekistan].

Table of contents translated:
Foreword. p. 3.
Leitman, M.Z., Rogova, L.I. - Research on effective methods for treating children with a chronic form of dysentery and unstable stools. p. 7.
Kuz'minova, M.L., Kvasnikov, E.I., Semenova, L.V. - Effectiveness of bacterial vaccine in the treatment of children affected by chronic dysentery. p. 13.
Zhdanova, L.D. - Effect of some phytoncides and antibiotics on Flexner's dysentery bacillus. p. 18.
Alferova, V.B. - Immunogenity of subcutaneous dysentery vaccines. Report No. 1. p. 21.
Alferova, V.B. - Immunogenity of subcutaneous dysentery vaccines. Report No. 2. p. 28.
Kalinina, E.F. - Characteristic of paratyphoid bacilli from the Gärtner group isolated from cats in the city of Tashkent. p. 33.
Kalinina, E.F. - Salmonella enteritidis Jena in laboratory and domestic animals; abstract. p. 38.
Grishin, S.I. - Criticism of Craigie's method of phage typing of Bact. typhi abdominalis by Vi-bacteriophages. p. 39.
Grishin, S.I. - Effect of temperature on some types of dysentery bacteriophage. p. 46.
Gil'din, S.R., Pyzhova, M.I. - Studying the immunological reactivity of children toward a refined and precipitated scarlet fever toxin. p. 57.
Mirismailov, M. - Carrying of type A hemolytic Streptococcus among children in rural districts in Uzbekistan. p. 67.
Soshnikova, M.N. - Antigenic and immunogenic properties of the pappataci fever virus adopted for mice sucklings. p. 73.
Soshnikova, M.N. - Using the fixation reaction in studying pappataci fever. p. 79.
Shterngol'd, E.IA. - Role of the reticulo-endothelial system in the mechanism of immunity to typhus fever. p. 86.
Shterngol'd, E.IA. - Immunological reactivity of animals in experimental typhus fever in connection with the different functional states of their nervous system. p. 90.
Shleikher, E.I., and others. - Studying some species of wild and domestic rodents as sources of endemic rickettsioses. p. 100.
Sofiev, M.S. - Mites of the species Alectorobius tholozani papillipes as carriers of spirochetosis. p. 115.
Movzos, M.P., Storozheva, E.M. - Species of moth flies in individual districts in the city of Tashkent in connection with the focal nature of visceral leishmaniasis. p. 120.
Lisova, A.I. - Synanthropic flies in the city of Tashkent. p. 126.
Dubrovinskii, S.B. - Experimental toxic hepatitis with ascites caused by the heliotrope. p. 135.
Badanov, M.I. - Air disinfection in aerogenous infections. p. 153.

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KUL'TURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND THERAPEUTIC PHYSICAL CULTURE]. Moscow, vol. 21, no. 4, Oct.-Dec. 1956.

Table of contents translated:
Fourteenth All-Union Congress of Therapeuticts. p. 3.
Nesterov, A.I. - Health resort therapy for diseases of the cardiovascular system. p. 5.
Vinogradov, N.A. - Physical factors in treating hypertension. p. 20.
TSitlanadze, G.V. - Effectiveness of treating hypertension at the TSkhaltubo health resort. p. 31.
Gol'del'man, M.G., Khilevskii, K.V. - Materials on the clinical and physiological basis for using physical agents in the compound treatment of hypertension. p. 32.
Sergeev, G.V. - Electric sleep for treating hypertension. p. 39.
Gel'bart, R.L. - Four year practice of aerotherapy for cardiovascular diseases. p. 46.
Khitrik, I.I. - Neurovascular reaction to exercise therapy in hypertension. p. 52.
Akulova, R.F. - Clinical aspects of and balneotherapy in chronic obliterating diseases of the peripheral vessels. p. 57.
Kanareikin, K.F., Turgel', K.IU. - Some problems in the clinical aspects of andarteritis obliterans and its treatment at the Sochi-Matsesta health resort. p. 64.
Marshak, M.E., Maeva, T.A. - Effect of moderate lowering of partial oxygen pressure on human respiration during muscular work. p. 70.
Isaev, V.V. - Treating endarteritis obliterans by an ultrahigh-frequency electric field and radon baths in a polyclinic. p. 77.
Parfenov, A.P. - Skin anesthesia by administrating anesthetics by direct current. p. 83.
Antonov, G.S. - Dynamics of phagocytosis in staphylioderma during treatment by electrophoresis of staphylococcal antiphagin. p. 88.
Malysheva, G.E. - Rectal peat treatment in chronic prostatitis, spermatocystitis and functional disorders of the generative organs. p. 93.
Manikov, M.E. - Making records of physical therapy methods. p. 97.
Manikov, M.E., Novraev, G.A. - Indications and contraindications for health resort treatment in the Polish People's Republic. p. 99.
Dalin, V.V. - Review of "Electromedical (Physiotherapeutic) apparatus; working principles, operation and repair" by N.M. Liventsev. p. 101.
Broderzon, B.M. - Review of "Hydroaerolonization and its therapeutic use" by V.M. Falbushevich. p. 103.
List of recently published books. p. 107.
Guk, V.V. - Mud therapy for diseases of the joints in Odessa health resorts and in centers outside the resort, in combination with other methods: carbon dioxide baths, tissue therapy and intracutaneous novocaine injections. p. 109.
Fomin, V.S. - Methods of prolonged surface anesthesia and its use in diseases of the peripheral nervous system. p. 111.
Chilingarishvili, S.I. - Treating hypertension by thermal baths in Tbilisi. p. 113.
Third conference on problems of sanatorium and health resort therapy for diseases of the nervous system, held at the institute. p. 114.
Conferences of the Uzbek Semashko Scientific Research Institute of Health Resorts and Physiotherapy with the participation of members of the Society of Physiotherapeutists and Health Resort Therapeutists. p. 117.
Plenary session of the Scientific Methodological Committee on Physical Culture, devoted to body hardening and acclimatization, held on Dec. 8-10, 1955. p. 120.
Conference of Armenian Physiotherapeutists. p. 122.
Plenum of the Commission on Physical Culture Therapy, devoted to the use of physical culture therapy in diseases of the cardiovascular system. p. 123.
Index to articles published in the magazine "Voprosy kurortologii, fizioterapy i lechebnoi fizicheskoi kul'tury" in 1956. p. 126.
(DNLM)

VOPROSY PATOLOGII SERDECHNO-SOSUDISTOI SISTEMY; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [PROBLEMS OF PATHOLOGY OF THE CARDIOVASCULAR SYSTEM; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 5, no. 6(30), 1956.

## I) PHARMACY & MATERIA MEDICA

ANNOTATSII O NOVYKH LEKARSTVENNYKH SREDSTVAKH [NOTES ON NEW MEDICINAL AGENTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 6, 1956.

(DNLM)

ANTIBIOTIKI; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [ANTIBIOTICS; Translations, Surveys, and Abstracts of Foreign Periodical Literature]. Published by Izd-vo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 9, no. 6(56), 1956.

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U.S.S.R.]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 2, Apr.-June 1955.

Table of contents translated:
Anan'ev, M.G. - New equipment should be available for surgery. p. 3.
Liventsev, N.M. - Application of impulse currents in physiotherapy. p. 6.
Kabatov, IU.F. - Basic problems in finishing surfaces of medical instruments. p. 9.
Il'in, V.A. - Galvanic coating of aluminum and aluminum alloys. p. 12.
Shturman, A.A. - Simplification of the design of forms for plastics. p. 15.
Degtiarev, V.F. - Use of the conductometric method in controlling production of intermediate products and the analysis of chemicopharmaceutic preparations. p. 16.
Khmelevskii, V.I. - Synthesis of sulfazine from propargyl alcohol. p. 21.
Pushkareva, Z.V., and others. - Investigations of chemical processes in the synthesis of papaverine; synthesis and properties of certain acyl derivatives of dl-amino- β-(3,4-dimethoxy)-cinnamic acid. p. 25.
Bregman, G.S., Mal'kov, A.I. - Recovery of the threo isomer from vat residues during production of synthomycetin. p. 29.
Khaskin, I.G., and others. - Preparation of 2-amino-1-p-nitrophenylethanol. p. 30.
Terpilo, N.I. - Problem of improving the processes for extracting medicinal vegetable raw material. p. 32.
Shostenko, IU.V. - Investigation on the desorption of

substances in Soxlet's apparatus following molecular sorption. p. 35.
IAsnitskii, V.G., Dol'berg, E.B. - Chemical resistance of certain materials in a medium containing chloroacetaldehyde, thrichloroethane, hydrochloric acid, and chloroacetic acid. p.39.
Belikov, V.V., Delektorskii, N.V. - Increase in labor productivity at the "Acrichine" plant. p.43.
Sharapov, I.M. - Butadione. p.46.
(DNLM)

No. 3, July-Sep. 1955.
Table of contents translated:
For new progress in the medical industry. p.3.
Valashek, E.R., Kuragin, V.V. - Planning and assembly of appliances for measurement and control and the automatization of the medical industry. p.7.
Zak, I.Z., Vol'pert, I.R. - Automatic regulation of neutralization by using an electron potentiometer. p.13.
Neugodov, P.P., Delektorskii, N.V. - Mechanization of functions requiring a heavy output of labor in the "Akrikhin" plant. p.16.
D'iachenko, A.A., Kolodko, I.P. - Combination counting-packing appliance for sugar-coated tablets. p.20.
Grygorovskii, A.M., Gangrskii, P.A. - Production of sulfanilamide from p-chlorobenzenesulfonic acid. p.23.
Barashkov, S.G., Artiukhova, T.G. - Utilization of industrial waste in producing acylanilide sulfochlorides. p.26.
Butlerovskii, M.A. - Improved production of medical resorcinol. p.28.
Shevelev, V.A., Ban'kovskii, A.I. - Extractor with inclined countercurrent evaporator. p.29.
Liventsev, N.M., Abrikosov, I.A., Spichenkov, M.N. - Construction of an apparatus for local d'arsonvalization with an electron-tube circuit. p.31.
Sitnikova, T.A., Keilin, G.S. - Properties of Khl3N4G9 stainless steel in drawing. p.35.
IAnovskii, M.A., Keilin, G.S., Lozovskii, V.L. - Anticorrosive flux for soldering with soft solders. p.38.
Shturman, A.A. - Universal form for pressing plastics. p.39.
Elesin, F.V., Levin, A.Z. - Glass cutting without diamonds. p.41.
Danchakov, V.M. - ZP-2 finger plethysmograph. p.43.
(DNLM)

No. 4, Oct.-Dec. 1955.
Table of contents translated:
Gusenkov, P.V. - Our task in the struggle for a greater technical progress. p.3.
Sakharov, V.A. - Introduction of organizational and technical measures is a guarantee of the technical growth of a plant. p.8.
Khozak, S.I., Shatskova, P.V. - Inventors and rationalizers at the Karpov Plant in their struggle for technical progress. p.10.
Gutovskaia, M.S. - Rationalizers of the "Krasnogvardeets" Plant. p.12.
Kagan, M.I., Eremin, A.I. - Drying aspirin on drum-dryers. p.13.
Boiko, I.D. - Drying of drugs by atomization in a stream of hot air. p.16.
Butlerovskii, M.A., Chernysheva, E.I., Kirieenko, S.S. - Improvement in adaline production. p.19.
IAkobson, L.M., Svirskaia, S.I., Pchelina, O.I. - Determining the pyrogenicity of streptomycin. p.20.
Graevskii, IA.S. - Improvement in packaging medical preparations. p.23.

Veselkin, N.V., Gordon, B.G. - Intoxication of the central nervous system during hepatic functional disorders. p.350.
Gorodyskii, V.I., Veselaia, I.V. - Sulfur in muscle and tumor tissues. p.357.
Beliaev, P.M. - Liver nucleic acid content in case of thermal burns of the skin. p.359.
TSeitlin, L.A. - Carbohydrate-phosphorus metabolism in the heart and liver of rabbits during drug-induced sleep. p.363.
Mishukova, E.A., Lebedeva, L.N. - Composition and biochemical properties of the myocardium in experimental diphtherial intoxication. p.369.
Larionova, T.I. - Carbohydrate-phosphorus metabolism and oxidation in the liver and in skeletal muscles under normal conditions and in experimental thyrotoxicosis. p.378.
Romanov, G.V., Garkavi, P.G. - Quantitative determination of free amino acid nitrogen by the ninhydrin method of isothermic separation of $CO_2$. p.390.
Sergei Rufovich Mardashev; on his 50th birthday and 26th anniversary of his scientific and pedagogical work. p.393.
Organization of a committee on enzymes in the International Biochemical Association. p.395.

## g) PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Published by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U.S.S.R. and Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 21, no. 10, Oct. 1956.
Table of contents translated:
Futorian, E.S. - Gastric diseases preceding cancer. p.3.
Kaliuzhnaia, R.A. - Heart diseases in children and their prevention. p.6.
Kiriushchenkov, A.P. - Management of pregnancy and labor in heart diseases. p.14.
Turetskii, M.IA. - Preventing nervousness in children. p.21.
Riabov, G.Z. - Nikolai Ivanovich Pirogov; on the 75th anniversary of his death. p.27.
Kungurov, I. - Popularize medical knowledge in villages. p.33.
Furzikov, I.S. - How I conduct my home calls. p.34.
Shibaev, N.A. - How rural communities help feldsher-midwife stations in their work. p.36.
Novikov, I.M. - Model maternity hospital. p.38.
Gol'dzand, L.L. - Cases of abscesses following administration of antibiotics. p.41.
Chibiskov, N.D. - Cotton-plaster bandage without lining. p.43.
Shumskii, K.D. - Protective cellophane patches. p.44.
Libakh, M.P. - Teaching anatomy to groups of ten-year school graduates. p.45.
Contraceptives as a method for controlling abortion. p.50.
Oranskii, V.A. - Method of applying Kefer's bandage to a trophic ulcer. p.57.

Vol. 21, no.11, Nov. 1956.
Table of contents translated:
Voroshilova, M.K., Dzagurov, S.G. - Epidemiology of poliomyelitis. p.3.
Levin, M.I. - Acute emphysema. p.6.
Tkachev, S.E. - On the problem of complications in penicillin therapy. p.12.
Bychkov, I.G. - Treating ingrowing nails. p.16.
Markov, A.IA. - Vitamin C and its role in clinical and preventive medicine. p.18.
Zhmudskaia, R.M. - M.I.Kalinin's statements on public health problems. p.22.
Morozov, P.E. - The role of feldshers in sanatoria and health resorts. p.27.
Bogoiavlenskii, N.A. - Notes on the hygiene and living conditions among the first settlers of the Russian North. p.29.
Petrunin, V.D. - How we conduct home visits to pregnant women and newborn infants in villages. p.34.
Gershkovich, V.I. - Fine work practice in the prevention of agricultural accidents. p.37.
Zheldak, B.G. - Treating food poisonings and first-aid measures. p.39.
Sultan, N.N. - Method for the drip transfusion of drugs. p.41.
Afanas'ev, P.I. - On the problem of treating callosities. p.42.
Andriushkevich. - Treating callosities. p.43.
Polilov, M.I. - Treating callosities with a salicylic acid-mercuric sulfate paste. p.43.
Berdieav, A.F. - My method of removing callosities. p.44.
Pavlov, K.I. - Removing callosities and warts with a single operation. p.44.
Rusokol, L.A. - Health education work in schools of Kuntsevo District, Moscow Province. p.45.
Shangin, N.I. - How to set up a plan for health education work in a feldsher-midwife station. p.47.
Dizik, I.L. - Work of a therapeutics study group at the Pervomaysk Medical School. p.53.
Stel'makh, I.T. - A handbook which requires revision. p.58.
Baiko, G.F. - Review of the book "Aid for conducting practical studies in normal anatomy in medical schools" by N.N.Lavrov. p.59.
Ostrovskii, A.D. - Review of the book "Rural health education" by K.V.Lapin. p.61.

LENINGRAD. SANITARNO-GIGIENICHESKII MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE OF SANITATION AND HYGIENE. Transactions]. No. 24, 1956.
Title translated:
Koshina, Z.P., Lebedeva, E.A. - Menus and calculation tables for the chemical content of food rations for children's homes. 79 p.
Title transliterated: Koshina, Z.P., Lebedeva, E.A. - Meniu-raskladki i raschetnye tablitsy khimicheskogo sostava pishchevykh rastsionov dlia detskikh domov. 79 p.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 15, no. 10, Oct. 1956.
Table of contents translated:
Sokolov, M.I. - Treatment and prevention of influenza. p.3.
Rozenfel'd, P.E. - Typhus fever. p.10.
Shishliannikova, M.A. - Role of the nurse in the control of whooping cough. p.14.
Kurembina, A.I. - Duodenal exploration. p.19.
Sachkova, A.A. - Rule for collecting specimens of gastric contents. p.21.
Lebedeva, N.M. - Role of urinalysis in clinical medicine. p.23.
Egoshin, G.E. - Marita Aran'evna Reinert. p.27.
Moscow conference of the readers of "Meditsinskaia sestra." p.30.
Conferences of nonprofessional medical workers in Kolomna in 1955. p.31.

Vol. 15, no. 11, Nov. 1956.
Table of contents translated:
IAnkelevich, E.A., Flerovskii, E.A. - Exercise therapy in pulmonary emphysema. p.3.
Li Hsiu-fang, Chang K'ai-hsiu. - Three-stage system in the care of patients. p.6.
Gershkovich, V.I. - Role of the nurse in caring for patients with tuberculosis of the bones and joints. p.10.
Gorinshtein, M.L. - Problems in advanced training for nurses. p.12.
Bilyk, A.A. - Role and duties of a health center nurse in an industrial enterprise. p.15.
Mitropol'skii, N.K. - Organization and methods of instruction and laboratory work in surgery in a medical school. p.18.
Baiaova, V.V. - Work practice of the Council of Nurses. p.22.
Arutiunian, V.B. - Leila Taglevna Alieva. p.23.
Vorogushina, L.I. - IUlija Matveevna Slishkina. p.23.
Grinberg, Z.A. - Marita Aleksandrovna Shcherbova. p.24.
Zisman, IA.L. - Evdokiia Grigor'evna Serebrennikova. p.25.
Korobitsina, N.I. - Aleksandra Grigor'evna Anastas'eva. p.26.
Molent'ev, V.N. - Sof'ia IAkovlevna Il'enkova. p.26.
Pisarnitskaia, A.M. - Vera Aleksandrovna Barabina. p.26.
Teslenko-Prikhod'ko, A.A. - Ekaterina Fedorovna Levina. p.26.
Khodkov, V.N. - Review of the book "What a ward nurse in the surgical ward needs to know" by S.A. Rusanov. p.31.

## h) SURGERY & DENTISTRY

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 32, no. 8, Aug. 1956.
Table of contents translated:
Bogush, L.K., Gorsimenko, N.I., Savon, A.A. - Bronchial ligation in treatment of pulmonary tuberculosis. p.3.
Shmelev, I.V., Gilevich, IU.S. - Volume changes in circulating blood in transpleural surgery. p.7.
IAmpol'skaia, V.D. - Extrapleural pneumolysis in ineffective artificial pneumothorax. p.13.
Alieva, T.A. - Surgical tactics in the treatment of suppurative diseases of the lungs. p.18.
Osipov, B.K. - Hamartoma of the lung. p.21.
Rozenshtraukh, L.S., Golubeva, K.A. - Hamartomata and chondromata of the lungs. p.24.
Luk'ianchenko, B.IA. - Pathognomic symptoms of dermoid cysts and teratomata of the mediastinum. p.29.
Lushnikov, E.S. - Indications and contraindications for surgical treatment in lung cancer. p.32.
Genin, N.M. - Blood gases and respiration in mitral

insufficiency. p. 35.
Kolesnikova, R. S., Rodygina, G. V., Edel'shtein, S. I. - Use of penicillin aerosols in chronic suppurative processes of the lung. p. 39.
Ol'shanetskii, A. A. - Some problems in surgery of the esophagus. p. 42.
Lopukhin, IU. M. - Topographical anatomy of the heart and pericardium in some heart diseases. p. 45.
Gavrilov, L. F. - Topographical anatomy of the pericardial nerves in man. p. 50.
Kondrat'ev, G. I. - Topographical anatomy as a basis for the surgical approach to elements of the cardiac complex. p. 53.
Vladimirtsev, S. I. - Asymmetry of the human sympathetic nerve trunks; preliminary report. p. 59.
Glinskaia, E. P. - Strengthening a cardiac suture with an intercostal muscle graft. p. 61.
Serova, E. V. - Morphology of an arterio-venous fistula of the lung. p. 65.
Luzhnov, K. V. - Primary sarcoma of the lungs. p. 66.
Zakharov, N. A. - Drainage of the pleural cavity. p. 69.
Gordyshevskii, T. I. - Bronchial adenoma. p. 69.
Topchibashev, I. M., Aliev, A. G. - Method of treating parapleuritis. p. 73.
Kolosovskaia, V. F., Mikhailov, IU. M. - A case of injury of the thoracic duct in a stab wound of the thorax. p. 75.
Golomidov, A. IA. - Air embolism of the brain vessels. p. 77.
Poleshchuk, I. S. - Surgical removal of a tumor of the posterior mediastinum. p. 77.
Dribinskii, M. B. - Cyst on the right posterior-lateral wall of the pericardium. p. 78.
Bezhaev, G. A. - Case of sudden death from a multiple embolism of the right lung and kidneys in wounds of the aorta and left lung. p. 79.
Karagiulian, R. G. - Modern surgical methods for treating chronic coronary insufficiency; a review of foreign and soviet literature. p. 80.
Petrovskii, B. V. - "Surgery of the heart" [in English] by C. P. Bailey. p. 87.

ORTOPEDIIA, TRAVMATOLOGIIA I PROTEZIROVANIE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 5, Sep.-Oct. 1955.

Table of contents translated:

Priorov, N.N. - Ten years of therapeutic and prophylactic work with invalids of the Second World War. p. 3.
IAzykov, D.K. - An important step in the development of Russian orthopedics, traumatology and rehabilitation surgery. p. 9.
Novachenko, N.P. - Formation of bone regenerator as substitution of the proximal end of the femur after gunshot injury. p. 15.
Chaklin, V.D. - Surgery for chronic osteomyelitis of tubular bones. p. 21.
Grinberg, A.G. - Experience with therapy of chronic osteomyelitis caused by gunshot wounds in veterans of the Second World War. p. 26.
Kheifets, L.Z. - Results of treating chronic osteomyelitis due to gunshot wounds in invalids of the Second World War. p. 29.
Blokhin, V.N. - Pathogenesis and therapy of contractures of the hand and fingers. p. 34.
Kessel', A.U.L. - Surgical treatment of permanent paralysis of the upper extremities. p. 39.
Antonova, E.G. - Prevention of staphylococcal infection in open experimental bone injuries by preliminary application of penicillin. p. 43.
Eselevich, A.IA. - Characteristics of hyaluronidase-active staphylococci isolated from chronic wound processes in veterans of World War II. p. 48.
Belen'kaia, G.M. - Virulence of wound microflora of extremities in acute trauma and its sequelae. p. 52.
Nikolai Nikolaevich Priorov; on his 70th birthday and 45th year of activity. p. 57.
TSereteli, B.Sh. - Achievements of the Scientific Research Institute of Orthopedics and Reconstructive Surgery of Georgian S.S.R. among invalids of the Second World War. p. 60.
Aliev, A.M. - Some achievements of the Research Institute of Orthopedics and Reconstructive Surgery at Baku during the period 1946-1954. p. 63.
Tarnopol'skii, IA.L., IAkupova, N.S. - Results of rehabilitation therapy for veterans of World War II in Tatar ASSR; 1945-1954. p. 66.
Rodin, IA.N., Krylov, A.A. - Achievements of the Saratov Scientific Research Institute of Reconstructive Surgery and Orthopedics during the period 1946-1955. p. 69.
Skoblin, A.P. - The Ukrainian M.I.Sitenko Scientific Research Institute of Orthopedics and Traumatology and its cooperation with public health agencies in treating invalids of the Second World War. p. 72.
Mel'nikov, N.S. - Replacement of osteomyelitic cavities of the leg by muscle flaps. p. 75.
Dudin, V.A. - Changes in a muscle flap following transplantation in chronic osteomyelitis due to a gunshot wound. p. 76.
Orel, Z.F. - Experience in treating osteomyelitis due to gunshot wounds. p. 78.
Petrosian, IU.S. - A case of repeated fracture of the femur after osteosynthesis, with fracture of the metal nail. p. 79.
Zubakina, A.I. - All-Union conference on medical and sanitary services to loggers and the prevention of injuries among them. p. 80.
Savchenko, E.A. - Joint session of the Society of Traumatologists and Orthopedists of Moscow and Moscow Province, the Scientific Council of the Central Institute of Traumatology and Orthopedics, and the Interdistrict Conference of Surgeons of the Moscow Basin Coal Industry. p. 81.
Minutes of the joint session of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province and the conference of the Moscow Municipal Orthopedic Hospital for Veterans of the Second World War. p. 83.
Minutes of sessions of the Leningrad Society of Traumatologists and Orthopedists. p. 85.
Minutes of sessions of the Kharkov Society of Traumatologists and Orthopedists. p. 92.
A.A.Uspenskii; obituary. p. 95.
(DNLM)

No. 6, Nov.-Dec. 1955.

Table of contents translated:

Korner, P.G. - Principles of surgical treatment of osteoarticular tuberculosis. p. 3.
Smirenskaia, E.M., Kiseleva, K.S., Zolotokrylina, E.S. - Significance of forced arterial blood transfusion in compound therapy for severe forms of shock. p. 10.
Ostroverkhov, G.E. - Treatment of peripheral nerve injuries. p. 16.
IAkobson, M.N. - Osteosynthesis of the spine in tuberculous spondylitis. p. 18.
Dom'lanov, V.M. - Results of supracondylar osteotomy of the hip in paralytic flexor contractures of the knee joint. p. 26.
Sedin, N.S. - Early diagnosis of ankylosing spondyloarthritis. p. 30.
Komarcheva, A.G. - Paget's disease. p. 36.
Cherkasova, T.I. - Functional condition of dorsal muscles in patient following compression fractures of the spine. p. 39.
Mikhailova, N.M. - Compound treatment of cicatricial trophic ulcers of the lower extremities in the light of late results. p. 46.
Deputovich, A.IU. - Experience in the use of tomography in traumatology. p. 52.
Shmutter, A.V. - Bursitis in miners. p. 55.
Sivash, K.M. - Electric chain saw for sawing of bones. p. 60.
Volkov, K.D. - Orthopedic apparatus for the application of plaster of paris bandages to the lower extremities. p. 61.
Andrushko, N.S. - Apparatus for the treatment of flexor contracture of the knee joint in children. p. 62.
TSitkin, I.S. - Reimplantation of a lower extremity on a vascular-neural pedicle using Klimov's T-shaped nail. p. 64.
Vlasenko, V.G. - Horizontal dislocation of the patella. p. 65.
Antoshchenko, I.IA. - Case of an unusual injury. p. 65.
Zubtsova, M.M. - Surgical treatment of fractures of the long bones by metal pins and Klimov's T-shaped nail. p. 66.
Shtutin, A.IA. - Intra-ossal anesthesia in surgery on the extremities. p. 67.
Koretskii, M.F. - Primary surgical treatment of wounds with plastical surgery of skin defects by means of an attached skin flap. p. 68.
Molodaia, E.K., Eidinova, M.B. - Paresthetic meralgia caused by poorly fitting prosthesis. p. 69.
Limberg, A.A. - "Free grafting of thick skin flaps in reconstructive surgery" by A.S.Silaeva. p. 70.
Khromov, B.M. - "Amputation of limbs in children" by M.V.Volkov. p. 71.
Abstracts of foreign literature. p. 74.
Minutes of the no. 197 joint session of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province and the Moscow Society of Radiologists. p. 78.
Minutes of session no. 376 of the Leningrad Society of Traumatologists and Orthopedists. p. 79.
Minutes of session no. 266 of the Kharkov Society of Traumatologists and Orthopedists. p. 81.
Trubnikov, V.F. - Author abstracts of dissertations in orthopedia, traumatology, tuberculosis of the bones and joints and prosthetics, defended in 1954. p. 84.
Index of articles published in "Orthopedila, travmatologiia i protezirovanie" in 1955. p. 87.
List of lectures and demonstrations in societies of traumatologists and orthopedists. p. 92.
Author index. p. 94.
(DNLM)

Vol. 17, no. 1, Jan.-Feb. 1956.

Table of contents translated:

Limberg, A.A. - Plastic surgery of cicatricial skin contractures of the fingers. p. 3.
Rozov, V.I. - Stenosing ligamentitis of the hand and fingers. p. 9.
Peisakhovich, G.I. - Myoplasty in paralysis of the biceps brachii. p. 13.
Aminev, A.M. - New method in the surgical treatment of nonunited fractures of the femur neck. p. 18.
Volkov, S.I. - X-ray diagnosis of osteopecilia. p. 22.
Levantovskii, M.I., Kolesnikov, N.N. - Experimental justification for myoplasty in surgery for hematogenic osteomyelitis. p. 24.
Nedrigailova, O.V. - Changes in tissue structure of the support-and-locomotor apparatus during immobilization and the effect of functions on restorative processes. p. 27.
Zernov, A.I. - Changes in the joints of rabbits following intra-articular administration of penicillin. p. 33.
Dobrova, O.S. - Artificial arms and hands. p. 35.
Estrin, G.B. - Technic in setting backward dislocations of the elbow. p. 39.
Varsava, B.A. - Double-gouge growing method in extra-articular arthrodesis of the hip joint. p. 40.
Korzh, A.A., Altukhov, A.F. - Clamp for treating central dislocations of the femur. p. 42.
Prusakov, I.F. - New apparatus for measuring the degree of flat-footedness. p. 43.
Kiselev, V.A. - Orthopedic footwear in drop foot. p. 44.
Vorontsov, F.S., Pevzner, M.S. - Improved shoulder prosthesis. p. 45.
Ivanenkova, E.D. - Workable prosthesis of the shoulder after bilateral amputations. p. 47.
Sokol, G.M. - Dynamics of clinical X ray and laboratory data on vertebra plana of the lumbar region (Calve's disease). p. 48.
Pogorel'skii, M.A. - Setting pathologic dislocations and subluxations in tuberculous coxitis. p. 50.
Aladzhal'ian, N.S. - Treating tuberculous gonitis. p. 52.
Bachinskii, IU.S. - A rare case of chondromatosis of the knee joint. p. 52.
Volchkov, A.V. - Melorheostosis (Leri's disease). p. 54.
Topalov, P.D. - Surgical treatment of Dupuytren's contractures by a simplified combined method; preliminary report. p. 56.
Vlasenko, S.E. - Case of resection of a giant dermoid cyst of the sacrum and coccyx. p. 58.
Selivanov, V.P. - Successful treatment of an extensive thermal burn. p. 59.
Rutenburg, M.D. - Choice of the level of amputation in endarteritis obliterans and arteriosclerosis. p. 61.
Tikhonov, V.M. - Autoplastic lengthening of the forearm stump by means of joining it with the other stump. p. 62.
Lunichenko, M.V. - Avulsion of the upper arm and shoulder blade. p. 65.
Vetrov, A.A. - Reducing the weight of wooden prosthesis. p. 65.
IAzykov, D.K. - "Orthopedia and traumatology" by B.Boichev, B.Konforti, K.Chokanov. p. 66.
Abstracts of foreign literature. p. 69.
Enlarged plenum of learned councils of the Institutes of Traumatology, Orthopedia and Restorative Surgery combined with the All-Union Society of Traumatologists and Orthopedists. p. 72.
Fifth session of the Central Research Institute of Prosthetics. p. 79.
Minutes of sessions nos. 198-199 of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province. p. 82.
Minutes of sessions nos. 377-379 of the Leningrad Society of Traumatologists and Orthopedists. p. 85.
Minutes of sessions nos. 267-269 of the Kharkov Society of Traumatologists and Orthopedists. p. 93.
Brief news. p. 95.
(DNLM)

Vol. 17, no. 2, Mar.-Apr. 1956.

Table of contents translated:

Bogdanov, F.R., Timofeeva, N.A. - Open setting of congenital dislocations of the hip. p. 3.
Frumina, A.E. - Irreducible congenital hip dislocations. p. 8.
Shimanovskaia, K.B. - Effect of function of the hip joint on the formation of the acetabulum. p. 15.
Daurova, T.T. - Local anesthesia of the hip joint region by A.V.Vishnevskii's method. p. 17.
Fefer, L.IU. - Surgical treatment of chronic nonspecific synovitis of the knee. p. 20.
Trubnikov, V.F. - Subcutaneous injuries of the biceps brachii and surgical therapy. p. 23.
Besiadovskaia, G.L. - Pediatric prostheses following bilateral hip amputation. p. 28.
Skoblin, A.P., Chetaeva, V.G., Sova, P.P. - Early diagnosis and therapy of congenital deformations and prevention of birth trauma. p. 31.
Vorokhobov, L.A. - Organization of ambulatory pediatric traumatological service. p. 36.
Aliev, A.M. - Industrial trauma in the petroleum industry of Azerbaijan and measures for prevention and reduction. p. 38.
Alekseenko, I.P. - M.I. Sitenko, an outstanding worker in the Soviet public health service; on his 70th

birthday. p. 40.
Krumin', K.A. - Simplified plaster cast for congenital hip dislocation in infants. p. 45.
Rukhman, L.E., Kostyleva, L.A., Vorontsov, F.S. - Forearm prosthesis for children. p. 46.
Guliaeva, N.M. - Clinical aspects and therapy of congenital hip dislocations in infants. p. 49.
Khotimskaia, V.M. - Two cases of congenital dislocation of the tibia and fibula. p. 50.
Sidorenko, A.S. - Treatment of arthrogryposis. p. 51.
Vilenskii, V.IA. - Compound prosthesis in a case of bilateral brachial amputation in a child. p. 53.
Lerman, V.L - Spinal deformation in tumors of the spinal cord and in extradural cysts in adolescence. p. 54.
Poppe, I. - Exostosis cartilaginea in children. p. 56.
Abstracts of articles sent to the editors. p. 58.
Abstracts of foreign literature. p. 62.
Vinokurov, K.A. - Pathogenesis and prevention of severe paralysis in epidemic poliomyelitis. p. 64.
Fridland, M.O. - Soviet medical abstracts: Surgery, no. 22, 1955. p. 70.
Semen Semenovich Girgolav; on his 75th birthday and the 50th anniversary of his scientific activities. p. 72.
Timofei Sergeevich Zatsepin; on his 70th birthday and the 45th anniversary of his scientific activities. p. 74.
Sokol, G.M. - Report on the activities of the Ukrainian Republic Medical Society of Traumatologists and Orthopedists. p. 76.
Minutes of sessions nos. 200-202 of the Medical Society of Moscow Province. p. 77.
Minutes of sessions nos. 380-383 of the Leningrad Society of Traumatologists and Orthopedists. p. 82.
Minutes of sessions nos. 269 and 270 of the Kharkov Society of Traumatologists and Orthopedists. p. 92.
Brief news. p. 96.
(DNLM)

Vol. 17, no. 3, May-June 1956.

Table of contents translated:

Kornev, P.G. - Present state of medical aid in osteoarticular tuberculosis in R.S.F.S.R. p. 3.
Khokhlov, D.K - Morphological changes in joint tissues during the prearthritic phase and their significance in the development of tuberculous arthritis. p. 7.
Ignatov, D.V. - Systemic innervation of bone tissue and of the bone marrow in man. p. 11.
Novachenko, N.P. - New method of surgical treatment for hip dislocations of tuberculous origin. p. 18.
IAnov, N.M. - Surgical treatment of osteoarticular tuberculosis associated with phthivazid and streptomycin therapy. p. 22.
Gavrilenko, B.S. - Comparative evaluation of various types of surgical interventions in tuberculous affections of the hip joint and of their sequelae. p. 27.
Petrovskaia, M.E. - Results of extra-articular arthrodesis in tuberculous coxitis. p. 32.
Gnilorybov, I.V., and others. - Expert medical determination of working capacity in osteoarticular tuberculosis. p. 36.
Morkovina, O.N. - Significance of the duration of antibacterial therapy associated with other methods in osteoarticular tuberculosis. p. 41.
Limberg, A.A. - Local plastic surgery for cicatricial contractures of the fingers. p. 46.
Cherfas, M.D., Kalinina, A.E. - Characteristics of occupational trauma in truck drivers and operators of road and earth-moving machines at the construction site of the Stalingrad Hydroelectric [illegible]

Vol. 17, no. 4, July-Aug. 1956.

Table of contents translated:

Novachenko, N.P. - Surgical treatment of the so-called local fibrous dystrophy. p. 3.
Volkov, M.V. - Fibrous dysplasia of bones in children. p. 9.
Kuz'mina, L.P. - Transformation of osteoblastoclastoma (a giant cell tumor) into a sarcoma. p. 14.
TSypkin, B.N., Zaporozhets, A.A. - Ewing's sarcoma. p. 16.
Gruisa, A. - Modern technic and results of the joint resection and dynamic osteotomy in tuberculous coxitis. p. 18.
Kovalenko, D.G. - Surgical treatment of fistular form of tuberculosis of the lumbosacral region of the spine. p. 23.
Gelikonova, V.S. - Deformation of an ankylosed knee joint after economic resection in tuberculous gonitis in children. p. 29.
Prikhod'ko, A.K. - Surgical treatment of tuberculosis of the ankle joint. p. 33.
Sovetova, A.P. - Osteoplastic fixation of the spine in tuberculous spontylitis. p. 37.
Pinkhasik, M.I. - Posterior tuberculous spondylitis. p. 42.
Mazurik, M.F. - Accidents in agricultural production. p. 46.
Dem'ianov, V.M. - Determination of the abduction angle of the leg in subtrochanteric osteotomy of the femur. p. 49.
Dega, V. - Corrective intertrochanteric osteotomy in ankylosis of the hip joint with a large contracture. p. 51.
Trubnikov, V.F., Skoblin, A.P. - Transformation of local fibrous osteodystrophy into a sarcoma. p. 53.
Zisman, I.F. - Case of a giant cell tumor of the tendon sheaths of the hand. p. 55.
Vasil'ev, A.N. - Osteosarcoma of the epiphysis of the tibia. p. 56.
Talantov, V.A. - Cases of aortic perforation in tuberculous spondylitis. p. 57.
Filimonov, N.I. - Development of an osteoma of a transverse process of a vertebra in tuberculous spondylitis. p. 58.
Brusilovskii, IA.M. - Spontaneous fractures of the bones of the lower extremities in tuberculous spondylitis. p. 60.
Sinilo, M.I. - Case of surgical treatment of tuberculosis of the pubic bone. p. 61.
Svirezhev, M.V. - Osteosynthesis by a transplant taken from another patient. p. 62.
Gliner, T.I. - Treating patients with "styloiditis" in a polyclinic. p. 63.
Abstracts of foreign literature. p. 64.
Skoblin, A.P. - "Aseptic necrosis of the head of the femur (osteochondropathia)" by V.P. Gratsianskii. p. 66.
Gabovich, R.D. - "Agricultural accidents and their prevention" by A.Z. Mamsikov. p. 68.
Professor S.A. Novotel'nov. p. 70.
Professor A.G. Eletskii. p. 71.
Kostrikov, V.S., Korzh, A.A. - Sixteenth conference of the Ukrainian Sitenko Scientific Research Institute of Orthopedia and Traumatology. p. 73.
Minutes of sessions nos. 206 and 207 of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province. p. 78.
Minutes of sessions nos. 388 and 389 of the Leningrad Society of Traumatologists and Orthopedists. p. 81.
Minutes of sessions nos. 273 and 274 of the Kharkov Province Society of Traumatologists and Orthopedists. p. 87.
Brief news. p. 92.
New books. p. 92.
Readers' letters. p. 93.
(DNLM)

of the hepatic duct. p. 20.
Petrov, B.A., Lobachev, S.V. - Surgery [illegible] creatitis. p. 35.
Garvin, L.I., Reimern, E.K., Fedorov, D.N. - [illegible] perience in treating patients with [illegible] p. 42.
Toskin, K.D. - Diagnosis and treatment [illegible] creatitis. p. 49.
Belogorodskii, V.M. - Subdiaphragmatic [illegible] p. 51
Berkutov, A.N., Golikov, G.T., Rybakova, [illegible] A. - Use of bicillin, a slow-acting penicillin [illegible] p. 67.
Uglova, V.M. - Comparative evaluation [illegible] albomycin and furacillin in the treatment [illegible] ted wounds; experimental study. p. 73.
Dantlova, V.S. - Permeability of the peritoneum [illegible] peritonitis and chronic diseases of the [illegible] viscera. p. 80.
Butyrev, N.A. - Postoperative metrorrhagia. p. 84
TSagareishvili, A.V., Dorokhov, I.I. - Intestinal [illegible] tomosis in radiation sickness; experimental [illegible] phological study. p. 88.
Kuskova, K.I. - Diagnosis and treatment of [illegible] mesenteric lymphadenitis. p. 93.
Rudakova, T.A. - Congenital intestinal obstruction [illegible] the newborn. p. 98.
Chiatovich, G.V. - Intestinal obstruction caused by acute diverticulitis. p. 100.
Shapkin, M.IA. - Appendix stump inversion in appendectomy. p. 103.
Bendel'ston, P.A. - One-stage closure of an external biliary fistula according to E.V. Sukhova's method. p. 104.
Kalendarev, A.A. - Impairment of blood circulation in the mesentery. p. 106.
Rusinov, A.S. - Observation of a case of thrombosis of the mesenteric vessels. p. 111.
Bogomolova, L.G. - Present status of the problem of absorbable hemostatic preparations. p. 114
Golovin, G.V. - Possibility of cementing bones in fractures; experimental study. p. 125.
Lemberanskii, D.N., Seidova, A.A. - [illegible] ment of fractures of the femur by [illegible] p. 132
Mol'nikova, V.N. - An outstanding Russian surgeon, Nikolai Vladimirovich Ekk; 1849-1908. p. 134
Tal'man, I.M. - "The thyroid" [in English] p. 140.
Minutes of sessions nos. 1165 and 1166 of the Pirogov Surgical Society. p. 143.
Golovin, G.V. - Session devoted to the 50th anniversary of the Leningrad Scientific Research Institute of Traumatology and Orthopedia. p. 146.
Abstracts of original articles. p. 155.

VOPROSY PERELIVANIIA KROVI [PROBLEMS OF BLOOD TRANSFUSION]. Issued by Ukrainskii nauchno-issledovatel'skii institut perelivaniia krovi i neotlozhnoi khirurgii [Ukrainian Scientific Research Institute of Blood Transfusion and Emergency Surgery]. Kiev, vol. 1, 1955.

Table of contents translated:

Glants, R.M. - Studying the mechanism of the action of transfused blood on the basis of the cerebral-visceral reflex theory. p. 7.
Brusnitsyna, M.P. - Some data on the role of the cerebral cortex in the pathogenesis of reactions occurring in transfusions of different type blood. Report no. 2. p. 19.
Usikov, F.F. - Some data on the role of the nervous system in the pathogenesis of reactions [illegible] in transfusions of different type blood. Report no. 1. p. 26.
Panchenko, N.I. - Effect of experimental blood transfusion on some aspects of adrenaline metabolism. p. 34.
Arlozorov, Z.G., and others. - Role of the nervous system in the mechanism of reactions following blood transfusions. p. 43.
Glants, R.M. - Controlling the therapeutic effect of transfused blood. p. 51.
Miloslavov, N.N., Arlozorov, Z.G., Glenbotskaia, O.V. - Changes in the capillaroscopic picture under the effect of transfusion of blood and its components. p. 59.
Smirnova, L.E. - Effect of different functional states of the cerebral cortex on the quantity of leucocytes in rabbits. p. 70.
Shrago, M.I. - Some functional changes in the nervous system in pernicious anemia. p. 77.
Krainskaia-Ignatova, V.N., Orlenko, IU.M., Chernenko, M.I. - Cross reaction to individual blood compatibility and its role in the detection of hypersensitization of the recipient. p. 89.
Krainskaia-Ignatova, V.N., Chernenko, M.I. - [illegible] ing methods for the prevention of anaphylactic reactions in transfusions of some heterogeneous protein compounds. p. 97.
Geshvantner, R.A. - Some data on the effect of transfusing blood and its components on the blood coagulating system in patients with acute gastroduodenal hemorrhages in peptic ulcer. p. 107.
Drobashevskaia, L.M., Kolenko-Logeso, N.A. - Length of the existence of erythrocytes from transfused globular cells in a recipient's body. p. 116.

Kolenko-Legezo, N.A. - Transfusion of globular cells and a study of its disintoxicating action. p. 125.
Kotliar, M.A. - Role of plasmatherapy in the combined treatment of suppurative and infectious diseases. p. 133.
Kozyr', P.T. - Studying the changeability of the pyogenic coccal microflora of suppurative-inflammatory processes when treated with plasma combined with other drugs. Report no. 1. p. 145.
Kozyr', P.T., Kotliar, M.A. - Changes in the opsonic index and complement titer in suppurative infections under the effect of plasmotherapy. p. 155.
Zalkina, A.P., and others. - Transfusion of the "intermediate layer" of stored blood in leucopenia, agranulocytosis, and thrombopenia. p. 165.
Zalkina, A.P., Podgaits, S.D. - Changes in the morphological picture and some physicochemical properties of the blood in plasma transfusions to patients with traumatic and postoperative shock. p. 175.
Matiashin, I.M. - Clinical observations of transfusions of heterogenous serum. Preliminary report. p. 186.
Orlenko, IU.M. - New compound "chloride plasma" and its use in several diseases requiring surgery. p. 192.
Arlozorov, E.G. - Causes of early hemolysis of stored blood and ways to prevent it. p. 215.
Orlenko, IU.M., Kozyr', P.T. - Role of "midget ampules" for the bacteriological control of stored blood and its components at various stages of preservation. p. 231.
Arlozorov, Z.G., Gudoliuk, O.K., Freiman, G.I. - Resistance of erythrocytes from defibrinated blood during prolonged preservation. p. 242.
Shklovskaia, D.IU, Chernenko, N.I. - Average hematological indexes of donors in the city of Kharkov as related to the time of the year. p. 249.
Arlozorov, Z.G., Orlenko, IU.M., Lekarev, S.A. - New method of preparing serum from the blood of donors with conservation of the globular mass for transfusions. p. 259.
Glante, R.M., Vainshtein, S.A., Lekarev, S.A. - Determination of prothrombin in blood collected from a finger. p. 270.
Averbakh, R.D. - Technical modifications of an apparatus for drying plasma by the method devised by the Central Division of the Leningrad Institute of Blood Transfusion. p. 274.
(DNLM)

## 1) VENEREOLOGY & DERMATOLOGY

VESTNIK VENEROLOGII I DERMATOLOGII [REVIEW OF VENEREOLOGY AND DERMATOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 30, no. 5, Sep.-Oct. 1956.

Table of contents translated:

Malykin, R.IA., and others. - The state of cerebral currents in eczema, neurodermitis and nettle rash and changes following novocaine and sleep therapy. p. 3.
Karakulina, L.P. - Cytologic examinations in some skin diseases. p. 11.
Shtolzberg, M.A., Pankova, E.E., TSarik, S.IA. - Changes in sensory chronaxy in lupus erythematosus following a procaine block of trigeminal nerve endings. p. 14.
Vinokurov, I.N. - Functional and histomorphological changes in the skin of rabbits with experimental dermatitis after influencing the central nervous system in several ways. p. 16.
Bazyka, A.P. - Clinical aspects and epidemiology of trichophytosis in the Moldavian S.S.R. p. 18.
Kukoleva, L.I. - Dermatomycosis in infants. p. 22.
Voronov, D.L. - Separation of megasporia into a special nosologic unit. p. 23.
Raben, A.S. - A new method of treating vitiligo; review of foreign literature. p. 26.
Kozhevnikov, P.V., Pashkov, B.M., Smelov, N.S. - Impressions from a trip to the International Conference on Venereal Diseases in Washington. p. 28.
Maslov, P.E., Robustov, G.V., Turanov, N.M. - Prevention, symptoms, and treatment of syphilis of the nervous system. p. 37.
Mazurova, N.I., Kaldanovskaia, S.I. - Results of examination of women who had been sources of gonorrheal infections. p. 42.
Livkina, E.G., Malyshev, F.S., Vdovina, N.V. - Primary gonococcal sensitivity to antibiotics and sulfanilamides as compared with chemotherapeutic results in men. p. 45.
Teokharov, B.A. - Trichomoniasis of male urogenital organs. p. 49.
Studnitsin, A.A., and others. - Results of using a preparation "antipsoriaticum" for the treatment of psoriasis. p. 53.
Anikin, A.F. - Case of necrobacillosis in man. p. 53.
Karimov, Sh.M., Ereshov, M.E. - Consecutive granulomas in leishmaniasis. p. 54.
Kostarev, A.P. - Virile hypertrichosis. p. 54.

# 15. AGRICULTURE

## a) GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie i sel'skokhoziaistvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin, Biological and Agricultural Sciences], Erivan, Vol. 9, no. 10, Oct. 1956.

Table of contents translated:

Kazarian, V.O., Zakarian, N.E., Balagezian, N.V. - Rhythmical change of direction in the movement of plastic matter in cut plant stems. p. 3.
Minasian, A.K. - Some data on the variability of barley during its phylogenetic development. p. 15.
Simonian, E.G. - Comparative study of the fertilization of sunflower pollinated in the morning and at night. p. 35.
Paronikian, G.M. - Cultivation of Trichomonas vaginalis. p. 43.
Ovsepian, O.V. - Cases of Bacterium tularense isolated from crabs. p. 49.
Grigorian, G.K., Melkumian, G.O., Markarian, A.K. - Corn variety tests in Armenia. p. 53.
Torchian, A.K. - Data on corn cultivation in the Ararat Plain [in Armenian with summary in Russian]. p. 65.
Sarkisian, S.A., Bakhalbashian, Dzh. - Effectiveness of annual green manure grasses in increasing wheat yields under conditions prevailing in the semidesert zone of the Ararat Lowland. p. 71.
Anantian, V.L. - Some agrochemical characteristics of the exposed sandy bottom soils of Lake Sevan. p. 81.
Arakelian, A.O. - Leaf roller (Recurvaria nanella Hb.) in the Armenian S.S.R. and its control. p. 93. (DA)

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut pochvovedeniia i agrokhimii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Soil Science and Agricultural Chemistry. Transactions]. Baku, vol. 7, 1956.

Table of contents translated:

Preface. p. 5.
Guseinov, D.M. - Methods of manuring soils after a rice crop in the Lenkoran' region. p. 9.
Davtian, G.S. - Work toward increasing the yield of agricultural crops carried out by the Laboratory of Agricultural Chemistry of the Academy of Sciences of the Armenian S.S.R. p. 23.
Movsesian, E.M. - Effect of fertilizers applied to the maternal plants of grain crops on the productive capacity of the seeds produced. p. 39.
Abutalybov, M.G. - Effect of trace elements on the development and yield of cotton and alfalfa seeds. p. 53.
Sulakova, L.A. - Applying fertilizers to grain crops on the eroded soils of Nagornyy Karabakh. p. 71.
Guseinov, R.K. - Effect of organomineral mixtures on the yield of raw cotton and cabbage. p. 83.
Pisemskaia, V.A. - Results of three years' research on the application of granulated fertilizers to cotton in the Azerbaijan S.S.R. p. 97.
Talybly, G.A. - Fertilizing tea plantations of the Lenkoran' region in the subtropics of Azerbaijan. p. 111.
Sardarova, G.G. - Results of applying various amounts of mineral fertilizers to an apple orchard in Kuba District. p. 119.
Musabekova, E.S. - Forms of phosphoric acid in the basic soil types of the Shirvan Steppe. p. 129.
Musabekova, E.S. - Agrochemical characteristics of the basic soil types of the Shirvan Steppe. p. 133.
Sulakova, L.A. - Effect of trace elements (boron and manganese) on tomato yields on the Apsheron Peninsula. p. 139.
Edigarova, N.N. - Humus in the western part of the Shirvan Steppe. p. 145.
Degtiareva, L.P. - Effect of cultivation practices on the amount of mobile forms of humus in the soil. p. 153.
Aliev, S.A. - Amount of organic remains in certain soils of Azerbaijan. p. 161.
Edigarova, N.N. - Conversion of the organic matter of petroleum origin in Sierozem-Meadow soils. p. 169.
Sulakova, L.A. - Loss of soluble nutrients from the soil as a result of erosion. p. 175.
Mishinkina, V.V. - From studies of grain crops in Stepanakert District of Nagorno-Karabakh Autonomous Province. p. 183.
Burakovskaia, E.A. - Investigation of soil erosion in Shusha District of the Nagorno-Karabakh Autonomous Province. p. 189.
Kozhukhova, A.P. - Soils and erosion in the forested steppe zone of the Lesser Caucasus according to the data obtained on the research plot. p. 197.
Mamedov, R.G. - Differential porosity of certain soils in the eastern part of the Shirvan Steppe. p. 209.
Abduev, M.R. - Moisture regime of soils in the eastern part of the Shirvan Steppe. p. 215.
Volobuev, V.R. - Certain data on the composition of vegetation in connection with the salinity of soils in the Mugan Steppe. p. 225.
Shchipanova, I.A. - Salt resistance of cotton in the Shirvan Steppe. p. 233.
Volobuev, V.R., Kovalev, R.V. - Work results and tasks of further research on the cultivation of tea in Azerbaijan. p. 242.

AKADEMIIA NAVUK BSSR, Minsk. Instytut sotsyalistychnai sel'skai haspadarki. Sbornik nauchnykh trudov [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Socialist Agriculture. Collection of Scientific Works]. Minsk, no. 4, 1956.

Table of contents translated:

Prokopov, P.E. - Using grasses in crop rotation. p. 3.
Chizhevskii, M.G., Abramchuk, A.P., Larionenko, V.B. - Effect of deepening the plow layer on the yield of winter rye and potatoes. p. 24.
Kedrov-Zikhman, O.K., Zenkevich, T.I., Krupen', N.I. - Effect of organic fertilizers in connection with the liming of turf-Podzolic soils and grassland crop rotation. p. 37.
Shempel', V.I., Starovoitov, K.T. - Basic problems in fertilizing and liming loamy slightly base-saturated turf-Podzolic soils in the White Russian S.S.R. p. 60.
Kedrov-Zikhman, O.K., Talanova, K.S. - Effect of granulated superphosphate on crop yields as influenced by the methods of fertilizing and liming sandy-loam turf-Podzolic soils. p. 101.
Kovalevskaia, N.P., IAroshenko, N.N. - Study of the qualitative composition of humus in turf-Podzolic soils in connection with some methods of their cultivation. p. 118.
Vil'gusevich, I.P. - Volumetric ammonium-formaldehyde method for determining the capacity of exchange absorption of soils. p. 137.
Vil'gusovich, I.P. - Leaching potassium from turf-Podzolic and peat-bog soils under climatic conditions of the White Russian S.S.R. p. 143.
Balakhonov, S.I. - Soil cover in "Ust'e," an experimental station of the Institute of Socialist Agriculture of the Academy of Sciences of the White Russian S.S.R. p. 157.
Blintsov, I.K. - Soil moisture and its effect on annual growth of pine plantations of the pine-bilberry type. p. 180.
Ruban, V.I. - Effect of granulated superphosphate on the yield of fiber flax. p. 194.
Lappo, A.I., Ruban, V.I. - Some problems in the cultivation of fiber flax. p. 203.
Zabello, D.A. - Mixed sowing of sunflowers for ensilage. p. 218.
Sapogova, A.A. - Effect of vernalization and planting time on the susceptibility of wart-resistant potato varieties to phytophthora and other diseases. p. 231.
Vlasova, K.S. - White Russian red clover as initial breeding material. p. 240.
Zhuravel', B.N. - Biology of the flowering of millet in the White Russian S.S.R. p. 249.
Kipenvarlits, A.F. - Fauna of earthworms (Lumbricidae) of low swamps in the White Russian S.S.R. p. 255.
Kipenvarlits, A.F., Khot'ko, A.I. - Role of shadow-casting traps in controlling injurious insects on turf-Podzolic soils. p. 269.
Markovets, A.F., Zhabinskaia, M.I. - Damage to cereal grasses by frit flies in the White Russian S.S.R. p. 282.
Kipenvarlits, A.F., Zenkevich, V.I. - Controlling wireworms in corn crops in the White Russian S.S.R. p. 290.
Peskin, A.L., Zalesskaia, M.F., Makritskaia, N.P. - Efficient action of ferments on combined aerobic-anaerobic retting of flax; according to experimental findings in 1953-1954. p. 313.
(DA)

ҚAZAҚSTANNYҢ AÚYL SHARŮASHYL-YǴY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 12, Dec. 1956. [In Kazakh.]

KOLKHOZNIK BELORUSSII [COLLECTIVE FARMER OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva BSSR. [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 4, no. 8, Aug. 1956.

Table of contents translated:

Editorial: Procure enough forage to feed livestock in the winter. p. 1.
Vishnevskii, M. - Rich harvest. p. 3.
Freidin, V., Il'evskii, Z. - Busy time for flax growers. p. 4.
IAstrebov, M. - From laggards to leaders. p. 5.
Let us sow winter crops in an exemplary fashion. p. 6.
Brindenkova, M.IA. - For 120 poods of rye per hectare. p. 7.
Tiutiunov, D.S. - Collective farm threshing barns help preserve the harvest. p. 8.
Suslov, V.P., Umanskii, G.M. - Methods of repairing tractors by units. p. 20.
Letter to the editor. p. 21.
Paguda, M.K. - Our work has become specific and

interesting. p. 22.
Rai'chik, J.N. - Economic gains from vegetable growing. p. 23.
IUdanov, F.V. - What has insured the rich harvests. p. 24.
Minov, V. - Fruit growers. p. 26.
Titov, A. - From separate farms to collective farm settlements. p. 28.
Chesalin, V. - Amur carp in the waters of White Russia. p. 29.
Shashkov, Al. - Builders. p. 30.
Nekrasov, V.A. - Sports facilities on collective farms. p. 31.
Lutchenko, N.F. - What does autumn plowing gain? p. 9.
Savkovich, A. - Foliar fertilization of sugar beets. p. 10.
Aniskin, V. - Different yields of hemp on collective farms of Zhlobin District, p. 11.
Sulimov, I.S. - Our practice in harvesting makhorka. p. 13.
Kucherovskii, M.S. - Our care of feeding stuffs. p. 14.
Kukso, Vi. - On a swine-breeding farm, p. 15.
Osovtsov, B.I. - We are increasing our production of milk and meat. p. 16.
Nekrashevich, A. - Stockbreeders participating in the Exhibition. p. 17.
Egorov, V. - Fattening hogs with food refuse. p. 17.
Anis'ko, E.N. - What does keeping hogs in groups gain? p. 18.
Wedding on a collective farm. p. 33.
Replies to questions. p. 33.
Experience and observations. p. 34.
Sharikov, K.E. - How life originated on the earth. p. 35.
The housewives' page. p. 37.
Satire and humor. p. 38.

Vol. 4, no. 10, Oct. 1956.

Table of contents translated:

Editorial: Ensure the active participation of collective farm members in the communal economy. p. 1.
Meleshkevich, I.K. - Labor activity of collective farm members is on the rise, p. 3.
Fomchenko, S.R. - Improve the utilization of land on collective farms in White Russia, p. 5.
Korobko, S., Pavlov, A., Lebedievskii, S. - Are we using the land expediently? p. 7.
Loiko, P.G. - Winning and the transportation of peat for fertilizer. p. 8.
Pushkarev, I.I. - Special problems in the storage of this year's potatoes. p. 9.
Medov, I.I. - For 160 tons of flax fiber from a "TL-40" unit, p. 10.
Kutikov, A.I. - Let's use all means for the primary processing of flax. p. 12.
Fedorovich, V.I. - We ensure our cattle a warm winter and one well supplied with feeding stuffs. p. 14.
Pankevich, A.A. - Keeping milk records on collective farms. p. 15.
Vishnevskii, M. - The corn grew after all. p. 16.
Arochka, N.V. - Feeding and fattening livestock is profitable for the state as well as for collective farms. p. 17.
Nikulin, T.G., Konopel'ko, P.IA. - Valuable experience in keeping and raising calves, p. 18.
Gladenko, V.K., Reinov, A.B. - Using horses on collective farms. p. 19.
Khudiakov, E.I. - Business accounting has proved its value, p. 20.
Zubets, V.M. - Reclamation of land in the sixth five-year plan, p. 22.
IUrkevich, I.D., Bezdenko, T.T., Smoliak, L.P. - Efficient results of chemical methods for destroying shrubbery in meadows and pastures, p. 25.
Gofman, D.A., Bliaskin, L.IA. - Three million rubles of profits from fruit growing on a collective farm.
Gamarra, Pierre. - The wall; a story. Translated from the French. p.18.
Davydov, L. - Salt. p.21.
Rozova, R. - Happy life of a large family. p.23.
Sokolova, K. - The exhibition on a collective farm. p.25.
Kvitko, T. - The third field crop cultivation group. p.26.
Novikova, T. - It isn't true, they do have a father. p.28.
Keshokov, A. - The toast; verse. p.29.
Pastukhov, P. - New-year's cake. p. 30.
Fashions. p.30.
Laptev, V. - Treatment of mange. p. 32.

MASHINNO-TRAKTORNAIA STANTSIIA [MACHINE-TRACTOR STATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Mosvow, vol. 16, no. 10, Oct. 1956.

Table of contents translated:

For every collective farm a high-quality seed supply. p.1.
Korzun, I. - We are carrying into effect the directives of the Twentieth Congress of the Communist Party of the Soviet Union. p.4.
Kul'batskii, N., Speranskii, V. - The supply of livestock products has been doubled. p.7.
Zaplatin, P. - Mechanization of labor-consuming operations. p.10.
Vanian, R. - Cost of tractor work. p.12.
Vereskov, A. - Role of radio dispatcher system in organizing accounting and control. p.15.
Basova, A. - Agrometeorological observatory at the machine-tractor station. p.17.
Frolov, V., Lankin, G. - Repair of tractors organized on a year-round schedule. p.18.
Kuvshinov, IA. - Effect of tightening caterpillar tracks on the traction power of tractors. p.21.
Plishkin, A., Egorova, E. - Proper hitching of tractor plows. p.23.
Odoteev, V. - Device for adjusting tractor-drawn equipment. p.24.
Sologub, D. - Use of DT-14 tractors for operating beet lifters. p.25.
Antipov, V. - For an improved method of regulating the fuel system of diesel engines. p.27.
Gugunishvili, G. - Restoring worn surfaces of tractor parts by electrolytic iron plating. p.29.
Lashas, A. - Restoring fixed couplings. p.31.
Dmitriev, A. - Securing valve seat rings with dovetails. p.32.
Svetlov, V. - Economizing petroleum products in repairing engines. p.34.
Pokhvalenskii, V. - Machine milking of cows in milking stands. p.35.
Batiuk, N. - Efficient utilization of feed steaming plants. p.37.
Starostin, K. - Useful instrument. p.38.
Kireev, M. - Additional oil control rings in KDM-46 engines. p.38.
Legkii, N. - Improving the leading wheel of KD-35 and KDP-35 tractors. p.39.
Koslakov, E. - Device for painting machines. p.39.
Zil'berg, IU. - Aluminium bimetallic bearing linings for D-35 and D-54 tractors. p.40.
Leites, I. - Hydraulic lift linkage of DT-24 tractors, p.42.
Kniazev, N. - Special problems in operating GBF-4600 and GBF-4105 generators. p.44.
Klimenko, V. - How to make slag cement for roof covering. p.45.
News from machine-tractor stations. p.46.

Vol. 16, no.11, Nov. 1956.

Table of contents translated:

Towards new achievements in building communism. p.1.
Machinery for the over-all mechanization of agriculture. p.4.
Zhilin, T., Ponomarev, A. - Results of selfless labor. p.6.
Mukhin, I., Sherstnev, V. - Let's not be satisfied with present achievements. p.9.
Lazuta, V. - Advance of animal husbandry. p.13.
Popovich, N., Bratchenko, I. - Lower the cost of labor per production unit. p.17.
Marov, M. - Business accounting and the reorganization of the accounting system. p.19.
Kolosov, M. - Utilization of machinery in agriculture. p.20.
Eroshkin, I. - Use more tractor-mounted machines on fields. p.23.
Pololskii, I. - Cold weather operation of tractors. p.25.
Kotliarov, V. - Improved lubrication of the power transmission system of DT-54 tractors. p.27.
Gorozhankin, V. - Increasing the efficiency of D-54 engines. p.30.
Gimein, S. - Using NN-0,75 loaders for fertilizer loading. p.31.
Bel'skikh, V. - Regulating the fuel feed system of tractor engines after repair. p.33.
Neparidze, G. - Using aluminum [illegible] the restoration of machinery [illegible]
Tel'nov, N., Malyshev, P. - [illegible] welding cast-iron machinery [illegible]
Markin, A. - GUM cotton stalk [illegible]
Balantchev, A., Murashev, A., [illegible] AZS-B2 tank truck. p.41.
Organizing and planning the repair [illegible] a year-round schedule. p.43.
Sakovtsev, V. - Cooperation between [illegible] station and state farm machine [illegible]
Egorov, P. - Change the system of [illegible]
News from machine-tractor stations [illegible]
To our readers. p.48.

MEKHANIZATSHIA SIL'SKOHO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE] [illegible] stvo sil'skoho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. [illegible] no. 10(82), Oct. 1956. [In Ukrainian]

Table of contents translated:

Homcharenko, P.T. - Economic [illegible] models of tractors and agricultural [illegible]
Klymashko, M.O. - We make full [illegible] p. 4.
Zyma, M.D. - Drying rooms and [illegible] corn. p. 5.
Artynov, M. - Collective farm [illegible] p. 7.
Stepanenko, A.N. - Particular [illegible] tractors in winter. p. 8.
Cherkun, V.IE. - How can we [illegible] efficiency of the D-35 and [illegible]
Khomko, S.F. - Separate drive [illegible] NATI and DT-54 tractors. p. 10.
Vesna, M.M. - How to attach the [illegible] KDP-35 tractors. p. 11.
Hryhoruvych, D.A., Nattanzon, I.I. - [illegible] creasing shift productivity of [illegible]
Zhevnovatyi, M.T. - New systems [illegible] of tractor groups. p. 14.
Dubrovin, V.S. - Organization of [illegible] autumn and winter. p. 15.
Prytsker, O.I. - Plan the spare parts [illegible]
Levyts'kyi, Sh.A. - Restoration of [illegible] in the GAZ-51 automobiles. p. 16.
Ivashchenko, M.I. - Analytic method [illegible] maximum wear in machinery. p. 18.
Polarkov, K.M. - Transformers with [illegible] tion at load. p. 21.
Kovalenko, M.O. - New hydroelectric [illegible] on the Yuzhnyy Bug to serve [illegible] farms. p. 22.
Ivashyn, O.I. - Practice in preserving [illegible] lifting pumps. p. 23.
Mielkonov, B.I. - Cart for the PKA-12 [illegible] ing unit. p. 26.
Tudel', M.V., Parkhomenko, A.H. - [illegible] harvesting combine. p. 26.
Markovs'kyi, IE.A. - Using high-[illegible] for D-54 engine parts. p. 27.
Kramarenko, I.P. - Mechanization of [illegible] abroad. p. 28.
Danylevych, S.IU. - Corn-shelling [illegible]
Shevchenko, P.A., Mallubin, T.T. - [illegible] in the PK-1, 6 pickup baler. p. 31.
Ren'bach, O.O. - An attachment to the [illegible] for applying fertilizers. p. 31.
Bratchykov, V.N. - A heater for greenhouses. p. 32.
Romanenko, O.M. - Prolong the life of [illegible] machines. p. 32.
Bondar, M.IA. - Preparing metal surfaces [illegible] for painting. p. 32.
Korchemnyi, P.I. - "Handbook on operating [illegible] mobiles on collective farms." p. 32.

Vol. 7, no. 11(83), Nov. 1956 [in Ukrainian]

Table of contents translated:

Editorial: for further development of the [illegible] economy of the U.S.S.R. p. 1.
Holikov, I.H. - Large-scale demonstrations [illegible] ments. p. 3.
Koval'skyi, P.F. - Efficiency promises [illegible] help agriculture. p. 4.
Polishchuk, S.S. - We introduce progressive [illegible] p. 7.
Puzanov, M.P. - Training machine [illegible] to new programs. p. 8.
TSikrovych, L.S. - First successes in the [illegible] of business accounting. p. 10.
Hurin, M.I., TSeitlin, M.IA. - Regulate the [illegible] norms for workers in tractor groups. p. 12.
Moroz, V.I. - Lower production costs in [illegible] ing. p. 13.
Lamash, I.D. - Ensure steady operation [illegible] biles in winter. p. 15.
Dobrotvors'kyi, S.I. - Reasons for some [illegible] diesel tractors. p. 16.
Halduk, L.M. - Starting the D-54 engine in winter. p. 16.
Danylko, B.S. - Improve planning and the [illegible] of repairing machine-tractor equipment. p. 18.
Krzhyvonchyk, K.L. - Standardization of repairs used in the shops of machine-tractor stations. p. 20.

Lelnarchak, IE.I. - Electrodes for building up metal. p. 22.
Shalaiev, I.N. - Improved attachment for hydraulic testing of parts of the KDM-46 engine. p. 23.
Syvolapov, V.K. - Using asbestos-cement pipes for water supply lines. p. 24.
Illushchenko, V.P. - Pumping water by deep-well centrifugal pumps. p. 25.
Hrebiv', H.K. - The PDU-4 suspended unit for milking cows. p. 26.
Voronians'kyi, M.P. - Bioenergetic units on stock-breeding farms. p. 27.
Nasushkin, A.I. - Tractor industry abroad. p. 29.
Kondratiuk, P.I. - Mechanization of the preservation and utilization of manures. p. 30.
Sobol', F.D. - We manufacture the forks of head coupling joints for the DT-54 and SKhTZ-NATI tractors. p. 31.
Bazelin, O.M., Levin, M.S. - Steel wire for overhead electric lines. p. 32.
Smollar, P.K., Chemus, V.S. - Lathe for boring machine parts of large diameter. p. 32.
Hainhan, O.S. - Put in order the distribution and supply of spare parts. p. 3 of cover.
Stepushov, M.I. - Some remarks on Comrade Zaglyna'kyi's articles. p. 3 of cover.

MICHURINSKOE UCHENIE NA SLUZHBE NARODU [MICHURIN THEORIES IN THE SERVICE OF THE PEOPLE]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 3, 1955.

Table of contents translated:
Kirichenko, F.G. - Odessa 16 winter wheat variety. p. 7.
Maslika, A.S., Klinchko, P.F. - Developing hybrid corn in Odessa Province. p. 20.
Glushchenko, I.E. - Moscow Hybrid Corn. p. 34.
Petrov, I.A. - New methods in the vegetative hybridization of grain. p. 43.
Zhdanov, L.A. - Selective pollination of sunflowers and the development of new varieties. p. 58.
Orlovskii, N.I. - Sugar beet breeding and seed production based on Michurin's theories. p. 74.
Arutiunova, L.G. - Michurin's theories in cotton breeding. p. 82.
Sizov, I.A. - Michurin's theories and flax breeding. p. 101.
Kvasnikov, B.V. - Achievements in vegetable breeding. p. 110.
Alpat'ev, A.V. - Thirty-five years of tomato breeding. p. 115.
Brezhnev, D.D. - Effect of growing conditions on changes in the anatomical structure of tomato plants. p. 123.
Vlasiuk, P.A. - Nutrition of plants and the increase of crop yields. p. 133.
Shaumian, V.A. - Michurin's theories in animal science and husbandry. p. 157.
Davydov, S.G. - Michurin's theories in stockbreeding. p. 163.
Shteiman, S.I., Kuz'michev, A.V. - Upgrading the breeding stock of Kostroma cattle. p. 172.
Ioannisian, S.I. - Michurinian agrobiology as the theoretical basis of stockbreeding. p. 181.
Lysogorov, V.I. - Experience in stock raising on the "Gorki Leninskie" Farm. p. 190.
Udin, V.M. - Selecting Karakul ewes according to the quality of offspring. p. 196.
Tret'iakov, N.P. - Optimum conditions for the incubation of eggs. p. 204.
Movchan, V.A. - Acclimatization of fish. p. 209.
Khalifman, I.A. - Bee colony as a biological entirety. p. 220.
I.V. Michurin's published works and literature concerning him. p. 235.
(DA)

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Izvestiia [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Bulletin]. No. 2(12), 1956.

Table of contents translated:
Kolesnov, S.G. - Ways of increasing the productivity of labor in agriculture. p. 5.
Peterburgskii, A.V., and others. - Effectiveness of fertilizers on irrigated lands in southeastern provinces of the U.S.S.R. p. 23.
Maisurian, N.A., Filatov, N.K. - Methods for accelerating the ripening of lupine. p. 37.
Trushin, V.F. - Effect of erosion on soil properties and field crop yields. p. 53.
Fedorov, M.V., Laslo, D. - Nitrogen-fixing activity of nodule bacteria during various developmental stages of pea and vetch plants. p. 61.
Rachinskii, V.V., Siniukhina, L.A. - Using tracer methods in studying the effect of light intensity on the intake of mineral substances by plants (experiments with isotopes of sulphur $^{35}$). p. 83.
Atabekova, A.I., Nekipelova, I.A. - Flowering of some species of lupine. p. 99.
Sludskaia, L.A. - Morphology and anatomy of cauliflower in ontogeny. p. 107.
Volichko, E.B. - Ways of saving water in rice growing. p. 119.
Zhilinskii, V.A. - Treatment of experimental data obtained from studying the absorption of water by soils. p. 131.
IArkov, S.P., Kaurichev, I.S., Poddubnyi, N.N. - Studying the genesis of Solonetz and Soloth soils. p. 141.
Demianovich, A.M. - Sands along the banks of the Klyaz'ma River in Vladimir Province. p. 151.
Klimov, V.I. - Effect of liming on the properties of forest soils. p. 159.
Davidov, R.B., Gul'ko, L.E. - Factors influencing the amount of thiamine in milk. p. 179.
Solntsev, A.I. - Role of vitamins A, D, $B_1$, $B_2$, and $B_{12}$ in stockbreeding. p. 187.
Sokolovskaia, I.I., and others. - Importance of antibiotics, sulfa drugs and vitamins in preserving semen. p. 193.
Drozdova, L.P. - How the feeding of sires affects the protein of their spermatozoids. p. 215.
Listov, P.N., Runov, B.A. - Automatic equipment in agriculture. p. 223.
Aleshin, S.N., Tiunceva, T.N. - Feeding plants with organic soil substances in the state of molecular dispersion. p. 231.
Kopteva, Z.F. - Determining calcium and magnesium in soil extracts by titration in one solution. p. 233.
Valentin Vasil'evich Feofilaktov; obituary. p. 236.
Sergei Petrovich IArkov; obituary. p. 237.
Brief news. p. 238.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR THE MECHANIZATION OF AGRICULTURE. Transactions]. Moscow, vol. 22, 1956.

Table of contents translated:
Fateev, E.M. - Basis for standard dimensions of windmills. p. 5.
Shefter, IA.I. - Structure of the wind. p. 46.
Shefter, IA.I. - Using flywheels in wind-power installations. p. 61.
Shefter, IA.I. - Determining optimal parameters for flywheels; methods of calculation. p. 92.
Shefter, IA.I., Orlov, V.A., Kolodin, V.N. - Statics and dynamics of the centrifugal regulator of D-18 windmills. p. 111.
Mogil'nitskii, I.D. - Regulating high-speed windmills by setting the wind wheel at an angle to the wind. p. 135.
Andrianov, V.N., Bystritskii, D.N. - Parallel operation of wind and thermal power plants of approximately equal capacity. p. 146.
Maslukov, V.N. - Aggregate plant producing heat, cold and electric energy for livestock farms. p. 168.
Maslukov, V.N. - Law of "potential" change in isolated thermodynamic system. p. [illegible].
Maslukov, V.N. - Adiabatic processes in condensed systems at low temperatures. p. 195.

NAUKA I PEREDOVOI OPYT V SEL'SKOM KHOZIAISTVE [SCIENCE AND PROGRESSIVE EXPERIENCE IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR, Ministerstvo sovkhozov SSSR, and Glavnyi komitet Vsesoiuznoi sel'skokhoziaistvennoi vystavki [Ministry of Agriculture of the U.S.S.R., Ministry of State Farms of the U.S.S.R., and All-Union Agricultural Exhibition]. Moscow, no. 10, Oct. 1956.

Table of contents translated:
Kudriavtsev, A.A., Alikaev, V.A., Kuz'michev, A.V. - Effective measures for saving young stock. p. 2.
Kazanskii, I.I. - Prevent stomach diseases in animals. p. 4.
Protopopov, A.P. - Infrared radiation. p. 6.
Meliukov, A.N. - Valuable experience in raising the young. p. 8.
Lebedev, P.T. - Concentrated feed rich in vitamins and proteins. p. 10.
Krasil'nikov, N.A. - Antibiotics in stock raising. p. 11.
Polianichko, IA.I. - Chemical preservation of feeds. p. 13.
Minkevich, I.A. - Soybean, a protein-rich oil and fodder plant. p. 15.
Moksin, D.V. - Plant breeders. p. 18.
Ladygin, N.D. - New methods in training specialists. p. 20.
Conference on exchanging experience in getting high vegetable yields. p. 23.
The contribution of science to production. p. 24.
Tashchev, E.N. - One shift. p. 26.
Innovators. p. 28.
Zubarev, F.A. - It's impossible to agree with this. p. 29.
Polinkov, N.F. - Eliminate barrenness and death. p. 32.
If there were no losses. p. 35.
Nazarova, I.K., Zakharova, N.A. - Where once was desert. p. 37.
Kharitonov, D.M. - Improve plant protection exhibits. p. 40.
Marchenko, I.V. - Ponds at the Exhibition. p. 42.
Markarian, K.K. - Organize mechanized milking parlors. p. 44.
Tishchenko, A.V. - How much corn should sows get? p. 46.
Men'shchikova, V.B. - Feeding sows with corn silage. p. 46.
Belokhonov, I.V. - Draw progressive workers into scientific work. p. 48.
Synzynys, B.Z. - Combination tractor groups. p. 49.
Kukta, G.M. - What is hindering the improvement of machinery. p. 51.
Timakov, D.M. - Workdays of a collective farm agronomist. p. 53.
Firsov, B. - Cotton. p. 55.
Klochkova, K.P. - Germination and vitality of seeds. p. 59.
Kondrat'ev, K.T. - Against stereotyped practice. p. 61.

SEL'SKOE KHOZIAISTVO; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE; Systematical Index of Articles in Foreign Periodicals]. Published by Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature]. Moscow, nos. 8(26)-10(28), 1956.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR and Ministerstvo sovkhozov RSFSR [Ministry of Agriculture of the R.S.F.S.R. and Ministry of the State Farms of the R.S.F.S.R.]. Saratov, no. 10, Oct. 1956.

Table of contents translated:
To collective farmers, workers of machine-tractor stations and state farms, agricultural specialists, party and soviet workers, and to all those working in provinces, territories and autonomous republics of the Russian Soviet Federated Socialist Republic. p. 3.
Sidorov, I.S. - Basic conditions for the system of agriculture in the Southeast. p. 4.
Afanas'eva, M.M. - Agricultural zones of Saratov Province. p. 13.
Ivanov, A.S. - Preparing seeds for spring sowing is an urgent task. p. 22.
Pavlov, M.I. - Soil cultivation in the Tatar A.S.S.R. based on T.S.Mal'tsev's method. p. 26.
Kulakov, A.N. - Terrace and snow-water basin irrigation. p. 31.
Kaplinskii, M.I. - Role of saturation irrigation in increasing spring wheat yields. p. 36.
Egorov, I.P., Nikitin, T.M. - Flax growing on the Kirov Collective Farm. p. 40.
Belik, V.F. - Achievements of vine crop growers participating in the All-Union Agricultural Exhibition. p. 43.
Gorin, T.I. - Present state and prospective development of horticulture in Stalingrad Province. p. 47.
Petrov, E.M. - Introduce sweet-fruited varieties of rowan into orchards of the Volga region. p. 49.
Kudashev, I.S. - Phosphorobacterin and corn yields. p. 52.
Paniushkin, A.N. - Additional feeding of cattle towards the end of the fattening period. p. 56.
Kuz'min, I.G. - One cow feeds two calves. p. 58.
Rachkovskii, L.N. - Early lambing on seasonal pastures. p. 61.
Vasin, A.V. - So-called poisoning in cattle when feeding on corn fields. p. 64.
Letunov, I.I. - Flood lands, an important factor in increasing agricultural production. p. 67.
Pigas, IU.K. - Planning the production and delivery of pork. p. 71.
Shulov, A.S. - Effect of deep plowing on the fertility of Solonetz-type Chestnut soils and dark-colored soils. p. 73.
Platonov, F.P. - Ensilaging potatoes. p. 74.
Plotnikov, V.K. - Using mustard seed meal for fattening swine. p. 75.
Shiler, G.G. - Water-supply system on a livestock farm. p. 76.
Pitaevskii, P. - Letter to the editor. p. 77.
Bookshelf. p. 79.

SEL'SKOE KHOZIAISTVO ZA RUBEZHOM; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [AGRICULTURE ABROAD; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 2, no. 6, 1956.
(DA)

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serila Remont traktorov, sel'khozmashin i avtomobilei [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on Repairing Tractors, Agricultural Machinery, and Trucks]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 12, Dec. 1956.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serila Traktorist, kombainer i shofer [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE.



421427 O-57-5

B 15a - b

Series for Tractor and Combine Operators and Truck Drivers]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 12, Dec. 1956; no. 1, Jan. 1957.

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO [SOCIALIST AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR. [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 27, no. 7, 1956.

Table of contents translated:

Zhukovskii, N. - Problems in the development of agriculture in Novosibirsk Province. p. 3.
Gendel'man, M. - Crop rotations and land organization on collective farms. p. 9.
Burikhin, N. - Distribution and rotation of crops according to the relief. p. 18.
Maksimov, A. - First successes. p. 24.
Anisimov, A. - Work effectiveness of composite crews. p. 33.
Masalkin, N. - Agriculture in the region of the Votkinsk Hydroelectric Power Station. p. 38.
Nechitailo, F. - Improve the supply of machine-tractor station equipment. p. 43.
Izmailov, K. - Supply system for machine-tractor stations. p. 46.
Fraer, S. - Size of machine-tractor stations in the non-Chernozem zone. p. 51.
Gusev, S., Kaplun, S. - Business accounting in tractor groups. p. 63.
Lovkov, IA. - Machine-tractor stations are the decisive force in collective farm production. p. 70.
Popov, N. - Agriculture in Bulgaria. p. 84.
Sergeev, P. - Latvian agricultural periodical. p. 90.

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sovkhozov SSSR.] Moscow, no. 10, Oct. 1956.

Table of contents translated:

Decisive days for preparing cattle for wintering. p. 3.
Popov, V. I. - Grain of Kazakhstan. p. 6.
Smorodov, P. L. - To the good of the billion poods of Siberian grain. p. 12.
Pak, A. A., Ugai, M. A. - Economics of diversified farming. p. 16.
Ananichuk, A. F. - An example of persistent struggle for strengthening the farm economy. p. 20.
Nikitin, M. A. - Technical work standards in dairy husbandry. p. 24.
Readers' remarks on "Cooperative construction work on state farms." p. 28.
Bragin, F. S., Kholodova, R. I., Patkin, L. S. - We grow vegetables all year long. p. 30.
Dreveiskii, V. S. - Results of two-and three-layer systems of plowing. p. 35.
Meshchaninov, S. I. - Planning breeding on state farms. p. 38.
Vasil'ev, N. A. - Sheep breeding on state farms in Kirghizistan. p. 44.
Drushliakov, I. P., Snegovoi, V. V. - Organizing artificial insemination of ewes. p. 50.
Kronskii, E. - When there is negligence in wintering cattle. p. 53.
Timofeev, P. S. - Wide introduction of progressive methods in repairing agricultural machinery. p. 55.
Lapinskii, L. G. - Finish and open each house more rapidly. p. 58.
News of science and practice. p. 61.
News about agricultural practices and equipment abroad. p. 74.
Letters from readers. p. 77.
In the Ministry of State Farms of the U. S. S. R. p. 79.

TEKHSOVETY MTS [TECHNICAL ADVICE TO MACHINE-TRACTOR STATIONS]. Published by Ministerstvo sel'skogo khoziaistva SSSR [Industry of Agriculture of the U.S.S.R.]. Moscow, vol. 17, no. 20, Oct. 1956.

Table of contents translated:

Laheves, A. - Mechanization of livestock sections of Estonian collective farms. p. 1.
Molodkin, V. - Using measuring and grinding instruments. p. 4.
Novitskii, I. - Prolong the life of the B-7 engines. p. 11.
Kniaz'kov, S. - Truck-mounted lime spreader. p. 12.
Andreev, A. - Changing the design of the exhaust system in SKhTZ tractors. p. 16.

Vol. 17, no. 22, Nov. 1956.

Table of contents translated:

Zimina, E. - New drills. p. 1.
Dalin, A. - Correct use of FB-1, 9 peat cutters. p. 5.
Bondarenko, N. - Improper operation of diesel tractors. p. 8.
Ustiukhin, G. - Using the TA-55a testing bench for regulating fuel pumps. p. 9.
Kul'pin, G. - Hermetic fueling of automobiles with ethyl gasoline. p. 10.
Kuznetsova, M., Gaolaik, V. - Restoring the permeability of coarse oil filters in diesel engines. p. 13.
Kagorlyev, L. - Plate for fastening double oil filters. p. 14.
Gelerkh, G. - Device for testing fuel pump pressure valves. p. 15.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. Doklady [ALL-UNION LENIN ACADEMY OF AGRICULTURAL SCIENCES. Reports]. Moscow, vol. 21, no. 11, 1956.

Table of contents translated:

Siundiukov, Kh. Kh., Onisko, N. F. - Tillage for sowing the fourth crop on virgin and waste lands. p. 3.
Satarov, N. M. - Changing spring oats into a winter crop. p. 9.
Bykov, M. M., Dapina, S. IA. - Effect of micro- and macroelements of saline solutions on the yielding ability of seeds and the growth and development of spring wheat. p. 12.
Milovanov, V. K., and others. - Three new microrespirometers for studying the metabolism of small biological specimens. p. 17.
Belen'kii, N. G., Mescheriakova, M. F. - Protein metabolism in animal organisms at different functional stages of the central nervous system. p. 22.
Kotov, V. T. - Swine erysipelas and basic problems in general and special preventive measures. p. 20.
Nikitina, F. A. - Rotor-type flowmeter of the Rostov Institute of the Academy of Communal Economy. p. 36.
Mel'nikov, S. V. - Approximate evaluation of the quality of feed grinding in hammer mills. p. 41.

b) ANIMAL INDUSTRY

KHARKOV. VETERINARNYI INSTITUT. Sbornik trudov. [VETERINARY INSTITUTE. Collected Papers]. Vol. 21, 1952.

Table of contents translated:

Nosik, A.F. - One hundredth anniversary of Kharkov Veterinary Institute. p. 3.
Lisitskii, E.F. - Effect of environment on the embryonal development of chickens under various incubation conditions. p. 27.
Krok, G.S. - Embryonal growth and transition into the postembryonal state of the excretory organs in ducks. p. 43.
Krok, G.S. - Determining the functional state of cells of the renal epithelium by in vivo staining. p. 60.
Shcheglov, A.M. - Detecting causes for the mortality of chick embryos by pathomorphological analysis of incubation "waste" (chicks which failed to hatch). p. 66.
Smirnov, S.I. - Histological picture of bone marrow in healthy swine and in those affected by plague. p. 70.
Smirnov, S.I. - Effect of excitation during restraint on the quantitative and morphological composition of peripheral blood in swine. p. 85.
Zimogliad, N.A. - Erythropoiesis in some animals in connection with their age. p. 94.
TSymbal, T.G. - Experimental and clinical observations of the insufficiency of epithelial bodies in horses. p. 105.
Poliakov, M.M. - Dynamics of the growth and involution of the thymus in swine. p. 130.
Tkach, V.K., Chervov, V.G. - Changes in the dielectric properties of the blood in horses during thermal inactivation. p. 135.
Arskii, Kh.T. - Methods of studying conditioned motor defense reflexes in horses. p. 144.
Arskii, Kh.T. - Some peculiarities of conditioned reflexes in colts. p. 148.
Chumakova, T.A. - Conditioned motor reactions to thermal skin stimulation in horses. p. 156.
Malinin, A.I., Tertyshnik, V.I. - Comparative study of the concentrating ability of the kidneys in some domestic animals. p. 164.
Onitsev, P.I. - Cumulative properties of cardiac glycosides. p. 172.
Onitsev, P.I. - Changes in the electrocardiogram under the effect of convallatoxin. p. 177.
Dymarskii, L.A. - Vitamin C content of alfalfa hay. p. 183.
Dymarskii, L.A. - Dynamics of vitamin C accumulation in alfalfa during different phases of vegetation. p. 188.
TSapenko, G.V. - "Blood" combinations in line breeding of cattle. p. 193.
Kozlovskii, E.V. - Catalase activity in the Brucella. p. 202.
Artiukh, I.A., Ostashevskii, A.G., Gurova, E.I. - Disinfection of meat infected by Salmonella. p. 211.
Revo, M.V., Shmalii, K.V. - Experimental study of serodiagnosis of encephalomyelitis in horses. p. 219.
Lukashov, I.I. - Epizootology and clinical aspects of infectious rhinitis deformans in young pigs. p. 226.
TSapenko, G.V. - Materials on the study and prevention of diseases in swine causing the snout to turn sidewise and upwards. p. 232.
Lukashov, I.I., Nikitin, M.G. - Vaccination against Aujesky's disease. p. 242.
Nikitina, V.S. - Resistance of the Aujesky's disease virus in manure. p. 245.
Nikitina, V.S. - On the problem of the presence of the Aujesky's disease virus in lice infesting swine. p. 249.

Nikitina, V.S. - Duration of viability of the virus Aujesky's disease in the environment. p. 251.
Rotov, V.I. - Intracutaneous tuberculin testing of poultry conducted in two stages. p. 255.
Nosik, A.F. - Epizootology and epidemiology of echinococcosis. p. 264.
Nosik, A.F. - Immunity in echinococcosis in domestic animals. p. 271.
Nosik, A.F., Pustovar, IA.P. - Rearility of the [illegible] organism and modifications of hydatid cysts. p. [illegible]
Nosik, A.F. - Resistance of oncospheres of Echinococcus granulosus to the action of some physical and chemical factors. p. 304.
Nosik, A.F. - Genesis of Echinococcus alveolaris multilocularis, E. cavarotyroformis. p. 317.
Sokolovskii, V.A. - Biological cycle of the rabbit Dicrocoelium lanceatum (Loydig). p. 326.
Litvishko, N.T. - Morphological peculiarities of the different developmental stages of the itch mite Chorioptes cuniculi Chorioptes mutans Robin, 1860. p. 347.
Palimpsestov, M.A. - Mortality of the itch mite Psoroptes longirostris ovis on the bodies of sheep under natural conditions. p. 357.
Palimpsestov, M.A. - Clinical aspects and diagnosis of reticular onchocerciasis in horses. p. 373.
Nosik, A.F., Adamets, G.D. - Fluorine preparations as anthelmintics. p. 380.
Adamets, G.D. - Sodium fluoride and sodium fluosilicate as anthelmintics in ascaridiasis in dogs. p. 394.
Smirnov, S.I. - Lymphadenomia in cattle. p. 397.
Pustovar, IA.P., TSymbal, T.G. - Chancroid of the orbit in a cow. p. 398.
German, V.A. - Twenty years' work of the Department of Surgery in the field of blood transfusion in animals. p. 406.
Labunskii, V.M. - On the study of isoantigens and immune antibodies in blood transfusion in dogs. p. 413.
Magda, I.I., Shalduga, N.E., Voukolainikov, V.M. - A method of rumenotomy. p. 426.
Kalashnik, I.A. - Anatomical and topographic data on the sacral and pelvic plexus in swine. p. 433.
Popov, I.F. - Intravenous penthotal anesthesia in swine. p. 445.
Shalduga, N.E. - Caponizing cocks. p. 453.
Kalashnik, I.A. - Local anesthesia in surgical operations on the peritoneum and the external genital organs in dogs. p. 460.
Kalashnik, I.A., Shalduga, N.E. - Surgical treatment of umbilical hernias in swine and dogs. p. 471. (DA)

Vol. 22, 1954.

Table of contents translated:

Foreword. p. 3.
Celebration of the 100th anniversary of Kharkov Veterinary Institute. p. 6.
Koropov, V. M. - Development of higher veterinary education in Russia and the role of Kharkov Veterinary Institute. p. 12.
Kolinkov, IA. E. - The role of Kharkov Veterinary Institute in the development of microbiology in Russia. p. 20.
Magda, I.I. - The role of Kharkov Veterinary Institute in the development of clinical veterinary medicine. p. 39.
Bazhenov, S. V. - Outstanding Russian veterinary scientist, Georgii Antonovich Pollula; 1820-1877. p. 50.
Bazhenov, S. V. - "Veterinary pharmacology" by G. A. Pollula. p. 61.
Arskii, Kh. T. - Higher nervous activity in domestic animals. p. 69.
Malinin, A. I. - The role of Pavlov's teachings in veterinary pathology. p. 78.
Lisitskii, E. F. - Regeneration processes in the bone and cartilago tissues in bone transplantations and fractures. p. 87.
Krok, G. S. - Dynamics of the innervation of the kidneys in embryos and chicks in relation to incubation conditions. p. 99.
TSymbal, T. G. - Epithelial bodies in small domestic ruminants. p. 112.
Shcheglov, A. M. - Dissection of chicks which failed to hatch in order to detect the causes of disorders in their embryonic development. p. 132.
Kazanskii, D. I. - Disinfection of saddles and harnesses made out of leather substitutes. p. 137.
Shur, I. V. - Diagnosis and hygienic rating of meat after slaughtering cattle affected by a latent form of tuberculosis. p. 143.
Kalmykov, K. V. - Removal of "red spots" (a micrococcal) growth from intestines. p. 150.
Chumakova, T. A. - Conditioned motor reflexes in horses caused by thermal skin stimulation. Report no. 2. p. 153.
Chumakova, T. A. - Conditioned motor responses in horses to thermal skin stimulation. Report no. 3. p. 161.
Arskii, Kh. T., Kompaniisev, V. A. - Chain-type conditioned reflexes in horses. p. 166.
Malinin, A. I., Kharchenko, E. D., Tertyshnik, V. I. - Functional state of the kidneys in experimental nephritis in dogs. p. 171.

Malinin, A. I., Konovalenko, L. A. - Functional state of the reticuloendothelial system in X-ray therapy of mange in dogs. p. 178.
Onitsev, P. I. - Classification of cardiac glycosides. p. 183.
Onitsev, P. I. - Biological activity of cardiacs. p. 194.
Toporina, A. N. - Effect of sulfanilamides on the intestines. p. 202.
Mikhalichenko, P. M. - Effect of prolonged use of horses for the production of therapeutic and prophylactic serums on the tonus of their cardiovascular system. p. 206.
TSuverkalov, D. A. - On the problem of the nature of brucellosis serum antibodies. p. 218.
Revo, M. V., Shmalii, K. V. - Effect of defensive inhibition on the course of infection processes. Report no. 1. p. 223.
Kozlovskii, E. V. - Materials on the problem of Brucella migration. p. 232.
Lukashov, I. I., and others. - Studying sheep and swine for the pathogenic properties of a culture grown from tuberculosis bacilli isolated from field voles. p. 248.
Rotov, V. I. - Experimental and industrial practice in diagnosing tuberculosis in poultry. p. 252.
Nikitin, M. G., Lobedev, V. I. - Field study on the action of tuberculin prepared on a synthetic culture medium. p. 260.
Nikitin, M. G. - Some peculiarities of the clinical aspects and epizootology of Aujesky's disease in swine. p. 268.
Nikitina, V. S. - Materials for a study on how long the virus of Aujesky's disease will stay active in external surroundings (on grass and in the soil). p. 277.
Palimpsestov, M. A., and others. - Research on new anthelmintics for controlling drepanidotaeniasis in geese. p. 291.
Nosik, A. F. - Studying the biological peculiarities of the causative agent of echinococcosis in domestic animals. p. 288.
Litvishko, N. T. - Length of the biological development cycle of Cnemidocoptes mutans. p. 299.
Litvishko, N. T. - Studying the capacity for invasion of Cnemidocoptes mutans at different stages. p. 305.
Sokolovskii, V. A. - Demodectic mange in dogs and main methods for its treatment. p. 310.
Mozgovoi, A. A. - Porrocaecosis in ducks and the biological peculiarities of its causative agent. p. 316.
Adamets, G. D. - Effect of fluorine preparations (sodium fluoride and sodium fluosilicate) on the organism of horses. p. 321.
Podgorodetskii, N. P., Sadovskaia, L. I. - Treatment of trichomonal colpitis in cattle. p. 327.
Nakonechnyi, N. S. - Vitamin A content of the tissues and organs of sheep and goats as related to certain factors. p. 332.
Gorb, T. V. - Prevention and treatment of vitamin A deficiency in pregnant ewes and lambs. p. 337.
Barzhevskii, N. V. - Effect of two feeding methods on pig raising and the productivity of sows. p. 345.
Smirnov, S. I. - Guiding principles in present-day veterinary therapy. p. 356.
Smirnov, S. I. - In vivo examination of bone marrow in domestic animals and the scientific and practical significance of this method. p. 364.
German, V. A., Kniashuik, I. A. - Use of tissue therapy in veterinary surgery. p. 373.
Plakhotin, M. V. - Projection method in topographical anatomy. p. 381.
Popov, I. F. - Mass use of pentothal anaesthesia in swine. p. 392.
Voskoboinikov, V. M. - Lumbar epidural anesthesia in cattle. p. 399.
Makkaveev, B. V. - Using normal horse serum as a tissue therapy preparation. p. 406.
(DA)

KONEVODSTVO [HORSE BREEDING], Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 26(101), no. 12, Dec. 1956.

Table of contents translated:

Grudin, I. I. - Raise more draft horses. p. 1.
Volod'ko, M. - Horses on the Gastollo Collective Farm. p. 6.
IAkovlev, A. - Better organization for stud farms. p. 12.
Troitskii, N. - Saddle horses at the All-Union Agricultural Exhibition of 1956. p. 17.
Gavrilov, P. - Horse-breeding section of the Comintern Collective Farm. p. 27.
Karlsen, G. - Trials for horses on the Tori Stud Farm. p. 29.
Gavrikov, D. - Challenge cup tournaments. p. 35.
Zolov, A. - My practices in working with horses. p. 39.
Grils', M. - Lighting tracks with nitroelectrolamps. p. 40.
At the conference of stud farm managers and zootechnicians of the Ministry of State Farms of the R. S. F. S. R. p. 41.
Sixth readers' conference. p. 42.
Interdistrict horse show in Pereslavl', p. 43.
Reorganizing the work of tracks. p. 44.
Index of articles published in "Konevodstvo" in 1956. p. 44.

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Organ of Ministerstvo promyshlennosti miasnykh i molochnykh produktov SSSR [Ministry of the Meat and Dairy Products Industry of the U. S. S. R.]. Moscow, vol. 17, no. 7, 1956.

Table of contents translated:

Kostygov, V. - Improvement of industrial organization is an important problem in the preparation for 1956. p. 1.
Kozlov, P. - Voronezh Province has fulfilled the annual plan for milk procurement. p. 5.
Kopytov, F. - Types and distribution of cheese-making plants. p. 6.
Varganov, V., Postovskoi, I. - Procurement of milk from individual collective farmers. p. 8.
Ostrovskii, E. - Determining the productive capacity of a cheese plant. p. 9.
Chekulaev, N. - Air distribution in spray dryers. p. 11
Kurguzov, I. - Improved crystallization of sweetened condensed milk. p. 13.
Shnaider, D. - Problems relative to the industrial organization of urban dairy plants. p. 15.
IAkhontov, P. - Production of powdered cheese. p. 16.
Panasenkov, N. - Improve the training of engineers for the dairy industry. p. 17.
Opol'skii, A. - Elimination of shortcomings in the construction of vacuum apparatus for melting the cheese mass. p. 19.
Mel'nikov, N. - Mechanization of separator sections. p. 20.
Gibshman, M. - Improving quality of milk in collective farm dairy sections. p. 21.
Evstratov, M. - Standard transformer substations. p. 23.
Kliashko, I. - Simplified accounts for milk procurements. p. 25.
Klimovskii, I., and others. - Composition of the water-insoluble cheese residue and its change. p. 28.
Lipatov, N. - Breaking fat globules during separation. p. 30.
Kiseleva, N. - Sour milk product from camel's milk. p. 31.
Rinzanov, G. - Concentration of saccharose, sugar of milk and table salt in the water contained in dairy products. p. 34.
Kurguzov, I. - Pipe tinning furnace. p. 35.
Magnushevskii, L. - Lever-screw press for Yaroslavl cheese. p. 35.
Stel'makhov, V. - Saving steam during the operation of drying installations. p. 36.
Ruban, I. - Modern AMA-1 bottle washer. p. 37.
Consultation. p. 38.
Kogan, M. - Dairy industry in India. p. 40.
Practices in other countries. p. 42.
Kishkin, A. - The inventor Zakhar Bobrov. p. 46.

MOSCOW. TEKHNICHESKII INSTITUT RYBNOI PROMYSHLENNOSTI I KHOZIAISTVA. Trudy [TECHNOLOGICAL INSTITUTE OF FISHERIES AND THE FISH INDUSTRY. Transactions]. No. 6, 1954.

Table of contents translated:

Borisov, P. G. - History of the study of fishing in the U. S. S. R. p. 3.
Baranov, F. I. - Effect of the action of waves on the fishing net. p. 13.
Baranov, F. I. - Theoretical foundation of the work of "hydroplane" in pulling a rope through under the ice. p. 17.
Zaitseva, L. M. - Device for determining buoyancy changes in floats caused by varying external pressure. p. 24.
Segal', A. I. - Determining frequencies of a ship's own vibration. p. 26.
Segal', A. I. - Calculations for ship structures of the rectangular-truss type. p. 37.
Efimov, M. I. - Wear resistance of metal in fire-tube boilers. p. 52.
Voevodin, N. F. - Differential equation for capacity. p. 59.
Sevast'ianov, N. B. - Determining the leading dimensions of the ship considering the calculation of its stability under large angles of inclination. p. 63.
Voevodin, N. F. - Analytical method of determining the amount of ballast needed or lowering the gravitational center of the ship for obtaining the required stability. p. 96.
Sukacheva, E. V. - Determining the elements of stability in the affine transformation of the theoretical drawing. p. 110.
Ivanova, L. S. - Added mass of fluid in an open prismatic vessel. p. 119.
Lapin, P. M. - Nature of the solutions of spontaneously dissolving compounds of high molecular weight. p. 128.
Koval'chuk, G. K. - Changes in the muscle proteins of fish during heat treatment. p. 139.
Novikov, V. P. - Continuously working distiller of fish oil miscella. p. 152.
Mikhailov, G. V., Makovetskii, V. P. - Using the piezoelectric effect for determining stresses and vibrations in machines and automatic machines of the fish processing industry. p. 162.

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 11, Nov. 1956.

Table of contents translated:

Forward to the communist victory! p. 3.
Kondratenko, A. - Increase the population of fur-bearing animals. p. 6.
Denisov, V. - Hunting farms. p. 9.
Ingor, M. - In a hunting district. p. 11.
Glioza, G. - Hundred-year-old hunters. p. 14.
Radchuk, V. - New hunting regulations in the Ukraine. p. 15.
Turkin, P. - Get acquainted with the principles of hunting. p. 16.
Kulikov, K. - Handbook for hunters. p. 13.
Pashkov, V. - Protecting poachers. p. 18.
Gusev, O. - Bargusin sables. p. 19.
Timofeev, V. - Kolinsky. p. 22.
Platonov, A. - Migration of white partridges. p. 24.
Aleksandrova, I. - Beavers in the Oka Terrace Game Preserve. p. 25.
Orlov, G. - Hunting seals. p. 26.
Minkevich, V. - Elders. p. 28.
In the wide open spaces of Siberia and Kazakhstan. p. 30.
Kalachev, B. - Interrepublic field trials for pointing dogs. p. 31.
New cadres of specialists. p. 34.
Perov, B. - Pointers in the Crimea. p. 35.
Klimanov, V. - Quality of shot. p. 37.
Sokolovskii, V. - How to handle guns. p. 40.
Taskina, A. - Favorite profession. p. 42.
Marikovskii, P. - Notes of a tracker. p. 47.
Smirnov, Nik. - Elk. p. 51.
Baranov, A. - Zhen'ka is back. p. 52.
IUrasov, S. - On a hunting trip with Novikov-Pribol. p. 53.
Malinovskii, A. - Complete failure. p. 54.
Verzianu, Horia. - Fauna of Rumania. p. 56.
Kozlovskii, A. - A useful book. p. 57.
Letters to the editor. p. 58.
Follow-up on published articles. p. 60.
Answers to questions from readers. p. 61.
Brief news. p. 62.
Stopping place. p. 64.

OVTSEVODSTVO [SHEEP BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U. S. S. R. and Ministry of State Farms of the U.S.S.R.]. Moscow, no. 10, Oct. 1956.

Table of contents translated:

Let's establish a strong base for sheep breeding in the eastern part of the country. p. 1.
Carry out the mating of sheep in an organized manner. p. 6.
Vasil'ev, N.A. - Change the methods of calculating cost of production in sheep breeding on state farms. p. 8.
Shemenev, P.V. - Let's fulfill the task of the sixth five-year plan ahead of schedule. p. 10.
Rukhkian, A.A. - Raising medium-wool sheep in the Armenian S.S.R. p. 13.
Agilan, E.T. - Raising hybrid lambs. p. 16.
IAkovlev, I.S. - The plan for the development of communal sheep breeding is being carried out. p. 19.
Mekhtiev, G.IU. - Fine-wool sheep breeding on the leading collective farms of Azerbaijan. p. 23.
Modianov, A.V. - Work practices of leading workers in feeding silage to sheep. p. 25.
Dudar', A.K. - Harvesting seeds and sowing prostrate summer cypress. p. 28.
Kostiukov, M.I. - Water supply in the pastures of Kazakhstan in the sixth five-year plan. p. 31.
Kaplan, R.M. - Mechanization of water supply in the pastures of Kazakhstan. p. 34.
Legantseva, N.I. - Mechanization of water pumping on state Karakul farms is an urgent task. p. 37.
Lutskii, IA.Z. - New achievements in the mechanization of water pumping in pastures. p. 38.
Esaulov, P.A. - Academician Mikhail Fedorovich Ivanov. p. 41.
Bulashevich, M.E. - Use of stilbestrol in sheep breeding. p. 45.
Kapusov, Khairulla. - At our machine-tractor station. p. 47.
Chubinidze, V. - For further increase in the productivity of sheep. p. 47.

No. 11, Nov. 1956.

Table of contents translated:

Eliminate in good time shortcomings in the preparations for the wintering of livestock. p. 1.
Bogdanov, B.N. - Improve the use of the Chernye Zemli and Kizlyar pastures. p. 3.
Uliakhin, A.K. - Sheep breeding is an important branch of the communal economy on the collective farms of Aktyubinsk Province. p. 9.
Adamov, Kh. - Ways of improving sheep breeding on the Sary-Bulakskiy State Farm. p. 12.

Pozdniakov, P.M. - Practical training of specialists. p. 15.
Ponomarev, S.P. - Breeding fine-wool and medium-wool sheep on the collective farms of Western Kazakhstan. p. 20.
Shelepov, E.S. - Rotation breeding increases the productivity of sheep. p. 23.
Lobachuk, A.P. - Sheep breeding at the All-Union Agricultural Exhibition of 1956. p. 26.
Smirnov, G.K. - Let's fulfill the five-year plan in three years. p. 31.
Kurmanov, K.K., Raibaev, K.R. - Basin snow-water irrigation is a means for increasing the productivity of natural forage lands. p. 36.
Noskov, A.I. - Hypovitaminosis of sheep. p. 38.
Vasil'eva, M.A., Loginova, T.I. - Work of the collective farm wool laboratories. p. 39.
Volkov, A., Eliutin, IU. - Sheep breeding in Argentina. p. 43.
Kantsepol'skii, A.S. - Making sheep shearing easier. p. 45.
Seminaries for sheep-breeding zootechnicians at the All-Union Agricultural Exhibition. p. 46.

PCHELOVODSTVO [APICULTURE]. Organ of Ministerstva sel'skogo khoziaistva SSSR i RSFSR [Ministries of Agriculture of the U.S.S.R. and of the R.S.F.S.R.] Moscow, vol. 33, no. 11, Nov. 1956.
Table of contents translated:
Achievements of leading beekeepers in 1956. p.3.
Rodionov, V.V. - Maintaining strong bee colonies all the year round is the basis for high returns of apiaries. p.6.
Medvedev, I.K. - Conditions determining the beginning of egg laying by the queen. p.10.
Alles, P.T., Gubin, A.F. - Effect of a break in the laying activity of the queen on the honey crop. p.13.
Liventsev, L.S. - Determining the best time for requeening. p.17.
Istomina-TSvetkova, K.P. - Work methods of I.S. Filatov, a leading beekeeper. p.21.
Kopel'kievskii, G.V. - Studying the nutritive and ensiling qualities of phacelia and willow herb. p.25.
Tolstikhin, N. - Growing phacelia for bees and for ensiling. p.30.
Vasil'ev, P. - Expand vetch growing for seed in mixtures with phacelia. p.31.
Steshenko, F.N. - Effect of mineral fertilizers on the nectar yield of phacelia. p.32.
Bulanov, N.A. - Effect of precipitation on the flowering and honey crop from linden. p.33.
Paraeva, L.K. - Sweet clover in Western Siberia. p.35.
Kaziev, T.I. - Secretion of floral nectar in new cotton varieties. p.39.
Bogoiavlenskii, S.G., Kovarskaia, A.L. - Evaluating the nectar production of plants. p.41.
Makarov, V.L. - From practice in controlling bee lice. p.44.
Shaginian, E.G. - Poisoning of bees by alkaloids of henbane. p.45.
Vinogradova, T.V. - Treating nosema with fumagillin. p.47.
Nikolenko, I.A. - Wintering bees in earthen hives. p.48.
Serebrennikov, G.I. - Ventilation of wintering repositories. p.49.
Kulichkov, G.M. - Improved handbarrow. p.50.
Ponomarenko, Kh.Kh. - Using sunflowers for late honey flow. p.51.
Alen'kin, A.I., Mozgachev, V.G. - Eliminate shortcomings in training beekeepers. p.52.
Protasov, I.G. - Improve the training of beekeepers.

...I. - Sixteenth Interna...eping. p.55.

...bees should be held re...

...umer cooperative unions ...ry equipment. p.63. ...rs for bees and queens ...stations. p.64. ...wintering repositories.

...anslated:
...lice of leading beekeepers ...nous Province. p.3. ...fethods of wintering bees.

...bees in East Kazakhstan

...in the cold part of the

...proved the wintering of ...ixed with honeydew.

...p.19. ...he organism of bees and

Brysin, A.N., Voskoboinikov, I.I. - Useful suggestions of efficient beekeepers. p.26.
Bardakov, S.L. - How I improved the honey extractor. p.28.
Krasnopeev, M.Z. - Implement for filling combs with disinfecting liquids and for rinsing them with water. p.30.
Starkov, I.A. - Placing hives in holes for the winter. p.32.
Kabakov, M.P. - Covering trenches and measuring the temperature in them. p.32.
Kazantsev, V.K. - Moving bees in winter. p.32.
Dabakhov, A.S. - Keeping bee colonies in a shed. p.33.
Spitskii, E.N. - Changing the direction of hive entrances. p.34.
Nalimskii, P.A. - Effect of the brood and the laying queen on the yield of honey. p.35.
Nagornyi, V.N. - Lifting device for solar wax extractors. p.35.
Sokolov, P.P. - Demonstration hive. p.37.
Ostashchenko-Kudriavtseva, A.K. - Crimson clover. p.39.
Medicinal use of honey and bee sting poison. p.41.
K.I. - Survey of lectures on the biology of bees, given in Vienna at the International Congress on Bee Culture. p.45.
Supplementary feeding of bees in winter. p.46.
I.V. Golomidov. p.50.
Riabtsev, P.P. - Extracting comb wax in apiaries. p.51.
Upit, V.K. - Not enough attention is paid to apiary equipment. p.51.
Zubkov, I.A. - Just where can we get apiary equipment? p.52.
Information for those using the "Reference dictionary for beekeepers." p.52.
Literature on bee culture published in 1955. p.53.
Index of articles published in "Pchelovodstvo" in 1956. p.57.

PTITSEVODSTVO [POULTRY RAISING]. Organ of Ministerstva sel'skogo khoziaistva SSSR i RSFSR [Ministries of Agriculture of the U.S.S.R. and of the R.S.F.S.R.]. Moscow, vol. 6, no. 11, Nov. 1956.
Table of contents translated:
Business accounting is the road to further development of hatchery work. p.3.
State of poultry husbandry on the collective farms of Gorkiy Province. p.6.
Shkarenkov, K.A. - Work of hatcheries with business accounting. p.11.
Batiushina, V.I. - Poultry section raising Pervomaiskaia chickens. p.17.
Barebina, O.V. - Let's increase the productivity of chickens. p.18.
Jackunas, K.M. - Lithuanian geese. p.19.
Krikun, A.A. - Poultry feeding during the period preceding the production of hatching eggs. p.23.
Tret'iakov, N.P. - Current tasks in building and modernizing incubators. p.28.
Barulin, S.M. - New system for supplying water to incubators. p.32.
Antonovich, S.N. - How to prevent burning of electric motors in incubators. p.33.
Bogdanov, M.N. - Pigeons. p.34.
Askerov, A.A. - Sulfanthrol and norsulfazole for controlling gastrointestinal diseases in young fowl. p.38.
Kharchenko, O.N. - Use of purified turpentine in hymenolepiasis of domestic ducks. p.39.
Obenko, K.S., Antakov, A.P. - Use of cobalt in raising chicks. p.41.
Osetrov, P.A. - Device for determining the strength of egg shells. p.42.
Nikol'skii, B.S. - Determining sex in day-old chicks. p.44.
Volkov, S.IA. - When will we have incubators for hatching goose eggs? p.48.
Brief news. p.48.

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Ministerstvo rybnoi promyshlennosti SSSR [Ministry of the Fishing Industry of the U.S.S.R.]. Moscow, vol. 32, no. 11, Nov. 1956.
Table of contents translated:
Conservation and reproduction of fish resources is the most important task of national economy. p.1.
Pomukhin, V.P., Bochek, A.P. - The "Aktiubinsk," a diesel ship with electric drive, flagship of the refrigerator fleet. p.6.
Azhazha, V.G. - Fish-locating qualities of some echo sounders. p.11.
Dmitriev, IU., Akhlynov, I. - New system of organizing fishing in the North Atlantic. p.17.
Khrapovitskii, A.S. - Fast unloading of fish from trawler holds. p.20.
Davydov, V.IA. - Specimens of fishermen's work clothes. p.22.
Feofilaktova, A.G. - Work of motorized fishing stations. p.25.
Cheshikhin, V.K., Studenetskii, S.A., Adyrov, I.Z. - New methods for calculating wear and tear of fishing equipment. p.29.
Potekhina, E.V. - Possibilities of ... of the Lower Don for the ... anadromous fishes. p.34.
Shchupakov, I.G. - Fish ... p.35.
Gromov, V.V. - Pollution of ...
Sabir, V.A. - First year of ... Fish Farm. p.37.
Zyrianova, N.I. - Siberian ... River. p.40.
Ponomarev, F.A. - Work ... men. p.42.
Zalinev, V.P. - Norwegian ...
Marti, IU.IU. - Fisheries of ...
Berezin, N.T. - Fish pro...
Berezin, N.T., Zaitsev, V.P. ... unit in Bergen (Norway). p.
Giul'badamov, S.N. - Selecting ... trawl mouth and determining ... ficient of the catch. p.
Kadil'nikov, IU.V., Studenetskii, ... a net-hauling roller. p.
Trade news. p.87.
Brief news. p.90.
Kovalenko, S.N. - Observance of ... Road by ships of the North At... tion. p.92.
Naumov, V.M. - From the pages of ... periodical "Rilano skopanstvo" ... p.93.

SEL'SO; OBMEN OPYTOM V SEL... Sortia Molochnaia ferma [SELSO; ... EXPERIENCE IN AGRICULTUR... Dairy Farm]. Issued by Ministe... khoziaistva SSSR [Ministry of ... U.S.S.R.]. Moscow, no. 12, ... Jan. 1957.
(DA)

SEL'SO; OBMEN OPYTOM V SEL... Sortia Svinovodcheskaia ferma [... OF EXPERIENCE IN AGRICUL... Swine Breeding Farm]. Issued ... skogo khoziaistva SSSR [Ministry ... the U.S.S.R.]. Moscow, nos. ... no. 1, Jan. 1957.
(DA)

SOTSIALISTYCHNE TVARYNNYTS... ANIMAL HUSBANDRY]. Organ ... ho hospodarstva URSR [Ministry ... Ukrainian S.S.R.]. Kiev, vol. ... [In Ukrainian.]
Table of contents translated:
Zorin, I.H. - For successful ... breeding plan in the 1956-19... Kantsedal, N.H. - We have doubled ... pork. p. 10.
Domydenko, F.P. - I carried out ...
Shymon, P.A. - Group method for fattening ...
Starovierov, M.O. - Zootechnical ... preparing feeding stuffs. p.
Krementulo, V.M. - Make fuller ... for fattening cattle. p. 25.
Tyts'kyi, I.IA. - Standard portion ... feeding swine. p. 26.
Skuratov, I.S. - Silage for fowl. p.
Voroshko, K.I., Mikhnenko, H.F. ... Thirty-year-old silo. p. 28.
Bondariev, IU.F. - Increasing the fat ... milk of Red Steppe cattle. p.
Ivantsiv, E.M. - Breeding work ... p. 36.
Ser'ohin, I.D. - Improving breeding ... of horses. p. 37.
Korenovs'kyi, H.A., Pocherniaiev, ... pigs of the Berkshire type. p.
Karovin, I.M., Kovalenko, O.IA. - ... of silage from silos. p. 42.
Kuznetsov, V.P. - Milking barns. p.
Bondarenko, H.F. - Prevent diseases ... during the winter season. p. 51.
Hondaruk, I.P. - Controlling tuberculosis ... p. 52.
Rotov, V.I. - Dry tuberculoprotein ... tuberculosis in poultry. p. 54.
Martynenko, I.I., Koval'ov, A.P. - ... ness in cows. p. 56.
Shtun', F.O. - Raising healthy lambs. p.
Doroshkov, V.B. - Improving catheters ... for artificial insemination. p.
Zaichyk, M.Kh. - New agricultural ...
Havryliuk, V.IE. - Useful booklet. p.
New books. p. 62.
Work as progressive workers do. p.

VETERINARIIA [VETERINARY MEDICINE]. ... Ministerstvo sel'skogo khoziaistva ... sterstvo sovkhozov SSSR [Ministry of ... the U.S.S.R. and Ministry of State ... U.S.S.R.]. Moscow, vol. 33, no. 12, ...
Table of contents translated:
Important tasks of veterinary specialists ...

winter. p. 3.
Mozgov, I. E. - More attention to poultry breeding. p. 6.
On the problems raised in L. I. Ryzhenkov's article. p. 14.
Nikonov, N. N. - Building of veterinary institutions in Bryansk Province. p. 18.
Ivanova, V. I. - Work of the Taldy-Kurgan Province veterinary bacteriological laboratory. p. 21.
Pilyugin, V. V. - Our method of raising calves. p. 24.
Lukyanovich, A. B. - Cases of paratyphoid fever in cows and methods for its elimination. p. 26.
Akhmedov, A., Kiamilov, I., Vanesian, I. - Treating diplococcal diseases in calves. p. 27.
Tverdov, G. S. - Paratyphoid in mature swine. p. 28.
Karamyaheva, E. N. - Tansy for treating parascariasis in foals and ascariasis in dogs. p. 29.
Gribanovskaia, E. IA., Smirnov, A. M. - Bactericidal properties of the gastric juice of horses. p. 30.
Elizarovskii, G. I. - Concentrated tetanus antitoxin. p. 33.
Tikhonov, G. V., Krasheninnikov, P. N. - Treating dogs for mange. p. 34.
Nikitin, V. IA. - Treating female rabbits for acute infectious mastitis. p. 35.
IAkovlev, S. A. - Myxomatosis. p. 36.
Smirnov, S. I. - Using camphor in the treatment of anemia in domestic animals. p. 39.
Aizatullov, M. I. - Prevention and treatment of toxic dyspepsia in calves. p. 41.
Lavrova, V. V. - Introducing drugs directly into the abomasum in cattle. p. 46.
Sazhin, N. G. - Conduction anesthesia of the tongue in cattle. p. 49.
Mustafin, A. A. - Case of multiparity. p. 52.
Klimenko, V., Andreevskii, V. - Unusual case of abnormality in a cow. p. 52.
Flegmatov, N. A., Shipilov, V. S. - Raising the conception rate of cows and heifers. p. 53.
Dautov, A. G. - Raising lambs in unheated buildings. p. 61.
Kumpel'makher, E. G. - Role of listerellosis in the sanitary inspection of meat. p. 63.
Krinochkin, A. D. - Disinfection in foci of paratyphoid fever infections. p. 66.
Poliakov, A. A., IArnykh, V. S. - Light-weight apparatus for mechanized disinfection and disinsectization by hot solutions. p. 70.
Nazarov, V. P. - Methods for titering rabies vaccines. p. 75.
Poliakov, A. A., Terent'eva, K. I. - Cultivating anthrax bacilli which have been treated by disinfectants. p. 77.
In the Ministry of Agriculture of the U. S. S. R. p. 78.
In the scientific and technical council of the Ministry of Agriculture of the U. S. S. R. p. 81.
In the Soviet Union. p. 83.
Index to articles published in "Veterinariia" in 1956. p. 85.

ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 16, no. 11, Nov. 1956.

Table of contents translated:

Ivanov, A.A. - Machinery systems for over-all mechanization of animal husbandry. p. 1.
Miroshnik, A.A., Lozovskii, N.V. - Computing the working days expended per unit of production in animal husbandry. p. 9.
Rykovskii, P.I. - Important source for the production of protein feeds in the Far East. p. 13.
Malakhovskii, A.IA. - Mutual relationship of selection, culling, and breeding methods. p. 18.
Kravchenko, N.A. - Methodological problems in crossing farm animals. p. 26.
Lanina, A.V. - Certain practices in breeding work. p. 33.
Zalunin, N.I., Gamalitskii, V. A. - Mechanization of the "Myilshicht" State Swine Farm. p. 41.
Znamenskii, A.A. - Building and putting into service six-row cow barns. p. 47.
Kormshchikov, P.A., Zvereva, M.I. - New concept of plant lignification. p. 50.
Kvitko, A.Z. - Fattening cattle on rations containing increased amounts of bagasse. p. 52.
Konsin, K.K. - Fattening bacon pigs on potatoes. p. 59.
Stopkevich, P.A. - Survivals of formalism in the typification of Red Steppe cattle. p. 62.
Petrukhin, M. I., Senin, I. E. - One thousand five hundred centners of milk per one hundred hectares of farm land. p. 65.
Olenev, V. - Improving milking parlors. p. 68.
Kavorin, F. A. - More on the use of self-feeders in swine feeding. p. 70.
Grebnev, N. V. - Defective judging methods. p. 71.
Kraak, E. - Effect of vitamin $B_{12}$ on the development of swine. p. 72.
Khmelev, A.D. - Productive animal husbandry in Argentina. p. 74.
Novikov, E.A. - "Transactions of Pushkino Scientific Research Laboratory for the Breeding of Farm Animals." p. 81.
Evdokimov, V.D., Matveenko, D.V., Mikheev, P.V. - "Transactions of Pushkino Scientific Research Laboratory." p. 83.

Maiorova, E.T. - Is this the right way of popularizing animal husbandry? p. 89.
Martin, I. - Rumanian readers on the periodical "Zhivotnovodstvo." p. 91.
Ivanskoi, M.I., Kulinich, V.G. - Our additions. p. 92.
In the K.A.Timiriazev Academy of Agriculture. p. 94.

c) FORESTRY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis, Institut lesa. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Forestry Institute. Transactions]. Tiflis, vol. 1, 1949. [Parallel texts in Georgian and Russian]

Table of contents translated:

Gulisashvili, V.Z. - Characteristics of virgin Oriental beech forests in eastern Georgia. p. 21.
Abashidze, IA.L. - Effect of ecologic factors on the growth and development of eucalyptus trees in western Georgia. p. 83.
Mirzashvili, V.I. - Problem of clear cutting in mountainous areas. p. 149.
Gulisashvili, B.G. - Calculating the gravity movement of logs on timber slides. p. 199.
Saradzhishvili, D.G. - Fruiting of pines in Georgia in relation to vertical zones. p. 221.
Chkhubianishvili, I., Tideman, N. - Gutta content of the root bark of Georgian spindle trees. p. 231.
Makhatadze, L. - Goridzhvari pine grove as a remnant of pine forests in the vicinity of the city of Gori. p. 241.
Mamisashvili, K. - Effect of early snow on some woody plants. p. 255.
(DA)

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Ministerstvo lesnoi promyshlennosti SSSR [Ministry of Forest Industries of the U. S. S. R.]. Moscow, vol. 34, no. 11, Nov. 1956.

Table of contents translated:

Vtorushin, N.P. - Workers of the Karelian lumbering industry are striving for the fulfillment of the first year's tasks of the sixth five-year plan. p. 1.
Kolodko, M.A. - Using new machinery at enterprises of the Southern Karelian Lumbering Trust. p. 4.
Pechorin, N. - Using Karelian truck cranes at landings. p. 6.
Turovskii, T. - Disseminating advanced practices in Karelia. p. 8.
Kul'bok, I.A. - Enlarged logging chance. p. 9.
Popruga, N. - My experience in skidding untopped trees. p. 12.
Smolich, V.A. - Operating a narrow-gauge locomotive. p. 13.
Domnitskii, V. - Self-unhooking of logs in mechanized bunching. p. 15.
Matveev, G.K. - Semitrailer single-runner sledge for skidding tree-length logs. p. 16.
Korunov, M.M. - Load capacity of ice on rivers and lakes and the transportation of lumber. p. 18.
Kositsyn, P.V., Gamaiunov, A.I. - Subassembly method in repairing machinery. p. 20.
Azarenko, V.A., Umnov, IU.N. - For basic improvement of lumber floating in Karelia. p. 23.
Bashmakov, G.P. - Problems of developing sawmilling in Karelia. p. 26.
Andreev, I.I. - Proper utilization of capital investments is an important factor in developing logging camps. p. 29.
Likhovidov, N. - Improve the organization and protection of labor in the lumber industry. p. 31.

LESNOE KHOZIAISTVO [FORESTRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 9, no. 11, Nov. 1956.

Table of contents translated:

Thirty-ninth anniversary of the Great Socialist October Revolution. p. 3.
Give all possible support to the young friends of the forest. p. 7.
Rozhkov, O.I., Grachev, A.G. - Kamyshin-Stalingrad State Shelterbelt has been completed. p. 10.
Ponomarev, A.D. - For gradual and selective cuttings in mountain forests of the Northern Caucasus. p. 21.
Ivanenko, B.I. - Mountains of the Northern Caucasus must remain green. p. 25.
Timofeev, V.P. - Regeneration of coniferous forests in the vicinity of Moscow. p. 29.
Anur'ev, S.N. - Furthering natural regeneration of forests in Archangel Province. p. 34.
IAkushenko, I.K. - Efficient method for the afforestation of White Russian sands. p. 37.
Mamaev, S.A. - Using radioactive phosphorus and sulfur isotopes for determining hereditary qualities in seeds. p. 40.
Zagalkevich, I.K., Efimov, G.A. - Timber beetles (Elateroides ermestoides L.), pests of the beech tree in the Carpathian Mountain region. p. 44.
Umnov, M.P. - Japanese bark beetle, a dangerous forest pest. p. 46.
Chirkov, A.V. - Business accounting in forest working circles. p. 48.
Trubnikov, M.M. - Our proposals. p. 55.
Gritsai, F.A. - Business accounting has become a reality. p. 60.
Deriabin, D.I. - D-174B brush cutter for the regeneration of stands. p. 62.
Ovsiannikov, I.V. - Small universal helicopter for the forest service. p. 66.
Dmitriev, A. - Comrade Shipulin is right. p. 70.
Gurko, A. - Protecting pine seedings from rodents. p. 71.
Kireev, M.I. - Co-operation between science and production. p. 72.
Miakotina, G.V. - Ways of cultivating soil in clear-cut areas for furthering natural regeneration. p. 75.
Chernyshev, I.A. - Airplane seeding of pine in the Urals. p. 80.
Improved methods for growing oak. p. 81.
Naumenko, I.M., and others. - Valuable contribution to forestry literature on forest management. p. 82.
Mirzoian, S.A. - The handbook "Forest pests." p. 83.
Pisarenko, A.I. - A.R. Vargas, a Russian forester. p. 84.
Poretskii, M.A., Perepechin, B.M. - With foresters of the German Democratic Republic. p. 86.
Gorshechnikov, V. - Original method and device for determining the density of stands. p. 92.
Antrushin, N.S. - Using IAK-12m airplanes in forest seeding. p. 95.
Ostashchenko, L.IA. - How we destroyed the gypsy moth. p. 95.
Gushchin, I.I. - A new series of "Sel'so" booklets - "Lesnik i ob"ezdchik." p. 96.

d) PLANT CULTURE

AKADEMIIA NAUK URSR, Kiev. Instytut fiziologii roslyn ta agrokhimii. Naukhnye trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Plant Physiology and Agrochemistry. Scientific Papers]. Kiev, no.1/2, 1948.

Table of contents translated:

Preface. p. 3.
Dushechkin, A.I. - Current tasks of research work in the field of agricultural plant physiology and agricultural chemistry. p. 5.
Vlasiuk, P.A. - Physiology of plant nutrition and agricultural chemistry during the thirty years of Soviet rule in the Ukraine. p. 23.
Dushechkin, A.I. - Enrichment of Chernozem and dark gray loam soils by a single application of phosphates as a road to radical improvement of soil fertility elements. p. 38.
Tiulin, A.F. - Developing the theoretical principles of soil chemistry as a prerequisite to efficient use of fertilizers. p. 42.
Demidenko, T.T. - Effect of the osmotic pressure of soil solution on the growth and yield of sugar beets. p. 54.
Vlasiuk, P.A., Lisovai, P.Z. - Effective use of organic and mineral fertilizers in increasing the yield of agricultural crops. p. 65.
Popov, V.P. - Physiological importance of periodical feeding of plants. p. 87.
Zavgorodnii, F.I. - Effect of potassium on the growth, yield, and composition of sugar beets. p. 105.
Demidenko, T.T. - Physiological principles of the space arrangement of sunflower and castor-oil plant in connection with mechanized field work. p. 126.
Demidenko, T.T. - Mineral nutrition of plants in connection with the clipping of roots. p. 133.
Popov, V.P., Popova, A.A. - Effect of the conditions of nutrition on the yield and quality of sweet sorghum. p. 146.
Sirochenko, I.A. - Effect of organic and mineral fertilizers on the yield and composition of sugar beets. p. 152.
Ostrovskaia, L.K., Okanenko, A.S. - Oxidation-reduction processes in plants fed with nitrogen in the form of nitrates and ammonium. p. 165.
Vlasiuk, P.A. - Improvement in the physiological properties, composition, and quality of sugar beet seeds under conditions of prolonged daylight. p. 198.
Mikhalovskii, A.G. - Effect of nutrition on the formation of the ear and the increase in yield of winter wheat. p. 210.
Vlasiuk, P.A., Klimovyts'ka, Z.M. - Oxidation enzymes in the seeds and germs of certain agricultural plants. p. 221.
Vlasiuk, P.A., Shkvaruk, M.M. - Organic matter discharged in the air by vegetable plants. p. 230.
Demidenko, T.T. - Effect of azotobacterin on the yield of the sunflower and castor-oil plant. p. 233.
Pochinok, Kh.N. - Determining caoutchouk and resin in individual kok-saghyz roots. p. 240.
(DA)

No. 3, 1951.

Table of contents translated:

Preface. p. 3.

Vlasiuk, P.A. - Teaching of the great transformer of nature Ivan Vladimirovich Michurin. p.6.
Vlasiuk, P.A., Lisoval, P.Z. - Increasing the effectiveness of plant fertilizing system. p.18.
Vlasiuk, P.A., Mel'nichuk, P.P. - Interrelationship between organic and mineral fertilizers given to root crops. p.68.
Vlasiuk, P.A., Klimovitskaia, Z.M. - The activity of oxidation and hydrolytic enzymes, dynamics of hydrocarbons, and accumulation of protein as affected by various plant nutrition systems in grassland-beet rotations. p.81.
Popov, V.P. - Crop varieties and fertilizers applied during the growth of the plants. p.100
Sirochenko, I.A. - Composition and quality of sugar beets. p.118.
Lisoval, P.Z. - Effect of various potassium fertilizers on sugar beet yield. p.131.
Vlasiuk, P.A., Vasilenko, A.L., Derevianko, S.I. - Effect of fertilizers on spring wheat yield. p.139.
Vlasiuk, P.A., Lisoval, P.Z. - Effect of various nutrition systems on the yield and quality of kok-saghyz. p.146.
Popov, V.P., Kolesnik, F.I., Derevianko, S.I. - Effect of fertilizers applied during the growth on the yield and biochemical characteristics of vegetable crops. p.155.
Vlasiuk, P.A., Bernshtein, I.M. - Utilizing brown coal of a high ash content and its by-products to improve the quality of manure. p.172.
Vlasiuk, P.A., Lendenskaia, L.D. - Amount of mobile forms of the trace element manganese in various soils of the Ukrainian S.S.R. p.178.
Maneikis, M.L. - Phosphorites of the Ukrainian S.S.R., their chemical composition and agrochemical characteristics. p.207.
Kukharenko, N.I. - Conversion of various forms of phosphorus fertilizers in certain soils of the Ukrainian S.S.R. as affected by placement methods. p.215.
Dushechkin, A.I., and others. - Effect of organic and mineral fertilizers on the yield of kok-saghyz and the accumulation of hydrocarbons and caoutchouk in it. p.231.
Okanenko, A.S., Ostrovskaia, L.K., Vyval'ko, I.G. - Effect of ammonium and nitrate nutrition on oxidation-reduction processes and the formation of caoutchouk in kok-saghyz. p.257.
Dovgan', V.A., Karas', M.N. - Effect of various lengths of the day on yield and variation in the quality of kok-saghyz supplied with nitrogen in the form of ammonium and nitrates. p.288.
Vlasiuk, P.A., Shkvaruk, N.M. - Agrophysiological characteristics of vegetable crops. p.300.
Sirochenko, I.A. - Colloid composition in normal sugar beet juices. p.311.
Demidenko, T.T., Popova, A.A. - Effect of the ionic correlations of soil solution and trace elements on the yield and the colloidal chemical composition of sugar beets and spring wheat. p.316.
Demidenko, T.T., IAstrembovich, N.I. - Effect of the osmotic pressure of soil solution on the growth and yield of sugar beets. p.334.
Demidenko, T.T., Galinskaia, M.S. - Effect of soil aeration on plant uptake of nutrients. p.345.
Popova, A.A. - Effect of mineral fertilizers on the development and yield of medicinal plants. p.351. (DA)

No. 4, 1951.
Table of contents translated:
Preface. p.3.
Vlasiuk, P.A. - Kliment Arkad'evich Timiriazev, a classical figure in Soviet agrobiology. p.5.
Vlasiuk, P.A. - Academician V.R. Vil'iams and his teaching. p.20.
Lazurskii, A.V. - Physiological causes of the increase in the drought resistance of cultivated plants under the effect of fertilizers. p.86.
Demidenko, T.T., and others. - Drought resistance of sunflour varieties. p.98.
Demidenko, T.T., Barinova, R.A., Kiseleva, V.V. - Studying drought resistance of the castor-oil plant. p.143.
Dovgan', V.A. - Water loss of makhorka plants during harvesting, depending on the variety and growing method. p.168.
Kalinin, F.L. - Effect of salinization on the early stages of growth and development of spring and winter wheat. p.172.
Mikhalovskii, A.G., Porutskii, G.V. - Effect of environmental conditions on the frost resistance of winter wheat. p.179.
Porutskii, G.V. - Yarovization temperature and colloidal properties of winter wheat. p.197.
Borzakovskaia, I.V. - Metabolism and winter hardiness of old clover populations. p.208.
Ostrovskaia, L.K., Korchagina, O.A. - Diurnal variations in the activity of catalase and peroxidase in kok-saghyz and beet leaves. p.220. (DA)

No. 5, 1952. Sistema udobrenila v travopol'nykh sevooborotakh [Fertilizing system in grassland crop rotations].
Table of contents translated:
Preface. p.3.
Vlasiuk, P.A. - Fertilizing system for agricultural crops in grassland rotations. p.5.
Lisoval, P.Z. - Effect of various fertilizing systems in grassland rotations on slightly Podzolic sandy soils. p.36.
Sirochenko, I.A. - Effect of a fertilizing system on crop composition and quality in grassland rotations. p.76.
Klimovitskaia, Z.M. - Effect of different fertilizing systems on the physiological and biochemical processes in plants of grassland rotations. p.92.
Manzon, V.D., Dzetsina, A.V. - Effect of different fertilizing systems on the activity of soil microflora in grassland crop rotations. p.109.
Vlasiuk, P.A. - Use of manganese fertilizers on various soils of the U.S.S.R. to increase the productivity of agricultural plants. p.123.
Lendenskaia, L.D. - Improving the nutrition of agricultural plants by means of the trace element manganese. p.142.
Bernshtein, I.M. - Effect of various fertilizing systems on soil nutrients in grassland crop rotations. p.159.
Khomenko, A.D. - Utilizing sorbents obtained from the by-products of the brown coal industry to improve plant nutrition. p.179.
Popov, V.P. - Fertilizing agricultural plants during growth. p.193.
Darmenko, M.S. - Increasing the yield of spring wheat. p.211.
Vlasiuk, P.A., Dobrotvorskaia, K.M. - Effect of fertilizers on the yield of perennial grasses. p.232.
Vlasiuk, P.A., Dobrotvorskaia, K.M. - Effect of fertilizers in crop rotation on the productivity and composition of perennial grasses. p.239.
Vlasiuk, P.A., Dobrotvorskaia, K.M. - Results of evaluating manure stored under aerobic and anaerobic conditions. p.269.
Vlasiuk, P.A., Dobrotvorskaia, K.M., Gornaia, V.IA. - Certain features of the nutrition of spring wheat. p.275.
Vlasiuk, P.A. - Effect of granulated fertilizers on the yield of various agricultural plants. p.280.
Vlasiuk, P.A, Kosmatyi, E.S., Lendenskaia, L.D. - Plant uptake of phosphorus as shown by the accumulation of radioactive isotope $P^{32}$. p.294.
Vlasiuk, P.A., Kosmatyi, E.S., Lendenskaia, L.D. - Effect of radioisotopes $P^{32}$ and $Zn^{69}$ on the growth and sugar content of sugar beets. p.300.
Vlasiuk, P.A., Kosmatyi, E.S. - Polarographic analysis and its use in agrophysiology. p.305. (DA)

No. 9, 1955. Fiziologiia pitaniia rastenii [Physiology of plant nutrition].
Table of contents translated:
Vlasiuk, P.A., and others. - Effect of small doses of ionizing radiation on agricultural plants. p.3.
Vlasiuk, P.A., Kosmatyi, E.S. - Biological synthesis of protein matter with the passage of phosphorus and sulfur from superphosphate into different organs of the clover plant. p.16.
Vlasiuk, P.A., Kosmatyi, E.S., Klimovitskaia, Z.M. - Participation of $C^{14}$, taken up by plants from soil carbonates, in the biosynthesis of carbohydrates. p.26.
Vlasiuk, P.A., Kosmatyi, E.S., Tonkal', E.A. - Movement of phosphoric acid from superphosphate granules into the soil and its absorption by plants. p.29.
Vlasiuk, P.A., Kosmatyi, E.S., Klimovitskaia, Z.M. - Studying metabolism in clover plants with the aid of radioactive sulfur. p.33.
Vlasiuk, P.A., Kosmatyi, E.S., Lendenskaia, L.D. - Distribution of radioactive phosphorus in sugar beets by phosphorus compound groups. p.39.
Vlasiuk, P.A., Kosmatyi, E.S. - Phosphorus exchange in sugar beets. p.43.
Ostrovskaia, L.K. - Physiological importance of copper and its use as a trace element fertilizer on peat soils. p.48.
Pochinok, Kh.N. - Determining the activity of peroxidase in plants by means of the guaiacol method. p.65.
Sirochenko, I.A. - Effect of potassium fertilizers on the total number of compounds and the amount of water-soluble nutrients in sugar beets. p.75.
Vlasiuk, P.A. - Effect of monilite shales on the growth, physiological and biochemical processes, and productivity of agricultural plants. p.88.
Dolia, V.S. - Effect of potassium fertilizers on the yield and quality of tomatoes. p.90.
Vlasiuk, P.A., Darmenko, M.S. - Effect of brown coal by-products on the increase in corn yield. p.104.
Vlasiuk, P.A., Derevianko, S.I., Pochura, A.L. - Improving plant nutrition with different forms of potassium fertilizers in irrigated fields. p.109. (DA)

KHLOPKOVODSTVO [COTTON GROWING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 6, no. 11, Nov. 1956.
Table of contents translated:
Let's carry out in time autumn and winter field work for next year's crop. p.1.
Urman, I. - Make wide use of [illegible] participants in the All-Union A[illegible] tion. p.5.
Savtenko, A. - Agricultural [illegible] of collective farmers. p.9
Karimov, I. - Means for [illegible] work at machine-tractor [illegible] Central Asia. p.12.
Gamburg, L., Chumanova, [illegible] covering the root of cotton [illegible] Umrov's crew. p.19.
Kosov, A. - Technical and [illegible] movable equipment in [illegible] p.23.
Khafizov, N. - Importance of [illegible] ing the economy of cotton [illegible] p.26.
Abdudzhalilov, A. - Our practice [illegible] timely fall plowing. p.31.
Chumachenko, I. - Times for applying [illegible] fertilizer to cotton on cotton [illegible] p.41.
Nomkova, N. - Some unsolved problems [illegible] cotton growing. p.37.
Maksudov, A., Vantushkin, [illegible] cotton on collective farms [illegible] tractor station. p.40.
Khalmurzaev, Kh. - What are the [illegible] 60x60 cm. space arrangement [illegible] p.42.
Kurbanov, A. - What prevents [illegible] 60x60 cm. space arrangement [illegible] p.44.
Sultanov, R. - It is important to [illegible] into consideration in selecting [illegible] p.46.
Miuko, D. - Introducing varieties [illegible] plants with fine-fiber qualities [illegible]
Radakov, G. - Checkrowing [illegible] lines. p.52.
Vol'kovich, N., Bakhtiarov, [illegible] checking on mechanical [illegible]

MOSCOW. VSESOIUZNYI NAUCHN[illegible] SKII INSTITUT ZERNA I PRODU[illegible] BOTKI. Trudy [ALL-UNION SCIENTIFIC INSTITUTE OF GRAIN AND GRAIN [illegible] Transactions]. No.30, 1954. Te[illegible] stva pshenits vostochnykh rai[illegible] properties of wheat in eastern [illegible]

No. 30, 1955. Mikroflora [illegible] simosti ot uslovii khraneniia [illegible] its changes due to the effect of [illegible]
Table of contents translated
Preface. p.3.
Nikitinskii, IA.IA. - Experiments [illegible] of moist wheat in silos with a [illegible] spheres. p.5.
Pod"iapol'skaia, O.P., Mir[illegible] of wheat and changes in it [illegible] temperature. p.13.
Pod"iapol'skaia, O.P. - How [illegible] coats affect the microflora [illegible]
Mikhalovskii, N.P., Pod"iapol'skaia, O.P. - How aeration affects the microflora of grain [illegible]
Pod"iapol'skaia, O.P., Naumova, A.T., Sosnina, T.M. - Effect of storage conditions on the microflora of cereals. p.79.
Mirzoeva, V.A., Pod"iapol'skaia, O.P. - Effect of temperature and humidity on the [illegible] portion of micro-organisms [illegible] p.114.
Drogalin, K.V. - Resistance of [illegible] tion used for controlling grain [illegible]

No. 31, 1956. Voprosy tekhniki i tekhnologii [illegible] zerna [Machinery and technique of [illegible]
Table of contents translated
Preface. p.3.
Tarutin, P.P. - Processing of [illegible] preparing wheat for milling. p.5.
Khusid, S.D., Dershak, V.P., [illegible] Effect of geometric parameters [illegible] surfaces of rolls on grain [illegible]
Kostel'man, N.IA., Kotliar, [illegible] face roughness of rolls on [illegible] grinding groats. p.31.
Gorbunov, B.M. - Spark machining [illegible]
Gortinskii, V.V. - Theory and calculation [illegible] mechanisms for cleaning [illegible]
TSetsinovskii, V.M. - Using [illegible] ing grain and products from [illegible] p.90.
Sosedov, N.I., Bronshtein, E.V. - [illegible] acteristics of buckwheat varieties [illegible] regions of the U.S.S.R. p.122.
Kreimerman, G.I. - Studying the [illegible] rollerless belt conveyors for [illegible] p.140.
Mamluin, I.E., Tarasevich, E.V., [illegible] Separability of mixtures of wheat [illegible] grain size. p.150.

SAD I OGOROD [HORTICULTURE]. Organ of [illegible] sel'skogo khoziaistva SSSR and [illegible] Agriculture of the U.S.S.R. and [illegible] Moscow, no. 10, Oct. 1956.

Table of contents translated:
"Orchard Week." p. 3.
Ushakova, E.I. - Methods in vegetable breeding and seed production. p. 6.
Pimakhov, F.S. - New varieties of tomatoes in Uzbekistan. p. 11.
Pas'ko, I.IA., Maklakov, V.P. - Continue growing local vegetable and vine crops. p. 13.
Peregudt, M.F. - Intervarietal hybridization of onions. p. 16.
Potapenko, M.T. - Gavrilovka variety of carrots. p. 19.
Mullaev, T.I. - Winter crop of cabbage in Daghestan. p. 20.
Skvirskii, M.B. - Eggplants in Chelyabinsk Province. p. 22.
Artem'ev, G.V. - Means of lowering the cost of producing early vegetables in the Far North. p. 23.
Itubanov, V.S. - Using TU spray in greenhouses. p. 28.
Petrov, A.P. - Method of storing onion and garlic. p. 28.
Neofitova, V.K. - White rot of tomatoes. p. 29.
Petrosova, M.A. - Vegetable gardening in the Netherlands. p. 30.
Shapoval, Z.I. - Fruit culture and viticulture in the Ukraine in the sixth five-year plan. p. 33.
Lozovskii, T.A. - Introduce the best local varieties of fruits in orchards. p. 34.
Lesiuk, E.A. - Apple varieties bred by I.S.Gorshkov. p. 36.
Maksimova, M.P., Gidaiatly, Z.A. - New apple varieties for the Azerbaijan S.S.R. p. 39.
Karamysheva, V. - Michurin apple varieties in Northwestern U.S.S.R. p. 41.
Guttev, G. - Subtropical fruits on the Black Sea coast. p. 42.
Berzin, A. - Frost-resistance of certain apple varieties. p. 46.
Enke, V.A. - Testing stocks for dwarf pear trees. p. 47.
Kuznetsov, P.A. - More attention to the cultivation of damson. p. 49.
Kompaniets, G.M. - Tillage practice in orchards. p. 50.
Slesareva, E.I. - Use of fertilizers in planting apple trees. p. 52.
Storozhov, N. - Selection of varieties for collective farm orchards. p. 54.
Makarovskii, V.P. - Restoration of old bearing pome fruit orchards. p. 55.
Ignatenok, F.V. - Subsurface drainage in orchards and parks. p. 56.
Zhilitskii, IA.Z., Markov, IU.A. - Cultivator attachment for irrigation furrowing. p. 58.
Ro, L.M. - Recollections of personal encounters with I.V.Michurin. p. 60.
Ilynov, F.A. - Tenth anniversary of the Michurin Society. p. 62.
Fedotova, T.K. - Lower the loss of fruit storage. p. 64.
Malvievskii, A.S. - Effect of hexachloran on the root growth of fruit trees. p. 65.
TSygankov, S.K. - Stem gall gnats and their control. p. 66.
Borisoglebskii, A.D. - A.S.Grobnitskii. p. 68.
Stepanov, P.A. - Fifty years of work in northern orchards. p. 69.
Grigorovich, D.A., IUrchishin, V.V. - Problems in the development of viticulture in the Dniestr Valley of the Ukraine. p. 70.
Makarov-Kozhukhov, L.N. - Accelerated training of grape vines. p. 73.
Brief notes. p. 75.
Calendar for vegetable growers, fruit growers, and viticulturists. p. 78.
Kudrevich, I.A. - Useful and interesting book. p. 79.

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINEMAKING IN MOLDAVIA]. Organ of Ministerstvo sel'skogo khoziaistva and Ministerstvo promyshlennosti prodovol'stvennykh tovarov Moldavskoi SSR [Ministry of Agriculture and Ministry of the Food Products Industry of the Moldavian S.S.R.]. Kishinev, vol. 11, no. 5(65), Sep.-Oct. 1956.
Table of contents translated:
Editorial: Develop fruit culture and viticulture in every possible way. p. 1.
Kozhokaru, N.S. - Our quince orchard is growing well. p. 3.
Gabelok, G.O., Gupshpun, A.S. - Fruit culture and viticulture in the area served by the Durloshtsk Machine-Tractor Station. p. 4.
Suprunenko, P.A. - Possibilities for producing more grafted grape vines. p. 8.
Malyshev, E.I., Zoll, IU.K. - A new interesting variety of cherries. p. 11.
Gupshpun, A.S. - Fig growing in southern Moldavia. p. 12.
Tymko, M.M. - Give the republic more nut plantations. p. 14.
Arasimovich, V.V., Vasil'eva, L.A. - Chemical composition of cherries. p. 17.
Alvazian, P.K. - Promising grape varieties. p. 19.
Naidenov, L.N. - Regulating the sugar content of grapes by means of fertilizers. p. 23.
Popova, N.A. - First phases of embryonic development in cherries. p. 25.
Dobrotlubskii, O.K., Slavvo, A.V. - Combined effect of trace elements of grapes. p. 26.
Negrul', A.M. - Viticulture in Chile. p. 30.
Karadzhi, G.M., Chemberdzhi, IA.S. - Improving table-grape varieties in France. p. 35.
Mel'nik, S.A. - Training graft-stock. p. 38.
Rudnev, N.M. - For a better assortment of wines. p. 43.
Beridze, G.I. - Georgian semisweet wines. p. 44.
Maslov, V.A. - Is sulfurous acid necessary in making brandies. p. 47.
Markh, A.T., TSviling, A.IA. - Chemical composition and quality of grape juices. p. 49.
Kolchin, E.M. - Systems and machinery for terrace construction. p. 51.
Kas'ian, S.D. - Movable platforms for picking fruit. p. 54.
Kalenik, A.V. - Checkrow planting in vineyards of the "Kolosovo" State Farm. p. 56.
Karpunin, N.S. - How we overcame our lag. p. 57.
Vereshchagina, V.V., Kiskin, P.Kh. - Effect of chemical treatment of plum trees. p. 59.
Kulikov, N. - "Problems in wine making" by A.A. Egorov. p. 61.
Prostoserdov, N.N. - "Georgian grape wines and brandies" by P.B. Azarashvili. p. 62.
Scientific conference of representatives of higher institutions. p. 63.
Society for furthering landscape work in the city of Kishenev. p. 64.
(DA)

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.] Moscow, no. 7, Sep. 1956.
Table of contents translated:
Exemplary deep plowing of sugar beet fields for the 1957 crop. p. 1.
Got', A. - For highly productive performance of combine-type beet harvesters. p. 5.
Maslo, D.I. - Our possibilities for developing beet growing. p. 8.
Davydov, L.I. - In the Kuban. p. 12.
Shimichev, A.I. - Let's increase the production of sugar beets and sugar. p. 18.
Liushits, M.A. - Ways of raising the productivity of labor in growing sugar beets. p. 21.
IAtsenko, V.G. - Effect of deep plowing on sugar-beet yields. p. 26.
Snytko, A.I. - Effect of foliar application of trace elements on the sugar content of sugar beets. p. 28.
Kolomiets, O.K. - Monospermous sugar beet. p. 29.
Arnaut, A.M. - Expand the production of sugar-beet seeds. p. 36.
Koron'kov, V.A. - Continuous operation in harvesting sugar beets with the SPT-3 combine. p. 40.
Kalaida, D. - Depth of silos for storing mother-beet roots. p. 45.
Rozon, G. - Some problems of beet growing in Bulgaria. p. 46.
(DA)

No. 8, Oct. 1956.
Table of contents translated:
Let's harvest sugar beets without losses and supply the country with more sugar. p. 1.
Liashenko, E.G. - The contribution of science to production. p. 6.
Savchenko, A.N. - Our calculations for supplementary pay. p. 10.
Dubko, Z.A. - Agronomist Lidiia Trofimovna Kulish. p. 14.
Baev, A.I. - Ways of lowering the cost of sugar-beet production. p. 18.
Kriuchenko, A.T., Tikenko, A.G. - Spend less time in delivering sugar beets to procurement points. p. 22.
Drobnitskii, G.K. - Some problems pertaining to crop cultivation practices in seed production. p. 26.
Alekseeva, E.N. - Effect of wider spacing of plants on the chemical composition of sugar beets. p. 30.
Rozhdestvenskii, I.G. - Importance of various types of nitrogen fertilizers. p. 35.
Ocherotianyi, V.A. - Improved quality of seeds is the basis for increased sugar-beet yields. p. 39.
Zosimovich, V.P. - Basis for accelerated propagation of better sugar beet varieties. p. 43.
TSolykovskii, P.G. - High sugar-beet yields in Bashkiria. p. 47.
(DA)

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serlia Kartofel' i ovoshchi [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on the Potato and Vegetables]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 12, Dec. 1956; no. 1, Jan. 1957.
(DA)

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serlia Tekhnicheskie i maslichnye kul'tury [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on Technical and Oilseed Crops]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 7, 12, July, Dec. 1956.
(DA)

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Serlia Zernovye i kormovye kul'tury [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Series on Grain and Forage Crops]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 12, Dec. 1956; no. 1, Jan. 1957.
(DA)

UDOBRENIE I UROZHAI [FERTILIZERS AND CROPS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR and Ministerstvo sovkhozov SSSR [Ministry of Agriculture of the U.S.S.R. and Ministry of State Farms of the U.S.S.R.]. Moscow, vol. 1, no. 11, Nov. 1956.
Table of contents translated:
Gaus, G.P. - Fertilizers at the All-Union Industrial Exhibition. p. 3.
Potashov, A.I. - Advanced practices of collective and state farms in using fertilizers. p. 6.
Shevelev, M.P., Perepelitsa, V.M. - System for using fertilizers in a crop rotation on leached Chernozems of the central Chernozem region. p. 12.
Brazhnik, P.A. - Amount and proportions of fertilizers in crop rotations which include sugar beets. p. 20.
Finkel'shtein, M.IA. - Increasing the effectiveness of organomineral fertilizer mixtures. p. 27.
Turchin, F.V. - Prospects for using neutralized ammonium nitrates in the Chernozem region of the U.S.S.R. p. 30.
Mazaeva, M.M. - Serpentinites as magnesium fertilizers. p. 38.
Muzychkin, E.P. - Utilization of mineral fertilizers by corn. p. 41.
Vlasiuk, P.A., Lisoval, P.Z. - Using kalussite for clover and sugar beet. p. 46.
Tovmasian, A.S. - How fertilizers applied to the cover crop affect yields of perennial grasses. p. 50.
Kochetova, E.A. - Experience in liming acid soils on collective farms of the area served by the Vizinga Machine-tractor Station, Komi A.S.S.R. p. 53.
Ero[illegible]enkov, I.A. - Implement for piling manure. p. 57.
Ponomareva, A.T. - Effectiveness of bacterial fertilizers on new and old lands of Kazakhstan. p. 59.
Zhurbitskii, Z.I. - Conference on vegetable growing. p. 60.
IAkovleva, V.V. - Trace elements in agriculture. p. 62.
Bibliographical reference on agricultural chemistry. p. 64.

## 16. TECHNOLOGY

### a) GENERAL

ERIVAN. POLITEKHNICHESKII INSTITUT. Sbornik nauchnykh trudov [POLYTECHNIC INSTITUTE. Collected Scientific Works], No. 10, 1956. Mashinostroenie [Machine building], no. 2, pt. 2.
Table of contents translated:
Avanesian, T.G. - Crystalline structure of elements forming negative ions. p. 3.
Gazarov, A.T. - Synthesis of equal-arm crankgear mechanisms for automatic two-stroke cold upsetting machines. p. 9.
Minasian G.S. - Relation between specific cutting forces and the radius of cutting-edge curvature in milling cast iron. p. 19.
Sarkisian, K.A. - Calculating the deflection of flat broaches. p. 29.
Grigorian, G.P. - Characteristics of surface layer formation in machining steel workpieces. p. 39.
Zakharian, R.O. - Errors in grinding and setting of spiral drills. p. 53.
Vartanian, M.E. - Effect of cutting conditions on the durability of machine parts subjected to repeated static loads. p. 73.
Bagdasarian, Zh.A. - Size and deformations of chips during metal grinding. p. 87.
Vardanian, L.E. - Effect of the scale of production on the selection of production pocesses used in the machinery industry. p. 101.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Published by Gosudarstvennoe izdatel'stvo po standartizatsii [State Publishing House on Standardization]. Moscow, vol. 17, no. 11, 1956.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Computer Engineering]. Nos. 32-38, Aug.-Sep. 1956; nos. 1-3, Jan. 1957.

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT. Nauchnye trudy [POLYTECHNIC INSTITUTE. Studies]. Erivan, vol. 26(40), 1955.

Table of contents translated:

Zhuravlev, P. V. - Guarantee of safe operation of ventilators in complex systems. p. 3.
Makhin, P. A. - Determining the optimum and minimum angles for blasting hole openings. p. 10.
Frolov, M. A. - Designing ventilation openings. p. 17.
Gontar', N. V. - Kinematics and dynamics of the working part of the coal loading machine. p. 37.
Mikhailov, V. G., Kharlamov, V. I. - Experiments in drilling holes in iron ore. p. 52.
Gavrishin, I. I. - Starting mine ventilators. p. 64.
Khrisokhoidi, K. A. - Sectional extensible buckets for trench excavators. p. 71.
Klechanovskii, A. A. - Approximate determination of the focal ratio of moments for systems with many closed contours. p. 77.
Durov, I. S. - Computing shrinkage in reinforced concrete structures. p. 87.
Vorob'ev, L. N. - Effect of the shear of the inner surface on the intensity of deformations and stresses in thin-walled rods with open cross section and nondeformable contour. p. 92.
Vorontsov, G. V. - Calculating the stability of complex frames by breaking them down into simple equistable units. p. 112.
Vorob'ev, L. N. - Solving a plane problem for rectangular orthotropic plates in the theory of elasticity. p. 120.
Vorontsov, G. V. - Determining the frequency of free vibrations of complex structures by breaking the structures into series of units with equal frequencies. p. 132.
Popov, G. I. - Stratigraphy of Quaternary deposits in the Black Sea - Caspian Basin (Manych strait). p. 151.
Verbichev, K. Kh. - Interaction of granite and roof rock formations. p. 166.
Kobilev, A. G. - Relationship of tectogenesis to lithogenesis based on the analysis of profiles of pay formations in the Donets Basin. p. 173.
Puninskii, P. V. - Determining the length of workings to reach the deposits. p. 186.
Borisov, I. I. - Magnetic properties of sedimentary rocks. p. 191
Borisov, I. I. - Electromagnetic method for orientation of cores. p. 197.
Golubintsev, O. N. - Determining the coordinates of measurement points for boreholes. p. 206.
Nemirovskaia, A. F., Petrashen', V. I. - Colorimetric determination of tungsten using methyl violet. p. 237.
Anan'evskaia, M. P., Petrashen', V. I. - Colorimetric determination of mercury using methyl violet. p. 246.
Durov, S. A. - Origin of the Narzan sulfate mineral waters. p. 252.
Perov, E. V. - Clarification rate of caustic soda solutions in relation to the temperature of lime calcination. p. 265.
Pechkovskii, V. V. - Investigating the process of oxidizing roasting of sulfide ore. p. 268.
Ryshkina, T. A., Radushev, V. I. - Composition of precipitates settling in the distiller during soda ash production. p. 276.
Vlasov, P. M. - Investigating the effect of scavenging on the operation of low compression four-cycle engines. p. 371.
Antoniuk, V. I. - Investigating ceramic-tipped cutting tools. p. 385.
Lyshevskii, A. S. - Determining the jet length of atomized fuel. p. 391.
Kutukov, A. A. - Impact phenomena in maltese mechanisms. p. 402.
Stroeva, K. M. - Effect of cobalt on the properties of cast high-speed steel. p. 413.
Abramovich, S. V. - Principal deformation lines on the inner surfaces of shells. p. 431.
Gekht, B. I. - Solvability of nonlinear singular integral and integro-differential equations by the method of successive approximation. p. 436.
Natalevich, V. K. - Nonlinear boundary value problem in analytic functions. p. 455.
Ar'ev, A. M. - Method for measuring dielectric and magnetic characteristics. p. 460.
Lozovskii, V. N. - Method for the magnetic analysis of ferromagnetic components in rocks. p. 467.
TSareikin, B. M. - Determining the relative heat conductivity of metal specimens. p. 473.

PROFESSIONAL'-NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Glavnoe upravlenie trudovykh rezervov [Main Administration of Labor Reserves]. Moscow, vol. 13, no. 11(138), Nov. 1956.

Table of contents translated:

New elements in the training of machine operators. p. 1.
Fedorova, Z. - Use originality in solving educational problems. p. 3.
What was discussed at the conference. p. 6.
Honors for the best teachers. p. 8.
Eterloi, N. - Strengthen the technical schools. p. 10.
Nikol'skii, D. - The construction of machinery operations. p. 13.
Krymskii, I. - Precision casting. p. 15.
Emel'ianov, V. - Tending an open-hearth furnace independently. p. 17.
Kostenko, A. - An expert's initiative. p. 19.
Burbello, O. - Teaching the fundamentals of agronomy. p. 21.
Dorgatov, R. - The students' contribution. p. 23.
Kozorovitskaia, A. - On friendly terms with books. p. 24.
Maaring, A. - School sports. p. 27.
Kulichenko, V. - All-Union contest for the best visual aid. p. 29.
Solov'ev, V. - Technical education rooms in factories. p. 30.
Information. p. 32.

RATISBON. UKRAINS'KYI TEKHNICHNO-HOSPODARS'-KYI INSTYTUT. Naukovyi biuleten' [UKRAINIAN TECHNICAL INSTITUTE. Scientific Reports]. Regensburg, no. 41/42, 1955. [In Ukrainian.]

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy (Sbornik statei) [URAL POLYTECHNIC INSTITUTE. Transactions (Collected papers)]. Moscow, no. 50, 1956. Tekhnologiia mashinostroeniia [Technology of machine construction].

Table of contents translated:

Preface. p. 3.
Solonin, I. S. - Statistical investigation of precision and finish of cast-iron and steel surfaces machined by hard-alloy reamers. p. 6.
Spiridonov, A. A. - Problems of surface layer alloying while machining the steel by electric sparks. p. 66.
Sharin, IU. S. - Shrinking of shavings in case of wide-range variations in feeding and cutting depths. p. 69.
Sharin, IU. S. - Relation of longitudinal shrinking of shavings to shrinking in width and depth during metal cutting. p. 95.
Borovskikh, I. I. - Boring conjugate and coaxial holes. p. 118.
Konovalova, N. I., Verber, N. Z. - Lathe operations on "Getinaks," a laminated plastic material. p. 131.
Shif, I. M. - Principles of involved kinematics in threading by two rollers (axial shifts). p. 140.
Shif, I. M. - Quality of the thread surfaces formed by two rollers. p. 171.
Partenskii, B. M. - Investigation and correction of errors in the kinematic links of machine tools. p. 194.

TEKHNIKA MOLODEZHI [TECHNOLOGY FOR YOUTH]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 24, no. 11, Nov. 1956.

Table of contents translated:

Motylev, A. - Great achievements in figures and tables. p. 2.
Brief correspondence. p. 6.
Expanding the boundaries of our knowledge. p. 8.
Budantsev, IU. - New screens, new possibilities. p. 10.
Are we not on the eve of radical changes in photography and printing? p. 12.
Youth in machine shops and laboratories. p. 15.
Zakharchenko, V. - Italy. p. 16.
Sandomirskii, I. - Ceramic cutting [illegible]. p. 18.
Polejaev, P. - Proceed, manage, [illegible]. p. 21
Did Atlantis really exist? p. 22.
Signal is given! We are receiving answers. p. 25.
Teplov, L. - From goose quill to [illegible]. p. 28
Around the world. p. 29.
Bulanov, A. - Creations of human [illegible]. p. 30.
Curious facts. p. 30.
Vadilo, P. - Nonshrinking casting. p. 31.
Savchenko, Vi. - Professor Berin's [illegible]. p. 31
Order desk. p. 36.
Smirnov, M. - Black mirror. p. 37.
Inaudible sounds, the antipode of [illegible]. p. 38.
Useful advice, Once upon a time. p. 39.
Contemporary. p. 39.

ZHURNAL TEKHNICHESKOI FIZIKI [Journal of TECHNICAL PHYSICS]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 26, no. 10, Oct. 1956.

Table of contents translated:

Lebedev, A.A., Stafeev, V.I., Turkevich, V.M. - Some properties of diodes made of [illegible] with gold additives. p. 2131.
Rzhanov, A.V., Nelzvestnyi, I.G., Rostlakov, S.V. - Investigation of surface conduction and [illegible] combination in germanium specimens. p. 2145.
Elpat'evskaia, O.D., and others. - [illegible] crystal structure of HgSe - HgTe solid solution systems. p. 2154.
Gorlunova, N.A., Grigor'eva, V.N. - [illegible] solenoids. p. 2157.
Falinskiein, S.M., Fistul', V.I. - [illegible] micromixtures on the surface of [illegible]. p. 2163.
Kaplunova, E.I., Tolpygo, K.B. - Kinetics of photoelectromotive force in [illegible] metal electrodes. p. 2165.
Gubanov, A.I. - Theory of [illegible] conductors. p. 2170.
Umarov, S.U., Gurvich, L.G. - Theory of metal-semiconductor contacts. p. 2179.
Klingor, M.I., Novikova, V.G., Agarkova, V.K. - Calculation of the Hall and Nernst effects in [illegible] with an admixture zone. p. 2185.
Dashirov, R.I., TSidil'kovskii, I.M. - Nernst-Ettingshausen effect in germanium. p. 2194.
Ionov, N.I. - Surface ionization of [illegible] and cesium chloride molecules in an [illegible] field. p. 2200.
Vol'kenshtein, M.V., Ptitsyn, O.B. - Relaxation theory of vitrification. Part 1. Solution and analysis of the fundamental equation. p. 2204.
Shul'man, A.R., Miakinin, E.I. - Secondary electron emission of nickel and molybdenum as a function of the energy of primary electrons. p. 2223.
Mandel'shtam, M.IA. - Back corrosion in [illegible] condenser-type instruments. p. 2234.
Kevrolova, K.M. - Electric strength of [illegible] crystals subjected to direct, alternating and pulse voltages for a duration of $10^{-3}$ - $10^{-7}$ sec. p. 2241.
Koikov, S.N., TSikun, A.N. - Electric strength of thin layers of aluminum oxide. p. 2248.
Kozlovskii, V.Kh. - Dielectric losses in [illegible] phous structures. p. 2254.
Shpinel', V.S., Grois, O.Sh. - Vertical focusing in the helical beta spectrometer. p. 2259.
Vorob'ev, IU.V. - Scattering patterns in electrostatic immersion lenses. p. 2269.
Shtopa, N.I. - Curvature radius technique for the graphic analytic plotting of charged particle trajectories in electrostatic fields. p. 2281.
Vol'kenshtein, M.V. - Internal rotation in polymer chains and their physical properties. Part 4. Theory of fusion of crystal polymers. p. 2287.
Liast, L.TS. - Mechanism of relaxation dielectric losses in crystals with polar molecules. p. 2295.
Shinianskii, L.A., Solon'ko, V.N. - Absorption of ultrasonic vibrations considered as a characteristic of the elastic properties of rubber. p. 2302.
Martynovskii, V.S., Alekseev, V.P. - Investigation of the vertical temperature-distribution effect in gases and vapors. p. 2303.
Chernobyl'skii, I.I., Tananaiko, IU.M. - Heat exchange during the boiling of liquids in an annular space. p. 2310.
Storman, L.S., Stiushin, N.G., Morozov, V.G. - Investigating circulation rate and critical thermal flux dependence. p. 2322.
Ishkin, I.P., Kaganer, M.G. - Investigation of the thermodynamic properties of air and nitrogen at low temperatures under pressure. Part 1. Determination of the isothermal choke effect for air and nitrogen. p. 2329.
Ishkin, I.P., Kaganer, M.G. - Investigation of the thermodynamic properties of air and nitrogen at low temperatures under pressure. Part 2. Thermodynamic phase diagrams for air and nitrogen. p. 2336.
Dokuchaev, N.F. - Thermohygrometric method for determining vapor concentration in boundary layers. p. 2348.
Khavkin, L.P. - Theory of the ionization [illegible]. p. 2356.
Orlov, S.I. - Theory of inhomogeneous [illegible] lines. p. 2361.

Veinberg, V.D., Mal'tsev, IU.V. - Conversion of radiation into electricity. p. 2373.
Pines, B.IA., Sirenko, A.F. - Some regular patterns in the mechanical properties of specimens produced by sintering metal powders. Part 2. Tests at elevated temperatures. p. 2378.
Pines, B.IA. - Critical remarks on Williamson and Smallman's paper "The use of Fourier analysis in the interpretation of X-ray line broadening from cold-worked iron and molybdenum." p. 2387.
Vasil'ev, D.M. - Angular X-ray photography for measuring macrostresses. p. 2389.
Maslakovets, IU.P., and others. - P-silicon photoelectric solar energy converters. p. 2396.
Sinani, B.S., Gordiakova, G.N. - $Bi_2Te_3$ - $Bi_2Se_3$ solid solutions used as a material for thermoelements. p. 2398.
Matskevich, T.L. - Secondary electron emission of NaBr single crystals. p. 2399.
Kubanskii, P.N. - Causes of acoustic flow and the role of pressure value gradients of acoustic radiation. p. 2400.
Kats, M.IA., Kukavadze, G.M., Serdiuk, R.L. - Coefficients of distribution between liquid and vapor HCl, determined by means of chlorine isotopes. p. 2401.

## b) AERONAUTICS

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 7, no. 8, Aug. 1956.

Table of contents translated:

Resolutely eliminate shortcomings in the development of airplane modelmaking. p. 1.
Belanovskii, A. - High discipline is a guarantee of success in battle and training. p. 2.
Glushkov, I. - New high altitude parachute for sport and training. p. 4.
Troflmov, E. - Parachute jump into the sea. p. 6.
Kuřeravy, V., Maršalek, J. - Parachute jumping as a sport in Czechoslovakia. p. 8.
Kurultov, V. - Gliders depart from the auto-tow takeoff. p. 10.
Voronin, A. - More attention to preparatory and preflight training. p. 12.
Ermakov, A. - International competition of airplane model makers in Hungary. p. 13.
Sladki, I. - Designing guided high-speed models. p. 16.
Dobronravov, V. - Artificial earth satellite. p. 19.
Aircraft technology abroad. p. 23.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 65, 1956. Nekotorye voprosy teorii i rascheta elementov radiopriemnykh ustroistv [Some problems of theory and design of parts for radio receivers].

Table of contents translated:

Foreword. p. 3.
Belousov, A.P. - Separating a high-frequency signal and noise during detection. p. 5.
Protopopov, A.S. - Power relationships during detection of noise and signal in the same place. p. 30.
Belousov, A.P. - Calculation of a full autotransformer input circuit based on ultrahigh frequencies. p. 72.
Vol'pian, V.G. - One input circuit scheme for receivers. p. 87.
Protopopov, A.S. - Calculations for an amplifier circuit loaded on a coordinated line. p. 114.

No. 70, 1956. Issledovanie nekotorykh voprosov tekhnologii mashinostroeniia [Investigation of some problems in the engineering aspects of machinery construction].

Table of contents translated:

Preface. p. 3.
Evstigneev, M. I. - Basic parameters of generating racks used for cutting circle-arc spur gear teeth. p. 5.
Morozov, I. A. - Investigating the temperature fields in metals during cutting. p. 10.
Podzei, A. V., IAkimov, A. V. - Dynamics of gear grinding and its effect on precision in machining gear wheels. p. 44.
Shmanov, V. A., TSukanov, I. S. - Investigating the rigidity of pedestal-type vertical milling machines. p. 57.
Nikitin, A. N. - Investigating the process of cutting high-precision internal threads. p. 84.
Zakharov, S. N. - Investigating the effect of defects in tight thread components on forces exerted in screwing and on the quality of thread engagements. p. 113.

No. 71, 1956.

Title translated:

Kishkin, S. T., Sulima, A. M., Stroganov, V. P. - Investigating the effect of cold working on the mechanical properties and the structure of EI437A alloy. 85 p.

Title transliterated: Kishkin, S. T., Sulima, A. M., Stroganov, V. P. - Issledovanie vliianiia naklepa na mekhanicheskie svoistva i strukturu splava EI437A. 85 p.

MOSCOW. AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No. 29, 1956. Issledovaniia v oblasti glubokoi vytiazhki metallov [Studies in the field of deep drawing of metals].

Table of contents translated:

Preface. p. 3.
Gorbunov, M. N., Popov, O. V., Katkov, V. F. - Preheated drawing of sheet metals. p. 5.
Klhucharev, N. A., Gorbunov, M. N. - Deep drawing of low-carbon sheet steel and brass employing flange preheating. p. 26.
Ganelin, I. N. - Characteristics of flange stability conditions in preheated deep drawing and the effect of varying pressures on the blank. p. 38.
Popov, O. V. - Determination of forces exerted in the deep drawing of hollow articles. p. 62.
Katkov, V. F. - Investigation of processes used in the deep drawing of articles of intricate shape. p. 77.
Popov, O. V. - Method of calculating and designing blank shapes used in the preheated deep drawing of box-like articles. p. 106.
Gorbunov, M. N. - Determining technological parameters for the process of bending with elongation. p. 112.

VOPROSY RAKETNOI TEKHNIKI; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 6, no. 6(36), 1956.

## c) CHEMICAL TECHNOLOGY

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR, Ministerstvo kommunal'nogo khoziaistva RSFSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R., the Ministry of Communal Economy of the R.S.F.S.R., and the Scientific and Technological Society of the Electric Power Industry]. Leningrad, no. 6, June 1956.

Table of contents translated:

Velikovskii, A. S., Kozlov, A. L. - Precise measurement of pressure at the mouth of gas wells. p. 1.
Gurvich, A. M., Saar, IU. E. - Investigating the process of shale dust gasification. p. 5.
Matveev, V. A., Grodskii, IA. S., Bakshi, R. A. - Improving individual elements of gas producing stations. p. 11.
Karlinskaia, M. I., Sinitagina, M. N. - Telemechanization of city gas supply systems. p. 15.
Bersenev, I. S. - Automatic control of gas pressure at city regulating stations. p. 21.
Voselago, A. D. - Underground gas storage. p. 28.
Breklman, M. S., Gorodetskii V. I. - Electric generating installation for feeding cathodic protection stations for gas pipelines. p. 31.
Kel'tsev N. V. - Determining the content of hydrocarbons and moisture adsorbed by activated carbon. p. 34.
High-heating-valve gas produced from agricultural wastes. p. 35.
Operation of compressor cylinders without water cooling. p. 37.
Bibliography. p. 39.

KHIMIIA I KHIMICHESKAIA TEKHNOLOGIIA; perevody iz inostrannoi periodicheskoi literatury [CHEMISTRY AND CHEMICAL TECHNOLOGY; Translations from Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 7, nos. 11(82)-12(83), 1956.

KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Ministerstvo chernoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, no. 7, 1956.

Table of contents translated:

Speranskaia, G.V., Skvortsov, IU.M. - New coking method for producing metallurgical fuel from coals with low caking power of the Cheremkhovo deposits. p. 3.
Zashkvara, V.G. - Crushing and grinding coals. p. 7.
Kuznetsov, M.D., Eidel'man, E.IA. - The quality of coke in connection with grains larger than 6 mm contained in a blended coal charge. p. 11.
Fridman, A.I. - Uniformity of qualitative standards for blended coal charges. p. 11.
El'iashevich, M.G. - Intensified flotation enrichment of coal fines. p. 12.
Arkhipov, G.N., Litvinov, A.M., Semenson, A.P. - Arrangement for utilizing waste heat of coke-oven standpipes. p. 18.
Khalabuzar, G.S. - Uniflow coke ovens with recuperators in place of regenerators. p. 20.
Lerner, R.Z. - Conference on smokeless charging of coke ovens. p. 23.
Leibovich, R.E. - Determining temperature stresses during the heating of coke. p. 25.
Comments on the article of R.Z.Lerner "Changing the coking unit layout for a considerable increase in the number of ovens per battery." p. 28.
Faingol'd, S.G., Shevchenko, A.I. - Final cooling of gas in connection with the use of tar for removing naphthalene from water. p. 32.
Nosalevich, I.M. - Vapor-liquid balance in the rectification of coal tar. p. 37.
Kotlik, B.E., Smyslova, A.I. - Rapid method for determining phenols in phenolates. p. 41.
Cherkasov, N.Kh., Kruglova, F.L., Detkova, E.A. - Determining free acidity of pyridine sulfate by the potentiometric method. p. 43.
Bron, IA.A. - Suggestions of the interplant school of workers of continuous tar-processing sections. p. 44
Shabadash, N.Z. - Simplify the wage system for workers employed in the basic production sections. p. 47
Gurevich, L.E. - Planning electric energy consumption in by-product coking plants. p. 49.
Toptygin, L.A. - Collecting and purifying vapor condensate in by-product coking plants. p. 51.
Levin, E.B. - Production and consumption of coke-oven products in the United States. p. 54.
Litvinenko, M.S. - Present-day methods for removing hydrogen sulfide from coke-oven gas in foreign countries. p. 56.
E.Ch. - Laboratory investigation of coke-oven dinas brick containing iron oxides. p. 61.
Fedor Aleksandrovich Merkulov; obituary. p. 62.
Levantovich, I.A., Novikov, A.A. - Increasing the productivity of the preliminary rectifying column. p. 63.
Bykovskii, IA.F. - Conversion of fractional columns to operation with reflux. p.3 of cover.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Published by Ministerstvo promyshlennosti prodovol'stvennykh tovarov SSSR [Ministry of the Food Products Industry of the U.S.S.R.]. Moscow, vol. 22, no. 7, 1956.

Table of contents translated:

Collective drive and contest for the introduction of inventions, technical improvements and efficiency suggestions in mills of the Russian Office of Vegetable Oils and Fats under the Ministry of the Food Products Industry of the R.S.F.S.R. p. 1.
Galushkina, N.A. - Some problems of labor productivity in the oil industry of the Uzbek S.S.R. p. 4.
Perfume industry at the All-Union Industrial Exhibition. p. 8.
Lesiuis, A.A. - Storage of oil-rich sunflower seeds. p. 12.
Rubtsov, V.K., Vaintsvaig, S.K., Volchek, L.S. - Standard storages for oilseeds. p. 13.
Klepikov, V.G., Ivanov, V.A., Mrykhin, N.I. - Processing cottonseeds without removing hulls at the Uch-Kurgan Oil Extraction Plant. p. 15.
Tiutiunnikov, B.N., Perchenko, A.A. - Effect of permanganate in accelerating the oxidation of paraffin with oxygen of the air. p. 20.
Nevolin, F.V. - Investigating polypropylene benzene sulfonates as washing powders. p. 24.
Bezzubov, L.P. - Possibilities for utilizing fatty acids of sperm whale blubber. p. 25.
Pokhlebalova, L.P., Shatskaia, N.I. - New method for determining zinc stearate in powder. p. 27.
Bespiatov, M.P., Preobrazhenskaia, E.A., Polstianoi, V.I. - TNB apparatus for continuous carbonate saponification of split fats. p. 29.
Bykhman, M.M. - Stuffing box for centrifugal pumps. p. 30.
Gryzlov, G.L. - Device for removing particles of oilseed meats, oil dust and film from husks. p. 32.
Beloborodov, V.V. - Work practice of the oil industry of the Chinese People's Republic. p. 33.
Continuous De-Smet extraction installation. p. 36.
Review of magazine articles on the oils and fats, perfume and cosmetics industries. p. 38.

STEKLO I KERAMIKA [GLASS AND CERAMICS]. Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Manufacturing Industry of the U.S.S.R.]. Moscow, vol. 13, no. 10, Oct. 1956.

Table of contents translated:

Botvinkin, O.K., Shpil'kov, E.M. - Mechanics of glass formation. p. 1.
Speed up the mechanization of industrial processes in ceramic and brick industries. p. 6.
Kitaigorodskii, I.I. - Fourth International Congress on Glass in Paris. p. 7.
Vidro, L.I., Gorelova, M.N., Velikanova, E.I. - Satisfactory conditions for the primary annealing of glass parts. p. 10.
Trukhanov, F.I. - Soundproof chamber for ball mills. p. 12.
Lipman, D.A., Mazo, R.I. - Automatic feed regulator for ball mills. p. 14.
Antonevich, N.K. - Filter analysis of ceramic suspensions. p. 17.

Syrkin, IA.M., Bernshtein, L.A., Kiseleva, K.M. - The use of vacuum filters for dehydration of ceramic dross. p. 22.
Gal'perina, M.K., IAkovleva, M.E. - Black glazes for facing tiles. p. 26.
Taub, M.L. - Work is organized in a new way. p. 29.
Melamed, S.M. - Mechanism for hoisting ceramic pipes. p. 32.
Inorganic lubricators for glass fiber. p. 32.
Rubber filter press plates. p. 32.

d) CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA NAUK URSR, Kiev. Instytut budivel'noi mekhaniky. Sbornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Structural Mechanics. Collected works], Kiev, no. 21, 1956. Voprosy prochnosti i ustoichivosti stroitel'nykh konstruktsii [Stability and strength of construction elements].

Table of contents translated:

Preface. p. 3.
Mazurmovich, Z.N. - General equation for stability and strength of thin-walled curved bars. p. 5.
Strel'bitskaia, A.I. - Investigating the action of thin-walled channel bar sections beyond the elastic limit. p. 14.
Trofimovich, V.V. - Strain of steel trussed stringer in the elastic-plastic stage under immobile and mobile loads. p. 27.
Amiro, I.IA. - Determining temperature stress in case of a plane problem of the theory of elasticity. p. 44.
Varvak, P.M., Guberman, I.O. - Calculating rectangular plates with fixed edges. p. 51.
Gumeniuk, V.S. - Approximate calculation of orthotropic plates. p. 69.
Dlugach, M.I. - Calculating fixed beams-walls. p. 81.
Beliankin, F.P., Kolenchuk, K.I., IAtsenko, V.F. - Long-term strength of wood. p. 103.
Kolenchuk, K.I. - Effect of locally applied loads on the supporting power of compressed wooden bars. p. 115.
IAtsenko, V.F. - Considering plastic deformations in calculating deflection of wooden bars. p. 119.
Dissertations defended in the scientific council of the Institute of Structural Mechanics in 1953 and 1954. p. 134.

AKADEMIIA NAUK URSR, Kiev. Instytut hidrologii i hidrotekhniky. Izvestiia [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Hydrology and Hydraulic Engineering. Bulletin], Kiev, vol.14(21), 1956. Gidravlicheskie i gidrotekhnicheskie issledovaniia i raschety [Hydraulic and hydraulic engineering investigations and calculations].

Table of contents translated:

Sukhomel, G.I. - Length of a fully developed hydraulic jump in channels of non-rectangular cross section. p. 3.
Rozovskii, I.L. - Calculating non-scouring speeds for flow around bends in large channels. p. 7.
Pivovar, N.G. - Method of calculating bottom stabilization for the downstream side of spillway dams. p. 23.
Maksimchuk, V.L. - Characteristics of a system of bars in the zone of periodic backwater from the Zaporozh'e dam. p. 37.
Rusakov, S.V. - Experimental rectification of a section of the Snov River. p. 44.
Silin, N.A., Kobernik, S.G., Asaulenko, I.A. - Investigation of the operation of the 1000-00 hydraulic pipe-line dredge and the 900 millimeter diameter spoil pipe. p. 54.
IAnkovskii, L.I. - Movement of a vessel in a narrow channel allowing for changes in the size of the waterway. p. 66.
Slobodian, R.T. - Using V.V. Sokolovskii's method for calculating the stability of earth dam banks. p. 76.
Garkavi, O.IA. - Shape of earth dam slopes in a state of limited equilibrium. p. 89.
Diatlovitskii, L.I., Spirin, G.M. - Reducing a problem concerning volumetric forces of dead weight to a problem of contour loading for domains having various elastic constants. p. 93.
Spirin, G.M. - Determining stresses by the web method for bodies having various elastic constants (plane problem). p. 96.
Pukhal'skii, V.K. - Electrical method of testing nets with an electrointegrator. p. 106.

AVTOMOBIL'NYE DOROGI [HIGHWAYS], Organ of Ministerstvo avtomobil'nogo transporta i shosseinykh dorog SSSR [Ministry of Automotive Transport and Highways of the U.S.S.R.], Moscow, vol. 19, no.10(168), Oct. 1956.

Table of contents translated:

Editorial: Eliminate shortcomings in surveying and designing roads. p. 2.
Petrushin, A.K. - Technical progress and lowering the cost of road construction. p. 4.
Viktorov, V.M. - Bases of economy in building automobile roads. p. 6.
Rusakov, D.A., Lomanov, F.K. - Economic efficiency due to the reconstructed Moscow-Noginsk highway. p. 8.
Syralev, V.S. - Resistance of gravel roadbeds under asphalt concrete pavements. p. 10.
Shchus', A.P. - Road pavements with an additional layer of gravel and sand. p. 12.
Goretskii, L.I. - Two-layer cement concrete pavement. p. 13.
Pryshchenko, IU.I. - Strength of joints in the masonry of precast bridge supports. p. 15.
Mudrov, G.G. - Metal forms for taking concrete samples. p. 17.
Karpov, A.S. - The road and bridge building district. p. 18.
Govorushchenko, N.IA. - Effect of smoothness of road pavements on fuel consumption and automobile speed. p. 20.
Khatsenko, A.IU. - Experience with thickening gravel pavements in winter. p. 21.
Gribenko, T.V. - Selecting types of machinery for repairing pitted road surfaces. p. 22.
Zhuravlev, A.IA. - Some problems of the technical trends in bridge construction. p. 23.
Oze, S.E., Maksimov, A.N. - Local strength of steel girder walls joined to reinforced concrete slabs. p. 25.
IAkovlev, G.N. - Bridge made of hollow arches. p. 27.
Roer, E.N. - The longest automobile bridge. p. 27
M.S. - Pamphlet on economy in road machinery stations. p. 28.
New books. p. 29.
More attention to local roadside improvement; survey of unpublished articles. p. 30.
Eremenko, B.P., Luk'ianchenko, P.Z. - Experience in making hollow curbing. p. 31.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE], Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction], Moscow, no. 11, Nov. 1956.

Table of contents translated:

Mironov, S.A. - Improve constantly methods of winter concrete work. p. 377.
Mikhailov, V.V. - Prestressed reinforced assembled monolithic structures. p. 382.
Kucherov, A.I. - Precast reinforced concrete girders for use in roofs of industrial buildings. p. 389.
Zazerskii, K.I. - Using prestressed reinforced concrete girders. p. 391.
Il'iashevskii, IA.A. - Sectional reinforced concrete girders. p. 393.
Izraelis, G.N. - Precast hollow foundation blocks made of stiff concrete. p. 395.
Murashov, V.I., Milovanov, A.F. - Experimental investigation at high temperatures of the action in bending elements made of heatproof concrete. p. 397.
Gornov, V.N. - Deformation of reinforced concrete. p. 401.
Zhak, S.M. - Temper and rated strength of concrete in precast reinforced and plain concrete elements. p. 404.
Raising strength of concrete in precast steam-treated concrete elements. p. 405.
A master's remarks on the production of reinforced concrete shell slabs for Mingechaur Hydroelectric Power Station. p. 407.
Cement mortar for filling reinforcement canals in prestressed reinforced concrete structures. p. 409.
Concrete admixtures and the rapid hardening of concrete by adding fine ground hardened cement. p. 411.
"The ultimate-load theory applied to the design of reinforced and prestressed concrete frames" [in English] by A.L.L. Baker. p. 412.
Urgent machinery problems in placing concrete elements in building apartment houses and public buildings. p. 413.
Geometric characteristics of T- and T-cross-sections. p. 415.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDRO-TECHNICAL CONSTRUCTION], Published by Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.], Moscow, vol.25, no. 10, Nov. 1956.

Table of contents translated:

Medvedev, S.R., Emel'ianov, F.I. - Trench construction for the concrete dam of the Stalingrad water power development. p. 1.
Adamenkov, A.A. - On the work of gravel plants. p. 6.
Ordelli, M.A. - Using precast reinforced concrete in building chute spillways. p. 9.
Preobrazhenskaia, N.A. - Extracting piles from the cellular cofferdam at the Gorkiy Hydroelectric Power Station project by vibration methods. p. 12.
Grigorian, IU.M., Osipov, L.A. - Investigation of electroosmosis for reducing water in concrete. p. 15.
Moshchanskii, N.A. - Changes in the strength of concrete due to water saturation. p. 18.
Skaballanovich, I.A. - Evaluation of the efficiency of bank drainage during a 20-year period of operation. p. 23.
Kirakosov, V.P. - Effect of temperature [illegible] permeability of concrete of structures [illegible] pressure on the distribution of [illegible] foundations. p. 27.
Gol'dshtein, M.N. - Calculating water [illegible] revetments made with rock fill. p. 33.
Romanov, D.A. - Effect of water-[illegible] the stability of nearby structures. p. 39.
Alvaz'ian, V.G. - Statistical [illegible] the volume of a water reservoir. p. 47.
Mazurin, P.M. - Cross section of [illegible] dam on a rockless foundation. p. 51.
Fil'chakov, P.F. - Graphic-analytic [illegible] lating seepage in dam aprons. p. 55.
Ibragimov, M.I. - Control of the [illegible] large breccia-like soils in building [illegible] dam. p. 60.
Maksimov, S.N. - Evaluating the [illegible] ties of loess rocks. p. 62.
Elkhin, A.N. - Resistance of frozen [illegible] (lateral) bending. p. 64.
Borisov, V.V. - Electric welded [illegible] joints for pipelines. p. 66.
Gross, S.A. - Analytic method of [illegible] performance of centrifugal pumps. p. 67
Vlakh, P.A. - Measures for protecting [illegible] lines in hydroelectric power stations [illegible] sion. p. 69.
Didkovskii, M.M., Rodionov, I.A. - [illegible] for a rapid C multiplier. p. 69.
From the pages of foreign periodicals. p. 69.
Aleksandr Aleksandrovich Moro[illegible]

GORODSKOE KHOZIAISTVO MOSKVY [ST[illegible] OMY OF MOSCOW], Organ of Is[illegible] gorodskogo soveta deputatov trudiashchikhsia [illegible] tive Committee of the Moscow City [illegible] Deputies], Moscow, vol. 30, no. 11, [illegible]

Table of contents translated:

Establish a progressive scientific [illegible] base for the municipal economy [illegible]
Plotnikov, N.P. - Raise the standards [illegible] research and construction work [illegible] omy enterprises. p. 4.
Bass, M.G. - The Lenin Central [illegible] p. 9.
Grinevitskii, IU.S., Elizarov, S.I. - [illegible] grounds of the Central Moscow [illegible]
Makin'kov, B.V. - Operation of the new [illegible]
Kliuev, S.A. - Electrical equipment [illegible] Stadium. p. 17.
Lebedinskii, M.D., Shvarts, I.I., [illegible] voltage equipment of the stadium. p. [illegible]
Dubrovkin, S.D. - Sanitary installations [illegible] stadium. p. 27.
Darsov, P.I. - System of public [illegible] the Central Stadium. p. 31.
Kuchko, V.M. - Building 3-5 story [illegible] in Moscow. p. 34.
Poltov, K.M., Deev, V.F. - Improving [illegible] laundries. p. 36.
Chirkin, V.V. - Lowering the clearance [illegible] p. 38.
Gurovich, L.V. - Multiple-section slabs [illegible] struction. p. 39.
New books on municipal economy. p. 40.

KHABAROVSK. INSTITUT INZHENERNOGO [illegible] DOROZHNOGO TRANSPORTA. Trudy [illegible] RAILROAD TRANSPORTATION ENGINEERING [illegible] actions], Moscow, no. 9, 1956.

Table of contents translated:

Foreword. p. 3.
Gnedovskii, V.I. - Problem of using [illegible] forced concrete cantilever trusses in bridge [illegible] and its solution. p. 4.
Gnedovskii, V.I. - Rough comparative [illegible] concrete cantilever trusses. p. 37.
Gnedovskii, V.I. - Calculations for [illegible] joints proposed by G.P. Peredera. p. 47.
Danilovskii, M.P. - Effect of joint [illegible] in prestressed girders. p. 41.
Mednik, I.IA. - On the use of prestressed [illegible] concrete in bridge supports. p. 61.
Shishkanov, G.F., Matveev, V.D. - [illegible] tions on frozen ground. p. 77.
Danilovskaia, L.I., Matveev, V.D. - [illegible] Experience with building precast [illegible] shallow foundations. p. 87.
Dereviankin, B.A. - Calculation of [illegible] arches subjected to moving loads. p. [illegible]
Shestakov, A.V. - Effect of deflecting [illegible] unarticulated bridge span subject to [illegible] porary loading. p. 112.
Korotkov, G.E. - Investigation of the [illegible] in unarticulated slanting arches. p. [illegible]
Fedorov, G.K. - Special cases of resolution [illegible] vectors into components. p. 174.
Zingerman, IU.M. - Graphic determination [illegible] numbers for stresses in elements [illegible] sional rod systems. p. 182.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi Komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 13, no. 11, Nov. 1956.

Table of contents translated:

The over-all mechanization of building is an important task of the government. p.1.
Novoselov, E.S. - Building and road machinery industry in the sixth five-year plan. p.5.
Borisov, N.L. - Shortcomings in the maintenance of the roadbuilding machinery. p.12.
Lemberg, A.E. - Types and parameters of cranes used in building of multistory apartment houses made of precast reinforced concrete elements. p.16.
Dalmatskii, O.I., Novosel'skii, P.I. - SM-475 and SM-476 vibration tables. p.20.
Skliar, B.L. - Method for leveling the surface of rolling trays used for making large reinforced concrete products. p.23.
Semkovskii, V.V. - Building and road machinery. p.26.
Nosenko, N.E. - Straightening cutting machines for concrete reinforcements. p.30.
Ways of economizing on electricity in construction. p.3 of cover.

NOVAIA TEKHNIKA I PEREDOVOI OPYT V STROITEL'STVE [NEW TECHNOLOGY AND EXPERIENCE IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva SSSR [Ministry of Construction of the U.S.S.R.]. Moscow, vosl. 18, no. 5, May 1956.

Table of contents translated:

Introduce more widely the prestressed reinforced concrete construction. p.3.
Raev, V.N. - Standard plan for a precast reinforced concrete silo. p.4.
Besser, IA.R., Gaiduk, A.K. - Making precast concrete foundation blocks in construction yards. p.7.
Derkach, I.M., Evstigneev, P.N. - Making and using large gypsum slag concrete partitions. p.10.
Grabinskii, E.K. - Applying used steel rods in building silos. p.13.
Askalonov, V.V., Tokin, A.N. - Mobile SM NII-100 natural soil cement mixer. p.14.
IAnson, E.R. - Gluing unplaned wood. p.17.
Orentlikher, L.P., Ezdrin, K.B. - Building schoolhouses using large blocks. p.19.
Ovsiankin, V.I. - "Olympia," the international exhibition on construction. p.23.

RATSIONALIZATORSKIE I IZOBRETATEL'SKIE PREDLOZHENIIA V STROITEL'STVE [PROPOSED EFFICIENCY MEASURES AND INVENTIONS IN CONSTRUCTION WORK]. Issued by TSentral'nyi institut informatsii po stroitel'stvu Gosudarstvennogo komiteta Soveta Ministrov SSSR po delam stroitel'stva [Central Institute of Building Trades Information of the State Committee on Construction of the U.S.S.R. Council of Ministers]. Moscow, no.136, 1956. Prisposobleniia i ustroistva pri proizvodstve kamennykh rabot [Equipment and devices for masonry work].

Table of contents translated:

Unit for feeding masonry mortars. p.3.
Mechanized storage yard for sand at mortar plants. p.8.
Roller feeder for reloading building elements from one conveyer to another. p.10.
Batching lime and clay in preparing mortars. p.13.
Heated metal bin for mortars. p.15.
Pit with an installation for heating mortars and concretes. p.17.
Mortar container with an electric heater. p.19.

No. 140, 1956. Metody ispol'zovaniia zemleroinykh mashin. Prisposobleniia dlia ykhoda za nimi [Methods of using excavating machinery and devices for their repair].

Table of contents translated:

Excavation work on damp soils using drying rollers. p.3.
Efficient work methods of excavator operators P.M. Grigorash, S.T.Shamro(Karaganda Administration), and F.F.Vereshchagin (Chelyabinsk Administration). p.5.
Warming open pits in autumn through hilling and digging with excavators. p.8.
Using reserve tractors in performing earthwork with scrapers. p.11.
Hanging attachment to the E-505 excavator for leveling ditch and dam slopes. p.13.
Using the T-107 tractor loader instead of a bulldozer. p.16.
Device for automatic cleaning of wheels of the D-147 scraper of sticking earth. p.18.
Device for automatic filling of grease guns for excavators. p.21.
Replacing pumps by supply tanks in the system of circulating lubrication of E-505 and E-504 excavators. p.24.
Changing methods of the oil filling of bevel gear drive mechanism crankcases in E-505, E-1004, and E-754 excavators. p.30.
Device for heating water and oil in lubricating building machinery. p.33.

SEL'SKII STROITEL' [RURAL BUILDER]. Organ of Glavnoe upravlenie po stroitel'stvu v kolkhozakh Ministerstva gorodskogo i sel'skogo stroitel'stva RSFSR [Main Administration of Construction on Collective Farms of the Ministry of Municipal and Rural Construction of the R.S.F.S.R.]. Moscow, vol.11, no.10(84), Oct. 1956.

Table of contents translated:

Develop the building of poultry sections on collective farms. p.1.
Blagodatov, S., Gubergrits, L. - Large poultry sections in Rostov Province. p.2.
Kozinets, A. - Mechanized poultry section on the Zhdanov Collective Farm. p.3.
Dzaraganzov, P., Titorenko, T. - Poultry sections for caged layers. p.5.
Zhilin, A. - Collective farms change to year-round building. p.7.
Bogodukhov, P. - Builders overfulfill their norms. p.8.
Ivanovskii, S. - On the Molotov Collective Farm. p.9.
Roiak, M. - Volpyanskaya Hydroelectric Power Station serves several collective farms. p.10.
Lebedeva, F. - Planning operational centers on collective farms in Bryansk Province. p.12.
Volgarev, A. - Adobe walls reinforced with reeds. p.16.
Plataev, M., Ostapchuk, V. - Building hollow walls with adobe blocks. p.17.
Novaichuk, K. - Concrete feeder for cows. p.18.
Lipkin, P. - Stavropol school for master builders. p.19.
Sedlov, F. - New specialists in collective farm building. p.20.
Manevich, A. - Where there are no permanent building crews. p.21.
Progressive leaders of collective farm building crews. p.23.
Birkengof, A. - Efficient methods of laying bricks in winter construction work. p.24.
Smol'iakov, R. - Plans for poultry farms. p.28.
Letters from readers. p.30.
Brief news. p.31.
Information. p.32.
New books. p.3 of cover.

STROITEL' [THE BUILDER]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stritel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol.2, no.2, Feb. 1956.

Table of contents translated:

Under the leadership of the Communist Party of the Soviet Union toward new victories. p.1.
Babaev, V. - Walls of industrial buildings made of precast elements. p.3.
Polei, S., Ivanov, P., Arkad'ev, R. - Apartment houses built of coarse cellular concrete blocks. p.5.
Sergeev, S. - Laying ceramic block walls. p.8.
Vladimirov, K. - Fitter V.Boldovskii's suggestions. p.10.
Kupin, N. - Hydraulic gluing press for joinery. p.11.
Semenov, P. - Ditch digger with attachments for cold weather work. p.11.
Krutov, P. - Building abroad. p.12.
Besser, IA. - Vibrating equipment for transporting concrete mixtures. p.14.
Gandzhuntsev, I. - Practice of working out and using consolidated norms. p.14.
Savinov, S. - Balance grab for hoisting large brick blocks. p.16.
Ruderman, G. - Mobile plaster mixing plant. p.17.
Baranov, N. - New displays at the All-Union construction exhibition. p.19.
Bogushevich, E. - Technological specifications and diagrams. p.20.
Abramov, G. - Modernized mortar pump. p.22.
Shraiber, A. - Concrete reinforcements. p.23.
Petrov, I. - Dormitory for young builders. p.24.
New building machinery. p.26.
Brief news. p.27.
From the pages of journals. p.29.
Baranov, A. - Safety measures. p.30.
Leisure hours. p.32.
Equipment for transporting concrete mixtures. insert.

Vol. 2, no. 3, Mar. 1956.

Table of contents translated:

Develop demonstration building . p.1.
Efimov, N., Grishin, K. - Making precast concrete products in construction yards. p.3.
IAkovlev, A. - Temporary roads built of reinforced concrete slabs. p.4.
Ivianskii, G., Sats, M. - Placing columns in socket-type foundations. p.6.
Parshina, K. - Frameless large panel apartment houses. p.7.
Sivko, A. - Built of large silicate blocks. p.8.
Bukshpan, B. - Covering floors with ceramic tile wastes. p.9.
Ritov, M. - Using D-271 bulldozers in earthwork. p.10.
Pneumatic spatula. p.12.
Manskii, M. - Universal form for making concrete steps. p.12.
Glass container. p.13.
Waterproof putty. p.13.
Efficient organization at the working place. p.13.
Dismountable hexahedral plug for anchor bolts. p.13.
We are for mixed building crews. p.14.
Lipkin, P., Vladimirov, B., Budrik, V. - Using large blocks made of shell rock. p.15.
Kreinin, I. - New leveling instruments. p.16.
Slavin, A. - The KRM-2 electric kettles. p.17.
Tarasov, P.S. - Private building of dwellings. p.19.
Blazhevich, P. - Working standards for machine operators. p.20.
Faktorovich, IU. - Dispatching in the industry. p.21.
Dymshits, V. - Work quality of English construction. p.22.
Sushkov, K. - Great destiny. p.24.
Skramtaev, B., Subenkin, P. - Cements used in construction. p.26.
Galin, S. - Making reinforced concrete products in tipping forms. p.27.
Onatskii, S. - Keramzit and keramzit concrete in building. p.28.
New books. p.28.
Brief news. p.29.
From the pages of journals. p.30.
New building machinery. p.31.
Leisure hour. p.32.
Device for making triangle grooves in plaster boards. insert: p.1.
Coupling hose without bolts. insert: p.2.

Vol. 2, no. 8, Aug. 1956.

Table of contents translated:

Builder's Day. p.1.
Mikhailov, F. - Raychikhinsk. p.2.
Krichevskii, A. - Baku. p.3.
Bobryshev, P., Kuznetsov, A. - Vilnius. p.5.
Myshliaev, K. - Kiev. p.7.
Lur'e, M. - Semipalatinsk. p.8.
Through our country. p.10.
Devices for bricklaying. p.11.
Saul'chenko, B. - Machine tool for making partition slabs. p.12.
Clamp-container for hoisting lumber. p.13.
Machine for cutting ceramic tiles. p.13.
Reconstructing machinery for spot welding of reinforcements. p.13.
Standard screed. p.13.
IAzvikov, G. - Trestle with a mobile bin. p.14.
Portable face milling saw. p.14.
Safety device for disk saws. p.14.
Zaidler, M., Zotov, F. - Stock scaffoldings for large block building. p.15.
Fedorov, A. - Lightweight reinforcement bending machine. p.15.
Winding insulators on pins. p.15.
Zaikovatyi, M. - End support for tower crane. p.15.
Where builders live. p.16.
We discuss problems of work organization. p.18.
Turilov, P. - Metal forms for producing precast reinforced concrete units. p.19.
Kozin, I. - Cements for fastening tiles. p.19.
Kotsandi, I. - Movable machines in welding reinforcement construction elements. p.20.
Denisov, P. - Sinking reinforced concrete piles by water jet. p.21.
Novakhovskaia, D. - Retarder for gypsum hardening based on casein. p.21.
Griaznov, E. - Partial mechanization in unloading cement. p.22.
Savinov, S. - New building equipment at the Moscow exhibition in 1956. p.24.
Mitin, S. - Wages for construction workers. p.28.
Bobkov, A. - Masonry work. p.29.
Building machinery and tools. p.30.
Brief news. p.31.
Gas welding using kerosene. p.32.
Metal forms for producing precast reinforced concrete elements. insert.

STROITEL'NAIA PROMYSHLENNOST [BUILDING INDUSTRY]. Organ of Ministerstvo stroitel'stva [Ministry of Construction]. Moscow, vol.34, no.10, Oct. 1956.

Table of contents translated:

Aroshkovich, V.D., Fleer, A.D. - Demonstration building of the no.12 blast furnace in Dneprodzerzhinsk. p.2.
Gleiberman, B.IA., Rabinovich, S.IU. - Erecting steel elements of the no. 12 blast furnace in Dneprodzerzhinsk. p.11.
IAkubman, B.Kh. - Standard technical rules for building a 1513 cu.m. blast furnace. p.15.
Dorf, A.B. - Characteristics of planning production bases in new building districts. p.21.
Gorozhaninov, N.E., Serzhant, I.I. - Effect of welding technology on geometrical dimensions of blast furnaces during their construction. p.26.
Nemirovskii, IA.M. - Calculating foundation elements. p.30.
Moizhes, IU.L. - Standard sizes for large silicate blocks. p.34.
Pen, S.S. - Shaped sections for asbestos-cement corrugated sheets of reinforced design (VU). p.38.
Rozenfel'd, L.M. - The GK foaming agent for cellular concretes. p.40.
Danilov, N.N. - Industrial methods of building apartment houses in France. p.42.
Rudinov, A.B. - Automobile trailers. p.45.

B 16d - e

Vol. 34, no. 11, Nov. 1956.

Table of contents translated:


Baguzov, N. P. - Work results of planning organizations for introducing precast reinforced concrete construction. p. 2.

Alferov, I. G. - Building industrial furnaces of heat-proof concrete. p. 5.

Barch, I. Z., Velovel'skii, A. L., Kutovoi, E. N. - Using gantry cranes in industrial building. p. 10.

Brodskii, A. IA. - Submerged-melt welding of the concrete reinforcing steel joints with a continuous slag formation. p. 15.

Ostrovskii, M. E. - Universal standard blocks for multistory buildings of the chemical industry. p. 19.

Khlusov, I. E. - Tile and asbestos cement roofing with built-in gutters for multistory apartment houses. p. 24.

Gai, A. F. - Using preferred numbers in standardization of construction. p. 28.

Demidov, V. A. - Equipment for processing gravel-sand mortars used in England. p. 37.

Batenchuk, A. N. - Machinery for the over-all mechanization of assembly work. p. 45.


TASHKENT. INSTITUT INZHENEROV ZHELEZNO-DOROZHNOGO TRANSPORTA. Sbornik nauchnykh trudov [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Collection of Scientific Works]. Moscow, no. 5, 1956.

Table of contents translated:


Foreword. p. 3.

Belen'kii, M. N. - Experience in using diesel locomotives on the Tashkent railroad. p. 6.

Strusevich, M. A., Karpukhina, L. F. - Investigation of the operation of the refrigerator ventilator in the TE-1 diesel locomotive. p. 17.

Beskrovnyi, I. G., Tolkachev, A. V. - Firing locomotives with mixtures of Angren and Karaganda coals. p. 27.

Bel'kov, E. P. - Economy effected through using mixtures of Angren and Karaganda coals on the Tashkent railroad. p. 34.

Sukhanov, A. M. - Effect of wetting coal on efficient ignition. p. 38.

Golovanov, D. G. - Geometric inscription of locomotives in curves by the graphic method in an elliptic diagram. p. 49.

Troitskii, A. F. - Problem of determining the strength of adhesion between coating and base in restoring locomotive parts by the method of metal spraying. p. 82.

Sushchenko, A. S. - Mechanical fusing in the repair of rolling stock. p. 103.

Moshkov, A. D. - Problem of using porous bearing materials. p. 116.

Voronov, F. I. - On the configuration and steepness of railroad embankments and slopes in loess soils. p. 123.

Golovanov, D. G. - Effect of the modulus of elasticity of rail bases in relation to torsional stress and rail deformation under loading with lateral horizontal force. p. 129.

Subbotin, A. F. - Investigation of stability of movement of pairs of wheels in relation to jumping the track. p. 142.

Raskin, A. M., Mollot, A. G. - Some problems of organizing and building railroads in sandy deserts. p. 157.

Gofman, Sh. M. - Evaluation of one determinant and some disparities related to Seidel iterative processes. p. 178.

Gofman, Sh. M. - Approximate calculation of the strength of free frames by the method of changing the matrix of coefficients to a matrix of radial structure. p. 187.

Gofman, Sh. M. - One variant in solving a system of trinomial matrix equations. p. 204.

Bagrakov, A. A. - Calculation of impact loading for foundations with widened upper parts. p. 207.

Rachinskii, B. N. - Torsion in a beam of T-cross section made of two different materials welded at the edge of contact. p. 221.

Moskal'tsov, I. P. - Problem of using barkhan sands for concrete. p. 234.

Adylkhodzhaev, I. A. - Determining normal stresses in soil by the method of "freezing" deformations. p. 241.


VOPROSY FIL'TRATSIONNYKH RASCHETOV GIDROTEKHNICHESKIKH SOORUZHENII [PROBLEMS OF SEEPAGE CALCULATIONS FOR HYDRAULIC ENGINEERING STRUCTURES]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzhenila, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii [All-Union Scientific Research Institute of Water Supply, Sewage Systems, Hydraulic Engineering Structures, and Engineering Hydrogeology]. Moscow, no. 2, 1956.

Table of contents translated:


Foreword. p. 3.

Romanova, E. IA. - Effect of the formation of cracks in the front part of spillway dams on seepage in dam foundations. p. 5.

Nedriga, V. P. - Seepage calculations for dam foundations allowing for the water permeability of sheet piling. p. 47.

Shestakov, V. M. - Determining hydro-dynamic forces on earth dams and slopes during a fall in levels of the water races. p. 98.

Shestakov, V. M. - Some problems of modeling irregular seepage. p. 129.

Istomina, V. S. - Seepage stability of cohesive soils. p. 140.

Istomina, V. S. - Investigation of contact scouring of sand and gravel soils. p. 190.


VOPROSY GIDROTEKHNIKI [PROBLEMS OF HYDRAULIC ENGINEERING]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 1, 1955.

Table of contents translated:


Foreword. p. 3.

Vyzgo, M. S. - Problem of calculating the slope and width of stabilized self-forming channels. p. 5.

Gostunskii, A. N. - Stable river bed. p. 25.

Troitskii, A. V. - On the form of hydraulically stable channel cross sections. p. 33.

Chekulaev, G. S. - Indices of channel bottom stability in irrigation systems. p. 61.

Orlov, I. IA. - Calculating the flow regime in non-silting and nonscouring channels, in settling basins and sand traps. p. 75.

Gostunskii, A. N. - Channel bottom sedimentation. p. 87.

Abal'iants, S. Kh. - Movement of clayey suspensions in channels. p. 93.

Mukhamedov, A. M. - Washout of sedimentation in hydraulic installations. p. 101.

Dudkin, A. S., Orlov, I. IA., Ushakov, A. P. - Some results of investigations of channel processes in sections of rivers flowing through a plain. p. 113.

IAkshtas, I. A. - Degrees of channel protection from river sedimentation. p. 125.

Surova, N. N. - Results of investigations of several design variants for hydraulic installations in the lower courses of rivers. p. 129.

Nikitin, I. K. -Controlling sedimentation in hydraulic installations with the aid of curved sand traps. p. 137.

TSvetkova, N. A. - Sedimentation in the Amu-Darya. p. 151.

Efremov, A. V. - Formulas for calculating the suspension (transporting) capacity of a stream. p. 159.


ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES]. Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR [Ministry of Communal Economy of the R. S. F. S. R.]. Moscow, vol. 6, no. 6, 1956.

Table of contents translated:


Compete with the inhabitants of Stavropol', p. 1.

Ivanov, P. - Inhabitants of Stavropol' plan and organize public services in their city. p. 2.

Tikhonov, S. - In a new city district. p. 6.

Correspondence of two apartment house offices. p. 8.

Trach, V. - Technical improvement of communal enterprises. p. 10.

Basurmanov, K. - Efficiency exports in the municipal electric transport system of Moscow. p. 12.

Demin, A. - Two-way high-frequency communication in the city electric transportation. p. 15.

Kuchko, V. - Gunite work in the general overhaul of buildings. p. 17.

Voplikova, V., Abrosimov, A. - Improving flocculation in coagulation by using slime to induce turbidity in water. p. 19.

Baron, I. - Protecting water pipelines from vagrant currents. p. 21.

Stramentov, A. - Some problems in the organization of city traffic. p. 22.

Grandl'shchikov, V., Kuznetsov, I. - Designing and building large-span reinforced concrete bridges in cities. p. 25.

Rabinkov, V. - The BE-2,5 automatic towerless pumping station. p. 28.

Fain, A. - Vehicular tunnels. p. 30.

Technical novelties. p. 30.

Shchegolev, M., Zaks, M. - Useful and important book. p. 31.

New books published by the Publishing House of the Ministry of Communal Economy. p. 31.

Brief news. p. 32.


e) ELECTRICAL ENGINEERING

AKADEMIIA NAUK URSR, Kiev. Instytut elektrotekhniky. Sbornik trudov, [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electrical Engineering. Collected Works]. Kiev, no. 14, 1956. Novye tipy elektroprivodov i avtomatiki v sel'skom khoziaistve [New types of electric drives and automatic control in agriculture].

Table of contents translated:


Postnikov, I.M. - Methods for the theoretical study of single-phase capacitor motors. p. 5.

Adamenko, A.I. - Determining the direction of rotation and equivalent circuits for symmetrical components of induction motors. p. 52.

Adamenko, A.I. - Operation of an asynchr[illegible] during network unbalance caused by [illegible] of resistance in one of its phases. p. 59.

Ivakhnenko, A.G., Parra, I.K., Shukalin, E.M. - [illegible] opment of a reversing drive for the rudder [illegible] an electric tractor. p. 75.

Inosov, V.L. - Synchronous compound-[illegible] and the theory of its operation. p. 93.

Krutikova, V.E. - Experimental study [illegible] nous compound-wound motor. p. 117.

Inosov, V.L., Krutikova, V.E. - [illegible] of electric tractor control with a single [illegible] p. 124.


AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Seriia energetiki. Trudy [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Institute of Electric Power. Transactions]. Tashkent, no. 8, 1955.

Table of contents translated:


Troitskii, N. A. - Basic characteristics [illegible] with additional regulating electromotive [illegible] open three-terminal network of a transformer. p. 3.

Pospelov, G. E. - On the theory of long-distance alternating-current power transmission. p. 17.

Fedorova, I. A. - Technical and economic [illegible] of the principal means of increasing the [illegible] stability of power transmission. p. 63.

Salikhov, S. S. - Theoretical and experimental investigation of the conversion of single-phase [illegible] three-phase in a transmission system with [illegible] return. p. 86.

Khamudkhanov, M. Z. - Use of one arrangement [illegible] conversion to study an asynchronous drive [illegible] by an electronic converter. p. 103.

Pershin, IU. S. - Calculating the heating [illegible] for dielectric heating with continuous feed [illegible] material into its condensor. p. 113.

Pershina, L. M. - Resistance of steel [illegible] during short-circuit currents and its simplified analytical expression. p. 144.

Rozhdestvenskii, V. T. - On the theory of the [illegible] former of zero-sequence current. p. 152.


ATOMNAIA ENERGIIA [ATOMIC ENERGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1956.

Table of contents translated:


Efremov, D. V., and others. - Synchro-cyclotron system cyclotron built by the Institute of Nuclear Problems Academy of Sciences of the U. S. S. R. p. 5.

Dzhelepov, V. P., and others. - High-energy particle beams emitted by the six-meter synchro-cyclotron and their use. p. 13.

Veksler, V. I. - Ten Bev energy synchro-cyclotron built by the Academy of Sciences of the U.S.S.R. p. 23.

Vladimirskii, V. V., and others. - Basic characteristics of the projected 50-60 Bev proton accelerator with alternating-gradient focusing. p. 32.

Zavoiskii, E. K., and others. - Luminescence and the theory p. 34.

Babykin, M. V., and others. - Plane-parallel spark counters for measuring brief time intervals p. 40.

Zavoiskii, E. K., Smolkin, G. E. - Investigating the resolving time of plane-parallel spark counters p. 40.

Nemilov, IU. A., and others. - Use of the [illegible] in scintillation spectroscopy. p. 51.

Matveev, V. V., Sokolov, A. D., Shlapnikov, P. S. - Energy distribution of gamma quanta created by gamma-radiation point sources in infinite mass media. p. 57.

Lapteva, F. S., Ershler, B. V. - Absorption [illegible] fission fragments. p. 63.

Pevznor, M. I., Danelian, L. S., Adamchuk, [illegible] Total neutron cross section of $Na^{24}$. p. 67.

Palovsky, H., and others. - Direct measurement of the energy dependent changes of $\eta$ values for $U^{235}$ and $Pu^{239}$. p. 71.

Ioffe, B. L., Okun', L. B. - Physical determination of the fuel material in nuclear reactors. p. 80.

Novikov, I. I. - Heat loss and thermophysical properties of fused alkali metals. p. 92.

Emel'ianov, V. S., Evstiukhin, A. I. - Investigating fused thorium fluoride alkali-metal salt systems. p. 107.

Sevriugova, N. N., Uvarov, O. V., Zhavoronkov, N. M. - Determining the isotope separation factor for boron in equilibrium evaporation of $BCl_3$. p. 113.

Gerasimovskii, V. I. - Uranium minerals. p. 118.

Broger, A. Kh., Bolynskii, V. A., Prokofiev, K. G. - Radiochemical research instrument using a $Co^{60}$ gamma radiation source with an activity of 200 g-equ. of radium. p. 131.

Shchepot'eva, E. S. - Radiation energy and some laws of its effect on biological organisms. p. 139.

Krasin, A. K., Dubovskii, B. G. - Beryllium neutron for physics research. p. 147.

Bezrukov, L. S., Panov, D. A., Timofeev, A. V. - Deuteron energy dependence of the cross section of $Li^7(d, p)Li^8$ reaction in the 1.1 - 4 Mev interval. p. 149.

Strutinskii, V.M. - Note on mirror-asymmetric nuclei. p.150.
Flerov, N.N., Talyzin, V.M. - Cross section of the inelastic interaction of 14.5 Mev neutrons with various elements. p.155.
Blriukov, V.A., Golovin, B.M., Lapidus, L.I. - All-Union Conference on the Physics of High-energy Particles. p.158.
Oberemko, V. - Draft statute of the International Atomic Energy Agency. p.166.
Fast electron multiplier with image transfer. p.166.
Meson theory as a basis for calculating anomalous magnetic moments. p.169.
Determination of resonance integrals. p.170.
Behavior of uranium and some other materials in fluorating-agent media. p.172.
Power reactor building program in the U.S.A. p.172.
The nuclear reactor is a source of energy to be used for chemical processes. p.176.
Pyrometallurgical nuclear fuel reprocessing. p.176.
Use of helicopters in uranium prospecting. p.177.
New types of uranium ores. p.178
Enriching heavy water using a biological method. p.179.
A mobile unit for the removal of radioactive contamination from water. p.179.
Use of liquid scintillators for the quantitative determination of tritium in urine. p.180.
New literature on the peaceful uses of atomic energy. p.181.

AVTOMATIKA I TELEMEKHANIKA [AUTOMATICS AND TELEMECHANICS]. Published by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatics and Telemechanics of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 17, no. 11, Nov. 1956. [With English summary in insert.]

Table of contents translated:

Benesh, IU. - Some problems in the development of automatization in Czechoslovakia. p.953.
Razumikhin, B.S. - Stability of automatic control systems with one control unit. p.956.
Korolev, N.A. - Periodic conditions in relay systems with inner feedback. p.969.
Ostrovskii, G.M. - Nonlinear corrective devices used in second-order automatic control systems. p.979.
Medvedev, S.S. - Regularities in the operator's performance. p.985.
Shashkov, A.G. - Theory of an oil-operated "nozzle-flapper" type control device. p.1000.
Stepushkin, E.I. - Criteria for the steady operation of two-phase asynchronous servomotors. p.1020.
Svechnikov, S.V. - Controlled relaxation oscillators with glow-discharge tubes. p.1029.
Kagan, B.M. - Frequency method of determining the derivatives of transfer functions. p.1035.
Ismailov, Sh.IU., Fromke, A.V. - The wattmeter with barrier-layer converters for telemetering electric power. p.1038.
Korablev, L.N. - Ionic photorelay. p.1040.
Temnyi, V.P. - Experimental determination of the rigidity of rubber-fabric diaphragms. p.1042.
Fel'dbaum, A.A. - Use of computers in automatic control systems. p.1046.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 27, no. 10, Oct. 1956.

Table of contents translated:

Editorial: Increasing the quality of power construction work. p. 1.
Barshtein I.K., and others. - Adjustment and investigation of TP-230-3 boilers with slag-tap furnaces. p. 4.
Timokhin, P.IA. - Starting and adjusting TP-150 boilers with shaft-type impact mills. p. 13.
Babkin, R.L. - Drying insulating oil by means of dry air. p. 18.
Ganin, V.P. - Use of three-layer panels in the walls of the main building. p. 22.
Buriakovskii, F.E. - EMKU electromagnetic voltage regulators and their adjustment. p. 26.
Barkan, IA.D., Bolarevich, V.IA. - Against the use of separating protective systems in electric power plants. p. 31.
Kuz'min, IA.F., Rozenknop, M.P. - Use of the RLN-110 disconnecting switch to interrupt the no-load current of a 10,000 kva. transformer. p. 33.
Sirota, I.M. - Protection against asynchronous operation. p. 36.
IAkusha, G.B. - Outages connected with switching in electric installations. p. 39.
Mutasov, T.P. - Step-down transformer substations with bus-tie switches. p. 42.
Olrekh, L.I. - Welding tubes to high-pressure boiler drums without subsequent heat treatment. p. 44.
Vinogradov, G.T. - Installing generator stators without a crane. p. 45.
Bol'shakov, V.D. - Method for determining the line of direction in laying out straight-line poles of transmission lines. p. 47.
Pekker, IA.L. - Superheater damage due to leakage in noncontact desuperheaters. p. 49.
Iankelev, L.F. - Flame testing of heat insulation structures. p. 51.
Bukhman, G.D. - Increasing the surface of the packing heater. p. 54.
Mel'nikov, A.V. - More accurate recording vacuum gauge. p. 54.
Lebedeva, V.I., Timofeenko, A.A. - Testing interturn insulation of high-voltage electric motors. p. 54.
Kalinin, E.V. - Electric and mechanical characteristics of SP-110 stick insulators. p. 55.
Kotelevtsev, V.G., Lysakovskii, G.I. - Operational reliability of SP-110 stick insulators. p. 57.
Voskresenskii, V.F. - Investigation of SP-110 stick insulators. p. 58.
Kalinina, M.S. - Electric strength of stator winding insulation in 6 - 8, 6 kv. electric machines. p. 59.
Note on "Regulations for arranging transmission lines where they intersect and approach overhead communication and signaling lines." p. 60.
Third Plenum of the Central Administration of the Scientific and Technical Council of the Electric Industry. p. 60.
N.A. Andreev; obituary. p. 62.
M.M. Karpov; obituary. p. 62.
Pavlov, N.N. - Review of "Selection, installation and use of arc-suppression coils" by F.A.Likhachev. p. 63.

ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR, Ministerstvo elektrostantsii SSSR, and Ministerstvo elektrotekhnicheskoi promyshlennosti SSSR [Academy of Sciences of the U.S.S.R., Ministry of Electric Power Stations of the U.S.S.R., and Ministry of Electric Equipment of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

Table of contents translated:

Krikunchik, A.B. - Use of autotransformers in electric networks. p. 1.
Burgsdorf, V.V. - Investigation of lightning protection of transmission lines with ground wires. p. 8.
Razygraev, A.M. - Make-up of a multiple-element diagram of an electric drive operating in an automatic cycle. p. 15.
Markov, N.A. - Circle diagram of an arc smelting furnace. p. 20.
Poliak, N.A. - Practical method of calculating the zone of asynchronous self-excitation of electric machines. p. 33.
Tur, B.K. - Commutation in direct-current machines. p. 30.
Nebol'iubov, IU.E. - Photoelectric method of investigating and adjusting commutation in electric machines. p.34.
Donskoi, A.V., Ivenskii, G.V. - Stabilized thyratron rectifier with amplitude control. p. 37.
TSeitlin, L.A. - Inductances of bus bars of rectangular cross section during sharply defined skin effect. p. 43.
Ginzburg, S.A. - Construction of a nonlinear quadripole with a given characteristic. p. 51.
Nazarov, IU.G. - Phase-sensitive circuit as power directional relay. p. 55.
Kurdiani, I.S., Khomeriki, O.K. - Aspects of the operation of a compounding arrangement for synchronous generators. p. 62.
Plastolov, A.A. - Calculating voltage for drying transformers. p. 65.
Verbitskaia, T.N. - Industrial application of "varicond" [seignettoceramic capacitors]. p. 68.
Skugorov, V.N. - Self-regulating generator. p. 74.
Plugachev, V.K., Isaenko, A.V. - Optimum angle of branching in electric systems. p. 76.
Lezhneva, O.A. - Works of Charles Coulomb in the field of electricity and magnetism. p. 79.
Pils, G.S. - New specifications for electric machines. p. 82.
Detection of defective insulators by means of radiation. p. 86.
Olelnik, I.P. - Electric power industry of the Rumanian People's Republic. p. 86.
American plan for standard minimum insulation clearances in outdoor a.c. substations. p. 86.
New instruments for testing insulating materials. p. 90.
Long-distance power transmission. p. 92.
Conference in the Leningrad Polytechnical Institute. p. 93.
Scientific and technical conference on transformers in Zaporozh'ye. p. 95.
Konovalov, V.N. - "Manual of the rural electrician" by V.E. Odintsov. p. 96.
New books on electricity, electrical engineering and electric power. p. 96.

ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R.]. Moscow, vol. 10, no. 11, Nov. 1956.

Table of contents translated:

Tartakovskii, G.P. - On the theory of linear pulse systems with variable parameters. p. 3.
Khatskelevich, V.A., Shur, L.M. - Envelope negative feedback in radio transmitting apparatus. p. 15.
Petrov, V.V., Brodskii, M.V., Shoshenkov, V.D. - Basis for the selection of a system of automatic channel switching of radio links. p. 25.
Kamenskii, N.N. - FH-675 relay apparatus. p. 34.
Akul'shin, P.K. - Protection of steel circuits from each other and from nonferrous metal circuits. p. 44.
Zeliger, N.B. - Calculation of distortions due to the difference of speeds of start-stop telegraphic apparatus. p. 52.
Mikhailov, M.I., Nikol'skii, K.K. - Conditions for approximating overhead and cable communication lines to supervoltage d.c. transmission lines. p. 65.
Metter, I.M. - Mechanism of losses in ice-covered high-frequency communication lines. p. 76.
Information from foreign journals. p. 78.

Vol. 10, no. 12, Dec. 1956.

Table of contents translated:

L'vovich, A.A. - Device for distributing and combining potentials of high and low frequency electric oscillations. p. 3.
Pecherskii, I.S. - Apparatus for measuring group delay time in radio relay networks. p. 16.
Kosikov, K.M. - Radio signal irregularity in the Eastern hemisphere on February 23, 1956. p. 22.
Zhileiko, G.I. - The present technical status of generating millimeter waves. p. 27.
Baranul'ko, V.A. - New investigations of magnetic disturbances in the ionosphere. p. 38.
Gorbunov, E.S. - Comparison of some interference-resistant codes. p. 42.
Grodnev, I.I., Liubimov, K.A., Ukstin, E.F. - Multilayer combination shields for communication cables. p. 48.
Efimov, I.E. - Nonlinear properties of bimetallic conductors containing ferromagnetic material. p. 57.
Rabinovich, M.B. - Comparison of the transmission stability of voice frequency carrier channels having frequency and amplitude modulation. p. 67.
From foreign journals; brief reviews. p. 71.
New patents. p. 76.
New books. p. 76.
List of articles published in "Elektrosviaz'" during 1956. p. 77.

ENERGETICHESKII BIULLETEN' [POWER BULLETIN]. Organ of Ministerstvo neftianoi promyshlennosti SSSR [Ministry for the Petroleum Industry of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

Table of contents translated:

Dreizin, Z.S. - Ways of economizing fuel and electric power in establishments of the petroleum industry. p.1.
Mel'nikov, M.I. - Power characteristics of pumping unit drives with motors of the AOP and AOS series. p.8.
Khrapach, G.K. - Conversion of a turbocharged four-stroke engine from liquid to mixed fuel. p.14.
Rymkevich, A.A. - Method for determining the amount of gas escaping into the crankcase through the ring. p.18.
Kagan, S.G. - Modernization of "Pioner" diesels. p.24.
Dovzhuk, G.T. - Eliminating defects in air preheaters of industrial furnaces; an open discussion. p.29.
Gershengorn, A.I. - Synchronous-induction squirrel-cage motor. p.31.
Kalalov, G.M. - Letter to the editor. p.32.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 4, no. 11, Nov. 1956.

Table of contents translated:

Power engineers will fulfill their obligations with honor. p.1.
Lobanov, E.M., Krivosheev, V.M. - Use of radioisotopes for fuel control in bunkers in power plants. p.4.
Gul'denbal'k, V.V. - Construction of transmission lines in the sixth five-year plan. p.7.
Khromchenko, G.E., Komissarov, L.A., Ratnikov, A.S. - Pressure jointing of connections and terminations of aluminum wire and cable cores. p.9.
Vainshtein, B.Z., and others. - Replies to N.F. Burzhinskii's article "Articles from protection against electric current." p.11.
Shefer, V.A. - Defects of magnetic starters now being produced. p.16.
Tolmachev, V.K. - Adjusting accessory equipment of boiler installations. p.16.
Kriger, M.IA. - Use of variable-speed controls in the kinematic system of chain-grate drives. p.19.
Khaspolatov, A.S. - Using blowdown water from boilers as feed water for evaporators in thermopower plants. p.23.
Gluzman, Zh.Z. - Utilizing the heat of circulating water. p.23.
Utkin, N.A. - Automatic control of water heating in the chemical section of thermopower plants. p.24.
Petrenko, A.V., TSelikovskii, I.I. - Complete automatic control of the AF-18 electric separator unit. p.25.
Survillo, G.K. - Mechanical time marker in the VR-1 (618) manual vibrograph. p.26.
Tolubaev, V.P. - Repairing the tank of large-capacity transformers without pulling the core. p.27.
Novoselov, A.I. - Constructing vector diagrams of the connection of three-phase counters by the wattmeter method. p.28.

Postnikov, I.M., Borushko, V.S., Pavlov, V.M. - Use of solid poles in large hydraulic generators. p.35.

Paliurdin, L.M. - Calculating the characteristics of low-capacity single-phase synchronous generators operating in an arrangement for output voltage stabilization. p.40.

Andrianov, K.A., and others. - Cast insulation from epoxy resins. p.47.

Demikhov, A.V., Frumkin, A.A. - Standards for maximum allowable industrial interference. p.54.

Solodovnikov, P.N. - Critical slip of asynchronous motors. p.57.

Feller, M.O., Vil'man, B.P. - Wear resistance of disk brakes built into electric motors. p.60.

[Annanov, B.A. - Use of silicon organic compounds to protect electric insulation against moisture. p.64.

EMI amplifiers. p.69.

Letters to the editor. p.72.

In the Collegium of the Ministry of the Electric Machinery Industry. p.73.

In the Technical Council of the Ministry of the Electric Machinery Industry. p.76.

Industrial efficiency and progressive technology in plants under the Office of Electrical Apparatus. p.76.

VOPROSY RADIOLOKATSIONNOI TEKHNIKI; sbornik perevodov [Problems of Radar Engineering; Translations and Surveys of Foreign Periodical Literature], Published by Izd-vo Inostrannoi Lit-ry [Publishing House of Foreign Literature], Moscow, vol. 6, no. 6(36), 1956.

## 8) INDUSTRIES & TRADES

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE] Issued by Ministerstvo zagotovok SSSR [Ministry of Procurements of the U.S.S.R.], Moscow, vol. 33, no. 10, 1-4, 1956.

Table of contents translated:

Safe storage of grain delivered to procurement points, p.1.

Aktsis, S., Beliberdin, V. - Storing seed corn in winter, p.3.

Klesov, I. - Using mechanical ventilation for cooling grain after drying, p.6.

Kal'gevich, G. - Installing machinery in drying and cleaning towers at the time of construction, p.8.

Shcherbatov, M. - Mistakes made in the construction of grain dryers, p.9.

Sokolov, N. - Determining optimal values for operating break systems, p.10.

Krebetskii, V., Popov, M., Nefedkina, G. - Role of enzymes in the rancidification of groats, p.14.

Kasatkov, K. - Grease of wheat grains, p.16.

Mal, E. - Work experience of the Yaysk Feed Mill, p.17.

Morgun, A. - Inertia starting mechanism for separator brush rolls, p.20.

Shlyamin, N. - Vibrating conveyor, p.21.

Berlin, I. - Fire-proofing of filler slabs, p.23.

Gerasimov, P. - Improve the training of voluntary firemen, p.24.

Dudchenko, P., Kovalevskii, L. - Alternate milling of high and low grade flour, p.25.

Serebriianskii, V. - Screw conveyor for loading meal overchutes in railroad cars, p.26.

Terekov, M. - Installing daylight electric lamps in flour and groat mills, p.27.

Potapenko, D. - Portable saw frame, p.27.

Sapronov, A. - Milling corn groats, p.28.

Ivanov, K., Kalinin, I. - Grain dryer designed by the Rybreftorgsk Trust of the Office of Flour Milling, p.28.

Ovsyannikii, A. - Shortcomings in planting, p.29.

Kalashov, IA. - Improve the quality of A-25 truck scales, p.29.

Bardyshev, G. - Bulk flour storage in elevators, p.29.

Rassomakii, N., Firsova, M., Anarina, E. - Notes on the textbook "Science of cereals," p.31.

Brief news, p.1 of cover.

PROMYSLOVAIA KOOPERATSIIA [PRODUCERS' CO-OPERATION], Issued by TSentral'nyi soviet promyslovoi kooperatsii SSSR [Central Council of Producers' Cooperation of the U.S.S.R.], Moscow, no. 11, Nov. 1956.

Table of contents translated:

Let's carry out the 1956 plan ahead of schedule; specialist obligations of the producers' cooperatives' personnel in Sverdlovsk, p.1.

Fairtrade initiative of the producers' cooperatives' personnel in Sverdlovsk, p.2.

Kavkin, S. - Make correct use of specialists, p.4.

Larin, G.F. - There must be no smoke from factory chimneys, p.6.

Vasnyi, V. - We turn out high-quality production, p.7.

Tkachev, V. - Pressed felt from woolen waste products, p.8.

Margulis, V. - Unutilized capacity, p.9.

Kogan, A. - Improve the quality of shoe repairing by gluing, p.10.

Rumiakov, M. - The cutter from Zaplavnoye, p.12.

Okunev, I. - Chintz dresses, p.13.

Pashenkov, A. - Attention and help to folk artists, p.15.

Nazarov, G. - Honored art worker, p.17.

Ulkin, M. - Do not forget customers, p.18.

Vaivar, V. - Interviewers, p.20.

Turina, M.F. - To live, our beloved country, p.21.

Rybkin, A. - Protect the interests of disabled workers, p.23.

Shtok, E. - Instructor teaches home laborers, p.24.

Fiterman, E. - Let us improve working and social conditions, p.25.

Bonchig, D. - Producers' cooperatives in the Mongolian People's Republic, p.26.

Voronin, A. - For further development of efficiency experts' work, p.26.

Makarenko, A. - How we organize the competition, p.29.

Final seminar for clothing workers, p.31.

Razvakii, A. - Increase the role of legal advisers in the struggle against embezzlement and theft, p.32.

Shkol'nik, L. - New developments in production, p.33.

Bayertsev, K. - Folk talents, p.34.

From local waste products, p.34.

Nevshtadt, I. - Valuable raw materials left unutilized, p.34.

Syanov, M. - In the struggle for gold medals, p.35.

Regulation on orthopedic and prosthetic help for ariel members, p.36.

Mechanization of clothespin production, p.37.

Hit the mark, p.38.

Follow-up of our publications, p.39.

Belov'eva, E. - For the winter season, p.40.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY], Organ of Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR [Ministry of Consumers' Goods Industry of the U.S.S.R.], Moscow, vol.16, no.11, Sep, 1956.

Table of contents translated:

Specialization and cooperation in the textile industry, p.1.

Lagov, A.F. - Reducing waste in silk and rayon finishing mills, p.4.

Blastenin, V.A. - Reducing plant idling time, p.7.

Maudrunov, N.N. - Extending the range of fabrics for children's wear, p.9.

Mirsalikhenko, G.I. - Some physicomechanical properties of raw cotton, p.10.

Kadyrov, Sh. - Effect of sunlight on the properties of raw cotton, p.14.

Andreev, V.V. - Application of vibrational methods in preparing retted flax, p.16.

Korneva, S.I., Arkhangel'skii, D.N., Serkov, A.T. - Causes of discoloration of viscose rayon, p.17.

Baleiatin, S.Z. - Mass dyeing of capron fiber, p.19.

Grigoev, M.V., Khasin, N.V. - Rational use of raw material in flax spinning, p.20.

Bolirnova, Z.I. - Experience in using various types of resilient covering, p.24.

Grazer, N.Kh. - Structure and construction of mass-produced cotton fabrics, p.26.

Kacharin, M.G. - Investigation of stripiness in cotton fabrics, p.29.

Murygasov, P.V. - Scientific and technical conference on problems relating to the synthesis and use of organic dyestuffs, p.32.

Baikalin, F.I., Zholtar, O.M. - Continuous method of scouring and washing worsted fabrics, p.35.

Chilikin, M.M., Zusman, M.N., Kovaleva, A.G. - Ways of improving the water-repellent qualities of tarpaulin fabrics, p.37.

Dykvakii, A.A. - Automatic operation of ventilation and humidification units, p.40.

Mikhailov, P.M., Preiskhadi, L.G. - Types of driers for flax and hemp mills, p.46.

Bigerskii, N.I. - Determination of crease tendency in fabrics, p.47.

Nadezhskii, V.P. - Accuracy of weighing instruments, p.49.

Drozdov, N.N. - At the "Silk" pavilion, p.53.

Maslennikov, P.D. - Dyeing staple fabrics by the two-bath method, p.54.

[Abrosov, L.M., Erem'iants, E.M. - Efficient recipe for emulsion, p.56.

Trempeler, I.F. - Improving the operation of combing machinery, p.57.

Vilenskii, M.E. - Organization of production in technologically advanced cotton mills in the U.S.A., p.59.

Modern methods and equipment for carding operations, p.64.

Ezrel'tanov, A.O. - A book on "Technical control in the cotton finishing industry," p.66.

Milyutov, V.A. - Improvement in technical information, p.67.

Khalezova, E.I., Malcev, M.S. - Comments by assistant foremen on a manual for organizing their labor, p.68.

Summaries, p.70.

Following up published material, p.71.

Miscellaneous items, p.72.

Vol. 16, no. 11, Nov. 1956.

Table of contents translated:

For new success in socialist competition, p.1.

Bluchek, B.G. - Establishing norms for the performance of centrifugal rayon spinning machines, p.4.

Valovnik, D.V. - Improve intrafactory business accounting in synthetic fiber enterprises, p.7.

Dravyi, Z.A. - New varieties of fine fiber cotton plants, p.9.

Omarov, I.M. - Operations of warm retting plant, p.10.

Perepelkin, K.E., Meos, A.I. - Effect of the conditions for decreasing viscose on the spinning process, p.13.

Geller, B.E. - Effect of molecular weight and polymolecularity of vinyl perchloride resin on the physical and mechanical properties of "chlorin" fibers, p.14.

Roskin, E.S. - Polyacrylonitrile fiber "nitron," p.16.

Zhidovich, A.I., Breidbard, B.M. - For an efficient increase in cop weight for cotton spinning machines p.20.

Gaulin, K.M. - Device for increased drawing, p.23.

Afonchikov, F.A., Bernikova, T.P., Khromova, I.I. - Straightening the aliver on the stand of a combing machine, p.25.

Agapova, N.P. - Selecting an efficient weight for battens on silk looms, p.27.

Romanov, G.N. - Forming a colored design on the warp in multicolored weaving, p.29.

Dokin, K.A. - Dyeing viscose rayon staple on KhK-180 continuous-process cotton dyeing apparatus, p.33.

Kozlov, M.P. - Methods of oxygen bleaching of textile fabrics, p.34.

Rostovtsev, V.E. - Improving continuous dyeing of cotton fabrics with sulfur dyes, p.36.

Andreev, P.I. - Distribution of air delivered to the plant through uninsulated ducts, p.37.

Kuvichinskii, V.V. - New materials for thread guides p.41.

Zvozdlin, L.P., Bal'kov, A.I. - BIM factory practices, p.44.

Kultgin, A.V. - Development of large-scale activity among inventors, p.46.

Klimov, M.N., Chelkin, B.S., Landa, E.F. - New method of jointing kersey, p.50.

Krupinov, P.N. - Calender rolls, p.51.

Stepanova, Z.S. - Using admixtures for the lubrication of textile machinery, p.55.

Phokti, A.E., Shostak, G.F. - Increasing the weight of packages, p.56.

Onischkin, V.V. - Automatic regulating device, p.

Timofeev, P.P. - Modification of shuttles, p.58.

Vidrevich, IA.V. - Improvement of production planning and accounting, p.59.

Klunov, N.V. - Simplification of the workers' accounts, p.62.

Mitiushin, N.L. - Preparatory processes in the flax industry abroad, p.63.

New type of printing machine, p.66.

Pozhidaev, N.N. - Valuable manual on textile materials, p.68.

Taranov, S.V. - Booklet about efficiency workers, p.70.

From pages of foreign journals, p.71.

ZHURNAL MOD [FASHION MAGAZINE], Published by Ministerstvo promyshlennykh tovarov shirokogo potrebleniia SSSR [Ministry of Consumers' Goods Industry of the U.S.S.R.], Moscow, vol. 12, no. 4(40) 1956.

## g) MECHANICAL ENGINEERING

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Izvestiia, Seriia energeticheskaia [ACADEMY OF SCIENCES OF THE KAZAK[illegible] S.S.R. Bulletin, Power Series], Alma-Ata, n

Table of contr

Zakharov, V.P., Cl
termining the ope
power stations and systems, p.3.

Arykova, A.I. - Results of investigation of the flushing sluice of trench sand and gravel traps, p.46.

Poner, P.A. - Method for calculating trench-type sediment traps for intake works with a grate-covered chamber, p.64.

Nazarov, T8.A. - Passage of anchor ice through turbines in low-capacity diversion-type hydroelectric power stations, p.76.

Vulis, L.A. - Calculation of free turbulent streams of a compressible gas, p.87.

Tonkonogii, A.V., Basina, I.P. - Burning some Kazakh coals in a cyclone furnace, p.103.

Bukhman, S.V., Chernov, A.P. - Flow of particles in a free axially symmetric stream, p.114.

Koshechkin, V.V. - Constructing Fanno lines in an entropy diagram, p.119.

Chernov, A.P. - Methods for measuring power losses in engines overcoming harmful resistances, p.128.

AKADEMIIA NAUK SSSR. Energeticheskii Institut. Komissiia po gazosilovym ustanovkam. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Power Engineering. Commission on gas Power Installations. Bulletin], Moscow, no. 2, 1947.

Table of contents translated:

Chernyshev, A.B. - State of work on the conversion

of internal combustion engines from liquid fuel to gas and the outlook for the development of gas power installations. p. 3.
Shishakov, N. V. - Fuel supply for gas power installations. p. 9.
Lebedev, S. E. - Conversion of a two-stroke low-compression oil engine to gas. p. 18.
Chernogubovskii, I. P. - Diesel engines operating on gas with spark ignition fuel oil. p. 26.
Riazantsev, V. V. - Work of Diesel Assembly on the conversion of diesels to gas. p. 37.
Lebedev, M. V. - Organizational questions concerning the conversion of internal combustion engines to gas. p. 40.
Kantorovich, B. V. - Work of the Commission on Gas Power Installations in conjunction with the Krzhizhanovskii Power Engineering Institute of the Academy of Sciences of the U.S.S.R. p. 42.
Resolution of the second conference on the conversion of stationary internal combustion engines from liquid fuel to gas convened by the All-Union Scientific Society of Power Engineers and the Commission on Gas Power Installations in conjunction with the Power Engineering Institute of the Academy of Sciences of the U.S.S.R. p. 46.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog SSSR [Ministry of Automotive Transport and Highways of the U.S.S.R.]. Moscow, vol.34, no. 10, Oct. 1956.

Table of contents translated:

For greater production of garage equipment. p. 1.
Regulate wages in the automotive transport industry. p. 3.
Ivanov, IU. - Planning, recording and organizing TO-1 and TO-2 (maintenance) by the days of the week. p. 5.
Vaisfel'd, V., Gromov, V. - Dispatcher control in centralized freight haulage. p. 7.
Shirinskii, A. - Investigation of the performance of automobile systems under operating conditions. p. 9.
Fridshtein, V. - First experience with operating the ZIL-127 bus. p. 12.
Mikhailov, N. - Raise the quality and reduce time spent in lubrication work. p. 15.
Selitskaia, S., and others. - Prolonging the life of lead storage batteries. p. 16.
Losavio, G., Semenov, N. - Using diluted oils in wintertime operation of automobiles. p. 18.
Kolychev, A. - Improving the organization of automobile repairing. p. 19.
Krasheninnikov, D. - The IAAZ-214 truck. p. 22.
New saddle truck tractor and semitrailers. p. 25.
Training cadres. p. 27.
Readers' letters. p. 29.
Automobile racing. p. 30.
Exchange of experience. p. 31.
Information. p. 34.
Abroad. p. 36.
Reviews and bibliography. p. 39.
New books. p. 3 of cover.

Vol. 34, no. 11, Nov. 1956.

Table of contents translated:

Assure uninterrupted transport of freight and passengers in winter. p. 1.
Smirnov, D. - Selecting efficient forms of labor organization and wages for repair and service workers. p. 5.
Kriukov, A. - Suggestions by the collectives of motor transport organizations. p. 8.
Minaev, N. - Mixed or specialized work teams? p. 9.
Eremenko, A. - Experience in scheduling wages for repair and service workers in motor transport enterprises. p. 10.
Pavlenko, V. - Ways of introducing dispatcher radio communication in automotive transport enterprises. p. 13.
Romashin, N. - Truck for transporting pipe. p. 14.
Bazilevich, G. - Semi-trailer for transporting furniture. p. 15.
Prudinskii, IA. - Assembly line maintenance of automobiles. p. 17.
Sokolov, L. - Causes of noise in the rear suspension of the M-20 Pobeda automobile. p. 19.
Bergman, M. - Reconstruction of garages in changing automobiles over to ethyl gasoline. p. 21.
Ushakov, B. - Organizing alternating assembly lines for automobile maintenance. p. 22.
Letters to the editor. p. 26.
Brail'chuk, P. - Efficient method of cylinder boring. p. 27.
Primak, L. - Device for simultaneous boring of camshaft bearings for the GAZ-51 and M-20 engines. p. 29.
Training cadres. p. 31.
Exchange of experience. p. 32.
Information. p. 34.
Abroad. p. 36.

CHASOVYE MEKHANIZMY [WATCH AND CLOCK MECHANISMS]. Issued by Nauchno-issledovatel'skii institut chasovoi promyshlennosti (Scientific Research Institute of the Horological Industry). Moscow, no. 1, 1955.

Table of contents translated:

Preface. p. 3.
Cherniagin, B. M. - Design of temperature-compensated balance-hairspring systems. p. 5.
Cherniagin, B. M. - Correction of chronometer time indications taking the integral value of secondary errors into consideration. p. 50.
Torgov, A. M. - Graphic analytic method for evaluating the precision of watch rate. p. 55.
Levitan, E. I. - Analytic investigation of the torque diagram of the "Pobeda" watch spring. p. 103.
Levitan, E. I. - Fuses for compensating spring moments. p. 116.
Levitan, E. I. - Effect of the nonequilibrium of the balance wheel on its oscillation periods. p. 124.
Borisov, A. S. - Designing and investigating small-module gearwheels used in watch trains. p. 135.
Romanov, V. A., Podolinskaia, S. N. - Improving the quality of material used for hairsprings. p. 155.
Fuks, G. I., Gal'tsova, N. E., Uss, I. I. - Low-viscosity oils for lubrication of watches. p. 165.
Fuks, G. I. - Lubricating properties of instrument oils. p. 186.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Ministerstvo tiazhelogo mashinostroeniia SSSR [Ministry of Heavy Machine Building of the U.S.S.R.]. Moscow, no. 11, Nov. 1956.

Table of contents translated:

Dobrynin, O. N., Model', Z. G. - Once-through type boiler for very high steam parameters. p. 1.
Sliding type of blowoff device for convective heating surfaces. p. 6.
Sokolov, B. P. - Determining deformations and stresses in flat parts with the aid of fine grids. p. 7.
Simson, A. E., Grinsberg, F. G. - Increasing the power of engines by cooling the air charge. p. 13.
Toropov, V. A., Mart'ianov, G. I. - Manufacturing welded austenitic steel rotors; from the experience of the Leningrad Metallurgical Plant and the Central Scientific Research Institute of Technology and Machinery Manufacturing. p. 18.
Smoliarov, L. G. - Repairing the jacket of the shaft of a hydraulic turbine without disassembling the installation. p. 21.
Matveev, A. V. - Impulse safety device for high-pressure and superpressure boilers. p. 23.
Modernization of metalworking machines; a note. p. 24.
Shubenko-Shubin, L. A. - Gas turbine manufacturing in Switzerland; personal impressions. p. 25.
Maiseva, O. E. - Breakdown of turbogenerator rotors in the United States in 1954. p. 30.
At the "Krasnyi kotel'shchik" Plant; a note. p. 31.
Survey of work on power machinery carried out in the first half of 1956 by the Central Scientific Research Institute of Technology and Machinery Manufacturing. p. 32.
List of works published in the first half of 1956 by the Polzunov Central Boiler and Turbine Institute (to be continued). p. 32.

KHARKOV. INSTYTUT INZHENERIV ZALIZNYCHNOHO TRANSPORTU. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Moscow, no. 26, 1956. Sbornik nauchnykh statei [Collection of scientific articles].

Table of contents translated:

Foreword. p. 3.
Vinogradov, A. I. - Determining elastic-plastic displacements in rod systems. p. 5.
Verbovskii, G. G. - Longitudinal and transverse bending of double-seat rods. p. 30.
Sereda, V. T. - Experimental investigation of the dynamics of a locomotive connecting rod and piston mechanism when there is considerable play in the piston bearings. p. 60.
Sereda, V. T. - Dynamics of the leading pair of wheels when the axle bearings are worn. p. 80.
Angeleiko, V. I. - Effect of lateral horizontal forces on stresses in rails. p. 112.
Kostiuk, A. P. - Analytic methods of calculating flywheel mechanisms. p. 143.
Kostiuk, A. P. - Stability of locomotives in relation to jumping the track while moving around curves. p. 156.
Kovtun, D. G. - Equations for the movement of a wheel with cushioned element along a curve of elastic-deforming material. p. 190.
Pronenko, A. A. - Free torsion in composite metal beams. p. 197.
Vasil'ev, V. G. - Residual sagging in rod systems beyond the elastic limit. p. 213.
Andrievskii, V. G. - Permissible compression force on a railroad car. p. 235.

MASHINOSTROENIE; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [MACHINE BUILDING; Translations and Surveys of Foreign Periodical Literature]. Moscow, vol. 5, no. 12(42), 1956.

MEKHANIKA; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [MECHANICS; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 7, no. 6(40), 1956.

MOSCOW. AVTOMEKHANICHESKII INSTITUT. Nauchnye trudy [AUTOMOTIVE ENGINEERING INSTITUTE. Scientific Papers]. No. 3, 1955. Issledovanie konstruktsii traktorov [Investigation of tractor designs].

Table of contents translated:

Preface. p. 3.
Ivanov, V. V. - Dynamics of cable reel systems during the process of letting out cables from a moving electric tractor. p. 5.
Balantsev, A. M. - Measuring tensile stresses in the caterpillar tracks of tractors. p. 21.
Alkhimov, G. F. - Law of loading and theory of stepped transmissions used in tractors. p. 31.
Spundo, IA. A. - Feasibility of using prolonged expansion cycles in tractor engines. p. 46.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TEKHNOLOGII I MASHINOSTROENIIA. [Trudy] [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF TECHNOLOGY AND MACHINE BUILDING (Transactions)]. Vol. 81, 1956. Povyshenie nagruzochnoi sposobnosti zubchatykh peredach i snizhenie vesa [Increase of load capacity of gears and reduction of their weight].

Table of contents translated:

Preface. p. 3.
Borovich, L. S. - Operation and performance analysis of reducing gears used in rolling mills. p. 5.
Borovich, L. S. - Effect of reasonable basic parameter selection on the weight reduction of reducing gears. p. 42.
Gabrichevskii, B. N. - Improved reducing spur-gears and housing designed to reduce their weight. p. 54.
Pavlov, Z. P. - Load conditions and tooth-surface supporting capacity of gear wheels. p. 74.
Trubin, G. K. - Investigating skew gears having off-pitch-point engagement of the second type. p. 109.
Pototskii, M. S., Pavlov, Z. P. - Load capacity of skew gears having off-pitch-point engagement of the second type. p. 137.
Pototskii, M. S. - Dynamic loads on the teeth of straight-tooth gears. p. 149.
Kist'lan, IA. G., Frenkel', I. N. - Experimental determination of tooth rigidity of spur gear wheels with external engagement. p. 172.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions], no. 120, 1956. Voprosy tekhniko-ekonomicheskikh raschetov na transporte; sbornik statei [Technical and economic problems in railroad transportation; collection of articles].

Table of contents translated:

Foreword. p. 3.
Darkov, N. N. - Evaluating the efficiency of mixed railroad and waterway transportation. p. 4.
Shukstal', IA. V. - Structure of the vertical track profile and a method of determining the running speed of trains for making technical and economic calculations. p. 20.
Izosimov, A. V. - Calculating haulage costs in evaluating the efficiency of introducing new types of freight cars. p. 44.
Abramov, A. P. - Monetary evaluation of improving the use of freight containers. p. 67.
Zakharov, A. G. - Determining the conditions for economic use of railroad sidings. p. 83.

No. 123, 1956. Issledovanie ustroistv energosnabzheniia elektricheskoi tiagi [Investigation of electric traction power supply installations].

Table of contents translated:

Foreword. p. 3.
Petrov, G. A. - Rapid acting cut-out switch for railroad motorcars. p. 5.
Sokolov, S. D. - Investigation of internal and external supertension in traction substations. p. 13.
Sokolov, S. D. - Compounding mercury rectifiers for traction substations. p. 56.
Treivas, M. D., Lapin, V. B. - The effect of traction substations with mercury current rectifiers on a.c. and rectified current networks. p. 70.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol. 16, no. 1(6), Aug. 1956. [Supersedes "Tekhnika zheleznykh dorog."]

Table of contents translated:

Bartosh, E. T., Evtushenko, A. M., Shevchenko, L. A. - Gas turbine locomotive with two-stage fuel combustion. p. 3.
Vershinskii, S. V. - On the design speeds of railroad cars. p. 6.
Shadikian, V. S., Toropchinov, A. N. - Determining wear resistant properties of oils with the aid of radioactive isotopes. p. 17.
Fokin, M. D. - More accurate calculation of braking distances. p. 22.
Mel'nik, D. M. - Prospective development in mechanizing time-consuming snow removal work. p. 27.

Evdak, A.A. - High speed gear-cutting machines. p.31.
Stepanov, I.I. - External appearance of machine tools. p.33.
Shmanov, V.A. - Increasing the efficiency of vertical cutting machines. p.35.
Shvetsger, I.N., Erlikh, L.B. - Designing smoothly moving feed mechanisms. p.26.
Pronkin, N.F. - Effect of cold hardening on the broaching of heat-resisting metals. p.29.
Krupskii, B.I., Glazman, L.P. - Using electric metal spraying in the repair of metal-cutting machines. p.32
p.32.
Markelov, P.A. - High-speed form milling of surfaces by hard alloy cutters. p.33.
Borul'nik, A.K., Dolmatov, E.G. - Lathe attachments for external work. p.35.
Dydkov, P.H. - Device for machining large-size work pieces. p.36.
Derbisher, A.V. - Automatizing eccentric presses. p.36.
Nolik, S.M. - Remodeling vertical boring and turning machines. p.38.
Rozhitskii, B.V. - Key slot broaches. p.38.
Kogan, A.I. - Dies with inserts for upsetting slotted screw heads. p.39.
Ivanov, I. - One-piece cams and spare parts for lathe chucks. p.39.
Dallura, P.G. - Adjusting radial slotter tools. p.40.
New machines and instruments. p.41.
Malinkina, E.I. - "Tool steels" by Yu.A.Geller. p.43.
Books. p.43.
Dissertations. p.44.
Periodicals. p.44.

STROITEL'NOE I DOROZHNOE MASHINOSTROENIE [ROAD AND CONSTRUCTION MACHINERY BUILDING]. Issued by Ministerstvo stroitel'nogo i dorozhnogo mashinostroyeniia SSSR. [Ministry of Road and Construction Machinery Building of the U.S.S.R.]. Moscow, no. 11, 1956.

Table of contents translated:

The thirty-ninth anniversary of the Great October Socialist Revolution. p. 3.
Nemirovskii, E.I. - Immediate tasks of road machinery construction. p. 4.
Barliaev, K.M. - Development of the production of equipment for the building materials industry is one of the most important tasks for the Ministry. p. 8.
Shatsashov, A.P., Kozhemiakin, A.S. - Determining the path of movement of the teeth of excavator buckets. p. 12.
Krauzberg, M.I. - On diesel-electric drive for multi-bucket excavators. p. 14.
Epshtein, A.L. - Trailer for transporting excavators. p. 17.
Volosov, N.S., Kuts, M.P. - Standard plant for producing products made of cellular concretes with a capacity of 30,000 cubic meters per year. p. 18.
Kokin, V.D., Tiumin, N.F. - Mobile D-370 mixer and D-371 loader. p. 21.
Komissarchik, N.A. - Electromagnetic vibrators for concrete placers. p. 23.
Barmash, V.N. - New mechanical tools and machines for construction and finishing work. p. 25.
Melamud, V.I., Rushchits, V.R., Zimin, N.K. - Semi-automatic sharpening and lapping of ceramic-metal cutting tools. p. 31.
Gorbovets, M.N., Gus'kov, A.S. - Device for placing reinforced concrete columns in frame-panel construction work. p. 34.
Kratshukov, V.I. - Idle run stopping device for lathes. p. 35.
Kurdin, B.A. - Mechanical dismantling of iron stators and rotors. p. 36.
Dikhovskii, P.V., Nemirovskii, E.I. - All-purpose silk
Rubes
ele
Relat
of
Anor

T?

U.S.S.R., and the Academy of Sciences of the
Moscow, vol. 3, no. 11, Nov. 1956.

Table of contents translated:

Lokshin, V.A., Krol', L.B. - Recommendations for designing natural circulation boilers for very high steam parameters. p.3.
Kosheley, I.I., Ploskovitov, M.A. - The 08-SP 300/215 once-through-type boiler for very high steam parameters. p.10.
Davidov, A.A., and others. - Dynamic characteristic of once-through-type boilers. p.10.
Mironov, V.D. - Systems for automatic control of combustion with the use of oxygen meters. p.25.
Diel', M.A. - Automatic control of superheated steam temperature in TP-150 boilers. p.30.
Kolodiney, Kh.I., Orel'chenko, I.F. - Investigation of a high-intensity gas generator for gas-turbine installations. p.37.
Lagutinov, I.N., Semenova, T.P. - Properties of heat-resistant EI-257-Teicol. p.42.
Zinger, N.M., Andreeva, K.S. - Study of hydraulic conditions in a complex heating network by means of an electronic model. p.45.

, M.S. - Protection of offshore structures in petroleum industry. p. 206.
idov, A.A. - Cathodic protection against cor-ion of offshore structures in the petroleum stry. p. 230.
, M.S., Shakhtakhtinskaia, G.G., Farkhadov, - Interaction of cathodic protection and cement ings. p. 250. [MICROFILM]

ZHURNAL [MINING JOURNAL]. Organ of Mini-ra chernoi i tsvetnoi metallurgii SSSR [Ministries rous and Nonferrous Metallurgy of the U.S.S.R.]. w, no. 10, Oct. 1956.
ble of contents translated:
kii, V.N. - Mines of the Sokolovka - Sarbay ore ssing combine. p. 3.
alenko, L.N. - Kachkanar ore dressing combine.
nko, A.K. - Improve the work of the Krivoy scientific research and construction organiza-s. p.15.
n, B.S., Kapitanov, T.V. - Mining system movable, sectional timbering. p. 18.
henko, K.IA. - Organization of work cycles in ing. p. 23.
, A.V., Burtsev, L.I. - Handling lumpy ore in ce block caving systems. p. 27.
L.I. - Development of underground mining niques in capitalist countries. p. 32.
obile transportation in open pit mining in choslovakia. p. 42.
V.S. - Some problems of further development ine fan design. p. 46.
, F.N., Gamilov, M.A. - Flotation of magnet-and hematite from tailings produced at the nogorsk plant. p. 49.
v, F.N. - Dust and gas pollution of the air in p mining using automobile transportation. p. 54.
, G.L., and others. - Improving industrial itation and hygiene conditions at the Kamysh-an mines. p. 57.
nditioning in the mining industry abroad. p. 59.
ilata, G.I. - Mono-cable carriers with auto-ic unloading. p. 61.
, E.B., Esenin, N.I. - New automatic control imit the speed of hoisting machines. p. 61.
and articles on mining. p. 63.

UGLIA [MASTER OF COAL]. Issued by terstvo ugol'noi promyshlennosti SSSR [Ministry Coal Industry of the U.S.S.R.]. Moscow, , no. 10, Oct. 1956.
ble of contents translated:
the road for innovators in industry. p.1.
ev, F. - The progressive practices of the scow Basin miners should be used in all other ains. p.3.
ratchenko, N. - Continuous improvement of ning practices. p.7.
ukov, V. - Gummenik's cutter-loader at the olysaevskaia-2" mine. p.9.
kov, M. - Rapid mining of loader rooms. p.10.
man, D. - Timofei Lygin's mining brigade. p.11.
in, E. - Sectional, reinforced concrete supports crosscuts. p.13.
malev, A., Sinitsa, I. - Improve the perform-ce of underground transportation. p.14.
lan, B. - Improved plan for the development mine field sectors. p.16.
androv, I. - Ivan Savchenko, section chief. p.17.
ina, T. - Efficiency suggestions submitted at Kopeisk mines. p.19.
in, G. - Mechanized delivery of lumber to the ine. p.21.
ovskii, V. - An electrician's valuable suggestion. 21.
itonov, V. - Platforms at the junction of slopes d drifts. p.22.
gon, V. - Improving conveyer performance. 22.
M. - Coal cutter-loader designed by the Stuzhev-ii brothers. p.23.
it, G. - Cleaning of mine cars with use of vibra-rs. p.24.
ov, F. - New displacement pump. p.25.
erman, S. - Do not infringe on the rights of ine foremen. p.26.
anchenko, G. - Mines need good gas detectors. 26.
coal basins of the country:
a depth of more than a thousand meters. p.27.
ine building during the sixth five-year plan. p.27.
hird ranking coal basin. p.27.
rogressive engineer of an electric locomotive. 28.
eaching the better practices. p.28.
ollowing family traditions. p.29.
djustment brigades. p.29.
astering of an important operation. p.29.
uarter of a century underground. p.29.
the school of mine foremen. p.29.
iner's chorus. p.30.
he ranks of physical culture enthusiasts are ing increased. p.30.
e small Karaganda line. p.30.
Friendship is growing. p.30.
Miner Vasilii Uvarov. p.30.
Library in the duty assignment room. p.30.
Malkherchik, M. - School of mining engineering in Poland. p.31.
Dladyk, V. - Books on work practices in progressive mines. p.31.
In hours of leisure. p.32.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Gornoe delo [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Mining Industry]. Nos. 37-39, Sep.-Oct. 1956; nos. 1-2, Jan. 1957.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Petroleum Industry]. Nos. 36-39, Sep.-Oct. 1956; nos. 1-3, Jan. 1957.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGO-RAZVEDOCHNYI NEFTIANOI INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM GEOLOGY AND PROSPECTING. Transactions], No. 7, 1956. Voprosy stratigrafii, paleontologii i litologii paleozoia i mezozoia raionov Evropeiskoi chasti SSSR [Problems in the stratigraphy, paleontology, and lithology of Paleozoic and Mesozoic deposits of regions of European U.S.S.R.].
Table of contents translated:
Preface. p.3.
Stratigraphy, paleontology, and lithology of Paleozoic and Mesozoic deposits of various regions of European U.S.S.R.:
Liashenko, A.I. - Biostratigraphy of Devonian deposits of southern Timan. p.4.
Ermakova, K.A. - New species of vesicular Tetracoralla. p.31.
Mukhlaev, V.G. - Outline characteristics of Dankov-Lebedyan' strata. p.37.
Il'ina, N.S., Lovina, L.M. - Mineralogical characteristics of rocks in the Yasnnya Polyana substage of the lower Carboniferous in central regions of the Russian Platform. p.62.
Somkhatova, S.V. - Stratigraphic significance of the group Chonetites mosquensis Fischer in the middle Carboniferous of the Don-Medveditsa Upland. p.73.
Belousova, Z.D. - Ostracoda from a profile of upper Permian deposits. p.117.
Makarova, T.V. - Stratigraphic position of Ufa deposits. p.135.
Flerova, O.V., Gurova, A.D. - New data on the stratigraphy and paleogeography of upper Cretaceous deposits in the Ul'yanovsk-Saratov region of the Volga Valley and in the middle reaches of the Don Valley. p.145.
Chernov, G.A. - Geological structure of the southern extreme of the Chernyshev Ridge. p.166.
Kozlov, V.P., Gladyshova, G.A. - Petroleum-bearing possibilities of the Cholyabinsk Lignite Basin. p.201.
Some results of geochemical investigations:
Subbota, M.I., Botneva, T.A. - Processes of present-day gaseous bitumen formation in swampy areas of western Georgia. p.223.
Turkel'taub, N.M., Kancheeva, O.A. - Composition of the gas desorbed from the core sample in thermal analysis of bitumen. p.234.
Turkel'taub, N.M., Abramovich, L.IU. - Expulsion method for the removal of gas. p.240.
Levit, A.M. - Formation of carbon monoxide while removing gas from cores and mud at different temperatures. p.246.

MOSCOW. VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Transactions], No. 8, 1956. Voprosy gidrodinamiki i termodinamiki plasta [Problems of hydrodynamics and thermodynamics of oil sands].
Table of contents translated:
Konstantin Alekseevich TSarovich; obituary. p.3.
TSarovich, K.A., Kuranov, I.F. - Computing the flow of the central well of a round-shaped oil pool in the case of elastic drive. p.9.
Minskii, E.M., Markov, P.P. - Experimental research on resistance of uncompleted wells. p.35.
Borisov, IU.P. - Efficient oil well spacing in narrow elongated pools. p.66.
Pilatovskii, V.P. - Developing oval-shaped oil pools. Determining the yield and bottom-hole pressure of wells spaced in an elliptical pattern. p.114.
Khein, A.L. - Approximate theory of the steady inflow of liquid and gas towards uncompleted wells having a meridional and symmetrical well-bottom design. p.142.
Pilatovskii, V.P. - Reciprocity of well arrangements depleting a pool with elastic drive in case of constant pressures in the arrangements. p.179.
Borisov, IU.P. - Hydrodynamic calculations for an elastic drive. p.208.
Piskunov, N.S. - Filtration of a fluid in a stratum nonhomogeneous in thickness and permeability. p.232.
Vakhitov, G.G., Govorova, G.L. - Some problems in radial water displacement of petroleum from a pool with nonhomogeneous permeability. p.250.
Minskii, E.M., Burshtein, M.L. - Approximate calculation of gas affluence towards the well simultaneously depleting several gas-bearing formations. p.262.
Glogovskii, M.M., Rosenberg, M.D. - Displacement of petroleum by a gas drive. p.280.
Glogovskii, M.M., Rozenberg, M.D. - Reducing calculations of the flow of an incompressible fluid. p.311.
Rozenberg, M.D. - The gas factor in the irregular filtration of petroleum containing dissolved gas. p.320.
Zinov'eva, L.A. - Calculations of the gas factor of oil pools producing with dissolved-gas drive. p.323.
Fokeev, V.M. - Comparison of calculated and experimentally found values for the viscosity of gas-free oils. p.335.
Namiot, A.IU. - Temperature changes in oil and gas wells. p.347.
Mamuna, V.N. - Some methods for determining the viscosity of petroleum in oil sands. p.361.
Fokeev, V.M., and others. - Paraffin deposits from formation oils. p.369.
Mamuna, V.N., Khaznaferov, A.I. - Studying deep-well samples of petroleum from pools with a high formation temperature. p.379.
Mamuna, V.N., and others. - Reciprocal solubility of carbon dioxide and petroleum of the Romashkinskiy field. p.392.
Namiot, A.IU. - Heat transfer during ascent of petroleum in the well. p.400.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Ministerstvo neftianoi promyshlennosti SSSR [Ministry of the Petroleum Industry of the U.S.S.R.]. Moscow, vol. 1, no. 11, Nov. 1956.
Table of contents translated:
Petroleum workers are fulfilling their obligations to the 39th anniversary of the October revolution. p.1.
Kozlov, A.V. - In every way possible promote the action of innovators and efficiency promoters. p.3.
Babikov, A.N., Chepurnoi, S.I. - Drilling wells with an electric drill in casings. p.5.
Egorov, I. - The electric drill breaks through by itself. p.9.
Pokhodilo, D.N. - Scraper for cleaning paraffin in pipes of free-flowing wells. p.12.
Ginberg, S.V., Uchastkin, V.P. - Methods of utilizing vapor from expanders in condenser systems of oil refineries. p.13.
Varshaver, E.M., Bernadiuk, Z.A., IAstrebov, G.I. Two-step filtration in deparaffination plants. p.16.
Borisov, V.V. - Washing paraffin deposits from main oil pipelines. p.18.
Grechko, A.A. - Efficiency in the Novoufa oil refinery. p.19.
Maksimenko, M.Z. - Application of a mixing injector for neutralizing gasoline. p.20.
Filatov, V.I. - Using a welding apparatus for warming frozen pipelines. p.21.
Markov-Osorgin, A.V., Sabirov, I.Kh. - The new DGM-4 depth manometer. p.23.
Kotiakhov, F.I. - Valuation and use of oil reserves in the formation. p.24.
Lisov, V.E. - We can and should pass Baku. p.27.
Bychkov, I. Relation of scientists with industry. p.29.
Mirollubova, E. - The old and the new Bugul'ma. p.30.
Mikhailov, A. - Generalization of innovators' experience. p.31.
Purkin, B. - A new scientific research institution for petroleum workers. p.31.
Gurevich, V. - Conference of schools of higher education on new technology in the petroleum industry. p.32.
Krasnov, A. - Some cultural and everyday needs of a new petroleum workers' town. p.33.
Readers' letters. p.35.

PROBLEMY SOVREMENNOI METALLURGII; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF CONTEMPORARY METALLURGY; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 5,no. 6(30), 1956.

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 20, no. 1, Jan.-Feb. 1954.
Table of contents translated:
Faced with new tasks. p.1.
Dobrokhotov, M.N. - Origin of the Krivoy Rog type of high-grade iron ore. p.8.
Sharapov, I.P. - Control analyses of geological specimens. p.16.

B 16h

Grigor'ev, IU.L. - Steel shot-boring in rocks of varying hardness. p. 28.
Tarkhov, A.G. - Determining the depth of underground conduction bodies by the induction method. p. 33.
Grigor'eva, N.P. - Effect of a remote electrode in the combined configuration method. p. 36.
Konoplantsev, A.A. - Tasks facing hydrogeologists in the light of decisions of the September and February-March plenums of the Central Committee of the Communist Party of the Soviet Union. p. 42.
Fadeev, V.S. - Problems in reducing losses in coal production in the Karaganda Basin. p. 47.
Pal'ianov, P.F. - Results of using vibrators for repairing well-drilling accidents. p. 56.
Tyzhnov, A.V. - "Geological mapping" by V.A.Aprodov. p. 58.

Vol. 21, no. 1, Jan.-Feb. 1955.
Table of contents translated:
Work more economically and effectively. p. 1.
Malyshev, I.I. - Principal genetic types and the industrial value of titanium ore deposits. p. 5.
Kudenko, A.A. - Formation of sedimentary and metamorphic lead deposits in central Kazakhstan. p. 14.
Erenburg, B.G. - Using X-ray analysis in geological investigations. p. 19.
Chumakov, I. - Using the cone roller bit for boreholes. p. 29.
Logachev, A.A. - Computing the horizontal component of a magnetic anomaly on the basis of fixed distribution of the vertical component. p. 40.
Smirnov, L.N., Titov, N.A. - Principal requirements for geophysical work in hydrogeological and engineering geological investigations. p. 45.
Shtein, M.A., Leiboshits, A.A. - Results of increasing water well boring. p. 48.
Gavriiko, V.M. - Effect of sand on well operation. p. 53.
Savrasov, L.K. - New method for fastening the steel cable to the band wheel of the KAM-500 rig. p. 56.
Bogun, V.A. - Stopping a free-flowing well. p. 56.
Korolev, V.A. - Diagram of contour lines for geological plane tabling. p. 56.
Viktorov, A.M. - Economic method for preparing geological core samples. p. 59.
Vorotyntsev, V.T. - Machine for making steel shot in the field. p. 60.
[PHOTOSTAT]

Vol. 21, no. 2, Mar.-Apr. 1955.
Table of contents translated:
For extensive introduction of progressive technology in geological prospecting. p. 1.
IAkzhin, A.A. - Some features of the geological structure of eastern Transbaikalia. p. 6.
Petrovskaia, N.V. - Importance of productive mineral associations for exploring and prospecting for gold ore deposits. p. 17.
Khanin, A.A. - Determining oil and gas saturation and yield of pay sands. p. 25.
Veshev, A.V. - Bridge circuit of a magnetic logging device. p. 32.
Ogil'vi, A.A. - Selecting electrode arrangement for electrical logging in determining the depth of occurrence of fissured rock formations. p. 38.
Nasberg, V.M. - Effect of the diameter of a completed well on its yield. p. 42.
Mavritskii, B.F. - Equipping rotary drilled artesian wells with gravel filters. p. 45.
Moiseev, S.L. - Measure for protecting buildings against the harmful effect of mining. p. 49.
Molchanov, V.I. - Unusual wear of core bits. p. 52.
Tararin, I.I. - Drilling deep boreholes through water-gas layers. p. 54.
Syngaevskii, A.V. - Standardizing and planning geological prospecting operations. p. 57.
Bogdanov, A.A. - Practical handbook on geological surveying and prospecting. p. 59.
[MICROFILM]

Vol. 21, no. 3, May-June 1955.
Table of contents translated:
Petrov, V.P. - New forms of nonmetallic minerals. p. 1.
Ermolaev, K.F. - Delimiting individual stages of mineralization on the basis of geometric analysis in mining. p. 11.
Aronskind, S.Sh. - Technological evaluation of mineral resources in the Ural Geological Administration. p. 20.
Prokof'ev, A.P. - Methods of handling control chemical analysis. p. 25.
Zelenin, I.Kh. - Improve the quality of boring shot. p. 30.
Bukhnikashvili, A.V. - Origin of a natural electrical field of an ore deposit. p. 37.
Piskunov, L.I. - Four-point device for field measurement of specific resistivity of rock specimens. p. 41.
Klimentov, P.P. - Determining the filtration coefficient on the basis of pumping from a single well at one degree drop of the level. p. 46.
Dubrovkin, V.L., Simonov, E.V. - Methods for sampling water from wells in the case of non-homogeneous chemical composition of underground waters. p. 48.
Karen'gin, F.I. - Socialist competition between geological prospectors of the Ukrainian and Ural geological administrations. p. 54.
Sadov, A.V. - Field determination of free $CO_2$ in carbonate waters. p. 55.
Shumilkin, S.V. - Application of the immersion method. p. 57.
Korolev, A.V. - Some errors of Kh.M.Abdullaev. p. 59.
New books. p. 63.
[MICROFILM]

Vol. 21, no. 5, Sep.-Oct. 1955.
Table of contents translated:
Present conditions and impending tasks facing the geophysical program. p. 1.
Sarsadskikh, N.N., Popugaeva, L.A. - New data on the phenomenon of ultrabasic magmatism in the Siberian Platform. p. 11.
Blinov, N.I. - Increase the durability of drill casing. p. 21.
Tyzhnov, A.V. - Cost of prospecting. p. 31.
Tarkhov, A.G., Vantsian, G.M. - Prospecting hydroelectrometry. p. 37.
Plotnikov, N.A. - Estimating exploitable reserves of ground waters by means of underground water intake installations. p. 46.
Maliuga, D.P. - New device for obtaining samples from soil layers and washes. p. 52.
Blazhkov, V.I. - Settling tanks are unnecessary for building artesian wells. p. 53.
Emel'ianova, E.P. - Survey of the present-day technology of engineering geological research abroad. p. 54.
[MICROFILM]

Vol. 21, no. 6, Nov.-Dec. 1955.
Table of contents translated:
Baranov, V.I. - Present-day concept of the problem concerning the age of the earth. p. 1.
Rybakov, F.F. - Magnesites of the Saratov trans-Volga region. p. 7.
Zenkov, D.A. - Four types of variability of ore bodies. p. 9.
Mazurov, S.M., Posvol'skii, M.V., IAnovskii, V.V. - Research in the field of obtaining new heavy liquids for analyzing spore-pollen, diatoms, and minerals. p. 16.
Lobov, V.A., Koprova, N.A. - Method of establishing gas-liquid boundaries in pools having carbonate reservoirs. p. 20.
Ogarkov, V.S. - Quality and reliability of core drilling data in testing coal deposits. p. 27.
Kasatkin, D.P. - Some results of geophysical prospecting in northern Turkmenia. p. 34.
Sollogub, V.B., Raikher, L.D. - Some recommendations for conducting seismic observations in borehole testing. p. 43.
Mukhin, IU.V. - Hydrogeological observations in mechanized cable drilling. p. 47.
Shestakov, V.M. - Determining filtration coefficients of anisotropic layers on the basis of pumped test samples. p. 52.
Pal'ianov, P.F. - Self-orienting whipstock for well deflection. p. 56.
Kalmykov, N.N. - Further improvement of methods for planning and paying for geological work. p. 58.
Krasulin, V.S. - ARM Arveia magnetometer. p. 59.
Kalenov, A.D. - V.I.Smirnov's book "Geological principles of exploring and prospecting for ore deposits." p. 60.
Shmanenkov, I.V. - "Qualitative chemical analysis of ores and minerals by trituration" by P.M.Isakov. p. 61.
Visit in the Soviet Union of the delegation of geologists and mining engineers from countries of Asia and the Far East. p. 62.

Vol. 22, no. 10, Oct. 1956.
Table of contents translated:
Zhilinskii, G.B. - Ancient alluvial deposits of central Kazakhstan. p. 1.
IAvorskii, V.I. - Study of the Kuznetsk Basin geology in the sixth five-year plan. p. 11.
Sigov, A.P. - Application of an industrial prognostic method to terrigenous components. p. 14.
Mironov, K.V., Nekipelov, V.E., Fedorov, V.S. - Quality of geological prospecting operations and laboratory processing of data. p. 23.
Kalenov, A.D. - Estimating the content and reserves of constituent elements. p. 31.
Gerashchenko, N.P. - Mining engineering characteristics of rocks. p. 34.
Voskoboinikov, G.M., Deev, L.L. - Density logging of coal-prospecting test holes. p. 38.
Samsonov, V.N. - Engineering geological grading of loess-like soils. p. 47.
Rodionov, N.V. - Conference on karst. p. 54.
Vorontsov, N.I. - Theodolite stage for determining the steric state of structural elements in oriented ore samples. p. 58.
Mirimanov, G.I., Burchuladze, Sh.V. - Testing the strength of a 22-meter sectional metal drilling rig. p. 62.

STALINSK, SIBIRSKII METALLURGICHESKII INSTITUT. Trudy [SIBERIAN METALLURGICAL INSTITUTE. Transactions]. No. 2, 1955. Issledovanie protsessov obrabotki metallov davleniem [Investigation of metal presswork processes].
Table of contents translated:
Preface. p. 3.
Skorokhodov, N.E., and others. - Measuring the pressures exerted in the cold rolling of thin sheets. p. 5.
Skorokhodov, N.E., and others. - Determining acting forces in friction and eccentric presses. p. 19.
Zaikov, M.A. - Resistance of carbon steels to uniaxial deformations. p. 30.
Chelyshev, N.A. - Pressure resistance in the minor deformations range. p. 56.
Sokolov, L.D., Zaikov, M.A., Chelyshev, N.A. - Experimental study of specific flow stresses during extrusion pressing. p. 62.
Zaikov, M.A. - Flow curves representing steel deformations. p. 69.
Chelyshev, N.A. - Cutting metals by shears with parallel cutting tools. p. 100.
Abakumov, V.A. - Analytic expression of speed characteristics of d.c. motors with series excitation p. 149.
Abakumov, V.A. - Mechanical automatization of series-excitation motors with engine-generator feedback systems. p. 159.
Abakumov, V.A. - Simultaneous machining of commutators of two generators used as the main drives of rolling mills. p. 173.

STROITEL'STVO PREDPRIIATII NEFTIANOI PROMYSHLENNOSTI [CONSTRUCTION OF PETROLEUM INDUSTRY ENTERPRISES]. Issued by Ministerstvo stroitel'stva predpriiatii neftianoi promyshlennosti [Ministry for the Construction of Petroleum Industry Enterprises]. Moscow, vol. 1, no. 6, Oct. 1956.
Table of contents translated:
Creative initiative of workers and specialists is an inexhaustible source of technological progress. p. 1.
Nikolaev, S.I. - Improve safety measures and eliminate injuries. p. 2.
Zil'berberg, A.L., Freidlin, M.L. - Tasks of MNP planning institutes in industrializing the assembly of piping systems. p. 4.
Aronov, S.N. - Standardizing oil-water separators and pump stations. p. 5.
Volosov, N.S., Malorov, B.A., Rozhavskii, I.M. - Automatic control of the process of the heat and steam treatment in autoclaves. p. 8.
Kisliuk, F.I. - Using high-frequency currents to solder T-shaped steel pipeline connections used in sanitary engineering. p. 11.
Shamanin, G.N. - Adapting the PSh-5 semiautomatic apparatus for welding parts and connections of pipelines. p. 13.
Gofman, A.B., Rubtsov, V.A. - Manually operated diaphragm pump for pumping gasoline. p. 14.
Ushakov, A.I. - Changing a tensile-testing machine from manual to mechanical operation. p. 15.
Kudriavtsev, N.M. - Vibration cutter for cutting washers. p. 16.
Zolkin, P.L. - Jib crane for assembling storage tanks from rolled materials. p. 16.
Butkevich, IU.M. - Efficiency promoters of the Tallin Machine Building Plant. p. 17.
Kozakov, A.G. - Device for making openings in tube plates. p. 18.
Melekhova, E.T. - Machine for cleaning rust from exterior surface of pipes. p. 20.
Zelin, G.N. - Mechanizing the vertical hoisting of materials in heat-insulating operations. p. 21.
IAblonovich, G.S. - New method of roofing during the winter. p. 24.
Levkovich, L.L. - Advanced method for assembling fractionating columns. p. 25.
Tabukashvili, V.S. - New designs for acid water disposal systems. p. 26.
Idashkin, S.I. - Prestressed reinforcement of reinforced concrete tank bottoms. p. 28.
Quick replacement of a reactor of a catalytic cracking plant. p. 30.
Mikhailov, N.V., Gal'perin, M.P. - Useful book. p. 31.
New books. p. 31.

TORFIANAIA PROMYSHLENNOST' [PEAT INDUSTRY]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow. vol. 33, no. 7, 1956.
Table of contents translated:
Editorial: Thirty-ninth anniversary of the Great October Socialist Revolution. p. 1.
Usponskii, V.V. - Raise the technical level of equipment overhauling. p. 5.
Conference on the organization of tractor repairing by the continuous-subassembly method. p. 7.
Conference on the reduction of labor costs and production cost of milled peat. p. 14.
Kiselev, V.N. - Improve the work of milled peat enterprises. p. 24.
Rozenberg, B.I. - Using radiotelephone capacitors for raising the power factor of peat enterprises. p. 27.

Krukov, M.N. - Distribution of bog depths in peat deposits of various types. p.29.
Paremskii, B.D. - Peat enterprises in the People's Republic of Poland. p.32
"Liliput" peat excavator. p.35.
Exchange of experience. p.36.
Brief news. p.38.
Results of all-Union socialist competition in the peat industry under the Ministry of Electric Power Stations during June and July 1956. p.30.
Literature on peat. p.40.

TSVETNYE METALLY [NONFERROUS METALS]. Organ of Ministerstvo tsvetnoi metallurgii SSSR [Ministry of Nonferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 29, no. 10, Oct. 1956.

Table of contents translated:

Bessonov, S.V. - Organizing scientific research requested by industry in schools of higher learning. p.1.
Gorodetskii, M.I. - Increasing labor productivity in ore dressing plants. p.6.
Chumakov, L.I., Tarasov, IU.A. - Using flotation machines for cyaniding gold-bearing ores. p.10.
Iordanov, I., Dimitrov, D. - Lead and zinc plant in the People's Republic of Bulgaria. p.13.
Diomidovskii, D.A. - The furnace theory in nonferrous metal industries. p.19.
Davidson, A.M. - Optimum parameters for shaft furnaces being used in nonferrous metal industries. p.31.
Reznik, I.D., Sherman, B.P., Sokin, B.G. - Starting the operation of a KT-100 oxygen plant in the Southern Urals Nickel Combine. p.34.
Lisin, D.M., Poletaev, G.S. - Briquetting and coking coal ore mixtures in zinc pyrometallurgy. p.39.
Rempel', S.I., Popov, R.B. - Radioactive radiation used in the automatic control and regulation of pulp composition. p.47.
Zhevnovatyi, A.I. - Investigating the process of calcinating aluminate solutions in continous-action columns. p.54.
Kushakevich, S.A., Lazarev, M.M. - Operating machines for continuous annealing of nonferrous metal strips by the electric resistance method. p.64.
Rura, A.M. - Drawing copper wire at a speed of 36 meters per second. p.69.
Mechanizing labor consuming operations in an ore dressing plant. p.80.
All-Union conference of workers in the pipe industry. p.82.
Discussion at the "Electrozinc" plant of a book by I.M.Graisershtein, R.D. Malinova, entitled "Organization and planning in nonferrous metal industries." p.84.
Discussion at the Urals' aluminum plant of V.A.Mazel's book "Production of alumina." p.85.
New technical publications. p.86.
Kogan, B.I. - Prices of rare elements in capitalist countries. p.89.

ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of Ministerstvo chornoi metallurgii SSSR [Ministry of Ferrous Metallurgy of the U.S.S.R.]. Moscow, vol. 22, no. 7, 1956.

Table of contents translated:

Reagents and laboratory chemical equipment. p.763.
Belen'kii, L.I. - The present-day problem of the application of methods for checking and regulating the pH value. p.767.
Platigorskii, M.G. - Determination of carbon content in steel based on the hardness of quenched test pieces. p.778.
Usatenko, IU.I., Gureeva, L.I. - Separation of aluminum and zirconium by the method of ion exchange. p.781.
Luft, B.D., Sher, E.S. - Determining minute amounts of mineral oils in organic solvents and on the surface of metal parts. p.784.
Davankov, A.B., Laufer, V.M. - Determining precious metals with ionites. p.788.
Pesochinskaia, E.M. - Determining small amounts of iron in zinc sulfide by the luminescence method. p.789.
Maksimycheva, Z.T., Talipov, Sh.T., Koginova, A.M. - Volumetric determination of fluorine in tetrafluoborates. p.791.
Kolobova, K.K., Gerasimova, V.A. - Colorimetric method for determining sodium in soda-lime glass without taking weighed portions. p.794.
Atlasov, A.G. - Improvements in the determination of gases in metals by the method of vacuum melting. p.795.
Goldinov, A.L., Roginskaia, B.S. - Method for determining small amounts of calcium in brine. p.801.
Kolobnev, I.F., and others. - Use of the ultraviolet microscope for examining the structure of aluminum alloys. p.803.
Anikin, I.N. - Using the microscope for the study of high-temperature processes. p.805.
Skakov, IU.A. - Using the electron microscope for determining crystallographic orientation of grains. p.806.
Trushin, I.K. - Working hard-alloy microsections without using diamonds. p.810.
Frontas'ev, V.P. - Optical method of determining the heat conductivity of liquids. p.812.
Movchan, B.A. - Contact microroentgenography of alloy steels and alloys. p.817.
Landa, R.A. - Determination of class I stresses in hard alloys by X-ray analysis. p.821.
Konovalov, P.F., Efremov, A.I. - Rapid ionization X-ray structure analysis in the study of crystalline substances. p.824.
Moveshevich, B.I., Levandovskaia, N.N. - X-ray method for quantitative determination of silicon in a mixture containing carborundum. p.827.
Porfir'eva, N.N., Finagin, B.A. - Clearness of the characteristic spectrum of X-ray structural tubes. p.829.
Ponomarenko, A.A., and others. - Chemiluminescence method for investigating the mixing and flow of liquids. p.832.
Brief news. p.833.
Roitman, I.M. - Development of a method for mechanical testing of minute specimens. p.834.
Glutsburg, IA.S. - Simplified relaxation tests for metals and alloys. p.840.
TSeitlin, V.Z. - Third stage of stress relaxation in metals. p.845.
Mikhailov, Mikheev, P.B. - Evaluating steel sensitiveness to temper and thermal brittleness. p.849.
Meisner, B.A. - Investigating stress concentration in "admiralty" test pieces. p.853.
Fedotenko, N.S. - Determining slaty fracture in steel. p.855.
Rotnitskaia, L.G., Karasev, L.P. - Using indicators of ohmic resistance for measuring axial stresses in bolts. p.860.
IAtskevich, S.I., Balabanov, N.A. - Operation of resonance-type fatigue machines. p.858.
Mikhnevich, P.G. - Powerful magnetic defect detectors with smooth current regulation. p.860.
Afanas'ev, V.N. - Device for automatic recording of radioactive radiation. p.862.
Latyshev, V.K. - Remodeling the B-1-type apparatus for use with halogen counters. p.866.
Morozov, A.N., Povolotskii, D.IA., Isaev, V.F. - Taking specimens for determining the hydrogen content of steel manufactures. p.867.
Shakhtin, D.M. - Device for determining heat conductivity of refractories. p.869.
Belonogov, K.N., Lukomskii, IU.IA. - Electronic pH-meter with a glass electrode. p.872.
Chalyi, V.P. - Method for applying blackening marks in X-ray tests. p.874.
Zaitsev, B.G. - Laboratory piston circulating pump. p.875.
Chistiakov, IU.D., Golubtsov, I.V., Prisekov, IU.A. - Meter for recording torsional and oscillatory movements of a viscosimeter pendulum. p.876.
Brief news. p.877.
TSelovyl'nikov, V.A. - Standard planning of chemical laboratories. p.878.
Vigdorchik, V.M. - Apparatus for electric tensometric tests. p.882.
Letter to the editor. p.882.
Kocho, V.S. - Review of the book "Industrial measurement of the temperature of liquid iron alloys" by V.G.Gruzin. p.883.
New books. p.885.
Foreign books. p.886.
Aleksei Mikhailovich Vasil'ev; obituary. p.887.

Vol. 22, no. 8, 1956.

Table of contents translated:

Chernikhov, IU.A., Dobkina, B.M. - Methods for determining admixtures in zirconium. p.1019.
Tramm, R.S., Pevzner, K.S. - Determining niobium in titanium tetrachloride. p.1025.
Nikitina, E.I. - Photocolorimetric determination of phosphorus in the presence of tungsten, titanium, and niobium. p.1027.
Stolinrov, K.P., Grigor'ev, N.N. - Reaction for the detection of thallium in ores, industrial waste products and concentrates. p.1030.
Turkel'taub, N.M., Zhukhovitskii, A.A. - Chromatographic methods for gas analysis. p.1032.
Maron, F.S., Volgin, B.P. - New sampling method for sulfur dioxide. p.1039.
Chirkov, S.K. - Analysis of mineral acid mixtures by the electrometric noncompensation method. p.1041.
Brief news. p.1044.
Gintsburg, IA.S., Margolin, IU.M., Sachavskii, A.F. - Physical methods for studying slow-speed conversions in high-alloy steel. p.1046.
Golikov, I.N., Mokhir, E.D. - Evaluating the degree of dendritic liquation of carbon in steel by the microhardness method. p.1052.
Krasil'shchikov, Z.N., Shvach, E.N. - Fractographic method for controlling the quality of heat treatment. p.1056.
Perkas, M.D. - Roentgenographic method for determining carbon in the cemented zone. p.1061.
Gold'denberg, A.A. - Using various forms of the end-quench hardenability test. p.1063.
Khramov, P.P., Prorokov, F.V. - Supersonic method for investigating lamination of metal sheets. p.1066.
Litvinenko, B.IA. - Ultrasonic impulse-reflection method for testing turbine disks. p.1068.

Kniazev, V.F., Travin, O.V. - Determining the duration of processing time of materials in the refinery by the method of radioactive indicators. p.1071.
Lisitsa, M.P., TSvelykh, N.G. - Interferential microscope for measuring thin coatings and the phase shift. p.1072.
Korzh, P.D. - Thermoelectric method of determining iron in bimetallic (copper-steel) ingots and in wire. p.1076.
Gordon, G.IA. - Measuring particle size in aqueous dispersions of polymers. p.1079.
Mikhailichenko, N.G. - Metallic test pieces with various stress concentration elements in static and impact torsion tests. p.1081.
Kal'ner, D.A. - Method for determining the relationship between plastic deformation and the velocity of its propagation. p.1086.
Voloshenko-Klimovitskii, IU.IA. - Method for measuring stresses and small deformations during tensile impact testing. p.1090.
Volokhvianskaia, E.S. - Bend test for samples with stress concentration elements. p.1095.
Semin, B.A. - Cold bend tests. p.1098.
Antonovich, A.V. - Automatic control of machines for heat resistance testing. p.1100.
Verba, M.I. - Some systems for using tensometers in laboratory practice. p.1106.
Friuman, L.A., Ankudinova, V.P. - Self-compensating coercive force meter with magnetic amplifier. p.1108.
Riabov, A.V., Tarakanov, O.G., Khurtin, L.I. - Magnetic viscosimeter-dilatometer. p.1111.
Pelsakhov, I.L. - Calculating the amount of gas measured by rheometers. p.1112.
Mal'tsev, N.A., Romanov, I.M., Sharagin, A.G. - Device for measuring the speed and volume of liquid and gas flows. p.1114.
Vail', E.I., Kremer, V.A., Rybalko, E.F. - Device for potentiometric titration. p.1116.
Toropov, S.A., Gol'dina, TS.A. - Device for determining silicon dioxide by the thermal method. p.1118.
Chalyi, V.P. - Preparing cylindrical samples for roentgenography. p.1120.
Volkov, B.V. - Stop cock for fractionating columns. p.1121.
Dement'ev, Kh.N. - New testing machines of foreign production. p.1121.
Brief news. p.1125.
Vasil'ev, A.N., and others. - Use of thermocouples for temperature control of liquid steel in steel sections of the Kuznetsk Metallurgical Combine. p.1127.
Ranskii, B.N. - Incorrectness of analysis according to the All-Union State Standard no.2082-51. p.1130.
Scientific and technical conference of workers employed by the plant laboratories of the city of Rostov. p.1135.
Zamiatina, F.F. - Review of the book "Methods for analyzing and controlling the production of sulfuric acid and superphosphate." p.1136.
Prigorovskii, N.I., Vasil'ev, A.A. - Review of the book "Measuring strains and stresses" by S.P. Goncharov and others. p.1137.
Mikhail Aleksandrovich Il'inskii; on the 100th anniversary of his birth. p.1139.

## 17. MILITARY & NAVAL SCIENCES

### a) MILITARY SCIENCE

NASHI VESTI. OUR NEWS. Published by Upravlenie Soiuza b. chinov Russkogo korpusa [Administration of the Association of Former Members of the Russian Corps]. New York, vol. 13, nos. 118(2255)-119(2256), Jan. 1957.

PEREKLICHKA [ROLL CALL]. Organ of Otdel Obshchestva Gallipolitsev v S.A.S. Sh-kh [Section of the Gallipoli Society in the U.S.A.]. New York, vol. 6, no. 64, Feb. 1957.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Ministerstva oborony SSSR [Main Political Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, vol. 38, no. 16, Aug. 1956.

Table of contents translated:

Rotmistrov, P. - Holiday of Soviet tankmen. p.2.
Markin, Il'ia. - Through fire and attack. p.4.
August 26th is Miner's Day. p.8.
Fedoseev, P. - Hero of labor and expert in combat training. p.9.
Skorokhodov, Mikhal. - "Marinike"; a story. p.10.
Leikin, N. - In combat formation. p.13.
Shoror, Vl. - "It's good to live in the Baikal region. p.14.
Spartakiada of the Peoples of the U.S.S.R. p.16.
Filatov, V. - The new gate; a story. p.18.
Happy Journey, dear friends! p.21.

Sil'chenko, I. - Young Communist League team. p. 22.
Gebel', V. - Ivan Franko. p. 24.
Maksimovich, A. - Operation "Red Ring." p. 25.
Kamilar, E. - "Il'ich's lamp." p. 26.
Żukrowski, Wojciech. - Ch'u Fang-sai goes into battle. p. 27.
Bykov, V. - Land of unfrightened birds. p. 30.

b) NAVAL SCIENCE

BLOKNOT AGITATORA VODNOGO TRANSPORTA [THE WATER TRANSPORTATION AGITATOR'S NOTEBOOK]. Issued by Politicheskoe upravlenie Ministerstva morskogo flota SSSR [Political Administration of the Ministry of the Maritime Fleet of the U.S.S.R.]. Moscow, no. 21(61), Nov. 1956.

Table of contents translated:

Meshcherin, V. - New stage in the work of the Antarctic expedition. p.1.
Tereshchenko, A. - Loafing causes damage to the State. p.10.
Vinogradov, M., Seleznev, B. - Agitator Aleksei Kulichenko. p.15.
Valdman, V. - Ship repair innovators. p.20.
Demchenko, P. - In the Syrian Republic. p.25.
World shipbuilding, navigation, and hydraulic engineering; figures and facts. p.32.
Algeria. p.34.
Socialist competition among sailors and rivermen in order to fulfill the first year's work of the sixth five-year plan ahead of schedule; figures and facts. p.43.
Topics and literature for talks in December 1956. p.46.

No. 22(62), Nov. 1956.

Table of contents translated:

Ipatov, P. - For safe and healthy working conditions. p.1.
Grunin, A. - Preparing for the World Youth Festival. p.8.
Fedorishchev, D. - Agitating for rapid repair of ships. p.14.
Gekhtbarg, E. - Combined railroad and water shipping of goods. p.21.
Seiful'-Muliukov, F. - Hands off Egypt! p.31.
Strikes and lockouts in capitalist countries. p.40.
Brief news on competition; figures and facts. p.46.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Express Information. Series: Shipbuilding Industry]. Nos. 37-38, Sep. 1956; no. 1, Jan. 1957.

SOVETSKII MORIAK [SOVIET SAILOR]. Issued by Glavnoe politicheskoe upravlenie Ministerstva oborony SSSR [Main Political Administration of the Ministry of Defense of the U. S. S. R.]. Moscow, vol. 16, no. 17, Sep. 1956.

Table of contents translated:

German, V. - Letter form grandfather Kudzhu; a story. p. 2.
Elin, A., Kharin, IU. - High trade-mark. p. 4.
Tankers of the Kantemir Division. p. 6.
Dneprov, E. - No sooner said than done. p. 8.
Ivanov, K. - "Seamen gunners" by M. Patrikeitnev. p. 8.
Gusev, A. - Is the question clear? a story. p. 11.
Golovanov, K. - Chief petty officers train sailors through example. p. 13.
Zinger, Maks. - Until the last breath; a story. p. 14.
Festival of Soviet athletes. p. 16.
Porventsev, Arkadii. - Supung Hydroelectric Power Station. p. 18.
Borisov, I. - Path of a champion. p. 20.
Guests from Holland. p. 22.
Karenin, K. - Under the Neapolitan sky. p. 23.

# PART C

## List of Periodicals and Abbreviations Used

| | |
|---|---|
| kust. zhur. (13f) | Akusticheskii zhurnal [Journal of Acoustics] |
| merika (1b) | Amerika; illiustrirovannyi zhurnal [America Illustrated] |
| nnotatsii o novykh lekarstvennykh sredstvakh (14f) | Annotatsii o novykh lekarstvennykh sredstvakh [Notes on New Medicinal Agents] |
| ntibiotiki (14f) | Antibiotiki; sbornik perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Antibiotics; Translations, Surveys, and Abstracts of Foreign Periodical Literature] |
| rkh. pat. (14e) | Arkhiv patologii [Archives of Pathology] |
| rkhit. i stroi. Len. (10b) | Arkhitektura i stroitel'stvo Leningrada [Architecture and Construction in Leningrad] |
| stron. tsir. (13b) | Astronomicheskii tsirkuliar [Astronomical Circular] |
| stron. zhur. (13b) | Astronomicheskii zhurnal [Journal of Astronomy] |
| tom. energ. (16e) | Atomnaia energiia [Atomic Energy] |
| vt. dor. (16d) | Avtomobil'nye dorogi [Highways] |
| vt. transp. (16g) | Avtomobil'nyi transport [Automotive Transportation] |
| vtom. i telem. (16e) | Avtomatika i telemekhanika [Automatics and Telemechanics] |
| zerb. neft. khoz. (16h) | Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry] |
| elaruski zbornik (1a) | Belaruski zbornik [White Russian Review]. In White Russian. |
| et. i zhel.-bet. (16d) | Beton i zhelezobeton [Concrete and Reinforced Concrete] |
| iarozka (1b) | Biarozka [The Little Birch]. In White Russian. |
| iblos (2a) | Biblos; zhurnal bibliografii, krytyky i retsenzii [Biblos Journal of Bibliography, Criticism, and Reviews]. In Ukrainian. |
| iofizika (13c) | Biofizika [Biophysics] |
| iofizika, biokhimiia, fiziologiia, mikrobiologiia (13c) | Biofizika, biokhimiia, fiziologiia, mikrobiologiia; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Biophysics, Biochemistry, Physiology, Microbiology; Systematical Index of the Articles in Foreign Periodicals] |
| iokhimiia (13c) | Biokhimiia [Biochemistry] |
| iul. Abast. astrofiz. obser. (13b) | Abastumani. Astrofizicheskaia observatoriia. Biulleten' [Astrophysical Observatory. Bulletin] |
| iul. eksp. biol. i med. (14a) | Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine] |
| iul. Kom. po gazosil. ust. (16g) | Akademiia nauk SSSR. Energeticheskii institut. Komissiia po gazosilovym ustanovkam. Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Power Engineering. Commission on Gas Power Installations. Bulletin] |
| Biul. MOIP. Otd. geol. (12c) | Moskovskoe obshchestvo ispytatelei prirody. Biulleten' Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section] |
| Biul. Vulk. sta. (12c) | Akademiia nauk SSSR. Kamchatskaia vulkanologicheskaia stantsiia. Biulleten' Vulkanologicheskoi stantsii na Kamchatke [Academy of Sciences of the U.S.S.R. Kamchatka Volcanic Station. Bulletin of the Kamchatka Volcanic Station] |
| Blok. agit. (6) | Bloknot agitatora [The Agitator's Notebook] |
| Blok. agit. vod. transp. (17b) | Bloknot agitatora vodnogo transporta [The Water Transportation Agitator's Notebook] |
| Bor'ba (6) | Bor'ba [The Struggle] |
| Bot. zhur. (13c) | Botanicheskii zhurnal [Botanical Journal] |
| Bukhg. uchet (6a) | Bukhgalterskii uchet [Accounting] |
| Chas. mekh. (16g) | Chasovye mekhanizmy [Watch and Clock Mechanisms] |
| Chasovoi (6) | Chasovoi [The Sentry] |
| Dal'. Vost. (11b) | Dal'nii Vostok [Far East] |
| Deistvie izlucheniĭ i primenenie izotopov v biologii (13c) | Deistvie izlucheniĭ i primenenie izotopov v biologii; sbornik perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Effect of Radiation and Application of Isotopes in Biology; Translations, Surveys and Abstracts of Foreign Periodical Literature] |
| Den. i kred. (6c) | Den'gi i kredit [Money and Credit] |
| Dila (11b) | Dila [Morning]. In Georgian. |
| Dokl. AN SSSR (13a) | Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports] |
| Dokl. Akad. sel'khoz. (15a) | Vsesoiuznaia Akademiia sel'skokhoziaistvennykh nauk im. I. V. Lenina. Doklady [All-Union Lenin Academy of Agricultural Sciences. Reports] |
| Dokl. i soob. Inst. ist. (4a) | Akademiia nauk SSSR. Institut istorii. Doklady i soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of History. Reports and Papers] |
| Dop. AN URSR (13a) | Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]. In Ukrainian. |
| Doshk. vosp. (8a) | Doshkol'noe vospitanie [Preschool Education] |
| Doshk. vykh. (8a) | Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian. |
| Edin. TSer. (3b) | Edinaia TSerkov' [One Church] |
| Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' (16e) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Electric Equipment Industry] |
| Ekspress-informatsiia. Seriia: Gornoe delo (16h) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Gornoe delo [All-Union Institute of Scientific and Technical Information. Express Information. Series: Mining Industry] |
| Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' (16h) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Petroleum Industry] |
| Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' (16e) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Radio Equipment Industry] |
| Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' (17b) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Shipbuilding Industry] |
| Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika (16a) | Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika [All-Union Institute of Scientific and Technical Information. Express Information. Series: Computer Engineering] |
| Elek. sta. (16e) | Elektricheskie stantsii [Electric Power Stations] |
| Elektrichestvo (16e) | Elektrichestvo [Electricity] |
| Elektrosviaz' (16e) | Elektrosviaz' [Telecommunication] |
| Energ. biul. (16e) | Energeticheskii biulleten' [Power Bulletin] |
| Energetik (16e) | Energetik [Electric Power Technician] |
| Energomashinostroenie (16g) | Energomashinostroenie [Power Machinery Construction] |
| Epig. Vost. (4b) | Epigrafika Vostoka [Epigraphy of the Orient] |
| Est. v shkole (13c) | Estestvoznanie v shkole [Natural History in Schools] |
| Ėkebi Bashkortostan (11b) | Ėkebi Bashkortostan [Literary Bashkiria]. In Bashkir. |
| Fauna SSSR (13c) | Fauna SSSR [Fauna of the U.S.S.R.] |
| Fel'd. i akush. (14g) | Fel'dsher i akusherka [Feldsher and Midwife] |
| Fin. SSSR (5c) | Finansy SSSR [Finance of the U.S.S.R.] |
| Fiz. v shkole (13f) | Fizika v shkole [Physics in Schools] |
| Fizika, mekhanika, matematika (13f) | Fizika, mekhanika, matematika; Sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Physics, Mechanics, Mathematics; Classified Index of Articles in Foreign Periodicals] |
| Fiziol. rast. (13c) | Fiziologiia rastenii [Physiology of Plants] |
| Fiziol. zhur. (13c) | Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.] |
| Gaz. prom. (16c) | Gazovaia promyshlennost' [Gas Industry] |
| Gidrotekhn. stroit. (16d) | Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction] |
| Gor. khoz. Mosk. (16d) | Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow] |
| Gor. zhur. (16h) | Gornyi zhurnal [Mining Journal] |
| Grani (11b) | Grani [Frontiers] |

| | |
|---|---|
| Inform. biul. Dep. kul't. sv. s zagr. Min. kul't, i prop. KNDR (1b) | Korea (People's Democratic Republic, 1948- ). Dept. of Cultural Relations With Foreign Countries. Informatsionnyi biulleten' [Information Bulletin] |
| Inform. sbor. VSEGEI (12c) | Leningrad. Vsesoiuznyi geologicheskii institut. Informatsionnyi sbornik [All-Union Geological Institute. Information Bulletin] |
| Informatsionnyi ukazatel' standartov (16a) | Informatsionnyi ukazatel' standartov [Information Index of Standards] |
| Informatyvny lystok zv'iazku (3b) | Ukrains'kyi khrystyians'kyi rukh. Informatyvnyi lystok zv'iazku [Ukrainian Christian Movement. Information Bulletin of the Union]. In Ukrainian. |
| Inostr. iaz. v shkole (11a) | Inostrannye iazyki v shkole [Foreign Languages in Schools] |
| Inostr. lit. (11b) | Inostrannaia literatura [Foreign Literature] |
| Isk. kino (9a) | Iskusstvo kino [Cinema Art] |
| Ist.-astron. issl. (13b) | Istoriko-astronomicheskie issledovaniia [Studies in the History of Astronomy] |
| Ist. zap. (4a) | Istoricheskie zapiski [Historical Records] |
| IUnost' (11b) | IUnost' [Youth] |
| Izv. AN Arm. SSR. Biol. i sel'khoz. nauki (15a) | Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie i sel'skokhoziaistvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological and Agricultural Sciences]. In Russian and Armenian. |
| Izv. AN Arm. SSR. Obshchestv. nauki (1a) | Akademiia nauk Armianskoi SSR. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Social Sciences]. In Russian and Armenian. |
| Izv. AN Kazakh. SSR. Ser. energ. (16g) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia energeticheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Power Series] |
| Izv. AN Kazakh. SSR. Ser. khim. (13d) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia khimicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Chemical Series] |
| Izv. AN SSSR. Otd. khim. nauk (13d) | Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences] |
| Izv. AN SSSR. Ser. biol. (13c) | Akademiia nauk SSSR. Izvestiia. Seriia biologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series] |
| Izv. AN SSSR. Ser. fiz. (13f) | Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series] |
| Izv. AN SSSR. Ser. geofiz. (13f) | Akademiia nauk SSSR. Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geophysical Series] |
| Izv. AN Turk. SSR (1a) | Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia [Academy of Sciences of the Turkmen S.S.R. Bulletin] |
| Izv. Inst. gidrol. i gidr. AN URSR (16d) | Akademiia nauk URSR, Kiev. Instytut hidrologii i hidrotekhniky. Izvestiia [Academy of Sciences of the Ukrainian S.S.R. Institute of Hydrology and Hydraulic Engineering. Bulletin] |
| Izv. TSKhA (15a) | Moscow. Moskovskaia sel'skokhoziaistvennaia akademiia im. K.A. Timiriazeva. Izvestiia [Timiriazev Agricultural Academy of Moscow. Bulletin] |
| Kartofel' i ovoshchi (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Kartofel' i ovoshchi [Sel'so; Exchange of Experience in Agriculture. Series on the Potato and Vegetables] |
| Katalog sovetskikh knig (2a) | Katalog sovetskikh knig [Catalog of Soviet Books] |
| Kaz. zhizn' (5e) | Kazach'ia zhizn' [Cossack Life] |
| Қazaқstannyn aұyl sharұashlyғy (15a) | Қazaқstannyn aұyl sharұashlyғy [Kazakhstan Agriculture]. In Kazakh. |
| Krokodil (1b) | Krokodil [Crocodile] |
| Kryl. rod. (16b) | Kryl'ia rodiny [Wings of the Motherland] |
| Lab. delo (14e) | Laboratornoe delo [Laboratory Work] |
| Leg. atl. (8b) | Legkaia atletika [Track and Field Athletics] |
| Les. khoz. (15c) | Lesnoe khoziaistvo [Forestry] |
| Les. prom. (15c) | Lesnaia promyshlennost' [Forest Industries] |
| Letopis' gazetnykh statei (2a) | Letopis' gazetnykh statei [Chronicle of Newspaper Articles] |
| Letopis' izobrazitel'nogo iskusstva (10a) | Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts] |
| Letopis' retsenzii (2a) | Letopis' retsenzii [Chronicle of Reviews] |
| Letopis' zhurnal'nykh statei (2a) | Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles] |
| Lit. Azerb. (11b) | Literaturnyi Azerbaidzhan [Literary Azerbaijan] |
| Lit. v shkole (11b) | Literatura v shkole [Literature in Schools] |
| Literaturna spadshchyna (11b) | Literaturna spadshchyna [Literary Heritage]. In Ukrainian. |
| Litopys knyh (2a) | Litopys knyh [Book Chronicle]. In Ukrainian. |
| MTS (15a) | Mashino-traktornaia stantsiia [Machine-Tractor Station] |
| Mashinostroenie (16g) | Mashinostroenie; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Machine Building; Translations and Surveys of Foreign Periodical Literature] |
| Masl.-zhir. prom. (16c) | Maslobolno-zhirovaia promyshlennost' [Oils and Fats Industry] |
| Mast. sporta del. op. (8b) | Mastera sporta delintsia opytom [Masters of Sport Tell of Their Experience] |
| Mast. ugl. (16h) | Master uglia [Master of Coal] |
| Mat. k bibl. SAGU (2a) | Tashkent. Universitet. Materialy k bibliografii [University. Materials for Bibliography] |
| Mat. po etn. Gruz. (12a) | Akademiia nauk Gruzinskoi SSR, Tiflis. Institut istorii. Materialy po etnografii Gruzii [Academy of Sciences of the Georgian S.S.R. Institute of History. Materials on the Ethnography of Georgia] |
| Mat. sbor. (13e) | Matematicheskii sbornik [Mathematical Review] |
| Med. prom. (14f) | Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.] |
| Med. rad. (14a) | Meditsinskaia radiologiia [Medical Radiology] |
| Med. sestra (14g) | Meditsinskaia sestra [Medical Nurse] |
| Mekh. sil'. hosp. (15a) | Mekhanizatsiia sil's'koho hospodarstva [Mechanization of Agriculture]. In Ukrainian. |
| Mekh. stroi. (16d) | Mekhanizatsiia stroitel'stva [Mechanization of Construction] |
| Mekhanika (16g) | Mekhanika; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Mechanics; Translations and Surveys of Foreign Periodical Literature] |
| Meteor. i gidrol. (13f) | Meteorologiia i gidrologiia [Meteorology and Hydrology] |
| Mezhdunar. zhizn' (6) | Mezhdunarodnaia zhizn' [International Life] |
| Mich. uch. na sluzh. nar. (15a) | Michurinskoe uchenie na sluzhbe narodu [Michurin Theories in the Service of the People] |
| Min. sbor. (12c) | Mineralogicheskii sbornik [Mineralogical Review] |
| Mol. komm. (6) | Molodoi kommunist [The Young Communist] |
| Mol. mira (6) | Molodezh' mira [World Youth] |
| Moloch. prom. (15b) | Molochnaia promyshlennost' [Dairy Industry] |
| Molochnaia ferma (15b) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Molochnaia ferma [Sel'so; Exchange of Experience in Agriculture. Series on the Dairy Farm] |
| Muk.-elev. prom. (16f) | Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage] |
| Muzykal'naia literatura; katalog dlia zaiavok (9b) | Mezhdunarodnaia kniga. Muzykal'naia literatura; katalog dlia zaiavok [Musical Literature; Order Catalog] |
| My i svit (1b) | My i svit [We and the World]. In Ukrainian. |
| Mystetstvo (10a) | Mystetstvo [Art]. In Ukrainian. |
| Nar. obr. (8a) | Narodnoe obrazovanie [Public Education] |
| Nash sovr. (11b) | Nash sovremennik [Our Contemporary] |
| Nashi vesti (17a) | Nashi vesti [Our News] |
| Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR (16d) | Akademiia nauk URSR, Kiev. Instytut fiziologii rosliyn ta agrokhimii. Nauchnye trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Plant Physiology and Agrochemistry. Scientific Papers] |
| Nauch. trudy MAMI (16g) | Moscow. Automekhanicheskii institut. Nauchnye trudy [Automotive Engineering Institute. Scientific Papers] |
| Nauch. trudy MPI (2c) | Moscow. Moskovskii poligraficheskii institut. Nauchnye trudy [Moscow Printing Institute. Studies] |
| Nauch. trudy NPI (16a) | Novocherkassk. Politekhnicheskii institut. Nauchnye trudy [Polytechnic Institute. Studies] |
| Nauch. zap. Len. fin.-ekon. inst. (5b) | Leningrad. Finansovo-ekonomicheskii institut. Nauchnye zapiski [Institute of Finance and Economics. Studies] |

| | |
|---|---|
| Nauk. zap. Inst. ekon. AN URSR (5b) | Akademiia nauk URSR, Kiev. Instytut ekonomiky. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Institut of Economics. Studies] |
| Nauk. zap. Kiev. un. (1a) | Kiev. Universytet. Naukovi zapysky [University. Scientific Records] |
| Nauka i pered. op. v sel'khoz. (15a) | Nauka i peredovoi opyt v sel'skom khoziaistve [Science and Progressive Experience in Agriculture] |
| Naukovyi biuleten' UTHI (16a) | Ratisbon. Ukrains'kyi tekhnichno-hospodars'kyi instytut. Naukovyi biuleten' [Ukrainian Technical Institute. Scientific Reports] |
| Neftianik (16h) | Neftianik [The Petroleum Worker] |
| Nemetskii eksport (5a) | Nemetskii eksport [German Export] |
| Nov. Kor. (1b) | Novaia Koreia [New Korea] |
| Nov. tekh. i pered. op. v stroi. (16d) | Novaia tekhnika i peredovoi opyt v stroitel'stve [New Technology and Experience in Construction] |
| Novaia inostrannaia kniga v bibliotekakh Akademii nauk SSSR i akademii nauk soiuznykh respublik (2a) | Novaia inostrannaia kniga v bibliotekakh Akademii nauk SSSR i akademii nauk soiuznykh respublik [New Foreign Books in the Libraries of the Academy of Sciences of the U.S.S.R. and of the Academies of Sciences of the Union Republics] |
| Novye knigi (2a) | Novye knigi [New Books] |
| Novyi svit [Phila.] (8a) | Novyi svit; zhurnal prysv"iachenyi ukrains'kii problematytsi [The New World; a magazine devoted to the Ukrainian student's problems]. In Ukrainian. |
| Obz. vazhn. sob. SSSR (4a) | Obzor vazhnieishikh sobytii v SSSR [Review of the Principal Events in the U.S.S.R.] |
| Ogonek (1b) | Ogonek [The Little Light] |
| Okh. i okh. khoz. (15b) | Okhota i okhotnich'e khoziaistvo [Hunting and Game Management] |
| Oktiabr' (11b) | Oktiabr' [October] |
| Oktombrie (11b) | Oktombrie [October]. In Moldavian. |
| Opt. i spektr. (13f) | Optika i spektroskopiia [Optics and Spectroscopy] |
| Ortop., travm. i protez. (14h) | Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis] |
| Ovtsevodstvo (15b) | Ovtsevodstvo [Sheep Breeding] |
| Part. zhizn' (6) | Partiinaia zhizn' [Party Life] |
| Pchelovodstvo (15b) | Pchelovodstvo [Apiculture] |
| Pediatriia (14b) | Pediatriia [Pediatrics] |
| Pereklichka (17a) | Pereklichka [Roll Call] |
| Perets' (1b) | Perets' [Pepper]. In Ukrainian. |
| Pioner (1b) | Pioner [Pioneer]. In Armenian. |
| Plan. khoz. (5b) | Planovoe khoziaistvo [Planned Economy] |
| Poligraficheskoe proizvodstvo za rubezhom (2c) | Poligraficheskoe proizvodstvo za rubezhom [The Printing Industry Abroad] |
| Polymia (11b) | Polymia [Flame]. In White Russian. |
| Pratsi kaf. susp. nauk L'viv. un. (1a) | Lvov. Universytet. Pratsi kafedr suspil'nykh nauk [University. Transactions of the Department of Social Sciences]. In Ukrainian. |
| Prav. Rus' (3b) | Pravoslavnaia Rus' [Orthodox Russia] |
| Presovi visti (1b) | Komitet ukraintsiv Kanady. Presovi visti [Committee of Ukrainians in Canada. Press Bulletin]. In Ukrainian. |
| Priborostroenie (16g) | Priborostroenie [Instrument Manufacture] |
| Prizyv (11b) | Prizyv [The Appeal] |
| Probl. endok. i gorm. (14a) | Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy] |
| Problemy sovremennoi metallurgii (16h) | Problemy sovremennoi metallurgii; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Contemporary Metallurgy; Translations and Surveys of Foreign Periodical Literature] |
| Prof.-tekh. obr. (16a) | Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education] |
| Prom. energ. (16e) | Promyshlennaia energetika [Industrial Power] |
| Prom. koop. (16f) | Promyslovaia kooperatsiia [Producers' Cooperation] |
| Ptitsevodstvo (15b) | Ptitsevodstvo [Poultry Raising] |
| Publ. Kiev. astron. obser. (13b) | Kiev. Universytet. Astronomichna observatoriia. Publikatsii [University. Astronomical Observatory. Publications] |
| Punalippu (11b) | Punalippu [The Red Banner]. In Finnish. |
| Rab. i sial. (5d) | Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]. In White Russian. |
| Rabotnitsa (5d) | Rabotnitsa [The Woman Worker] |
| Radio (16e) | Radio [Radio] |
| Radiotekh. i elektron. (16e) | Radiotekhnika i elektronika [Radio Engineering and Electronics] |
| Radiotekhnika (16e) | Radiotekhnika [Radio Engineering] |
| Raspr. pech. (2c) | Raspostranenie pechati [Distribution of Publications] |
| Rats. i izobr. predl. v stroi. (16d) | Ratsionalizatorskie i izobretatel'skie predlozheniia v stroitel'stve [Proposed Efficiency Measures and Inventions in Construction Works] |
| Razved. i okh. nedr (16h) | Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources] |
| Referativnyi zhurnal: Khimiia (13d) | Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry] |
| Referativnyi zhurnal: Mashinostroenie (16g) | Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machine Building] |
| Remont traktorov, sel'khozmashin i avtomobilei (15a) | Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Remont traktorov, sel'khozmashin i avtomobilei [Sel'so; Exchange of Experience in Agriculture. Series on Repairing Tractors, Agricultural Machinery, and Trucks] |
| Rid ta znameno (4a) | Rid ta znameno [Lineage and Arms]. In Ukrainian. |
| Rod. dali (1b) | Rodnye dali [Beloved Vistas] |
| Rus.-am. prav. vest. (3b) | Russko-amerikanskii pravoslavnyi vestnik [The Russian-American Orthodox Messenger] |
| Rus. v Avstral. (1b) | Russkii v Avstralii [The Russian in Australia] |
| Ryb. khoz. (15b) | Rybnoe khoziaistvo [Fisheries] |
| Sad i og. (15d) | Sad i ogorod [Horticulture] |
| Sad. vin. Mold. (15d) | Sadovodstvo, vinogradarstvo i vinodelie Moldavii [Fruit Culture, Viticulture, and Wine-Making in Moldavia] |
| Sakh. svekl. (15d) | Sakharnaia svekla [Sugar Beets] |
| Sbor. nauch. trud. ErPI (16a) | Erivan. Politekhnicheskii institut. Sbornik nauchnykh trudov [Polytechnical Institute. Collected Scientific Works] |
| Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR (15a) | Akademiia navuk BSSR, Minsk. Instytut sotsyialistychnai sel'skai haspadarki. Sbornik nauchnykh trudov [Academy of Sciences of the White Russian S.S.R. Institute of Socialist Agriculture. Collection of Scientific Works] |
| Sbor. trud. Inst. elektrotekh. AN URSR (16e) | Akademiia nauk URSR, Kiev. Instytut elektrotekhniky. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Electrical Engineering. Collected Works] |
| Sbor. trud. Inst. stroi. mekh. AN URSR (16d) | Akademiia nauk URSR, Kiev. Instytut budivel'noi mekhaniky. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Structural Mechanics. Collected Works] |
| Sbor. trud. Khar'. vet. inst. (15b) | Kharkov. Veterinarnyi institut. Sbornik trudov [Veterinary Institute. Collected Papers] |
| Sbornik pravil perevozok i tarifov zheleznodorozhnogo transporta Soiuza SSR (5b) | Sbornik pravil perevozok i tarifov zheleznodorozhnogo transporta Soiuza SSR [Collection of Regulations Governing Railroad Transportation and Rates in the U.S.S.R.] |
| Selatel' (1b) | Selatel' [Sower] |
| Sel'. stroi. (16d) | Sel'skii stroitel' [Rural Builder] |
| Sel'khoz. Povol. (15a) | Sel'skoe khoziaistvo Povolzh'ia [Agriculture of the Volga Valley] |
| Sel'khozmashina (16g) | Sel'khozmashina [The Agricultural Machine] |
| Sel'skoe khoziaistvo (15a) | Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Systematical Index of Articles in Foreign Periodicals] |
| Sel'skoe khoziaistvo za rubezhom (15a) | Sel'skoe khoziaistvo za rubezhom; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Agriculture Abroad; Translations and Surveys of Foreign Periodical Literature] |
| Sem'ia i shkola (8a) | Sem'ia i shkola [Family and School] |
| Shark iulduzi (11b) | Shark iulduzi [Star of the East]. In Uzbek. |
| Skynteia leniniste (1b) | Skynteia leniniste [Leninist Spark]. In Moldavian. |
| Slaviane (6) | Slaviane [The Slavs] |
| Soglasie (1b) | Soglasie [Concord] |
| Soob. Biur. obser. (13b) | Byurakan. Observatoriia. Soobshcheniia [Byurakan. Observatory. Reports] |
| Soob. Inst. ist. isk. (10a) | Akademiia nauk SSSR. Institut istorii iskusstv. Soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the History of Fine Arts. Reports] |
| Sots. kul't. (1b) | Sotsialistychna kul'tura [Socialist Culture]. In Ukrainian. |
| Sots. sel'khoz. (15a) | Sotsialisticheskoe sel'skoe khoziaistvo [Socialist Agriculture] |
| Sots. trud (5d) | Sotsialisticheskii trud [Socialist Labor] |
| Sots. tvar. (15b) | Sotsialistychne tvarinnytstvo [Socialist Animal Husbandry]. In Ukrainian. |
| Sots. Uz. (1b) | Sotsialistik Uzbekiston [Socialist Uzbekistan]. Parallel text in Uzbek and Russian. |
| Sots. vest. (6) | Sotsialisticheskii vestnik. The Socialist Courier. |
| Sov. arkheol. (4b) | Sovetskaia arkheologiia [Soviet Archaeology] |
| Sov. Kazakh. (11b) | Sovetskii Kazakhstan [Soviet Kazakhstan] |
| Sov. mor. (17b) | Sovetskii morlak [Soviet Sailor] |
| Sov. pech. (11b) | Sovetskaia pechat' [Soviet Press] |
| Sov. pedag. (8a) | Sovetskaia pedagogika [Soviet Pedagogy] |
| Sov. Soiuz (1b) | Sovetskii Soiuz [Soviet Union] |

| | |
|---|---|
| Sov.torg. (5a) | Sovetskaia torgovlia [Soviet Commerce] |
| Sov.voin (17a) | Sovetskii voin [Soviet Soldier] |
| Sov.vostokoved. (4a) | Sovetskoe vostokovedenie [Soviet Oriental Studies] |
| Sov.zhen. (5e) | Sovetskaia zhenshchina [Soviet Woman] |
| Sovet ěděbiiaty (11b) | Sovet ěděbiiaty [Soviet Literature]. In Tatar. |
| Sovetakan arvest (10a) | Sovetakan arvest [Soviet Art]. In Armenian. |
| Sovetakan grakanutiun (11b) | Sovetakan grakanutiun [Soviet Literature]. In Armenian. |
| Sovetskie knigi (2a) | Sovetskie knigi (novinki); katalog dlia zakazov [Soviet Books (New Publications); Order Catalog] |
| Sovetskie vyshedshie knigi (2a) | Sovetskie vyshedshie knigi [Books Published in the Soviet Union] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Akusherstvo i ginekologiia (14b) | Sovetskoe meditsinskoe referativnoe obozrenie: Akusherstvo i ginekologiia [Abstracts of Soviet Medical Literature: Obstetrics and Women's Diseases] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Bolezni ukha, gorla i nosa (14d) | Sovetskoe meditsinskoe referativnoe obozrenie: Bolezni ukha, gorla i nosa [Abstracts of Soviet Medical Literature: Diseases of the Ear, Nose, and Throat] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Detskie bolezni (14b) | Sovetskoe meditsinskoe referativnoe obozrenie: Detskie bolezni [Abstracts of Soviet Medical Literature: Children's Diseases] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Glaznye bolezni (14d) | Sovetskoe meditsinskoe referativnoe obozrenie: Glaznye bolezni [Abstracts of Soviet Medical Literature: Eye Diseases] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Khirurgiia (14h) | Sovetskoe meditsinskoe referativnoe obozrenie: Khirurgiia [Abstracts of Soviet Medical Literature: Surgery] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia fiziologiia, biokhimiia, farmakologiia i toksikologiia (14a) | Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia fiziologiia, biokhimiia, farmakologiia i toksikologiia [Abstracts of Soviet Medical Literature: Normal and Pathological Physiology, Biochemistry, Pharmacology, and Toxicology] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia morfologiia s embriologiei (14e) | Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia morfologiia s embriologiei [Abstracts of Soviet Medical Literature: Normal and Pathological Morphology with Emgryology] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Onkologiia (14a) | Sovetskoe meditsinskoe referativnoe obozrenie: Onkologiia [Abstracts of Soviet Medical Literature: Oncology] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Stomatologiia (14h) | Sovetskoe meditsinskoe referativnoe obozrenie: Stomatologiia [Abstracts of Soviet Medical Literature: Stomatology] |
| Sovetskoe meditsinskoe referativnoe obozrenie: Vnutrennie bolezni (14a) | Sovetskoe meditsinskoe referativnoe obozrenie: Vnutrennie bolezni [Abstracts of Soviet Medical Literature: Internal Diseases] |
| Sovkhoz.proizv. (15a) | Sovkhoznoe proizvodstvo [State Farm Production] |
| Tekh.mol. (16a) | Tekhnika - molodezhi [Technology for Youth] |
| Tekhnicheskie i maslichnye kul'tury (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Serila Tekhnicheskie i maslichnye kul'tury [Sel'so; Exchange of Experience in Agriculture. Series on Technical and Oilseed Crops] |
| Tekhsov.MTS (15a) | Tekhsovety MTS [Technical Advice to Machine-Tractor Stations] |
| Tekst.prom. (16f) | Tekstil'naia promyshlennost' [Textile Industry] |
| Teor.veroiat.i ee prim. (13e) | Teoriia veroiatnostei i ee primeneniia [Theory of Probability and Its Applications] |
| Teploenergetika (16g) | Teploenergetika [Heat Engineering] |
| Torf.prom. (16h) | Torfianaia promyshlennost' [Peat Industry] |
| Traktorist, kombainer i shofer (15a) | Sel'so; obmen opytom v sel'skom khoziaistve. Serila Traktorist, kombainer i shofer [Sel'so; Exchange of Experience in Agriculture. Series for Tractor and Combine Operators and Truck Drivers] |
| Trudy AN Tadzh. SSR (1a) | Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy [Academy of Sciences of the Tajik S.S.R. Transactions] |
| Trudy FTI AN Uz.SSR (13f) | Akademiia nauk Uzbekskoi SSR, Tashkent. Fiziko-tekhnicheskii institut. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of Physics and Technology. Transactions] |
| Trudy Geofiz.inst. (13f) | Akademiia nauk SSSR. Geofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geophysical Institute. Transactions] |
| Trudy Gipromornefti (16h) | Baku. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut morskoi nefti. Trudy [State Scientific Research and Planning Institute for Offshore Oil. Transactions] |
| Trudy Gos.erm. (10a) | Leningrad. Ermitazh. Trudy [Hermitage. Transactions] |
| Trudy Inst.biol, IAk.fil.AN SSSR (13c) | Akademiia nauk SSSR, IAkutskii filial, Yakutsk. Institut biologii. Trudy [Academy of Sciences of the U.S.S.R. Yakut Branch. Institute of Biology. Transactions] |
| Trudy Inst.energ. AN Uz.SSR (16c) | Akademiia nauk Uzbekskoi SSR, Tashkent. Institut energetiki. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of Electric Power. Transactions] |
| Trudy Inst.etn. (12a) | Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions] |
| Trudy Inst.fiz.i geofiz.AN Turk. SSR (13f) | Akademiia nauk Turkmenskoi SSR, Ashkhabad. Institut fiziki i geofiziki. Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of Physics and Geophysics. Transactions] |
| Trudy Inst.geog. (12b) | Akademiia nauk SSSR. Institut geografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Geography. Transactions] |
| Trudy Inst.geol. KirFAN SSSR (12c) | Akademiia nauk SSSR, Kirgizskii filial, Frunze. Institut geologii. Trudy [Academy of Sciences of the U.S.S.R. Kirghiz Branch. Institut of Geology. Transactions] |
| Trudy Inst.geol. nauk (12c) | Akademiia nauk SSSR. Institut geologicheskikh nauk. Trudy [Academy of Sciences of the U.S.S.R. Institute of Geological Sciences. Transactions] |
| Trudy Inst.ist. AN Gruz.SSR (4a) | Akademiia nauk Gruzinskoi SSR, Tiflis. Institut istorii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of History. Transactions]. In Russian and Georgian. |
| Trudy Inst.ist., arkheol.i etn. AN Kazakh.SSR (4a) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions] |
| Trudy Inst.ist. est.i tekh. (13a) | Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions] |
| Trudy Inst.ist.i filos.AN Azerb. SSR (4a) | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut istorii i filosofii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of History and Philosophy. Transactions] |
| Trudy Inst.lesa AN Gruz.SSR (15c) | Akademiia nauk Gruzinskoi SSR, Tiflis. Institut lesa. Trudy [Academy of Sciences of the Georgian S.S.R. Forestry Institute. Transactions] |
| Trudy Inst.okean. (12b) | Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions] |
| Trudy Inst.pochv. i agrokhim. AN Azerb.SSR (15a) | Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut pochvovedeniia i agrokhimii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Soil Science and Agricultural Chemistry. Transactions] |
| Trudy Inst.torf. AN BSSR (16h) | Akademiia navuk BSSR, Minsk. Instytut torfa. Trudy [Academy of Sciences of the White Russian S.S.R. Peat Institute. Transactions] |
| Trudy Inst.vys. nerv.deiat. Ser.patofiziol. (14c) | Akademiia nauk SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Serila patofiziologicheskaia [Academy of Sciences of the U.S.S.R. Institute of the Higher Nervous Function. Transactions. Pathophysiological Series] |
| Trudy Inst.zool. AN Kazakh.SSR (13c) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Transactions] |
| Trudy KhIIT (16g) | Kharkov. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions] |

| | |
|---|---|
| Trudy Kar.-fin. gos.un. (1a) | Petrozavodsk. Universitet. Trudy Karelo-finskogo gosudarstvennogo universiteta [University. Transactions of the Karelo-Finnish State University] |
| Trudy Kazan. fil. AN SSSR. Ser. geol. nauk (12c) | Akademiia nauk SSSR. Kazanskii filial, Kazan. Trudy. Seriia geologicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions. Series in the Geological Sciences] |
| Trudy Kazan. fil. AN SSSR. Ser. khim. nauk (13d) | Akademiia nauk SSSR. Kazanskii filial, Kazan. Trudy. Seriia khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions. Series in the Chemical Sciences] |
| Trudy Khab. IIT (10d) | Khabarovsk. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions] |
| Trudy LSGMI (14g) | Leningrad. Sanitarno-gigienicheskii meditsinskii institut. Trudy [Medical Institute of Sanitation and Hygiene. Transactions] |
| Trudy Lab. vulk. (12c) | Akademiia nauk SSSR. Laboratoriia vulkanologii. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Volcanology. Transactions] |
| Trudy MAI (16b) | Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions] |
| Trudy MATI (16b) | Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions] |
| Trudy Mosk. tekh. inst. ryb. prom. i khoz. (15b) | Moscow. Tekhnicheskii institut rybnoi promyshlennosti i khoziaistva. Trudy [Technological Institute of Fisheries and the Fish Industry. Transactions] |
| Trudy SAGU (1a) | Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta [University. Transactions of the Central Asia State University] |
| Trudy Sekt. natrobot. AN Kazakh. SSR (13b) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Sektor natrobotaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Sector of Astrobotany. Transactions] |
| Trudy Sib. met. inst. (16h) | Stalinsk. Sibirskii metallurgicheskii institut. Trudy [Siberian Metallurgical Institute. Transactions] |
| Trudy TASHIIT (10d) | Tashkent. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik nauchnykh trudov [Institute of Railroad Transportation Engineers. Collection of Scientific Works] |
| Trudy TSIP (13f) | Moscow. TSentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions] |
| Trudy TSNII MPS (10g) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions] |
| [Trudy] TSNIITMASH (16g) | Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. (Trudy) [Central Scientific Research Institute of Technology and Machine Building. (Transactions)] |
| Trudy TSentr. nauch. issl. inst. rentg. i rad. (14a) | Moscow. TSentral'nyi nauchno-issledovatel'skii institut rentgenologii i radiologii. Trudy [Central Scientific Research Institute of Roentgenology and Radiology. Transactions] |
| Trudy Ural. politekh. inst. (16a) | Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy (Sbornik statei) [Ural Polytechnic Institute. Transactions (Collected Papers)] |
| Trudy VIM (15a) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mekhanizatsii sel'skogo khoziaistva. Trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture. Transactions] |
| Trudy VNIGNI (16h) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologo-razvedochnyi neftianoi institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions] |
| Trudy VNIGRI (12a) | Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions] |
| Trudy VNII (16h) | Moscow. Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Transactions] |
| Trudy VNIIZ (15d) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki. Trudy [All-Union Scientific Research Institute of Grain and Grain Products. Transactions] |
| Trudy VSEGEI (12c) | Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions] |
| Trudy Vost.-Sib. fil. AN SSSR (13a) | Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U.S.S.R. East Siberian Branch. Transactions] |
| Trudy Zool. inst. AN Gruz. SSR (13c) | Akademiia nauk Gruzinskoi SSR, Tiflis. Zoologicheskii institut. Trudy [Academy of Sciences of the Georgian S.S.R. Zoological Institute. Transactions] |
| TSer. ved. (3b) | TSerkovnyia vedomosti Pravoslavnoi tserkvi v Germanii [Gazette of the Orthodox Church in Germany] |
| TSir. Astron. obser. Khar. un. (13b) | Kharkov. Universitet. Observatoriia. TSirkuliar [University. Observatory. Circular] |
| TSvet. met. (16h) | TSvetnye metally [Nonferrous Metals] |
| Uch. zap. AGU (1a) | Baku. Azerbaidzhanskii gosudarstvennyi universitet. Ilmi əsərlər. Uchenye zapiski [Azerbaijan State University. Studies] |
| Uch. zap. Inst. mir. lit. (11b) | Akademiia nauk SSSR. Institut mirovoi literatury. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of World Literature. Studies] |
| Uch. zap. Inst. slav. (4a) | Akademiia nauk SSSR. Institut slavianovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Studies] |
| Uch. zap. Inst. vost. (4a) | Akademiia nauk SSSR. Institut vostokovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Oriental Studies. Studies] |
| Uch. zap. KHGU (1a) | Kharkov. Universitet. Uchenye zapiski [University. Scientific Records] |
| Uch. zap. Len. un. (1a) | Leningrad. Universitet. Uchenye zapiski [University. Scientific Records] |
| Uch. zap. Mosk. un. (1a) | Moscow. Universitet. Uchenye zapiski [University. Scientific Records] |
| Uch. zap. Ped. inst. Gerts. (8a) | Leningrad. Gosudarstvennyi pedagogicheskii institut im. A.I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Scientific Records] |
| Ud. i ur. (15d) | Udobrenie i urozhai [Fertilizers and Crops] |
| Ukr. fiz. zhur. (13f) | Ukraina'kyi fizychnyi zhurnal [Ukrainian Physical Journal]. In Ukrainian. |
| Ukr. prav. slovo (3b) | Ukraina'ke pravoslavne slovo [Ukrainian Orthodox Word]. In Ukrainian. |
| Ukraina (1b) | Ukraina [The Ukraine]. In Ukrainian. |
| Ukraina'ke hromada'ke slovo (1b) | Ukraina'ke hromada'ke slovo [Ukrainian Community Word]. In Ukrainian. |
| Ukraina'kyi visnyk (3b) | Ukraina'kyi visnyk [Ukrainian Herald]. In Ukrainian. |
| Urologiia (14a) | Urologiia [Urology] |
| Usp. fiz. nauk (13f) | Uspekhi fizicheskikh nauk [Progress in the Physical Sciences] |
| Usp. khim. (13d) | Uspekhi khimii [Progress in Chemistry] |
| Üzbekiston kommunisti (6) | Üzbekiston kommunisti [Communist of Uzbekistan]. In Uzbek. |
| V pom. prep. rus. iaz. v Am. (11a) | V pomoshch' prepodavateliu russkogo iazyka v Amerike [A Guide for Teachers of the Russian Language in America] |
| V zashch. mira (6) | V zashchitu mira [In Defense of Peace] |
| Vechnoe (3b) | Vechnoe [The Eternal] |
| Vedomosti Verkhovnogo Soveta SSSR (6) | Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Issued in the languages of all Union republics. |
| Vest. AN Kazakh. SSR (1a) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal] |
| Vest. AN SSSR (1a) | Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal] |
| Vest. elektroprom. (16e) | Vestnik elektropromyshlennosti [Review of the Electrical Industry] |
| Vest. khir. (14h) | Vestnik khirurgii [Review of Surgery] |
| Vest. Len. un. (1a) | Leningrad. Universitet. Vestnik [University. Review] |
| Vest. oft. (14d) | Vestnik oftalmologii [Review of Ophthalmology] |
| Vest. TSNII MPS (10g) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal] |
| Vest. ven. i derm. (14i) | Vestnik venerologii i dermatologii [Review of Venereology and Dermatology] |
| Vest. vys. shkoly (8a) | Vestnik vysshei shkoly [Review of Schools for Higher Education] |

| | |
|---|---|
| Voprosy radiolokatsionnoi tekhniki (16e) | Voprosy radiolokatsionnoi tekhniki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Radar Engineering; Translations and Surveys of Foreign Periodical Literature] |
| Voprosy raketnoi tekhniki (16b) | Voprosy raketnoi tekhniki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature] |
| Vozhatyi (8a) | Vozhatyi [Pioneer Guide] |
| Vsem. stud. nov. (8a) | Vsemirnye studencheskie novosti [World Student News] |
| Vyzvol'nyi shliakh (1b) | Vyzvol'nyi shliakh [Liberation Path]. In Ukrainian. |
| Zap. Uz. otd. Vses. min. ob-va (12c) | Vsesoiuznoe mineralogicheskoe obshchestvo. Uzbekistanskoe otdelenie. Zapiski [All-Union Mineralogical Society. Uzbekistan Branch. Records] |
| Zav. lab. (16h) | Zavodskaia laboratoriia [The Factory Laboratory] |
| Zdorov'e (14a) | Zdorov'e [Health] |
| Zdrav. Kazakh. (14a) | Zdravookhranenie Kazakhstana [Health Service of Kazakhstan] |
| Zernovye i kormovye kul'tury (15d) | Sel'so; obmen opytom v sel'skom khoziaistve. Serlia Zernovye i kormovye kul'tury [Sel'so; Exchange of Experience in Agriculture. Series on Grain and Forage Crops] |
| Zhel. dor. transp. (16g) | Zheleznodorozhnyi transport [Railroad Transportation] |
| Zhil.-kom. khoz. (16d) | Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services] |
| Zhivotnovodstvo (15b) | Zhivotnovodstvo [Animal Husbandry] |
| Zhovten' (11b) | Zhovten' [October]. In Ukrainian. |
| Zhur. eksp. i teor. fiz. (13f) | Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics] |
| Zhur. fiz. khim. (13d) | Zhurnal fizicheskoi khimii [Journal of Physical Chemistry] |
| Zhur. nevr. i psikh. (14c) | Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry] |
| Zhur. ob. biol. (13c) | Zhurnal obshchei biologii [Journal of General Biology] |
| Zhur. tekh. fiz. (16a) | Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics] |
| Zhurnal mod (16f) | Zhurnal mod [Fashion Magazine] |
| Zhyttia i tserkva (3b) | Zhyttia i tserkva [Life and Church] |
| Znamia Ros. (6) | Znamia Rossii [The Banner of Russia] |
| Znan. sila (13a) | Znanie - sila [Knowledge is Power] |
| Zool. zhur. (13c) | Zoologicheskii zhurnal [Zoological Journal] |
| Zvezda (11b) | Zvezda [The Star] |



## 1. GENERAL

### a) Scholarly journals

Akademiia nauk Armianskoi SSR. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Social Sciences]. In Russian and Armenian.
CU RPB

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia [Academy of Sciences of the Azerbaijan S.S.R. Bulletin]
CU DA NN

Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshchenila [Academy of Sciences of the Georgian S.S.R. Reports. Georgian language edition]
CLU

Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshchenila [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
CU DA NN NNC NcD

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
CU DA DS

Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia [Academy of Sciences of the Kirghiz S.S.R. Bulletin]

Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
CLU CSt-H CtY DNLM DS ICU
MH MoKL NN NNC NNIS NcD
NcRS OCl OCoB OU PPAN PPT
RPB WaU

Akademiia nauk SSSR. Komi filial, Syktyvkar. Trudy [Academy of Sciences of the U.S.S.R. Komi Branch. Transactions]

Akademiia nauk Tadzhikskoi SSR, Stalinabad. Doklady [Academy of Sciences of the Tajik S.S.R. Reports]
CU

Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy [Academy of Sciences of the Tajik S.S.R. Transactions]
CLU CU DNLM IU NN NNC

Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie obshchestvennykh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Social Sciences. Bulletin]

Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia [Academy of Sciences of the Turkmen S.S.R. Bulletin]
CU DA

Akademiia nauk URSR, Kiev. Visnyk [Academy of Sciences of the Ukrainian S.S.R. Journal]. In Ukrainian.
CU CtY DNLM ICU NN NNC
OCl OSte OU RPB

Akademiia nauk URSR, Kiev. L'viva'kyi filial. Instytut suspil'nykh nauk. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Lvov Branch. Institute of Social Sciences]. In Ukrainian.
MH MH-P NNC

Akademiia navuk BSSR, Minsk. Izvestiia. [Academy of Sciences of the White Russian S.S.R. Bulletin]
DA

Akademiia navuk BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences]. In White Russian.
CU

Baku. Azerbaidzhanskii gosudarstvennyi universitet. Ėlmi əsərlər. Uchenye zapiski [Azerbaijan State University. Studies]
MH

Belaruski zbornik [White Russian Review]. In White Russian.
MH-L NN NNC

Dzaudzhikau. Nauchno-issledovatel'skii institut Severo-Osetinskoi ASSR. Izvestiia [Scientific Research Institute of the North Ossetian A.S.S.R. Bulletin]

Erivan. Gosudarstvennyi russkii pedagogicheskii institut. Studencheskii nauchnyi sbornik [State Russian Pedagogical Institute. Students' Scholarly Papers]

Erivan. Gosudarstvennyi russkii pedagogicheskii institut. Uchenye zapiski [State Russian Pedagogical Institute. Studies]

Erivan. Universitet. Nauchnye trudy [University. Scientific Works]

Gorkiy. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]

Kharkov. Universitet. Uchenye zapiski [University. Scientific Records]

Kiev. Universytet. Naukovi zapysky [University. Scientific Records]

Kiev. Universytet. Students'ki naukovi pratsi [University. Student Scientific Papers]. In Ukrainian.

Kishinev. Universitet. Uchenye zapiski [University. Scientific Records]

Leningrad. Universitet. Uchenye zapiski [University. Scientific Records]
CLCL CLSU CLU CSt-H CU CtY
DA DNLM DS DSI ICU IU
InU MH-L MiU NIC NN NNC
NjP WaU

Leningrad. Universitet. Vestnik [University. Review]
CLU CU CaOOG CtY DNLM DS
IaU InLP MH MnU MoKL NNC
NNM RPB WaU

Lvov. Universytet. Dopovidi ta povidomlennia [University. Reports and Notes]
CU

Lvov. Universytet. Naukovi zapysky [University. Scientific Records]. In Ukrainian and Russian.
CU CaOOG NIC NNC NNM PPAN

Lvov. Universytet. Pratsi kafedr suspil'nykh nauk [University. Transactions of the Department of Social Sciences]. In Ukrainian.
CU MH

Moscow. Akademiia obshchestvennykh nauk. Uchenye zapiski [Academy of Social Sciences. Studies]
CSt-H NNC WaU

Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]
MH

Moscow. Universitet. Uchenye zapiski [University. Scientific Records]
CLSU CLU CSt-H CU CtY DNLM
DS DSI ICJ ICU InU LU
MH MdBJ NIC NN NNC WaU

Moscow. Universitet. Vestnik [University. Review]
CU DA DS MiU MnU MoSW
NN OU RPB

Naukove tovarystvo imeni Shevchenka. Evropeis'kyi viddil. Visti [Shevchenko Scientific Society. European Branch. News]. In Ukrainian.

Odessa. Universitet. Pratsi [University. Transactions]
MH NNC

Petrozavodsk. Universitet. Trudy Karelo-finskogo gosudarstvennogo universiteta [University. Transactions of the Karelo-Finnish State University]

Stalinabad. Universitet. Uchenye zapiski [University. Scientific Records]

Tashkent. Universitet. Sbornik nauchnykh trudov aspirantov Sredneaziatskogo gosudarstvennogo universiteta [University. Collected Scientific Works of Graduate Students of the Central Asia State University]

Tashkent. Universitet. Sbornik studencheskikh rabot Sredneaziatskogo gosudarstvennogo universiteta [University. Collected Student Papers of the Central Asia State University]
DA NNC

Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta [University. Transactions of the Central Asia State University]
CU DA NNC NNM WaU

Tiflis. Universitet. Trudy [University. Transactions]. In Russian and Georgian.

Ufa. Bashkirskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Bashkir State Pedagogical Institute. Scientific Records]

Ukraina'ka vil'na akademiia nauk. Biuleten' [Ukrainian Free Academy of Sciences. Bulletin]. In Ukrainian.

Ukraine'ka vil'na akademiia nauk. Serlia: Litopys UVAN [Ukrainian Free Academy of Sciences. Series: UVAN Chronicle]. In Ukrainian.
ICU NNC

### b) Popular magazines

Amerika; illiustrirovannyi zhurnal [America illustrated]
MiU

Barvinok [Periwinkle]. In Ukrainian.
NN

Belarus' [White Russia]. In White Russian.
NN

Biarozka [The Little Birch]. In White Russian.

Britanskaia khronika; sbornik statei iz britanskoi pechati i ofitsial'nykh dokumentov [British Chronicle; a Collection of Articles From the British Press and Official Documents]

Kitai [China]

Komitet ukraintsiv Kanady. Presovi visti [Committee of Ukrainians in Canada. Press Bulletin]. In Ukrainian.

Korea (People's Democratic Republic, 1948- ). Dept. of Cultural Relations With Foreign Countries. Informatsionnyi biuleten' [Information Bulletin]
DS

Krokodil [Crocodile]
CLU CU CtY MdBJ NIC NN
NNC NNIS

Kyiv [Kiev]. In Ukrainian.
MH
Murzilka [Tiny Tot]
MH NNIS
My i svit [We and the World]. In Ukrainian.
Novata Koreia [New Korea]
Ogni storozhevye [The Guardian Lights]
Ogonek [The Little Light]
CLU CtY DS MH MdBJ NN
NNC NNIS PU WaU
Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
Pereta' [Pepper]. In Ukrainian.
Pioner [Pioneer]
CLU MH NNC NNIS PU
Pioner [Pioneer]. In Armenian.
Pioner [Pioneer]. In Kazakh.
Pioner [Pioneer]. In Tajik.
Pioner [Pioneer]. In Turkmen.
Pioner [Pioneer]. In Uzbek.
Pionertia [Pioneers]
Pionertia [Pioneers]. In Ukrainian.
NNIS
Put' [The Way]
Rodnym dati [Beloved Vistas]
CLU
Russkii v Avstralii [The Russian in Australia]
NN
Russkoe slovo v Kanade [The Russian Word in Canada]
Sekatel' [Sower]
Skyntela leninista [Leninist Spark]. In Moldavian.
Sogiasie [Concord]
Sotsialisticheskii Uzbekistan. Sotsialisticheskii Uzbekistan [Socialist Uzbekistan]. Parallel texts in Uzbek and Russian.
NNIS
Sotsialisticheskaia kul'tura [Socialist Culture]. In Ukrainian.
Sovetskii Soiuz [Soviet Union]
DS MH NN NNC NNIS TNJ
Svobodnaia Rossiia [Free Russia]
CLU
Ukraina [The Ukraine]. In Ukrainian.
NN
Ukraina'ke hromada'ke slovo [Ukrainian Community Word]. In Ukrainian.
NN
Vsesvit [The Universe]. In Ukrainian.
Vyzvol'nyi shliakh [Liberation Path]. In Ukrainian.
NN
Zhizn' Dal'nego Vostoka [The Far Eastern Life]
Zhizn' slepykh [Life of the Blind]
NNIS

## 2. BIBLIOGRAPHY

### a) Bibliography

Akademiia nauk SSSR. Biblioteka. Trudy Biblioteki Akademii nauk SSSR i Fundamental'noi biblioteki obshchestvennykh nauk AN SSSR [Academy of Sciences of the U.S.S.R. Library. Transactions of the Library of the Academy of Sciences of the U.S.S.R. and of the Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]
RPB
Biblos; zhurnal bibliografii, kritiky i retsenzii [Biblos; Journal of Bibliography, Criticism, and Reviews]. In Ukrainian.
NNC
Catalogue of newspapers and magazines of the U.S.S.R. In Russian and English.
Ezhegodnik knigi SSSR; sistematicheskii ukazatel' [Annual of Soviet Books; Systematic Index]
Institut zur Erforschung der UdSSR = Institut po izucheniiu SSSR. Bibliothek = Biblioteka. Spiski novykh postuplenii [Institute for the Study of the U.S.S.R. Library. Accession Lists]
ICU IaU MH-L NN NNC WaU
Katalog sovetskikh knig [Catalog of Soviet Books]
Knigi dlia detskikh i shkol'nykh bibliotek; rekomendatel'nyi ukazatel' literatury, 19- [Books for Children's and School Libraries; a Guide to Recommended Literature, 19- ]
Knizhnaia letopis' [Book Chronicle]
CtY DNLM DS ICU MB MH
MiU MoSW NN OU PU WaU
Leningrad. Publichnaia biblioteka. Sbornik [Public Library. Collected Papers]
MH
Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
DNLM NNIS
Letopis' retsenzii [Chronicle of Reviews]
DNLM DS NNIS
Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
NNIS
Litopys knyh [Book Chronicle]. In Ukrainian.
Metodicheskie materialy po gosudarstvennoi bibliograficheskoi registratsii [Materials on the Methodology of State Bibliographical Registration]
Mezhdunarodnaia kniga. Blank dlia zakazov [Order Blank]
DNLM
Mezhdunarodnaia kniga. Knigi Izdatel'stva Akademii nauk SSSR [Books of the Publishing House of the Academy of Sciences of the U.S.S.R.]
Mezhdunarodnaia kniga. Knigi na russkom iazyke [Books in the Russian Language]
Moscow. Publichnaia biblioteka. Novye knigi [Public Library. New Books]
Moscow. Publichnaia biblioteka. Otdel rukopisei. Zapiski [Public Library [Lenin State). Manuscript Division. Records]
CLU CSt-H CU CtY ICU InU
MdBJ NN NNC
Munich. Russkaia biblioteka. Bibliograficheskii biulleten' [Russian Library. Bibliographical Bulletin]
MH
Novaia inostrannaia kniga v bibliotekakh Akademii nauk SSSR i akademii nauk soiuznykh respublik [New Foreign Books in the Libraries of the Academy of Sciences of the U.S.S.R. and of the Academies of Sciences of the Union Republics]
Novye knigi [New Books]
DNLM MH NNIS
Novye knigi za rubezhom [New Books Abroad]
Sovetskaia bibliografiia [Soviet Bibliography]
DA DS ICU MH MnU NN
NNIS
Sovetskie knigi (novinki); katalog dlia zakazov [Soviet Books (New Publications); Order Catalog]
CU DNLM DS MH
Sovetskie novye knigi [New Soviet Books]
DNLM MH MoKL
Sovetskie vyshedshie knigi [Books Published in the Soviet Union]
Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v krupneishie biblioteki SSSR. Seriia A: Estestvennye nauki [Union List of New Foreign Books Received by the Largest Libraries of the U.S.S.R. Series A: Natural Sciences]
Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v krupneishie biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Largest Libraries of the U.S.S.R. Series B: Social Sciences]
Svodnyi katalog inostrannykh nauchnykh zhurnalov, postupivshikh v krupneishie biblioteki SSSR: estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union Catalog of Foreign Scientific Journals, Received by the Largest Libraries of the U.S.S.R.: Natural Sciences, Medicine, Agriculture, Technology]
Tashkent. Universitet. Materialy k bibliografii [University. Materials for Bibliography]
CU DBI MH WaU
Vsesoiuznaia knizhnaia palata. Bibliografiia sovetskoi bibliografii [All-Union Book Chamber. Bibliography of Soviet Bibliography]

### b) Libraries & library science

Bibliografiia bibliotekovedeniia [Bibliography of Library Science]
MH
Bibliotekar' [The Librarian]
CLU CtY DS ICU MH NN
NNC NNIS RPB
Biblioteki SSSR [Libraries of the U.S.S.R.]
CU MH

### c) Printing & the book trade

Moscow. Moskovskii poligraficheskii institut. Nauchnye trudy [Moscow Printing Institute. Studies]
Moscow. Zaochnyi poligraficheskii institut. Nauchnye trudy [Correspondence Institute of Printing. Scientific Works]
Pechat' SSSR, (year); statisticheskie materialy [The Press of the U.S.S.R., (year); Statistical Material]
Poligraficheskoe proizvodstvo [Printing Industry]
MH NNIS
Poligraficheskoe proizvodstvo za rubezhom [The Printing Industry Abroad]
Rasprostranenie pechati [Distribution of Publications]
Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
NNIS

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut filosofii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Philosophy. Transactions]
Akademiia nauk URSR, Kiev. Instytut filosofii. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Institute of Philosophy. Studies]
MH NNC
Nasha tserkva [Our Church]. In Ukrainian.
Voprosy filosofii [Problems of Philosophy]
CLSU CLU CU CtY DS ICU
IU MH NIC NN NNC NNIS
NcD PPAmP RPB WaU
Voprosy psikhologii [Problems of Psychology]
DNLM InLP MH NNIS TU

## 3. PHILOSOPHY & RELIGION

### b) Religion

Bogoslovskii sbornik [Theological Miscellany]
NN
Bozhym shliakham [On the Divine Path]. In White Russian.
NN
Bratskii vestnik [Herald of Brotherhood]
Dukhovnoe probuzhdenie [Spiritual Awakening]
Edinaia TSerkov' [One Church]
CLU NN OU
Holos Spasytelia [The Redeemer's Voice]. In Ukrainian.
Kovcheh [The Ark]. In Ukrainian.
NN
Logos. In Ukrainian.
NN
Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
CLU CtY DS MH NN NNC
NNIS NcD WaU
Pravoslavnaia belarus [The Orthodox White Russian]
Pravoslavnaia Rus' [Orthodox Russia]
Pravoslavnaia zhizn' [Orthodox Life]
CLU NN
Pravoslavnyi ukrainets' [The Orthodox Ukrainian]. In Ukrainian.
Russko-amerikanskii pravoslavnyi vestnik [The Russian-American Orthodox Messenger]
MH NN
Russkoe studencheskoe khristianskoe dvizhenie. Vestnik [Russian Students Christian Movement. Messenger]
CLU
TSerkovnaia zhizn' [Church Life]
NN
TSerkovnyi vestnik Zapadno-evropeiskogo pravoslavnogo russkogo ekzarkhata [Church Herald of the West European Russian Orthodox Exarchate]
NN
TSerkovnyia vedomosti Pravoslavnoi tserkvi v Germanii [Gazette of the Orthodox Church in Germany]
Ukraina'ke pravoslavne slovo [Ukrainian Orthodox Word]. In Ukrainian.
CLU
Ukraina'kyi khrystyiana'kyi rukh. Informatyvnyi lystok zv'iazku [Ukrainian Christian Movement. Information Bulletin of the Union]. In Ukrainian.
Ukraina'kyi vistnyk [Ukrainian Herald]. In Ukrainian.
Vechnoe [The Eternal]
Vira i kul'tura [Faith and Culture]. In Ukrainian.
Voprosy istorii religii i ateizma [Problems of Religion and Atheism]
CtY NN NNC
Western Europe (Exarchate). Vestnik Russkogo zapadno-evropeiskogo patriaralnego ekzarkhata [Messenger of the Russian West European Patriarchal Exarchate]
MH
Zhyttia i tserkva [Life and Church]

## 4. HISTORY

### a) General

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut istorii i filosofii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of History and Philosophy. Transactions]
CtY DS NNC
Akademiia nauk Gruzinskoi SSR, Tiflis. Institut istorii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of History. Transactions]. In Russian and Georgian.
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]
CU NNC NNM
Akademiia nauk Kirgizskoi SSR, Frunze. Institut istorii. Trudy [Academy of Sciences of the Kirghiz S.S.R. Institute of History. Transactions]
NNC
Akademiia nauk SSSR. Institut istorii. Doklady i soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of History. Reports and Papers]
InU MdBJ NIC NN NNC NjP
PSt RPB
Akademiia nauk SSSR. Institut istorii. Srednie veka [Academy of Sciences of the U.S.S.R. Institute of History. The Middle Ages]
CLU CSt-H CU ICU MH NIC
NN NNC WaU
Akademiia nauk SSSR. Institut istorii. Uchenye zapiski po novoi i noveishei istorii [Academy of Sciences of the U.S.S.R. Institut of History. Studies in Modern and Recent History]
MiU NIC

Akademiia nauk SSSR. Institut slavianovedeniia. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Brief Reports]
CLU CU CSt-H CaOTU CtY IaU
InU MiU NIC NN NNC PU
RPB ViU WaU

Akademiia nauk SSSR. Institut slavianovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Studies]
CLSU CLU CU CtY NIC NN
NNC PU RPB WaU

Akademiia nauk SSSR. Institut vostokovedeniia. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Oriental Studies. Brief Reports]
CLU CSt-H CU CtY DS MiU
NN NNC PU WaU

Akademiia nauk SSSR. Institut vostokovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Oriental Studies. Studies]
CLU NN PPDrop

Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]
MH

Akademiia nauk URSR, Kiev. Instytut istorii. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Institute of History. Studies]. In Ukrainian.
NNC

Baku. Muzei istorii Azerbaidzhana. Trudy [Museum of the History of Azerbaijan. Transactions]. In Russian and Azerbaijani.

Erivan. Gosudarstvennyi istoricheskii muzei Armenii. Trudy [State Historical Museum of Armenia. Transactions]. In Armenian.

Institut zur Erforschung der UdSSR - Institut po izucheniiu SSSR. Issledovaniia i materialy [Institute for the Study of the U.S.S.R. Investigations and Materials]
CLU CSt-H CaOTU CtY DA DNLM
DS ICU IaU MH MH-L MiU
NIC NN NNC PSt PU PU-Et
RPB ViU

Institut zur Erforschung der UdSSR - Institut po izucheniiu SSSR. Vestnik [Institute for the Study of the U.S.S.R. Review]
CLU CtY DS IU NN NNC
PU

Istoricheskie zapiski [Historical Records]
CLU CU CtY DS ICU MH
MdBJ MiDW NIC NN NNC NNIS
NjP OU P PSt PU RPB

Istoricheskii arkhiv [Historical Archives]
NN NNC NNIS

Litopys Volyni [Volhynian Chronicle]. In Ukrainian.
NN

Moscow. Gosudarstvennyi istoricheskii muzei. Trudy [State Historical Museum. Transactions]
InU MH NN NNC

Moscow. Muzei istorii i rekonstruktsii Moskvy. Trudy [Museum of the History and Reconstruction of Moscow. Transactions]
MH NIC

Novik; istoriko-genealogicheskii zhurnal [Recruit from the Gentry; Historical and Genealogical Journal]

Obzor vazhneishikh sobytii v SSSR [Review of the Principal Events in the U.S.S.R.]

Old times. Staroe vremia.

Palestinskii sbornik [Palestine Review]
DDO ICU MiU NN NNC

Prepodavanie istorii v shkole [Teaching History in Schools]
IaU MH NN NNIS

Problemy istochnikovedeniia [Problems of the Study of Historical Sources]

Rid ta znameno [Lineage and Arms]. In Ukrainian.

Sovetskoe vostokovedenie [Soviet Oriental Studies]
DS MnU NN RPB

Tiflis. Muzei Gruzii. Vestnik [Museum of Georgia. Review]. In Georgian with summaries in Russian.

Ukrains'kyi zbirnyk [Ukrainian Review]. In Ukrainian.
CU CtY ICU IU IaU MH
MH-L MiU NN NNC NjP PSt

Ulan-Ude. Buriat-Mongol'skii gosudarstvennyi nauchno-issledovatel'skii institut kul'tury. Zapiski [Buryat-Mongolian State Scientific Research Institute of Culture. Records]

Vestnik drevnei istorii [Review of Ancient History]
CtY DS ICU MH NIC NN
NNC NNIS OCl RPB WaU

Vizantiiskii vremennik [Byzantine Chronicle]

Voennaia byl' [The Military Past]

Voprosy istorii [Problems of History]
CLU CSt-H CU CtY DS ICU
MH NN NNC NNIS NcD OCl
OU PU RPB WaU

Winnipeg. Ukrainian Research Institute of Volyn'. Proceedings [Instytut doslidiv Volyni. Pratsi]. In Ukrainian.
MH

### b) Archeology & antiquities

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia arkheologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Archaeological Series]

Akademiia nauk SSSR. Institut istorii material'noi kul'tury. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of History of Material Culture. Brief Summaries of Reports and Field Explorations]
CLSU CLU CU CtY DDO ICU
IaU MH-P MiU MoU NIC NN
NNC NNIS OU PU-Mu RPB

Akademiia nauk URSR, Kiev. Instytut arkheologii. Kratkie soobshcheniia [Academy of Sciences of the Ukrainian S.S.R. Institute of Archaeology. Brief Reports]
ICU InU MH-P NNC

Akademiia nauk Uzbekskoi SSR, Tashkent. Institut istorii i arkheologii. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of History and Archaeology. Transactions]
DS

Epigrafika Vostoka [Epigraphy of the Orient]

Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
CLU CU CtY DDO ICU IaU
InU KU MH MH-P MdBJ MiU
NIC NN NNC PU-Mu WU WaU

Moscow. Gosudarstvennyi istoricheskii muzei. Pamiatniki kul'tury [State Historical Museum. Landmarks of Culture]
CLU CtY MH MiU NN NNC

Sovetskaia arkheologiia [Soviet Archaeology]
CLU CSt-H CU DS IaU MH
NN NNIS PU-Mu RPB WaU

## 5. SOCIAL SCIENCES

### a) Commerce

Bukhgalterskii uchet [Accounting]
DS NNC

Finskii torgovyi zhurnal [Finnish Commercial Journal]

Nemetskii eksport [German Export]

Novosti torgovoi tekhniki; prilozhenie k zhurnalu "Sovetskaia torgovlia" [News of Trade Technology; supplement to the periodical "Soviet Commerce"]
NNIS

Sovetskaia torgovlia [Soviet Commerce]
CU CaOOS IU NN NNC NNIS

Torgovlia za rubezhom [Trade Abroad]
MdBJ NNIS WaU

Vneshniaia torgovlia [Foreign Trade]
CSt-H CU CaOOS DS ICU IU
MH NN NNC NNIS PU RPB
WaU

### b) Economics

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut ekonomiki. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Economics. Transactions]
DS

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia ekonomicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Economic Series]

Akademiia nauk SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. Uchenye zapiski po statistike [Academy of Sciences of the U.S.S.R. Department of Economics, Philosophy, and Law. Studies in Statistics]
DS NNC

Akademiia nauk URSR, Kiev. Instytut ekonomiky. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Institute of Economics. Studies]
CtY InU MH NNC

Leningrad. Finansovo-ekonomicheskii institut. Nauchnye zapiski [Institute of Finance and Economics. Studies]

Mirovoe khoziaistvo i mirovaia politika [World Economy and World Politics]

Planovoe khoziaistvo [Planned Economy]
CLSU CaOOS CtY DS ICU IU
MH MiD NIC NN NNIS NcD
OU RPB

Sbornik pravil perevozok i tarifov zheleznodorozhnogo transporta Soiuza SSR [Collection of Regulations Governing Railroad Transportation and Rates in the U.S.S.R.]
DS

Spravochnik adresov po obmenu zhiloploshchadi [List of Addresses of Living Quarters for Exchange]

Vestnik statistiki [Statistical Review]
CU CaOOS DS ICJ ICU InLP
NN NNIS RPB WaU

Voprosy ekonomiki [Problems of the Economy]
CLSU CLU CU CaOOS CtY DA
DS ICU IU MH NN NNC
NNIS NcD OU PU WaU

### c) Finance

Den'gi i kredit [Money and Credit]
CU CaOOS DS IU NN NNC

Finansy SSSR [Finance of the U.S.S.R.]
CLU CaOOS DS ICU IU
NNC NNIS

### d) Labor

Rabotnitsa [The Woman Worker]
DS MH MdBJ NNIS WaU

Rabotnitsa i sialianka [The Woman Worker and Peasant Woman]. In White Russian.

Sotsialisticheskii trud [Socialist Labor]
CaOOS NNIS

Sovetskie profsoiuzy [Soviet Trade Unions]
MdBJ NNC

Vil'nyi ukrains'kyi robitnik [The Free Ukrainian Worker]. In Ukrainian.

Vsemirnoe profsoiuznoe dvizhenie [World Trade Union Movement]
CLU MH NN

### e) Sociology

Arkhiv Marksa i Engel'sa [Archives of Marx and Engels]

Kazach'ia zhizn' [Cossack Life]

Klub [The Club]
DS NN NNIS

Novyi svit [The New World]. In Ukrainian

Obozrenie [Review]

Orthodox Eastern Church, Russian. Germanskaia eparkhiia. Pravoslavnyi tserkovno-blagotvoritel'nyi komitet. Soobshcheniia [German Eparchy. Orthodox Church Charity Committee. Reports]

Radians'ka zhinka [Soviet Woman]. In Ukrainian
CLU MdBJ

Russkii vestnik [Russian Herald]. Organ of the Russian Consolidated Mutual Aid Society of America

Smena [The Younger Generation]
MH NN NNC NNIS

Sotsial'noe obespechenie [Social Security]
NNIS

Sovetskaia zhenshchina [Soviet Woman]
CLU DS NN NNIS

Sovetskii krasnyi krest [Soviet Red Cross]
DS NNIS

Ukrainian Canadian Committee. Biuleten' [The Bulletin]. In Ukrainian.
NN

Ukrainian Congress Committee of America. Ukrains'kyi Kongresovyi Komitet Ameryky. Informatsiia [Information]. In Ukrainian.

Ukrains'ko tsentral'ne dopomohove ob'ednannia v Avstrii. Biuleten' [Ukrainian Central Relief Association in Austria. Bulletin]. In Ukrainian.

Volia [Freedom]. Issued by the Association of Former Political Prisoners from the U.S.S.R.
NN

Zmina [The Younger Generation]. In Ukrainian

## 6. POLITICAL SCIENCE

Agitator bloknoti [The Agitator's Notebook]. In Uzbek

Belaia Rus' [White Russia]
NN

Belaruskaia tsentral'naia rada. Biuleten' [White Russian Central Council. Bulletin]. In White Russian

Bloknot agitatora [The Agitator's Notebook]
CSt-H DS MH NN NNC Wau

Bloknot agitatora [The Agitator's Notebook]. For Azerbaijan.

Bloknot agitatora [The Agitator's Notebook]. For Omsk Province.

Bloknot agitatora [The Agitator's Notebook]. For Omsk Province.

Bloknot agitatora [The Agitator's Notebook]. For Orel Province.

Bloknot agitatora [The Agitator's Notebook]. For Saratov Province.

Bloknot agitatora [The Agitator's Notebook]. For the North Ossetian A.S.S.R.

Bloknot agitatora [The Agitator's Notebook]. For the Ukraine.

Bloknot agitatora [The Agitator's Notebook]. For Uzbekistan.
NNC

Bloknot agitatora [The Agitator's Notebook]. For White Russia.

Bloknot agitatora [The Agitator's Notebook]. In Ukrainian.

Bloknot agitatora zheleznodorozhnika [The Railroad Agitator's Notebook]

Bor'ba [The Struggle]

Chasovoi [The Sentry]
DS NNC

Delo truda - Probuzhdenie [Task of Labor - Awakening]
ICU NN

Kazakstan kommunisti [Communist of Kazakhstan]. In Kazakh.

Kommunist [Communist]
DS ICU IU NIC NN Wau
NNIS NcD PU

Kommunist [Communist]. In Kirghiz.

Kommunist Belorussii [Communist of White Russia]
Kommunist Kazakhstana [Communist of Kazakhstan]
NNIS
Kommunist Ukrainy [Communist of the Ukraine]
Kommunisti Tochikiston [Communist of Tajikistan]. In Tajik.
Komunist Belarusi [Communist of White Russia]. In White Russian.
NN NNIS
Komunist Ukrainy [Communist of the Ukraine]. In Ukrainian.
NN NNIS
Kubans'kyi krai [Kuban Region]. In Ukrainian.
Meta [The Goal]. In Ukrainian.
Mezhdunarodnaia zhizn' [International Life]
CSt-H NN
Molodezh' mira [World Youth]
DS NN
Molodoi kommunist [The Young Communist]
DS MdBJ MiU NN NNC NNIS
Moskovskii propagandist [Moscow Propagandist]
Narodnyi Kitai [People's China]
Nashi dni [Our Days]
Nezavisimyi golos [Independent Voice]
CLU
Novoe vremia [New Times]
CLCL CLU CSt-H CtY DS ICU
MH NIC NN NNC NNIS NNUN
PU
Oborona [Defense]. In Ukrainian.
Obzor inostrannoi pechati [The Foreign Press Digest]
Otchizna [The Fatherland]
Partiakan kiank [Party Life]. In Armenian.
Partiinaia zhizn' [Party Life]
DS InU MH MdBJ NN NNC
NNIS WaU
Partiinoe prosveshchenie [Party Education]
NN
Rodina [Our Country]
Rossiiskaia nezavisimost'; russkii literaturno-politicheskii zhurnal novoi emigratsii v Amerike [The Russian Independence; Russian Literary and Political Magazine of the New Emigration in America]
Rozbudova derzhavy [Establishing the State]
CtY
Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Issued in the languages of all Union republics.
CLCL DS ICMILC ICU NNIS
Russkii put' [Russian Way]
Sakartvelos komunisti [Georgian Communist]. In Georgian.
Satirikon [Satyricon]
Slaviane [The Slavs]
CLU CSt-H CU CtY DS ICU
MB MH NIC NN NNC NNIS
NjP OU PU WU WaU
Soiuz bor'by za osvobozhdenie narodov Rossii, Munich. Preds"ezdovskii listok [Union for Struggle for the Liberation of the Peoples of Russia. Preconference Leaflet]
Sotsialisticheskii vestnik. The Socialist Courier.
CU CtY DS MH NN NNU-W
Svoboda [Freedom]
MiD NN
Svobodnaia mysl' [Free Thought]
Toronto. Belaruski das'ledchy instytut. Dakumanty i fakty [White Russian Research Institute. Documents and Facts]. In White Russian.
Turkmenistan kommunisti [Communist of Turkmenistan]. In Turkmen.
Ukraina'ke informatsiine biuro. Biuloten' [Ukrainian Information Bureau. Bulletin]. In Ukrainian.
Uzbekiston kommunisti [Communist of Uzbekistan]. In Uzbek.
V zashchitu mira [In Defense of Peace]
DS NN
Vera i vernost' [Faith and Faithfulness]
Vil'na Ukraina [Free Ukraine]. In Ukrainian.
NN
Volny iz Ispanii [Waves from Spain]
Za svobodnuiu rodinu [For a Free Motherland]
Znamia Rossii [The Banner of Russia]
CLU DS NN

## 7. LAW

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Sektor filosofii i prava. Trudy [Academy of Sciences of the Kazakh S.S.R. Section of Philosophy and Law. Transactions]
Moscow. Vsesoiuznyi institut iuridicheskikh nauk. Uchenye zapiski [All-Union Institute of Juridical Sciences. Studies]
DS MdBJ
Pravnychyi visnyk [Law Journal]. In Ukrainian.
MH-L MiU-L
Russia (1923- U.S.S.R.) Gosudarstvennyi arbitrazh. Sbornik instruktivnykh ukazanii [State Arbitration Commission. Collection of Rules]
Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
CLCL CLU CSt-H CU CtY DS
ICU MH MiU NN NNC NNIS
OU PU WaU

## 8. EDUCATION

### a) General

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R.S.F.S.R. Bulletin]
InU NIC
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Nauchno-issledovatel'skii institut defektologii. Uchebno-vospitatel'naia rabota v spetsial'nykh shkolakh: dlia glukhonemykh i umstvennootstalykh detei [Academy of Pedagogical Sciences of the R.S.F.S.R. Scientific Research Institute of Defectology. Training and Educational Work in Special Schools for the Deaf and Dumb and Backward Children]
Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian.
Doshkol'noe vospitanie [Preschool Education]
CLU CU CtY DS MH NIC
NN NNC-T NNIS PU
Kul'turno-prosvetitel'naia rabota [Cultural and Educational Work]
DS MH NN NNC NNIS WaU
Leningrad. Gosudarstvennyi pedagogicheskii institut im. A.I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Scientific Records]
DNLM
Literatura po pedagogicheskim naukam [Literature on the Pedagogical Sciences]
Nachal'naia shkola [Primary School]
CLU CU CtY DS MH NN
NNC-T NNIS PU
Narodnoe obrazovanie [Public Education]
NN
Novyi svit; zhurnal pryav"iachenyi ukrains'kii problematyisi [The New World; a magazine devoted to the Ukrainian student's problems]. In Ukrainian.
Radians'ka shkola [Soviet School]. In Ukrainian.
Sem'ia i shkola [Family and School]
CLU CU CtY DS MH NN
NNC NNC-T NNIS
Sovetskaia pedagogika [Soviet Pedagogy]
CLU CSt-H CU CtY DS MH
NIC NN NNC NNC-T NNIS PU
PU-Penn
Sovetskii shkol'nik [The Soviet Schoolboy]
Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
MH
Uchebno-vospitatel'naia rabota v detskikh domakh [Training and Educational Work in Children's Homes]
Vestnik vyssheI shkoly [Review of Schools for Higher Education]
CLU CtY DS MdBJ NN NNC
NNIS PU
Vozhatyi [Pioneer Guide]
DS NN NNIS
Vsemirnye studencheskie novosti [World Student News]

### b) Physical education & games

Fizkul'tura i sport [Physical Education and Sports]
MH NN NNC NNIS PU-Penn
Legkaia atletika [Track and Field Athletics]
NNIS
Mastera sporta delitsia opytom [Masters of Sport Tell of Their Experience]
Odinnadtsataia shakhmatnaia olimpiada [Eleventh Chess Olympiad]
Shakhmaty v SSSR [Chess in the U.S.S.R.]
NN NNC NNIS
Sportivnye igry [Athletic Games]
NNIS
Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
MH NN NNIS PU-Penn

## 9. MUSIC, THEATER & MOTION PICTURES

### a) Motion pictures

Iskusstvo kino [Cinema Art]
CLSU CLU MH NN NNC NNIS
Kinomekhanik [Motion-Picture Operator]

### b) Music

Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
MH NN NNC
Mezhdunarodnaia kniga. Muzykal'naia literatura [Musical Literature]. An annual.
Mezhdunarodnaia kniga. Muzykal'naia literatura; blank dlia zakazov [Musical Literature; Order Blank]
Mezhdunarodnaia kniga. Muzykal'naia literatura; katalog dlia zakazov [Musical Literature; Order Catalog]
Mezhdunarodnaia kniga. Sovetskie grammofonnye plastinki [Soviet Phonograph Records]
Sovetskaia muzyka [Soviet Music]
CLU CU CtY DS ICU MH
MiU NN NNC NNIS OU
Sovetskie dolgoigraiushchie grammofonnye plastinki [Soviet Long-Playing Records]

### c) Theater

Molodezhnaia estrada [Young People's Stage]
Programmy moskovskikh teatrov [Programs of Moscow Theaters]
Repertuarnyi sbornik dlia armeiskoi i flotskoi khudozhestvennoi samodeiatel'nosti [Repertorial Collection for Army and Navy Amateur Performances]
Teatr [The Theater]
CLU CU CtY MH NN NNC
NNIS

## 10. FINE ARTS

### a) General

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia iskusstvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series on Art]
Akademiia nauk SSSR. Institut istorii iskusstv. Soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the History of Fine Arts. Reports]
CU NIC NN NNC
Iskusstvo [Art]
DS MH NNC NNIS
Iz tvorcheskogo opyta [Creative Experience]
Leningrad. Ermitazh. Soobshcheniia [Hermitage. Reports]
ICU
Leningrad. Ermitazh. Trudy [Hermitage. Transactions]
Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
MH NN
Mystotstvo [Art]. In Ukrainian.
Sovetskan arvest [Soviet Art]. In Armenian.
Voprosy izobrazitel'nogo iskusstva [Problems of Fine Arts]

### b) Architecture

Arkhitektura i budivnytstvo [Architecture and Construction]. In Ukrainian.
Arkhitektura i stroitel'stvo Leningrada [Architecture and Construction in Leningrad]
MH NN NNIS
Arkhitektura i stroitel'stvo Moskvy [Architecture and Construction in Moscow]
Arkhitektura SSSR [Architecture of the U.S.S.R.]
CLU CU CtY InU MH MdBJ
NN NNC NNIS PU WaU
Arkhitekturnoe nasledstvo [Architectural Heritage]
CU PSt
Problemy Sovetskogo gradostroitel'stva [Problems of Soviet City Planning]
NNC
Sovetskaia arkhitektura [Soviet Architecture]
MiDW NN
Voprosy teorii arkhitekturnoi kompozitsii [Problems of the Theory of Architectural Composition]
MH

## 11. LANGUAGE, LITERATURE & FOLKLORE

### a) Language

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series on Philology and Art]
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia lingvisticheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Linguistic Series]
Akademiia nauk SSSR. Institut iazykoznaniia. Doklady i soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Linguistics. Reports and Papers]
CLU CU CtY InU MiU NIC
NN NNC NhD
Akademiia nauk SSSR. Institut iazykoznaniia. Trudy [Academy of Sciences of the U.S.S.R. Institute of Linguistics. Transactions]
NIC

Akademiia nauk SSSR. Institut slavianovedeniia. Sbornik filologicheskoi podkomissii pri otdelenii obshchestvennykh nauk [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Philological Subcommission of the Division of Social Sciences. Collection]
CLU MH NN NNC PU

Akademiia nauk SSSR. Institut vostokovedeniia. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oriental Studies. Transactions]
CLU MH NN NNC PU

Akademiia nauk SSSR. Leningradskoe otdelenie. Trudy [Academy of Sciences of the U.S.S.R. Leningrad Division. Transactions]
CLU MH NN NNC PU

Akademiia nauk SSSR. Moskovskoe otdelenie. Trudy [Academy of Sciences of the U.S.S.R. Moscow Division. Transactions]
CLU MH NN NNC PU

Akademiia nauk Uzbekskoi SSR. Institut iazyka i literatury. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of Language and Literature. Transactions]
MH NN NNC PU

Akademiia nauk Uzbekskoi SSR. Institut vostokovedeniia. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of Oriental Studies. Transactions]
MH NN NNC PU

Akademiia nauk Ukrainskoi SSR. Institut movoznavstva. Pratsi [Academy of Sciences of the Ukrainian S.S.R. Institute of Linguistics. Transactions]
In White Russian.

Biuletyn fonetychnykh laboratoryi [Phonetic Laboratory Bulletin]
In Russian.

Inostrannye iazyki v shkole [Foreign Languages in Schools]
MH NN NNC

Leningradskii Pervyi Ordena Lenina gosudarstvennyi pedagogicheskii institut inostrannykh iazykov. Uchenye zapiski [First Leningrad Order of Lenin State Pedagogical Institute of Foreign Languages. Studies]
CU MH Mnll NN

Mezhdunarodnyi [Linguistica]. In Ukrainian.

Narodny komyssyaryat Os. Zhovtnenka Zapysky [Bulletin Scientific Society, Memoirs]. In Ukrainian.
IU MH NN

Russkii iazyk v shkole [Russian Language in Schools]
CU CaOTU MH NIC NN NNH
WU

Ukrainian.
CLU CtY MH NIC

Nauk nad Radianskoiu [Light Over the Dniepr]

Vspomogatel'nyi prigodnyi slovnik inostrannykh iazykov Ameriki [A Guide for Teachers of the Russian Language in America]

Voprosy lazykoznaniia [Problems of Linguistics]
CtY IU InU MH MiU NN
NT NjP NNH NcU PU RPB

Voprosy lazykoznaniia [Problems of Linguistics]. Issued by the Department of the Russian Language and General Linguistics of Iowa State University.
CU MH

## 6) Literature & Folklore

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia Otdila literaturovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Literary Series]

Akademiia nauk SSSR. Izvestiia. Otdelenie literatury i iazyka [Academy of Sciences of the U.S.S.R. Bulletin. Department of Literature and Language]
CLSU CLU CU CtY INLM NjP
MH NN NNC NNH OCl PPi
RPB Wau

Akademiia nauk SSSR. Institut mirovoi literatury. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of World Literature. Studies]

Akademiia nauk SSSR. Institut russkoi literatury. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Russian Literature. Studies in Ancient Russian Literature. Transactions]
PU

Akademiia nauk SSSR. Institut russkoi literatury. Rukopisnyi otdel. Bulletin [Academy of Sciences of the U.S.S.R. Institute of Russian Literature. Section of Manuscripts (Pushkin House). Manuscript Bulletin. Bulletins]
IU

Akademiia nauk Tadzhikskoi SSR. Stalinabad. Institut iazyka i literatury. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Language and Literature]

Al'manakh "Molodaia gvardiia" [The Young Guard Almanac]

## 7) Azerbaijani

## 8) Georgian

Drosha [The Banner]. In Georgian.

Druzhba narodov [Friendship of Peoples]
CU CtY DS MiU NN NNC
NNUN

Kiata Bashkortostan [Literary Bashkiria]. In Bashkir.

Oraul [Frontiers]

Inostrannaia literatura [Foreign Literature]
MH NN NNUN

Ufimets' [Youth]
MH NNUN

Kirgizstan [Kirghizistan]

Literatura slavianskikh narodov [Literature of Slavic Peoples]
CU

Literatura v shkole [Literature in Schools]
CU DS MH NN NNUN

Literaturna spadshchyna [Literary Heritage]. In Ukrainian.

Literaturnyi Azerbaidzhan [Literary Azerbaijan]
NNUN

Literaturnyi sovremennik [The Literary Contemporary]

Literaturnyi Stalingrad [Literary Stalingrad]

## 9) Geography & Cartography

Akademiia nauk Gruzinskoi SSR, Tbilisi. Akademiia institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Georgian S.S.R. Academician Institute of Language, Literature, and History. Transactions]

Akademiia nauk Gruzinskoi SSR, Tbilisi. Institut zemleustroistva. Materialy po etnografii Gruzii [Academy of Sciences of the Georgian S.S.R. Institute of History. Materials on the Ethnography of Georgia]

Akademiia nauk SSSR. Institut etnografii. Sovetskaia etnografiia [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Soviet Ethnography]
CLSU CLU CSt-H CU CaOTU CtY
DS ICU InU MH MiU MH-P
NIC NN NNC NjP OCl OU
PU-Mu Wau

Geologicheskii zhurnal [Geological Journal]

Sovetskaia etnografiia [Soviet Ethnography]
CLSU CLU CtY DS NIC OCl
MH MH-P NN NNC NNUN RPB
NjP OCl PU WaU

Akademiia nauk SSSR. Kazanskii filial, Kazan. Izvestiia. Seriia geologicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Bulletin. Series in the Geological Sciences]
CU NNC

Akademiia nauk SSSR. Kazanskii filial, Kazan. Trudy. Seriia geologicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions. Series in the Geological Sciences]

Akademiia nauk SSSR. Kazanskii filial, Kazan. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Kazan Branch. Geological Institute. Transactions]

Akademiia nauk SSSR. Kirgizskii filial, Frunze. Institut geologii. Trudy [Academy of Sciences of the U.S.S.R. Kirghiz Branch. Institute of Geology. Transactions]

Akademiia nauk SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Trudy [Academy of Sciences of the U.S.S.R. Commission for the Study of the Quaternary Period. Transactions]

Akademiia nauk SSSR. Komissiia po opredeleniiu absolutnogo vozrasta geologicheskikh formatsii. Biulleten' [Academy of Sciences of the U.S.S.R. Commission on Determination of the Absolute Age of Geological Formations. Bulletin]
CU

Akademiia nauk SSSR. Laboratoriia geologii dokembriia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of the Geology of the Pre-Cambrian. Transactions]
CU

Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
NN

Akademiia nauk SSSR. Laboratoriia vulkanologii. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Volcanology. Transactions]
NN NNC

Akademiia nauk SSSR. Mineralogicheskii muzei. Trudy [Academy of Sciences of the U.S.S.R. Mineralogical Museum. Transactions]
NNC RPB

Akademiia nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions]
CLCM CLSU CLU DI-GS NN NNC NNIS NcRS PPAN

Akademiia nauk SSSR. Sovet po seismologii. Biulleten' Academy of Sciences of the U.S.S.R. Council on Seismology]
CU

Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]
CU NNM

Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U.S.S.R. East Siberian Branch. Transactions]
CU

Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut seismologii. Biulleten' seismicheskoi seti Tadzhikistana [Academy of Sciences of the Tajik S.S.R. Institute of Seismology. Bulletin of the Seismic Network of Tajikistan]

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series]

Geokhimiia [Geochemistry]
MH NN

Kora vyvetrivaniia; geologiia, mineralogiia, protsessy vyvetrivaniia, mineral'nye mestorozhdeniia [Weathering Zone; Geology, Mineralogy, Processes of Weathering, Mineral Deposits]
CU

Leningrad. Vsesoiuznyi geologicheskii institut. Informatsionnyi sbornik [All-Union Geological Institute. Information Bulletin]

Leningrad. Vsesoiuznyi geologicheskii institut. Materialy [All-Union Geological Institute. Materials]

Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
CU MH NN

Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
CLCM CU IU NN NNC

L'vivs'ke geologichne tovarystvo. Trudy. Paleontologichna seriia [Lvov Geological Society. Transactions. Paleontological Series]
CaOOG DSI PPAN

Mineralogicheskii sbornik [Mineralogical Review]
NIC

Moscow. Moskovskii geologo-razvedochnyi institut. Trudy [Moscow Geological Prospecting Institute. Transactions]

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. Sistematicheskii ukazatel' statei v inostrannykh zhurnalakh; geologiia, geofizika i geografiia [All-Union State Library of Foreign Literature. Classified Index of Articles in Foreign Periodicals; Geology, Geophysics, and Geography]

Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]
CLU MH NN NNIS NjP WaU

Ocherki po istorii geologicheskikh znanii [Studies in the History of Geological Science]
IU NNC

Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]

Voprosy mikropaleontologii [Problems of Micropaleontology]

Voprosy mineralogii osadochnykh obrazovanii [Mineral Problems of Sedimentary Deposits]
MH

Voprosy paleontologii [Problems of Paleontology]

Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Records]
CLU NNIS

Vsesoiuznoe mineralogicheskoe obshchestvo. Uzbekistanskoe otdelenie. Zapiski [All-Union Mineralogical Society. Uzbekistan Branch. Records]

Vsesoiuznyi aerogeologicheskii trest. Trudy [All-Union Aerogeological Trust. Transactions]

## 13. SCIENCE

### a) General

Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
CU DA MH MiU NIC NNC

Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Estestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Natural History]

Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh, estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences, Natural History, and Technology]
DA RPB

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]
DA

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia astronomii, fiziki, matematiki i mekhaniki [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Astronomy, Physics, Mathematics, and Mechanics]

Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
CLU CU CtY DN-RL DS ICU IU MH NN NNC NNIS NcD NjP OCU OCoB P PSt PU-Math RPB TU WaU

Akademiia nauk SSSR. Arkhiv. Trudy [Academy of Sciences of the U.S.S.R. Archives. Transactions]
CtY MH NN NNC RPB

Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]
CU DA ICU MiU NN RPB

Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U.S.S.R. East Siberian Branch. Transactions]

Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]. In Ukrainian.
DS KU MoKL RPB

Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika [All-Union Institute of Scientific and Technical Information. Express Information. Series: Computer Engineering]

Nauka i zhizn' [Science and Life]
CLU CU DNLM DS ICJ MH NN NNC NNIS WaU

Okhrana prirody i zapovednoe delo v SSSR. Biulleten' [Protection of Nature and the Work of the Preserves in the U.S.S.R. Bulletin]
CU

Priroda [Nature]
CLU CU CtY MH MoKL NN NNC NNIS OCoB OU PU RPB WaU

Tashkent. Universitet. Biulleten' Sredneaziatskogo gosudarstvennogo universiteta [University. Bulletin of the Central Asia State University]

Voprosy istorii estestvoznaniia i tekhniki [Problems of the History of Natural Science and Technology]

Znanie - sila [Knowledge is Power]
MH NNIS

### b) Astronomy

Abastumani. Astrofizicheskaia observatoriia. Biulleten' [Astrophysical Observatory. Bulletin]

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Astrofizicheskii institut. Izvestiia [Academy of Sciences of the Kazakh S.S.R. Astrophysical Institute. Bulletin]
ICU-Y NNC

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Sektor astrobotaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Sector of Astrobotany. Transactions]

Akademiia nauk URSR, Kiev. Holovna astronomichna observatoriia. Izvestiia [Academy of Sciences of the Ukrainian S.S.R. Main Astronomical Observatory]
CU ICU MH

Astronomicheskii tsirkuliar [Astronomical Circular]
CU NNC RPB

Astronomicheskii zhurnal [Journal of Astronomy]
CLU CU CtY DN-RL ICU MoKL NIC NN NNIS RPB

Byurakan. Observatoriia. Soobshcheniia [Byurakan. Observatory. Reports]
NN RPB

Geodeziia i kartografiia [Geodesy and Cartography]

Istoriko-astronomicheskie issledovaniia [Studies in the History of Astronomy]
RPB

Kharkov. Universitet. Observatoriia. TSirkuliar [University. Observatory. Circular]
NNC RPB

Kiev. Universytet. Astronomichna observatoriia. Publikatsii [University. Astronomical Observatory. Publications]

Leningrad. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]

Meteoritika [Meteoritics]
NNC

Moscow. Universitet. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [University. State Astronomical Institute. Reports]

Moscow. Universitet. Gosudarstvennyi astronomicheskii institut. Trudy [University. State Astronomical Institute. Transactions]

Peremennye zvezdy [Variable Stars]
CLU CU IU MH NNC RPB

Poltava. Gravimetrychna observatoriia. Trudy [Observatory for Gravity Measurement. Transactions]
MiU OU

Pulkovo. Astronomicheskaia observatoriia. Izvestiia [Astronomical Observatory. Bulletin]

Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
CU IU MiU NN NNC RPB

Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. Sbornik statei po geodezii [Main Administration of Geodesy and Cartography. Collected Papers on Geodesy]

Stalinabad. Astronomicheskaia observatoriia. Biulleten' [Astronomical Observatory. Bulletin]
MiU NN RPB TNJ

Tashkent. Astronomicheskaia observatoriia. TSirkuliar [Astronomical Observatory. Circular]
ICU

Voprosy kosmogonii [Problems in Cosmogony]
ICU NIC NN NNC RPB ViU

Vsesoiuznoe astronomo-geodezicheskoe obshchestvo. Biulleten' [All-Union Astronomical-Geodetic Society. Bulletin]
IU OCU RPB

### c) Biology

Akademiia nauk Armianskoi SSR, Erivan. Botanicheskii institut. Trudy [Academy of Sciences of the Armenian S.S.R. Botanical Institute. Transactions]
NNC

Akademiia nauk Armianskoi SSR, Erivan. Institut fiziologii. Nauchnye trudy [Academy of Sciences of the Armenian S.S.R. Institute of Physiology. Scientific Works]

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut botaniki. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Botany. Transactions]

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut zoologii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Zoology. Transactions]

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut fiziologii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Physiology. Transactions]
DNLM

Akademiia nauk Gruzinskoi SSR, Tiflis. Zoologicheskii institut. Trudy [Academy of Sciences of the Georgian S.S.R. Zoological Institute. Transactions]
DA

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia biologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Biological Series]

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia fiziologii i meditsiny [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Physiology and Medicine]

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia parazitologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Parasitological Series]

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia zoologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Zoological Series]

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Botany. Transactions]
NIC NIC-A

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut fiziologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Physiology. Transactions]
DNLM

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Transactions]
CU

Akademiia nauk SSSR. Izvestiia. Seriia biologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series]
CLSU CLU CSt CtY DA DNLM
ICJ ICU IaU MH MdBJ MoKL
NN NNC NNIS NcD NcU RPB
WaU

Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 1. Flora i sistematika vysshikh rastenii [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 1. Flora and Systematics of Higher Plants]
LU WaU

Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 3. Geobotanika [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 3. Geobotany]
CLSU CLU CtY NNC PPAmP WaU

Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 4. Eksperimental'naia botanika [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 4. Experimental Botany]

Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 5. Rastitel'noe syr'e [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 5. Plant Resources]

Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 6. Introduktsiia rastenii i zelenoe stroitel'stvo [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 6. Introduction of Plants and Landscape Gardening]
NNC

Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 8. Paleobotanika [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 8. Paleobotany]
CU

Akademiia nauk SSSR. Botanicheskii institut. Gerbarii. Botanicheskie materialy [Academy of Sciences of the U.S.S.R. Botanical Institute. Herbarium. Botanical Materials]

Akademiia nauk SSSR. Botanicheskii institut. Otdel sporovykh rastenii. Botanicheskie materialy [Academy of Sciences of the U.S.S.R. Botanical Institute. Section of Cryptogamic Plants. Botanical Materials]

Akademiia nauk SSSR. Dal'nevostochnaia baza, Vladivostok. Trudy. Seriia botanicheskaia [Academy of Sciences of the U.S.S.R. Far Eastern Base. Transactions. Botanical Series]

Akademiia nauk SSSR. Dal'nevostochnyi filial, Vladivostok. Trudy. Seriia botanicheskaia [Academy of Sciences of the U.S.S.R. Far Eastern Branch. Transactions. Botanical Series]

Akademiia nauk SSSR. Fiziologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physiology. Transactions]

[illegible]ntologicheskaia laboratoriia [Academy of Sciences of the U.S.S.R. Transactions]
NNC

Akademiia nauk SSSR. Institut fiziologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physiology. Transactions]
CtY DA DNLM NN NNC

Akademiia nauk SSSR. Institut fiziologii rastenii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Plant Physiology. Transactions]
CLU CU DA IaU NN NcRS
WaU

Akademiia nauk SSSR. Institut genetiki. Trudy [Academy of Sciences of the U.S.S.R. Institute of Genetics. Transactions]
CLSU DNLM ICJ NN NNC PPAN

Akademiia nauk SSSR. Institut mikrobiologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Microbiology. Transactions]
CU DA DNLM NIC-A NNC

Akademiia nauk SSSR. Institut morfologii zhivotnykh. Trudy [Academy of Sciences of the U.S.S.R. Institute of Animal Morphology. Transactions]
DA DNLM NIC NNC PPAN

Akademiia nauk SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia fiziologicheskaia [Academy of Sciences of the U.S.S.R. Institute of Higher Nervous Function. Transactions. Physiological Series]
DNLM

Akademiia nauk SSSR. Kirgizskii filial, Frunze. Biologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Kirghiz Branch. Biological Institute. Transactions]

Akademiia nauk SSSR. Laboratoriia sapropelevykh otlozhenii. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Sapropelic Deposits. Transactions]

Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Biology. Transactions]
DA

Akademiia nauk SSSR. Zoologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Zoological Institute. Transactions]
CLSU CU ICU NN PPAN WaU

Akademiia nauk SSSR. Zoologicheskii institut. Trudy problemnykh i tematicheskikh soveshchanii [Academy of Sciences of the U.S.S.R. Zoological Institute. Transactions of Conferences on Problems and Topics]
CU DA IU MH MiU

Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie estestvennykh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Natural Science. Bulletin]

Akademiia nauk Turkmenskoi SSR, Ashkhabad. Murgabskaia gidrobiologicheskaia stantsiia. Trudy [Academy of Sciences of the Turkmen S.S.R. Murgab Hydrobiological Station. Transactions]
DA

Akademiia nauk URSR, Kiev. Instytut botaniky. Botanichnyi zhurnal [Academy of Sciences of the Ukrainian S.S.R. Botanical Institute. Botanical Journal]. In Ukrainian.

Akademiia nauk URSR, Kiev. Instytut entomologii ta fitopatologii. Nauchnye trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Entomology and Phytopatology. Studies]
NIC NIC-A NNC

Akademiia nauk URSR, Kiev. Instytut hidrobiologii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Hydrobiology. Transactions]
CLU CtY DSI MH NN PPAN

Akademiia nauk URSR, Kiev. Instytut zoologii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Zoological Institute. Transactions]
CtY DSI NNC PPAN

Akademiia nauk URSR, L'vivs'kyi naukovyi pryrodoznavchyi muzei. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Lvov Scientific Museum of Natural History. Scientific Records]
MH

Akademiia nauk Uzbekskoi SSR, Tashkent. Botanicheskii sad. Trudy [Academy of Sciences of the Uzbek S.S.R. Botanical Garden. Transactions]

Akademiia navuk BSSR, Minsk. Vestsi. Seryia biialagichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Biological Sciences]. In White Russian.
CU

Akademiia navuk BSSR, Minsk. Instytut biiatogii. Sbornik naukhnykh trudov [Academy of Sciences of the White Russian S.S.R. Institute of Biology. Collected Scientific Works]

Alma-Ata. Botanicheskii sad. Trudy [Botanical Garden. Transactions]

Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
CSt CU DNLM ICJ MnU NIC

Biofizika [Biophysics]
DH DNLM MH RPB

khimiia, fiziologiia, mikrobiologiia; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Biophysics, Biochemistry, Physiology, Microbiology; Systematical Index of the Articles in Foreign Journals]
Biochemistry]
CU CtY DA DNLM ICU
MnU MoKL NIC NN NNC
NNIS OCoB RPB WaU

Biologicheskaia stantsiia "Borok." Trudy [Biological Station "Borok." Transactions]
CU NNM

Botanicheskii zhurnal [Botanical Journal]
CLSU CU CtY ICJ ICU InU
MH MoKL NNIS OCoB RPB WaU

Deistvie izlucheniI i primenenie izotopov v biologii; sbornik perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Effect of Radiation and Application of Isotopes in Biology; Translations, Surveys, and Abstracts of Foreign Periodical Literature]

Entomologicheskoe obozrenie [Entomological Review]

Erivan. Botanicheskii sad. Biulleten' [Botanical Garden. Bulletin]
NIC-A NNC

Estestvoznanie v shkole [Natural History in Schools]
CU MH NNIS

Fauna SSSR [Fauna of the U.S.S.R.]
CLU CU DA ICJ ICU LU
MH NNC NcD PPAN PPAmP WaU

Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
DA DNLM ICJ ICU MiU NNIS
RPB

Fiziologicheskii zhurnal [Physiological Journal]. In Ukrainian.
DH

Fiziologiia rastenii [Physiology of Plants]
DA DNLM NIC

Flora Azerbaidzhana [Flora of Azerbaijan]

Flora URSR [Flora of the Ukrainian S.S.R.]

IUnyi naturalist [Young Naturalist]

Karadaga'ka biologichna stantsiia. Trudy [Karadag Biological Station. Transactions]

Leningradskoe obshchestvo estestvoispytatelei. Trudy [Leningrad Naturalists' Society. Transactions]

Materialy k poznaniiu fauny i flory SSSR. Otdel zoologicheskii [Contributions to the Knowledge of the Fauna and Flora of the U.S.S.R. Zoological Section]

Mikrobiologicheskii sbornik [Microbiological Review]
DA

Mikrobiologichnyi zhurnal [Journal of Microbiology]. In Ukrainian.
CLU NIC-A OU

Mikrobiologiia [Microbiology]
DNLM ICJ ICU LU MH MoKL
NNC RPB WaU

Moscow. Glavnyi botanicheskii sad, Pushkinskoye. Biulleten' [Main Botanical Garden. Bulletin]
MoKL NNC

Moscow. Glavnyi botanicheskii sad, Pushkinskoye. Trudy [Main Botanical Garden. Transactions]
CU DA

Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society Bulletin. Biological Section]
RPB

Opredeliteli po faune SSSR [Guides to the Fauna of the U.S.S.R.]
CLSU CU CaOTU CtY DNLM [illegible]
DSI ICU IU KU NN [illegible]
PPAN PPAmP PU

Parazitologicheskii sbornik [Parasitological Review]
NNC

Problemy fiziologicheskoi akustiki [Problems of Physiological Acoustics]
RPB

Problemy fiziologicheskoi optiki [Problems of Physiological Optics]

Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
CLU DA DH DNLM ICJ [illegible]
NNC NNIS

Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
CLU CuOON DA KU

Sevan. Gidrobiologicheskaia stantsiia. Trudy [Hydrobiological Station. Transactions]

Trudy fiziologicheskikh laboratorii akademika I. P. Pavlova [Transactions of Academician I. P. Pavlov's Physiological Laboratories]

Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal]. In Ukrainian and Russian.

Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian.

Uspekhi sovremennoi biologii [Progress in Contemporary Biology]
CU CtY DA DNLM ICU [illegible]
MH MnU MoKL NNIS OU PU
WaU

Uspekhi sovremennoi biologii [Progress in Contemporary Biology]

Voprosy ikhtiologii [Problems in Ichtyology]
IU NIC NN PPAN

Voprosy pitaniia [Problems of Nutrition]
DA NNIS

Zhurnal obshchei biologii [Journal of General Biology]
DA DNLM ICU InU MH MdBJ
MnU MoKL NN PPAN PPAmP PPiU
RPB WaU

Zoologicheskii sbornik [Zoological Review]

Zoologicheskii zhurnal [Zoological Journal]
CU CtY DNLM ICU MH

### d) Chemistry

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut khimii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Chemistry. Transactions]
CU

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia khimicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Chemical Series]

Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
CLU CU CtY DBS ICU [illegible]
LU MH MdBJ MoKL NN [illegible]
NNIS NcD NcU OCoB P [illegible]
WaU

Akademiia nauk SSSR. Institut fizicheskoi khimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physical Chemistry. Transactions]
NNC

Akademiia nauk SSSR. Institut kristallografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Crystallography. Transactions]
CU NN WaU

Akademiia nauk SSSR. Institut obshchei i neorganicheskoi khimii. Khimiia redkikh elementov [Academy of Sciences of the U.S.S.R. Institute of General and Inorganic Chemistry. Chemistry of Rare Elements]
CtY NN

Akademiia nauk SSSR. Institut obshchei i neorganicheskoi khimii. Sektor fiziko-khimicheskogo analiza. Izvestiia [Academy of Sciences of the U.S.S.R. Institute of General and Inorganic Chemistry. Sector of Physicochemical Analysis. Bulletin]
WaU

Akademiia nauk SSSR. Institut obshchei i neorganicheskoi khimii. Sektor platiny i drugikh blagorodnykh metallov. Izvestiia [Academy of Sciences of the U.S.S.R. Institute of General and Inorganic Chemistry. Sector of Platinum and Other Noble Metals. Bulletin]

Akademiia nauk SSSR. Kazanskii filial, Kazan. Trudy. Seriia khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions. Series in the Chemical Sciences]

Akademiia nauk SSSR. Komissiia po analiticheskoi khimii. Trudy [Academy of Sciences of the U.S.S.R. Commission on Analytical Chemistry. Transactions]
IU NN WaU

Akademiia nauk Uzbekskoi SSR, Tashkent. Institut khimii. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of Chemistry. Transactions]
NNC

Gidrokhimicheskie materialy [Materials on Hydrochemistry]

Khimicheskaia nauka i promyshlennost' [Chemical Science and Industry]

Khimiia v shkole [Chemistry in Schools]

Kolloidnyi zhurnal [Colloid Journal]
CLU CtY NN NNIS NcD OCoB RPB

Problemy kinetiki i kataliza [Problems of Kinetics and Catalysis]
ICJ MH

Reaktsii i metody issledovaniia organicheskikh soedinenii [Reactions and Methods of Investigating Organic Compounds]

Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]
CLU CU CaOON CtY DNLM ICJ IU NN RPB

Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
DA DSI NN

Uspekhi khimii [Progress in Chemistry]
CLU CU CtY ICU IU MH MoKL NN NNC NNIS OCoB PSt RPB

Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
CtY DA ICU IU MH MoKL NIC NN NNC NNIS NcD OCoB RPB

Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
CLSU CLU CtY DA ICJ ICU InU LU MH MnU NN NNIS NcD NjP OCoB OU PPAN PSt PU-Sc RPB WaU

Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
InLP MH NN

Zhurnal obshchei khimii [Journal of General Chemistry]
CLU CU CtY DNLM ICJ ICU IEN IU LU MH MiU MnU MoKL MoU NIC NN NNIS NcD NjP OCU OCIW OCoB PU RPB WaU

### e) Mathematics

Akademiia nauk Armianskoi SSR, Erivan. Institut matematiki i mekhaniki. Soobshchenila [Academy of Sciences of the Armenian S.S.R. Institute of Mathematics and Mechanics. Reports]
NNC

Akademiia nauk Gruzinskoi SSR, Tiflis. Matematicheskii institut. Trudy [Academy of Sciences of the Georgian S.S.R. Mathematical Institute. Transactions]
NNC

Akademiia nauk SSSR. Izvestiia. Seriia matematicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]
CLU CU CaOTU CtY DBS DS ICJ ICU IEN IU IaU InNd KU LU MH MdBJ MiU MnU MoKL NIC NN NNC NNIS NNU NcD NjP OrCS PU RPB WaU

Akademiia nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]
ICU IU IaU LU MH MdBJ NN NNC NNU-W NjP RPB WaU

Akademiia nauk URSR, Kiev. Instytut matematyky. Zbirnyk prats' [Academy of Sciences of the Ukrainian S.S.R. Institute of Mathematics. Collected Works]. In Russian or Ukrainian.

Akademiia nauk Uzbekskoi SSR, Tashkent. Institut matematiki i mekhaniki. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of Mathematics and Mechanics. Transactions]

Istoriko-matematicheskie issledovaniia [Studies in the History of Mathematics]

Matematicheskii sbornik [Mathematical Review]
CLSU CLU CSt-H CU CtY GAGT ICU IEN LU MoKL NN NNC NNIS NcD NjP PU RPB TU TxU WaU

Matematika v shkole [Mathematics in Schools]
CU MH NN NNIS RPB

Moskovskoe matematicheskoe obshchestvo. Trudy [Moscow Mathematical Society. Transactions]
ICU InLP MdBJ NNC

Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
CLU CU CtY ICU MH MoKL NN NNC NNIS OCoB OU RPB TU

Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
CLU CPT CU CaOON ICJ IU InLP InU MCM MiU NNC PU RPB WU

Teoriia veroiatnostei i ee primeneniia [Theory of Probability and its Applications]
CU MH NNBell RPB

Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
IU NN NNC

Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
CLSU CLU CSt ICU IU MCM MH MnU NN NNC NNIS NjP PU TU WaU

### f) Physics

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut fiziki i matematiki. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Physics and Mathematics. Transactions]

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut geofiziki. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Geophysics. Transactions]
NNC

Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
CLU CtY ICJ ICU MH MoKL NIC NN NNC NNIS NcD OCoB RPB WaU

Akademiia nauk SSSR. Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geophysical Series]
CU CtY DS DWB ICJ ICU IaAS IaU MnU MoKL NN NNC NNIS NcU OCoB PSt PU RPB TxHR

Akademiia nauk SSSR. Fizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics. Transactions]

Akademiia nauk SSSR. Geofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geophysical Institute. Transactions]
CU NNC OU RPB

Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Trudy. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Yakutsk Branch. Transactions. Physical Series]

Akademiia nauk Turkmenskoi SSR, Ashkhabad. Institut fiziki i geofiziki. Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of Physics and Geophysics. Transactions]

Akademiia nauk URSR, Kiev. Instytut fizyky. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Physics. Transactions]

Akademiia nauk Uzbekskoi SSR, Tashkent. Fiziko-tekhnicheskii institut. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of Physics and Technology. Transactions]

Akademiia navuk BSSR, Minsk. Vestsi. Seryia fizika-tekhnichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Physical and Technological Sciences]. In White Russian.

Akusticheskii zhurnal [Journal of Acoustics]
CPT CU MoKL NNBell NNC RPB

Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions]

Fizika, mekhanika, matematika; Sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Physics, Mechanics, Mathematics; Classified Index of Articles in Foreign Periodicals]

Fizika v shkole [Physics in Schools]
MH NNIS

Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]

Kristallografiia [Crystallography]
InLP MH NNBell

Leningrad. Glavnaia geofizicheskaia observatoriia. Trudy [Main Geophysical Observatory. Transactions]

Leningrad. Nauchno-issledovatel'skii institut zemnogo magnetizma. Trudy [Scientific Research Institute of Terrestrial Magnetism. Transactions]

Mery i izmeritel'nye pribory [Measures and Measuring Instruments]

Meteorologiia i gidrologiia [Meteorology and Hydrology]
DA MH NN

Moscow. TSentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions]

Optika i spektroskopiia [Optics and Spectroscopy]
MH NNBell RPB

Problemy sovremennoi fiziki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Contemporary Physics; Translations and Surveys of Foreign Periodical Literature]

Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
CLU CaOON ICJ IU MCM MiU NN NJP RPB WU

Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
CPT CU CaOON ICJ IU InLP InU MCM NN NNC RPB

Russia (1923- U.S.S.R.) TSentral'nyi nauchno-issledovatel'skii gidrometeorologicheskii arkhiv. Trudy [Central Hydrometeorological Scientific Research Archives. Transactions]

TSentral'naia aerologicheskaia observatoriia. Trudy [Central Aerological Observatory. Transactions]

Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]. In Ukrainian.
InU

Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
CLU CU DS ICU MH MoKL NN NNIS OCoB RPB WaU

Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
CLU CU CtY DA ICJ ICU IU IaU MCM MH MH-PR MiU MnU MoKL NN NNC NNIS NcD NjP OCoB OU PPAN PU PU-P RPB TxU WaU

## 14. MEDICINE

### a) General

Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
DNLM MH NNIS

Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
DNLM ICU

Klinicheskaia meditsina [Clinical Medicine]
DNLM ICU MnU NNC WaU

Likars'kyi visnyk [Medical Journal]. In Ukrainian.
DNLM

Meditsinskaia parazitologiia i parazitarnye bolezni [Medical Parasitology and Parasitogenic Diseases]
DNLM

Meditsinskaia radiologiia [Medical Radiology]
(DNLM)

Moscow. TSentral'nyi nauchno-issledovatel'skii institut rentgenologii i radiologii. Trudy [Central Scientific Research Institute of Roentgenology and Radiology. Transactions]

Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy]
(DNLM) (NNIS)

Problemy tuberkuleza [Problems of Tuberculosis]
DNLM ICU NNIS

Sovetskaia meditsina [Soviet Medicine]
DNLM ICU MH MnU NNC NNIS PPC PU WaU

Sovetskoe meditsinskoe referativnoe obozrenie: Mikrobiologiia, infektsionnye bolezni, epidemiologiia [Abstracts of Soviet Medical Literature: Microbiology, Communicable Diseases, Epidemiology]
(DH) (DNLM)

Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia fiziologiia, biokhimiia, farmakologiia i toksikologiia [Abstracts of Soviet Medical Literature: Normal and Pathological Physiology, Biochemistry, Pharmacology, and Toxicology]
(DH) (DNLM)

Sovetskoe meditsinskoe referativnoe obozrenie: Onkologiia [Abstracts of Soviet Medical Literature: Oncology]
(DNLM)

Sovetskoe meditsinskoe referativnoe obozrenie: Vnutrennie bolezni [Abstracts of Soviet Medical Literature: Internal Diseases]
(DH) (DNLM)

Sovetskoe zdravookhranenie [Soviet Health Service]
DNLM NNIS WaU

Sovremennye problemy onkologii; sborniki perevodov, obzorov i referatov inostrannoi periodicheskoi literatury [Contemporary Problems of Oncology; Translations, Surveys, and Abstracts of Foreign Periodical Literature]
DNLM

Moscow. Vsesoluznyi nauchno-issledovatel'skii institut mekhanizatsii sel'skogo khoziaistva. Trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture. Transactions]
Moscow. Vsesoluznyi nauchno-issledovatel'skii institut udobrenii, agrotokhniki i agropochvovedeniia. Trudy [All-Union Scientific Research Institute of Fertilizers, Cultivation Practices, and Soil Science. Transactions]
DA
Moskovskii kolkhoznik [Moscow Collective Farmer]
DA
Nauka i peredovoi opyt v sel'skom khoziaistve [Science and Progressive Experience in Agriculture]
DA NNC NNIS
CU
Pochvovedenie [Soil Science]
DA ICJ MH MoKL NN
CLU NcD OCoB WaU
NNIS
Sbornik inostrannoi sel'skokhoziaistvennoi informatsii [Collection of Foreign Agricultural Information]
Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Systematical Index of Articles in Foreign Periodicals]
DS
Sel'skoe khoziaistvo Kazakhstana [Agriculture of Kazakhstan]
Sel'skoe khoziaistvo Kirgizii [Agriculture of Kirghizia]
Sel'skoe khoziaistvo Povolzh'ia [Agriculture of the Volga Valley]
DA
Sel'skoe khoziaistvo za rubezhom; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Agriculture Abroad; Translations and Surveys of Foreign Periodical Literature]
(DA)
Sel'skokhoziaistvennaia literatura SSSR [Agricultural Literature of the U.S.S.R.]
MH
Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Traktorist, kombainer i shofer [Sel'so; Exchange of Experience in Agriculture. Series for Tractor and Combine Operators and Truck Drivers]
DA
Sel'so; vsesoiuznaia kartoteka obmena opytom v sotsialisticheskom sel'skom khoziaistve. Seriia Remont traktorov i sel'khozmashin [Sel'so; All-Union Pamphlet Collection for the Exchange of Experience in Socialist Agriculture. Series on Repairs of Tractors and Agricultural Machinery]
DA
Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Remont traktorov, sel'khozmashin i avtomobilei [Sel'so; Exchange of Experience in Agriculture. Series on Repairing Tractors, Agricultural machinery, and Trucks]
DA
Sotsialisticheskoe sel'skoe khoziaistvo [Socialist Agriculture]
CLSU CLU CSt-H CU CaOOS CtY
DA DS ICU IU IaU NIC
NN NNC NNIS OU PU RPB
WaU
Sovkhoznoe proizvodstvo [State Farm Production]
MH
Tekhsovety MTS [Technical Advice to Machine-Tractor Stations]
DA
Vsesoiuznaia Akademiia sel'skokhoziaistvennykh nauk im. I. V. Lenina. Doklady [All-Union Lenin Academy of Agricultural Sciences. Reports]
CU DA DS InU MH MdBJ
NN NNC NcRS OCoB WaU

b) Animal industry

Akademiia nauk SSSR. Ikhtiologicheskaia komissiia. Trudy sovesshchanii [Academy of Sciences of the U.S.S.R. Ichthyological Commission. Transactions of Conferences]
CU MH NN NNC WaU
Karakulevodstvo i zverovodstvo [Karakul Breeding and Fur Farming]
DA
Kharkov. Veterinarnyi institut. Sbornik trudov [Veterinary Institute. Collected Papers]
(DA)
Konevodstvo [Horse Breeding]
DA MH
Leningrad. Leningradskii institut usovershenstvovaniia veterinarnykh vrachei. Sbornik nauchnykh trudov [Leningrad Institute of Advanced Training for Veterinarians. Collected Scientific Works]
(DA)
Molochnaia promyshlennost' [Dairy Industry]
DA DS MH MdBJ MoKL NNIS
Molochnoe i miasnoe zhivotnovodstvo [Dairy and Beef Cattle Breeding]
(DA)
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Trudy [All-Union Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]
CLSU CLU DA NN
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut okhotnich'ego promysla. Trudy [All-Union Scientific Research Institute of the Hunting Industry. Transactions]
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ptitsepromyshlennosti. Trudy [All-Union Scientific Research Institute of the Poultry Industry. Transactions]
(DA)
Okhota i okhotnich'e khoziaistvo [Hunting and Game Management]
Ovtsevodstvo [Sheep Breeding]
DA
Pchelovodstvo [Apiculture]
DA MH NIC NNIS
Ptitsevodstvo [Poultry Raising]
DA NIC NN NNIS
Rybnoe khoziaistvo [Fisheries]
CtY DA MH MdBJ NNC NNIS
WaU
Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Molochnaia ferma [Sel'so; Exchange of Experience in Agriculture. Series on the Dairy Farm]
(DA)
Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Svinovodcheskaia ferma [Sel'so; Exchange of Experience in Agriculture. Series on the Swine Breeding Farm]
(DA)
Sotsialisticheskoe tvarinnytstvo [Socialist Animal Husbandry]. In Ukrainian.
Svinovodstvo [Swine Breeding]
DA
Veterinariia [Veterinary Medicine]
DA NNIS
Vsesoiuznyi nauchno-issledovatel'skii institut syrodel'noi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Cheese Industry. Transactions]
Zagotzhivsyr'o. TSentral'naia nauchno-issledovatel'skaia laboratoriia. Trudy [All-Union Office for Procurement and Distribution of Livestock Products. Central Scientific Research Laboratory. Transactions]
Zhivotnovodstvo [Animal Husbandry]
DA DS MdBJ NNC

c) Forestry

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut lesa. Trudy [Academy of Sciences of the Georgian S.S.R. Forestry Institute. Transactions]
(DA)
Akademiia nauk SSSR. Institut lesa. Trudy [Academy of Sciences of the U.S.S.R. Forestry Institute. Transactions]
DA MdBJ NN NNC WaU
Akademiia nauk URSR, Kiev. Instytut lisivnytstva. Pratsi [Academy of Sciences of the Ukrainian S.S.R. Institute of Forestry. Transactions]. In Ukrainian.
(DA)
Akademiia nauk BSSR, Minsk. Instytut lesa. Sbornik nauchnykh rabot po lesnomu khoziaistvu [Academy of Sciences of the White Russian S.S.R. Forestry Institute. Collected Works on Forestry]
CU
Lesnaia promyshlennost' [Forest Industries]
DA DS MH NN NNC NNIS
WaU
Lesnoe khoziaistvo [Forestry]
CU DA DS NN NNC
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut agrolesomelioratsii. Opyty i issledovaniia [All-Union Scientific Research Institute of Land Improvement Through Afforestation. Experiments and Investigations]
Vsesoiuznoe nauchnoe inzhenerno-tekhnicheskoe obshchestvo lesnoi promyshlennosti i lesnogo khoziaistva. Ukrainskoe respublikanskoe otdelenie. Sbornik [All-Union Scientific Engineering-Technological Society of Forest Industries and Forestry. Ukrainian Republic Branch. Collected Papers]

d) Plant culture

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut zemledeliia. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Agriculture. Transactions]
(DA)
Akademiia nauk URSR, Kiev. Instytut fiziologii roslyn ta agrokhimii. Nauchnye trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Plant Physiology and Agrochemistry. Scientific Papers]
(DA) (NIC) (NIC-A)
Kartofel' [Potatoes]
Khlopkovodstvo [Cotton Growing]
CU DA NN NNIS
Koloradskii zhuk i mery bor'by s nim [The Colorado Beetle and Measures for Its Control]
NNM
Kukuruza [Corn]
(DA)
Len i konoplia [Flax and Hemp]
DA
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki. Soobshcheniia i referaty [All-Union Scientific Research Institute of Grain Products. Reports and Abstracts]
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki. Trudy [All-Union Scientific Research Institute of Grain and Grain Products. Transactions]
Sad i ogorod [Horticulture]
CLU DA MH NNES
Sadovodstvo, vinogradarstvo i vinodelie Moldavii [Fruit Culture, Viticulture, and Wine-Making in Moldavia]
(DA)
Sakharnaia svekla [Sugar Beets]
(DA)
Selektsiia i semenovodstvo [Plant Breeding and Seed Production]
Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Kartofel' i ovoshchi [Sel'so; Exchange of Experience in Agriculture. Series on the Potato and Vegetables]
(DA)
Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Tekhnicheskie i maslichnye kul'tury [Sel'so; Exchange of Experience in Agriculture. Series on Technical and Oilseed Crops]
(DA)
Sel'so; obmen opytom v sel'skom khoziaistve. Seriia Zernovye i kormovye kul'tury [Sel'so; Exchange of Experience in Agriculture. Series on Grain and Forage Crops]
(DA)
Tabak [Tobacco]
NNIS
Trudy po prikladnoi botanike, genetike i selektsii [Transactions on Applied Botany, Genetics, and Plant Breeding]
Udobrenie i urozhai [Fertilizers and Crops]
DA
Vinodelie i vinogradarstvo SSSR [Viticulture and Wine Making in the U.S.S.R.]
DA MoKL NNIS
Zashchita rastenii ot vreditelei i boleznei [Protecting Plants Against Diseases and Pests]
(DA)
Zemledelie [Agriculture]
CU DA ICU IaU MH MdBJ
MoKL NN NNC

## 16 TECHNOLOGY

a) General

Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences]
CLSU CLU CU CtY ICU MH
MoKL NIC NN NNC NNIS OCoB
PSt RPB WaU
Akademiia nauk URSR, Kiev. Komissiia z istorii tekhniky. Narysy z istorii tekhniky [Academy of Sciences of the Ukrainian S.S.R. Commission on the History of Technology. Outline of the History of Technology]
Baku. Azerbaidzhanskii industrial'nyi institut. Trudy [Azerbaijan Industrial Institute. Transactions]
Biulleten' izobretenii [Bulletin on Inventions]
Erivan. Politekhnicheskii institut. Sbornik nauchnykh trudov [Polytechnic Institute. Collected Scientific Works]
Informatsionnyi ukazatel' standartov [Information Index of Standards]
Izmeritel'naia tekhnika [Measurement Techniques]
Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
Lvov. Politekhnicheskii institut. Nauchnye zapiski [Polytechnical Institute. Scientific Records]
Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. (Trudy) [Moscow Technical College. Transactions)]
CU
Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika [All-Union Institute of Scientific and Technical Information. Express Information. Series: Computer Engineering]
Moscow. Vsesoiuznyi proektno-tekhnologicheskii institut. Informatsionno-tekhnicheskii sbornik [All-Union Technological Planning Institute. Technical Information Miscellany]
Moscow. Vsesoiuznyi proektno-tekhnologicheskii institut. Obmen tekhnicheskim opytom [All-Union Technological Planning Institute. Exchange of Technological Experience]
Novocherkassk. Politekhnicheskii institut. Nauchnye trudy [Politechnic Institute. Studies]
Ozdorovlenie uslovii truda na zavode [Improving Working Conditions in Plants]
Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
NN
Ratisbon. Ukraina'kyi tekhnichno-hospodars'kyi instytut. Naukovyi biuleten' [Ukrainian Technical Institute. Scientific Reports]
Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. Gosudarstvennyi obshchesoiuznyi standart [All-Union Committee of Standards. State All-Union Standard]
Standartizatsiia [Standardization]
Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy (Sbornik statei) [Ural Polytechnic Institute. Transactions (Collected Papers)]

Tekhnika - molodezhi [Technology for Youth]
MH NNIS
Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
CLU CU ICU IU InU MH
MoKL NN NNC NNIS NRU NcD
OCoB OU PSt RPB

b) Aeronautics

Akademiia nauk SSSR. Laboratoriia aerometodov. Trudy [Academy of Sciences of the U. S. S. R. Laboratory of Aerial Methods. Transactions]
NNC
Grazhdanskaia aviatsiia [Civil Aviation]
DS NNIS
Kryl'ia rodiny [Wings of the Motherland]
NN NNIS
Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions]
Voprosy raketnoi tekhniki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]

c) Chemical technology

Akademiia nauk SSSR. Institut biokhimii. Biokhimiia chainogo proizvodstva [Academy of Sciences of the U. S. S. R. Institute of Biochemistry. Biochemistry of Tea Production]
Akademiia nauk URSR, Kiev. Instytut vykorystannia gazu. Trudy [Academy of Sciences of the Ukrainian S. S. R. Institute of Gas Utilization. Transactions]
Gazovaia promyshlennost' [Gas Industry]
Gidroliznaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry]
DA
Khimicheskaia promyshlennost' [Chemical Industries]
DLC InLP MH NN
Khimiia i khimicheskaia tekhnologiia; perevody iz inostrannoi periodicheskoi literatury [Chemistry and Chemical Technology; Translations from Foreign Periodical Literature]
Khimiia i tekhnologiia topliva [Chemistry and the Technology of Fuel]
NN
Kholodil'naia tekhnika [Refrigeration Engineering]
CLU MH NN
Koks i khimiia [Coke and Chemistry]
MH
Leningrad. Leningradskii institut kinoinzhenerov. Trudy [Leningrad Institute of Motion-Picture Engineers. Transactions]
Masloboino-zhirovaia promyshlennost' [Oils and Fats Industry]
DA DS NNIS
Moscow. Khimiko-tekhnologicheskii institut. Trudy [Institute of Chemical Technology. Transactions]
Moscow. Nauchnyi institut po udobreniiam i insektofun- : Institute of Fertilizers sactions)]
itut pishchevoi promysh- al Institute of the Food
nstitut
i. Re-
actions]
(CU) (DA)
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut pivovarennoi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Brewing Industry. Transactions]
DA
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut spirtovoi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Distilling Industry. Transactions]
Sakharnaia promyshlennost' [Sugar Industry]
CU DA DS MH MdBJ NN
NNIS
Spirtovaia promyshlennost' [Distilling Industry]
Steklo i keramika [Glass and Ceramics]
CLU DS MH MoKL NN NNIS
OCoB
Uspekhi nauchnoi fotografii [Progress in Scientific Photography]
MH
Vsesoiuznyi nauchno-issledovatel'skii institut po pererabotke nefti i gaza i polucheniiu iskusstvennogo zhidkogo topliva. Trudy [All-Union Institute of Scientific Research on Petroleum and Gas Refining and Production of Artificial Liquid Fuel. Transactions]

Vsesoiuznyi nauchno-issledovatel'skii institut stekla. Trudy [All-Union Scientific Research Institute of Glass. Transactions]
Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]
MH
Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
CLSU CLU CSt CU CtY DA
ICJ ICU IU InU MnU MoKL
NN NNIS NcD OCoB PPT RPB
WaU

d) Civil & construction engineering

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut stroitel'nogo dela. Trudy [Academy of Sciences of the Georgian S. S. R. Institute of Construction. Transactions]
Akademiia nauk Kirgizskoi SSR, Frunze. Institut vodnogo khoziaistva i energetiki. Trudy [Academy of Sciences of the Kirghiz S. S. R. Institute of Water Resources and Electric Power. Transactions]
Akademiia nauk URSR, Kiev. Instytut budivel'noi mekhaniky. Sbornik trudov [Academy of Sciences of the Ukrainian S. S. R. Institute of Structural Mechanics. Collected Works]
MH NN NNC
Akademiia nauk URSR, Kiev. Instytut hidrologii i hidrotekhniky. Izvestiia [Academy of Sciences of the Ukrainian S. S. R. Institute of Hydrology and Hydraulic Engineering. Bulletin]
Avtomobil'nye dorogi [Highways]
Babushkin, Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions]
Beton i zhelezobeton [Concrete and Reinforced Concrete]
ICJ MH NNIS
Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]
Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
DA DS MH MdBJ MoKL NN
NNIS
Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
NNC NNIS
Khabarovsk. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik [Institute of Railroad Transportation Engineers. Collected Papers]
Mekhanizatsiia stroitel'stva [Mechanization of Construction]
CLU DS MH MdBJ NN NNIS
Moscow. Inzhenerno-stroitel'nyi institut. Sbornik trudov [Civil Engineering Institute. Collected Papers]
Moscow. Nauchno-issledovatel'skii institut osnovanii i fundamentov. Trudy (or Sbornik trudov) [Scientific Research Institute of Bedding and Foundations. Transactions]
Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennykh sooruzhenii. Nauchnoe soobshchenie [Central Scientific Research Institute of Industrial Construction. Scientific Reports]
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut stroitel'noi keramiki. Trudy [All-Union Scientific Research Institute of Construction Ceramics. Transactions]
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ...hzhenila, kanalizatsii, gidrotekhnicheskikh ... i inzhenernoi gidrogeologii. Gidravlicho- ...orlia. Trudy [All-Union Scientific Re... ite of Water Supply, Sewage Systems, ...ineering Structures, and Engineering
...Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo stroitel'stva i proektirovaniia. Trudy [All-Union Scientific Research Institute of Railroad Construction and Planning. Transactions]
Novaia tekhnika i peredovoi opyt v stroitel'stve [New Technology and Experience in Construction]
Novoe v stroitel'noi tekhnike [Innovations in Construction Methods]
Novosibirsk. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Ratsionalizatorskie i izobretatel'skie predlozheniia v stroitel'stve [Proposed Efficiency Measures and Inventions in Construction Works]
Sbornik materialov o novoi tekhnike i peredovom opyte v stroitel'stve [Collection of Materials on New Technology and Experience in Construction]
Sel'skii stroitel' [Rural Builder]
DS
Sil's'ke budivnytstvo [Rural Construction]. In Ukrainian.
Stroitel' [The Builder]
NNIS
Stroitel'naia promyshlennost' [Building Industry]
DS
Stroitel'nye materialy, izdeliia i konstruktsii [Building Materials, Products, and Designs]
MH NNIS

Tashkent. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik nauchnykh trudov [Institute of Railroad Transportation Engineers. Collection of Scientific Works]
Tiflis. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Transportnoe stroitel'stvo [Construction for the Transportation]
MH NNIS
TSement [Cement]
CtY MH NN
Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
NNIS
Voprosy fil'tratsionnykh raschetov gidrotekhnicheskikh sooruzhenii [Problems of Seepage Calculations for Hydraulic Engineering Structures]
Voprosy gidrotekhniki [Problems of Hydraulic Engineering]
Vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhnicheskikh i sanitarno-tekhnicheskikh rabot. Sbornik trudov [All-Union Scientific Research Institute of Hydraulic and Sanitary Engineering. Collected Papers]
Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
DS MdBJ NNC NNIS

e) Electrical engineering

Akademiia nauk SSSR. Laboratoriia po razrabotke nauchnykh problem provodnoi sviazi. Sbornik nauchnykh rabot po provodnoi sviazi [Academy of Sciences of the U. S. S. R. Research and Development Laboratory of Wire Communication. Collection of Scientific Works in Wire Communication]
Akademiia nauk URSR, Kiev. Instytut elektrotekhniky. Sbornik trudov [Academy of Sciences of the Ukrainian S. S. R. Institute of Electrical Engineering. Collected Works]
NN
Akademiia nauk Uzbekskoi SSR, Tashkent. Institut energetiki. Trudy [Academy of Sciences of the Uzbek S. S. R. Institute of Electric Power. Transactions]
Akademiia navuk BSSR, Minsk. Instytut energetyki. Trudy [Academy of Sciences of the White Russian S. S. R. Power Institute. Transactions]
CU
Atomnaia energiia [Atomic Energy]
CU MoKL NIC NNIS NjP
Avtomatika i telomekhanika [Automatics and Telemechanics]
CU DBS IU MH NN NNIS
RPB
Avtomatyka [Automatic Control]. In Ukrainian.
Elektricheskie stantsii [Electric Power Stations]
CLU CtY DS IU MH MdBJ
NN
Elektrichestvo [Electricity]
CU CtY DA DS IU MH
MdBJ MoKL NN NNIS OCoB RPB
Elektrosviaz' [Telecommunication]
Energeticheskii biulleten' [Power Bulletin]
CLU CtY DS IU MdBJ NN
Energetik [Electric Power Technician]
DS MdBJ
Leningrad. Elektrotekhnicheskii institut inzhenerov zheleznodorozhnogo transporta. Sbornik nauchnykh trudov [Electrotechnical Institute of Railroad Transportation Engineers. Collected Scientific Works]
Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Electric Equipment Industry]
Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Radio Equipment Industry]
Promyshlennaia energetika [Industrial Power]
Radio [Radio]
CLU DS MH MdBJ NN NNBell
Radiotekhnika [Radio Engineering]
NN RPB
Radiotekhnika i elektronika [Radio Engineering and Electronics]
MH NNBell RPB
Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts: Electrical Engineering]
MCM NNBell
Svetotekhnika [Illuminating Engineering]
Vestnik elektropromyshlennosti [Review of the Electrical Industry]
IU PPIGI
Vestnik sviazi [Communications Review]
DS NN
Voprosy radiolokatsionnoi tekhniki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Radar Engineering; Translations and Surveys of Foreign Periodical Literature]

f) Industries & trades

Avtomaticheskaia svarka [Automatic Welding]
RPB
Bumazhnaia promyshlennost' [Paper Industry]
CLU DA DS MdBJ MoKL NN NNC NNIS
Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
NN
Legkaia promyshlennost' [Light Industry]
CU DS MoKL NN NNC NNIS OCoB
Miasnaia industriia SSSR [Meat Industry of the U. S. S. R.]
DA DS MH MdBJ NN NNIS
Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
Proizvodstvennyi opyt v oblasti svarki [Production Practice in the Field of Welding]
Promyslovaia kooperatsiia [Producers' Cooperation]
MH NNIS
Svarochnoe proizvodstvo [Welding Practice]
Tekstil'naia promyshlennost' [Textile Industry]
CLU DA DS IU MH MdBJ MoKL NN
Vsesoiuznyi nauchno-issledovatel'skii institut miasnoi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Meat Industry. Transactions]
Zhurnal mod [Fashion Magazine]

g) Mechanical engineering

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia energeticheskaia [Academy of Sciences of the Kazakh S. S. R. Bulletin. Power Series]
Akademiia nauk SSSR. Energeticheskii institut. Komissiia po gazostiiovym ustanovkam. Biulleten' [Academy of Sciences of the U. S. S. R. Institute of Power Engineering. Commission on Gas Power Installations. Bulletin]
Akademiia nauk SSSR. Institut mashinovedeniia. Trenie i iznos v mashinakh [Academy of Sciences of the U. S. S. R. Institute of Mechanical Engineering. Friction and Wear in Machines]
NNC
Akademiia nauk SSSR. Institut mekhaniki. Inzhenernyi sbornik [Academy of Sciences of the U. S. S. R. Institute of Mechanics. Engineering Review]
NNC
Akademiia nauk SSSR. Laboratoriia dvigatelei. Trudy [Academy of Sciences of the U. S. S. R. Laboratory of Engines. Transactions]
Akademiia nauk SSSR. Seminar po teorii mashin i mekhanizmov. Trudy [Academy of Sciences of the U. S. S. R. Seminar on the Theory of Machines and Mechanisms. Transactions]
NNC RPB
Akademiia nauk URSR, Kiev. Instytut energetyky. Sbornik trudov [Academy of Sciences of the Ukrainian S. S. R. Institute of Power Engineering. Collected Works]
Akademiia nauk URSR, Kiev. Instytut mashynoznavstva i avtomatyky. Naukhye zapiski. Seriia avtomatiki i izmeritel'noi tekhniki [Academy of Sciences of the Ukrainian S. S. R. Institute of Machinery and Automatics. Scientific Records. Series in Automatics and Measurement Techniques]
Akademiia nauk URSR, Kiev. Instytut mashynoznavstva i avtomatyky. Naukhye zapiski. Seriia mashinovedeniia [Academy of Sciences of the Ukrainian S. S. R. Institute of Machinery and Automatics. Scientific Records. Series in Mechanical Engineering]
Akademiia nauk URSR, Kiev. Instytut mashynoznavstva i sil'skokhospodars'koi mekhaniki. Naukhnye trudy [Academy of Sciences of the Ukrainian S. S. R. Institute of Machinery and Agricultural Mechanics. Scientific Works]
NNC
Akademiia nauk URSR, Kiev. Instytut teploenergetyky. Trudy [Academy of Sciences of the Ukrainian S. S. R. Institute of Heat-Power Engineering. Transactions]
Akademiia nauk URSR, Kiev. Laboratoriia problem shvydkisnykh mashyn i mekhanizmiv. Sbornik trudov [Academy of Sciences of the Ukrainian S. S. R. Laboratory of High-Speed Machinery and Mechanisms. Collected Works]
Avtomobil'naia i traktornaia promyshlennost' [Automobile and Tractor Industry]
DA DS IU NNC NNIS
Avtomobil'nyi transport [Automotive Transportation]
NNIS
Chasovye mekhanizmy [Watch and Clock Mechanisms]
Energomashinostroenie [Power Machinery Construction]
MoKL NNIS
Kharkov. Instytut inzheneriv zaliznychnoho transportu. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Leningrad. TSentral'nyi nauchno-issledovatel'skii kotloturbinnyi institut. (Trudy) [Central Scientific Research Institute of Boilers and Turbines. (Transactions)]
NNC
Mashinostroenie; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Machine Building; Translations and Surveys of Foreign Periodical Literature]
Mekhanika; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Mechanics; Translations and Surveys of Foreign Periodical Literature]
Mekhanizatsiia trudoemkikh i tiazhelykh rabot [Mechanization of Time-Consuming and Heavy Work]
DS IU MdBJ NN NNIS
Moscow. Akademiia zheleznodorozhnogo transporta. Sbornik trudov [Academy of Railroad Transportation. Collected Works]
Moscow. Automekhanicheskii institut. Nauchnye trudy [Automotive Engineering Institute. Scientific Papers]
Moscow. Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotornyi institut. (Trudy) [State Scientific Research Institute of Automotive Engineering. (Transactions)]
Moscow. Gosudarstvennyi soiuznyi nauchno-issledovatel'skii traktornyi institut. (Trudy) [State All-Union Scientific Research Tractor Institute. (Transactions)]
Moscow. Inzhenerno-fizicheskii institut. Sbornik nauchnykh rabot [Institute of Physics and Engineering. Collected Scientific Works]
Moscow. Moskovskii energeticheskii institut. Trudy [Moscow Power Engineering Institute. Transactions]
Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Moscow. Transportno-ekonomicheskii institut. Trudy [Institute of Transportation Economics. Transactions]
Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. Nauchno-tekhnicheskaia informatsiia [Central Scientific Research Institute of Technology and Machine Building. Scientific-Technical Information]
Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. (Trudy) [Central Scientific Research Institute of Technology and Machine Building. (Transactions)]
MH NN
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
DS NN NNC
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
MH
Priborostroenie [Instrument Manufacture]
Prykladna mekhanika [Applied Mechanics]. In Ukrainian.
CtY IU InIA MH MdBJ MiU MnU
Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machine Building]
MCM NNBell RPB
Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Engineers of Railroad Transportation. Transactions]
Sel'khozmashina [The Agricultural Machine]
DA NNIS
Stanki i instrument [Machine Tools and Instruments]
CLU CtY DS IU MdBJ NN NNIS OCoB
Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building]
Tekhnika zheleznykh dorog [The Technology of Railroads]
Teploenergetika [Heat Engineering]
MoKL NN
Vestnik mashinostroeniia [Machine-Building Review]
DA IU MoKL NN NNC NNIS RPB
Vsesoiuznyi nauchno-issledovatel'skii institut gidromashinostroeniia. Trudy [All-Union Scientific Research Institute of Hydraulic Machinery Construction. Transactions]
Zheleznodorozhnyi transport [Railroad Transportation]
NNIS

h) Mining & metallurgy

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia gornogo dela [Academy of Sciences of the Kazakh S. S. R. Bulletin. Mining Series]
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia gornogo dela, metallurgii i stroimaterialov [Academy of Sciences of the Kazakh S. S. R. Bulletin. Series on Mining, Metallurgy, and Building Materials]
Akademiia nauk SSSR. Institut goriuchikh iskopaemykh. Trudy [Academy of Sciences of the U. S. S. R. Institute of Mineral Fuels. Transactions]
CU
Akademiia nauk SSSR. Institut gornogo dela. Trudy [Academy of Sciences of the U. S. S. R. Institute of Mining. Transactions]
NN
Akademiia nauk SSSR. Institut nefti. Trudy [Academy of Sciences of the U. S. S. R. Petroleum Institute. Transactions]
NNC
Akademiia nauk SSSR. Laboratoriia geologii uglia. Trudy [Academy of Sciences of the U. S. S. R. Laboratory of the Geology of Coal. Transactions]
WU
Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut fiziki metallov. Trudy [Academy of Sciences of the U. S. S. R. Ural Branch. Institute of the Physics of Metals. Transactions]
Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut khimii i metallurgii. Trudy [Academy of Sciences of the U. S. S. R. Ural Branch. Institute of Chemistry and Metallurgy. Transactions]
Akademiia nauk URSR, Kiev. Instytut chornoi metalurgii. Trudy [Academy of Sciences of the Ukrainian S. S. R. Institute of Ferrous Metallurgy. Transactions]
Akademiia nauk URSR, Kiev. Instytut hirnychoi spravy. Sbornik trudov [Academy of Sciences of the Ukrainian S. S. R. Institute of Mining. Collected Works]
Akademiia nauk URSR, Kiev. Laboratoriia metallofizyky. Sbornik nauchnykh rabot [Academy of Sciences of the Ukrainian S. S. R. Laboratory of Physical Metallurgy. Collection of Scientific Works]
Akademiia navuk BSSR, Minsk. Instytut torfa. Trudy [Academy of Sciences of the White Russian S. S. R. Peat Institute. Transactions]
NN
Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]
Baku. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut morskoi nefti. Trudy [State Scientific Research and Planning Institute for Offshore Oil. Transactions]
Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
CaOON ICJ MH MoKL NNIS RPB
Geokhimicheskie metody poiskov nefti i gaza [Geochemical Methods of Prospecting for Petroleum and Gas]
Gornyi zhurnal [Mining Journal]
NNIS
Issledovanie splavov tsvetnykh metallov [Studies on Alloys of Nonferrous Metals]
Leningrad. Gornyi institut. Zapiski [Institute of Mining. Records]
Leningrad. Vsesoiuznyi nauchno-issledovatel'skii markscheiderskii institut. (Trudy) [All-Union Mine Surveying Scientific Research Institute. (Transactions)]
Liteinoe proizvodstvo [Foundry Practice]
DS IU NN NNIS
Master uglia [Master of Coal]
MdBJ NN NNIS
Metallovedenie i obrabotka metallov [Metals and Treatment of Metals]
CaOON ICJ MH NNIS
Metallurg [Metallurgist]
DS InLP MH NNBell
Mineral'nye resursy zarubezhnykh stran [Mineral Resources of Foreign Countries]
Moscow. Institut stali. Sbornik [Steel Institute. Collected Papers]
Moscow. Moskovskii neftianoi institut. Trudy [Moscow Petroleum Institute. Transactions]
CU
Moscow. TSentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii. Institut stali. Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy. Steel Institute. Collected Papers]
Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Gornoe delo [All-Union Institute of Scientific and Technical Information. Express Information. Series: Mining Industry]
Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Neftianaia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Petroleum Industry]
Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi neftianoi institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. Rukovodiashchie materialy [All-Union Scientific Research Institute of Autogenous Working of Metals. Instructions]

Problemy sovremennoi metallurgii; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Contemporary Metallurgy; Translations and Surveys of Foreign Periodical Literature]
Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
NNIS
Razvedochnaia i promyslovaia geofizika [Prospecting and Industrial Geophysics]
Referativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy]
InLP MCM RPB
Russia (1923- U.S.S.R.) Gosudarstvennoe nauchno-tekhnicheskoe izdatel'stvo Metallurgizdat. Blank dlia zakazov na izdaniia Metallurgizdata, imeiushchiesia v nalichii [Order Blank for Publications of the Metallurgical Literature Publishing House in Print]
Stal' [Steel]
NNIS PPiCI
Staleplavil'noe proizvodstvo [Steel Smelting]
Stalinsk. Sibirskii metallurgicheskii institut. Trudy [Siberian Metallurgical Institute. Transactions]
Stroitel'stvo predpriiatii neftianoi promyshlennosti [Construction of Petroleum Industry Enterprises]
CU
Torfianaia promyshlennost' [Peat Industry]
DA MH MdBJ MoKL NN OCoB
TSvetnye metally [Nonferrous Metals]
Ugol' [Coal]
CtY DS NN NNC NNIS OCoB

Voprosy poroshkovoi metallurgii i prochnosti materialov [Problems in Powder Metallurgy and Strength of Materials]
Voprosy proizvodstva stali [Problems of Steel Production]
Zavodskaia laboratoriia [The Factory Laboratory]
CLU NNIS TxU

## 17. MILITARY & NAVAL SCIENCES

### a) Military science

Bloknot agitatora Sovetskoi Armii [The Soviet Army Agitator's Notebook]
Bratstvo kolyshnykh voinkiv Pershoi Ukrains'koi Dyvizii Ukrains'koi Narodnoi Armii. Visti [Brotherhood of Former Soldiers of the First Ukrainian Division of the Ukrainian National Army. News]. In Ukrainian.
Do zbroi [To Arms]. In Ukrainian.
Nashi vesti [Our News]
NN
Pereklichka [Roll Call]
NN
Propagandist i agitator [Propagandist and Agitator]
Sovetskii voin [Soviet Soldier]
Vestnik Vozduzhnogo Flota [Review of the Air Force]
Voennye znaniia [Military Knowledge]
NNIS
Voennyi vestnik [Military Review]

### b) Naval science

Association of Russian Imperial Naval Officers in America, New York. [Bulletin] Obshchestvo Ofitserov Rossiiskago Imperatorskago Flota v Amerike. Biulleten'
DS NN
Bloknot agitatora vodnogo transporta [The Water Transportation Agitator's Notebook]
Leningrad. TSentral'nyi nauchno-issledovatel'skii institut rechnogo flota. Trudy [Central Scientific Research Institute of the River Fleet. Transactions]
Morskiia zapiski [The Naval Records]
CLU CtY DS NN NNC
Morskoi flot [The Merchant Marine]
DS NN
Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. Trudy [Central Scientific Research Institute of the Economics and Operation of Water Transportation. Transactions]
Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' [All-Union Institute of Scientific and Technical Information. Express Information. Series: Shipbuilding Industry]
Rechnoi transport [Inland Water Transportation]
CtY DS MH NGrnUN NN NNIS WaU
Sovetskii morlak [Soviet Sailor]
Sudostroenie [Shipbuilding]
Vsesoiuznoe nauchnoe inzhenerno-tekhnicheskoe obshchestvo sudostroeniia. Trudy [All-Union Scientific and Technological Society of Shipbuilding. Transactions]

ned reflex changes in the adrenocorticotropic
n of the pituitary. N. V. Mikhaltseva. Probl.
i gorm. 2 no. 5:9-12 S-O '56.
:etic action of ACTH in latent insufficiency of the
apparatus. N. S. Veller, P. M. Charnaia.
endok. i gorm. 2 no. 5:44-49 S-O '56.
: ACTH and cortisone on conditioned reflex in-
of blood pressure in dogs. N. A. Isichenko.
endok. i gorm. 2 no. 5:19-24 S-O '56.
: ACTH of cortisone on serous membranes of
its and on their neural apparatus in experimental
c arthritis. E. V. Strogunova. Probl. endok. i
2 no. 5:32-43 S-O '56.
: cortisone and ACTH on structure of the islands
ferhans. A. E. Raikina. Probl. endok. i gorm.
:25-31 S-O '56.
i of the adrenal cortex to ACTH in Itsenko-
g disease. A. A. Zakharycheva, M. A. Samo-
va. Probl. endok. i gorm. 2 no. 6:100-103 S-O

ACTH and cortisone in the compensation of
ors of certain phases of metabolism. S. M.
. Arkh. pat. 18 no. 6:45-52 '56.

i, N. M. [Methods of teaching computation by
s in class 5] Metodika obucheniia vychisleniiu
otakh v 5 klasse. Leningrad, Gos. uchebno-
og. izd-vo Ministerstva prosveshchenila RSFSR,
gradskoe otd-nie, 1956. 80 p.

', DMITRII NIKOLAEVICH, 1829-1880
ashev's works on the theory of solutions. A. IA.
. Trudy Inst. ist. est. i tekh. 12:56-72 '56.

N—ABSCESS
irogmatic abscess. V. M. Belogorodskii. Vest.
77 no. 10:60-67 O '56.

N—DISEASES
bility of the peritoneum in peritonitis and chronic
es of the abdominal viscera. V. S. Danilova.
hir. 77 no. 10:80-83 O '56.

N—SURGERY
rative meteorism. N. A. Batyrev. Vest. khir.
10:84-87 O '56.

N—WOUNDS AND INJURIES
' injuries of organs of the pelvis and of the
ien. V. V. Bundikov. Urologiia 21 no. 3:59-60
'56.
lences of Soviet Medicine during the Great
otic War of 1941-1945," vol. 13, Pt. 1: "Surgery,"
n 0. Reviewed by A. P. TSulukidze. Urologiia
. 3:80-83 Jl-S '56.

ALITIES (ANIMALS)
case of abnormality in a cow. V. Klimenko,
rovskii. Veterinariia 33 no. 12:52 D '56.

)N
i of the bladder in connection with interruption of
ancy. M. B. Pinstunov. Urologiia 21 no. 1:26-29
'56.

f abscesses following administration of
otics. L. L. Gol'zand. Fel'd. i akush. 21 no. 10:
O '56.
il tactics in the treatment of suppurative diseases
lungs. T. A. Alieva. Khirurgiia. 32 no. 3:10-21
'56.

TION IN SOILS see Soil absorption

TION OF LIGHT
tion and dispersion of light in stilbene crystals
om and at low temperatures. M. S. Brodin. Opt.
kris. 1 no. 7:870-880 N '56.
tion of light in molecular crystals containing
ne molecules in the primitive cells. A. F. Lub-
o. Opt. i spektr. 1 no. 7:867-875 N '56.
ining the plane of symmetry for absorbing matter
Galaxy using interstellar absorption observations.
Terondzhadze, T. A. Kuchiashvili, Biul. Abast.
fizobser. no. 20:41-43 '56.

Light absorption by polarons and by color centers. M. F. Deigen. Nauk. zap. Kiev. un. 9 no. 2:31-39 '50.

ABSORPTION SPECTRA
Absorption spectra and Raman effect in phenanthrene and toluene crystals. A. F. Lubchenko. Dop. AN URSR no. 4:336-340 '56.
Using the method of infrared absorption spectra in studies on the geochemistry of oils. E. A. Glebovskaia. Trudy VNIGRI no. 95:441-480 '56.

ABSTRACT ALGEBRA see Algebra, Abstract

ABSTRACT WRITING see Precis writing

ACADEMIC DEGREES see Degrees, Academic

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMY OF SCIENCES OF THE TAJIK S. S. R.
Address of the Presidium of the Academy of Sciences of the Tajik S. S. R. Trudy AN Tadzh. SSR 21:10-11 '54.

ACADEMY OF SCIENCES OF THE TURKMEN S. S. R.
Session of the Academy of Sciences of the Turkmen S. S. R. Izv. AN Turk. SSR no. 4:93-94 '56.

ACADEMY OF SCIENCES OF THE U. S. S. R.
Appointments and transfers. Vest. AN SSSR 26 no. 11: 106 N '56.
General meeting of the Academy of Sciences of the U. S. S. R. of October 13, 1956; election of the President of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 26 no. 11:3-9 N '56.
Measures for improvement in training and attestation of scientific personnel. Vest. AN SSSR 26 no. 11:103-104 N '56.
Preparing a draft of the Academy statutes. Vest. AN SSSR 26 no. 11:105 N '56.

ACCELERATORS, ELECTRON see Particle accelerators

ACCEPTANCES
Control over refusal to accept. T. Khankhodzhaev. Den. i kred. 14 no. 11:36-38 N '56.

ACCLIMATIZATION
Acclimatization of fish. V. A. Movchan. Mich. uch. na sluzh. nar. no. 3:209-219 '55.

ACCORDION
[Efficient workers in an accordion factory; work practice of the Sovetskaia Armiia Accordion Factory in Moscow] Ratsionalizatory baiannoi fabriki im. Sovetskoi Armii. Moskva, Gos. izd-vo mestnoi promysh. RSFSR, 1955. 34 p. (Novatory mestnoi promyshlennosti)

ACCOUNTING
Conference on problems in the further improvement and simplification of accounting. Bukhg. uchet. 15 no. 11: 52-58 N '56.
Economic importance and methods of the revaluation of fixed assets. P. Bunich. Fin. SSSR 17 no. 11:16-23 N '56.
Improve the organization of the supply of materials and equipment. G. Gavrilov. Bukhg. uchet. 15 no. 11:33-34 N '56.
Methods of production accounting with and without a semi-finished product basis. Bukhg. uchet. 15 no. 11:40-47 N '56.
Put an end to lack of the personal responsibility and determine duties more exactly. M. Bogdanov. Raspr. podh. no. 10:16 O '56.
Russia (1923- U. S. S. R.) Ministerstvo finansov. [Model accounting plan for the principal activities of supply and marketing organizations and instructions for its use] Tipovoi plan schetov bukhgalterskogo ucheta osnovnoi deiatel'nosti snabzhencheskikh i sbytovykh organizatsii i instruktsiia po ego primeneniiu. Moskva, Gosstatizdat, 1956. 119 p.
Simplified accounts plan for industrial enterprises and instructions for its use. I. Rashchenko, I. Chentsov. Bukhg. uchet. 15 no. 11:48-61 N '56.

ACCOUNTING—MACHINE METHODS see Machine accounting

ACETIC ACID
Physicochemical analysis of systems: anisole - monochloroacetic acid and anisole - trichloroacetic acid. R. P. Airapetova, M. K. Turapov. Trudy SAGU no. 48: 17-21 '53.

ACETIC ANHYDRIDE
Condensation of aldehydes with acetic anhydride in the presence of a boron acetate. V. K. Kuskov. Dokl. AN SSSR 110 no. 2:223-225 S '56.

ACETYLENE
Hydration of acetylene. I. L. Kotliarevskii. Trudy Vost.-Sib. fil. AN SSSR no. 4:[illegible]-66 '56.
Hydrogenation of acetylene compounds. I. L. Kotliarevskii. Trudy Vost. -Sib. fil. AN SSSR no. 4:67-80 '56.

ACIDS
Oxyacids in primary products of photosynthesis. E. A. Boichenko, N. I. Zakharova. Biokhimiia 21 no. 5:623-636 S-O '56.

ACIDS—EFFECT ON PLANTS see Plants, Effect of acids on

ACIDS, FATTY
Influence of the solvent on the kinetics of the reactions of some fatty acids with sodium. T. A. Miskinova, G. A. Raitsyn. Dokl. AN SSSR 110 no. 2:238-240 S '56.
Possibilities for utilizing fatty acids of sperm whale blubber. L. P. Rezzubov. Masl. -zhir. prom. 22 no. 7:25-27 '56.

ACIDS, INORGANIC
Analysis of mineral acid mixtures by the electrometric noncompensation method. S. K. Chirkov. Zav. lab. 22 no. 9:1041-1044 '56.

ACIDS, ORGANIC
Formation of organic acids in the seeds of leguminous plants during germination. S. V. Soldatenkov, T. A. Mazurova. Biokhimiia 21 no. 5:573-576 S-O '56.

ACOUSTICS see Architectural acoustics; Sound

ACROBATS AND ACROBATISM see subdivision under Rostov-on-Don

ACRYLIC ACID
Kinetics of polymerization of acrylic acid and nitryl of metacrylic acid in water solution in the presence of cumene hydroperoxide. T. M. Gritsenko, S. S. Medvedev. Dokl. AN SSSR 110 no. 2:235-237 S '56.
Research in the stereochemistry of cyclic compounds. Part 14. Condensation of 1-$\alpha$-acetoxyvinyl-$\Delta^3$-cyclohexene with methyl acrylate. I. N. Nazarov, V. F. Kucherov, G. M. Segal'. Izv. AN SSSR, Otd. khim. nauk no. 10:1216-1220 O '56.

ACRYLONITRILE
Polyacrylonitrile fiber "nitron." E. S. Roskin. Tekst. prom. 16 no. 11:10-19 N '56.

ACTING
Advice of a stage-director S. Barkan. Sots. kul't. 9 no. 10:40 N '56.

ACTING—STUDY AND TEACHING
For creativeness and against scholasticism. Teatr 17 no. 11:32-43 N '56.

ACTINOMYCETES
Growth and development of actinomycetes producing streptomycin, biomycin, and terramycin under the conditions of submerged biosynthesis of the antibiotic. A. A. Prokof'eva-Bel'govskaia, N. V. Orlova. Izv. AN SSSR. Ser. biol. no. 5:59-66 S-O '56.

ACTINOMYCOSIS
Diagnosis and clinical aspects of urogenital actinomycosis. V. A. Mokhort, I. S. Rubinshtein. Urologiia 21 no. 2: 39-44 Ap-Je '56.

ACTIVATED CARBON see Carbon, Activated

ACTOMYOSINS
Incorporation of methionine into actomyosin and muscle tissue in chronic lead poisoning [with summary in English]. E. D. Grishchenko, V. V. Nikitenko. Vop. med. khim. 2 no. 5:328-337 S-O '56.

ACTORS
(see also subdivision under Moscow)
"Portion of tar." Teatr 17 no.11:130-131 N '56.
We add our congratulations. Teatr. 17 no.11:181 N '56.

ACTORS, UKRAINIAN
Kysel'ov, Iosyp. [Portraits from the theater; sketches of masters of the Ukrainian stage] Teatral'ni portrety; narysy pro maistriv ukrains'koi radians'koi stseny. Kyiv, Mystetstvo, 1955. 335 p.
Young actors on parade. Mystetstvo no.5:35-36 S-O '56.

ADAMOVKA DISTRICT—STATE FARMS
The Orenburg steppe. IA. Sukhorukov. Ukraina no.21:8-9 N '56.

ADAPTATION (BIOLOGY)
Adaptability of animal organisms to environment and the limits of life. L. K. Lozina-Lozinskii. Trudy Sekt. astrobot. AN Kazakh. SSR 3:21-31 '55.

ADDRESSES see Lectures and lecturing

ADENOSINETRIPHOSPHORIC ACID
Adenosine triphosphate causes ciliary motion in the ciliate epithelium "killed" by glycerine extraction (a "cellular model"). V. IA. Aleksandrov, N. I. Arronet. Dokl. AN SSSR 110 no.3:457-460 S '56.

ADHESION
Investigation into the effect of chemical structure on adhesion [with English summary in insert]. N. A. Krotova, IU. M. Kirillova, B. V. Deriagin, Zhur. fiz. khim. 30 no.9:1921-1931 S '56.

ADMINISTRATIVE AND POLITICAL DIVISIONS see subdivision under Udmurt A. S. S. R.

ADO, ANDREI DMITRIEVICH, 1909-
Professor Andrei Dmitrievich Ado. A. I. Malinin, M. I. Undritsov. Arkh. pat. 18 no.6:139-140 '56.

ADOBE CONSTRUCTION see Building, Adobe

ADRENAL GLAND—CANCER
Case of primary cancer of the adrenal cortex. P. M. Zlochevskii, V. I. Levenson, L. S. Matveeva. Probl. endok. i gorm. 2 no.5:120-125 S-O '56.

ADRENAL GLANDS
Biosynthesis of adrenal cortex hormones in animals of various ages. N. A. IUdaev, K. V. Druzhinina. Probl. endok. i gorm. 2 no.5:3-8 S-O '56.
Comparative study of the biological action of cortin, cortisone, and desoxycorticosterone. A. L. Freidovich, M. P. Danilova. Probl. endok. i gorm. 2 no.5:50-53 S-O '56.
Effect of stimulation of the splanchnic nerve on the secretion of adrenal cortex hormones in dogs. IU. A. Pankov. Probl. endok. i gorm. 2 no.5:13-18 S-O '56.
Role of the pituitary and the adrenals in the pathogenesis of experimental toxic pulmonary edema. S. M. Leites, N. P. Smirnov. Probl. endok. i gorm. 2 no.5:54-56 S-O '56.
Value of the determination of 17-ketosteroids as an index of actual and potential reserves of the adrenal cortex. N. A. Il'ina, G. V. Ordynets. Probl. endok. i gorm. 2 no.5:95-99 S-O '56.

ADRENAL GLANDS—DISEASES
Data on the pathological anatomy of Itsenko-Cushing disease. L. D. Krymskii, A. P. Maisiuk. Probl. endok. i gorm. 2 no.5:110-119 S-O '56.

ADRIATIC SEA—DESCRIPTION AND TRAVEL
Sunny shores of the Adriatic Sea. Nikolai Drachinskii. Ogonek 34 no.46:16a-16d N '56.

ADSORPTION
Determining gaseous micromixtures on the surface of germanium layers. S. M. Fainshtein, V. I. Fistul'. Zhur. tekh. fiz. 26 no.10:2162-2164 O '56.
Study of the action of a buffer solution of a disubstituted sodium phosphate and orthophosphate acid on the adsorption film of oleic acid on zinc and aluminum. I. V. Belozerskii. Nauch. trudy MPI no.4:177-183 '56.

ADSORPTION, HEAT OF see Heat of adsorption

ADULT EDUCATION
Brief news on agitation work. Blok. agit. no.35:48-4 of cover D '56.
Discussion evenings on collective farms. S. Babaiants. Blok. agit. no.35:41-46 D '56.
Schools on Sunday in the first revolutionary situation, 1859-1861. G. I. Ionova. Ist. zap. no.57:177-209 '56.

ADULT EDUCATION—HISTORY
Revolutionary propaganda in Russian "Sunday schools," 1860-1862. R. A. Taubin. Vop. ist. no.8:80-90 Ag '56.

ADVERTISING
Our commercial advertising. M. Nikol'skii. Sov. torg. no.10:44-45 O '56.

ADVERTISING—MOTION PICTURES
The art of cinema posters. I. TSyrlin. Iak. kino no.10:70-77 O '56.

AEGIRITE see subdivision under Carpathian Mountain region; Krivoy Rog

AERODYNAMICS
Flow of particles in a free axially symmetric stream. S. V. Bukhman, A. P. Chernov. Izv. AN Kazakh. SSR. Ser. energ. no.10:114-116 '56.

AERONAUTICS
Russia (1923- U.S.S.R.) Glavnoe upravlenie grazhdanskogo vozdushnogo flota. [Calendar for 1954] Kalendar', Moskva, Redizdat [1953?] 136 p. [MICROFILM]

AERONAUTICS—RELIEF SERVICE
Sanitary helicopters. O. Khmil'chuk. Ukraina no.22:32 N '56.

AERONAUTICS IN FORESTRY
(see also subdivision under Ural Mountain region)
Airplane seeding of pine in the Urals. I. A. Chernyshev. Les. khoz. 9 no.11:80-81 N '56.
Small universal helicopter for the forest service. I. V. Ovsiannikov. Les. khoz. 9 no.11:66-69 N '56.
Using IAK-12m airplanes in forest seeding. N. S. Antrushin. Les. khoz. 9 no.11:95 N '56.

AEROSOLS
Use of penicillin aerosols in chronic suppurative processes of the lung. R. S. Kolesnikova, G. V. Rodygina, S. I. Edel'shtein. Khirurgiia. 32 no.8:39-41 Ag '56.

AESTHETICS
Beauty and art. Sergei Kononkov. Ogonek 34 no.45: 15-16 N '56.

AFRICA—DESCRIPTION AND TRAVEL
Hanzelka, Jiri, and Miroslav Zikmund. [Africa of dreams and of reality. Translated from the Czech] Afrika grez i dolstvitel'nosti. [Perevod s cheshskogo V.D.Ezhova. Red. I.I.Petekhina.] Moskva, Izd-vo inostrannoi lit-ry, 1956. 277 p.
Shumovsky, Yurij F. [Under the blazing African sun] Pid barlachym sontsem Afryky. Winnipeg, Drukom i nakladom Vyd. spilky "Tryzub," 1956. 168 p.

AFRICA—GEOLOGY, STRUCTURAL
Ancient tectonics of southern Africa. IU. M. Sheinmann. Biul. MOIP. Otd. geol. 31 no.4:101-102 Jl-Ag '56.

AGE
Age factor in salivation in young pigs. A. I. Arkhipovets. Fiziol. zhur. 42 no.10:862-866 O '56.
Biosynthesis of adrenal cortex hormones in animals of various ages. N. A. IUdaev, K. V. Druzhinina. Probl. endok. i gorm. 2 no.5:3-8 S-O '56.
Erythropoiesis in some animals in connection with their age. N. A. Zimogliad. Shor. trud. Khar'. vet. inst. 21: 94:104 '56.
Mechanism of the action of digitalis on the hearts of animals of various ages. V. D. Rozanova. Biul. eksp. biol. i med. 42 no.10:38-43 O '56.

AGE (LAW) see subdivision under Korea, North

AGGLUTINATION
Significance of the agglutination reaction as a method for differentiating diphtheria from tonsillitis of different etiology in carriers of diphtheria germs. L. P. Deliagina and others. Pediatriia 39 no.4:38-40 Jl-Ag '56.

AGGREGATES
In reference to the paper of D. E. Men'shov. A. G. Gladkii. Mat. shor. 39 no.3:379-384 Jl '56.

AGRANULOCYTOSIS
Case of agranulocytosis induced by drugs. S. P. Osadchuk, V. S. Efimova. Zdrav. Kazakh. 16 no.10:36-39 '56.
Transfusion of the "intermediate layer" of stored blood in leucopenia, agranulocytosis, and thrombopenia. A. P. Zalkina and others. Vop. perel. krovi. 4:165-174 '55.

AGRICULTURAL ADMINISTRATION see subdivision under Chkalov Province

AGRICULTURAL BOTANY see Botany, Economic

AGRICULTURAL CHEMICALS
Chemical preservation of feeds. IA. I. Poltanichko. Nauka i pered. op. v sel'khoz. no.10:13-15 O '56.

AGRICULTURAL CHEMISTRY
Extracurricular experiments pertaining to agriculture. A. I. Styshnov. Khim. v shkole 11 no.6:56-59 N-D '56.
Work toward increasing the yield of agricultural crops carried out by the Laboratory of Agricultural Chemistry of the Academy of Sciences of the Armenian S. S. R. G. S. Davtian. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:23-37 '55.

AGRICULTURAL CHEMISTRY—BIBLIOGRAPHY see Bibliography—Agricultural chemistry

AGRICULTURAL CLIMATOLOGY see Crops and climate

AGRICULTURAL EXHIBITIONS see subdivision under Moscow; Pyongyang; Ukraine

AGRICULTURAL IMPLEMENTS
Implement for piling manure. I. A. Erovchenkov. Ud. i ur. 1 no.11:57-58 N '56.

AGRICULTURAL LABORERS see subdivision under Alma-Ata Province

AGRICULTURAL LAWS AND LEGISLATION
Kostkina, I.A. [Responsibility of herdsmen and owners for damage and injury to crops and plantings] Otvetstvennost' pastukhov i vladel'tsev skota za potravy i povrozhdeniia posevov i nasazhdenii. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 45 p.

AGRICULTURAL MACHINERY
(see also subdivision under Ternopol Province)
Analytic methods for determining maximum wear in machinery. M. I. Ivashchenko. Mekh. sil'. hosp. 7 no.10:19-21 O '56.
An attachment to the SSh-6A drill for applying fertilizers. O. O. Ron'inch. Mekh. sil'. hosp. 7 no.10:31 O '56.
Babuk, V.B., ed. [Inventions and improvements in agricultural machinery; a collection of suggestions by Ukrainian inventors and innovators on the mechanization of agriculture] Izobretenila i usovershenstvovanila v sel'skokhoziaistvennoi tekhnike; sbornik predlozhenii izobretatelei i ratsionalizatorov Ukrainy po mekhanizatsii sel'skogo khoziaistva. Kiev, Gos. izd-vo selkhoz. lit-ry USSR, 1956. 410 p.
Correct use of FB-1, 2 peat cutters. A. Dalin. Tekhsov. MTS 17 no.22:5-6 N '56.
Cultivator attachment for irrigation furrowing. IA. Z. Zhilitskii, IU. A. Markov. Sad i og. no.10:58-60 O '56.

AGRICULTURAL MACHINERY (Continued)
Device for adjusting tractor-drawn equipment. V. Odoleev. MTS 16 no. 10:24-25 O '56.
Economic advantages of new models of tractors and agricultural machines. P. T. Goncharenko. Mekh. sil'. hosp. 7 no. 10:1-3 O '56.
Efficient suggestions of machine operators. V. Afanas'ev. Sovkhoz. proizv. no. 10:61-65 O '56.
Improve the supply of machine-tractor station equipment. F. Nechitailo. Sots. sel'khoz. 17 no. 7:43-45 '56.
Machinery for the over-all mechanization of agriculture. MTS 16 no. 11:4-5 N '56.
One shift. E. N. Tashchev. Nauka i pered. op. v sel'khoz. no. 10:26-27 O '56.
Prolong the life of agricultural machines. O. M. Romanenko. Mekh. sil'. hosp. 7 no. 10:32 O '56.
Some shortcomings in the PK-1, 6 pickup baler. P. A. Shevchenko, T. T. Matiushin. Mekh. sil'. hosp. 7 no. 10: 31 O '56.
Use more tractor-mounted machines on fields. I. Ermakin. MTS 16 no. 11:33-34 N '56.
What is hindering the improvement of machinery. G. M. Kukta. Nauka i pered. op. v sel'khoz. no. 10:51-53 O '56.

AGRICULTURAL MACHINERY—REPAIRING
Organization of repairing during autumn and winter. V. S. Dubrovin. Mekh. sil'. hosp. 7 no. 10:15-17 O '56.
Organizing and planning the repair of machinery on a year-round schedule. MTS 16 no. 11:43-44 N '56.
[Series on repairing tractors, agricultural machinery, and trucks.] Remont traktorov, sel'khozmashin i avtomobilei no. 12 D '56.
Spiridonov, P. V. [Maintenance of tractors and farm machinery by tractor brigades] Tekhnicheskii uklad za traktorami i sel'skokhoziaistvennymi mashinami v traktornoi brigade. Tashkent, Gos. izd-vo Uzbek SSR, 1954. 98 p. (DA)
Wide introduction of progressive methods in repairing agricultural machinery. P. S. Timofeev. Sovkhoz. proizv. no. 10:55-57 O '56.

AGRICULTURAL MACHINERY—TESTING
Impact tests for agricultural machinery parts. A. A. Gafanovich, I. P. Rabinovich. Sel'khozmashina no. 11: 27-29 N '56.

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under Gomel')
Agricultural machinery industry at the 39th anniversary of the Great Socialist October Revolution. Sel'khozmashina no. 11:1-2 N '56.
Fulfill the plan for the production of agricultural machinery and spare parts for a given series. Sel'khozmashina no. 10:1-2 O '56.

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL POLICY
Food assessment as a very important factor in the policy of war communism. Z. V. Kutsentova. Nauch. zap. Len. fin.-ekon. inst. no. 8:38-52 '55.

AGRICULTURAL RESEARCH
(see also subdivision under Ukraine)
Brief news. Izv. TSKhA no. 3:230-240 '56.
The contribution of science to production. Nauka i pered. op. v sel'khoz. no. 10:24-25 O '56.
Current tasks of research work in the field of agricultural plant physiology and agricultural chemistry. A. I. Dushechkin. Nauch. trudy inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:5-22 '48.

AGRICULTURE
(see also subdivision under Altai Territory; Azerbaijan; Bulgaria; Estonia; Golodnaya Steppe; Gorodok District; Kamensk Province; Kazakhstan; Kirghizistan; Leninskoye District (Khabarovsk Territory); Narovlya District; Novosibirsk Province; Ostrogozhsk District; Saratov Province; Siberia; Tajikistan; Turkmenistan; Ukraine; Ural Mountain region; Uzbekistan; Vladimir Province; Volga Valley; White Russia)
Academician V. R. Vil'iams and his teaching. P. A. Vlasiuk. Nauch. trudy inst. fiziol. rast. i agrokhim. AN URSR no. 4:30-65 '51.
[Agriculture abroad; translations and surveys of foreign periodical literature.] Sel'skoe khoziaistvo za rubezhom 2 no. 6 '56. 171 p. (DA)
Brief news. Vest. vys. shkoly 14 no. 11:63-64 N '56.
[Collective farmer's almanac for 1957] Kalendar' kolkhoznika na 1957 god. Moskva, Gos. izd-vo selkhoz. lit-ry [1956] 176 p.
Crop rotations and land organization on collective farms. M. Gendel'man. Sots. sel'khoz. 27 no. 7:9-17 '56.
Let us build a cultural life on virgin lands. V. Alferov. Mol. komm. 14 no. 11:31-38 N '56.
Letter to the editor. P. Pitasvskii. Sel'khoz. Povol. no. 10:77-78 O '56.
Mechanized agriculture. V. A. Zheligovskii. Est. v shkole no. 6:5-18 N-D '56.
"Outline history of land tenure and agriculture in the territory of Novgorod during the 14th and 15th centuries." L. V. Danilova. Reviewed by A. I. Kopanev. Vop. ist. no. 10:135-141 O '56.
Soveshchanie po avtomatizatsii proizvodstvennykh protsessov v sel'skom khoziaistve, 1954. [Automatization of work in agriculture; papers delivered at the conference November 25 - December 2, 1954] Avtomatizatsiia proizvodstvennykh protsessov v sel'skom khoziaistve; materialy soveshchaniia, 25 noiabria - 2 dekabria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 452 p.
[Stories of new settlers] Rasskazy novoselov. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 20 p.
Ways of increasing the productivity of labor in agriculture. S. G. Kolesnev. Izv. TSKhA no. 2:5-22 '56.
Zhukov, P. A., and V. I. Ganshtak. [The leading role of socialist industry in the development of Soviet agriculture] Vedushchaia rol' sotsialisticheskoi promyshlennosti v razvitii sel'skogo khoziaistva, 1954. 62 p. (V pomoshch' propagandistu i agitatoru)

AGRICULTURE—ABSTRACTS
[Agriculture; systematical index of articles in foreign periodicals.] Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh nos. 8-10 '56.

AGRICULTURE—ACCIDENTS
Accidents in agricultural production. M. F. Mazurik. Ortop., travm. i protez. 17 no. 4:46-48 Jl-Ag '56.
"Agricultural accidents and their prevention" by A. Z. Manuilov. Reviewed by R. D. Gabovich. Ortop., travm. i protez. 17 no. 4:66-69 Jl-Ag '56.

AGRICULTURE—ACCOUNTING
Computing the working days expended per unit of production in animal husbandry. A. A. Miroshnik, N. V. Loznovskii. Zhivotnovodstvo 18 no. 11:9-12 N '56.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES see subdivision under Paris

AGRICULTURE—COSTS
Planning and accounting for production costs on collective farms. G. Gaponenko. Plan. khoz. no. 5:41-54 '56.

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Tambov District)
Let us calculate the cost of collective farm production. E. Gorodetskii. Mol. komm. 14 no. 11:95-101 N '56.
Lower the cost of labor per production unit. N. Popovich, I. Bratchenko. MTS 16 no. 11:17-19 N '56.
Prepare for tax collections and deliveries in an exemplary manner. D. Baranistrov. Fin. SSSR 17 no. 11:29-35 N '56.
Towards new achievements in building communism. MTS 16 no. 11:1-3 N '56.

AGRICULTURE—EXPERIMENTATION
Draw progressive workers into scientific work. I. V. Belokhonov. Nauka i pered. op. v sel'khoz. no. 10:48 O '56.

AGRICULTURE—HISTORY see subdivision under Lithuania

AGRICULTURE—PERIODICALS see subdivision under Latvia

AGRICULTURE—SAFETY MEASURES
Fine work practice in the prevention of agricultural accidents. V. I. Gershkovich. Fel'd. i akush. 21 no. 11:37-39 N '56.
Decontamination of air in booths by ultraviolet rays. V. V. Vladavets. Lab. delo 2 no. 6:19-20 N-D '56.

AIR, LIQUID see Liquid air

AIR DEFENSES
Sinitsyn, V. P., and others. [Local air defense; a textbook for secondary schools and pedagogical schools] Mestnaia protivovozdushnaia oborona; uchebnoe posobie dlia srednikh shkol i pedagogicheskikh uchilishch. Pod red. V. P. Sinitsyna. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 150 p. [MICROFILM]

AIR PREHEATERS
Eliminating defects in air preheaters of industrial furnaces; an open discussion. G. T. Dovzhuk. Energ. biul. no. 11:28-31 N '56.

AIR TRAVEL
"TU-104" over the Himalayas. Kamala Ratnam. Sov. zhen. 12 no. 12:45-46 D '56.

AIRPLANE INDUSTRY
Pay rates for hourly workers. B. Baranov, I. Kogan. Sots. trud no. 9:76-78 S '56.

AIRPLANES see subdivision under Italy

AIRPLANES—CONDENSATION TRAILS see Condensation trails

AIRPLANES—EJECTION SEATS see Pilot ejection seats

AIRPLANES—ELECTRIC EQUIPMENT
Bruskin, D. E. [Electric equipment of airplanes] Elektrooborudovanie samoletov. Moskva, Gos. energ. izd-vo, 1956. 330 p.

AIRPLANES—MODELS
(see also subdivision under Hungary)
Designing guided high-speed models. I. Sladki. Kryl. rod. 7 no. 8:16-18 Ag '56.
Resolutely eliminate shortcomings in the development of airplane modelmaking. Kryl. rod. 7 no. 8:1 Ag '56.

AIRPLANES—MODELS—RADIO CONTROL
[Foreign apparatus for automatic control of models in flight] Zarubezhnye pribory avtomaticheskogo upravlenia modeliami v polete. Moskva, Izd-vo DOSAAF, 1956. 47 p.

AIRPLANES—WINGS
On a problem in the theory of finite-span wings. S. S. Grigorian. Dokl. AN SSSR 110 no. 3:346-350 S '56.

AIRPLANES, MILITARY see subdivision under United States

AKMOLINSK PROVINCE—COMMUNIST YOUTH LEAGUE
Let us build a cultural life on virgin lands. V. Alferov. Mol. komm. 14 no. 11:31-38 N '56.

AKSKYULUM RANGE—CAVES
Karst caverns on the right bank of the Okhchi-chay River [in Azerbaijan with summary in Russian]. N. K. Kerumov, M. A. Museibov, Sh. B. Karimov. Uch. zap. AGU no. 2:39-47 '56.

AKTYUBINSK—COOPERATIVE SOCIETIES
New developments in production. L. Shkol'nik. Prom. koop. no. 11:33 N '56.

AKTYUBINSK PROVINCE—SHEEP
Sho[illegible]

ALBANIA—FOREIGN RELATIONS—KOREA, NORTH

On the arrival of the official delegation of the Albanian People's Republic in Korea. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no.36:2-3 S '56.

ALBANIA—PETROLEUM—ANALYSIS

Relationship between vanadium, nickel and petroleum components from Tertiary deposits of Albania. F.IA. Demenkova. Trudy VNIGRI no.95:330-354 '56.

ALBINOS AND ALBINISM

A new method of treating vitiligo; review of foreign literature. A.S. Raben. Vest. ven. i derm. 30 no.5: 26-28 S-O '56.

ALBUMINURIA

Pseudoalbuminuric retinitis in intracranial hypertension. L. N. Zozulia. Vest. oft. 69 no.5:34-37 S-O '56.

ALCOHOLICS see subdivision under Kolomna

ALCOHOLISM

Alcohol is health's worst enemy. I. Strel'chuk. Sem'ia i shkola 11 no.12:17-18 D '56.

Fight drunkenness. I.IAnushevskii. Blok. agit. no.34: 18-26 D '56.

ALCOHOLS

Acetylene derivatives. Part 176. Synthesis of $\beta$-carboxyethyl esters of acetylenic alcohols, their corresponding acid chlorides, and amides. I. N. Nazarov, G. A. Shvekhgeimer. Izv. AN SSSR. Otd. khim. nauk no.10: 1221-1229 O '56.

Research in the synthesis and conversion of oxygen-containing organosilicon compounds. Part 6. Interaction of hydrogen-containing alkyl (aryl) dichlorosilanes with alcohols. M. F. Shostakovskii, and others. Izv. AN SSSR. Otd. khim. nauk no.10:1269-1271 O '56.

Research in the synthesis and conversion of unsaturated organosilicon compounds. Part 1. Synthesis and conversion of tertiary organosilicon-acetylenic alcohols. M. F. Shostakovskii, I. A. Shikhiev, N. V. Komarov. Izv. AN SSSR. Otd. khim. nauk no.10:1271-1274 O '56.

ALDEHYDES

Chemical resistance of certain materials in a medium containing chloroacetaldehyde, trichloroethane, hydrochloric acid, and chloroacetic acid. V. G. IAsnitskii, E. B. Dol'berg. Med. prom. no. 2:39-42 Ap-Je '55.

Condensation of aldehydes with acetic anhydride in the presence of a boron acetate. V. K. Kuskov. Dokl. AN SSSR 110 no. 2:223-225 S '56.

ALEKSANDROV, IVAN DANILOVICH

Hundred-year-old hunters. G. Glioza. Okh. i okh. khoz. no. 11:14 N '56.

ALEKSANDROVKA DISTRICT—FARM MECHANIZATION

Collective farm efficiency promoters. M. Artynov. Mekh. sil'. hosp. 7 no.10:7 O '56.

ALEKSEEV, VASILII, d. 1919

My comrade Vasia Alekseev. V. Vasil'ev. As told to R. Zernova. IUnost' no.11:98-100 N '56.

ALFALFA

Dynamics of vitamin C accumulation in alfalfa during different phases of vegetation. L. A. Dymarskii. Sbor. trud. Khar'. vet. inst. 21:183-192 '56.

Effect of trace elements on the development and yield of cotton and alfalfa seeds. M. G. Abutalybov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:53-70 '55.

Vitamin C content of alfalfa hay. L. A. Dymarskii. Sbor. trud. Khar'. vet. inst. 21:183-187 '56.

ALGAE

Monadic structural forms of algae and certain problems concerning their phylogeny. V. I. Poliansкii. Bot. zhur. 41 no. 8:1095-1106 Ag '56.

ALGAE, FOSSIL
(see also subdivision under Kuznetsk Basin)

Maslov, V. P. [Fossil calcareous algae of the U. S. S. R.] Iskopaemye izvestkovye vodorosli SSSR. Moskva, Izd-vo Akademii nauk SSSR, 1956. 300 p. (Akademiia nauk SSSR. Institut geologicheskikh nauk. Trudy, no. 160)

ALGEBRA, ABSTRACT

Boolean dimension. B. Z. Vulikh. Uch. zap. Ped. inst. Gerts. 125:95-114 '56.

ALGEBRA, UNIVERSAL

Certain embedding theorems for rings. A. I. Shirshov. Mat. sbor. 40 no. 1:65-72 S '56.

Decomposition of locally finite algebras. Liu Shao-hsüeh. Mat. sbor. 39 no. 3:385-396 Jl '56.

On rings, every subring of which is a direct summand of the ring. F. Szasz. Mat. sbor. 40 no. 2:260-272 O '56.

ALGEBRAIC FIELDS see Fields, Algebraic

ALGEBRAIC GEOMETRY see Geometry, Algebraic

ALGERIA

Algeria. Blok. agit. vod. transp. no. 21:34-42 N '56.

Algeria. IU. Kozlovskii. Blok. agit. no. 35:34-40 D '56.

ALGERIA—STUDENTS

Algerian students strike. Vsem. stud. nov. 10 no. 9/10: 27 S-O '56.

ALGOL (VARIABLE STAR) see Stars, Variable

ALHAGI

Gushchin, P. O. [Biology of Alhagi] Biologiia IAntaka (Alhagi). Tashkent, Izd-vo Sredneaziatskogo gos. univ. 1955. 115 p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 76. Biologicheskie nauki, no. 21)

Gushchin, P. O. [Biology of Alhagi] K biologii iantaka. Tashkent, Izd-vo SAGU, 1953. 22p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 44. Biologicheskie nauki, no. 16)

ALIEVA, LEILA TAGIEVAN

Leila Tagievna Alieva. V. B. Arutiunian. Med. sestra 15 no. 11:23 N '56.

ALIMENTARY CANAL—RADIOGRAPHY

Discussions. Pediatriia 30 no. 4:89-92 Jl-Ag '56.

ALKALI HALIDE CRYSTALS—ELECTRIC PROPERTIES

Relation between the dielectric strength of some alkali halide single crystals and the length of the applied voltage. G. A. Vorob'ev. Zhur. eksp. i teor. fiz. 30 no. 2: 256-261 F '56.

ALKALI LANDS see subdivision under Donets Basin; Ural Valley

ALKALI METAL SALTS

Investigating fused thorium fluoride alkali-metal salt systems. V. S. Emel'ianov, A. I. Evstiukhin. Atom. energ. no. 4:107-112 '56.

ALKALI METALS

Borovik-Romanova, T. F. [Spectrographic determination of alkali and alkaline earth elements (in water, plants, soils and rocks)] Spektral'no-analiticheskoe opredelenie shchelochnykh i shchelochnozemel'nykh elementov (v vodakh, rasteniiakh, pochvakh i porodakh). Moskva, Izd-vo Akademii nauk SSSR, 1956. 183 p.

Heat loss and thermophysical properties of fused alkali metals. I. I. Novikov. Atom. energ. no. 4:92-106 '56.

ALKALIES—PHYSIOLOGICAL EFFECT

Burns of the eyes by alkali glue. V. V. Krasnovidov, O. A. Dzhattashvili. Vest. oft. 69 no. 5:89 S-O '56.

ALKALINE EARTH METALS

Borovik-Romanova, T. F. [Spectrographic determination of alkali and alkaline earth elements (in water, plants, soils and rocks)] Spektral'no-analiticheskoe opredelenie shchelochnykh i shchelochnozemel'nykh elementov (v vodakh, rasteniiakh, pochvakh i porodakh). Moskva, Izd-vo Akademii nauk SSSR, 1956. 183 p.

ALKALOIDS

Alkaloids. A. V. Mironenko. Koikh. Bel. 4 no. 10:35 O '56.

Quantitative determination of glyco-alkaloids in potatoes and their separation. V. A. Paseshnichenko, A. R. Guseva. Biokhimiia 21 no. 5:585-590 S-O '56.

ALKYLATION

Alkylation of chlorobenzene by ethylene in the presence of sulfuric acid and aluminosilicates. IU. G. Mamedaliev, Sh. V. Veliev. Uch. zap. AGU no. 4:7-12 '55.

Alkylation of polynuclear aromatic hydrocarbons with unsaturated hydrocarbons [in Azerbaijani with summary in Russian]. IU. G. Mamedaliev, D. G. Gasanov. Uch. zap. AGU no. 1:3-22 '56.

Vdovtsova, E. A. [Radical and ionic alkylation of aromatic compounds] Radikal'nyi i ionnyi mekhanizmy reaktsii alkilirovaniia aromaticheskikh soedinenii. Erevan, Izd-vo Erevanskogo universiteta, 1953. 92 p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 43. Khimicheskie nauki, no. 6)

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLILUEV, SERGEI IAKOVLEVICH, 1866-1945

Alliluev, S.IA. [The road covered] Proidennyi put', Moskva, Gos. izd-vo polit. lit-ry, 1956. 135 p.

ALLOXAN

Destruction of alloxan in the blood in animals. R. I. Vekaler. Biokhimiia 21 no. 5:542-545 S-O '56.

ALLOYS

Determination of class I stresses in hard alloys by X-ray analysis. R. A. Landa. Zav. lab. 22 no. 7:821-823 '56.

Using aluminum and zinc alloys for the restoration of machinery parts. G. Noparidze. MTS 16 no. 11:38 N '56.

ALLOYS—METALLOGRAPHY

Contact microroentgenography of alloy steels and alloys. B. A. Movchan. Zav. lab. 22 no. 7:817-820 '56.

ALLOYS—TESTING

Simplified relaxation tests for metals and alloys. IA. S. Gintsburg. Zav. lab. 22 no. 7:840-845 '56.

ALLUVIAL LANDS see subdivision under Volga Valley

ALLUVIUM see subdivision under Kazakhstan

ALMA-ATA—ART, CHINESE—EXHIBITION

Comments, reports. Sov. Kazakh. 22 no. 4:124-[illegible] '56.

ALMA-ATA—WORMS, INTESTINAL AND PARASITIC

Worms parasitic on quails in the environs of Alma-Ata. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 3:77-83 '56.

ALMA-ATA PROVINCE—AGRICULTURAL LABORERS

Envoys from Lenin Hills; a sketch. A. Bragin. [illegible] zakh. 22 no. 9:26-34 S '56.

ALMA-ATA PROVINCE—COCCIDIOSIS

Dynamics and paths of the infection of camels with Coccidia. A. A. TSygankov. Trudy Inst. zool. AN Kazakh. SSR 3:140-150 '55.

Materials on the dynamics of the infection of swine with Coccidia in Kazakhstan. N. G. Patchuk. Trudy Inst. zool. AN Kazakh. SSR 3:151-160 '55.

A new species of Coccidia in turkeys. S. K. Svanbaev. Trudy Inst. zool. AN Kazakh. SSR 3:161-163 '55.

ALMA-ATA PROVINCE—MARMOTS

On the feeding habits of Marmota baibacina Kastsch. [with English summaries in insert]. I. I. Stogov. Zool. zhur. 35 no. 9:1390-1394 S '56.

ALMA-ATA PROVINCE—WORMS, INTESTINAL AND PARASITIC

Worms parasitic on pheasants. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 3:54-66 '55.

ALMANACS

[Collective farmer's almanac for 1957] Kalendar' kolkhoznika na 1957 god. Moskva, Gos. izd-vo polit. lit-ry [1956] 176 p.

[Reference almanac for 1950] 1950 god - kalendar'-spravochnik. [Moskva] Gos. izd-vo polit. lit-ry, [1949] [illegible] [PHOTOSTAT]

Russia (1923- U.S.S.R.) Glavnoe upravlenie grazhdanskogo vozdushnogo flota. [Calendar for 1954] Kalendar', 1954. Moskva, Redizdat [1953?] 196 p. [MICROFILM]

Welcome present. Varvara Karbovskaia. Ogonek 11 no. 49:31 D '56.

ALMANACS, UKRAINIAN

[Milia; a calendar and almanac for 1956] Milia; kalendar-al'manakh na 1956. Buenos Aires, La Ekspresa, 1956. 124 p. (OCI)

[New Pathway Jubilee Book, 1930-1955, and almanac for 1956-1957] IUvileina knyha "Novoho Shliakhu" 1930-1955 i kalendar al'manakh na 1956-1957 r. Winnipeg, 1956. 320 p.

["Ukrainian Voice" 1957 almanac] Kalendar "Ukrains'koho Holosu" 1957. Winnipeg, Vyd. Vydavnychoi spilky "Tryzub" v Kanadi. Vol. 40. 1956. 176 p.

ALMOND

Characteristics of the anatomical structure of wood of some almond species. R. T. IAskevich. Biul. sad. i [illegible] no. 8:1172-1177 Ag '56.

ALPHA RAYS

Highest rotational state of nuclei. Alpha decay intensities calculated for rotational excited levels. L. I. Gudzenko, G. I. Novikova, E. G. Tret'iakov. Izv. AN SSSR. Ser. fiz. 20 no. 8:868-874 Ag '56.

On the alpha decay of $Np^{237}$. L. N. Kondrat'ev and others. Izv. AN SSSR. Ser. fiz. 20 no. 8:875-876 Ag '56.

Two-electron charge-exchange of alpha particles in helium. V. I. Gerasimenko, L. N. Rozentsveig. Zhur. eksp. i teor. fiz. 31 no. 4:684-687 O '56.

ALPHA RAYS—SPECTRA

Precision magnetic alpha-ray spectrometer. L. I. Gudzenko, E. F. Tret'iakov. Izv. AN SSSR. Ser. fiz. 20 no. 8: 859-867 Ag '56.

ALTAI MOUNTAINS—DIKES (GEOLOGY)

Relation of polymetallic mineralization to dikes of basic rocks in deposits of northwestern Rudnyy Altai. A. F. Sidorenko. Biul. MOIP. Otd. geol. 31 no. 4:105-106 Jl-Ag '56.

ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL

Geology and petrology of the Irtysh zone of warping in the Altai Mountains and regularities of occurrence of polymetallic deposits. B. IA. Khoreva. Biul. MOIP. Otd. geol. 31 no. 4:104-106 Jl-Ag '56.

ALTAI MOUNTAINS—MINERALOGY

Upper time limit of polymetallic mineralization in the Rudnyy Altai. N. L. Bublichenko. Vest. AN Kazakh. SSR 12 no. 10:101-103 O '56.

ALTAI MOUNTAINS—ORE DEPOSITS

Geology and petrology of the Irtysh zone of warping in the Altai Mountains and regularities of occurrence of polymetallic deposits. B. IA. Khoreva. Biul. MOIP. Otd. geol. 31 no. 4:104-106 Jl-Ag '56.

ALTAI MOUNTAINS—ORE DEPOSITS (Continued)

Present-day concepts of the origin of polymetallic ores of the Altai. V. P. Nekhoroshev. Inform. sbor. VSEGEI no. 1:90-98 '55.

Regularities of the occurrence of ore regions in the Altai Mountains and eastern Kazakhstan. D. I. Gorzhevskii. Biul. MOIP. Otd. geol. 31 no. 4:102 Jl-Ag '56.

Relation of polymetallic mineralization to dikes of basic rocks in deposits of northwestern Rudnyy Altai. Z. V. Sidorenko. Biul. MOIP. Otd. geol. 31 no. 4:105-106 Jl-Ag '56.

So-called ore nodules in Devonian conglomerates of the Rudnyy Altai. V. P. Nekhoroshev. Inform. sbor. VSEGEI no. 1:87-89 '55.

ALTAI MOUNTAINS—ORES—SAMPLING AND ESTIMATION

Setting new conditions for Altai Mountain polymetallic ores. A. IA. Zaplavnyi. Vest. AN Kazakh. SSR 12 no. 8:67-72 Ag '56.

ALTAI MOUNTAINS—POLYZOA, FOSSIL

Nekhoroshev, V.P. [Lower Carboniferous Bryozoa of the Altai and Siberia] Nizhnekamennougol'nye mshanki Altaia i Sibiri, Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956, 418 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 13)

ALTAI MOUNTAINS—PROSPECTING—GEOPHYSICAL METHODS

Electrical prospecting in the Rudnyy Altai. P. F. Ivankin, S. IA. Liogen'kii. Vest. AN Kazakh. SSR 12 no. 8: 15-24 Ag '56.

ALTAI MOUNTAINS—ROCKS, IGNEOUS

Geology and petrology of intrusive complexes of the Leninogorsk region in the Rudnyy Altai. V. N. Gavrilova. Biul. MOIP. Otd. geol. 31 no. 4:103-104 Jl-Ag '56.

Main features of the geology and the petrology of intrusive complexes of the Rudnyy Altai. V. I. Chernov. Biul. MOIP. Otd. geol. 31 no. 4:103 Jl-Ag '56.

ALTAI TERRITORY—AGRICULTURE

Klotov, Vasyl'. [On virgin lands of Altai Territory] Na altais'kii tsilyni. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1955, 32 p. (Mil)

ALTAI TERRITORY—FRUIT CULTURE

My experiments. M. A. Nuianzin. Sad i og. no. 10:75 O '56.

ALTAI TERRITORY—GRAIN

To the good of the billion poods of Siberian grain. P. L. Smorodov. Sovkhoz. proizv. no. 10:12-15 O '56.

ALTAI TERRITORY—MACHINE-TRACTOR STATIONS

Results of selfless labor. T. Zhilin, A. Ponomarev. MTS 16 no. 11:6-9 N '56.

ALTAI TERRITORY—MINING ENGINEERING

Ergaliev, A.E., V.A.Shestakov, and A.N.Batoboikin. [Work practice of loading mines in Rudnyy Altai] Opyt raboty peredovykh gornakov rudnogo Altaia. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 96 p.

ALTERNATING CURRENTS see Electric currents, Alternating

ALTITUDE, INFLUENCE OF

Certain changes in physiological functions under mountain conditions. A. S. Shatalina. Trudy SAGU no. 59:26-69 '54.

Physiological examination of the participants in the group ascent of the Great Chimgan Peak. A. S. Shatalina. Trudy SAGU no. 59:70-80 '54.

Studying conditioned reflex changes in the blood under mountain conditions. A. I. Izrael'. Trudy SAGU no. 59: 3-15 '54.

Two types of physiological reactions in horses under mountain conditions. A. I. Izrael'. Trudy SAGU no. 59: 16-25 '54.

ALTRUISM

Good people. Elena Kononenko. Rabotnitsa 34 no. 12: 1-2 D '56.

ALUMINA

Discussion at the Urals' aluminum plant of V. A. Mazel's book "Production of alumina." A. A. Evtiutov and others. TSvet. met. 29 no. 10:85-86 O '56.

Kuznetsov, S.I. [Manufacture of alumina; problems in physical chemistry] Proizvodstvo glinozema; voprosy fizicheskoi khimii. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 115.

Production of active aluminum oxide from local raw materials. L. B. Fisher, L. E. Fedoseeva. Trudy Vost.-Sib. fil. AN SSSR no. 4:150-153 '56.

ALUMINUM

Apukhtin, G. I. [Soldering of aluminum and its alloys by means of ultrasonic waves] Paika aliuminiia i ego splavov s primeneniem ul'trazvuka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 17 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh. Tema 22, no. 1-56-3)

Determination of aluminum in alunite. M. K. Akhmedli, E. A. Bashirov, I. S. Lozovskaia. Uch. zap. AGU no. 2: 27-32 '55.

Galvanic coating of aluminum and aluminum alloys. V. A. Il'in. Med. prom. no. 2:12-15 Ap-Je '55.

Photometric determination of aluminum and iron in alunite rocks. M. K. Akhmedli, E. A. Bashirov. Uch. zap. AGU no. 7:25-28 '55.

Separation of aluminum and zirconium by the method of ion exchange. IU. I. Usatenko, L. I. Gureeva. Zav. lab. 22 no. 7:781-783 '56.

Soldering aluminum conductors. A. G. Shikher, S. N. Guseva, S. V. Radilov. Prom. energ. 11 no. 11:9-11 N '56.

ALUMINUM—METALLURGY

(see also subdivision under Ural Mountain region)

Investigating the process of calcinating aluminate solutions in continuous-action columns. A. I. Zhevnovatyi. TSvet. met. 29 no. 10:54-63 O '56.

ALUMINUM ALLOYS

Use of the ultraviolet microscope for examining the structure of aluminum alloys. I. F. Kolobnev and others. Zav. lab. 22 no. 7:803-804 '56.

ALUMINUM BRONZE—CORROSION

Electrochemical investigation of the behavior of aluminum bronze towards corrosion in sulfuric acid [with English summary in insert]. V. I. Ginzburg. Zhur. fiz. khim. 30 no. 9:1932-1940 S '56.

ALUMINUM FOUNDING

Manufacturing the rotor windings of squirrel-cage motors. G. IA. Shkil'ko. Vest. elektroprom. 27 no. 5: 39-40 My '56.

ALUMINUM HALIDES

Discovery of the catalytic action of aluminum halides. K. B. Piotrovskii. Trudy Inst. ist. est. i tekh. 12: 246-257 '56.

ALUMINUM OXIDES—ELECTRIC PROPERTIES

Electric strength of thin layers of aluminum oxide. S. N. Knikov, A. N. TSikin. Zhur. tekh. fiz. 26 no. 10:2248-2253 O '56.

ALUMINUM SALTS

Catalytic activity and acidity of silica gel treated with solutions of aluminum salts. K. G. Miesserov. Izv. AN SSSR. Otd. khim. nauk no. 10:1180-1184 O '56.

ALUNITE

Determination of aluminum in alunite. M. K. Akhmedli, E. A. Bashirov, I. S. Lozovskaia. Uch. zap. AGU no. 2: 27-32 '55.

Photometric detection of magnesium in alunite rocks. M. K. Akhmedli, P. B. Granovskaia, L. F. Zhirova. Uch. zap. AGU no. 3:27-33 '55.

Photometric determination of aluminum and iron in alunite rocks. M. K. Akhmedli, E. A. Bashirov. Uch. zap. AGU no. 7:25-28 '55.

AMADO, JORGE, 1912-

Human thought can break stone walls. Inna Tynianova. Inostr. lit. no. 11:203-211 N '56.

AMATEUR ART ACTIVITIES see subdivision under Peiping; Pyongyang; Yoshkar-Ola

AMATEUR RADIO STATIONS

Radio amateur's Q code. Radio no. 11:25-26 N '56.

AMERICAN MILITARY BASES see Military bases, American

AMERICAN SCHOLARS see Scholars, American

AMETROPIA see Eye—Accomodation and refraction

AMIDES

Acetylene derivatives. Part 176. Synthesis of β-carboxyethyl esters of acetylenic alcohols, their corresponding acid chlorides, and amides. I. N. Nazarov, G. A. Shvekhgeimer. Izv. AN SSSR, Otd. khim. nauk no. 10: 1221-1230 O '56.

AMILAKHVARI, ALEKSANDR DMITRIEVICH, 1750-1802

From the history of political thought in Georgia in the 18th century [in Georgian with summary in Russian]. G. D. Akopashvili. Trudy Inst. ist. AN Gruz. SSR 1:271-302 '56.

AMINO ACIDS

Conversion of nitrogen of various amino acids and ammonia to urea in the liver of mammals. I. V. Kliuge. Biokhimiia 21 no. 5:516-527 S-O '56.

Free amino acid content of young wheat plants raised on isolated nutrients [with English summary in insert]. V. P. Dadykin, Z. S. Igumnova. Fiziol. rast. 3 no. 5: 431-434 S-O '56.

Synthesis of amino dicarboxylic acids of the aliphatic series from thiophene. IA. L. Gol'dfarb, B. P. Fabrichnyi, I. F. Shalavina. Izv. AN SSSR. Otd. khim. nauk no. 10:1276-1278 O '56.

Use of ionophoresis in combination with paper chromatography in the identification of amino acids in hydrolysates of natural proteins. IU. V. Galaev, E. K. Altmova. Biokhimiia 21 no. 5:539-541 S-O '56.

AMMINES

Theory of electron processes in metal-ammonia solutions. M. F. Deihen, IU. A. TSvirko. Ukr. fiz. zhur. 1 no. 3: 245-260 Jl-S '56.

AMMONIA

Ammonia dissociator with automatic temperature control. A. A. Nalbandian. Prom. energ. 11 no. 11:11-13 N '56.

Ammonia side-dressing of cotton. Khlopkovodstvo 6 no. 11:51 N '56.

Conversion of nitrogen of various amino acids and ammonia to urea in the liver of mammals. I. V. Kliuge. Biokhimiia 21 no. 5:516-527 S-O '56.

Determination of the equilibrium constant of the reaction between dicyclohexylamine and ammonia. A. I. Naumov, E. P. Heidel, E. P. Geidel'berg. Zhur. fiz. khim. 30 no. 9:2126 S '56.

The heterogeneous and homogenous mechanism underlying a catalytic decomposition of ammonia. Dim. Vlado. Dokl. AN SSSR 110 no. 3:404-407 S '56.

Temperature dependence of the coefficient of nitrogen isotope separation on chemical exchange between ammonia and ammonium nitrate solution [with English summary in insert]. V. IU. Orlov, N. N. Tunitskii. Zhur. fiz. khim. 30 no. 9:2085-2089 S '56.

AMMONIA—TOXICOLOGY

Intoxication of the central nervous system during hepatic functional disorders [with summary in English]. N. V. Veselkin, B. G. Gordon. Vop. med. khim. 2 no. 5:350-356 S-O '56.

AMMONIUM CITRATE

Dissolving impregnating lime. A. A. Alekseev. Vest. oft. 69 no. 5:90 S-O '56.

AMMONIUM COMPOUNDS SUBSTITUTED

Modification of the lability of the superior cervical ganglion following the administration of quaternary ammonium compounds. D. A. Kharkevich. Biul. eksp. biol. i med. 42 no. 10:34-38 O '56.

AMMONIUM FLUOSILICATE

Electron diffraction examination of ammonium fluosilicate. B. K. Vainshtein, M. M. Stasova. Kristallografiia 1 no. 3:311-320 '55.

AMMONIUM NITRATE

New method for the decomposition and splitting of minerals by means of ammonium nitrate. P. M. Isakov, L. G. Potylitsyna. Inform. sbor. VSEGEI no. 1:140-142 '55.

Prospects for using neutralized ammonium nitrates in the Chernozem region of the U. S. S. R. F. V. Turchin. Ud. i ur. 1 no. 11:30-37 N '56.

Temperature dependence of the coefficient of nitrogen isotope separation on chemical exchange between ammonia and ammonium nitrate solution [with English summary in insert]. V. IU. Orlov, N. N. Tunitskii. Zhur. fiz. khim. 30 no. 9:2085-2089 S '56.

AMMONOIDEA

(see also subdivision under Russian Platform)

New and little-known genera of Jurassic Lytoceratina. N. V. Beznosov. Biul. MOIP. Otd. geol. 31 no. 4:109-110 Jl-Ag '56.

Systematics of the family Parahoplitidae. V. V. Drushchits. Uch. zap. Mosk. un. no. 176:105-113 '56.

AMOEBA

Mutual relationship of certain physicochemical and functional properties of the protoplasm of amoeba. M. F. Popova. Biofizika 1 no. 1:23-29 '56.

AMORTIZATION

Moscow. Nauchno-issledovatel'skii finansovyi institut. [Amortization in Soviet industry] Amortizatsiia v promyshlennosti SSSR, Moskva, Gosfinizdat, 1956. 236 p.

AMPHIBIA

Degenerative and restorative processes in the olfactory organ in fish and amphibians. IA. A. Vinnikov. Biul. eksp. biol. i med. 42 no. 10:57-59 O '56.

Investigating the regenerative capacity of the retina in adult Bombina and rats. O. G. Stroeva. Izv. AN SSSR. Ser. biol. no. 5:76-84 S-O '56.

AMPHIBOLE

Concerning the terms "alkali amphibole" and "alkali pyroxene." Vladimir Sobolev. Min. sbor. no. 5:316-318 '51.

AMPHIBOLITE

Hornblende from amphibolites of the Marmaroshskiy massif. M. P. Gabinet. Min. sbor. no. 5:352-355 '51.

AMPHIPODA see subdivision under Dnieper River

AMPLIFIERS, ELECTRON-TUBE

Calculations for an amplifier circuit loaded on a coordinated line. A. S. Protopopov. Trudy MAI no. 65:114-125 '56.

Direct-current amplifiers. L. B. Kaminir. Biofizika 1 no. 6:729-740 '56.

AMPLIFIERS, ELECTRON-TUBE (Continued)

Pulse method of amplifying the power of sound frequency oscillations. V. V. Malanov. Radiotekhnika 11 no. 10: 38-46 O '56.

Symmetrical input cascade (from "Wireless World," July, 1956). Radio no. 11:52-53 N '56.

Two-cascade direct-current amplifier with high amplification. V. A. Kozhevnikov, V. I. Soroko. Biofizika 1 no. 1: no. 1:95-97 '56.

Using the method of orthogonal polynomials in the solution of some problems of analysis and synthesis of multistage amplifiers. S. V. Samsonenko. Radiotekh. i elektron. 1 no. 5:623-626 My '56.

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMPUTATION

"Amputation of limbs in children" by M. V. Volkov. Reviewed by B. M. Khromov. Ortop., travm. i protez. no. 6:71-74 N-D '55.

AMPUTATION OF ARM

Autoplastic lengthening of the forearm stump by means of joining it with the other stump. V. M. Tikhonov. Ortop., travm. i protez. 17 no. 1:62-64 Ja-F '56.

Expediency of using the plastic operation for splitting the forearm in the blind. I. IA. Shternberg. Ortop., travm. i protez. 17 no. 2:61 Mr-Ap '56.

AMPUTATION OF LEG

Choice of the level of amputation in endarteritis obliterans and arteriosclerosis. M. D. Rutenburg. Ortop., travm. i protez. 17 no. 1:61-62 Ja-F '56.

Impulsive phantom limb exercise after amputation of the liver leg. E. D. Ivanenkova. Ortop., travm. i protez. 17 no. 2:61 Mr-Ap '56.

AMPUTATION STUMP

Treating disabled with defective amputation stump. A. A. Golosov. Ortop., travm. i protez. 17 no. 2:59 Mr-Ap '56.

AMSTERDAM—SPECTRUM ANALYSIS—CONGRESSES

Sixth International Colloquium on Spectroscopy. S. F. Opt. i spektr. 1 no. 7:955-956 N '56.

AMU DARYA—SEDIMENTATION AND DEPOSITION

Sedimentation in the Amu-Darya. N. A. TSvetkova. Vop. gidr. no. 1:151-157 '55.

AMU DARYA VALLEY—IRRIGATION

Akademiia nauk SSSR. Sovet po izucheniiu proizvoditel'nykh sil, Aralo-Kaspiiskaia kompleksnaia ekspeditsiia, 1948-1950. [Studies on deformations of canals and the effect of irrigation on ground water in the region of the lower Amu Darya] Issledovaniia deformatsii kanalov i vliianiia oroshenila na gruntovye vody v nizov'iakh Amu-Dar'i. Moskva, 1956. 221 p. (Its Trudy, no. 7)

AMYLASE see Diastase

AMYNTAS II or III, King of Macedonia, fl. 4th century B. C.

Treaty between Amyntas, King of Macedonia, and the cities of the Chalcidic League. T. V. Prushakevich. Uch. zap. Len. un. no. 192:81-93 '56.

ANABASINE

Conductometric titration of a mixture of anabasine and lupinine. V. V. Udovenko, L. A. Vvedenskaia. Trudy SAGU no. 40:3-8 '53.

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANATOMY, HUMAN—ABSTRACTS

[Abstracts of Soviet medical literature: Normal and pathological morphology with embryology.] Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia morfologiia s embriologiei no. 9 '56. (DNLM)

ANATOMY, HUMAN—STUDY AND TEACHING

Development of mental alertness in students during human anatomy and physiology classes. E. P. Brunovt. Est. v shkole no. 6:34-41 N-D '56.

Teaching anatomy to groups of ten-year school graduates. M. P. Libakh. Fel'd. i akush. 21 no. 10:45-49 O '56.

ANATOMY, PATHOLOGICAL

Brief news. Arkh. pat. 18 no. 5:141-142 '56.

Plenary sessions of the Moscow Society of Pathoanatomists. V. P. Kesareva. Arkh. pat. 18 no. 5:130-136 '56.

"Textbook on special pathological anatomy [In German], by E. Kaufman. Reviewed by IU. V. Gul'kevich. Arkh. pat. 18 no. 5:105 '56.

Work of the Kharkov Province Society of Pathoanatomists in 1954. M. N. Toropova. Arkh. pat. 18 no. 5: 136-138 '56.

Work of the Society of Pathoanatomists of the Georgian S. S. R. in 1954. V. K. Zhgenti. Arkh. pat. 18 no. 5: 132-134 '56.

ANATOMY, VETERINARY see Veterinary anatomy

ANDERSEN, HANS CHRISTIAN, 1805-1875

Grieg and Andersen. O. Levasheva. Sbob. inst. ist. isk. no. 5: 114-130 '56.

ANDESITES see subdivision under Transcarpathia

ANDIZHAN—THEATER

On the Andizhan stage. Sots. Uz. 15 no. 10:17 O '56.

ANDREEV, NIKOLAI ALEKSEEVICH, 1897-1956

Nikolai Alekseevich Andreev. D. G. Chizhov and others. Elek. sta. 27 no. 10:62 O '56.

ANECDOTES

Sen'ko, H. [Soviet anecdotes] Pidsovets'ki anekdoty. Buenos-Aires, Peremoha, 1956, 144 p.

ANEMIA

(see also subdivision under Kwantung Province)

Chronic familial hemolytic anemia of Cooley's type. K. V. Stepanova. Pediatriia 39 no. 4:56-60 Jl-Ag '56.

Effect of an increased and decreased oxygen content of inspired air on animals with cerebral anemia. P. V. Vasil'ev. Arkh. pat. 18 no. 5:87-88 '56.

Effect of asphyxia and exsanguination on spinal reflexes. A. M. Bentelev. Fiziol. zhur. 42 no. 10:949-953 O '56.

Effect of blood transfusion on the higher nervous activity in posthemorrhagic hypochromic anemia. E. G. Vodokhlebova. Arkh. pat. 18 no. 6:82-85 '56.

Role of the cerebral cortex in the pathogenesis of hemolytic anemia. Report no. 1: Attempted reproduction of a syndrome of experimental phenylhydrazine anemia. N. A. Grigorovich. Biul. eksp. biol. i med. 42 no. 10: 11-15 O '56.

Some functional changes in the nervous system in pernicious anemia. M. I. Shragc. Vop. perel. krovi. 4:77-85 '55.

Using campolon in the treatment of anemia in domestic animals. S. I. Smirnov. Veterinariia 33 no. 12:39-41 D '56.

ANIMAL PRODUCTS

Blomkvist, M. S., and E. T. Malorova. [Increase the amount of animal products by every means] Vsemi merami povyshat' proizvodstvo produktov zhivotnovodstva. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 58 p. (Bibliotechka v pomoshch' lektoru, no. 24)

ANIMALS, ABNORMALITIES OF see Abnormalities (Animals)

ANIMALS, DISEASES OF see Veterinary medicine

ANIMALS, DOMESTIC see Domestic animals

ANIMALS, HABITS AND BEHAVIOR OF

Reflex of "freedom" and the "orientation" reflex in wild animals in captivity. V. P. Gerasimov. Est. v shkole no. 6:48-52 N-D '56.

ANIMATED CARTOONS see subdivision 'Motion pictures, cartoons' under Czechoslovakia

ANIONS

Technological characteristics of strongly basic anion exchanging substances. A. M. Proskhorova. Teploenergetika 3 no. 12:14-20 D '56.

Using EDE-10 and AN-2F anion-exchange resins for efficient desalting of water. V. P. Meleshko, [illegible] vinskaia, M. N. Romanov. Teploenergetika [illegible] 20-23 D '56.

ANISOLE

Physicochemical analysis of systems: anisole - chloroacetic acid and anisole - trichloroacetic acid. R. P. Airapetova, M. K. Turapov. Trudy [illegible] 17-21 '53.

ANKLE—SURGERY

Surgical treatment of tuberculosis of the ankle joint. A. K. Prikhod'ko. Ortop., travm. i protez. 17 no. 4: 33-36 Jl-Ag '56.

ANNIVERSARY CALENDAR

Art calendar. Mysteistvo no. 5:46-3 of cover. [illegible]

Memorable dates. Nar. obr. no. 10:79-80 O '56.

Memorable dates. Nar. obr. no. 11:78-79 N '56.

Noteworthy dates in 1957. Lit. v shkole 12 [illegible] N-D '56.

ANNUALS see Almanacs; Calendars

ANOXIA

Significance of the functional state of the central nervous system in the resistance of animals to oxygen [illegible] P. V. Simonov. Arkh. pat. 18 no. 5:50-55 '56.

ANTARCTIC REGIONS

About Antarctica. E. I. Turbina. Est. v shkole no. 6: 89-90 N-D '56.

New stage in the work of the Antarctic expedition. V. Meshcherin. Blok. agit. vod. transp. no. 21:1-2 N '56.

ANTENNAS (ELECTRONICS)

Orientation of the antenna of an ionospheric station. Z. TS. Raposport. Zhur. eksp. i teor. fiz. 30 no. 3: 406 F '56.

ANTHELMINTICS

Fluorine preparations as anthelmintics. A. F. Nesis, G. D. Adamets. Sbor. trud. Khar'. vet. inst. 21:349-351 '56.

Research on new anthelmintics for controlling [illegible] dotaeniasis in geese. M. A. Palimpsestov and [illegible] Sbor. trud. Khar'. vet. inst. 22:281-287 '54.

Sodium fluoride and sodium fluosilicate as anthelmintics in ascaridiasis in dogs. G. D. Adamets. Sbor. trud. Khar'. vet. inst. 21:384-390 '56.

ANTHRACANE—SPECTRA

Luminescence of naphthalene and anthracene [illegible] crystals. V. N. Vyshnevskyi. Ukr. fiz. zhur. 1 no. 5 294-307 Jl-S '56.

ANTHRACITE COAL—MAGNETIC PROPERTIES

Paramagnetic resonance in anthracite and other substances containing carbon. N. S. Garif'ianov, B. M. [illegible] Zhur. eksp. i teor. fiz. 30 no. 2:272-276 F '56.

ANTHRANILIC ACID

Amperometric titration of cobalt with anthranilic acid. Part 4. A. K. Zhdanov, A. M. IAkubov. Trudy [illegible] no. 55:71-75 '54.

Amperometric titration of copper with anthranilic acid. Part 1. A. K. Zhdanov, R. I. TSolilin. Trudy [illegible] no. 55:41-52 '54.

Amperometric titration of nickel with anthranilic acid. Part 3. A. K. Zhdanov, A. M. IAkubov. Trudy [illegible] no. 55:65-69 '54.

Amperometric titration of zinc with anthranilic acid. Part 2. A. K. Zhdanov, A. M. IAkubov. Trudy [illegible] no. 55:63-64 '54.

ANTIBIOTICS

[Antibiotics] translations, surveys, and abstracts of foreign literature] Antibiotiki 2 no. 6 '56. [illegible] p.

ANTIBIOTICS (Continued)
Antibiotics in stock raising. N. A. Krasil'nikov. Nauka i pered. op. v sel'khoz. no. 10:11-12 O '56.
Cases of abscesses following administration of antibiotics. L. L. Gol'zand. Fel'd. i akush. 21 no. 10: 41-42 O '56.
Comparative evaluation of the use of albomycin and furacillin in the treatment of infected wounds; experimental study. V. M. Ugleva. Vest. khir. 77 no. 10:73-80 O '56.
Effect of some phytoncides and antibiotics on Flexner's dysentery bacillus. L. D. Zhdanova. Vop. kraev. pat. no. 4:18-19 '54.
Growth and development of actinomycetes producing streptomycin, biomycin, and terramycin under the conditions of submerged biosynthesis of the antibiotic. A. A. Prokof'eva-Bel'govskaia, N. V. Orlova. Izv. AN SSSR. Ser. biol. no. 5:59-60 S-O '56.
Importance of antibiotics, sulfa drugs and vitamins in preserving semen. I. I. Sokolovskaia and others. Izv. TSKhA no. 2:193-214 '56.
Method for determining antibiotic sensitivity of microflora isolated from the phlegm of the diseased. M. N. Glazman. Lab. delo 2 no. 6:17-18 N-D '56.
Morphological modifications in organs and tissues of animals treated with granuticidin C and water soluble granticidin. G. IA. Kivman. Arkh. pat. 18 no. 6:115-117 '56.
New antibiotics: magnamycin, erythromycin and azacerin. D. M. Trakhtenberg. Med. prom. no. 4:37-40 O-D '56.
Primary gonococcal sensitivity to antibiotics and sulfanilamides as compared with chemotherapeutic results in men. E. G. Livkina, F. S. Malyshev, N. V. Vdovina. Vest. ven. i derm. 30 no. 5:45-49 S-O '56.

ANTIGENS AND ANTIBODIES
Antigenic and immunogenic properties of the pappataci fever virus adapted for mice sucklings. M. N. Sooknikova. Vop. kraev. pat. no. 4:73-78 '54.
Competition of haptenes in artificial antigens. A. I. Nikolaev. Biul. eksp. biol. i med. 42 no. 10:54-56 O '56.
Differentiation of antigens causing anaphylaxis from precipitins. N. A. Fedorov, A. E. Gurvich. Arkh. pat. 18 no. 6:52-55 '56.
Mechanism of action of cytotoxins. D. A. Maslakov. Arkh. pat. 18 no. 6:55-57 '56.
On the problem of the nature of heterologous serum antibodies. D. A. TSuverkalov. Sbor. trud. Khar'. vet. inst. 22:219-232 '54.
On the study of isoantigens and isoimmune antibodies in blood transfusion in dogs. V. M. Lobanskii. Sbor. trud. Khar'. vet. inst. 21:413-424 '56.
Relationship between serum titer and the method of injecting dysenteric antigens. V. D. Kuz'menko. Lab. delo 2 no. 6:13-14 N-D '56.

ANTIMONY--ISOTOPES
Enrichment of radioactive antimony isotopes with the aid of triphenylantimony difluoride by the atomic recoil method [with English summary in insert]. V. D. Nefedov, L. N. Evtikheev, Zhur. fiz. khim. 30 no. 9:2090-2092 S '56.
Gamma-ray spectra of $Sb^{124}$. B. S. Dzhelepov and others. Izv. AN SSSR. Ser. fiz. 20 no. 8:928-932 Ag '56.

ANTIMONY-THALLIUM-ARSENIC ALLOYS see Thallium-antimony-arsenic alloys

ANTIQUITIES see subdivision under Alaska; Azerbaijan; Azov Sea region; Crimea; Dura, Syria; Issi' Valley; Ivolginsk; Kirgizistan; Kola Peninsula; Kostenki; Mongolia; Mtskheta; Nakhichevan' District; Ovruch District; Talas Province; Turkmenistan

ANTIQUITIES, PREHISTORIC see subdivision 'Man, Prehistoric' under Baltic Sea region; Estonia; Ukraine; Tuva Autonomous Province

ANTITOXINS see Toxins and antitoxins

ANTONOVICH, MAKSIM ALEKSEEVICH, 1835-1918
Aspects of religion in the works of M. A. Antonovich. V. V. Chubinskii. Vop. ist. rel. i ateis. no. 4:137-158 '56.

AORTA--DISEASES
Cases of aortic perforation in tuberculous spondylitis. V. A. Talantov. Ortop., travm. i protez. 17 no. 4:57-59 Jl-Ag '56.
Thrombosis of the abdominal part of the aorta; diagnosis, clinical aspects and treatment. A. L. Papadato. Zdrav. Kazakh. 16 no. 10:14-18 '56.

AORTA--RADIOGRAPHY
Some pathophysiologic data on transiumbar aortography. Jan Kniazovitskii. Urologiia 21 no. 1:18-21 Ja-Mr '56.

AORTA--WOUNDS AND INJURIES
Case of sudden death from a multiple embolism of the right lung and kidneys in wounds of the aorta and left lung. G. A. Bezhaev. Khirurgiia. 32 no. 8:70 Ag '56.

APARTMENT HOUSES
(see also subdivision under Finland; France; Leningrad; Moscow)
Apartment houses built of coarse cellular concrete blocks. S. Polak, P. Ivanov, R. Arkad'ev. Stroitel' 2 no. 8:6-7 F '56.
Effect of the parameters of small apartments on the size of precast elements for large-block buildings. S. V. Vanil'kovskii. Arkhit. i stroi. Len. no. 3:9-14 S '56.
Francaise large panel apartment houses. K. Parshina. Stroitel' 2 no. 3:7-8 Mr '56.
Multistoried apartment houses in I. V. Zholtovskii's works. IU. P. Kornuev. Soob. inst. int. isk. no. 7: 51-69 '56.
Sanitary installations in large-block apartment houses. I. S. Liber. Arkhit. i stroi. Len. no. 3:19-20 S '56.

APARTMENT HOUSES--MAINTENANCE AND REPAIR
(see also subdivision under Leningrad)
Gantte work in the general overhaul of buildings. V. Kochko. Zhil.-kom. khoz. 6 no. 6:17-18 '56.

APARTMENT HOUSES--MANAGEMENT see subdivision under Orekhovo-Zuyevo

APATITE see subdivision under Volhynia

APHIDIDAE see Plant lice

APITHITFALITE
Empirical equations for crystallization fields of binary salts. N. I. Timokhina. Trudy SAGU no. 40:30-42 '53.

APICULTURE see Bee culture

APLITES see subdivision under Uzbekistan

APPARATUS, CHEMICAL see Chemical apparatus

APPARATUS, ELECTRICAL see Electric apparatus and appliances

APPARATUS, MEDICAL see Medical instruments and apparatus

APPARATUS, ORTHOPEDIC see Orthopedic apparatus

APPARATUS, PHYSIOLOGICAL see Physiological apparatus

APPARATUS, SCIENTIFIC see Scientific apparatus and instruments

APPARATUS, SURGICAL see Surgical instruments and apparatus

APPELLATE PROCEDURE
Procedural guarantees of the rights of the individual in the review of the sentence by the appellate court. I. I. Markhin. Uch. zap. Len. un. no. 202:217-233 '56.

APPENDIX (ANATOMY)--DISEASES
Congenital myxoglobulosis of the large intestine and of the appendix. E. K. Zhukova. Arkh. pat. 18 no. 5:77-81 '56.

APPENDIX (ANATOMY)--SURGERY
Appendix stump inversion in appendectomy. M. IA. Shapkin. Vest. khir. 77 no. 10:103-104 O '56.

APPLE
(see also subdivision under Kuba District)
Use of fertilizers in planting apple trees. E. I. Slesareva. Sad i og. no. 10:52-54 O '56.

APPLE--PRESERVATION
How to pickle apples. A. S. Androsik. Sad i og. no. 10: 27 O '56.

APPLE--VARIETIES
(see also subdivision under Azerbaijan; Russia, Northern; Toropets District; Ukraine)
Apple varieties bred by I. S. Gorshkov. E. A. Lesiuk. Sad i og. no. 10:36-38 O '56.

APPROXIMATE COMPUTATION
One method of approximating functions satisfying the Lipschitz condition by trigonometric polynomials. M. D. Kalashnykov. Dop. AN URSR no. 4:325-328 '56.
Some methods of approximating continuous function of trigonometric polynomials. M. D. Kalashnykov. Dop. AN URSR no. 3:113-119 '56.

APRICOT--VARIETIES
Cheropovets apricot. A. I. Chistiakov. Sad i og. no. 10: 26 O '56.

APSHERON PENINSULA--IODINE
Extraction of iodine from Apsheron brines by means of air desorption. Part 2. Desorption of iodine in acidic and alkaline media performed in a pilot plant. D. I. Zul'fugarly and others. Uch. zap. AGU no. 4:11-20 '55.
Extraction of iodine from Apsheron brines by means of air desorption. Report no. 1: Desorption of iodine in an acidic medium [in Azerbaijani with summary in Russian]. S. D. Guseinov, D. I. Zul'fugarly, M. I. Abdullaeva. Uch. zap. AGU no. 3:17-25 '55.

APSHERON PENINSULA--TOMATOES
Effect of trace elements (boron and manganese) on tomato yields on the Apsheron Peninsula. L. A. Sulakova Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:139-144 '55.

AQUATIC INSECTS see subdivision 'Insects, Aquatic' under Caucasus

AQUATIC PLANTS
(see also subdivision under Zapadnyy Uzboy Valley)
Institute of the Biology of Reservoirs. Vest. AN SSSR 26 no. 11:105-106 N '56.

ARABIC ASTRONOMY see Astronomy, Arabic

ARABIC INSCRIPTIONS see Inscriptions, Arabic

ARABIC LANGUAGE--DIALECTS
TSereteli, G. V. [The Arabic dialects of Central Asia] Arabskie dialekty Srednei Azii. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR.
Vol. 1. [Bukhara Arabic dialect] Bukharskii arabskii dialekt. 1956. 343 p.

ARABIC LITERATURE--HISTORY AND CRITICISM
Krachkovskii, I. IU. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akademii nauk SSSR.
Vol. 2. 1956. 702 p.

ARAGO, DOMINIQUE FRANCOIS JEAN, 1786-1853
Francois Arago's letters to G. V. Orlov. M. V. Budylina. Trudy Inst. ist. est. i tekh. 16:393-398 '56.

ARAKISHVILI, DMITRII IGNAT'EVICH, 1873-1953
Dmitrii Arakishvili; obituary [in Georgian]. G. Chitaia. Trudy Inst. ist. AN Gruz. SSR 1:515-524 '55.

ARARAT REGION--CORN (MAIZE)
Data on corn cultivation in the Ararat Plain [in Armenian with summary in Russian]. A. K. Torchian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:65-69 O '56.

ARARAT REGION--GREEN MANURING
Effectiveness of annual green manure grasses in increasing wheat yields under conditions prevailing in the semidesert zone of the Ararat Lowland. S. A. Sarkisian, Dzh. A. Bukhalbashian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:71-80 O '56.

ARC LAMPS see Electric lamps, Arc

ARC WELDING see Electric welding

ARCHAEOLOGY
(see also subdivision under Caucasus; Kuybyshev Province; Russia, Northern; Saudi Arabia)
Results of the 1955 archaeological expeditions. A. L. Mongait. Vop. ist. no. 8:101-105 Ag '56.

ARCHANGEL PROVINCE--LIBRARIES
Party organizations and libraries. I. TSaregradskii. Part. zhizn' no. 10:58-60 O '56.

ARCHANGEL PROVINCE--REFORESTATION
Furthering natural regeneration of forests in Archangel Province. S. N. Anar'ev. Les. khoz. 9 no. 11:34-36 N '56.

ARCHES
Calculation of deformations in arches subjected to moving loads. B. A. Derevlankin. Trudy Khab. IIT no. 8:104-111 '56.
Effect of delineating the axis of an unarticulated bridge span subject to stress of temporary loading. A. V. Shestakov. Trudy Khab. IIT no. 8:113-120 '56.
Investigation of the problem of thrust in unarticulated slanting arches. G. E. Korotkov. Trudy Khab. IIT no. 9:167-173 '56.

ARCHITECTURAL ACOUSTICS
On new quality rating coefficients used in the acoustics of rooms. E. E. Gelikov. Akust. zhur. 2 no. 3:255-266 Jl-S '56.

ARCHITECTURE
(see also subdivision under Finland; Kharkov)
New stage in the development of Soviet architecture. K. N. Afanas'ev. Soob. Inst. ist. isk. no. 7:5-12 '56.
Present-day task in the history and theory of architecture. Soob. Inst. ist. isk. no. 7:3-7 '56.

ARCHITECTURE--DESIGNS AND PLANS
Brief news. Stroitel' 2 no. 3:31 Ag '56.
Standard planning in Russian architecture. V. I. Pilliavskii. Arkhit. i stroi. Len. no. 3:26-28 S '56.

ARCHITECTURE--DESIGNS AND PLANS--COMPETITIONS
Brief news. Stroitel' 2 no. 3:20 Mr '56.

ARCHITECTURE, DOMESTIC
Private building of dwellings. P. S. Tarasov. Stroitel' 2 no. 3:19-20 Mr '56.

ARCHITECTURE, TURKMEN
Basic features of the medieval architectural legacy of southern Turkmenistan (6th-15th centuries). O. A. Pugachenkova. Izv. AN Turk. SSR no. 3:5-14 '56.

ARCHIVES
(see also subdivision under Erivan)
Brief news items. Vop. ist. no. 10:168 O '56.
Kuzin, A. A. [Technical archives; a manual] Tekhnicheskie arkhivy; uchebnoe posobie. Pod red. K. G. Mitiaeva. Moskva, Moskovskii gosudarstvennyi istoriko-arkhivnyi institut, 1956. 252 p. (Uchebnye posobiia po arkhivovedeniiu)

ARCHIVES (Continued)

Shebukhov, M.N. [Descriptive cataloging of documentary materials in archives of prerevolutionary Russia] Opisanie dokumental'nykh materialov v arkhivakh dorevoliutsionnoi Rossii. Moskva, Moskovskii gos. istoriko-arkhivnyi institut, 1956. 67 p.

ARCTIC REGIONS

After the flight to "North Pole 6." Ot. Less. Ukraina. no. 22;25 N '56.

Gal'perin, IUrii. [Northern lights; a journalist's notebook] Polliarnye zori; zapiski zhurnalista. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 125 p.

ARCTIC REGIONS—GEOLOGY

On the northward extension of the Urals. V. I. Ustritskii. Dokl. AN SSSR 110 no. 3:437-439 S '56.

ARGENTINA—SHEEP

Sheep breeding in Argentina. A. Volkov, IU. Ellutin. Ovtsevodstvo no. 11:43-45 N '56.

ARGENTINA—STOCK AND STOCKBREEDING

Productive animal husbandry in Argentina. A. D. Khmelev. Zhivotnovodstvo 18 no. 11:74-80 N '56.

ARGON

Temperature dependence of the viscosity of liquid argon. N. F. Zhdanova. Zhur. eksp. i teor. fiz. 31 no. 4:724-725 O '56.

ARGON—SPECTRA

Absorption spectrum of liquid oxygen in mixtures with argon and krypton (11,000 - 3300 Å). V. I. Dianov-Klokov. Opt. i spektr. 1 no. 7:862-866 N '56.

Optical study of high-voltage d. c. arcs in argon atmospheres. V. N. Kolesnikov, V. V. Bogdanova. Opt. i spektr. 1 no. 7:846-856 N '56.

ARIANISM see subdivision under Poland

ARITHMETIC, COMMERCIAL

Petropavlovskii, A. N. [A collection of problems and exercises for the "Commercial arithmetic" course; for the preparation of accountants and bookkeepers of industrial enterprises] Sbornik zadach i uprazhnenii po kursu "Khozialstvennye vychislenia"; dlia kursov podgotovki schetovodov i bukhgalterov promyshlennykh predpriiatii. Pod red. P. F. Andreeva. Moskva, Gos. statisticheskoe izd-vo, 1956. 75 p.

ARM—DISEASES

Surgical treatment of permanent paralysis of the upper extremities. A. U. Lipman Kessel'. Ortop., travm. i protez. no. 5:39-42 S-O '55.

ARMATURES

Mechanization and automation of the varnish insulation section in the line for continuous manufacturing of armatures for direct-current machines. N. IA. Polisskii and others. Vest. elektroprom. 27 no. 11:5-14 N '56.

ARMENIA—BOTANY

[Flora of Armenia] Flora Armenii. Erevan, Izd-vo Akademii nauk Armianskoi SSR.
Vol. 2. Portulacaceae-Plumbaginaceae. Pod red. A. L. Shakhtadzhiana, 1956. 519 p.

ARMENIA—CITIES AND TOWNS, EXTINCT, RUINED, ETC.

Art of city building in ancient Armenia. V. Arutiunian. Izv. AN Arm. SSR. Obshchestv. nauki no. 10:75-89 O '56.

ARMENIA—CORN (MAIZE)—VARIETIES

Corn variety tests in Armenia. G. K. Grigorian, G. O. Melkumian, A. K. Markarian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:53-64 O '56.

"Trade and cities of Armenia viewed in connection with ancient world trade (5th century B. C. to the 15th century A. D.)" [with English summary in insert] by IA. A. Manandian. Reviewed by K. Z. Ashrafian. Sov. vostokoved. no. 5:133-136 '56.

ARMENIA—INDUSTRIALIZATION

Allakhverdian, G. O., and S. I. Khrimian. [The development of heavy industry in Armenia] Razvitie tiazheloi promyshlennosti Armianskoi SSR. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 77 p.

ARMENIA—LEAF ROLLERS

Leaf roller (Recurvaria nanella Hb.) in the Armenian S. S. R. and its control. A. O. Arakelian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:93-102 O '56.

ARMENIA—PHYSICAL THERAPY

Conference of Armenian Physiotherapeutists. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:122-123 O-D '56.

ARMENIA—SHEEP BREEDS

Raising medium-wool sheep in the Armenian S. S. R. A. A. Rukhkian. Ovtsevodstvo no. 10:13-15 O '56.

ARMENIAN LITERATURE—HISTORY AND CRITICISM

Sar'ian, S. M. [Postwar Soviet Armenian literature (1945-1955)] Poslevoennaia armianskaia sovetskaia literatura (1945-1955). Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1956. 200 p.

ARMS AND ARMOR, ITALIAN

Two outstanding works by Italian armor craftsmen of the 16th century in the Hermitage collection. L. I. Tarasiuk. Trudy Gos. erm. 1:60-72 '56.

AROMATIC COMPOUNDS

Effect of solvents on the phosphorescence of aromatic compounds at low temperatures. P. A. Teplitskov. Opt. i spektr. 1 no. 7:896-900 N '56.

Vdovisova, E. S. [Radical and ionic alkylation of aromatic compounds] Radikal'nyi i ionnyi mekhanizmy reaktsii alkilirovaniia aromaticheskikh soedinenii. Erevan, Izd-vo Erevanskogo universiteta, 1953. 92 p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 43. Khimicheskie nauki, no. 6)

AROMATIC COMPOUNDS—SPECTRA

Effect of helium on the spectral intensity of the vapors of complex aromatic compounds. B. S. Neporent, A. A. Solodovnikov. Opt. i spektr. 1 no. 7:951-952 N '56.

ARSEN'EV, VLADIMIR KLAVDIEVICH, 1872-1930

Writer, traveller, and scientist. V. Pelevin. Znan. sila 31 no. 11:21-23 N '56.

ARSENIC

Is arsenolamprite a mineral existing as a second variety of arsenic? K. Padera, E. Fisera. Min. sbor. no. 10:160-164 '56.

Residual quantities of arsenic in vegetable food products from substances exposed to insecticides containing arsenic. M. I. Krylova. Vop. pit. 15 no. 6:39-42 N-D '56.

ARSENIC-THALLIUM-ANTIMONY ALLOYS see Thallium-antimony-arsenic alloys

ARSENIDES

Crystallochemical principles of the systematics of sulfides and arsenides. G. B. Bokii. Uch. zap. Mosk. un. no. 170:233-240 '56.

ARSENOLAMPRITE

Is a arsenolamprite a mineral existing as a second variety of arsenic? K. Padera, E. Fisera. Min. sbor. no. 10:160-164 '56.

ART

Akademiia khudozhestv, Leningrad. Sessiia 5th, 1953. [Report on the work of the Academy of Arts of the U. S. S. R. for 1950-1952; discussions and decisions] Otchetnyi doklad o rabote Akademii khudozhestv SSSR za 1950-1952 gg.; prenia i postanovlenia 24-27 aprelia. [Moskva] Gos. izd-vo "Iskusstvo," 1953. 113 p. (Sessii Akademii khudozhestv SSSR)

ART—BIBLIOGRAPHY see Bibliography—Art

ART—CATALOGS

[Chronicle of fine arts.] Letopis' izobrazitel'nogo iskusstva no. 4 '56.

ART—EXHIBITIONS see subdivision under Moscow

ART—GALLERIES AND MUSEUMS see subdivision under Leningrad

ART, CHINESE—EXHIBITION see subdivision under Alma-Ata

ART, FRENCH—EXHIBITIONS see subdivision under Moscow

ART, UKRAINIAN—STUDY AND TEACHING

Program for the history of Ukrainian art. B. Pianida. Mystetstvo no. 5:46 S-O '56.

ART, UZBEK

National characteristics in the fine arts. L. Rempel'. Zvezda Vost. 24 no. 9:116-126 S '56.

ART, WHITE RUSSIAN

White Russian art in the 1920's and its [illegible] porary Soviet life. M. Kulikovich. [illegible] 5:124-143 '56.

ART INDUSTRIES

Attention and help to folk artists. A. [illegible] koop. no. 11:15-16 N '56.

Do not forget customers. M. Utkin. [illegible] 18-19 N '56.

ART SCHOOLS see subdivision under Moscow

ARTEMISIA

Effect of food stocks of Rhombomys opimus [illegible] population density and distribution of [illegible] burrows [with English summary in insert] [illegible] Zool. zhur. 35 no. 9:1406-1409 S '56.

ARTEMOVSK—EDUCATION, PRESCHOOL

Why did I start to like teaching. N. Levina [illegible] 17 no. 11;29-33 N '56.

ARTERIES—DISEASES

Choice of the level of amputation in endarteritis [illegible] ans and arteriosclerosis. M. D. Rutenburg [illegible] travm. i protez. 17 no. 1;61-62 Ja-F '56.

Some problems in the clinical aspects of endarteritis obliterans and its treatment at the South Moravian resort. K. F. Kanareikin, K. IU. Turgel' [illegible] fizioter. i lech. fiz. kul't. 21 no. 4;64-69 [illegible]

Treating endarteritis obliterans by an ultrahigh [illegible] electric field and radon baths in a polyethylene [illegible] Isaev. Vop. kur. fizioter. i lech. fiz. kul't. 21 [illegible] 82 O-D '56.

ARTESIAN WELLS

(see also subdivision under Russian Platform)

Letters from readers. Sel'. stroi. 11 [illegible] '56.

Settling tanks are unnecessary for building [illegible] wells. V. I. Blazhkov. Razved. i okh. [illegible] 53 S-O '55.

ARTESIAN WELLS—EQUIPMENT AND SUPPLIES

Equipping rotary drilled artesian wells with [illegible] filters. B. V. Mavritskii. Razved. i okh. [illegible] no. 2;45-48 Mr-Ap '55.

ARTHRITIS

Effect of ACTH of cortisone on serous membranes of the joints and on their neural apparatus in experimental allergic arthritis. E. V. Stroganova. [illegible] gorm. 2 no. 5;32-43 S-O '56.

ARTI DISTRICT—STOCK AND STOCKBREEDING [illegible] AND TEACHING

Student practical work on stockbreeding farms [illegible] Nar. obr. no. 11;60-61 N '56.

ARTIFICIAL INSEMINATION

Improving catheter-type syringes for artificial insemination. V. B. Doroshkov. Sots. tvar. 28 [illegible] N '56.

Organizing artificial insemination of ewes. I. P. Drushlinkov, V. V. Snegovoi. Sovkhoz. proizv. [illegible] 50-52 O '56.

ARTIFICIAL INSEMINATION—STUDY AND TEACHING

Practical training of specialists. P. M. Pe[illegible] Ovtsevodstvo no. 11;15-19 N '56.

ARTIFICIAL KIDNEYS see Kidneys, Artificial

ARTIFICIAL LIMBS

Artificial arms and hands. O. S. Dobrova. [illegible] travm. i protez. 17 no. 1;35-38 Ja-F '56.

Compensation adaptability of the disabled when using a shoulder prosthesis. Z. V. Apshtein, N. G. [illegible] Ortop., travm. i protez. 17 no. 2;50-60 Mr-Ap '56.

Compound prosthesis in a case of bilateral [illegible] amputation in a child. V. IA. Vilenskii. Ortop., travm. i protez. 17 no. 2;53-54 Mr-Ap '56.

Forearm prosthesis for children. L. E. Rukhman, L. A. Kostyleva, F. S. Vorontsov. Ortop., travm. i protez. 17 no. 2;46-49 Mr-Ap '56.

Improved shoulder prosthesis. F. S. Vorontsov, M. S. Pevzner. Ortop., travm. i protez. 17 [illegible] Ja-F '56.

Measuring the piston-like movements of a [illegible] prosthesis. T. S. Vinogradova, I. D. Skiller. Ortop., travm. i protez. 17 no. 2;60 Mr-Ap '56.

Pediatric prostheses following bilateral hip amputation. G. L. Besiadovskaia. Ortop., travm. i protez. 17 no. 2;28-30 Mr-Ap '56.

Workable prosthesis of the shoulder after bilateral amputation. E. D. Ivanenkova. Ortop., travm. i protez. 17 no. 1;47 Ja-F '56.

ARTIFICIAL SATELLITES

Artificial earth satellite. V. Dobronravov. Kryl. rod. 7 no. 8;10-22 Ag '56.

ARTILLERY DRILL AND TACTICS

Russia (1923- U.S.S.R.) Ministerstvo oborony. Soviet army artillery instructions; firing rules for land artillery batteries] Nastavlenie artillerii Sovetskoi armii; pravila strel'by batarei nazemnoi artillerii. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 264 p.

[MICROFILM]

ARTILLERY DRILL AND TACTICS (Continued)
Young Communist League team. I. Shvchenko. Sov. voin. 36 no. 16:32-33 Ag '56.

ARYAN LANGUAGES
Akademiia nauk SSSR. Institut iazykoznaniia. [Problems of method in studying the comparative history of Indo-European languages] Voprosy metodiki sravnitel'no-istoricheskogo izucheniia indoevropeiskikh iazykov. Moskva, 1956. 331 p.

ARZHANOV, A.
A. Arzhanov an Rudantsev. Teatr. 17 no. 11:162-163 N '56.

ASBESTOS CEMENT
Borodin, I. V. [Use of asbestos-cement piping in the construction of gas mains] Primenenie asbestotsementnykh trub pri sooruzhenii gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1951. 247 p. [MICROFILM]

Shaped sections for asbestos-cement corrugated sheets of reinforced design (VU). S. S. Pen. Sbornik. prom. 34 no. 10:38-40 O '56.

ASCARIDS AND ASCARIASIS
Pormacerosin in ducks and the biological peculiarities and its cumulative agent. A. A. Mozgovoi. Sbor. trud. Kharʹ. vet. inst. 22:316-320 '54.

Sodium fluoride and sodium fluosilicate as anthelmintics in ascaridiasis in dogs. G. P. Adamets. Sbor. trud. Kharʹ. vet. inst. 21:304-309 '56.

Tansy for treating parascariasis in foals and ascariasis in dogs. E. N. Karamysheva. Veterinariia 33 no. 12: 29-30 D '56.

ASCITES
Etiology and pathogenesis of toxic hepatitis with ascites. M. N. Khanin. Arkh. pat. 18 no. 6:35-43 '56.

ASCORBIC ACID
Dynamics of vitamin C in cumulation in alfalfa during different phases of vegetation. I. A. Dymarskii. Sbor. trud. Kharʹ. vet. inst. 21:100-102 '56.

Role of vitamin C in the mechanism of the reactive inhibition of cell division observed in animals subjected to pain stimuli. G. S. Strelin, L. V. Suvorova. Dokl. AN SSSR 110 no. 3:483-486 F '56.

Spectrophotometric method of determining small quantities of ascorbic acid in aqueous solutions. M. L. Tsap. Biokhimiia 21 no. 5:534-537 S-O '56.

Tissue ascorbic acid content in wound healing; histochemical investigations. S. S. Kanabrian. Arkh. pat. 18 no. 5:91-93 '56.

Vitamin C and its role in clinical and preventive medicine. A. IA. Markov. Fel'd i akush. 21 no. 11: 18-19 N '56.

Vitamin C content of alfalfa hay. I. A. Dymarskii. Sbor. trud. Kharʹ. vet. inst. 21:183-187 '56.

ASHKHABAD—DESCRIPTION
Blooming Ashkhabad. A. Mukhamin. Sots. Uz. 15 no. 11: 19 N '56.

Second birth of Ashkhabad. S. Murzaev. Ogonek 34 no. 45:18-19 N '56.

ASHKHABAD—FLIES
Description of species of flies in Ashkhabad. V. P. Narusova. Izv. AN Turk. SSR no. 4:79-83 '56.

ASHKHABAD—SCHOOLHOUSES—HEATING AND VENTILATION
Air cycle in classrooms of Ashkhabad schools. Kh. I. Kurliev. Izv. AN Turk. SSR no. 4:85-88 '56.

ASHKHABAD—SUN BATHS
Sun baths. S. Mesiatsev. Ogonek 34 no. 46:7 N '56.

ASHRAFI, MIKHTAR
Mukhtar Ashrafi, People's Artist of the U. S. S. R. Dm. Polinin. Sots. Uz. 15 no. 11:30 N '56.

ASIA—DESCRIPTION AND TRAVEL
Krasnov, A. N. [In Asia's tropics] Pod tropikami Azii. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 363 p.

ASIA—INULA
Some Inula species of Central Asia and India. V. P. Bochantsev, S. IU. Ligachis. Bot. zhur. 41 no. 8:1166-1171 Ag '56.

ASIA, SOUTHEASTERN—HISTORY
"Southeast Asia" [in English] by Brian Harrison. Reviewed by B. A. Shabad. Vop. ist. no. 8:187 Ag '56.

ASIA, SOUTHEASTERN—MINES AND MINERAL RESOURCES
Markova, E. I., and E. V. Orlova. [Mineral resources of Indonesia, Malaya, and Thailand] Mineral'nye resursy Indonezii, Malaii i Tailanda. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 105 p.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASLANOV, AGAIAR
Hero of labor and expert in combat training. P. Fedoseev. Sov. voin. 36 no. 15:9 Ag '56.

ASPHYXIA
Effect of asphyxia and decompensation on spinal reflexes. A. M. Bentelev. Fiziol. zhur. 42 no. 10:949-952 O '56.

ASPIDOCEPHALI see subdivision under Taskan Valley

ASPIRIN—DRYING
Drying aspirin on drum-dryers. M. I. Kagan, A. I. Eremin. Med. prom. no. 4:13-16 O-D '55.

ASSEMBLY-LINE METHODS
Designing automatic production lines for the bearing industry. S. N. Vlasov. Stan. i instr. 27 no. 10:19-21 O '56.

ASSYRIA—LEGAL DOCUMENTS
New philological interpretation of a middle Assyrian legal document. L. A. Lipin. Epig. Vost. no. 11:76-79 '56.

ASTEROIDS see Planets, Minor

ASTRAKHAN—DESCRIPTION
Shaposhnikov, A. S. [Astrakhan; a geographical sketch] Astrakhanʹ; geograficheskii ocherk. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 95 p.

ASTRAKHAN—MOTION PICTURES, MUSICAL
Lectures on musical motion pictures in Astrakhan. Isk. kino no. 10:121 O '56.

ASTRONOMICAL CLOCKS
All-Union conference of time services. D. D. Belotserkovskii. Astron. zhur. 33 no. 5:778 S-O '56.

Calculating the corrections of the clocks. G. P. Pilʹnik. Astron. zhur. 33 no. 5:761-768 S-O '56.

ASTRONOMICAL INSTRUMENTS
"Scales of measuring instruments and visual aids for teaching mathematics in high schools." P. A. Karasev, P. I. Popov. Reviewed by M. E. Nabokov. Fiz. v shkole 16 no. 6:81-82 N-D '56.

ASTRONOMICAL OBSERVATORIES see subdivision under Leningrad; also Kiev Astronomical Observatory

ASTRONOMICAL PHOTOGRAPHY
Using television techniques at Pulkovo Observatory for magnifying the luminosity for observations of astronomical objects. Astron. tsir. no. 171:12-13 Jl '56.

ASTRONOMICAL PHOTOMETRY see Photometry, Astronomical

ASTRONOMY
(see also subdivision under Kiev)
Expanding the boundaries of our knowledge. Tekh. mol. 24 no. 11:8-11 N '56.

ASTRONOMY—ABSTRACTS
Bugoslavskaia, N. IA. [Lectures for a general course in astronomy, delivered in course 1 of the Department of Geography (abstracts)] Lektsii po obshchemu kursu astronomii chitannye na 1-m kurse geograficheskogo fakulʹteta (konspekty). Pod obshchei red. P. I. Popova. Moskva, Izd. MGPI im. V. I. Lenina, 1956. 115 p.

ASTRONOMY—BIBLIOGRAPHY see Bibliography—Astronomy

ASTRONOMY—CHARTS, DIAGRAMS, ETC.
Graphic astronomical calendar for 1957. M. E. Nabokov. Fiz. v shkole 16 no. 6:89-91 N-D '56.

ASTRONOMY—CONGRESSES see subdivision under Pulkovo

ASTRONOMY—EPHEMERIDES see Ephemerides

ASTRONOMY—HISTORY see subdivision under Kazan; Kiev; Lithuania

ASTRONOMY—HISTORY—BIBLIOGRAPHY see Bibliography—Astronomy—History

ASTRONOMY—PERIODICALS—INDEXES
Index of articles and authors published in the "Biulleten'" of the Abastumani Astrophysical Observatory, nos. 1-20 (1937-1956). Biul. Abast. astrofiz. observ. no. 20:167-172 '56.

ASTRONOMY—STUDY AND TEACHING—HISTORY
Outline history of the teaching of astronomy in secondary schools in Russia and the U. S. S. R. M. E. Nabokov, Ist. -astron. issl. no. 1:213-252 '55.

ASTRONOMY, ARABIC
Compilation of tables of the planets at Samarkand Observatory. G. D. Dzaliashvili. Ist. -astron. issl. no. 1: 101-118 '55.

Difference between the "Guragon(" table and other similar tables. G. D. Dzaliashvili. Ist. -astron. issl. no. 1:88-100 '55.

ASTROPHYSICS—CONGRESSES see subdivision under Liege

ASWAN DAM
Dam five kilometers long. Znan. sila 31 no. 11:32 N '56.

ATABRINE see Quinacrine

ATHLETES
A word to Olympic athletes. Vozhatyi 32 no. 11:23-25 N '56.

ATHLETES, WOMEN see Women as athletes

ATHLETIC FIELDS
Sports facilities on collective farms. V. A. Nekrasov. Kolkh. Bel. 4 no. 8:31 Ag '56.

ATHLETICS see Sports

ATLANTIC OCEAN—HERRING FISHERIES
New system of organizing fishing in the North Atlantic. IU. Dmitriev, I. Akhlyanov. Ryb. khoz. 32 no. 11:17-19 N '56.

Observance of the Rules of the Road by ships of the North Atlantic herring expedition. S. N. Kovalenko. Ryb. khoz. 32 no. 11:62 N '56.

ATMOSPHERE
Long-range transformations of forms of atmospheric circulation and changes in solar activity. A. A. Gira. Meteor. i gidrol. no. 10:3-13 O '56.

Periodicity in changes of optical characteristics of the earth's atmosphere. A. P. Kutyreva. Trudy Sekt. astrofiz. AN Kazakh. SSR 3:249-258 '55.

Vertical movements in regions of moving fronts. A. F. Dubiuk. Izv. AN SSSR. Ser. geofiz. no. 9:1091-1098 S '56.

"The upper atmosphere" by S. K. Mitra. Reviewed by A. Kh. Khrgian. Meteor. i gidrol. no. 10:64-67 O '56.

ATMOSPHERE, UPPER
Variations of intensity of nocturnal sky luminosity in the near infrared region. L. M. Fishkova. Biul. Abast. astrofiz. observ. no. 19:3-23 '55

ATMOSPHERIC ELECTRICITY
Instrument for prolonged measurement of the intensity of an atmospheric electrical field in complex meteorological conditions. I. M. Imianitov and others. Izv. AN SSSR. Ser. geofiz. no. 9:1121-1127 S '56.

Nasilov, D. N. [Radiometeorology; radio methods in meteorology] Radiometeorologiia; radiometody v meteorologii. Pod red. A. Kh. Khrgiana. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 215 p.

ATMOSPHERIC PRESSURE
Shift of pressure formations on the earth's surface. A. N. Martsalov. Meteor. i gidrol. no. 10:14-20 O '56.

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT
Effect of moderate lowering of partial oxygen pressure on human respiration during muscular work. M. E. Marshak, T. A. Maeva. Vop. kur. fizioter. i fiziche. fiz. kulʹt. 21 no. 4:70-76 O-D '56.

ATMOSPHERIC TEMPERATURE
Changes in atmospheric temperature in time under the influence of turbulent agitation and radiation heat exchange. M. S. Malkevich. Trudy Geofiz. inst. no. 37:102-119 '56.

Cooling of the atmosphere under the influence of radiation heat exchange. M. S. Malkevich. Trudy Geofiz. inst. no. 37:89-101 '56.

Effect of clouds on thermal conditions of the atmosphere. E. M. Feigelʹson. Trudy Geofiz. inst. no. 37:62-88 '56.

Method for calculating the advective influx of heat. S. IA. Kogan. Trudy Geofiz. inst. no. 37:132-157 '56.

Variability of mean monthly temperatures in northern Eurasia. N. A. Bagrov, T. A. Shabunina. Trudy TSIP no. 46:53-63 '56.

ATMOSPHERIC TURBULENCE
Changes in atmospheric temperature in time under the influence of turbulent agitation and radiation heat exchange. M. S. Malkevich. Trudy Geofiz. inst. no. 37:102-119 '56.

Estimating atmospheric turbulency on the basis of the intensity of bumping in high-speed airplanes. N. Z. Pinus. Meteor. i gidrol. no. 10:33-37 O '56.

ATOMIC BOMB—SAFETY MEASURES
Gvozdev, M. M., and V. A. IAkovkin. [Atomic weapons and atomic defense] Atomnoe oruzhie i protivoatomnaia zashchita. Moskva, Izd-vo DOSAAF, 1956. 172 p. [MICROFILM]

ATOMIC BOMB—TESTING see subdivision under United States

ATOMIC ENERGY
Physical and technical principles of atomic power (lecture given at the session of the Ukrainian Academy of Sciences). D. I. Blokhintsev. Ukr. fiz. zhur. 1 no. 3: 209-225 Jl-S '56.

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC ENERGY—CONGRESSES see subdivision under Washington

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER
(see also subdivision under Brazil; United States)
Atomic energy in the service of the people. D. Mishin. Mezhdunar. zhizn' no. 10:35-41 O '56.
Balabanov, E.M. [A sun on earth; what atomic power is and how it serves man] Solntse na Zemle; chto takoe atomnaia energiia i kak ona sluzhit liudiam. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 292 p.
Lebedev, I. V. [Atomic energy for the good of the people] Atomnuiu energiiu - na blago naroda. Moskva, Gos. izd-vo polit. lit-ry, 1956. 76 p.
Voskoboinik, D.I. [Nuclear energy] IAdernaia energetika. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 168 p.

ATOMIC POWER—INTERNATIONAL CONTROL
Correspondence between the U.S.S.R. and the U.S. on the atomic problem. Mezhdunar. zhizn' no. 10:129-148 O '56.
For the abolition of nuclear weapon tests. Mezhdunar. zhizn' no. 11:109-110 N '56.

ATOMIC POWER—PERIODICALS
Atomic power in the cause of peace. A. V. Pataleev. Dal'. Vost. no. 5:183-186 S-O '56.

ATOMIC THEORY
Lupanov, P.A. [Modern atomic theory as a basis for elaborating chemistry courses in secondary schools] Sovremennaia teoriia atoma kak osnova postroeniia kursa khimii v srednei shkole. Petrozavodsk, Izd. Karelo-Finskogo Gos. Univ. 1949. 216 p. (Petrozavodsk. Universitet. Trudy Karelo-finskogo gosudarstvennogo universiteta, vol. 3)

ATOMIC THEORY—HISTORY
Development of atomic theory in the works of Russian chemists of the first half of the 19th century. N. A. Figurovskii, V. I. Kurinnoi. Trudy Inst. ist. est. i tekh. 12:12-21 '56.

ATOMIC WARFARE
Arkhipov, M.P. [Working principle of atomic weapons and protection against the atomic bomb] Osnovy ustroistva atomnogo oruzhiia i protivoatomnaia zashchita. Pod red. G.I.Pokrovskogo. Moskva, Izd-vo DOSAAF, 1956. 84 p.

ATOMIC WEAPONS
Gvozdev, M.M., and V.A. IAkovkin. [Atomic weapons and atomic defense] Atomnoe oruzhie i protivoatomnaia zashchita. Moskva, Izd-vo DOSAAF, 1956. 172 p. [MICROFILM]

ATROPHY
Essential atrophy of the iris and glaucoma. V. I. Vedeneeva. Vest. oft. 69 no. 5:86-87 S-O '56.

ATTEMPT, CRIMINAL see Criminal attempt

ATTENTION
Games to develop attention. E. Gel'fan. Sem'ia i shkola 11 no. 12:6-7 D '56.

AUDITING
Isn't there too much auditing? I. Fursov. Den. i kred. 14 no. 11:42-43 N '56.

AUJESKY'S DISEASE see Pseudorabies

AURORAS—SPECTRA
Observation of the auroral spectrum near Moscow. A. V. Mironov, N. N. Shefov. Astron. zhur. 33 no. 5: 715-716 S-O '56.

AUSTRALIA—COMMERCE
[illegible]

Automatic control of superheated steam temperature in TP-150 boilers. M. A. Duel'. Teploenergetika 3 no. 11: 30-37 N '56.
Automatic control of the process of the heat and steam treatment in autoclaves. N. S. Volosov, B. A. Matorov, I. M. Rozhavskii. Stroi. pred. neft. prom. 1 no. 8:8-10 O '56.
Automatic control of water heating in the chemical section of thermopower plants. N. A. Utkin. Energetik 4 no. 11:24-25 N '56.
Automatic equipment in agriculture. P. N. Listov, B. A. Runov. Izv. TSKhA no. 2:223-230 '56.
Automatic feed regulator for ball mills. D. A. Lipman, R. I. Mazo. Stek. i ker. 13 no. 10:14-16 O '56.
Automatic operation of ventilation and humidification units. A. A. Dylevskii. Tekst. prom. 16 no. 9:40-45 S '56.
Automatic regulating device. V. V. Omichkin. Tekst. prom. 16 no. 11:57-58 N '56.
Automatization of blast and open-hearth furnaces. A. K. Adabash'ian, V. IU. Kaganov. Priborostroenie no. 10:6-8 O '56.
Branch conferences on the automatization of production processes. Priborostroenie no. 10:23-26 O '56.
Complete automatic control of the AF-18 electric separator unit. A. V. Petrenko, I. I. TSelikovskii. Energetik 4 no. 11:25-26 N '56.
"Dynamics of two-position control." A. A. Kampe-Nemm. Reviewed by L. A. Al'pin. Teploenergetika 3 no. 11:63-64 N '56.
Gidon, L.M. [Steam engine regulating equipment] Regulirovanie lokomobil'nykh ustanovok. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 229 p.
In the Ministry of Higher Education. Vest. vys. shkoly 14 no. 11:56 N '56.
Katsenelinbolgen, A.I. [Automatization of production processes and problems in work organization; changes in the division of labor and the qualifications of workers under conditions of the automatization of metalworking processes] Avtomatizatsiia proizvodstvennykh protsessov i voprosy organizatsii truda; izmeneniia v razdelenii truda i kvalifikatsii rabochikh pri avtomatizatsii protsessov metalloobrabotki. Pod red. K. I. Klimenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 141 p.
Maizel', M.M. [Principles of automatic and remote control] Osnovy avtomatiki i telemekhaniki. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshlennosti SSSR, 1956. 402 p.
Make-up of a multiple-element diagram of an electric drive operating in an automatic cycle. A. M. Razygraev. Elektrichestvo, no. 11:15-20 N '56.
Mechanization and automation in manufacturing electric motors at the "Vol'ta" Plant. A. I. Frishman, M. V. Prokhorov. Vest. elektroprom. 27 no. 11:17-21 N '56.
Mechanization and automation of the varnish insulation section in the line for continuous manufacturing of armatures for direct-current machines. N. IA. Polishkii and others. Vest. elektroprom. 27 no. 11:5-14 N '56.
Mono-cable carriers with automatic unloading. G. I. Pantsulai. Gor. zhur. no. 10:61 O '56.
New automatic control to limit the speed of hoisting machines. E. B. Antipin, N. I. Esenin. Gor. zhur. no. 10:61-63 O '56.
Obukhov, V. M., and A. S. Makhnovetskii. [Automatization and heat control in glass production; work practice of the Dzerzhinskii glass factory] Avtomatizatsiia i teplovoi kontrol' v proizvodstve stekla; iz opyta raboty Gusevskogo stekol'nogo zavoda imeni Dzerzhinskogo. [illegible] izd-vo lit-ry po stroit. materialam, [illegible] v promyshlennosti stroitel'nykh

[illegible]tic lines or unemployed? Charlie [illegible] no. 10:2-4 '56.
[illegible]ion of steam electric power plants. [illegible] A. Vekslor, A. L. Epshtein. Pri[illegible]1-5 O '56.
[illegible]ply of appliances for measurement [illegible] automatization of the medical [illegible]leshek, V. V. Kuragin. Med. prom. [illegible]5.
[illegible]n used in the automatic control and [illegible]omposition. S. I. Rempel', R. B. Po[illegible]20 no. 10:47-54 O '56.
[illegible]e development of automatization in [illegible]. Benesh. Avtom. i telem. 17 [illegible]'56.
[illegible]matizatsii proizvodstvennykh pro[illegible]khoziaistvo, 1954. [Automatization [illegible]ref papers delivered at the con[illegible]26 - December 2, 1954] Avtoma[illegible]vennykh protsessov v sel'skom [illegible]aly soveshchaniia, 26 noiabria - [illegible], Izd-vo Akademii nauk SSSR, [illegible]
[illegible] control systems with one control [illegible]hin. Avtom. i telem. 17 no. 11: [illegible]
[illegible] with water as the working medium, [illegible]trakoslanta, D. M. Levin. Tepio[illegible]:25-26 D '56.

Systems for automatic control of [illegible] use of oxygen meters. V. D. Mi[illegible] 3 no. 11:35-39 N '56.
Systems of three-position temper[illegible]lations employing electric heating. [illegible] Vest. elektroprom. 27 no. [illegible]
Theory of an oil-operated "nozzle [illegible] control device [with English summa[illegible] A. G. Shashkov. Avtom. i telem. [illegible] 1049 N '56.
Training specialists in the automatic [illegible]ent production. M. A. Glinkov, V. [illegible] vys. shkoly 14 no. 11:5-8 N '56.
Transformation of equations relat[illegible] systems. R. A. Spunkit. [illegible] 125:217-231 '56.
Use of computers in automatic [illegible] English summary in insert]. A. A. [illegible] Avtom. i telem. 17 no. 11:1045 [illegible]
Vladzievskii, A. P. [Problems in the [illegible]ning of automatic lines of machines] Voprosy [illegible] ekspluatatsii i proektirovaniia avtomaticheskikh linii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1953. 103 p.

AUTOMATION
(see also subdivision under Chemical [illegible])
Automation in a new and bold stage [illegible] Hincker. V zashch. mira no. 5 [illegible]
From robot foreman to automatic [illegible] Verdier. V zashch. mira no. 5[illegible]
Scientific problems in the automation [illegible] session of the Academy of Sciences [illegible] Vest. AN SSSR 26 no. 11:10-15 [illegible]

AUTOMOBILE DRIVERS
(see also subdivision under Chauffeurs)
Good equipment for student classes [illegible] quality training. G. Afanas'ev. [illegible] no. 10:28-29 O '56.
Improve driver training. G. Gavr[illegible] transp. 34 no. 10:37-38 O '56.
Master drivers of heavy "truck trailer [illegible] no. 11:16 N '56.
Regularized teaching of driving [illegible] chenok. Avt. transp. 34 no. 10:[illegible]

AUTOMOBILE RACING
The Moscow-Minsk-Moscow [illegible] Avt. transp. 34 no. 10:30 O '56.

AUTOMOBILE TRUCKS see Motortrucks

AUTOMOBILES
Cross-country automobiles. A. Bo[illegible] 34 no. 10:12 N '56.
Gol'd, B. V. [Automobile designing. [illegible] parameters] Proektirovanie avtomobilei [illegible] nykh parametrov. Pod red. A. A. Lipgart. [illegible] Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 355 p.
[Touring by automobile and motorcycle; a [illegible] manual] Avtomobil'nyi i motot[illegible] turista. Moskva, Gos. izd-vo "Fiz[illegible] 1956. 271 p.

AUTOMOBILES—APPARATUS AND SUPPLIES
Handy device. Sov. Soiuz no. 12:32 D '56.

AUTOMOBILES—AXLES
Restoration of front axle knuckles [illegible] mobiles. Sh. A. Levyin'kyi. Mekh. sil'. hosp. [illegible] no. 10:18-19 O '56.

AUTOMOBILES—BATTERIES
Device for carrying storage batteries. [illegible] Avt. transp. 34 no. 11:33 N '56.
Prolonging the life of storage batteries. [illegible] Avt. transp. 34 no. 11:35 N '56.

AUTOMOBILES—COLD WEATHER OPERATION
Ensure steady operation of automobiles [illegible] Lamash. Mekh. sil'. hosp. 7 no. [illegible]

AUTOMOBILES—CONGRESSES see [illegible] Rome; St. Louis

AUTOMOBILES—ELECTRIC EQUIPMENT
Special problems in operating GBF-[illegible] generators. N. Khlaxev. MTS 18 no. [illegible]

AUTOMOBILES—ENGINES
Device for simultaneous boring of [illegible] the GAZ-51 and M-20 engines. L. Pyt[illegible] transp. 34 no. 11:29-30 N '56.

AUTOMOBILES—ENGINES—CARBURETORS
Mechanical device for inspecting at [illegible] K-80 and K-81 carburetors. A. [illegible] transp. 34 no. 10:33 O '56.

AUTOMOBILES—FUEL CONSUMPTION
Effect of smoothness of road pavement [illegible] sumption and automobile speed. N. [illegible] ko. Avt. dor. 19 no. 10:30-31 O '56.

AUTOMOBILES—IGNITION
Stand for testing ignition devices. IU. Kashirkin, A. Kuchin, A. Serov. Avt. transp. 34 no. 11:32-33 N '56.

AUTOMOBILES—LAWS AND REGULATIONS
Regularized teaching of driving regulations. N. Volchenok. Avt. transp. 34 no. 10:29 O '56.

AUTOMOBILES—LUBRICATION
Oil dispensers with batching device. IA. Gel'man. Avt. transp. 34 no. 10:31-32 O '56.
Raise the quality and reduce time spent in lubrication work. N. Mikhailov. Avt. transp. 34 no. 10:15-16 O '56.
Using diluted oils in wintertime operation of automobiles. G. Losavio, N. Semenov. Avt. transp. 34 no. 10:18-19 O '56.

AUTOMOBILES—MAINTENANCE
(see also subdivision under Leningrad)
Investigation of the performance of automobile systems under operating conditions. A. Shirinskii. Avt. transp. 34 no. 10:9-12 O '56.
Organizing alternating assembly lines for automobile maintenance. B. Ushakov. Avt. transp. 34 no. 11: 22-26 N '56.
Planning, recording and organizing TO-1 and TO-2 (maintenance) by the days of the week. IU. Ivanov. Avt. transp. 34 no. 10:5-6 O '56.

AUTOMOBILES—RADIATORS
Device for rapid thawing of radiators. P. Chilingirov. Avt. transp. 34 no. 10:33 O '56.

AUTOMOBILES—REPAIRING
(see also subdivision under Tiflis)
Causes of noise in the rear suspension of the M-20 Pobeda automobile. L. Sokolov. Avt. transp. 34 no. 11:19-20 N '56.
Efremov, V. V., ed. [The repair of automobiles; a collection of scientific articles] Remont avtomobilei; sbornik nauchnykh statei. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry,
Pt. 1. [Reconditioning parts by bonding, pressure, and chrome plating] Vosstanovlenie detalei naplavkoi, davleniem i khromirovaniem. 1956. 281 p.
Experience in scheduling wages for repair and service workers in motor transport enterprises. A. Eremenko. Avt. transp. 34 no. 11:10-11 N '56.
For greater production of garage equipment. Avt. transp. 34 no. 10:1-2 O '56.
Improving the organization of automobile repairing. A. Kolychev. Avt. transp. 34 no. 10:19-21 O '56.
Mixed or specialized work teams? N. Minaev. Avt. transp. 34 no. 11:9-10 N '56.
Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Technical specifications for repairing, assembling, and testing the GAZ-51 automobile] Tekhnicheskie usloviia na remont, sborku i ispytanie avtomobilia GAZ-51. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 259 p.
Resources in action. P. Mel'nik. Avt. transp. 34 no. 10:34 O '56.
Selecting efficient forms of labor organization and wages for repair and service workers. D. Smirnov. Avt. transp. 34 no. 11:5-6 N '56.
Youth in machine shops and laboratories. B. Kuprianov. Tekh. mol. 24 no. 11:16 N '56.

AUTOMOBILES—SERVICE STATIONS see Service stations

AUTOMOBILES—SPRINGS
Rebuilding valve springs. IU. Bogdanov. Avt. transp. 34 no. 10:32-33 O '56.

AUTOMOBILES—TESTING
Glazunov, S. V. [Testing sport cars; the finishing operations on the construction] Ispytanie sportivnykh avtomobilei; dovodka konstruktsii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 118 p.

AUTOMOBILES—TIRES
Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut avtomobil'nogo transporta. Almaatinskii filial. Prolonging the life of automobiles and tires; work practice of Driver V.IA.Miuller of the Pavlodar Autotrust, Kazakhstan] Uvelichivat' srok sluzhby avtomobilia i shin; iz opyta shofera Pavlodarskogo avtotresta Kazakhskoi SSR V.IA.Miullera. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 10 p.
Norms for tire service need to be reviewed. I. Golovin. Avt. transp. 34 no. 11:36 N '56.

AUTOMOBILES—TRAILERS
(see also subdivision under United States)
Static turn of a crawler trailer. P. A. Opeiko. Trudy Inst. torf. AN ESSR 5:145-152 '56.

AUTOMOBILES—WHEELS
Ruler for testing front wheel alignment. A. Shapovalov. Avt. transp. 34 no. 10:32 O '56.

AUTOMOBILES, RACING
New record for a small cylinder capacity racing car. Avt. transp. 34 no. 10:30-31 O '56.

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTOPSY
Kasianov, M. I. [Medicolegal investigation in cases of sudden death] Sudebnomeditsinskaia ekspertiza v sluchaiakh skoropostizhnoi smerti. Moskva, Gos. izd-vo med. lit-ry, 1956. 221 p.
(DAFM)

AUTOSUGGESTION see Mental suggestion

AVERBAKH, ELIZAVETA
Actress E. Averbakh's stories. IU. Nagibin. Teatr. 17 no. 10:100 O '56.

AVIATION see Aeronautics

AVICENNA, 980?-1037
Akademiia nauk Uzbekskoi SSR, Tashkent. Institut vostokovedeniia. [Portrait of Avicenna] Portret Ibn Siny. Tashkent, 1956. 29 p.

AXOLOTLS
Reactivity of some cellular elements of the axolotl to total body irradiation by X rays. A. F. Ivanitskaia. Izv. AN SSSR. Ser. biol. no. 5:85-96 S-O '56.

AZERBAIJAN—AGRICULTURE
Prerequisites for the complete collectivization of agriculture [in Azerbaijani with summary in Russian]. Kh. O. Alimirzoev. Trudy Inst. ist. i filos. AN Azerb. SSR 9:130-161 '56.
Reconstruction of Azerbaijani agriculture in 1921-1926. E. A. Tokarzhevskii. Trudy Inst. ist. i filos. AN Azerb. SSR 9:114-135 '56.

AZERBAIJAN—ANTIQUITIES
Baku. Muzei istorii Azerbaidzhana. [Historical monuments of Azerbaijan] Pamiatniki istorii Azerbaidzhana. Baku, Izd-vo Akademii nauk Azerbaidzhanskoi SSR, 1956. 147 p.

AZERBAIJAN—APPLE—VARIETIES
New apple varieties for the Azerbaijan S. S. R. M. P. Maksimova, Z. A. Gidaiatly. Sad i og. no. 10:39-40 O '56.

AZERBAIJAN—BOTANY, MEDICAL
Some medicinal plants of Azerbaijan as substitutes for officinal (pharmacopoeial) and foreign plants. R. K. Aliev, I. A. Damirov. Uch. zap. AGU no. 2:49-58 '55.

AZERBAIJAN—COPPER INDUSTRY—HISTORY
History of the development of the copper-smelting industry in Azerbaijan during the second half of the 19th century. A. S. Sumbat-Zade. Uch. zap. AGU no. 4:69-81 '55.

AZERBAIJAN—COTTON
Results of three years' research on the application of granulated fertilizers to cotton in the Azerbaijan S. S. R. V. A. Pisemskaia. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:97-110 '56.

AZERBAIJAN—COTTONSEED OIL
Study of cottonseed oil produced in Azerbaijan and of methods for refining it by using local clays. A. M. Guliev, A. S. Mamedov. Uch. zap. AGU no. 2:10-26 '55.

AZERBAIJAN—CULTURE
Cultural progress in Azerbaijan [with English summary in insert]. N. A. Pashaev. Sov. vostokoved. no. 5:83-88 '56.

AZERBAIJAN—ECONOMIC CONDITIONS
Information supplied by Italians on economic conditions in Azerbaijan during the first quarter of the 16th century. E. M. Shakhmaliev. Uch. zap. AGU no. 1:89-93 '56.
Riches of Azerbaijan. V. Chumachenko. Ukraina no. 21: 4 N '56.

AZERBAIJAN—FERTILIZERS AND MANURES
Effect of organomineral mixtures on the yield of raw cotton and cabbage. R. K. Guseinov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:93-96 '56.

AZERBAIJAN—FRUIT—DISEASES AND PESTS
Study of the diseases of some fruit varieties in the Nukha-Zakataly zone of Azerbaijan. O. R. Ibragimov, Z. A. Akhmedzade. Uch. zap. AGU no. 1:61-67 '56.

AZERBAIJAN—FOLDS (GEOLOGY)
Mechanism of the formation of brachyanticlinal folds in the Apsheron-Kobystan region. V. A. Gorin. Uch. zap. AGU no. 3:31-35 '55.

AZERBAIJAN—FUNGI, PHYTOPATHOGENIC
Alternariosis of hazelnuts. L. A. Israfilbekov. Uch. zap. AGU no. 3:71-76 '55.

AZERBAIJAN—HISTORY
"The annexation of Azerbaijan to Russia and the resulting progress in the field of economics and culture (18th and beginning of the 20th centuries)." Reviewed by I. M. Gasanov, I. V. Strigunov. Sov. vostokoved. no. 5:136-140 '56.
Devastating nature of Iranian invasions of Azerbaijan during the period of its annexation to Russia (1801-1828). A. S. Sumbat-Zade. Uch. zap. AGU no. 2:77-86 '55.

AZERBAIJAN—HOUSING—LAW AND LEGISLATION
First measures of Soviet power in the field of housing legislation in Azerbaijan. M. Khalafov. Uch. zap. AGU no. 7:91-101 '55

AZERBAIJAN—HUMUS
Amount of organic remains in certain soils of Azerbaijan S. A. Aliev. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:161-167 '55.

AZERBAIJAN—LAND TENURE
From the history of feudal relations in Azerbaijan. The ranjbary in the 19th century. I. M. Gasanov. Trudy Inst. ist. i filos. AN Azerb. SSR 9:5-25 '56.

AZERBAIJAN—LOCAL GOVERNMENT
Local governmental organs in the Azerbaijan S. S. R. F. N. Akhmedov. Uch. zap. AGU no. 3:79-89 '55.

AZERBAIJAN—PETROLEUM GEOLOGY
Hydrochemical factors of oil-bearing potentialities of the Maikop series in Azerbaijan. G. P. Tamrazian. Azerb. neft. khoz. 35 no. 9:5-8 S '56.

AZERBAIJAN—POULTRY BREEDING
Producing a dual-purpose chicken breed in Azerbaijan [in Azerbaijani with summary in Russian]. M. A. Akhundov. Uch. zap. AGU no. 5:41-50 '55.

AZERBAIJAN—REVOLUTION, 1917-1921
History of the revolutionary struggle of the peasants of Azerbaijan against the bek and khan counterrevolution in 1919-1920. I. Guseinov. Uch. zap. AGU no. 5:55-70 '55.

AZERBAIJAN—SHEEP
Fine-wool sheep breeding on the leading collective farms of Azerbaijan. G. IU. Mekhtiev. Ovtsevodstvo no. 10: 23-24 O '56.

AZERBAIJAN—SIEROZEM SOILS
Conversion of the organic matter of petroleum origin in Sierozem-Meadow soils. N. N. Edigarova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:169-173 '55.

AZERBAIJAN—TEA
Work results and tasks of further research on the cultivation of tea in Azerbaijan. V. R. Volobuev, R. V. Kovalev. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:242-260 '55.

AZERBAIJAN—TRACE ELEMENTS
Effect of trace elements on the development and yield of cotton and alfalfa seeds. M. G. Abutalybov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:53-70 '55.

AZERBAIJAN—TREACLE MUSTARD
Characteristics of the chemical composition of treacle mustard Erysimum pasgalense Boiss. occurring in Azerbaijan and the effect of its preparations on the cardiovascular system. R. K. Aliev and others. Uch. zap. AGU no. 7:73-81 '55.

AZERBAIJANI LANGUAGE—SYNTAX
Address in the Azerbaijani language [in Azerbaijani with summary in Russian]. IU. Seidov. Uch. zap. AGU no. 2:97-110 '55.

AZERBAIJANI LANGUAGE—VERB
Passive form of the verb in the Azerbaijani language. A. K. Aliev. Uch. zap. AGU no. 3:91-94 '55.

AZERBAIJANI LANGUAGE—WORD FORMATION
Compound words in modern Azerbaijani [in Azerbaijani with summary in Russian]. I. Gadzhiev. Uch. zap. AGU no. 5:105-114 '55.

AZEROGUL, 1921-
Azeroglu's early period [in Azerbaijan with summary in Russian]. D. Z. Gadzhiev. Uch. zap. AGU no. 2:87-96 '55.

AZIZBEKOV, MESHADI, 1876-1918
Azizbekova, P. A. Meshadi Azizbekov. Baku, Azerbaidzhanskoe izd-vo detskoi i iunosheskoi lit-ry, 1956. 109 p.

AZOTOBACTER
Effect of Azotobacter on the growth of the sprouts of certain plants and on the individual enzymes of the sprouts. L. H. Brantsevych. Stud. nauk. pratsi no. 20: 89-103 '56.
Effect of azotobacterin on the yield of the sunflower and castor-oil plant. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:233-239 '48.

AZOV SEA REGION—ANTIQUITIES
Late ancient settlements of Bosporus on the shore of the Sea of Azov. I. T. Kruglikova. Sov. arkheol. 25:246-260 '56.

BABANKA DISTRICT—MOTION-PICTURE PROJECTION
Competition of motion-picture operators. N. Pavliusha. Sots. kult. 9 no. 10:28-30 O '56.

BACH, ALEKSEI NIKOLAEVICH, 1857-1946
In memory of a scientist and revolutionary; on the tenth anniversary of A. N. Bach's death. A. N. Frumkin. Khim. nauka i prom. 1 no. 5:573-574 '56.

BACILLUS ANTHRACIS
Cultivating anthrax bacilli which have been treated by disinfectants. A. A. Poliakov, K. I. Terent'eva. Veterinariia 33 no. 12:77 D '56.

BACILLUS MEGATHERIUM
Changes in the physiological characteristics of Bac. megatherium cells during the development of cultures on the surface of agar. M. O. Streshinskii. Zhur. ob. biol. 17 no. 5:386-392 S-O '56.

BACTERIA
Removal of "red spots" a micrococcal growth from intestines. K. V. Kalmykov. Sbor. trud. Khar'. vet. inst. 22:150-152 '54.
Virulence of wound microflora of extremities in acute trauma and its sequelae. G. M. Belen'kaia. Ortop., travm. i protez. no. 5:52-56 S-O '55.

BACTERICIDES
Bactericidal properties of the gastric juice of horses. E. IA. Gribanovskaia, A. M. Smirnov. Veterinariia 33 no. 12:30-33 D '56.

BACTERIOLOGY
Letter to the editor. N. M. Verzilin. Est. v shkole no. 6:82-84 N-D '56.

BACTERIOLOGY—BIBLIOGRAPHY see Bibliography—Bacteriology

BACTERIOLOGY—CULTURES AND CULTURE MEDIA
Field study on the action of tuberculin prepared on a synthetic culture medium. M. G. Nikitin, V. I. Lebedev. Sbor. trud. Khar'. vet. inst. 22:259-267 '54.

BACTERIOPHAGE
Criticism of Craigie's method of phage typing of Bact. typhi abdominalis by Vi-bacteriophages. S. I. Grishin. Vop. kraev. pat. no. 4:39-45 '54.
Effect of temperature on some types of dysentery bacteriophage. S. I. Grishin. Vop. kraev. pat. no. 4: 46-53 '54.

BACTRIA—NUMISMATICS
Ancient Bactrian coins minted according to the type of the tetradrachm of Heliocles. V. M. Masson. Epig. Vost. no. 11:63-75 '56.

BADKHYZ HIGHLAND—OWLS
The long-eared owl in Badkhyz. A. N. Sukhinin. Izv. AN Turk. SSR no. 5:80-82 '56.

BAER, KARL ERNST VON, 1792-1876
Causes of meander formation in river beds and Baer's Law. A. Einstein. Usp. fiz. nauk 59 no. 1:185-188 My '56.

BAGASSE
Fattening cattle on rations containing increased amounts of bagasse. A. Z. Kvitko. Zhivotnovodstvo 18 no. 11: 52-58 N '56.

BAGRIANA, ELISAVETA
Poetry of youth and peace ("Selected verse" [in Bulgarian] by Elisaveta Bagriana. Reviewed by V. Zlydnev). Inostr. lit. no. 11:260-261 N '56.

BAIKAL REGION
"It's good to live in the Baikal region." Vl. Shoror. Sov. voin 38 no. 16:14-15 Ag '56.

BAIKAL REGION—PHOSPHORITES
Phosphorite finds in the Proterozoic deposits of the western Baikal region. V. D. Mats, O. P. Egorova, A. K. Dokl. AN SSSR 110 no. 2:264-266 S '56

BALANTIDIUM COLI
Two cases of balantidiasis. N. F. Romanovich. Arkh. pat. 18 no. 5:81-83 '56.

BALEY—MINING ENGINEERING—CONGRESSES
In the quest of effective methods for exploiting mineral deposits; the all-Union scientific-technological conference. A. F. Nazarchik. Vest. AN SSSR 26 no. 11: 110-112 N '56.

BALIUGINA, ZOIA DMITRIEVNA
Honored physician; reportage. A. Stanovov. Sov. zhen. 12 no. 12:21 D '56.

BALKHAN MOUNTAINS—QUARTZ
Carbonate-quartz hydrothermal veins of the Greater Balkhan. K. V. Tiunov. Izv. AN Turk. SSR no. 5:78-79 '56.

BALLAST
Mobile crusher-grader machine. B. G. Golovanov, G. D. Shcheholev. Zhel. dor. transp. 39 no. 11:70-71 N '56.
New electric ballast distributor with rake blades. P. G. Belogortsev. Vest. TSNII MPS 15 no. 2:61 S '56.
Some ways of increasing ballast production and improving its quality. P. M. TSigel'nyi. Zhel. dor. transp. 38 no. 11:55-58 N '56.

BALLAST (SHIPS)
Analytical method of determining the amount of ballast needed or lowering the gravitational center of the ship for obtaining the required stability. N. F. Voevodin. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:96-109 '54.

BALLET see subdivision under Leningrad; London; Moscow; Paris

BALTA DISTRICT—MACHINE-TRACTOR STATIONS
Brothers. V. Liaskova'kyi. Ukraina no. 22:10-11 N '56.

BALTIC SEA REGION—MAN, PREHISTORIC
Initial stages in the settling of the eastern Baltic region. V. P. IAkimov. Trudy Inst. etn. 32:245-272 '56.

BALTIC STATES—BIRDS—MIGRATION
Plenary session of the Baltic Commission on the Study of Bird Migration. E. V. Kumari. Zool. zhur. 35 no. 9:1439 S '56.

BALZAC, HONORÉ De, 1799-1850
Balzac's social and political positions in 1830-1833. D. D. Oblomievskii. Uch. zap. Inst. mir. lit. 2:81-129 '56.

BANDAGES AND BANDAGING
Cotton-plaster bandage without lining. N. D. Chibiskov. Fel'd. i akush. 21 no. 10:43-44 O '56.
Method of applying Kefer's bandage to a trophic ulcer. Oranskii. Fel'd. i akush. 21 no. 10:57-58 O '56.
Protective cellophane patches. K. D. Shumskii. Fel'd. i akush. 21 no. 10:44 O '56.

BANDUNG—STUDENTS—CONGRESSES
Bandung Conference. Ibnu Mustari. Vsem. stud. nov. 10 no. 9/10:8-10 S-O '56.

BANKS AND BANKING
(see also subdivision under India; Osh Province)
For closer ties between the State Bank and financial organs. B. Smirnov. Den. i kred. 14 no. 11:38-40 N '56.
From our reader's letters. Den. i kred. 14 no. 11:46-53 N '56.
In the Board of Directors of the Industrial Bank of the U. S. S. R. Fin. SSSR 17 no. 11:95 N '56.

BARBITURATES
Change in the body's reaction to barbiturates [illegible] awakening effect of cornazol after total body [illegible] V. B. Isachenko. Med. rad. 1 no. 5:59-64 [illegible]

BARBITURIC ACID
Effect of certain soporifics and stimulants on the [illegible] organization process (in the liver). U. IA. [illegible] Arkh. pat. 18 no. 6:122-123 '56.

BARGUZIN RANGE—SABLES
Barguzin sables. O. Gusev. Okh. i okh. khoz. [illegible] 21 N '56.

BARITE see subdivision under Beregovo, Mount, Transcarpathia

BARK BEETLES
Japanese bark beetle, a dangerous forest pest. M. [illegible] Umnov. Les. khoz. 9 no. 11:46-47 N '56.

BARLEY
Effect of acid soil reaction, aluminum, manganese, [illegible] and phosphorus on the growth and yields of barley. N. S. Avdonin, N. A. Kolosova. Uch. zap. Mosk. [illegible] no. 186:19-37 '56.
Some data on the variability of barley during [illegible] genetic development. A. K. Minasian. Izv. AN S[illegible] SSR. Biol. i sel'khoz. nauki 9 no. 10:15-31 [illegible]

BARNS
Russia (1923- U. S. S. R.) Ministerstvo [illegible] sel'skogo stroitel'stva. [Summer shelter for [illegible] of cattle; frame walls; wooden supports with filling of clay or adobe or with ordinary board siding] Letnee [illegible] krupnogo rogatogo skota na 100 korov; steny karkasno-[illegible] dereviannye stoiki s zapolneniem glinoplitnom ili s obshivkoi doskami. Proekt No. 4-72. Moskva, 1955. 62p., 20 fold. l. (Tipovye proekty sel'skokhoz. zdaistvennykh postroek)
(DA)

BAROMETER—HISTORY
History of the invention and development of M. V. [illegible] sov's gas barometer. I. B. Litinetskii. Trudy Inst. [illegible] est. i tekh. 10:164-212 '56.

BARSOVA, VALERIIA VLADIMIROVNA
Moscow. Gosudarstvennyi akademicheskii Bol'shoi [illegible] Valeriia Vladimirovna Barsova. Moskva, Gos. [illegible] "Iskusstvo," 1954. 1 v. (unpaged)

BASALT see subdivision under Hungary

BASE-EXCHANGING COMPOUNDS
Sorption kinetics of streptomycin and the effect of [illegible] on the absorption of streptomycin by hydrogen [illegible] carboxylic cationites. L. F. IAkhontova, E. M. [illegible] kaia, B. P. Bruns. Dokl. AN SSSR 110 no. 2:249 [illegible] '56.
Use of cationites in the analysis of phosphorites. [illegible] Takipov, T. I. Fedorova. Trudy SAGU no. [illegible] '54.

BASHKIN, MATVEI SEMENOVICH, fl. 10th century
Matvei Bashkin, 10th century freethinker. A. A. [illegible] Vop. ist. rel. i ateiz. no. 4:230-245 '56.

BASHKIR LANGUAGE—DIALECTS
Baishev, T. G. [Bashkir dialects and their relations to the literary language] Bashkirskie dialekty v ikh [illegible] shenii k literaturnomu iazyku. Pod red. N. K. Dmitr[illegible] va. [Moskva] Izd. Moskovskogo univ., 1955. 111 p. (NNC)

BASHKIR LANGUAGE—DICTIONARIES—RUSSIAN
Akademiia nauk SSSR. Bashkirskii filial, Ufa. Institut istorii, iazyka i literatury. [Russian-Bashkir and Bashkir-Russian dictionary of botanical terms] Terminologicheskii slovar' po botanike, russko-bashkirskii i bashkiro-russkii. Sost. N. Urazmetov, pod red. T. Bashirova. Ufa, Bashgosizdat, 1952. 129 p.
(NNC)

BASHKIRIA—SUGAR BEETS
High sugar beet yields in Bashkiria. P. G. TSalygo[illegible] Sakh. svekl. no. 8:47 O '56.

BASKETBALL
(see also subdivision under Latvia)
Bollaev, I. N., V. M. Kostin, and R. B. Levin. [Refereeing basketball games] Sudeistvo sorevnovanii po basketbolu. Izd. 2-e, ispr. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 151 p.
Break through toward the basket. S. Spandarian. Sp. igry 2 no. 9:18 S '56.
Masters and reserves; what was shown by the basketball tournaments at the Spartakiada of the Peoples of the U. S. S. R. and the student Spartakiada. L. Pono[illegible] razhenskii, T. Zel'dovich, M. Zaslavskii. Sp. igry 2 no. 9:7-11 S '56.
Results of basketball tournaments. Sp. igry 2 no. 9 12-15 S '56.
Semashko, N. V. [Basketball; for children and [illegible]] Basketbol; dlia detei srednego i starshego vozrasta. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 60 p.

BASKETBALL (Continued)
Urgent changes in basketball rules. I. Belinev. Sp.igry 2 no.9:25 S '56.

BASKETBALL—OFFICIATING
International seminar for referees and trainers. Sp.igry 2 no.9:16 S '56.

BATHS
(see also subdivision under Tiflis)
Clinical aspects of and baincotherapy in chronic obliterating diseases of the peripheral vessels. R. F. Akulova. Vop. kur. fizioter. i lech. fiz. kul't. 21 no.4:57-63 O-D '56.

BATHS, MOOR AND MUD see subdivision under Odessa

BATONI, POMPEO GIROLAMO, 1708-1787
Pompeo Batoni's paintings in the Hermitage collection. T. D. Fomicheva. Trudy Gos. erm. 1:81-91 '56.

BATTERIES, ELECTRIC see Storage batteries

BATTERIES, SOLAR see Solar batteries

BAUXITE see subdivision under Shantung Province

BEACONS
Batusov, S.V., and others. [Electrification of beacons for inland navigation] Elektrifikatsiia znakov rechnoi sudokhodnoi obstanovki. Moskva, Izd-vo Ministerstva rechnogo flota SSSR, 1951. 110 p. [MICROFILM]

BEARING INDUSTRY
Designing automatic production lines for the bearing industry. S. N. Vlasov. Stan. i instr. 27 no.10:19-21 O '56.

BEARING INDUSTRY—ACCOUNTING
Method for determining the volume of production of an industrial enterprise. A. Korenblium. Plan. khoz. no.5:80-87 '56.

BEARINGS (MACHINERY)
Aluminium bimetallic bearings linings for D-35 and D-54 tractors. IU. Zil'berg. MTS 16 no.10:40-41 O '56.
Babaev, A. P. [Axle bearings of cone pressed wood for streetcars; work practice of the S. M. Kirov trolley depot in Moscow] Motorno-osovyo vagonnyo podshipniki iz drevesnoi pressmassy; iz opyta raboty tramvainogo depo iment S. M. Kirova g. Moskvy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 32 p. (Obmen peredovym opytom predpriiatii kommunal'nogo khoziaistva)
Conditions for normal operation and long life of the ball and roller bearings of electric motors. G. IA. Shkil'ko. Prom. energ. 11 no.11:5-9 N '56.
Russia (1923- U. S. S. R.) Ministerstvo lesnoi promyshlennosti, TSentral'noe biuro tekhnicheskoi informatsii. [Manual on rolling friction bearings used in lumbering equipment] Spravochnik po podshipnikam kacheniia lesozagotovitel'nogo oborudovaniia. Sost. B. A. Medvedev. Moskva, Goslesbumizdat, 1956. 95 p.
Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Ball and roller bearings] Sharikovye i rolikovye podshipniki. Gost 3189-46. Izd. ofitsial'noe. Moskva, 1956. 222 p.

BEE CULTURE
(see also subdivision under Georgia; Gorno-Altai Autonomous Province; White Russia)
Achievements of leading beekeepers in 1956. Pchelovodstvo 33 no.11:3-5 N '56.
Brief news. Pchelovodstvo 33 no.12:56 D '56.
Changing the direction of hive entrances. E. N. Spitskii. Pchelovodstvo 33 no.12:34 D '56.
Determining the best time for requeening. L. S. Liventsev. Pchelovodstvo 33 no.11:17-21 N '56.
Effect of a break in the laying activity of the queen on the honey crop. T. P. Altes, A. F. Gubin. Pchelovodstvo 33 no.11:13-16 N '56.
Effect of the brood and the laying queen on the yield of honey. P. A. Nalimskii. Pchelovodstvo 33 no.12:35 D '56.
Information for those using the "Reference dictionary for beekeepers." Pchelovodstvo 33 no.12:52 D '56.
Maintaining strong bee colonies all the year round is the basis for high returns of apiaries. V. V. Rodionov. Pchelovodstvo 33 no.11:6-10 N '56.
Moving bees in winter. V. K. Kazantsev. Pchelovodstvo 33 no.12:32-33 D '56.
Work methods of I. S. Filatov, a leading beekeeper. K. P. Istomina-TSvetkova. Pchelovodstvo 33 no.11:21 N '56.

BEE CULTURE—BIBLIOGRAPHY see Bibliography—Bee culture

BEE CULTURE—CONGRESSES
Sixteenth International Congress on Beekeeping. N. M. Glushkov, V. I. Poltev. Pchelovodstvo 33 no.11:58-60 N '56.

BEE CULTURE—EQUIPMENT AND SUPPLIES
Demonstration hive. P. P. Sokolov. Pchelovodstvo 33 no.12:37-38 D '56.
How I improved the honey extractor. S. L. Bardakov. Pchelovodstvo 33 no.12:28-30 D '56.
Implement for filling combs with disinfecting liquids and for rinsing them with water. M. Z. Krasnopeev. Pchelovodstvo 33 no.12:30-31 D '56.
Improved handbarrow. G. M. Kulichkov. Pchelovodstvo 33 no.11:50-51 N '56.
Just where can we get apiary equipment? I. A. Zubkov. Pchelovodstvo 33 no.12:52 D '56.
Keeping bee colonies in a shed. A. S. Dabakhov. Pchelovodstvo 33 no.12:33-34 D '56.
Lifting device for solar wax extractors. V. N. Nagornyi. Pchelovodstvo 33 no.12:35-37 D '56.
Not enough attention is paid to apiary equipment. V. K. Upit. Pchelovodstvo 33 no.12:51-52 D '56.
Standard plans for hives and wintering repositories. Pchelovodstvo 33 no.11:64 N '56.
The stores of province consumer cooperative unions are unable to supply apiary equipment. Pchelovodstvo 33 no.11:63-64 N '56.
Useful suggestions of efficient beekeepers. A. N. Brysin, I. I. Voskoboinikov. Pchelovodstvo 33 no.12:26-28 D '56.

BEE CULTURE—EXHIBITIONS see subdivision under Moscow

BEE CULTURE—PERIODICALS
Improving the work of the journal. Pchelovodstvo 33 no.12:52 D '56.

BEE CULTURE—STUDY AND TEACHING see subdivision under Ioshkar-Ola; Stavropol Territory

BEE CULTURE—WINTERING
(see also subdivision under East Kazakhstan Province)
Covering trenches and measuring the temperature in them. M. P. Kubakov. Pchelovodstvo 33 no.12:32 D '56.
How we improved the wintering of bees that were fed honey mixed with honeydew. N. F. Ermishin. Pchelovodstvo 33 no.12:18 D '56.
Methods of wintering bees. A. R. Leipi, P. F. Pirozhkov, I. S. Kovalev, M. O. Koldenko. Pchelovodstvo 33 no.12:10-13 D '56.
Placing hives in holes for the winter. I. A. Starkov. Pchelovodstvo 33 no.12:32 D '56.
Ventilation of wintering repositories. G. I. Serebrennikov. Pchelovodstvo 33 no.11:49-50 N '56.
Wintering bees in earthen hives. I. A. Nikolenko. Pchelovodstvo 33 no.11:48-49 N '56.

BEECH
(see also subdivision under Georgia)
Timber beetles (Elateroides dermestoides L.), pests of the beech tree in the Carpathian Mountain region. I. K. Zagaikevich, G. A. Efimov. Les. khoz. 9 no.11:44-46 N '56.

BEEF CATTLE—FEEDING AND FEEDING STUFFS
Additional feeding of cattle towards the end of the fattening period. A. N. Panfushkin. Sel'khoz. Povol. no.10:56-58 O '56.

BEES
Bee colony as a biological entirety. I. A. Khalifman. Mich. uch. na sluzh. nar. no.3:220-232 '55.
Bee dance. N. G. Lopatina. Pchelovodstvo 33 no.12:19-24 D '56.
Conditions determining the beginning of egg laying by the queen. I. K. Medvedev. Pchelovodstvo 33 no.11:10-13 N '56.
Increasing the seed production of red clover and the returns of pollinating apiaries. N. P. Smaragdova. Uch. zap. Mosk. un. no.186:75-84 '56.
Minerals in the organism of bees and in beebread. V. F. Rudol'f. Pchelovodstvo 33 no.12:24-25 D '56.
Selective ability of bees in plant pollination. N. P. Smaragdova. Uch. zap. Mosk. un. no.186:97-102 '56.
Survey of lectures on the biology of bees, given in Vienna at the International Congress on Bee Culture. K. I. Pchelovodstvo 33 no.12:45-47 D '56.

BEES—DISEASES AND PESTS
From practice in controlling bee lice. V. L. Makarov. Pchelovodstvo 33 no.11:44-45 N '56.
Poisoning of bees by alkaloids of henbane. E. G. Shaginian. Pchelovodstvo 33 no.11:45-46 N '56.
Treating nosema with fumagillin. T. V. Vinogradova. Pchelovodstvo 33 no.11:47 N '56.

BEES—FEEDING AND FEEDING STUFFS
Feeding bees in the cold part of the year. M. Polekhin. Pchelovodstvo 33 no.12:16-18 D '56.
Supplementary feeding of bees in winter. Pchelovodstvo 33 no.12:48-49 D '56.

BEES, EFFECT OF SPRAYING AND DUSTING ON
Persons guilty of poisoning bees should be held responsible. Pchelovodstvo 33 no.11:62-63 N '56.

BEESWAX
Extracting comb wax in apiaries. P. P. Riabtsev. Pchelovodstvo 33 no.12:51 D '56.
Lifting device for solar wax extractors. V. N. Nagornyi. Pchelovodstvo 33 no.12:35-37 D '56.

BEET PESTS
Birds as destroyers of beet weevils. A. P. Fedorenko. Dop. AN URSR no.2:200-204 '56.

BEETS
Selectivity of fertilization in table and sugar beets. A. S. Medvedeva. Zhur. ob. biol. 17 no.5:335-339 S-O '56.

BEETS—HARVESTING
Use of DT-14 tractors for operating beet lifters. D. Sologub. MTS 16 no.10:25-26 O '56.

BEETS, SUGAR see Sugar beets

BELEBEYKA VALLEY—PALEONTOLOGY, STRATIGRAPHIC
Ostracoda from a profile of upper Permian deposits. Z. D. Belousova. Trudy VNIGNI no.7:117-134 '56.

BELEMNITES see subdivision under Russian Platform

BELGOROD PROVINCE—POULTRY HOUSES AND EQUIPMENT
Mechanized poultry section on the Zhdanov Collective Farm. A. Kozinets. Sel'. stroi. 11 no.10:3-5 O '56.

BELIAEVA, LIUBOV' GEORGIEVNA
Great destiny. K. Sushkov. Stroitel' 2 no.3:24-25 Mr '56.

BELL-BUOYS see Buoys

BELLADONNA
Problem of improving the processes for extracting medicinal vegetable raw material. N. I. Terpilo. Med. prom. no.2:32-35 Ap-Je '55.

BENDING MACHINES
Lightweight reinforcement bending machine. A. Fedorov. Stroitel' 2 no.8:15 Ag '56.

BENGAL—FLOODS
Students helped to fight floods. Vsem. stud. nov. 10 no.9/10:4 S-O '56.

BENZALDEHYDE—SPECTRA
Absorption and Raman spectra of Michler's ketone and p-aminobenzaldehyde [with English summary in insert]. A. I. Finkel'shtein. Zhur. fiz. khim. 30 no.9:2061-2065 S '56.

BENZENE
Alkylation of chlorobenzene by ethylene in the presence of sulfuric acid and aluminosilicates. IU. G. Mamedaliev, Sh. V. Veliev. Uch. zap. AGU no.4:7-12 '55.
Composition of products of destructive hydrogenation of benzene with a tungsten-sulfide-nickel-sulfide-alumina catalyst. I. V. Kalechits, K. A. Pavlova. Trudy Vost.-Sib. fil. AN SSSR no.4:81-86 '56.
Condensation of β-chlorovinyl ketones with benzene and its homologs. A. N. Nesmeianov, M. I. Rybinskaia, N. K. Kochetkov. Izv. AN SSSR, Otd. khim. nauk no.10:1197-1201 O '56.
Oxidation of organic compounds. Part 13. Permanganate method for the analysis of alkylbenzene mixtures. B. V. Suvorov, M. I. Khimura, I. N. Monastyreva. Izv. AN Kazakh. SSR, Ser. khim. no.10:72-80 O '56.
Sequence of reactions during the destructive hydrogenation of benzene. I. V. Kalechits, K. A. Pavlova. Trudy Vost.-Sib. fil. AN SSSR no.4:87-93 '56.

BENZENE HEXACHLORIDE
Effect of hexachloran on the root growth of fruit trees. A. S. Matvievskii. Sad i og. no.10:65-66 O '56.
Synthesis of benzene hexachloride in the studies of the club. F. F. Krivonos, A. A. Denisov. Khim. v shkole 11 no.6:44-46 N-D '56.

BENZENESULFONIC ACID
Investigating polypropylene benzene sulfonates as washing powders. F. V. Nevolin. Masl.-zhir. prom. 22 no.7:24-25 '56.

BERDICHEV—KINDERGARTEN
For life. I. Ozolin. Doshk. vykh. 17 no.11:20-22 N '56.

BEREGOVO, MOUNT—BARITE
Vein barite from the kaolin deposit of Mount Beregovo in Transcarpathia. A. A. Varteresevich. Min. sbor. no.10:251-262 '56.

BEREST OVITSA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION
Follow-up of material printed in "Kommunist Belorussii." Komm. Bel. 29 no.12:68 D '56.

BEREZAN' DISTRICT—KINDERGARTEN
At a collective farm institution for children. V. Nedil'ko. Doshk. vykh. 17 no.11:25-26 N '56.

BEREZOTOCHA—COMMUNITY CENTERS
Native home. L. Horilovs'kyi. Sots. kul't. 9 no.10:16-17 O '56.

BERGEN, NORWAY—FISH, FROZEN

Fish-refrigerating unit in Bergen (Norway). N. T. Berezin, V. P. Zaitsev. Ryb. khoz. 32 no. 11:69-77 N '56.

BERING SEA—MARINE BIOLOGY

Determining the production of organic matter in certain regions of the Bering and Okhotsk Seas. D. A. Smetanin. Trudy Inst. okean. 17:192-203 '56.

BERING SEA—SEA WATER

Some data on the chemistry of biogenous elements of the Bering Sea. V. V. Mokievskaia. Trudy Inst. okean. 17:176-191 '56.

BERKSHIRE SWINE see subdivision under Dnepropetrovsk Province

BERLIN—GERMANIC PHILOLOGY—CONGRESSES

International Scientific Conference on Germanic languages and literatures. V. M. Zhirmunskii. Vest. AN SSSR 26 no. 11:91-92 N '56.

BERYL

Origin of the sodium variety of beryl in granitic pegmatites. A. A. Beus, N. E. Zalashkova. Min. sbor. no. 10:273-287 '56.

BERYLLIUM

Beryllium and its compounds. M. B. Reifman. Khim. nauka i prom. 1 no. 5:523-520 '56.

Beryllium reactor for physics research. A. K. Krasin, B. G. Dubovskii. Atom. energ. no. 4:147-148 '56.

BESSARABIA—PEASANTRY

Grosul, IA. [Peasants of Bessarabia (1812-1861)] Krest'iane Bessarabii (1812-1861 gg.). Kishinev, Gos. izd-vo Moldavii, 1956. 396 p.

BESSERT, MARIIA ANAN'EVNA

Mariia Anan'evna Bessert. G. E. Egoshin. Med. sestra 15 no. 10:27 O '56.

BET-PAK-DALA—TICKS

Ticks of the superfamily Ixodoidea of the Bet-Pak-Dala desert and adjacent regions. G. V. Ushakova. Trudy Inst. zool. AN Kazakh. SSR 5:129-151 '56.

BET-PAK-DALA—TICKS AS CARRIERS OF DISEASE

Materials on the ticks of the family Ixodidae parasitic on farm animals of the Bet-Pak-Dala pasture complex. E. F. Petrova. Trudy Inst. zool. AN Kazakh. SSR 3:44-46 '55.

BETA RAYS

Calculating and measuring of dosage in total body irradiation with $\beta$-rays. V. A. Petrov. Med. rad. 1 no. 4:81-88 Jl-Ag '56.

Evaluating the dosage rates of beta-radiation from radioelements. I. V. Poroikov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:33-45 '55.

BETA RAYS—SPECTRA

Beta spectrum of $Pu^{241}$. K. N. Shliagin. Izv. AN SSSR. Ser. fiz. 20 no. 8:891-895 Ag '56.

A new method for improving the focusing properties of the lens spectrometer. B. S. Dzhelepov, No Sŏn-chan, P. A. Tishkin. Izv. AN SSSR, Ser. fiz. 20 no. 8:947-950 Ag '56.

Vertical focusing in the helical belts spectrometer. V. S. Shpinel', O. Sh. Grois. Zhur. tekh. fiz. 26 no. 10:2259-2268 O '56.

BEZHITSA—LOCOMOTIVES

Study of economics at the factory. A. Belov. Mol. komm. 14 no. 11:117-118 N '56.

[Book chronicle.] Knizhnaia letopis' no. 1 '57.

[New books.] Novye knigi nos. 1, 4 Ja '57.

[New books.] Novye knigi no. 42 D '56; nos. 2-3 Ja '57.

[New books.] Novye knigi no. 6 F '57.

New books. Sots. kul't. 9 no. 10:46 O '56.

New books. Sov. Kazakh. 22 no. 4:128 Ap '56.

[New foreign books in the libraries of the Academy of Sciences of the U. S. S. R. and of the academies of sciences of the Union republics; classified catalog of the publications of 1942-1954, accessioned in 1954.] Novata inostrannaia kniga v bibliotekakh Akademii nauk SSSR i akademii nauk soiuznykh respublik 9 '56. 702 p.

New publications by institutions of higher learning. Vest. vys. shkoly 14 no. 11:62 N '56.

Topics and literature for talks in December 1956. Blok. agit. vod. transp. no. 21:46-4 of cover N '56.

Young Men's Christian Associations. Paris. Press. [Catalog, 1921-1956; theology, philosophy, Russian classics, literature, pedagogy, textbooks] Katalog, 1921-1956; bogoslovie, filosofiia, russkie klassiki, khudozhestv. literatura, pedagogika, uchebniki. Paris, [n. d.] 126 p.

BIBLIOGRAPHY—AGRICULTURAL CHEMISTRY

Bibliographical reference on agricultural chemistry. Ud. i ur. 1 no. 11:64 N '56.

New books. Mekh. sil'. hosp. 7 no. 10:4 of cover O '56.

BIBLIOGRAPHY—AGRICULTURE

Bookshelf. Sel'khoz. Povol. no. 10:79 O '56.

New booklets about progressive practice. Kolkh. Bel. 4 no. 8:40 Ag '56.

BIBLIOGRAPHY—ART

New books on literature and art. I. Fedorov. Lit. v shkole 17 no. 6:70-74 N-D '56.

BIBLIOGRAPHY—ASTRONOMY

New books and articles on physics and astronomy. G. IA. Artiukhova. Fiz. v shkole 16 no. 6:83-85 N-D '56.

BIBLIOGRAPHY—ASTRONOMY—HISTORY

Bibliography of literature on the history of astronomy published in the U. S. S. R. in 1953 and 1954. Ist. astron. issl. no. 1:350-367 '55.

BIBLIOGRAPHY—ATOMIC ENERGY

New literature on the peaceful uses of atomic energy. V. S. Atom. energ. no. 4:181-183 '56.

BIBLIOGRAPHY—BACTERIOLOGY

From the pages of journals. Lab. delo 2 no. 6:20 N-D '56.

BIBLIOGRAPHY—BEE CULTURE

Index of articles published in "Pchelovodstvo" in 1956. Pchelovodstvo 33 no. 12:57-63 D '56.

Literature on bee culture published in 1955. Pchelovodstvo 33 no. 12:53-54 D '56.

BIBLIOGRAPHY—BIOCHEMISTRY

[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia nos. 2, 9-10 '56.

BIBLIOGRAPHY—BIOLOGY

New books. Est. v shkole no. 6:91-92 N-D '56.

BIBLIOGRAPHY—BIOPHYSICS

[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia nos. 2, 9-10 '56.

BIBLIOGRAPHY—COMMERCE

Books and articles on problems of economy and foreign trade in foreign countries. Vnesh. torg. 26 no. 10:27 O '56.

BIBLIOGRAPHY—COMMUNISM

Brief news about books. Komm. Bel. 29 no. 12:61-62 D '56.

BIBLIOGRAPHY—COTTON GROWING

New books. Khlopkovodstvo 6 no. 11:64 N '56.

BIBLIOGRAPHY—DIESEL LOCOMOTIVES

Concerning diesel locomotive literature; bibliographical survey. K. A. Shishkin. Zhel. dor. transp. 38 no. 11: 93-96 N '56.

BIBLIOGRAPHY—DISSERTATIONS, ACADEMIC

Leningrad. Nauchnaia biblioteka imeni M. Gor'kogo. [Dissertations defended at Leningrad State University during 1955; a bibliography] Dissertatsii, zashchishchennye v Leningradskom ordena Lenina gosudarstvennom universitete imeni A. A. Zhdanova v 1955 godu; bibliograficheskii ukazatel'. [Leningrad] Izd-vo Leningradskogo univ., 1956. 60 p.

BIBLIOGRAPHY—DRAMA

New plays for the repertoire. Teatr. 17 no. 10:133-134 O '56.

New plays in the repertoire. Teatr 17 no. 11:128-129 N '56.

BIBLIOGRAPHY—EDUCATION

The bookshelf. Nar. obr. no. 10:71 O '56.

Bookshelf. Nar. obr. no. 11:72 N '56.

New books. Sov. pedag. 20 no. 12:113-116 D '56.

BIBLIOGRAPHY—EDUCATION OF CHILDREN

Dochkareva, M. A. [Publicizing literature on the training of children; the practice of Moscow public libraries] Propaganda literatury o vospitanii detei; iz opyta raboty massovykh bibliotek Moskvy. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 93 p.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

New books on electricity, electrical engineering and electric power. Elektrichestvo. no. 11:96 N '56.

BIBLIOGRAPHY—ENGINEERING

Dissertations defended in the scientific council of the Institute of Structural Mechanics in 1953 and 1954. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:134-138 '56.

BIBLIOGRAPHY—FORESTS AND FORESTRY

New books. Les. khoz. 9 no. 11:71 N '56.

BIBLIOGRAPHY—GASES

Bibliography. Gaz. prom. no. 6:30-40 Je '56.

BIBLIOGRAPHY—HEALTH RESORTS, WATERING PLACES ETC.

List of recently published books. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:107-109 O-D '56.

BIBLIOGRAPHY—HEAT ENGINEERING

New books. Teploenergetika 3 no. 12:61 D '56.

BIBLIOGRAPHY—HISTORY

Transactions of higher educational institutions and academic bodies published in 1955. Vop. ist. no. 10: 178-180 O '56.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING

From the pages of foreign periodicals. Gidr. stroi. 25 no. 10:61-63 N '56.

BIBLIOGRAPHY—INSCRIPTIONS

News items and bibliography. Epig. Vost. no. 11:101-106 '56.

BIBLIOGRAPHY—KAZAKHSTAN—AGRICULTURE

Akademiia nauk Kazakhskoi SSR, Alma-Ata. TSentral'naia nauchnaia biblioteka. [Experience of agricultural leaders of Kazakhstan; an annotated bibliography] Opyt peredovikov sel'skogo khoziaistva Kazakhskoi SSR; annotirovannyi ukazatel' literatury. Alma-Ata, 1956. 200 p.

BIBLIOGRAPHY—KAZAKHSTAN—PROTOZOA, PATHOGENIC

Literature on the parasitology of Kazakhstan. Part 4: Parasitic Protozoa. N. A. Bezukladnikova. Trudy Inst. zool. AN Kazakh. SSR 3:181-200 '55.

BIBLIOGRAPHY—KAZAKHSTAN—WORMS, INTESTINAL AND PARASITIC

Literature on the parasitology of Kazakhstan. No. 5: Parasitic worms. Trudy Inst. zool. AN Kazakh. SSR 3:193-213 '56.

BIBLIOGRAPHY—KAZAN—HISTORY

Bushkanets, E. G. [The history of Kazan in memoirs; an annotated bibliography] Kazan' v vospominaniiakh sovremennikov; annotirovannyi ukazatel'. Kazan', Gos. muzei Tatarskoi ASSR.

No. 1. 1800-1850 gg. 1955. 17 p.

No. 2. 1850-1900 gg. 1956. 23 p.

BIBLIOGRAPHY—LIGHTING

From the pages of foreign journals. Svetotekhnika 2 no.6:32 N '56.

BIBLIOGRAPHY—MACHINE TOOLS

Books. Stan.i instr. 27 no.10:43-44 O '56.

Dissertations. Stan.i instr. 27 no.10:44 O '56.

Periodicals. Stan.i instr. 27 no.10:44-45 O '56.

BIBLIOGRAPHY—MACHINERY—JUVENILE LITERATURE

Leningrad. Publichnaia biblioteka. [Powerful helpers (books about machines); a catalog of recommended literature for students in classes 3-5] Moguchie pomoshchniki (knigi o mashinakh); rekomendatel'nyi spisok literatury dlia uchashchikhsia 3-5-kh klassov. Leningrad, 1956. 23 p.

BIBLIOGRAPHY—MATERIALS—TESTING

Foreign books on testing methods received by the libraries. Zav.lab. 22 no.7:886 '56.

BIBLIOGRAPHY—MATHEMATICS

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika nos.8-9 '56.

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika no.10 '56.

BIBLIOGRAPHY—MEASURING INSTRUMENTS

Articles in periodicals. Priborostroenie no.10:32 O '56.

Dissertations for scientific degrees of candidates in technical science. Priborostroenie no.10:32 O '56.

New books. Priborostroenie no.10:30-31 O '56.

BIBLIOGRAPHY—MICHURIN, IVAN VLADIMIROVICH, 1855-1935

I.V.Michurin's published works and literature concerning him. Mich.uch.na sluzh.nar. no.3:235-230 '56.

BIBLIOGRAPHY—MICROBIOLOGY

[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia nos. 2, 9-10 '56.

BIBLIOGRAPHY—MINING ENGINEERING

Books and articles on mining. Gor.zhur. no.10:63-3 of cover. O '56.

BIBLIOGRAPHY—MOTION-PICTURE PLAYS

See these motion pictures. Sots.kul't. 0 no.10:46 O '56.

BIBLIOGRAPHY—MOTION PICTURES

In the "Iskusstvo" Publishing House. Isk.kino no.10: 90 O '56.

BIBLIOGRAPHY—MUNICIPAL SERVICES

New books on municipal economy. Gor.khoz.Mosk. 30 no.9:40 S '56.

New books published by the Publishing House of the Ministry of Communal Economy. Zhil.-kom.khoz. 6 no.6:31 '56.

BIBLIOGRAPHY—MUSIC

[Musical literature.] Muzykal'naia literatura no.25 '57.

[Musical literature.] Muzykal'naia literatura no.26 '56.

BIBLIOGRAPHY—NONFERROUS METALS

New technical publications. TSvet.met. 29 no.10:80-80 O '56.

BIBLIOGRAPHY—OILS AND FATS

Review of magazine articles on the oils and fats, perfume and cosmetics industries. Masl.-zhir.prom. 22 no.7:36-30 '56.

BIBLIOGRAPHY—ORTHOPEDIA

Author abstracts of dissertations in orthopedia, traumatology, tuberculosis of the bones and joints and prosthetics, defend in 1954. V.F.Trubnikov. Ortop., travm.i protez. no.6:84-86 N-D '55.

New books. Ortop., travm.i protez. 17 no.4:92 Jl-Ag '56.

BIBLIOGRAPHY—PAVLOVSKII, EVGENII NIKANOROVICH, 1884-

Akademiia nauk SSSR. Evgenii Nikanorovich Pavlovskii. Izd. 2-oe, ispr.i dop. Vstup.stat'ia G.S.Pervomaiskogo. Pod red. A.A.Strelkova. Bibl. sost. E.A.Kozak i dr. Moskva, 1956. 239 p. (Materialy k biobibliografii uchenykh SSSR. Seriia biologicheskikh nauk. Parazitologiia, no.1)

BIBLIOGRAPHY—PEAT BOGS

Literature on peat. Torf.prom. 33 no.7:40 '56.

BIBLIOGRAPHY—PEAT INDUSTRY

Literature on peat. Torf.prom. 33 no.7:40 '56.

BIBLIOGRAPHY—PETROLEUM INDUSTRY

New books. Gaz.prom. no.6:40 Je '56.

BIBLIOGRAPHY—PHYSICS

New books and articles on physics and astronomy. G.IA. Artiukhova. Fiz.v shkole 16 no.6:83-86 N-D '56.

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika nos.8-9 '56.

[Physics, mechanics, mathematics; classified index of articles in foreign periodicals] Fizika, mekhanika, matematika no.10 '56.

Topical index of articles published in the periodical "Fizika v shkole" in 1956. Fiz.v shkole 16 no.6: 93-96 N-D '56.

BIBLIOGRAPHY—PHYSIOLOGY

Bibliography. Biofizika 1 no.1:112 '56.

[Biophysics, biochemistry, physiology, microbiology.] Biofizika, biokhimiia, fiziologiia, mikrobiologiia nos. 2, 9-10 '56.

BIBLIOGRAPHY—POLITICAL SCIENCES

Book reviews. Mezhdunar.zhizn' no.11:146-153 N '56.

BIBLIOGRAPHY—POWER ENGINEERING

Dissertations. I.A.Shershanovskaia. Teploenergetika 3 no.11:94 N '56.

List of works published in the first half of 1956 by the Polzunov Central Boiler and Turbine Institute (to be continued). Energomashinostroenie no.11:32 N '56.

New books. Teploenergetika 3 no.12:91 D '56.

New books on power engineering. Elek.sta. 27 no.10:64 O '56.

BIBLIOGRAPHIY—PRECAST CONCRETE CONSTRUCTION

Bibliography. Nov.tekh.i pered.op.v stroi. 18 no.5: 31-3 of cover My '56.

BIBLIOGRAPHY—PROSPECTING

New books. Razved.i okh.nedr 21 no.3:63 My-Je '55.

BIBLIOGRAPHY—RADIO

New books. Radio no.11:63 N '56.

New books. Radiotekhnika 11 no.10:81 O '56.

BIBLIOGRAPHY—RAILROAD ENGINEERING

New books. Vest.TSNII MPS 15 no.1:63-64 Ag '56.

New books. Vest.TSNII MPS 15 no.2:64 S '56.

BIBLIOGRAPHY—ROADS

New books. Avt.dor. 19 no.10:29 O '56.

BIBLIOGRAPHY—RUSSIA—FOREIGN RELATIONS

Popov, A.A. [The foreign policy of the U.S.S.R. is a policy of peace; a bibliography] Vneshniaia politika SSSR - politika mira; ukazatel' literatury. Leningrad, Gos. publichnaia biblioteka im.M.E.Saltykova-Shchedrina, 1956. 70 p.

BIBLIOGRAPHY—RUSSIAN LITERATURE—HISTORY AND CRITICISM

New books on literature and art. I.Fedorov. Lit.v shkole 17 no.6:70-74 N-D '56.

BIBLIOGRAPHY—RUSSIAN LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES

Ryazan. Oblastnaia biblioteka. [New publications by modern writers of the peoples' democracies] Novye izdaniia proizvedenii sovremennykh pisatelei stran narodnoi demokratii. Riazan', 1956. 20 p.

BIBLIOGRAPHY—RUSSIAN PERIODICALS

Mashkova, M.V., and M.V.Sokurova. [General bibliographies of Russian periodical publications, 1703-1954, and statistical data on the Russian periodical press; an annotated bibliography] Obshchie bibliografii russkikh periodicheskikh izdanii 1703-1954 i materialy po statistike russkoi periodicheskoi pechati; annotirovannyi ukazatel'. Pod red. i so vstup. stat'ei P.N.Berkova. Leningrad, Gos. publichnaia biblioteka im. M.E. Saltykova-Shchedrina, 1956. 139 p. (Russkoi bibliografii)

BIBLIOGRAPHY—STALINGRAD PROVINCE

Akademiia nauk Kazakhskoi SSR, Alma-Ata. TSentral'naia nauchnaia biblioteka. [Stalingrad Canal zone (the northern part of the Caspian Depression; natural resources; the economy; the transformation of nature; economic development, and hydraulic construction. A bibliography] Zona Stalingradskogo kanala (Severnaia chast' Prikaspiiskoi nizmennosti); prirodnye usloviia, narodnoe khoziaistvo, preobrazovanie prirody, ekonomicheskoe osvoenie i gidrotekhnicheskoe stroitel'stvo. Bibliograficheskii ukazatel'. Alma-Ata, 1953. 181 p.

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

New books. Sots.tvar. 28 no.11:62 N '56.

BIBLIOGRAPHY—TECHNOLOGY

Leningrad. Publichnaia biblioteka. Spravochno-bibliograficheskii otdel. [Bulletin of bibliographical lists and references on technology and the physical and mathematical sciences, compiled in 1955 by the technical section of the reference department] Biulleten' bibliograficheskikh ukazatelei i spravok po tekhnike i fiziko-matematicheskim naukam sostavlennykh v 1955 g. gruppoi tekhniki Spravochno-bibliograficheskogo otdela. Leningrad, 1956. 17 p.

BIBLIOGRAPHY—TELECOMMUNICATION

New books. Elektrosviaz' 10 no.12:76 D '56.

BIBLIOGRAPHY—TEXTILE INDUSTRY

From pages of foreign journals. Tekst.prom. 16 no.11:71-72 N '56.

BIBLIOGRAPHY—TRACHOMA

Russian (pre-Revolutionary) dissertations on trachoma. A.A.Efremenko. Vest.oft. 69 no.5:94-95 S-O '56.

BIBLIOGRAPHY—TURNING

Granskii, V.L. [What the turner should read to improve his qualifications; a recommended reading list] Chto chitat' tokariu dlia povysheniia kvalifikatsii; rekomendatel'nyi ukazatel' literatury. Pod red. N.L.Dumchenko. Leningrad, Gos. publichnaia biblioteka im. M.E.Saltykova-Shchedrina, 1956. 99 p.

BIBLIOGRAPHY—UKRAINE

[Book chronicle.] Litopys knyh 33 nos.1-9 Ja-S '56.

BIBLIOGRAPHY—UKRAINE—MINERALOGY

Bibliography on mineralogy of the Ukraine for 1955. F.F.Maksimenko. Min.sbor. no.10:391-415 '56.

Literature on the mineralogy of the Ukraine for 1950. E.K.Lazarenko. Min.sbor. no.5:369-374 '51.

BIBLIOGRAPHY—WEST KAZAKHSTAN PROVINCE

Akademiia nauk Kazakhskoi SSR, Alma-Ata. TSentral'naia nauchnaia biblioteka. [Stalingrad Canal zone (the northern part of the Caspian Depression; natural resources; the economy; the transformation of nature; economic development, and hydraulic construction. A bibliography] Zona Stalingradskogo kanala (Severnaia chast' Prikaspiiskoi nizmennosti); prirodnye usloviia, narodnoe khoziaistvo, preobrazovanie prirody, ekonomicheskoe osvoenie i gidrotekhnicheskoe stroitel'stvo. Bibliograficheskii ukazatel'. Alma-Ata, 1953. 181 p.

BIBLIOGRAPHY—ZAPADNYY UZBOY

"Literature on Zapadnyy Uzboy; 1714-1950"; a bibliographical index. E.A.Kniazhetskaia. Reviewed by A.A. Strelkov, E.A.Kozak. Izv.AN Turk.SSR no.4:91-92 '56.

BICEPS BRACHII MUSCLE

Myoplasty in paralysis of the biceps brachii. G.I.Peisakhovich. Ortop., travm.i protez. 17 no.1:13-18 Ja-F '56.

BI

BILE DUCTS—TUMORS
Cysts of the common bile ducts. I. K. Murashov. Pediatriia 39 no. 4:74-78 Jl-Ag '56.

BILIARY TRACT—SURGERY
One-stage closure of an external biliary fistula according to E. V. Smirnov's method. P. A. Bendel'ston. Vest. khir. 77 no. 10:104-106 O '56.

BILIRUBIN
Tentative method for determining bilirubin in children. L. N. Turba. Lab. delo 2 no. 6:26 N-D '56.

BILLS OF EXCHANGE
Payment by means of remittances. E. Vainshtein. Den. i kred. 14 no. 11:43-44 N '56.

BINARY STARS see Stars, Double

BINS
Heated metal bin for mortars. Rats. i izobr. predl. v strol. no. 138:15-16 '56.

BIOCHEMISTRY
Asatiani, V.S. [Biochemical analysis] Biokhimicheskii analiz. Izd. 2-oe, dop. i ispr. Tbilisi, Gruzmedgiz. Pt. 2. [Microbiological methods. Gasometric methods] Mikrobiologicheskie metody. Gazometricheskie metody. 1955. 510 p.

BIOCHEMISTRY—BIBLIOGRAPHY see Bibliography—Biochemistry

BIOLOGICAL RESEARCH
Foreign biologists in the U. S. S. R. Izv. AN SSSR, Ser. biol. no. 5:117 S-O '56.
In the Office of the Section of Biological Sciences, Izv. AN SSSR, Ser. biol. no. 5:128 S-O '56.
Raise the level of theoretical science. Izv. AN SSSR, Ser. biol. no. 5:3-10 S-O '56.
Resolution of the general meeting of the Section of Biological Sciences, January 31, 1956. Izv. AN SSSR, Ser. biol. no. 5:124-125 S-O '56.
Soviet biologists abroad. Izv. AN SSSR, Ser. biol. no. 5: 115-117 S-O '56.

BIOLOGY
Astrobiology as a new segment of creative Darwinism. N. I. Suvorov. Trudy Sekt. astrobot. AN Kazakh. SSR 4:62-67 '55.
Mechnikov, I.I. [Collected works [Academy edition]] Akademicheskoe sobranie sochinenii. Red. kollegiia: F.G. Krotkov i dr. Moskva, Gos. izd-vo med. lit-ry. Vol. 12. (Red., posleslovie i primechaniia I.A. Piontkovskogo). 1956. 322 p.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—STUDY AND TEACHING
Bel'skaia, E.M., comp. [Problems in general science instruction in the teaching of biology; a collection of articles based on the practice of teachers in Uzbekistan] Voprosy politekhnicheskogo obucheniia v prepodavanii biologii; sbornik statei iz opyta raboty uchitelei Uzbekistana. Tashkent, Gos. uchebno-pedagog. izd-vo UzSSR, 1955. 217 p.
Boxes for laboratory studies in biology. V. M. Brazhnik. Est. v shkole no. 6:70-71 N-D '56.
Teaching biology in schools for working youth. G. M. Gorbunov, E. P. Polianskaia. Est. v shkole no. 6:53-57 N-D '56.

BIOPHYSICS—BIBLIOGRAPHY see Bibliography—Biophysics

BIOTIN
Processes of oxidation phosphorilation in extracts from the liver of biotin-deficient animals. O. N. Sytinskaia. Dokl. AN SSSR 110 no. 2:253-255 S '56.

BIRYUCHIY ISLAND—RED DEER
Influence of the severe winter of 1953/54 on the deers of Biryuchiy Island (Sea of Azov) [with English summary in insert]. G. I. Ishunin. Zool. zhur. 35 no. 9:1410-1414 S '56.

BISMUTH—THERAPEUTIC USE
Treatment of male genital tuberculosis with A. D. Speranskii's intravenous bismuth carbonate. L. IA. Khesin. Urologiia no. 4:27-30 O-D '55.

BISMUTH-PALLADIUM ALLOYS
Effect of uniform compression on the superconducting characteristics of the $\alpha$-and $\beta$-modifications of $Bi_2Pd$. N. E. Alekseevskii, I. I. Lifanov. Zhur. eksp. i teor. fiz. 30 no. 2:405-406 F '56.

BISMUTH-RHODIUM ALLOYS
Structure of superconductors. Part 9. X-ray determination of the structure of $\alpha$-$Bi_4Rh$. V. P. Glagoleva, G. S. Zhdanov. Zhur. eksp. i teor. fiz. 30 no. 2:248-251 F '56.

BISMUTH TITANATES—ELECTRIC PROPERTIES
Dielectric properties of bismuth titanates. G. I. Skanavi, A. I. Demesmina. Zhur. eksp. i teor. fiz." 31 no. 4:565-568 O '56.

BITUMEN
(see also subdivision under Georgia; Karaganda Basin)
Composition of the gas desorbed from the core sample in thermal analysis of bitumen. N. M. Turkel'taub, O. A. Kancheeva. Trudy VNIGNI no. 7:234-239 '56.

BITUMINOUS MATERIALS
Investigation of bituminous coatings applied by the cold method. A. G. Khanlarova, Kh. G. Mirbagirova. Trudy Gipromorneftі no. 1:103-128 '54.

BIURAKAN—MICROPHOTOMETER
The second self-recording microphotometer at the Biurakan Observatory. G. A. Gurzadian. Soob. Biur. obser. no. 18:29-32 '56.

BLACK EARTH see Chernozem soils

BLACK FLIES
Rubtsov, I. A. [Black flies (fam. Simulidae)] Moshki (sem. Simulidae). Moskva, Izd-vo Akademii nauk SSSR, 1956. 350 p. (Fauna SSSR, vol. 6, no. 6)

BLACK SEA—DIATOMS
"Diatoms in the plankton of the Black Sea" by A. I. Proshkina-Lavrenko. Reviewed by A. P. Zhuze, G. I. Semina, L. I. Smirnova. Bot. zhur. 41 no. 9:1225-1227 Ag '56.

BLACK SEA—MACKEREL
Effect of low temperatures on the stimulation of trophoplasmatic growth of oocytes in fishes. IU. O. Alcev. Dokl. AN SSSR 110 no. 3:491-493 S '56.

BLACK SEA REGION—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Quaternary deposits in the Black Sea-Caspian Basin (Manych strait). G. I. Popov. Nauch. trudy NPI 26:151-165 '55.

BLACK SEA REGION—HISTORY
Sholov, D.B. [The northern Black Sea region in ancient times] Antichnyi mir v Severnom Prichernomor'e. Moskva, Izd-vo Akademii nauk SSSR, 1956. 193 p.

BLACK SEA REGION—REVOLUTION, 1917-1921
Executive Committee of the Soviets of the Rumanian Front, the Black Sea Fleet, the Odessa District and the struggle to establish Soviet rule on the Rumanian front. I. G. Dykov. Ist. zap. no. 57:3-34 '56.

BLACK SEA REGION—SUGAR BEETS
Effect of potassium on the growth, yield, and composition of sugar beets. F. I. Zavgorodnii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:105-125 '46.

BLACK SEA REGION—TROPICAL FRUIT
Subtropical fruits on the Black Sea coast. G. Gutlev. Sad i og. no. 10:42-46 O '56.

BLADDER—ABNORMITIES AND DEFORMITIES
Experience with surgical treatment of congenital fissures of the bladder. A. I. Mikhel'son. Urologiia 21 no. 2: 45-49 Ap-Je '56.

BLADDER—CALCULUS see Calculi, Urinary

BLADDER—CANCER
Case of metastasis of hypernephroid cancer into the bladder. A. B. Baron. Urologiia no. 4:64-65 O-D '55.

BLADDER—FOREIGN BODIES
Case of a foreign body in the bladder (with total loss of retention of the urine). O. I. Biber. Urologiia 21 no. 3:62 Jl-S '56.
Case of migration of foreign bodies into the bladder. B. F. Martynenko. Urologiia no. 4:65-66 O-D '55.

BLADDER—HERNIA
A case of hernia of the bladder. N. A. Kudriavtseva. Urologiia 21 no. 1:60-62 Ja-Mr '56.

BLADDER—INNERVATION
Effect of stimulation of the receptors of the rectum and bladder on the amylolytic activity of blood. A. A. Loginov, R. S. Braikova. Uch. zap. AGU no. 3:65-70 '55.

BLADDER—RADIOGRAPHY
False calculus of the bladder. M. B. Abiev. Urologiia 21 no. 1:62-63 Ja-Mr '56.

BLADDER—SURGERY
Blind suture of the bladder. I. M. Derevianko. Urologiia 21 no. 3:47-53 Jl-S '56.

BLADDER—TUMORS
A case of a dermoid cyst of the bladder. V. M. Borisova. Urologiia 21 no. 3:61-62 Jl-S '56.
Cytodiagnostic method for bladder tumors. A. B. Malyshkevich. Urologiia 21 no. 1:51-52 Ja-Mr '56.
Echinococcosis of the small pelvis simulating tumor of the bladder. I. M. Derevianko. Urologiia no. 4:63 O-D '55.
Radiotherapy of bladder tumors; review of foreign literature. G. G. Taubkin. Urologiia 21 no. 3:64-73 Jl-S '56.
Surgical treatment of epithelial tumors of the bladder. S. Petkovich. Urologiia 21 no. 3:25-32 Jl-S '56.
Technic and results of suprapubic transvesical adenomectomy with a primary blind suture of the bladder. V. V. Gol'dberg Urologiia 21 no. 1:3-10 Ja-Mr '56.

BLADDER—WOUNDS AND INJURIES
Trauma of the bladder in connection with interruption of pregnancy. M. B. Plastunov. Urologiia 21 no. 1:26-29 Ja-Mr '56.

BLAST FURNACES
(see also subdivision under Dneprodzerzhinsk; Zhdanov)
Automatization of blast and open-hearth furnaces. A. K. Adabash'ian, V.IU.Kuganov. Priboroustroenie no. 10: 6-8 O '56.
Calculating foundation elements. IA. M. Nemirovskii. Strol. prom. 34 no. 10:30-33 O '56.
Effect of welding technology on geometrical dimensions of blast furnaces during their construction. N. E. Derezhaninov, I. I. Serzhant. Strol. prom. 34 no. 10:26-29 O '56.
Granular briquets as a new kind of blast furnace raw material. S. D. Davydov. Khim. v shkole 11 no. 6:16 N-D '56.
Novospasskii, A.F. [Modern blast furnaces] Sovremennaia domennaia pech'. Moskva, nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 394 p. [MICROFILM]

BLAST FURNACES—REPAIRING
Malykh, A.A. [Labor protection during the repair of blast furnaces] Okhrana truda pri remonte martenovskikh pechei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955. 114 p.

BLAST FURNACES—STANDARDS
Standard technical rules for building a 1513 cu. m. blast furnace. B. KH. IAkubman. Strol. prom. 34 no. 10:15-20 O '56.

BLASTING
Akademiia nauk SSSR, Institut gornogo dela. Mezhduvedomstvennaia komissiia po vzryvnomu delu. [Short-delay blasting in mine work; a collection of papers delivered at the conference on short-delay blasting] Korotkozamedlennoe vzryvanie v gornom dele; sbornik trudov soveshchaniia po korotkozamedlennomu vzryvaniiu. Pod obshchei red. D.A.Epova. Moskva, Ugletekhizdat, 1956. 78 p.
Determining delayed-action time in the case of directed blasting. P. S. Danchev. Trudy Inst. geol. KirFAN SSSR no. 5:13-20 '54.
Determining the optimum and minimum angles for blasting hole openings. P. A. Maklin. Nauch. trudy NPI 26:10-16 '55.

BLASTING—ELECTROMECHANICAL ANALOGIES
Applicability of the method of scale models for studying blasting. P. S. Danchev. Trudy Inst. geol. KirFAN SSSR no. 5:9-12 '54.

BLEACHING
Methods of oxygen bleaching of textile fabrics. M. P. Kozlov. Tekst. prom. 16 no. 11:34-36 N '56.

BLIND
(see also subdivision under United States)
Expediency of using the plastic operation for splitting the forearm in the blind. I. IA. Shternberg. Ortop., travm. i protez. 17 no. 2:61 Mr-Ap '56.
Skorokhodova, O.I. [How I perceive and imagine the world around me] Kak ia vosprinimaiu i predstavliaiu okruzhaiushchii mir. Izd. 2-oe. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 375 p.

BLOOD
Changes in the morphological picture and some physicochemical properties of the blood in plasma transfusions to patients with traumatic and postoperative shock. A. P. Zalkina, S. D. Podgaits. Vop. perel. krovi. 4:175-185 '55.
Early blood reaction to the effect of penetrating irradiation of rabbits in experiments. M. F. Aleksandrova. Med. rad. 1 no. 4:47-52 Jl-Ag '56.
Humoral factors in the blood following mud applications. A. A. Uzbekov, L. B. Ozieva. Biul. eksp. biol. i med. 42 no. 10:44-47 O '56.

BLOOD (Continued)
Regulation of regeneration of the blood and ways in which it can be studied. IA. G. Uzhanskii. Arkh. pat. 18 no. 6:29-35 '56.

BLOOD—ANALYSIS AND CHEMISTRY
Certain changes in physiological functions under mountain conditions. A. S. Shatalina. Trudy SAGU no. 59:26-69 '54.
Changes in the dielectric properties of the blood in horses during thermal inactivation. V. K. Tkach, V. G. Chervov. Sbor. trud. Khar'. vet. inst. 21:135-143 '56.
Determining amino nitrogen in blood by the ninhydrin method. IU. N. Kremer, A. L. Valtnere. Lab. delo 2 no. 6:3-6 '56.
Effect of excitation during restraint on the quantitative and morphological composition of peripheral blood in swine. S. I. Smirnov. Sbor. trud. Khar'. vet. inst. 21: 85-93 '56.
Effect of stimulation of the receptors of the rectum and bladder on the amylolytic activity of blood. A. A. Loginov, It. S. Bratkova. Uch. zap. AGU no. 3:65-70 '55.
Studying conditioned reflex changes in the blood under mountain conditions. A. I. Izrael'. Trudy SAGU no. 59: 3-15 '54.

BLOOD—CIRCULATION
Blood flow rate in the lesser circulation in rheumatism. M. N. Fateeva, K. K. Maslova. Mat. rad. 1 no. 4:76-81 Jl-Ag '56.
Conditioned response to blood circulation, respiration, and gas exchange in cattle [with summary in English]. P. F. Scidatenkov, S. M. Ganiushkina. Fiziol. zhur. 42 no. 10:893-897 O '56.
Dolgo-Saburov, B. A. [Anastomosis and collateral circulation in man] Anastomozy i puti okol'nogo krovoobrashcheniia u cheloveka. Izd. 3-e, perer. i dop. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 141 p.

BLOOD—COAGULATION
Some data on the effect of transfusing blood and its components on the blood coagulating system in patients with acute gastroduodenal hemorrhage in peptic ulcer. R. A. Geshvantner. Vop. perel. krovi. 4:107-115 '55.

BLOOD—COLLECTION AND PRESERVATION
Causes of early hemolysis of stored blood and ways to prevent it. E. G. Arlozorov. Vop. perel. krovi. 4:215-230 '55.
New method of preparing serum from the blood of donors with conservation of the globular mass for transfusions. Z. G. Arlozorov, IU. M. Orlenko, S. A. Lekarev. Vop. perel. krovi. 4:260-269 '55.
Resistance of erythrocytes from defibrinated blood during prolonged preservation. Z. G. Arlozorov, O. K. Gudeliuk, G. I. Freiman. Vop. perel. krovi. 4:242-248 '55.
Role of "midget ampules" for the bacteriological control of stored blood and its components at various stages of preservation. IU. M. Orlenko, P. T. Kozyr'. Vop. perel. krovi. 4:231-241 '55.

BLOOD—EXAMINATION
Changes inthe peripheral blood following cooling of the tonsils in chronic tonsillitis. V. S. Moshkovich. Zdrav. Kazakh. 16 no. 10:27-30 '56.
Determination of prothrombin in blood collected from a finger. R. M. Glants, S. A. Vainshtain, S. A. Lekarev. Vop. perel. krovi. 4:270-273 '55.

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION
Changes in the capillaroscopic picture under the effect of transfusion of blood and its components. N. N. Mitostanov, Z. G. Arlozorov, O. V. Glenbotskaia. Vop. perel. krovi. 4:58-69 '55.
Controlling the therapeutic effects of transfused blood. R. M. Glants. Vop. perel. krovi. 4:51-57 '55.
Cross reaction to individual blood compatibility and its role in the detection of isosensitization of the recipient. V. N. Krainskaia-Ignatova, IU. M. Orlenko, M. I. Chernenko. Vop. perel. krovi. 4:89-99 '55.
Effect of blood transfusion on the higher nervous activity in posthemorrhagic hypochromic anemia. E. G. Vodokhlebova. Arkh. pat. 18 no. 6:82-85 '56.
Effect of experimental blood transfusion on some aspects of adrenaline metabolism. N. I. Panchenko. Vop. perel. krovi. 4:34-42 '55.
Effect of functional disorders of the higher nervous activity on the course of posttransfusion shock in dogs. Kh. M. Markov. Arkh. pat. 18 no. 6:85-94 '56.
Effectropic factor in shock following transfusion of heterologous blood. R. A. Rutberg, M. L. Garfunkel'. Arkh. pat. 18 no. 6:94-99 '56.
Hemotherapy in radiation sickness. A. A. Bagdasarov, B. F. Belianova, L. S. Rogachova. Med. rad. 1 no. 5: 45-50 S-O '56.
Length of the existence of erythrocytes from transfused cells in a recipient's body. L. M. Drobashevskaia, N. A. Kolenko-Legezo. Vop. perel. krovi. 4:118-124 '55.
On the study of isoantigens and isoimmune antibodies in blood transfusion in dogs. V. M. Labunskii. Sbor. trud. Khar'. vet. inst. 21:413-424 '56.
Periarticular autoblood injections for treating habitual dislocations of the shoulder. A. I. Zubkova. Ortop., travm. i protez. 17 no. 3:67 My-Je '56.
Role of the nervous system in the mechanism of reactions following blood transfusions. Z. G. Arlozorov and others. Vop. perel. krovi. 4:43-50 '55.
Significance of forced arterial blood transfusion in compound therapy for severe forms of shock. E. M. Smirenskaia, K. S. Kiseleva, E. S. Zolotokrylina. Ortop., travm. i protez. no. 6:10-16 N-D '55.
Some data on the effect of transfusing blood and its components on the blood coagulating system in patients with acute gastroduodenal hemorrhages in peptic ulcer. R. A. Geshvantner. Vop. perel. krovi. 4:107-115 '55.
Some data on the role of the cerebral cortex in the pathogenesis of reactions occurring in transfusions of different type blood. Report No. 2. M. P. Brusnitsyna. Vop. perel. krovi. 4:19-25 '55.
Some data on the role of the nervous system in the pathogenesis of reactions occurring in transfusions of different type blood. Report no. 2. F. F. Ustkov. Vop. perel. krovi. 4:26-33 '55.
Studying methods for the prevention of anaphylactic reactions in transfusions of some heterogenous serum compounds. V. N. Krainskaia-Ignatova, M. I. Chernenko. Vop. perel. krovi. 4:97-104 '55.
Studying the mechanism of the action of transfused blood on the basis of the cortico-visceral reflex theory. R. M. Glants. Vop. perel. krovi. 4:7-18 '55.
Transfusion of cells and a study of its disintoxicating action. N. A. Kolenko-Legezo. Vop. perel. krovi. 4:125-132 '55.
Transfusion of the "intermediate layer" of stored blood in leucopenia, agranulocytosis, and thrombopenia. A. P. Zaikina and others. Vop. perel. krovi. 4:165-174 '55.
Twenty years' work of the Department of Surgery in the field of blood transfusion in animals. V. A. German. Sbor. trud. Khar'. vet. inst. 21:406-412 '56.

BLOOD, GASES IN
Blood gases and respiration in mitral insufficiency. N. M. Genin. Khirurgiia. 32 no. 8:35-39 Ag '56.

BLOOD DONORS see subdivision under Kharkov

BLOOD GROUPS
Problem of immunologic correlations between the human fetus and mother. Report no. 1: Isoserologic characteristics of retroplacental blood in mothers and of umbilical blood in newborn infants. L. S. Volkova. Biul. eksp. biol. i med. 42 no. 10:65-68 O '56.

BLOOD PLASMA
Changes in the opsonic index and complement titer in suppurative infections under the effect of plasmotherapy. P. T. Kozyr', M. A. Kotliar. Vop. perel. krovi. 4:155-164 '55.
Role of plasmatherapy in the combined treatment of suppurative and infectious diseases. M. A. Kotliar. Vop. perel. krovi. 4:133-144 '55.
Studying the changeability of the pyogenic coccal microflora of suppurative-inflammatory processes when treated with plasma combined with other drugs. Report no. 1. P. T. Kozyr'. Vop. perel. krovi. 4:145-154 '55.
Technical modifications of an apparatus for drying plasma by the method devised by the Central Division of the Leningrad Institute of Blood Transfusion. R. D. Averbakh. Vop. perel. krovi. 4:274-277 '55.

BLOOD PLASMA SUBSTITUTES
Blood plasma substitutes. V. B. Kozinov. Zdorov'e 2 no. 12:4-5 D '56.
New compound "chloride plasma" and its use in several diseases requiring surgery. IU. M. Orlenko. Vop. perel. krovi. 4:192-212 '55.
Nitrogen balance and regeneration of serum proteins in dogs exposed to a prolonged low-protein diet with intravenous administration of heterologous proteins. V. V. L'vova and others. Arkh. pat. 18 no. 6:99-109 '56.

BLOOD PLATELETS
Blood platelet change in acute radiation sickness. A. S. Petrova. Med. rad. 1 no. 4:52-56 Jl-Ag '56.

BLOOD PRESSURE
Certain characteristics of reflex regulation of blood circulation and respiration in surgical shock. S. G. Sherashov. Arkh. pat. 18 no. 5:70-76 '56.
Changes in arterial blood pressure in children who have had scarlet fever. M. K. Oskolkova. Pediatriia 30 no. 4:84 Jl-Ag '56.
Relation of venous pressure to the storage of blood in the spleen. I. P. Krichevskaia, E. G. Skipina. Fiziol. zhur. 42 no. 10:861-867 O '56.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PROTEINS
Amino nitrogen and blood proteins in various forms of epilepsy and its diagnostic significance; preliminary communication. K. I. Gurkina, P. V. Konnikova. Zhur. nevr. i psikh. 56 no. 10:807-810 O '56.
Nitrogen balance and regeneration of serum proteins in dogs exposed to a prolonged low-protein diet with intravenous administration of heterologous proteins. V. V. L'vova and others. Arkh. pat. 18 no. 6:99-109 '56.
Serum proteins in liver cirrhosis and in mitral defects. O. P. Samarina. Biul. eksp. biol. i med. 42 no. 10:28-33 O '56.

BLOOD SUGAR
Cell division and metabolic processes in the organism. Report no. 1: Mitotic activity and blood sugar. I. A. Utkin, L. P. Kostichenko, IU. P. Butnev. Biul. eksp. biol. i med. 42 no. 10:60-64 O '56.
Effect of morphine-pentothal narcosis on the utilization of sugar by an extremity in dogs under normal conditions and following autotransplantation. V. M. Kushko, G. M. Ivchenko. Biul. eksp. biol. i med. 42 no. 10:23-25 O '56.
Effect of the excitation of chemoreceptors of the small intestine on blood sugar content. A. I. Karaev, S. Mirataeva. Uch. zap. AGU no. 5:61-65 '55.
Glycemic curves in dogs following X-ray irradiation under anesthesia. B. M. Graevskaia, R. IA. Keilina. Med. rad. 1 no. 5:55-59 S-O '56.

BLOOD VESSELS
Tonkov, V. N. [Manual for the practice study of human blood vessels and nerves] Posobie k prakticheskomu izucheniiu sosudov i nervov cheloveka. Izd. 6., ispr. i dop. Leningrad, Medgiz, 1956. 119 p. illus. (DAFM)

BLOOD VESSELS—DISEASES
Clinical aspects of and balneotherapy in chronic obliterating diseases of the peripheral vessels. R. F. Akulova. Vop. kur. fizioter. i fiech. fiz. kul't. 21 no. 4:57-63 O-D '56.

BLOOD VOLUME
Volume changes in circulating blood in transpleural surgery. I. V. Shmelev, IU. S. Gilevich. Khirurgiia. 32 no. 8:7-13 Ag '56.

BOARDING SCHOOLS
(see also subdivision under Kaluga; Nesvizh)
Notes of a boarding school director (to be continued). V. Il'in. Nar. obr. no. 11:36-45 N '56.

BOARDINGHOUSES see Hotels, taverns, etc.

BOBROV, ZAKHAR STEPANOVICH, 1836-
The inventor Zakhar Bobrov. A. Kishin. Molokh. prom. 17 no. 7:46 '56.

BOBROVITSA DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION
More accountability to subscribers. A. Kundenko. Raspr. poch. no. 10:14 O '56.

BOBRUYSK DISTRICT—PEAT
Winning and the transportation of peat for fertilizer. P. G. Loiko. Kolkh. Bel. 4 no. 10:8-9 O '56.

BOBYNIN, VIKTOR VIKTOROVICH, 1849-1919
V. V. Bobynin and his works on the history of mathematics. V. P. Zubov. Trudy Inst. ist. est. i tekh. 15:277-322 '56.

BODY TEMPERATURE
Changes in the temperature reaction to pyrogens in total body X-irradiation of rabbits. N. A. Volokhova. Med. rad. 1 no. 4:25-30 Jl-Ag '56.

BOEV, SERGEI NIKOLAEVICH, 1905-
Sergei Nikolaevich Boev. I. G. Galuzo. Trudy Inst. zool. AN Kazakh. SSR 3:5-8 '55.

BOGOMOLETS, ALEKSANDR ALEKSANDROVICH, 1881-1946
In memory of Aleksandr Aleksandrovich Bogomolets, 1881-1946. I. M. Neiman. Arkh. pat. 18 no. 6:3-8 '56.

BOGORAZ, VLADIMIR GERMANOVICH, 1865-1936
V. G. Tan-Bogoraz's poetry. M. Voskoboinikov. Dal'. Vost. no. 5:180-182 S-O '56.

BOGS see Swamps

BOGUSHEVSK DISTRICT—GRAIN HANDLING
Collective farm threshing barns help preserve the harvest. D. S. Tiutiunov. Kolkh. Bel. 4 no. 8:8 Ag '56.

BOILERS
(see also subdivision under Czechoslovakia)
Adjustment and investigation of TP-230-3 boilers with slag-tap furnaces. I. K. Barshtein and others. Elek. sta. 27 no. 10:4-12 O '56.
At the "Krasnyi kotel'shchik" Plant: a note. V. I. Reznik. Energomashinostroenie no. 11:31 N '56.
Dynamic characteristics of once-through-type boilers. A. A. Davidov and others. Teploenergetika 3 no. 11: 19-25 N '56.
Experimental dynamic characteristics of controlled temperature zones in the 67-SP once-through-type boiler. V. M. Rushchinskii. Teploenergetika 3 no. 11:57-60 N '56.
Letter to the editor. N. V. Kuz'min, V. D. Zorichev. Teploenergetika 3 no. 12:58-59 D '56.

BOILERS (Continued)

Margulova, T. Kh. [Layout and thermal calculations for boiler installations] Komponovka i teplovoi raschet kotloagregata. Moskva, Gos. energ. izd-vo, 1956. 120 p.

The new PK-12 continuously operating coil boiler. Fiz. v shkole 16 no. 6:18-19 N-D '56.

Once-through type boiler for every high steam parameters. O. N. Dobrynin, Z. G. Model'. Energomashinostroenie no. 11:1-6 N '56.

Recommendations for designing natural circulation boilers for very high steam parametera. V. A. Lokshin, L. B. Krol', Teploenergetika 3 no. 11:3-10 N '56.

The 66-SP 300/215 once-through-type boiler for very high steam parameters. I. I. Koshelev, M. A. Ploskovitov. Teploenergetika 3 no. 11:10-18 N '56.

Starting and adjusting TP-150 boilers with shaft-type impact mills. P. IA. Timokhin. Elek. sta. 27 no. 10: 13-18 O '56.

BOILERS—ACCESSORIES

Adjusting accessory equipment of boiler installations. V. K. Tolmachev. Energetik 4 no. 11:16-19 N '56.

Sliding type of blowoff device for convective heating surfaces. V. S. Fomin. Energomashinostroenie no. 11:6 N '56.

Superheater damage due to leakage in noncontact desuperheaters. IA. L. Pekker. Elek. sta. 27 no. 10: 49-51 O '56.

BOILERS—AIR PREHEATING

Determining the optimal ratio of flow velocities in counterflow heat exchargers for gas-turbine installations. L. G. Gel'fenbein. Teploenergetika 3 no. 11:51-54 N '56.

BOILERS—SAFETY APPLIANCES

Impulse safety device for high-pressure and superpressure boilers. A. V. Matveev. Energomashinostroenie no. 11:23-24 N '56.

BOILERS—WELDING

Welding tubes to high-pressure boiler drums without subsequent heat treatment. L. I. Otrekh. Elek. sta. 27 no. 10:44-45 O '56.

BOILERS, MARINE

Wear resistance of metal in fire-tube boilers. M. I. Efimov. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:52-58 '54.

BOLDYREV, ANATOLII KAPITONOVICH, 1883-1946

In memory of A. K. Boldyrev. V. I. Mikheev, I. I. Shafranovskii. Min. sbor. no. 10:373-380 '56.

In memory of A. K. Boldyrev. V. I. Mikheev, I. I. Shafranovskii, A. V. Shubnikov. Kristallografiia 1 no. 3: 267-270 '56.

BOLGARY—ETHNOLOGY

Anthropological composition of the population of Bolgary in the 10th-15th centuries. T. A. Trofimova. Trudy Inst. etn. 33:73-145 '56.

BOLIVIA—TIN ORES

The colloidal theory of the origin of tin deposits of Bolivia, and some minerals contained in these deposits. Robert Gertsenberg. Min. sbor. no. 10:50-67 '56.

BOLOKAN, L.

Driver-innovator L. Bolokan. L. Liubchanskii. Avt. transp. 34 no. 10:35 O '56.

BOLTS AND NUTS—TESTING

Using indicators of ohmic resistance for measuring axial stresses in bolts. L. G. Rotnitskaia, L. P. Kara- 857 '56.

Treating patients with "styloiditis" in a polyclinic. T. I. Gliner. Ortop., travm. i protez. 17 no. 4:63 Jl-Ag '56.

BONES—RADIOGRAPHY

X-ray diagnosis of osteopecilia. S. I. Volkov. Ortop., travm. i protez. 17 no. 1:22-24 Ja-F '56.

BONES—SURGERY

Electric chain saw for sawing of bones. K. M. Sivash. Ortop., travm. i protez. no. 6:60-61 N-D '55.

Surgery for chronic osteomyelitis of tubular bones. V. D. Chaklin. Ortop.,travm. i protez. no. 5:21-26 S-O '55.

Surgical treatment of the so-called local fibrous dystrophy. N. P. Novachenko. Ortop., travm. i protez. 17 no. 4:3-9 Jl-Ag '56.

BONES—TRANSPLANTATION

Formation of bone regenerator as substitution of the proximal end of the femur after gunshot injury. N. P. Novachenko. Ortop.,travm. i protez. no. 5:18-21 S-O '55.

BONES—TUBERCULOSIS

Present state of medical aid in osteoarticular tuberculosis in R. S. F. S. R. P. G. Kornev. Ortop., travm. i protez. 17 no. 3:3-6 My-Je '56.

Principles of surgical treatment of osteoarticular tuberculosis. P. G. Kornev. Ortop., travm. i protez. no. 6:3-9 N-D '55.

Role of the nurse in caring for patients with tuberculosis of the bones and joints. V. I. Gershkovich. Med. sestra. 15 no. 11:10-11 N '56.

BONES—TUMORS

Minutes of the no. 107 joint session of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province and the Moscow Society of Radiologists. Ortop., travm. i protez. no. 6:78-79 N-D '56.

Transformation of local fibrous osteodystrophy into a sarcoma. V. F. Trubnikov, A. P. Skoblin. Ortop., travm. i protez. 17 no. 4:53-55 Jl-Ag '56.

Transformation of osteoblastoclastoma (a giant cell tumor) into a sarcoma. L. P. Kuz'mina. Ortop., travm. i protez. 17 no. 4:14-15 Jl-Ag '56.

BONES—WOUNDS AND INJURIES

Experience in the use of tomography in traumatology. A. IU. Deputovich. Ortop., travm. i protez. no. 6:52-54 N-D '55.

Prevention of staphylococcal infection in open experimental bone injuries by preliminary application of penicillin. E. G. Antonova. Ortop.,travm. i protez. no. 5:43-47 S-O '56.

BONUS SYSTEM
(see also subdivision under France)

Bonuses obtained as a result of the All-Union Socialist Competition. N. Gushchenko. Sots. trud no. 9:106-108 S '56.

BOOK INDUSTRIES AND TRADE

Specialization in the book industries. A. N. Panina. Nauch. trudy MPI no. 4:184-194 '56.

BOOKS—REVIEWS

Book review. Mezhdunar. zhizn' no. 10:156-159 O '56.

The bookshelf. Biurozka 33 no. 11:31 N '56.

The bookshelf. Sov. zhen. 12 no. 12:21 D '56.

Brief book reviews. Mol. komm. 14 no. 11:127-128 N '56.

[Chronicle of reviews.] Letopis' retsenzii no. 4 '56.

New books. Dal'. Vost. no. 5:187-192 S-O '56.

[illegible]notation of publication of the Academy [illegible]'. S. S. R. Vest. AN SSSR 26 no. 11:

BORATES

Correlation between borate and dextran. K. [illegible] Z. Mai, K. Muravskii. Biokhimiia 21 no. 5 [illegible] S-O '56.

BORIDES

Heats of formation of the borides of some transition metals [with English summary in insert]. G. V. [illegible] sonov. Zhur. fiz. khim. 30 no. 9:2057-2060 [illegible]

BORING

Chalishchev, A. M. [Drilling bore holes for water supply] Ustroistvo burovykh skvazhin dlia vodosnabzheniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 194 p.

Cost of prospecting. A. V. Tyzhnov. Razved. i okh. nedr 21 no. 5:31-36 S-O '55.

Determining the coordinates of measurements in boreholes. O. N. Golubintsev. Nauch. trudy NII [illegible] 206-233 '55.

Drilling deep boreholes through water-gas layers at Tararin. Razved. i okh. nedr 21 no. 3:54-56 Mr. [illegible] '55.

Effect of sand on well operation. V. M. Gavrilov. Razved. i okh. nedr. 21 no. 1:53-55 Ja-F '55.

Experiments in drilling holes in iron ore. V. G. Mosolov, V. I. Kharlamov. Nauch. trudy NII [illegible] 38 [illegible]

Further improvement of methods for planning [illegible] for geological work. N. N. Kalmykov. Razved. i okh. nedr 21 no. 6:58 N-D '55.

Improve the quality of boring shot. I. Kh. Ketsels. Razved. i okh. nedr 21 no. 3:30-36 My-Je '55.

Results of increasing water well boring. M. A. [illegible] A. A. Lelbushits. Razved. i okh. nedr. 21 no. 12 [illegible] Ja-F '55.

Russia (1923- U. S. S. R.) Ministerstvo geologii [Handbook of consolidated estimate norms for geological prospecting operations] Spravochnik ukrupnennykh sbornykh norm na geologo-razvedochnye raboty (SUNN). Moskva, Gos. izd-vo geol. lit-ry.
No. 7. [Rotary drilling] Rotornoe burenie [illegible] 175 p.

[MICROFILM]

Stopping a free-flowing well. V. A. Bogun. Razved. i okh. nedr. 21 no. 1:50 Ja-F '55.

Using the cone roller bit for boreholes. I. Chernov. Razved. i okh. nedr. 21 no. 1:29-30 '55.

BORING MACHINERY

Drills for the BIK-10 machine for boring holes in frozen ground. E. G. Korolova. Prom. energ. 11 no. 11: 25 N '56.

For extensive introduction of progressive technology in geological prospecting. Razved. i okh. nedr 21 no. 2:1-5 Mr-Ap '55.

Improving the quality of welded butt joints of drill pipes for geological test boring. Z. G. Napetvaridze, I. A. Shvartsman. Azerb. neft. khoz. 35 no. 7:36-37 Jl '56.

Increase the durability of drill casing. N. I. Ilinov. Razved. i okh. nedr 21 no. 5:21-31 S-O '55

New device for obtaining samples from soil layers and washes. D. P. Maliuga. Razved. i okh. nedr 21 no. 5:52-53 S-O '55.

New method for fastening the steel cable to the lead wheel of the KAM-500 rig. L. K. Savrasov. Razved. i okh. nedr. 21 no. 1:55-56 Ja-F '55.

Results of using vibrators for repairing well-drilling accidents. P. F. Pal'ianov. Razved. i okh. nedr 21 no. 1:56-57 Ja-F '54.

Self-orienting whipstock for well deflection. P. F. Pal'ianov. Razved. i okh. nedr 21 no. 5:56-57 S-O '55.

Steel shot-boring in rocks of varying hardness. M. L. Grigor'ev. Razved. i okh. nedr 20 no. 1:28-32 Ja-F '54.

BORON CHLORIDE
Coefficients of distribution between liquid and vapor BCl3 determined by means of chlorine isotopes M. IA. Kats, G. M. Kukavadze, R. L. Serdiuk. Zhur. tekh. fiz. 26 no. 10:2401-2402 O '56.

BORON HYDRIDES
Structure of boron hydrides. W. N. Lipscomb, W. Eberhardt, B. Crawford. M. E. Diatkina, (from J. Chem. Phys., 22, 985, 989, 1954). Usp. khim. 25 no. 10:1249-1266 O '56.

BORON OXIDES—SPECTRA
Infrared and Raman spectra of boric anhydride. Part 1. E. N. Lotkova and others. Opt. i spektr. 1 no. 6:772-782 O '56.

BOTANICAL CHEMISTRY
Kretovich, V.L. [Fundamentals of the biochemistry of plants] Osnovy biokhimii rastenii. Pod red. A.I.Oparina. Izd. 2-oe. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 497 p.

BOTANY
(see also subdivision under Armenia; Chernyye Zemli; Kazakhstan; Tuva Autonomous Province)
Basic problems and prospects in astrobotany. G. A. Tikhov. Trudy Sekt. astrobot. AN Kazakh. SSR 4:7-27 '55.
Is the existence of the vegetation on Mars refuted by V. G. Fesenkov's article? A. P. Kutyrova. Trudy Sekt. astrobot. AN Kazakh. SSR 3:269-271 '55.
Letter to the editor. N. M. Verzilin. Est. v shkole no. 6:82-84 N-D '56.
On academician V. G. Fesenkov's article "Aspects of vegetation on Mars." L. P. Golosnitskii. Trudy Sekt. astrobot. AN Kazakh. SSR 3:250-268 '55.
Possibilities of vegetation on Mars. A. N. Krishtofovich. Trudy Sekt. astrobot. AN Kazakh. SSR 3:17-20 '55.
Possibility of life on Mars. A. K. Suslov. Trudy Sekt. astrobot. AN Kazakh. SSR 3:272-273 '55.

BOTANY—ANATOMY
Changes in the anatomical structure of the aerial organs of plants due to potassium nutrition [with English summary in insert]. I. E. Rogalev. Fiziol. rast. 3 no. 5: 463-469 S-O '56.
Effect of growing conditions on changes in the anatomical structure of tomato plants. D. D. Brezhnev. Mich. sch. na sluzh. nar. no. 3:123-132 '55.

BOTANY—DICTIONARIES
Akademiia nauk SSSR. Bashkirskii filial, Ufa. Institut istorii, iazyka i literatury. [Russian-Bashkir and Bashkir-Russian dictionary of botanical terms] Terminologicheskii slovar' po botanike, russko-bashkirskii i bashkiro-russkii. Sost. N. Urazmetov, pod red. T. Bnisheva. Ufa, Bashgosizdat, 1952. 120 p. (NNC)

BOTANY—ECOLOGY see subdivision under Donets Valley; Mendy region; Siberia, Western

BOTANY—EMBRYOLOGY
First phases of embryonic development in cherries. N. A. Popova. Sad. vin. Mold. 11 no. 5:25-27 S-O '56.

BOTANY—GEOGRAPHICAL DISTRIBUTION see Phytogeography

BOTANY—HISTOLOGY see Plant cells and tissues

BOTANY—PHYSIOLOGY
Agrophysiological characteristics of vegetable crops. P. A. Vlasiuk, N. M. Shkvaruk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:300-310 '51.
Kliment Arkhad'evich Timiriazev, a classical figure in Soviet agrobiology. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:6-10 '51.
Uptake of substances by seeds from leaves of various tiers [with English summary in insert]. L. P. Zhdanova. Fiziol. rast. 3 no. 5:446-454 S-O '56.

BOTANY—STUDY AND TEACHING
Developing an understanding of the formation of organic substances in plants. N. V. Padalko. Est. v shkole no. 6:27-34 N-D '56.
Development of logical thought in students during botany classes. E. M. Bel'skaia. Est. v shkole no. 6:21-27 N-D '56.
"Elements of the method for teaching botany" by N. M. Verzilin. Reviewed by N. I. Shaposhnikov. Est. v shkole no. 6:76-82 N-D '56.

BOTANY—VARIATION
The effect of 2, 4-D preparations on formative processes in summer wheat [with English summary in insert]. I. A. Filippenko. Fiziol. rast. 3 no. 5:440-445 S-O '56.

BOTANY, ECONOMIC
[Technical and oilseed crops] Tekhnicheskie i maslichnye kul'tury nos. 7,12 11, D '56.

BOTANY, FOSSIL see Paleobotany

BOTANY, MEDICAL
(see also subdivision under Azerbaijan)
Effect of minerals fertilizers on the development and yield of medicinal plants. A. A. Popova. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:351-361 '51.

BOTTLE WASHING
Modern AMA-1 bottle washer. I. Ruban. Moloch. prom. 17 no. 7:37 '56.

BOXING
Aleksandrov, M. N. [The manly sport] Sport muzhestva. Izd. 2-e, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 41 p.

BRACHIOPODA, FOSSIL
Occurrence of dimorphism in Devonian Brachiopoda. Biul. MOIP, Otd. geol. 31 no. 4:111-112 Jl-Ag '56.

BRAIN
Functional biochemistry of the brain. A. V. Palladin. Izv. AN SSSR, Ser. biol. no. 5:11-22 S-O '56.
Investigation of the nitrogen-containing constituents in the brain of rabbits following prolonged sleep induced by soporifics. M. Sh. Promyslov. Dokl. AN SSSR 110 no. 3:417-420 S '56.

BRAIN—BLOOD SUPPLY
Air embolism of the brain vessels. A. IA. Gotomidov. Khirurgiia. 32 no. 8:77 Ag '56.
Effect of an increased and decreased oxygen content of inspired air on animals with cerebral anemia. P. V. Vasil'ev. Arkh. pat. 18 no. 5:87-88 '56.

BRAIN—CONCUSSIONS
Novikov, A. N. [Brain concussion; pathogenesis, clinical aspects and treatment] Sotriasenie mozga; patogenez, klinika i lechenie. Moskva, Medgiz, 1955. 166 p. (DAFM)

BRAIN—DISEASES
Effect of lesions of the cerebral hemispheres on the process of organization of necrotic tissues. IU. E. Arend. Arkh. pat. 18 no. 6:121-122 '56.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—TUMORS
Electroencephaloscopic studies on the bioelectric map of the cerebral cortex in cerebral tumors and injuries. M. N. Livanov, V. M. Anan'ev, N. P. Bekhtereva. Zhur. nevr. i psikh. 56 no. 10:776-790 O '56.

BRAIN—WOUNDS AND INJURIES
Functional state of the neuromuscular apparatus in patients with sequelae of cerebrocranial trauma and its modification during fangotherapy associated with exercise therapy. L. S. Drozdovskii. Zhur. nevr. i psikh. 56 no. 10:826-827 O '56.

BRAKES
Krylov, V.I. [Automatic brakes of locomotives] Aviotormoza lokomotivov. Izd. 4-oe, ispr. i dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 378 p.
Wear resistance of disk brakes built into electric motors. G. O. Feiler, B. P. Vil'man. Vest. elektroprom. 27 no. 11:60-64 N '56.

BRANDY
Is sulfurous acid necessary in making brandies. V. A. Maslov. Sad. vin. Mold. 11 no. 5:47-48 S-O '56.

BRASS
New technology in manufacturing of funnel-shaped machine parts. V. A. Bukanov. Med. prom. no. 4:31-32 O-D '55.

BRAZIL—WATER HYACINTHS
Water hyacinth, the scourge of tropic regions. Znan. sila 31 no. 11:33 N '56.

BRAZIL—WATER LILIES
Queen of Brazilian rivers. Znan. sila 31 no. 11:32 N '56.

BRAZIL—YOUTH
Youth devoid of youthfulness. B. Barreto. Mol. mira no. 10:20 '56.

BREAD
Auerman, L.IA. [Bread baking technology] Tekhnologiia khlebopecheniia. Izd. 6-oe, perer. i dop. Moskva, Pishchepromizdat, 1956. 466 p.

BREAST—DISEASES
Amount of 17-ketosteroids and pregnandiol in urine in normal women and in breast cancer and other mastopathies. I. A. Eskin, V. I. Kazhdan, O. V. Svintukhina. Probl. endok. i gorm. 2 no. 5:57-60 S-O '56.

BRECHT, BERTOLT, 1898-1956
The young Brecht. B. Reich. Inostr. lit. no. 11:232-236 N '56.

BREST PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION—ACCOUNTING
Put an end to lack of the personal responsibility and determine duties more exactly. M. Bogdanov. Raspr. pech. no. 5:16 O '56.

BRICK INDUSTRY
Studying the labor organization of related enterprises. A. Shchepkin. Sots. trud no. 9:84-87 S '56.

BRICKLAYING
Devices for bricklaying. Stroitel' 2 no. 8:11 Ag '56.
Izhikov, A. A., and A. P. Sedov. [Bricklaying and facing work] Kamennye i oblitsovochnye raboty. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 262 p.
Pirogov, N.D., and I.I. Kovalevskii. [Masonry and bricklaying] Kamennye i pechnye raboty. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 295 p.

BRICKLAYING—COLD WEATHER CONDITIONS
Efficient methods of laying bricks in winter construction work. A. Birkengof. Sel'. stroi. 11 no. 10:24-27 O '56.

BRICKMAKING
Zhukov, D. V. [Quick firing of bricks] Skorostnye rezhimy sushki kirpicha-syrtsa. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 27 p.

BRIDGE CONSTRUCTION
Some problems of the technical trends in bridge construction. A. IA. Zhuravlev. Avt. dor. 19 no. 10:23-24 O '56.

BRIDGES see subdivision under United States

BRIDGES, ARCHED see subdivision under Brazil

BRIDGES, CONCRETE
Designing and building large-span reinforced concrete bridges in cities. V. Granil'shchikov, I. Kuznetsov. Zhil.-kom. khoz. 6 no. 6:25-27 '56.
On the use of prestressed reinforced concrete in bridge supports. I. IA. Mednik. Trudy Khab. IIT no. 9:61-76 '56.
Problem of using prestressed reinforced concrete cantilever trusses in bridge spans and its solution. V. I Gnedovskii. Trudy Khab. IIT no. 9:4-28 '56.

BRAZIL—HYDROELECTRIC POWER

BRONCHI—TUMORS

Bronchial adenoma. T. I. Gordyshevskii. Khirurgiia. 32 no. 8:69-72 Ag '56.

BRUCELLA

Catalase activity in the Brucella. E. V. Koztovskii. Shor. trud. Khar'. vet. inst. 21:202-210 '56.

BRUCELLOSIS

Effect of defensive inhibition on the course of infection processes. Report no. 1. M. V. Revo, K. V. Shmalii. Shor. trud. Khar'. vet. inst. 22:223-231 '54.

Materials on the problem of Brucella migration. E. V. Kozlovskii. Shor. trud. Khar'. vet. inst. 22:232-247 '54.

On the problem of the nature of brucellosis serum antibodies. D. A. TSuverkalov. Shor. trud. Khar'. vet. inst. 22:218-222 '54.

Reservoirs of brucellosis in wild nature in the light of the teaching on the natural foci of diseases. I. G. Galuzo, M. M. Rementsova. Trudy Inst. zool. AN Kazakh. SSR 3:12-26 '55.

BRUEVICH, SEMEN VLADIMIROVICH, 1894-

Semen Vladimirovich Bruevich and a list of his scientific works; on the 40th anniversary of his scientific activity. P. I. Usachev. Trudy Inst. okean. 17:7-17 '56.

BRUSHES, ELECTRIC—QUALITY CONTROL

Determination of brush characteristics by statistical methods. P. S. Livshits. Vest. elektroprom. 27 no. 5:43-48 My '56.

BRUSSELS—PHYSIOLOGY—CONGRESSES

Results of the 20th International Congress of Physiologists. V. N. Chernigovskii. Vest. AN SSSR 26 no. 11:62-65 N '56

BRYANSK PROVINCE—COLLECTIVE FARMS

Planning operational centers on collective farms in Bryansk Province. F. Lebedeva. Sel'. stroi. 11 no. 10:12-15 O '56.

BRYANSK PROVINCE—VETERINARY HOSPITALS

Building of veterinary institutions in Bryansk Province. N. N. Nikonov. Veterinariia 33 no. 12:18-20 D '56.

BRYANSK PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Krivitskii, Aleksandr, and Pavel Krainov. [In Bryansk forests] V Brianskikh lesakh. [Orel] Izd-vo "Brianskii rabochii," 1956. 159 p.

BUCHAREST—TRACK ATHLETICS

International contests in Bucharest. B. Kosvintsev. Leg. atl. no. 11:25-28 N '56.

BUCKWHEAT

Growing phacelia for bees and for ensiling. N. Tolstikhin. Pchelovodstvo 33 no. 11:30-31 N '56.

Using vibrating screens in sorting grain and products from buckwheat scouring. V. M. TSetsinovskii. Trudy VNIIZ no. 31:90-136 '56.

BUCKWHEAT—VARIETIES

Biochemical characteristics of buckwheat varieties from various regions of the U. S. S. R. N. I. Sosedov, E. V. Bronshtein. Trufy VNIIZ no. 31:137-145 '56.

BUG RIVER—TREMATODA

Materials on the study of monogenic trematodes parasitic on the fishes of Southern Bug. T. O. Prymak (Lypa). Stud. nauk. pratsi no. 20:51-61 '56.

BUG VALLEY—CELADONITE

Celadonite of the Bug Valley. K. M. Malkova. Min. sbor. no. 10:305-318 '56.

BUGUL'MA—DESCRIPTION

The old and the new Bugul'ma. E. Mirolliubova. Neftianik. 1 no. 11:30-31 N '56.

BUILDING

(see also subdivision under Baku; Gorkiy Province; Great Britain; Kiev; Leningrad; Priokskiy District; Raychikhinsk; Semipalatinsk; Vilnius; Vologov Province; Warsaw)

Brief news. Sel'. stroi. 11 no. 10:31 O '56.

Builder's Day. Stroitel' 2 no. 8:1 Ag '56.

Builders overfulfill their norms. P. Bogodukhov. Sel'. stroi. 11 no. 10:8-9 O '56.

Dimov, Liubomir. [Using the method of the least squares for determining the most suitable level and plane; for the vertical cross-section of building sites] Primenenie sposoba naimen'shikh kvadratov k opredeleniiu naibolee podkhodiashchikh oformliaiushchikh priamykh i ploskostei; pri vertikal'noi planirovke stroitel'nykh ploshchadok. Perevod s bolgarskogo O. G. Ditts i A. I. Bolotina. Pod red. O. G. Ditts. Leningrad, Gos. izd-vo izd-vo lit-ry po stroit. i arkhitekture, 1956. 34 p.

From the pages of journals. Stroitel' 2 no. 2:28 F '56.

From the pages of journals. Stroitel' 2 no. 3:30 Mr '56.

In the Technical Council of the Ministry of the Construction Industry of the U. S. S. R. Nov. tekh. i pered. op. v stroi. 18 no. 5:31 My '56.

Increasing the quality of power construction work. Elek. sta. 27 no. 10:1-3 O '56.

Information. Sel'. stroi. 11 no. 10:32 O '56.

Kommunisticheskaia partiia Sovetskogo Soiuza. Moskovskii oblastnoi komitet. Otdel propagandy i agitatsii. [The agitator's notebook; special number devoted to rural building] Bloknot agitatora; spetsial'nyi vypusk posviashchennyi sel'skomu stroitel'stvu. [Moskva, Moskovskaia pravda, 1956] 143 p.

Letters from readers. Sel'. stroi. 11 no. 10:30-31 O '56.

New specialists in collective farm building. F. Sedlov. Sel'. stroi. 11 no. 10:20-21 O '56.

"Planning walls and roofs of buildings by taking into consideration physical and climatic influences." V. M. Il'inskii. Reviewed by V. N. Bogoslovskii and others. Stroi. prom. 34 no. 11:50-51 N '56.

Through our country. Stroitel' 2 no. 8:10 Ag '56.

Using preferred numbers in standardization of construction. A. F. Gai. Stroi. prom. 34 no. 11:28-34 N '56.

We are for mixed building crews. Stroitel' 2 no. 3:14-15 Mr '56.

We discuss problems of work organization. Stroitel' 2 no. 8:18 Ag '56.

Where there are no permanent building crews. A. Manevich. Sel'. stroi. 11 no. 10:21-22 O '56.

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—CONTRACTS AND SPECIFICATIONS

Technological specifications and diagrams. E. Bogushevich. Stroitel' 2 no. 2:20-22 F '56.

BUILDING, ADOBE

Adobe walls reinforced with reeds. A. Volgarev. Sel'. stroi. 11 no. 10:16-17 O '56.

Building hollow walls with adobe blocks. M. Platnev, V. Ostapchuk. Sel'. stroi. 11 no. 10:17-18 O '56.

BUILDING, CONCRETE see Concrete construction

BUILDING BLOCKS

Built of large silicate blocks. A. Sivko. Stroitel' 2 no. 3:8 Mr '56.

Standard sizes for large silicate blocks. IU. L. Moizhes. Stroi. prom. 34 no. 10:34-38 O '56.

Universal standard blocks for multistory buildings of the chemical industry. M. E. Ostrovskii. Stroi. prom. 34 no. 11:19-24 N '56.

Using large blocks made of shell rock. P. Lipkin, B. Vladimirov, V. Budrik. Stroitel' 2 no. 3:15 Mr '56.

Wall blocks made without cement and firing. V. A. Tereshchenko. Stroi. prom. 34 no. 11:35 N '56.

BUILDING INDUSTRY see Construction industry

BUILDING MACHINERY

(see also subdivision under Great Britain)

Building and road machinery. V. V. Semkovskii. Mekh. stroi 13 no. 11:26-30 N '56.

Building machinery and tools. Stroitel' 2 no. 8:30 Ag '56.

Concrete placer for construction yards. P. F. Korzhov. Stroi. prom. 34 no. 11:36 N '56.

Device for heating water and oil in lubricating building machinery. Rats. i izobr. predl. v stroi. no. 140:33-35 '56.

Method for leveling the surface of rolling trays used for making large reinforced concrete products. B. L. Skliar. Mekh. stroi 13 no. 11:23-26 N '56.

New building machinery. Stroitel' 2 no. 2:26 F '56.

New building machinery. Stroitel' 2 no. 3:31 Mr '56.

New mechanical tools and machines for construction and finishing work. V. N. Barmash. Stroi. i dor. machinostr. no. 11:25-30 N '56.

The over-all mechanization of building is an important task of the government. Mekh. stroi 13 no. 11:1-2 N '56.

Recommended inventions and technical improvements. Nov. tekh. i pered. op. v stroi. 18 no. 5:29-31 My '56.

BUILDING MACHINERY—BIBLIOGRAPHY see Bibliography—Building machinery

BUILDING MACHINERY—EXHIBITIONS see subdivision under Moscow

BUILDING MACHINERY INDUSTRY

Building and road machinery industry in the sixth five-year plan. E. S. Novoselov. Mekh. stroi 13 no. 11:5-11 N '56.

BUILDING MATERIALS

Brand, V. E., E. P. Baturlinskii, and N. B. Kulikovskaia. [The use of reeds in industrial house construction] Primenenie kamysha v zavodskom domostroenii. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 108 p. (V pomoshch' stroiteliu)

Using large blocks made of shell rock. P. Lipkin, B. Vladimirov, V. Budrik. Stroitel' 2 no. 3:15 Mr '56.

BUILDING MATERIALS—COSTS

Important means for reducing building material costs. A. Dain. Fin. SSSR 17 no. 11:55-61 N '56.

BUILDING MATERIALS—PRICES

[Handbook of prices of building materials and equipment] Spravochnik tsen na stroitel'nye materialy i oborudovanie. Moskva, Gosfinizdat.

Pt. 1. [Materials] Materialy. 1956.

Pt. 2. [Equipment] Oborudovanie. 1956.

(DS PHOTOSTAT)

BUILDING MATERIALS INDUSTRY

Anikeev, I. IA. [Hydromechanization in the mining and quarrying of industrial building materials] Gidromekhanizatsiia na kar'erakh promyshlennosti stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 199 p.

Development of the production of equipment for the building materials industry is one of the most important tasks for the Ministry. K. M. Barliaev. Stroi. i dor. mashinostr. no. 11:8-12 N '56.

Improving the organization of nonmineral building materials production. A. Dain. Plan. khoz. no. 5:92-96 '56.

BUILDING TRADES—STUDY AND TEACHING

Stavropol school for master builders. P. Lipkin. Sel'. stroi. 11 no. 10:19-20 O '56.

BUILDINGS, FARM see Farm buildings

BUILDINGS, INDUSTRIAL see Industrial buildings

BUILDINGS, MUNICIPAL see subdivision 'Municipal buildings' under Peiping

BULAEVO DISTRICT—STATE FARMS

Lavish summer; a sketch. B. Petrov. Sov. Kazakh. 33 no. 9:13-18 S '56.

BULGAKOV, MIKHAIL AFANAS'EVICH, 1891-1940

Notes on Bulgakov's dramaturgy. V. Kaverin. Teatr. 17 no. 10:68-73 O '56.

BULGARIA—AGRICULTURE

Agriculture in Bulgaria. N. Popov. Sots. sel'khoz. 17 no. 7:84-89 '56.

BULGARIA—AGRICULTURE, COOPERATIVE

Socialist reconstruction of agriculture in the Bulgarian People's Republic. V. S. Petrov. Pratsi kaf. susp. mova L'viv. un. no. 1:96-106 '54.

BULGARIA—EUROPEAN WAR, 1914-1918

Struggle of the Bulgarian Workers' Social Democratic Party (Left-wing Socialists) against the First World War; 1914-1918. V. I. Vladimirskaia. Uch. zap. inst. slav. 14:3-55 '56.

BULGARIA—FISHERIES

From the pages of the new Bulgarian periodical ("Riben stopanstvo" [Fishing Industry], all issues of 1955 and no. 1, 1956. Reviewed by V. M. Naumov). Ryb. khoz. 32 no. 11:93-96 N '56.

BULGARIA—HISTORY

Dawn of socialism and freedom. B. Boev. Slaviane no. 11:11-16 N '56.

Social and economic bases of the movement for reunion in southern Bulgaria in 1879-1885. K. L. Strukova. Uch. zap. inst. slav. 14:56-82 '56.

BULGARIA—LABOR AND LABORING CLASSES

Chastukhin, I. N. [Workers' movement in Bulgaria from 1918 to 1939] Rabochee dvizhenie v Bolgarii v 1918-1939 godakh. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 28 p.

BULGARIA—LEAD—METALLURGY

Lead and zinc plant in the People's Republic of Bulgaria. I. Iodanov, D. Dimitrov. TSvet. met. 29 no. 10:13-18 O '56.

BULGARIA—PEASANTRY

The peasantry of western and southwestern Bulgaria in the 11th and 12th centuries. G. G. Litavrin. Uch. zap. inst. slav. 14:226-250 '56.

BULGARIA—PHYTOGEOGRAPHY

Botanical and geographical description of Bulgaria. N. A. Stoianov. Bot. zhur. 41 no. 8:1123-1136 Ag '56.

BULGARIA—SUGAR BEETS

Some problems of beet growing in Bulgaria. G. Rozen. Sakh. svekl. no. 7:46-47 S '56.

BULGARIA—THEATER

Notes on the present-day Bulgarian Theater. IU. Ognianova. Teatr. 17 no. 10:146-153 O '56.

BULGARIA—VEGETABLE GARDENING

Vegetable gardening in Bulgaria. D. I. Latyshev. Sovkhoz. proizv. no. 10:74-76 O '56.

BULGARIA—ZINC—METALLURGY

Lead and zinc plant in the People's Republic of Bulgaria. I. Iodanov, D. Dimitrov. TSvet. met. 29 no. 10:13-18 O '56.

BULGARIAN JOURNALISTS see subdivision 'Journalists, Bulgarian' under Korea, North

BULGARIAN LANGUAGE—DICTIONARIES—RUSSIAN
Semenova, I.P., and V.V.Savost'ianov, comps. [Concise Bulgarian-Russian and Russian-Bulgarian dictionary of foreign trade terms]Kratkii bolgarsko-russkii i russko-bolgarskii vneshnetorgovyi slovar'. Moskva, Vneshtorgizdat, 1956. 235 p.

BULGARIAN LITERATURE—TRANSLATIONS FROM RUSSIAN
Soviet fiction in Bulgaria. Todor Borov. Slaviane no. 11: 30-35 N '56.

BULGARIANS see subdivision under Kaybely

BULLDOZERS
Dozer blade shoes. I. S. Nagorskii. Trudy Inst. torf. AN BSSR 5:157-164 '56.
Using D-271 bulldozers in earthwork. M. Ritov. Stroitel' 2 no. 3:10-12 Mr '56.
Using the T-107 tractor loader instead of a bulldozer. Rats. i izobr. predl. v strol. no. 140:16-17 '56.

BUMBLEBEES
Contribution to the taxonomy of bumble-bees (Hymenoptera, Bombinae), including a description of new forms [with English summary in insert]. D. V. Panfilov. Zool. zhur. 35 no. 9:1325-1334 S '56.

BUOYS
Computing coordinates of a radio buoy drifting in the open sea. V. P. Kozhukhov. Vest. Len. un. 11 no. 18:143-145 '56.

BUREVICH, SEMEN VLADIMIROVICH, 1894- —— BIBLIOGRAPHY see Bibliography—Burevich, Semen Vladimirovich, 1894-

BURIAL
An interpretation of Mousterian graves; was Neanderthal man religious? V. F. Zybkovets. Vop. ist. rel. i ateiz. no. 4:104-119 '56.

BURMA—HISTORY
Partisan war of the Burmese people against the English occupiers in 1885-1886. L. N. Zhuravleva. Uch. zap. Ped. inst. Gertz. 102:273-311 '55.

BURNS AND SCALDS
Burns of the eyes by alkali glue. V. V. Krasnovidov, O. A. Dzhal'iashvili. Vest. oft. 39 no. 5:69 S-O '56.
Liver nucleic acid content in case of thermal burns of the skin [with summary in English]. P. M. Bollaev. Vop. med. khim. 2 no. 5:359-362 S-O '56.
Pathogenesis and therapy of contractures of the hand and fingers. V. N. Blokhin. Ortop., travm. i protez. no. 5: 34-39 S-O '55.
Successful treatment of an extensive thermal burn. V. P. Selivanov. Ortop., travm. i protez. 17 no. 1:59-61 Ja-F '56.

BURSAE MUCOSAE—DISEASES
Bursitis in miners. A. V. Shmuller. Ortop., travm. i protez. no. 6:55-59 N-D '55.

BUS BARS, ELECTRIC see Electric bus bars

BUSES see Motorbuses

BUSINESS ARITHMETIC see Arithmetic, Commercial

BUTANE
Gas initiation of liquified butane oxidation process at temperatures close to the critical temperature. N. M. Emanuel'. Dokl. AN SSSR 110 no. 2:245-248 S '56.

BUTENE—SPECTRA
Vibration spectra of olefins. Part 3. Calculation and interpretation of the vibration spectra of cis- and trans-buten-2 and tetramethylethylene. L. M. Sverdlov. Opt. i spektr. 1 no. 6:752-764 O '56.

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828-1886
Aleksandr Mikhailovich Butlerov in private and family life. S. F. Glinka. Trudy Inst. ist. est. i tekh. 12:182-199 '56.
Moscow lecture on Butlerov (edited and commented by Iu. S. Musabekov). V. V. Markovnikov. Trudy Inst. ist. est. i tekh. 12:135-181 '56.

BUTTER
Butter. M. Butnikov. Ukraina no. 22:26 N '56.

BY-PRODUCTS see Waste products

BYZANTINE EMPIRE—PAULICIANS
History of the Paulician movement in Byzantium in the ninth century. K. N. Iuzbashian. Vop. ist. rel. i ateiz. no. 4:246-279 '56.

CABBAGE
(see also subdivision under Daghestan)
Effect of organomineral mixtures on the yield of raw cotton and cabbage. R. K. Guseinov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:83-96 '55.

CABBAGE—DISEASE AND PEST RESISTANCE
Root nutrition and the resistance of cabbage seedlings to vascular bacteriosis [with English summary in insert]. A. S. Ryzhkova. Fiziol. rast. 3 no. 5:399-404 S-O '56.

CABLES
Automatic machine for cutting and cleaning cable. P. S. Bubenkov. Stroi. i dor. mashinostr. no. 11:36-39 N '56.
Device for controlling the conditions of mine cables. O. S. Bondarchuk, O. I. Iashchin. Dop. AN URSR no. 4:359-361 '56.
Dynamic stress in sudden loading of the lower end of a mine cable in relation to polynomials analogous to Laguerre polynomials. I. M. Denysiuk. Dop. AN URSR no. 2:127-129 '56.
Fitter V. Boldovskii's suggestions. K. Vladimirov. Stroitel' 2 no. 2:10 F '56.
Russia (1923- U.S.S.R.) Ministerstvo sviazi. Glavnoe upravlenie liniino-kabel'nogo khoziaistva. [Provisional instructions on planning the protection of interurban cables from corrosion] Vremennaia instruktsiia po proektirovaniiu zashchity mezhdugorodnykh kabelei ot korrozii. Moskva, Svinz'izdat, 1954. 52 p. [MICROFILM]

CABLES, ELECTRIC see Electric cables

CABLES, TELEPHONE see Telephone cables

CADMIUM ALLOYS
Electron diffraction examination of the structure of thin layers of cadmium sulfied, cadmium selenide and cadmium telluride. S. A. Semiletov. Kristallografiia 1 no. 4 306-310 '56.

CADMIUM-MERCURY ALLOYS
Investigating mercury diffusion coefficients in mercury-cadmium alloys in the 90 - 180° C temperature range. S. D. Bertsriken, M. H. Butsik, M. D. Al'bert. Nauk. zap. Kiev. un. 9 no. 2:49-52 '50.

CADMIUM-SILVER ALLOYS see Silver-Cadmium alloys

CAFFEINE
Effect of certain soporifics and stimulants on the wound organization process (in the liver). U. IA. Podar. Arkh. pat. 18 no. 6:122-123 '56.

CAKE
New-year's cake. P. Pastukhov. Krest'ianka 35 no. 12: 30-31 D '56.
Vanilla cake. Rab. i stal. 32 no. 12:23 D '56.

CALCIFICATION
Pathology of calcinosis of the soft tissue. IA. L. Rapoport, M. S. Zhukhovitskii. Arkh. pat. 18 no. 5:74-77 '56.

CALCITE
(see also subdivision under Izyum region)
Results of a thermometric study of calcites. G. G. Grushkin. Zap. Uz. otd. Vses. min. ob-va no. 6:109-115 '54.

CALCIUM—ANALYSIS
Determining calcium and magnesium in soil extracts by titration in one solution. Z. F. Kopteva. Izv. TSKhA no. 2:233-235 '56.
Method for determining small amounts of calcium in brine. A. L. Gol'dinov, B. S. Roginskaia. Zav. lab. 22 no. 7:801-802 '56.

CALCIUM CARBONATE
Clarification rate of caustic soda solutions in relation to the temperature of lime calcination. E. V. Perov. Nauch. trudy NPI 26:265-267 '55.

CALCIUM FLUORIDE
Volumetric-analytical determination of calcium fluoride. Sh. T. Talipov, Z. T. Maksimychova, B. K. Vandyshova. Trudy SAGU no. 55:151-154 '54.

CALCIUM METABOLISM
Effect of the quality and quantity of fat in food on utilization of calcium by growing animals. E. N. Vasil'eva. Vop. pit. 15 no. 6:11-16 N-D '56.

CALCULATING MACHINES
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Computer Engineering.] Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika nos. 1-3 Ja '57.
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Computer Engineering.] Ekspress-informatsiia. Seriia: Vychislitel'naia tekhnika nos. 32-36 Ag-S '56.

CALCULI
Calculi of the prostate. A. S. Kalugin. Urologiia 21 no. 1:66-66 Ja-Mr '56.

CALCULI, URINARY
A case of renal resection for calculous hydrocalicosis; technic of renal resection. B. S. Gekhman. Urologiia 21 no. 1:63-65 Ja-Mr '56.
Clinico-anatomic reasons for a curved suprapubic extraperitoneal in calculi of the pelvic ureter. V. S. Karpenko. Urologiia 21 no. 1:21-26 Ja-Mr '56.
Combined calculi and cancer of the kidney. M. D. Dzhavad-Zade, V. D. Arutiunov. Urologiia 21 no. 1:69-71 Ja-Mr '56.
False calculus of the bladder. M. B. Abiev. Urologiia 21 no. 1:62-63 Ja-Mr '56.
"Renal calculi" by V. I. Vorobtsov. Reviewed by A. M. Gasparian, A. IA. Pytel'. Urologiia no. 4:86-88 O-D '55.
Spontaneous rupture of the renal pelvis with expulsion of calculi into the perirenal tissue; secondary renal atrophy. A. I. IAkimidi. Urologiia no. 4:50 O-D '55.

CALENDARS
"Calendar for women." Z. Gureva. Rabotnitsa 34 no. 12:30 D '56.
Calendar systems and chronology. B. Alekseev. Ogonek 34 no. 49:31 N '56.

CALENDARS OF ANNIVERSARIES see Anniversary calendar

CALIFORNIA—LABOR AND LABORING CLASSES
He builds airplanes. Amerika no. 3:12-17 '56.

CALLOSITIES
My method of removing callosities. A. F. Berdieav. Fel'd. i akush. 21 no. 11:44 N '56.
On the problem of treating callosities. P. I. Afanas'ev. Fel'd. i akush. 21 no. 11:42 N '56.
Removing callosities and warts with a single operation. K. I. Pavlov. Fel'd. i akush. 21 no. 11:44-45 N '56.
Treating callosities. Andriushkevich. Fel'd. i akush. 21 no. 11:43 N '56.
Treating callosities with a salicylic acid-mercuric sulfate paste. M. I. Polilov. Fel'd. i akush. 21 no. 11: 43 N '56.

CALLOT, JACQUES, 1592?-1635
Inclusion of J. Callot's drawings in an unnamed series of 17th century engravings. A. S. Glikman. Trudy Gos. ermit. 1:101-108 '56.

CALLUS
Formation of callus in radiation sickness; experimental research. A. G. Zemlianoi. Med. rad. 1 no. 5:72-74 S-O '56.

CALVES
Valuable experience in keeping and raising calves. T. G. Nikulin, P. IA. Konopel'ko. Kolkh. Bel. 4 no. 10:10 O '56.

CALVES—DISEASES
Prevention and treatment of toxic dyspepsia in calves. M. I. Aizatullov. Veterinariia 33 no. 12:41-46 D '56.
Treating diplococcal diseases in calves. A. Akhmedov, I. Kiamolov, I. Vanesian. Veterinariia 33 no. 12:27-28 D '56.

CALVES—FEEDING AND FEEDING STUFFS
Eliminate barrenness and death. N. F. Polikov. Nauka i pered. op. v sel'khoz. no. 10:32-34 O '56.
One cow feeds two calves. I. G. Kuz'min. Sel'khoz. Povol. no. 10:58-61 O '56.
Our method of raising calves. V. V. Pillugin. Veterinariia 33 no. 12:24-25 D '56.

CAMELS—DISEASES AND PESTS
Coccidia of camels in western Kazakhstan. A. A. TSygankov. Trudy Inst. zool. AN Kazakh. SSR 5:102 '56.
Dynamics and paths of the infection of camels with Coccidia. A. A. TSygankov. Trudy Inst. zool. AN Kazakh. SSR 3:140-150 '55.

CAMS
One-piece cams and spare parts for lathe chucks. I. Ivanov. Stan. i instr. 27 no. 10:39-40 O '56.

CANADA—HISTORY—PERIODICALS
A review of "The Canadian historical review" for 1941-1955. P. E. Osipova. Vop. ist. no. 8:208-217 Ag '56.

CANADA—UKRAINIANS
A month among the people who march toward the sun. John Vir. Slaviane no. 11:48-52 N '56.
[New Pathway Jubilee Book, 1930-1955, and almanac for 1956-1957] IUvileina knyha "Novoho Shliakhu" 1930-1955 i kalendar al'manakh na 1956-1957 r. Winnipeg, 1956. 320 p.
Prosvita society in Fort William, Ontario. [Golden jubilee; articles and memoirs marking the 50th anniversary of the founding of the "Prosvita" Society in Fort William, Ontario, 1906-1956] Zolotyi iuvilei; statti i spomyny z nahody 50-littia tovarystva "Prosvita" u Fort Williami, Ontario, Winnipeg, 1956, 93 p.

CANADA—YOUTH
Parliament of Canadian youth. Ben Chock. Mol. mira no. 10:17 '56.

CANALS
Movement of a vessel in a narrow channel allowing for changes in the size of the waterway. L. I. IAnkovskii. Izv. Inst. gidrol. i gidr. AN URSR no. 14:66-75 '56.
Problem of calculating the slope and width of stabilized self-forming channels. M. S. Vyzgo. Vop. gidr. no. 1: 6-23 '55.

CANCER
Etiology of cancer. L. A. Zil'ber. Zdrav. Kazakh. 16 no. 10:3-7 '56.

CANDLES
History of stearin-olein and candle production in Russia (I. P. Ilimov's work). A. S. Kliuchevich. Trudy Inst. ist. est. i tekh. 12:338-352 '56.

CANNING AND PRESERVING
How to pickle apples. A. S. Androsik. Sad i og. no. 10: 77 O '56.

CAPILLARIES
Changes in the capillaroscopic picture under the effect of transfusion of blood and its components. N. N. Milostanov, Z. G. Artozorov, O. V. Glenbotskaia. Vop. perel. krovi. 4:58-69 '55.

CAPITALISM
(see also subdivision under Japan; Poland)
Basic economic law of monopoly capitalism. I. M. Beilis. Uch. zap. KHGU 63:67-88 '55.
A discussion on the development of capitalism in post-Reform Russia. N. A. Doldobanova. Vop. ist. no. 8: 196-198 Ag '56.
"State-monopoly capitalism" by I. Kuz'minov. Reviewed by V. Glushkov. Mezhdunar. zhizn' no. 11:139-143 N '56.

CAPONS AND CAPONIZING
Caponizing cocks. N. E. Shalduga. Sbor. trud. Khar'. vet. inst. 21:453-465 '56.

CAR AXLES
Dynamics of the leading pair of wheels when the axle bearings are worn. V. T. Sereda. Trudy KHIIT no. 26: 80-111 '56.
Results of experimental use of roller bearing axles on electric locomotives. I. M. Semenov. Vest. TSNII MPS 15 no. 1:36-40 Ag '56.

CAR COUPLINGS
From the editor's mail. Vest. TSNII MPS 15 no. 1:58 Ag '56.

CAR WHEELS
(see also subdivision under Great Britain)
Dynamics of the leading pair of wheels when the axle bearings are worn. V. T. Sereda. Trudy KHIIT no. 26: 80-111 '56.
Equations for the movement of a wheel with cushioned element along a curve of elastic-deforming material. D. G. Kovtun. Trudy KHIIT no. 26:180-186 '56.
Equipping cars with roller bearings. A. A. Amelina, I. I. Meleshkin. Zhel. dor. transp. 38 no. 11:22-27 N '56.
Investigation of stability of movement of pairs of wheels in relation to jumping the track. A. F. Subbotin. Trudy TASHIIT no. 5:142-156 '56.

CAR WHEELS—WELDING
Application of automatic seam welding in the railroad car industry. S. A. Vas'kovskii. Zhel. dor. transp. 38 no. 11:28-31 N '56.

CARBOHYDRATE METABOLISM
Participation of $C^{14}$, taken up by plants from soil carbonates, in the biosynthesis of carbohydrates. P. A. Vlasiuk, E. S. Kosmatyi, Z. M. Klimovitskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:25-28 '55.

CARBOHYDRATES
Investigating the structure of carbohydrates in Corynebacterium diphtheriae by paper chromatography. O. K. Orlova, E. P. Efimtseva. Biokhimiia 21 no. 5:505-509 S-O '56.

Reciprocal solubility of carbon dioxide and petroleum of the Romashkinskiy field. V. N. Mamuna and others. Trudy VNII no. 8:392-399 '56.

CARBON TETRACHLORIDE
Research in low molecular polymerization. Part I. Interaction of certain vinyl ethers with carbon tetrachloride. M. F. Shostakovskii, and others. Izv. AN SSSR. Otd. khim. nauk no. 10:1230-1242 O '56.

CARBONATES
Participation of $C^{14}$, taken up by plants from soil carbonates, in the biosynthesis of carbohydrates. P. A. Vlasiuk, E. S. Kosmatyi, Z. M. Klimovitskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:25-28 '55.

CARBONATES (MINERALOGY) see subdivision under Daghestan; Groznyy Province; Tuva Autonomous Province

CARBORUNDUM—ANALYSIS
X-ray method for quantitative determination of silicon in a mixture containing carborundum. B. I. Movshovich, N. N. Levandovskaia. Zav. lab. 22 no. 7:827-828 '56.

CARBROMAL
Improvement in adaline production. M. A. Butlerovskii, E. I. Chernysheva, S. S. Kirieenko. Med. prom. no. 4: 19-20 O-D '55.

CARDIAC GLYCOSIDES
Characteristics of the chemical composition of treacle mustard Erysimum pasgalense Boiss. occurring in Azerbaijan and the effect of its preparations on the cardiovascular system. R. K. Aliev and others. Uch. zap. AGU no. 7:73-81 '55.

CARDIOVASCULAR SYSTEM
Effect of a ski march in the mountains on the organisms of the participants. A. S. Shatalina, M. A. Ter-Akopian. Trudy SAGU no. 59:100-109 '54.
Effect of retarded inhibition of a conditioned motor reaction on the cardiovascular system; preliminary report. E. M. Nikiforova. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:201-208 '56.
Physiological examination of the participants in the group ascent of the Great Chimgan Peak. A. S. Shatalina. Trudy SAGU no. 59:70-99 '54.

CARDIOVASCULAR SYSTEM—DISEASES
Effect of prolonged use of horses for the production of therapeutic and prophylactic serums on the tonus of their cardiovascular system. P. M. Mikhailichenko. Sbor. trud. Khar'. vet. inst. 22:206-217 '54.
Four year practice of aerotherapy for cardiovascular diseases. R. L. Gel'bart. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:46-51 O-D '56.
Health resort therapy for diseases of the cardiovascular system. A. I. Nesterov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:5-10 O-D '56.
Plenum of the Commission on Physical Culture Therapy, devoted to the use of physical culture therapy in diseases of the cardiovascular system. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:123-125 O-D '56.
[Problems of pathology of the cardiovascular system; translations, surveys, and abstracts of foreign periodical literature]. Vop. pat. serd. -sos. sist. 5 no. 6 '56. 147 p.
Topographical anatomy of the heart and pericardium in some heart diseases. IU. M. Lopukhin. Khirurgiia. 32 no. 8:45-50 Ag '56.

CARPATHIAN MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC
Stratigraphic position of salt-bearing strata in the Miocene profile of the Carpathian piedmont region. A. A. Bogdanov, M. IA. Serova. Uch. zap. Mosk. un. no. 176: 37-57 '56.

CARPATHIAN MOUNTAIN REGION—GLAUCONITE
Morphology of glauconite from Cretaceous deposits of the outer zone of the Carpathian piedmont fault. V. I. Kuznetsov, S. I. Shevyrev. Min. sbor. no. 10:359-362 '56.

CARPATHIAN MOUNTAIN REGION—JAROSITE
Jarosite of the Carpathian Mountain region. D. P. Bobrovnik. Min. sbor. no. 5:320-333 '51.

CARPATHIAN MOUNTAIN REGION—KAINITE
Kainite from salt-bearing deposits of the Carpathian Mountain region. M. S. Korobtsova. Min. sbor. no. 5: 253-260 '51.

CARPATHIAN MOUNTAIN REGION—TUFFITE
Aegirite in tuffite from Tertiary deposits of the Carpathian piedmont. V. S. Sobolev, O. N. Gorbachevskaia. Min. sbor. no. 5:159-166 '51.

CARPATHIAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Mesozoic history of the Carpathian Mountains. V. I. Slavin. Uch. zap. Mosk. un. no. 176:25-36 '56.

CARPATHIAN MOUNTAINS—LUMBERING
Melamed, L. G. [Organization of continuous lumbering operations in the Carpathians] Organizatsiia tsiklichnoi raboty na lesozagotovkakh v gornykh usloviiakh Karpat. Moskva, Goslesbumizdat, 1956. 47 p. (Grafik tsiklichnosti na lesozagotovkakh)

CARPATHIAN MOUNTAINS—ZOOLOGY
Conference on the study of the animal kingdom of the Soviet Carpathians. T. A. Tverittina. Zool. zhur. 35 no. 9:1440 S '56.

CARROTS—VARIETIES
Gavrilovka variety of carrots. M. T. Potapenko. Sad i og. no. 10:10 O '56.

CARS (AUTOMOBILES) see Automobiles

CARTILAGE
Regeneration processes in the bone and cartilage tissues in bone transplantations and fractures. E. F. Lisitskii. Sbor. trud. Khar'. vet. inst. 22:87-96 '54.

CARTRIDGES
Quality of shot. V. Klimanov. Okh. i okh. khoz. no. 11: 37-38 N '56.

CARYOCINESIS see Karyokinesis

CASEIN
Retarder for gypsum hardening based on casein. E. Aleksandrov, D. Novakhovskaia. Stroitel' 2 no. 8:21 Ag '56.

CASONA, ALEJANDRO
"Trees die standing" by Alejandro Casona. Teatr. 17 no. 10:131-132 O '56.

CASPIAN DEPRESSION—PASTURES AND MEADOWS
Improve the use of the Chernyye Zemli and Kizlyar pastures. B. N. Bogdanov. Ovtsevodstvo no. 11:3-6 N '56.

CAST IRON—WELDING
New method of cold welding cast-iron machinery parts. N. Tel'nov, P. Malyshev. MTS 16 no. 11:38 N '56.

CASTING see Founding; Steel castings

CASTOR-OIL PLANT
Effect of azotobacterin on the yield of the sunflower and castor-oil plant. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:233-239 '48.
Physiological principles of the space arrangement of sunflower and castor-oil plant in connection with mechanized field work. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2: 126-132 '48.
Studying drought resistance of the castor-oil plant. T. T. Demidenko, R. A. Barinova, V. V. Kiseleva. Nauch. trudy inst. fiziol. rast. i agrokhim. AN URSR no. 4:143-167 '51.

CATALASE
Catalase activity in the Brucella. E. V. Kozlovskii. Sbor. trud. Khar'. vet. inst. 21:202-210 '56.
Effect of trace elements on the activity of catalase in plants. M. G. Abutalybov, I. Buniatov. Uch. zap. AGU no. 4:61-67 '55.

CATALOGS, BOOKSELLERS'
[Books published in the Soviet Union.] Sovetskie vyshedshie knigi D(1-2) '56.
[Catalog of Soviet books.] Katalog sovetskikh knig Ja '57.
Leningrad, Universitet. [Catalog of publications, 1950-1956] Katalog izdanii 1950-1956. [Leningrad] 1956. 48 p.
[Musical literature.] Muzykal'naia literatura no. 25 '57.
[Musical literature.] Muzykal'naia literatura no. 26 '56.
[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki); katalog dlia zakazov nos. 86a '56; 113 '57.
[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki); katalog dlia zakazov nos. 88a, 89a, 90, 92, 93, 96, 99 '56.
[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki); katalog dlia zakazov no. 103 '56.

CATALOGS, COMMERCIAL see subdivision under Germany, East

CATALYSIS
Conference on the use of isotopes in catalysis. M. M. Sakharov. Khim. nauka i prom. 1 no. 5:688-691 '56.
The heterogeneous and homogenous mechanism underlying a catalytic decomposition of ammonia. Dim. Vlado. Dokl. AN SSSR 110 no. 3:407 S '56.

CATALYSIS—CONGRESSES
All-Union conference on the use of isotopes in catalysis. N. Keier. Izv. AN SSSR, Otd. khim. nauk no. 10:1279-1284 O '56.
Meeting on the use of isotopes in catalysis. V. S. Chesalova. Zhur. fiz. khim. 30 no. 9:2130-2132 S '56.

CATALYSTS
Change in the catalytic action and physical properties of the $WS_2$ catalyst with the weakening of its activity. I. V. Kalechits, K. A. Pavlova, S. M. Samoilov. Trudy Vost.-Sib. fil. AN SSSR no. 4:123-129 '56.
Composition of products of destructive hydrogenation of benzene with a tungsten-sulfide-nickel-sulfide-alumina catalyst. I. V. Kalechits, K. A. Pavlova. Trudy Vost.-Sib. fil. AN SSSR no. 4:81-86 '56.
Dependence of activation energy on the catalyst concentration [with English summary in insert]. B. E. Rubinshtein. Zhur. fiz. khim. 30 no. 9:2039-2045 S '56.
Effect of tabletting on the specific surface and porosity of a methanol-zinc-chromium catalyst. S. M. Samoilov, N. M. Zeidman. Trudy Vost.-Sib. fil. AN SSSR no. 4:118-122 '56.
Using stationary catalysts for destructive hydrogenation of high-molecular raw materials. Report 1: Liquefaction of certain components of tars and hydrogenates of coals in the presence of $WS_2$ catalysts. I. V. Kalechits, D. Kh. Nikolaeva. Trudy Vost.-Sib. fil. AN SSSR no. 4: 130-136 '56.
Using stationary catalysts for destructive hydrogenation of high-molecular raw materials. Report 2: Desulfurization of modern industrial catalysts. L. V. Pinchuk and others. Trudy Vost.-Sib. fil. AN SSSR no. 4:137-149 '56.

CATALYSTS, ALUMINUM SILICATE
Catalytic activity and structural characteristics of magnesium aluminum silicate catalysts [with English summary in insert]. Z. G. Zul'fugarov, K. V. Topchieva. Zhur. fiz. khim. 30 no. 9:2011-2015 S '56.
Regeneration of waste aluminosilicate catalysts by means of chemical additions. D. V. Sokol'skii, Sh. Baitalova. Izv. AN Kazakh. SSR, Ser. khim. no. 10:68-71 '56.

CATALYSTS, METAL
Magnetochemistry of active centers. Part 2. The catalytic properties of atomic and crystalline phases of metallic catalysts [with English summary in insert]. I. V. Krylova, N. I. Kobozev. Zhur. fiz. khim. 30 no. 9: 2077-2084 S '56.
Mechanism of the catalytic action of metals in the oxidation of unsaturated hydrocarbon-containing fuels [with English summary in insert]. A. A. Gureev, Z. A. Sablina. Zhur. fiz. khim. 30 no. 9:2022-2028 S '56.

CATAPHORESIS see Electrophoresis

CATARACT
A cataract in nitro paint intoxication. S. IA. Glezerov. Vest. oft. 69 no. 5:46-49 S-O '56.
Development of a cataract in experimental diabetes. I. N. Khizhniakova. Vest. oft. 69 no. 5:58-61 S-O '56.

CATARRH
Epizootology and clinical aspects of infectious rhinitis deformans in young pigs. I. I. Lukashov. Sbor. trud. Khar'. vet. inst. 21:226-231 '56.

CATERPILLAR TRACTORS
DT-70 tractor (text for cover drawing) Tekhsov. 17 22:16 N '56.
Effect of tightening caterpillar tracks on the tractors power of tractors. IA. Kuvshinov. MTS 16 no. 10:21-22 O '56.

CATHODE RAY OSCILLOGRAPH
Instrument for analyzing the spectra of mechanical vibrations. P. N. Chernov. Priborostroenie no. 10: 28 O '56.
Portable cathode ray oscillograph for the photorecording of deformations and vibrations. I. S. Lunev, A. P. Lebedinskii, V. M. Semenov. Priborostroenie no. 10: 18-20 O '56.

CATHODES
The nature of silver-oxygen-cesium photocathodes and their spectral sensitivity. Part 2. P. H. Borziak, V. G. Bibik, H. S. Kramarenko. Dop. AN URSR no. 4: 330-333 '56.

CATHOLIC CHURCH see subdivision under Europe, Western

CATHOLIC CHURCH—HISTORY see subdivision under United States

CATHOLIC CHURCH AND SOCIAL PROBLEMS see Church and social problems—Catholic Church

CATION-EXCHANGING COMPOUNDS see Base-exchanging compounds

CATTLE
Certain practices in breeding work. A. V. Lanina. Zhivotnovodstvo 18 no. 11:33-40 N '56.
Decisive days for preparing cattle for wintering. Sovkhoz. proizv. no. 10:3-5 O '56.

CATTLE—DISEASES AND PESTS
Apropos B. H. Petrenko's article "Chronic urovesical hematuria in cattle," printed in "Nauchnye trudy" (Vol. 20, 1953) of the Ukrainian Institute of Experimental Veterinary Medicine. O. A. Kul'ska. Visnyk AN URSR 27 no. 11:75-78 N '56.
Burkser, G. V. [Veterinary hygiene and veterinary preventive medicine for cattle] Zoogigiena i veterinarnaia profilaktika krupnogo rogatogo skota. Frunze, Kirgizskoe gos. izd-vo, 1954. 40 p. (DA)
Lymphadenosis in cattle. S. I. Smirnov. Sbor. trud. Khar' vet. inst. 21:390-397 '56.

CATTLE—FEEDING AND FEEDING STUFFS
Fattening cattle on rations containing increased amounts of bagasse. A. Z. Kvitko. Zhivotnovodstvo 18 no. 11: 52-56 N '56.
So-called poisoning in cattle when feeding on corn fields. A. V. Vasin. Sel'khoz. Povol. no. 10:64-66 O '56.

CATTLE—WATERING
Water-supply system on a livestock farm. G. G. Shiler. Sel'khoz. Povol. no. 10:76 O '56.

CATTLE BREEDING
"Blood" combinations in line breeding of cattle. G. V. Tsaponko. Sbor. trud. Khar'. vet. inst. 21:193-201 '56.

CATTLE BREEDS
Survivals of formalism in the typification of Red Steppe cattle. P. A. Stopkevich. Zhivotnovodstvo 18 no. 11: 62-64 N '56.

CAUCASUS—ARCHAEOLOGY
Akademiia nauk SSSR, Institut istorii material'noi kul'tury. [Abstracts of reports given at plenary sessions of the Conference on the Archaeology of the Caucasus, held in Erivan, October 1956] Tezisy dokladov na Plenarnykh zasedaniiakh Konferentsii po arkheologii Kavkaza, sostoiavshcheisia v Erevane v oktiabre 1956 g. Moskva, 1956. 34 p.

CAUCASUS—ETHNOLOGY
Tasks of Soviet Caucasian ethnography. G. S. Chitaia. Trudy Inst. ist. AN Gruz. SSR 11:375-385 '56.

CAUCASUS—ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Caucasus—Ethnology

CAUCASUS—INSECTS, AQUATIC
Work with insect breeding pens located in a mountain stream of the Lesser Caucasus. L. A. Zhil'tsova, A. K. Chistiakova. Trudy Zool. inst. AN Gruz. SSR 14:289-294 '56.

CAUCASUS—LEGENDS
Ethnic folk traditions [in Georgian with summary in Russian]. G. S. Chitaia. Trudy Inst. ist. AN Gruz. SSR 1:287-304 '55.

CAUCASUS—PETROLEUM GEOLOGY
Petroleum-bearing potentialities of Mesozoic deposits in the southeastern Caucasus. A. N. Shardanov. Azerb. neft. khoz. 35 no. 7:1-4 Jl '56.

CAUCASUS, NORTHERN—EROSION
Denudation surfaces on the southern slope of the Greater Caucasus. R. G. Saltanov. Uch. zap. AGU no. 7:37-43 '55.

CAUCASUS, NORTHERN—FOREST MANAGEMENT
For gradual and selective cuttings in mountain forests of the Northern Caucasus. A. D. Ponomarev. Les. khoz. 9 no. 11:21-25 N '56.

CAUCASUS, NORTHERN—FORESTS AND FORESTRY
Mountains of the Northern Caucasus must remain green. B. I. Ivanenko. Les. khoz. 9 no. 11:25-29 N '56.

CAUCASUS, NORTHERN—GEOLOGY, STRATIGRAPHIC
Composition of the ancient substratum of Ciscaucasia. In. Iv. Bessonov. Dokl. AN SSSR 110 no. 3:421-422 S '56.

CAUCASUS, NORTHERN—PEASANTRY
History of the colonization of the Northern Caucasus by peasants in the prereform period (1765-1861). A. V. Fadeev. Dokl. i soob. Inst. ist. no. 9:167-178 '56.

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY
Classification of oil and gas pools of the northeastern Caucasus. E. L. Peshtich. Trudy VNIGRI no. 95:31-39 '56.

CAULIFLOWER
Morphology and anatomy and cauliflower in ontogeny. L. A. Sludskaia. Izv. TSKhA no. 2:107-116 '56.
Useful and interesting book "Cauliflower" by D. I. Natsentov. Reviewed by I. A. Kudrevich. Sad i og. no. 10:79-80 O '56.

CAVE DRAWINGS see subdivision under Rouffignac, France

CAVES
(see also subdivision under Akakyulum Range; Kungur; Kutaisi region)
Operation 1000. Louis Potier. Mol. mira no. 10:14-15 '56.

CEDAR see subdivision under Sayan Mountains

CELADONITE see subdivision under Bug Valley; Volhynia

CELESTIAL MECHANICS see Mechanics, Celestial

CELL DIVISION (BIOLOGY)
Cell division and metabolic processes in the organism. Report no. 1: Mitotic activity and blood sugar. I. A. Utkin, L. P. Kositchenko, IU. P. Buinev. Biul. eksp. biol. i med. 42 no. 10:80-84 O '56.
Role of vitamin C in the mechanism of the reactive inhibition of cell division observed in animals subjected to pain stimuli. G. S. Strelin, L. V. Suvorova. Dokl. AN SSSR 110 no. 3:483-486 S '56.

CELLOPHANE
Protective cellophane patches. K. D. Shumskii. Fel'd. i akush. 21 no. 10:44 O '56.

CELLS
Effect of ultrasonic vibrations on the oocysts of Coccidia of rabbits. E. M. Kheisin, M. A. Khenokh. Biofizika 1 no. 5:721-726 '56.
Isolation of intracellular granules by precipitation in a separator through a layer of necessary solution of variable density. Biokhimiia 21 no. 5:567-572 S-O '56.

CELLULOSE
Main direction of the thermal degradation of cellulose in a vacuum. V. I. Ivanov, O. P. Golova, A. M. Pakhomov. Izv. AN SSSR. Otd. khim. nauk no. 10:1266-1267 O '56.

CELLULOSE ACETATES
Nature of the solutions of spontaneously dissolving compounds of high molecular weight. P. M. Lapin. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:128-136 '54.

CEMENT
Cements for fastening tiles. I. Kozin. Stroitel' 2 no. 6: 16 Ag '56.
Cements used in construction. B. Skramtaev, P. Subenkin. Stroitel' 2 no. 3:26 Mr '56.
The KRM-2 electric kettles. A. Slavin. Stroitel' 2 no. 3:17-18 Mr '56.

CEMENT—COSTS

Naumova, L. N. [Factors lowering the cost of cement. Abstract of a dissertation for the degree of candidate in economics] Faktory snizhenila sebestoimosti tsementa. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata ekonomicheskikh nauk. Moskva, Moskovskii gos. ekon. institut, 1956. 12 p.

CEMENT PIPE AND TILE

Using asbestos-cement pipes for water supply lines. V. K. Syvolapov. Mekh. sil'. hosp. 7 no. 11:24-25 N '56.

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRIFUGAL PUMPS

Analytic method of determining the performance of centrifugal pumps. S. A. Gross. Gidr. stroi. 25 no. 10:57 N '56.

Pumping water by deep-well centrifugal pumps. V. P. Hlushchenko. Mekh. sil'. hosp. 7 no. 11:25-26 N '56.

Stuffing box for centrifugal pumps. M. M. Bykhman. Masl.-zhir. prom. 22 no. 7:30-32 '56.

CERAMIC INDUSTRIES

(see also subdivision under Kuybyshev; Shchekino)

Speed up the mechanization of industrial processes in ceramic and brick industries. Stek. i ker. 13 no. 10: 6 O '56.

The use of vacuum filters for dehydration of ceramic dross. IA. M. Syrkin, L. A. Bernshtein, K. M. Kiseleva. Stek. i ker. 13 no. 10:22-26 O '56.

CERAMIC INDUSTRIES—EQUIPMENT AND SUPPLIES see subdivision under Germany, East

CERAMIC MATERIALS

Filter analysis of ceramic suspensions. N. K. Antonevich. Stek. i ker. 13 no. 10:17-21 O '56.

Rokhlin, L.A. [Calculations for ceramic construction elements] Raschet keramicheskikh konstruktsii. Pod red. V. N. IArina. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekture USSR, 1956. 288 p.

CEREALS AS FOOD

Ground cereal mixtures with increased nutritional value. V. S. Tongur, L. V. Orlova. Vop. pit. 15 no. 6:25-30 N-D '56.

CEREBRAL CORTEX

Change in the superslow rhythmical oscillations of brain potentials under the effect of ionizing radiation. N. A. Aladzhalova. Biofizika 1 no. 7:642-652 '56.

Data on the pathomorphology of the reticulo-endothelial system and of the argyrophil substance following cerebral decortication. A. F. Valiakhmetov. Biul. eksp. biol. i med. 42 no. 10:72-76 O '56.

Dynamics of early ionic shifts in the cerebral cortex brought about by local X-ray irradiation of the abdominal region and the head. N. A. Aladzhalova. Biofizika 1 no. 1:49-55 '56.

Effect of different functional states of the cerebral cortex on the quantity of leucocytes in rabbits. Report No. 1. L. E. Smirnova. Vop. perel. krovi. 4:70-76 '55.

Functional and histomorphological changes in the skin of rabbits with experimental dermatitis after influencing the central nervous system in several ways. I. N. Vinokurov. Vest. ven. i derm. 30 no. 5:16-18 S-O '56.

Respiration of cerebrocortical and hepatic sections of rabbits during medinal sleep [with summary in English]. E. P. Cheiverikova. Vop. med. khim. 2 no. 5:338-345 S-O '56.

Some data on the role of the cerebral cortex in the pathogenesis of reactions occurring in transfusions of different type blood. Report No. 2. M. P. Brusnitsyna. Vop. perel. krovi. 4:19-25 '55.

Studying the mechanism of the action of transfused blood on the basis of the cortico-visceral reflex theory. R. M. Giants. Vop. perel. krovi. 4:7-18 '55.

CEREBRAL CORTEX—WOUNDS AND INJURIES

Characteristics of the course of anaerobic infection in rats following injuries of the cerebral cortex. Z. I. Sobieva. Biul. eksp. biol. i med. 42 no. 10:15-19 O '56.

CESIUM

Rubidium and cesium, their use and production. V. E. Pliushchev, I. V. Shakhno. Khim. nauka i prom. 1 no. 5: 534-539 '56.

CESIUM CHLORIDE

Surface ionization of potassium chloride and cesium chloride molecules in an electric field. N. I. Ionov. Zhur. tekh. fiz. 26 no. 10:2200-2203 O '56.

CESIUM CHLOROCOBALTATE

Crystal structure of cesium tetrachlorocobaltate $Cs_2CoCl_4$. M. A. Porai-Koshits. Kristallografiia 1 no. 3:291-299 '56.

CESTODA see subdivision under Chelyabinsk Province; Kazakhstan

CHABROL, JEAN PIERRE

A book prompted by life ("Slum end" [in French] by Jean Pierre Chabrol. Reviewed by E. Trushchenko). Inostr. lit. no. 11:221-224 N '56.

CHAGOVETS, VASILII IUR'EVICH, 1873-1941

Babskii, E. B. [Founder of the ion theory of excitation, Vasilii IUr'evich Chagovets] Osnovopolozhnik ionnoi teorii vozbuzhdeniia Vasilii IUr'evich Chagovets. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 47)

CHAIN SAWS

Electric chain saw for sawing of bones. K. M. Sivash. Ortop., travm. i protez. no. 6:60-61 N-D '55.

CHAKVA—TEA

The mystery has been solved. Mykh. Davitashvili. Ukraina no. 21:5 N '56.

CHALK see subdivision under Mongolia

CHANCROID

Chancroid of the orbit in a cow. IA. P. Pustovar, T. G. TSymbal. Shor. trud. Khar'. vet. inst. 21:398-405 '56.

CHARDZHOU PROVINCE—COLLECTIVE FARMS

Instructive judgement. Part. zhizn' no. 19:28-29 O '56.

CHARNOCKITES see subdivision under Podolia

CHATKAL RANGE—BIRDS

Materials on the birds of the Chirchik-Angren watershed. D. F. Zheleznikov. Trudy SAGU no. 13:25-53 '56.

CHECHERSK DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Guidance of primary party organizations. Komm. Bel. 29 no. 11:77-78 N '56.

CHEESE

Determining the productive capacity of a cheese plant. E. Ostrovskii. Moloch. prom. 17 no. 7:9-10 '56.

Elimination of shortcomings in the construction of vacuum apparatus for melting the cheese mass. A. Opol'skii. Moloch. prom. 17 no. 7:19-20 '56.

Production of powdered cheese. P. IAkhontov. Moloch. prom. 17 no. 7:16-17 '56.

CHEESE—ANALYSIS

Composition of the water-insoluble cheese residue and its change. I. Klimovskii and others. Moloch. prom. 17 no. 7:28-29 '56.

CHEESE FACTORIES

Types and distribution of cheese making plants. F. Kopytov. Moloch. prom. 17 no. 7:6-7 '56.

CHEESE FACTORIES—EQUIPMENT AND SUPPLIES

Lever-screw press for Yaroslavl cheese. L. Magnushevskii. Moloch. prom. 17 no. 7:35 '56.

CHEKHOV, ANTON PAVLOVICH, 1860-1904

Glorious school anniversary. I. F. Lit. v shkole 17 no. 6:90-91 N-D '56.

CHELEKEN PENINSULA—MICROPALEONTOLOGY

Microfauna in the Apsheron stage of the Cheleken Peninsula Kh. M. Kulieva. Izv. AN Turk. SSR no. 3:24-33 '56.

CHELYABINSK—HISTORY

Greeting the anniversary of the Great October Socialist Revolution. A. Sakson. Nar. obr. no. 11:52-55 N '56.

CHELYABINSK BASIN—COAL MINING MACHINERY

Efficiency suggestions submitted at the Kopeisk mines. T. Balabina. Mast. ugl. 5 no. 10:19-20 O '56.

CHELYABINSK PROVINCE—CESTODA

A new species of cestode, Tatria mathevossianae (fam. Amabiliidae), from Podiceps ruficollis (Pallas) [with English summary in insert]. V. I. Okorokov. Zool. zhur. 35 no. 9:1299-1302 S '56.

CHELYABINSK PROVINCE—EGGPLANT

Eggplants in Chelyabinsk Province. M. B. Skvirskii. Sad i og. no. 10:32 O '56.

CHELYABINSK PROVINCE—PETROLEUM GEOLOGY

Petroleum-bearing possibilities of the Chelyabinsk Lignite Basin. V. P. Kozlov, G. A. Gladysheva. Trudy VNIGNI no. 7:201-222 '56.

CHEMICAL APPARATUS

Reagents and laboratory chemical equipment. Zav. lab. 22 no. 7:763-766 '56.

CHEMICAL COMPOSITION OF FRUIT see Fruit—Chemical composition

CHEMICAL ELEMENTS

Slavinskii, M. P. [Physical and chemical properties of elements] Fiziko-khimicheskie svoistva elementov. Perer. i dop. i podgotovil k pechati A. E. Vol. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1952. 763.

CHEMICAL GEOLOGY see Geochemistry; Mineralogical chemistry

CHEMICAL INDUSTRIES see subdivision under Moscow

CHEMICAL LABORATORIES

Exhibition of school equipment and teaching materials. E. P. Kleshcheva, M. L. Teterin. Khim. v shkole 11 no. 6:75-76 N-D '56.

Standard planning of chemical laboratories. V. A. Tsvetval'nikov. Zav. lab. 22 no. 7:878-881 '56.

CHEMICAL REACTION, RATE OF

The application of the Hammett equation to organic compounds of elements. The ionization constants of phosphorus acids. M. I. Kabachnik. Dokl. AN SSSR 110 no. 3:393-396 S '56.

Dependence of activation energy on the catalyst concentration [with English summary in insert]. B. E. Rubinshtein. Zhur. fiz. khim. 30 no. 9:2039-2045 S '56.

CHEMICAL REACTIONS

Sequence of reactions during the destructive hydrogenation of benzene. I. V. Kalechits, K. A. Pavlova. Trudy Vost.-Sib. fil. AN SSSR no. 4:87-93 '56.

CHEMICAL REACTIONS—VELOCITY

Effect of the concentration of reactive substances on the speed of chemical reactions. B. E. Rubinshtein. Khim. v shkole 11 no. 6:43-44 N-D '56.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL SOCIETIES

Plenum of the Board of Administration of the D. I. Mendeleev All-Union Chemical Society. Khim. nauka i prom. 1 no. 5:598-599 '56.

Work practice of the Leningrad Branch of the Society. S. N. Danilov. Khim. nauka i prom. 1 no. 5:599-600 '56.

CHEMICAL STRUCTURE

Investigation into the effect of chemical structure on adhesion [with English summary in insert]. N. A. Kuretova, IU. M. Kirillova, B. V. Deriagin. Zhur. fiz. khim. 30 no. 9:1921-1931 S '56.

CHEMICAL TESTS AND REAGENTS

Reagents and laboratory chemical equipment. Zav. lab. 22 no. 7:763-766 '56.

CHEMISTRY

[Chemistry and chemical technology; translations from foreign periodical literature.] Khimiia i khimicheskaia tekhnologiia 7 no. 11 '56. 162 p.

[Chemistry and chemical technology; translations from foreign periodical literature] Khimiia i khimicheskaia tekhnologiia 7 no. 12 '56. 177 p.

Defense of dissertations in the Department of Chemical Sciences. Vest. AN SSSR 26 no. 11:116-118 N '56.

Scientific work of N. A. Shilov (1872-1930). P. I. Starosel'skii. Trudy Inst. ist. est. i tekh. 12:73-104 '56

CHEMISTRY—ABSTRACTS

[Chemistry; abstracts nos. 53470-57074] Referativnyi zhurnal: Khimiia no. 17 S '56.

[Chemistry; abstracts nos. 64059-67472] Referativnyi zhurnal: Khimiia no. 20 O '56.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES see subdivision under Kuwait A. S. S. R.

CHEMISTRY—EXPERIMENTS

Changes in some chemical demonstrations. P. D. Mosket. Khim. v shkole 11 no. 6:48-52 N-D '56.

CHEMISTRY—HISTORY see subdivision under Vilnius

CHEMISTRY—NOTATION

Kudriavtsev, A.A. [Derivation of chemical equations] Sostavlenie khimicheskikh uravnenii. Izd. 2-oe, perer. i dop. Pod red. A.F. Kapustinskogo. Moskva, Gos. izd-vo "Sovetskaia nauka," 1956. 242 p.

CHEMISTRY—STUDY AND TEACHING

(see also subdivision under Ukraine)

Lupanov, P.A. [Modern atomic theory as a basis for elaborating chemistry courses in secondary schools] Sovremennaia teoriia atoma kak osnova postroeniia kursa khimii v srednei shkole. Petrozavodsk, Izd. Karelo-Finskogo Gos. Univ. 1949. 218 p. (Petrozavodsk. Universitet. Trudy Karelo-finskogo gosudarstvennogo universiteta, vol. 3)

Manual on methods of teaching chemistry for pedagogical institutes. S. IA. Rasin, Z. F. Golikova, A. P. Kalembasova. Khim. v shkole 11 no. 6:66-72 N-D '56.

Polytechnical education in railroad schools. Khim. v shkole 11 no. 6:74-75 N-D '56.

Practical emphasis of extracurricular studies. Khim. v shkole 11 no. 6:3-6 N-D '56.

Practical laboratory projects in the field of chemistry. A. B. Shafibekov. Vest. vys. shkoly 14 no. 11:53-54 N '56.

Readers' letters. Khim. v shkole 11 no. 6:83-85 N-D '56.

School and industry. Z. V. Eviseeva. Khim. v shkole 11 no. 6:60-62 N-D '56.

A successful manual ("Methods of teaching chemistry." I. N. Borisov. Reviewed by Z. F. Golikova, A. E. Legenov). Vest. vys. shkoly 14 no. 11:60-62 N '56.

CHEMISTRY—STUDY AND TEACHING (Continued)
A useful book "Chemistry in everyday life" by P. E. Kazarian. Reviewed by V. N. Komratov. Khim. v shkole 11 no. 6:72 N-D '56.
Wall newspaper as one aspect of extra-curricular work in chemistry. M. V. Rodina. Khim. v shkole 11 no. 6:54-57 N-D '56.

CHEMISTRY, AGRICULTURAL see Agricultural chemistry

CHEMISTRY, ANALYTICAL
Methods of handling control chemical analyses. A. P. Prokof'ev. Razved. i okh. nedr 21 no. 3:37-39 My-Je '55.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—QUALITATIVE
Qualitative method for the detection of sulfanilamide. S. Kh. Dzatlaeli. Ukr. zap. AMU no. 5:51-54 '55.

CHEMISTRY, ANALYTICAL—QUANTITATIVE
Using a thermogravimetric device for rapid phase analysis. V. P. Ivanova, F. IA. Dudel'. Inform. sbor. VSEGEI no. 1:138-140 '55.

CHEMISTRY, ANALYTICAL—STUDY AND TEACHING
Methods of teaching quantitative chemical analysis in institutions of higher education. V. I. Petrashen'. Nauch. trudy MPI 26:299-307 '54.

CHEMISTRY, BIOLOGICAL see Biochemistry

CHEMISTRY, BOTANICAL see Botanical chemistry

CHEMISTRY, METALLURGIC
Metallothermal methods in chemistry and metallurgy. G. V. Samsonov, Ul. D. Chistiakov. Usp. khim. 25 no. 10:1223-1248 O '56.
Slavinskii, M. P. [Physical and chemical properties of elements] Fiziko-khimicheskie svoistva elementov. Perer., dop. i podgotovil k pechati A. E. Vol. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1953. 763 p.

CHEMISTRY, MINERALOGICAL see Mineralogical chemistry

CHEMISTRY, ORGANIC
Simultaneous determination of oxygen and halogens in chlorine, bromine and iodine in organic substances. M. G. Korshun, E. A. Bondarevskaia. Dokl. AN SSSR 110 no. 3:330-332 F '56.

CHEMISTRY, PHYSIOLOGICAL see Physiological chemistry

CHEMISTRY, TECHNICAL
(see also subdivision under Fuels)
[Chemistry and chemical technology; translations from foreign periodical literature.] Khimiia i khimicheskaia tekhnologiia 7 no. 11 '56. 193 p.
[Chemistry and chemical technology; translations from foreign periodical literature] Khimiia i khimicheskaia tekhnologiia 7 no. 12 '56. 177 p.
News in science and technology. Khim. nauka i prom. 1 no. 5:592-598 '56.

CHEMISTRY, TEXTILE see Textile chemistry

CHEMISTRY OF FOOD see Food—Analysis

CHERDYN DISTRICT—CHURCHES
Rare monument of old Russian architecture. L. V. Makovetskii. Kosb. Inst. ist. ish. no. 7:105-110 '56.

CHEREMKHOVO COAL BASIN—COAL TAR PRODUCTS
Composition of the hydrogenate of phenols of primary tar from Cheremkhovo coal. I. V. Kalechits, P. G. Salimgareeva. Trudy Vost.-Sib. fil. AN SSSR no. 1:19-31 '56.

CHERNIGOV—PARENTS' AND TEACHERS' ASSOCIATIONS
A conference of parents. N. Filonenko. Doshk. vosp. 17 no. 11:47 N '56.

CHERNIGOV PROVINCE—AUTOMOBILE DRIVERS
Suggestions by the collectives of motor transport organizations. A. Kriukov. Avt. transp. 34 no. 11:9 N '56.

CHERNOVTSY—KINDERGARTEN
At the kindergarten no. 16 in Chernovtsy. T. Barbantseva. Doshk. vykh. 17 no. 11:22-23 N '56.

CHERNOVTSY—THEATER
Inspired creation. N. Laichenko. Ukraina no. 24:18 N '56.

CHERNOVTSY PROVINCE—MOTION-PICTURE FESTIVALS
Glorious traditions of the Lenin Communist Youth League. I. Pasker. Kinomekhanik no. 11:9 N '56.

CHERNOZEM SOILS
Enrichment of Chernozem and dark gray loam soils by a single application of phosphates as a road to radical improvement of soil fertility elements. A. I. Dushechkin. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:30-41 '48.
System for using fertilizers in a crop rotation as teached in Lysogorsk of the central Chernozem region. M. P. Shevelev, V. M. Petropolina. Pol. i ur. 1 no. 11:3-10 N '56.

CHERNYSHEV RIDGE—GEOLOGY, STRUCTURAL
Geological structure of the southern extreme of the Chernyshev Ridge. O. A. Chetaev. Trudy VNIGNI no. 7:100-160 '56.

CHERNYYE ZEMLI—BOTANY
Phreatophytes of the Chernyye Zemli and some aspects of their ecology. N. N. Iordanskaia. Biul. MOIP, Otd. geol. 31 no. 3:107-110 My-Je '56.

CHERRY
First phases of embryonic development in cherries. N. A. Popova. Sad. vin. Mold. 11 no. 9:35-37 S-O '56.

CHERRY—VARIETIES
Clonal composition of cherries. V. V. Arnautovich, L. A. Vasil'eva. Sad. vin. Mold. 11 no. 5:17-18 S-O '56.
A new interesting variety of cherries. E. I. Malyshev, D. L. Zori. Sad. vin. Mold. 11 no. 5:11-12 S-O '56.

CHESS
Chess and checkers. Sots. kul't. 8 no. 10:47 O '56.
History of chess. Joseph Boyer. V zashch. mira no. 95-107 113 O '56.

CHESS—END GAMES
Matiasin, L. [Rook against pawn; a theory of rook end games] Ladi'ia protiv peshki; k teorii ladeinogo endshpilia. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 168 p.

CHESS—OPENINGS
Taimanov, M. E. [Nimzowitsch's defense; an analysis of his principal openings] Zashchita Nimtsovicha; analiz osnovnykh debiutnykh sistem. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 337 p.

CHEST—DISEASES
Method of treating parapleuritis. I. M. Tupchibashev. Khirurgiia. 32 no. 9:73-78 Ag '56.

CHEST—SURGERY
Volume changes in circulating blood in transpleural surgery. I. V. Domrachev, Yu. B. Gilevich. Khirurgiia. 32 no. 8:7-13 Ag '56.

CHICKEN COOPS see Poultry houses and equipment

CHICKEN POX
Clinical aspects of encephalitis in chicken pox. V. N. Vershinin, E. M. Nazarova. Pediatriia 30 no. 4:44-49 Jl-Ag '56.

CHICKENS see Poultry

CHILDREN—CARE AND HYGIENE
[Correspondence course of instructions for mothers; 12 lectures] Zaochnyi kurs ukhoda za det'mi; 12 lektsii. Moskva, Gos. izd-vo med. lit-ry, 1956. 248 p. (DAFM)
Heart diseases in children and their prevention. R. A. Kaliuzhnaia. Fel'd. i akush. 21 no. 10:9-14 O '56.
Preventing nervousness in children. M. IA. Turetskii. Fel'd. i akush. 21 no. 10:31-36 O '56.
Useful advice. Sem'ia i shkola 11 no. 12:33 D '56.

CHILDREN—DISEASES
Kelipsia, A. A., and others. [Diseases of children] Detskie bolezni. Pod red. V. A. Vlasova. Izd. 6-oe. Moskva, Medgiz, 1956. 498 p. (DAFM)
Moscow Society of Pediatricians. Pediatriia 30 no. 4:93-96 Jl-Ag '56.

CHILDREN—DISEASES—ABSTRACTS
[Abstracts of Soviet medical literature: Children's diseases.] Sovetskoe meditsinskoe referativnoe obozrenie: Detskie bolezni no. 2 '56. (DNLM)

CHILDREN—EDUCATION see Education of children

CHILDREN—EMPLOYMENT
The third field crop cultivation group. Tamara Kvitko. Pionerskaia 35 no. 12:26-28 D '56.

CHILDREN—LANGUAGE
Watch your children's language. A. Chebotarev. Rabotnitsa 34 no. 12:26 D '56.

CHILDREN—MANAGEMENT
A conversation with Marfa Ivanovna and Katia, her daughter. Nash. i otst. 32 no. 12:20-21 D '56.
How to eradicate harmful habits (conclusion). S. IA. Rubinshtein. Sem'ia i shkola 11 no. 12:4-5 D '56.
Notes of a social worker. M. Baranchikova. Rabotnitsa 34 no. 12:26-27 D '56.
Synytsia, I. O. [Pedagogical tact in training children in the home] Pedagogichnyi takt u vykhovanni ditei v sim'i. Kyiv, 1956. 34 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser. 4, no. 10)

CHILDREN—NUTRITION
Cooking for children. Sem'ia i shkola 11 no. 12:33 D '56.
Koshina, Z. P., and E. A. Lebedeva. [Menus and calculation tables for the chemical content of food rations for children's homes] Meniu-raskladki i raschetnye tablitsy khimicheskogo sostava pishchevykh ratsionov dlia detskikh domov. Moskva, Gos. izd-vo meditsinskoi literatury, 1956. 70 p. (Leningrad, Sanitarno-gigienicheskii meditsinskii institut. Trudy, no. 24)

CHILDREN—SURGERY
"Amputation of limbs in children" by M. V. Volkov. Reviewed by B. M. Khromov. Ortop., travm. i protez. no. 6:71-74 N-D '55.
Traumatological and orthopedic services to children. L. Z. Kheifets, E. V. List. Ortop., travm. i protez. 17 no. 3:78 My-Je '56.

CHILDREN'S LITERATURE
Children's favorite books. L. N. Eliseeva. Doshk. vosp. 29 no. 11:28-35 N '56.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S LITERATURE—HISTORY AND CRITICISM
The subject of children's tales. N. Ilkel'son. Dal'. Vost. no. 5:175-179 S-O '56.

CHILE—VITICULTURE
Viticulture in Chile. A. M. Negrul'. Sad. vin. Mold. 11 no. 5:30-34 S-O '56.

CHIMES AND CHIMING see subdivision under Leningrad

CHIMGAN—MOUNTAINEERING
Physiological examination of the participants in the group ascent of the Great Chimgan Peak. A. S. Shatalina. Trudy SAGU no. 69:79-80 '54.

CHINA—COAL MINES AND MINING
Friendship in growing. Mast. ugl. 5 no. 10:36 O '56.

CHINA—COMMERCE
Internal commerce in China and its socialist transformations. A. Zykov. Sov. torg. no. 10:35-39 O '56.

CHINA—COURTS
China (People's Republic of China, 1040- )Laws, statutes, etc. [Law of the organization of the people's court in the Chinese People's Republic] Zakon ob organizatsii Narodnogo suda Kitaiskoi Narodnoi Respubliki. Moskva, Gos. izd-vo iurid. lit-ry, 1955. 14 p.

CHINA—CULTURE
Development of culture in the Chinese People's Republic. A. Sokolov. Zvezda Vost. 24 no. 9:75-80 S '56.
Progress of public education, science and the culture of the Chinese People's Republic [with English summary in insert]. Kuo Shao-T'ang. Sov. vostokoved. no. 6: 80-95 '56.

CHINA—DESCRIPTION AND TRAVEL
Kunaev, D. A. [30 days in the people's China; travel notes] 30 dnei v narodnom Kitae; putevye zametki. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 156 p.

CHINA—ECONOMIC CONDITIONS
Developments in the class struggle during the transitional period in China. Hsü Ti-hsin. Nar. Kit. no. 21:3-8 N '56.
New China marches with us. Sots. Uz. 16 no. 10:3 O '56.

CHINA—ECONOMIC POLICY
Konolapov, A. M. [The economic structure of the Chinese People's Republic; a lecture] Ekonomicheskii stroi Kitaiskoi Narodnoi Respubliki; lektsiia. [Leningrad] Izd-vo Leningradskogo univ., 1956. 31 p.

CHINA—ECONOMICS—PERIODICALS
The periodical "Economic studies" (Chinese People's Republic). Reviewed by S. I. Zarotskaia, R. A. Mirovitskaia. Sov. vostokoved. no. 5:140-143 '56.

CHINA—EDUCATION
In the people's China. M. Rinkin. Nar. obr. no. 10: 83-84 O '56.

CHINA—FOREIGN POLICY—UNITED STATES
Ch'ing, Ju-chi. [History of American aggression in Taiwan. Translated from the Chinese] Istoriia amerikanskoi agressii na Taivane. Perevod s kitaiskogo B. Zanegina. Vstup. stat'ia L. Delusina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 143 p.

CHINA—FOREIGN RELATIONS
China - a great world power [with English summary in insert]. G. V. Anta'ev. Sov. vostokoved. no. 5:11-20 '56.

CHINA—FOREIGN RELATIONS (Continued)
It is time to restore China's representation in the U. N. G. Tunkin. Mezhdunar. zhizn' no. 10:25-34 O '56.

CHINA—FOREIGN RELATIONS—NEPAL
The negotiations between the Chinese People's Republic and Nepal. Mezhdunar. zhizn' no. 11:154-157 N '56.

CHINA—GEOLOGY, STRUCTURAL
Tectonics of China. IU. M. Sheinmann. Biul. MOIP, Otd. geol. 31 no. 3:110 My-Je '56.

CHINA—GOVERNMENT OWNERSHIP
Developments in the class struggle during the transitional period in China. Hsü Ti-hsiu. Nar. Kit. no. 21:5-6 N '56.

CHINA—HARVESTING
Fall harvesting. Nar. Kit. no. 21:21 N '56.

CHINA—HISTORY
Academic discussion at the People's University of China. Van Si-chi, Dy-E. Vop. ist. no. 8:217-221 Ag '56.

CHINA—KUO MIN TANG
We are forever militant friends of the Chinese Communist Party. Li Chi-shen. Nar. Kit. no. 21:9-13 N '56.

CHINA—LANGUAGE AND LANGUAGES
Written language of national minorities. Fu Mao-chi. Nar. Kit. no. 21:13-16 N '56.

CHINA—MEDICINE—STUDY AND TEACHING
Medical institutes and department of pathological anatomy and pathological physiology in new China. G. V. Peskovskii. Arkh. pat. 18 no. 5:107-114 '56.

CHINA—NAMES, GEOGRAPHICAL
Chinese geographical names. Ch'en Erh-shou. Nar. Kit. no. 21:37-39 N '56.

CHINA—NURSES AND NURSING
Three-stage system in the care of patients. Li Hsiu-fang, Chang K'ai-hsiu. Med. sestra 15 no. 11:8-9 N '56.

CHINA—OILS AND FATS
Work practice of the oil industry of the Chinese People's Republic. V. V. Beloborodov. Masl.-zhir. prom. 22 no. 7:33-35 '56.

CHINA—POLITICS AND GOVERNMENT
Theory of capitalism "turning into" socialism and the facts. N. Senin. Kommunist 33 no. 15:100-108 O '56.

CHINA—PUPPETS AND PUPPET PLAYS
My colleagues. S. Obraztsov. Inostr. lit. no. 11:237-250 N '56.

CHINA—RELATIONS (GENERAL) WITH RUSSIA
Chinese guests in the U. S. S. R. Ogonek 34 no. 49:6 D '56.

CHINA—SOCIAL CONDITIONS
Taken together we are 46 years old. G. Borovik. Ogonek 34 no. 45:26-27 N '56.

CHINA—SPORTS
Physical education and sports. Nar. Kit. no. 21:22-23 N '56.

Physical culture and sports in the T'anchiachuang mine. Kao Shih-shan. Nar. Kit. no. 21:34-37 N '56.

'LE INDUSTRY
ers. F. Kovalev. Sots.

CHINTZ
Chintz dresses. I. Okunev. Prom. koop. no. 11:13-14 N '56.

CHKALOV PROVINCE—AGRICULTURAL ADMINISTRATION
Improve the direction of agriculture. D. Polianskii. Kommunist 33 no. 15:69-73 O '56.

CHKALOV PROVINCE—GRAIN—TRANSPORTATION
High achievements in grain transport. Avt. transp. 34 no. 11:35 N '56.

CHKALOV PROVINCE—MOTION-PICTURE PROJECTION
For workers in the fields. IU. Filanovskii. Kinomekhanik no. 11:4 N '56.

CHKALOV PROVINCE—MUNICIPAL SERVICES
Technical improvement of communal enterprises. V. Trach. Zhil.-kom. khoz. 6 no. 6:10-12 '56.

CHLORAMPHENICOL see Chloromycetin

CHLORIDES
Acetylene derivatives. Part 176. Synthesis of β-carboxyethyl esters of acetylenic alcohols, their corresponding acid chlorides, and amides. I. N. Nazarov, G. A. Shvekhgeimer. Izv. AN SSSR, Otd. khim. nauk no. 10: 1221-1229 O '56.

CHLORINATION
Chlorination of unsaturated polychloro derivatives in an acid medium. R. Kh. Freidlina, V. N. Kost, A. N. Nesmeianov. Izv. AN SSSR, Otd. khim. nauk no. 10: 1202-1207 O '56.

CHLORINE—ISOTOPES
Coefficients of distribution between liquid and vapor $BCl_3$ determined by means of chlorine isotopes. M. IA. Kats, G. M. Kukavadze, R. L. Serdiuk. Zhur. tekh. fiz. 26 no. 10:2401-2402 O '56.

CHLOROMYCETIN
Conference on synthomycin. Med. prom. no. 3:46-47 Jl-S '55.
Rating the effectiveness of the therapeutic use of synthomycin in typhoid fever in children. A. I. Chitaeva. Pediatriia 39 no. 4:84 Jl-Ag '56.
Recovery of the three isomer from vat residues during production of synthomycetin. G. S. Bregman, A. I. Mal'kov. Med. prom. no. 2:20-30 Ap-Je '55.
Synthomycin in nonspecific inflammatory processes of the urinary tract. V. M. Vertepova, M. N. Sinitsina, E. S. Leplia. Urologiia 21 no. 1:35-41 Ja-Mr '56.

CHLOROPHAEITE see subdivision under Volhynia

CHLOROPHYLL
Antagonistic relationship between sulfanilamide and folic acid in the growth of wheat and synthesis of chlorophyll. V. N. Gershanovich, G. L. Mednik, IA. A. Epshtein. Biokhimiia 21 no. 5:612-615 S-O '56.

CHLOROPHYLL—SPECTRA
Interaction of chlorophyll and iron ions. V. I. Dulova and others. Trudy FTI AN Uz. SSR 6:82-89 '55.

CHLOROPROMAZINE
Aminozine and other drugs of the phenothiazine series. M. D. Mashkovskii. Med. prom. no. 4:32-36 O-D '55.

CHOLINE
Experience in treating some forms of anuria and oliguria with carbocholine; preliminary report. R. V. Arsen'ev. Urologiia 21 no. 1:44-45 Ja-Mr '56.

CHOLINESTERASE
Activity of blood cholinesterase and some tissues in animals under the effect of ionizing radiation in lethal and subtlethal doses. N. E. Ponomarenko. Med. rad. 1 '56.

TRIDYMITE
atic andesite of the Chop Depression. . sbor. no. 10:329-331 '56.

subdivision under France

see subdivision under Mukden

urist

ivision under Ukraine

ANALYSIS
thods for gas analysis. N. M. Turchovitskii. Zav. lab. 22 no. 9:

cture of carbohydrates in Corynae by paper chromatography. O. K. eva. Biokhimiia 21 no. 5:505-509

ation of the chief carotenoids in h paper chromatography [with insert]. D. I. Sapozhnikov and . 3 no. 5:487-489 S-O '56.

n combination with paper chromafication of amino acids in hydrolysins. IU. V. Galaev, E. K. Alimova. 538-541 S-O '56.

CHROMATOPHORES
Ribonucleic acid of plastids and its conversion during the development of the organism. N. M. Sisakian, M. S. Odintsova. Biokhimiia 21 no. 5:577-584 S-O '56.

CHROMIUM
Use of potassium fluoride in gravimetric determination of chromium. Sh. T. Talipov, T. I. Fedorova. Trudy SAGU no. 49:57-63 '53.

CHROMIUM COMPOUNDS
Role of bivalent chromium ions in the acceleration of the transition of the trivalent chromium green modification into the purple form. M. T. Kozlovskii, P. I. Zabotin. Izv. AN Kazakh. SSR, Ser. khim. no. 10:40-43 '56.

CHROMIUM-NICKEL ALLOYS see Nickel-chromium alloys

CHROMIUM OXIDES
Effect of the mode of preparation and of the carrier on the catalytic activity of chromic oxide in dehydrogenation and dehydration. A. A. Tolstopiatova, K. A. Dulitskaia, A. A. Balandin. Izv. AN SSSR, Otd. khim. nauk no. 10:1256-1265 O '56.

CHROMOSOMES
Effect of fractionizing and size of the dose on the cytological effect of radiation. N. V. Luchnik. Biofizika 1 no. 7:633-636 '56.

CHRONOLOGY
Calendar systems and chronology. B. Alekseev. Ogonek 34 no. 48:31 N '56.

CHRONOMETER—TESTING
Correction of chronometer time indications taking the integral value of secondary errors into consideration. B. M. Chernlagin. Chas. mekh. no. 1:50-54 '55.

CH'Ü CH'IN-PO, 1899-1935
On literature. Ch'ü Ch'in-po. Inostr. lit. no. 11:228-231 N '56.

CHUCKS
One-piece cams and spare parts for lathe chucks. I. Ivanov. Stan. i instr. 27 no. 10:39-40 O '56.

CHUDINOVA, ALEKSANDRA DMITRIEVNA, 1890-
A. D. Chudinova. Teatr. 17 no. 10:104 O '56.

CHUKCHI
History of the social organization of the Chukchi. I. S. Vdovin. Uch. zap. Len. un. no. 115:73-100 '50.

CHUL'-ADYR MOUNTAINS—MINERAL WATERS
Physicochemical study of the salt springs in the Chul'-Adyr deposits. Part 2. Hydrothermal analysis of the springs. A. I. Mun, A. B. Bekturov. Izv. AN Kazakh. SSR, Ser. khim. no. 10:96-103 '56.

CHULYMA TATARS
Materials on the craniology of the Chulyma Tatars and the Sel'kupy. N. S. Rozov. Trudy Inst. etn. 33:340-373 '56.

CHURCH AND SOCIAL PROBLEMS—CATHOLIC CHURCH
Historical background of Leo XIII's encyclical "Rerum novarum." M. M. Sheinman. Vop. ist. rel. i ateiz. no. 4:88-103 '56.
Why the Vatican condemned the French Catholic periodical "La Quinzain." R. E. Godunov. Vop. ist. rel. i ateiz. no. 4:423-431 '56.

CHURCH AND STATE—CATHOLIC CHURCH see subdivision under Poland

CHURCHES
(see also subdivision under Chordyn District)
Unknown design by M. G. Zemtsov, S. S. Bronshtein, S. M. Grozmani. Soob. Inst. ist. isk. no. 7:70-76 '56.

CICADA see subdivision under Transcaucasia

CICERO, MARCUS TULLIUS
The social and political views of Cicero. A. A. Motus. Uch. zap. Ped. inst. Gerts. 102:369-401 '55.

CILIA AND CILIARY MOTION
Adenosine triphosphate causes ciliary motion in the ciliate epithelium "killed" by glycerine extraction (a "cellular model"). V. IA. Aleksandrov, N. I. Arronet. Dokl. AN SSSR 110 no. 3:457-460 S '56.

CINEMATOGRAPHY—FILMS
Follow-up of our published materials. Kinomekhanik no. 11:30 N '56.
General purpose slide rule for measuring film shrinkage and perforation distances. V. Korovkin. Kinomekhanik no. 11:23 N '56.

CINNAMIC ACID
Investigations of chemical processes in the synthesis of papaverine; synthesis and properties of certain acyl derivatives of -amino-β-(3, 4-dimethoxy)-cinnamic acid. Z. V. Pushkareva and others. Med. prom. no. 2: 25-29 Ap-Je '56.

ER AND TELEGRAPH CODES
parison of some intereference-resistant codes. S.Gorbunov. Elektrosviaz' 10 no. 12:42-47 D 6.

UITS, ELECTRIC see Electric circuits

ES AND TOWNS, EXTINCT, RUINED, ETC. see subdivision under Armenia

, PLANNING
ee also subdivision under Angarsk; Europe, Western; ningrad Province; Moscow; Shutovichi; Snov)
istory of the art of city building," Vol. 1, by A.V. min. Book review. Scob. Inst. ist. isk. no. 7:163-167 56.
e conclusions on the harmony of street architecture. Grigorian. Izv. AN Arm. SSR. Obshchestv. nauki 10:31-42 O '56.

SS DISTINCTION see subdivision under Georgia

SS STRUGGLE
factor of class and intraclass struggle in the ex- nal political relations of Georgia [in Georgian with mmary in Russian]. N. A. Berdzenishvili. Trudy st. ist. AN Gruz. SSR 1:155-186 '55.

SSIFICATION—BOOKS
murin, E.I. Outline history of library and biblio- raphical classification] Ocherki po istorii bibliotechno- bliograficheskoi klassifikatsii. Moskva, Izd-vo Vses. nizhnoi palaty.
Vol. 1, 1955, 308 p.

Y
ee also subdivision under Moscow Basin; Nizhne-Uvel'- oye; Pacific Ocean; Tatar A.S.S.R.)
tribution of phosphorus in the clays of the productive ratum of Kobystan. M. I. Abramov. Uch. zap. AGU o. 3:35-41 '55.
dying the effect of activated clays on the optical ctivity of colophony. I. S. Sattar-zade. Uch. zap. GU no. 5:9-19 '55.
dying the optical activity of the decomposition products f colophony in the presence of active clays. I. S. Sattar- ade. Uch. zap. AGU no. 3:43-46 '55.

Y MODELING see subdivision 'Modeling' under ripol'ye

ANING AND DYEING INDUSTRY
utilized capacity. V. Margolin. Prom. koop. no. 11:9- 0 N '56.

ANLINESS see subdivision 'Baths' under Tiflis

ANSERS see Washing powders

MATOLOGY
ange of climate and climatic trends. V. A. Rutkovskaia. Meteor. i gidrol. no. 10:59-63 O '56.

MATOLOGY—CHARTS, DIAGRAMS, ETC.
udy of climatic cartography. N. I. Guk. Meteor. i gidrol. no. 10:21-29 O '56.

OCKMAKING AND WATCHMAKING
esign of temperature-compensated balance-hairspring ystems. B. M. Chernugin. Chas. mekh. no. 1:5-49 55.
esigning and investigating small-module gearwheels sed in watch trains. A. S. Borisov. Chas. mekh. o. 1:135-154 '55.
proving the quality of material used for hairsprings. V. A. Romanov, S. N. Podolinskaia. Chas. mekh. o. 1:155-164 '55.

OCKMAKING AND WATCHMAKING—TESTING
raphic analytic method for evaluating the precision of watch rate. A. M. Torgov. Chas. mekh. no. 1:65-102 '55.

OCKS, ASTRONOMICAL see Astronomical clocks

OCKS AND WATCHES
nalytic investigation of the torque diagram of the "Pobeda" watch spring. E. I. Levitan. Chas. Mekh. o. 1:103-115 '55.
ffect of the nonequilibrium of the balance wheel on its scillation periods. E. I. Levitan. Chas. mekh. o. 1:124-134 '55.
ses for compensating spring moments. E. I. Levitan. Chas. mekh. no. 1:116-123 '55.
ow-viscosity oils for lubrication of watches. G. I. Fuks, N. E. Gal'tsova, I. I. Uss. Chas. mekh. no. 1:165-165 '55.

OSTRIDIUM
ffect of external environment on the development of odophil clostridia from butyric-acid and other closely related bacteria. N. Mikhnova'ka. Stud. nauk. prakt. o. 20:163-169 '56.

OSTRIDIUM ACETOBUTYLICUM
ffect of certain micro-organisms on the course of acetone-butyl fermentation. M. IA. Borina. Stud. nauk. prakt. no. 20:149-155 '56.

CLOTHES, WORK see Work clothes

CLOTHESPINS
Mechanization of clothespin production. V. Abramov, K. Lubimov. Prom. koop. no. 11:37 N '56.

CLOTHING, PROTECTIVE
Replies to N. F. Burzlinskii's article "Articles from protection against electric current." B. Z. Vainshtein and others. Energetik 4 no. 11:11-15 N '56.

CLOTHING INDUSTRY
First seminar for clothing workers. Prom. koop. no. 11: 31 N '56.

CLOUDS
Effect of clouds on thermal conditions of the atmosphere. E. M. Feigel'son. Trudy Geofiz. inst. no. 37:62-68 '56.

CLOVER
(see also subdivision under White Russia)
Biological synthesis of protein matter with the passage of phosphorus and sulfur from superphosphate into different organs of the clover plant. P. A. Vlasiuk, E. S. Kosmatyi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:10-24 '55.
Crimson clover. A. K. Ostashchenko-Kudriavtseva. Pchelovodstvo 33 no. 12:39-40 D '56.
Increasing the seed production of red clover and the returns of pollinating apiaries. N. P. Smaragdova. Uch. zap. Mosk. un. no. 186:73-84 '56.
Studying metabolism in clover plants with the aid of radioactive sulfur. P. A. Vlasiuk, E. S. Kosmatyi, Z. M. Klimovitskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:33-38 '55.
Using kalussila for clover and sugar beet. P. A. Vlasiuk, P. Z. Lisoval. Ud. i ur. 1 no. 11:46-49 N '56.

CLOVER—VARIETIES see subdivision under Ukraine

CLUPEIFORMES
On the respiratory role of carotenoid pigment in the spawn of salmonid fishes and other representatives of the order Clupeiformes [with English summary in insert]. S. G. Sots. Zool. zhur. 35 no. 9:1302-1309 S '56.

COAL
(see also subdivision under Kazakhstan; Kizel)
Tilov, N.G. [Coal and its uses] Ugol' i ego ispol'zovanie. Moskva, Gos. izd-vo kul'turno-prosvetil. lit-ry, 1956. 45 p. (V pomoshch' lektoru)
Uniformity of qualitative standards for blended coal charges. A. I. Fridman. Koks i khim. no. 7:11-12 '56.
Zhemchuzhnikov, IU., and G. Gor. [Coal] Kamennyi ugol'. Moskva, Gos. izd-vo detskoi lit-ry, 1949. 66 p. (V pomoshch' shkol'niku)

COAL—ANALYSIS see subdivision under Donets Basin

COAL—CARBONIZATION
New coking method for producing metallurgical fuel from coals with low caking power of the Cheremkhovo deposits. G. V. Speranskaia, IU. M. Skvortsov. Koks i khim. no. 7:3-6 '56.

COAL, PULVERIZED
Crushing and grinding coals. V. G. Zashkvara. Koks i khim. no. 7:7-10 '56.
Determining the grindability factor of a coal mixture. K. IA. Polferov. Teploenergetika 3 no. 12:26-28 D '56.
Flow of particles in a free axially symmetric stream. S. V. Bukhman, A. P. Chernov. Izv. AN Kazakh. SSR. Ser. energ. no. 10:114-118 '56.
Measuring the rate of pulverized coal flow. P. A. Antikain. Teploenergetika 3 no. 12:36-37 D '56.

COAL GASIFICATION
Investigation of a high-intensity gas generator for gas-turbine installations. Kh. I. Kolodtsev, I. F. Orel'chenko. Teploenergetika 3 no. 11:37-42 N '56.

COAL GEOLOGY
(see also subdivision under Donets Basin; Uzbekistan)
Density logging of coal-prospecting test holes. G. M. Voskoboinikov, L. L. Deev. Razved. i okh. nedr 22 no. 10:38-40 O '56.
Quality and reliability of core drilling data in testing coal deposits. V. S. Ogarkov. Razved. i okh. nedr 21 no. 6:27-33 N-D '55.

COAL HANDLING
Improve the performance of underground transportation. A. Krakhmalev, I. Sinitsa. Mast. ugl. 5 no. 10:14-16 O '56.

COAL-HANDLING MACHINERY
Kinematics and dynamo of the working part of the G-153 coal loading machine. N. V. Gontar'. Nauch. trudy NPI 26:37-67 '55.

COAL MINERS see subdivision under Donets Basin; Korea, North; Uzbekistan

COAL MINERS—DISEASES AND HYGIENE
Joint session of the Society of Traumatologists and Orthopedists of Moscow and Moscow Province, the Scientific Council of the Central Institute of Traumatology and Orthopedics, and the Interdistrict Conference of Surgeons of the Moscow Basin Coal Industry. Ortop., travm. i protez. no. 5:81-83 S-O '55.

COAL MINES AND MINING
(see also subdivision under China; Donets Basin; Karaganda Basin; Kizyel-Kiya; Korea, North; Moscow Basin)
August 26th is Miner's Day. Sov. voin 38 no. 16:8 Ag '56.
Bokii, O. B., A. I. Morozov, and M. V. Mordukhovich. [Organization and planning of work in auxiliary sectors and plants of mines] Organizatsiia i planirovanie raboty vspomogatel'nykh uchastkov i tsekhov shakhty. Moskva, Ugletekhizdat, 1956. 310 p.
Books on work practices in progressive mines. V. Dindyk. Mast. ugl. 5 no. 10:31 O '56.
Distribution curves representing daily energy consumption in coal mines. B. N. Avilov-Karnaukhov. Nauch. trudy NPI 26:350-354 '55.
[Mechanization of preparatory operations abroad] Mekhanizatsiia provedeniia podgotovitel'nykh vyrabotok za rubezhom. Moskva, Ugletekhizdat, 1956. 75 p.
Mine building during the sixth five-year plan. Mast. ugl. 5 no. 10:27 O '56.
Rapid mining of loader rooms. M. Borovkov. Mast. ugl. 5 no. 10:10-11 O '56.
Rodionov, L. E. [Determination of slope angles in open cut mines] Opredelenie uglov otkosa rabochikh ustupov ugol'nogo razreza. Moskva, Ugletekhizdat, 1956. 40 p.
Widen the road for innovators in industry. Mast. ugl. 5 no. 10:1-2 O '56.
Zvorykin, A. A., D. M. Kirzhner, and M. B. Kundin. [Production organization and planning in the Soviet coal industry] Organizatsiia i planirovanie proizvodstva v ugol'noi promyshlennosti SSSR. Izd. 2-oe, perer. i dop. Moskva, Ugletekhizdat, 1956. 483 p.

COAL MINES AND MINING—SAFETY MEASURES see subdivision under Kazakhstan

COAL MINES AND MINING—TERMINOLOGY
Terpigorova, V.D., and M.A.Zavaritskaia. [Open-cut coal mining. Manual for translating English mining literature into Russian] Open-cut coal mining. Dobycha uglia otkrytym sposobom; uchebnoe posobie po perevodu s angliiskogo na russkii iazyk gorno-tekhnicheskoi literatury. Moskva, Ugletekhizdat.
Vol. 4, 1956. 197 p.

COAL MINING MACHINERY
(see also subdivision under Chelyabinsk Basin; Kuznetsk Basin)
Coal cutter-loader designed by the Stazhevskii brothers. M. Shuf. Mast. ugl. 5 no. 10:23-24 O '56.
Kuznetsov, A. A. [PGA-3 grab bin unit] Prokhodcheskii grotteryi agregat PGA-3. Moskva, Ugletekhizdat, 1956. 37 p. (Novaia gornaia tekhnika)

COAL MINING MACHINERY—REPAIRING
Konchev, S. K., and S. N. Khavkin. [Problems in the economics and organization of repair of mining equipment] Voprosy ekonomiki i organizatsii remonta gornoshakhtnogo oborudovaniia. Moskva, Ugletekhizdat, 1956. 124 p.

COAL PREPARATION
(see also subdivision under Donets Basin)
An electrician's valuable suggestion. V. Bar'kovskii. Mast. ugl. 5 no. 10:21 O '56.
Intensified flotation enrichment of coal fines. M. G. El'iashevich. Koks i khim. no. 7:12-17 '56.

COAL TAR
Suggestions of the interplant school of workers of continuous tar-processing sections. IA. A. Bron. Koks i khim. no. 7:44-46 '56.
Vapor-liquid balance in the rectification of coal tar. I. M. Nosalevich. Koks i khim. no. 7:37-41 '56.

COAL-TAR PRODUCTS
(see also subdivision under Cheremkhovo Coal Basin)
Increasing the productivity of the preliminary rectifying column. I. A. Levantovich, A. A. Novikov. Koks i khim. no. 7:63-64 '56.

COAST PROTECTIVE WORKS see Shore protection

COATINGS, PROTECTIVE see Protective coatings

COBALT
Amperometric titration of cobalt with anthranilic acid. Part 4. A. K. Zhdanov, A. M. IAkubov. Trudy SAGU no. 55:71-76 '54.
Cobalt content of certain food products of vegetable origin. K. V. Meleshko. Vop. pit. 15 no. 6:43-47 N-D '56.

COBALT—ISOTOPES
Relative distribution of depth doses in case of exposures to gamma-quanta emitted by $Co^{60}$ and a Ra complex. I. V. Poroikov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 2:174-186 '55.

COBALT—PHYSIOLOGICAL EFFECT
Effect of cobalt feeding on the growth and development of chicks in the hot climate of Turkmenistan. V. V. Donchenko, M. S. Kapustian, A. Amanmuradov. Izv. AN Turk. SSR no. 4:68-73 '56.

COBALT CARBONATES—MAGNETIC PROPERTIES
Magnetic properties of cobalt and manganese carbonates. A. S. Borovik-Romanov, M. P. Orlova. Zhur. eksp. i teor. fiz. 31 no. 4:579-582 O '56

COBALT CHLORIDE
Use of cobalt in raising chicks. K. S. Obenko, A. P. Antakov. Ptitsevodstvo 6 no. 11:41 N '56.

COBALT-TUNGSTEN-IRON ALLOYS see Iron-cobalt-tungsten alloys

COCCIDIOSIS
(see also subdivision under Alma-Ata Province; Kazakhstan; West Kazakhstan Province)
Effect of ultrasonic vibrations on the cocysts of Coccidia of rabbits. E. M. Kheisin, M. A. Khenokh. Biofizika 1 no. 6:721-726 '56.

COCKCHAFERS
Use of ultraviolet light in controlling the May beetle (Melolontha hippocastani Fab.) [with English summary in insert]. G. A. Mazokhin-Porshniakov. Zool. zhur. 35 no. 9:1356-1361 S '56.

CODES, TELEGRAPH see Cipher and telegraph codes

COENZYMES
Effect of drug-induced sleep on the amount of certain labile phosphorus compounds in various organs and tissues. A. M. Alekseeva, L. G. Magazanik. Biul. eksp. biol. i med. 42 no. 10:19-22 O '56.

COFFERDAMS
Extracting piles from the cellular cofferdam at the Gorkiy Hydroelectric Power Station project by vibration methods. N. A. Preobrazhenskaia. Gidr. stroi. 25 no. 10:12-14 N '56.

COGNAC see Brandy

COGNITION see Consciousness

COILS, ELECTRIC see Electric coils

COKE
Determining temperature stresses during the heating of coke. R. E. Leibovich. Koks i khim. no. 7:25-27 '56.
The quality of coke in connection with grains larger than 6 mm contained in a blended coal charge. M. D. Kuznetsov, E. IA. Eidel'man. Koks i khim. no. 7:11 '56.

COKE INDUSTRY
Planning electric energy consumption in by-product coking plants. L. E. Gurevich. Koks i khim. no. 7:49-50 '56.

COKE INDUSTRY—BY-PRODUCTS see subdivision under United States

COKE INDUSTRY—EQUIPMENT AND SUPPLIES
Collecting and purifying vapor condensate in by-product coking plants. L. A. Toptygin. Koks i khim. no. 7:51-53 '56.

COKE-OVEN GAS
Present-day methods for removing hydrogen sulfide from coke-oven gas in foreign countries. M. S. Litvinenko. Koks i khim. no. 7:56-61 '56.

COKE OVENS
Arrangement for utilizing waste heat of coke-oven stand- [illegible] N. Arkhipov, A. M. Litvinov, A. P. Simenson. [illegible], 7:18-19 '56.
[illegible]rticle of R. Z. Lerner "Changing the [illegible] for a considerable increase in the [illegible]er battery." Koks i khim. no. 7:28-31 [illegible]
[illegible]teless charging of coke ovens. R. Z. [illegible]im. no. 7:23-25 '56.
[illegible] with recuperators in place of regen- [illegible]dabuzar. Koks i khim. no. 7:20-23 [illegible]

[illegible]ICAL EFFECT
[illegible]bility of cold hardiness in certain in- [illegible]lish summary in insert]. G. A. Pantiu- [illegible]35 no. 9:1312-1324 S '56.

[illegible]S
[illegible]ion under Bryansk Province; Chardzhou [illegible]etrovsk Province; Khakas Autonomous [illegible] Province; Leningrad Province; Marin-

[illegible]onal wages on collective farms. [illegible]sgiz. no. 35:8-19 D '56.

Komm. Bel. 29 no. 11:80 N '56.

[illegible]and A. R. Morozov. [The club and [illegible]ion among collective farm workers] [illegible]heskoe sorevnovanie kolkhoznikov. [illegible]-vo kul'turno-prosvetitel'noi lit-ry, [illegible]blechka sel'skogo klubnogo rabotnika)

Anastasenko, F. I., and A. I. Blankshtein. [The principle of material interest in collective farm production] Printsip material'noi zainteresovannosti v kolkhoznom proizvodstve. [Leningrad] Leningradskoe gazetno-zhurnal'noe i knizhnoe izd-vo, 1954. 112 p.

Call to order the violator of collective farm statutes. F. Korpus' and others. Komm. Bel. 29 no. 11:33-34 N '56.

Combination tractor groups. B. Z. Synzynys. Nauka i pered. op. v sel'khoz. no. 10:49-51 O '56.

Communists help a collective farm overcome its lag. V. Korobtsov. Komm. Bel. 29 no. 11:22-27 N '56.

Ensure the active participation of collective farm members in the communal economy. Kolkh. Bel. 4 no. 8:1-2 Ag '56.

For every collective farm a high-quality seed supply. MTS 16 no. 10:1-3 O '56.

Frosty morning; photosketch. V. Tarasevich. Sov. zhen. 12 no. 12:23-25 D '56.

"Handbook on operating automobiles on collective farms" by M. L. Bileta'kyi and others. Reviewed by P. I. Korchemnyi. Mekh. sil'. hosp. 7 no. 10:3 of cover O '56.

How party organizations supervise the work of the collective farm executive board. Komm. Bel. 29 no. 11:59-60 N '56.

[It's a question of organizers; the work of a collective farm director] Delo v organizatorakh; iz praktiki rukovodstva kolkhozami. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 164 p.

Kolpakov, D.S. [Sources for an increase in labor productivity on collective farms] Istochniki rosta proizvoditel'nosti truda v kolkhozakh. [Moskva] Moskovskii rabochii, 1956. 91 p.
DS

Krivitskii, A. L. [On a progressive collective farm] V peredovom kolkhoze. Frunze, Kirgizskoe gos. izd-vo, 1955. 24 p.
(DA)

Labor activity of collective farm members is on the rise. I. K. Meteshkevich. Kolkh. Bel. 4 no. 10:3-4 O '56.

Let us calculate the cost of collective farm production. E. Gorodetskii. Mol. komm. 14 no. 11:95-101 N '56.

Lukinov, I.I. [Monthly advance payments to collective farm workers] Ezhemesiachnoe denezhnoe avansirovanie kholhoznikov. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 29)

Origin of the collective farm workday. F. D. Zakhrabov. Uch. zap. AGU no. 5:89-103 '55.

[Our experience in studying the collective farm economy; a collection of articles based on a Khmel'nitskiy Province agricultural conference] Nash opyt izucheniia kolkhoznoi ekonomiki; sbornik statei po materialam Khmel'nitskoi oblastnoi ekonomicheskoi sel'skokhoziaistvennoi konferentsii. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 166 p.

Sincere man. I. Kostin. Part. zhizn' no. 19:51-55 O '56.

Stepanov, P. A., N. M. Pavlova, and N. I. Koroleva. [The collective farm orchard] Kolkhoznyi sad. Izd. 4-e, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 268 p.
(DA)

Strengthening of the village soviets in the leading grain-growing districts during the period 1920-1931. L. F. Skliarov. Uch. zap. Ped. inst. Gerts. 102:59-86 '55.

Strictly observe regulations of the agricultural artel. S. Land'arskii. Komm. Bel. 29 no. 12:32-34 D '56.

The struggle against crimes by collective farm officials. N. A. Beliaev, A. N. Zubrilov. Uch. zap. Len. un. no. 202:128-155 '56.

Workdays of a collective farm agronomist. D. M. Timakov. Nauka i pered. op. v sel'khoz. no. 10:53-55 O '56.

Yugoslav guests on the "Rossiia" Collective Farm. N. Ivanov. Slaviane no. 11:54-56 N '56.

COLLECTIVE FARMS—ACCOUNTING
It's impossible to agree with this. F. A. Zubarev. Nauka i pered. op. v sel'khoz. no. 10:29-32 O '56.
Methods of recording workdays for managerial personnel on collective farms. V. F. Kondakov, V. T. Lavrinenko. Izv. AN Turk. SSR no. 4:28-35 '56.
Planning and accounting for production costs on collective farms. G. Gaponenko. Plan. khoz. no. 5:41-54 '56.
Tolypin, IU. M. [Business accounting and net cost at machine-tractor stations and on collective farms] Khozraschet i sebestoimost' v MTS i kolkhozakh. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 74 p. (Bibliotechka v pomoshch' lektoru, no. 22)

COLLECTIVE FARMS—FINANCE
IArkov, D.M. [Credit for collective farms] Proizvodstvennoe kreditovanie kolkhozov. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 79 p.
(DA)

Pankukova, Z. S. [Collective farm income and its distribution] Dokhody kolkhozov i ikh raspredelenie. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva. Vyp. 2, no. 11)

COLLECTIVE LABOR AGREEMENTS see subdivision under Klimovsk

COLLEGE AND SCHOOL DRAMA see subdivision under Minsk

COLLISIONS (NUCLEAR PHYSICS)
Elastic (p-p) scattering and the characteristics of JI-meson-nucleon interactions. L. M. Soroko. Zhur. eksp. i teor. fiz. 31 no. 4:699-701 O '56.
Electron separation from negative ions of halides following collisions with atoms of inert gases and with hydrogen molecules. IU. F. Bydin, V. M. Dukel'skii. Zhur. eksp. i teor. fiz. 31 no. 4:569-578 O '56.
Interaction of JI⁻-mesons with lead, copper, carbon, and beryllium nuclei. A. E. Ignatenko and others. Zhur. eksp. i teor. fiz. 31 no. 4:545-549 O '56.
Interaction of negative JI -mesons and helium nuclei at 300 Mev energies. M. S. Kozodaev and others. Zhur. eksp. i teor. fiz. 31 no. 4:701-703 O '56.
Multiple particle formation in nucleon-nucleon collisions at 5.3 Bev energy. V. M. Maksimenko, A. I. Nikishov. Zhur. eksp. i teor. fiz. 31 no. 4:727-729 O '56.

COLLOIDS
Colloid composition in normal sugar beet juice. I. A. Sirochenko. Nauch. trudy inst. fiziol. rast. i agrokhim. AN URSR no. 3:311-315 '51.
Effect of the characteristics of liquids on the shearing strain of polyvinyl chloride gels. K. S. Akhmedov, B. Z. Ganiev. Trudy SAGU no. 40:27-31 '53.
Note on the lectures of Academician P. A. Rebinder. N. A. Izmailov. Zhur. fiz. khim. 30 no. 9:2133 S '56.

COLONIES
Bankruptcy of colonialism. Vl. Kondrat'ev. Rabotnitsa 34 no. 12:19 D '56.
Disintegration of the imperialist colonial system. IU. Manin. Komm. Bel. 29 no. 12:41-49 D '56.

COLOR
N. T. Fedorov's theory of color contrast. M. M. Bongard, M. S. Smirnov. Biofizika 1 no. 6:754-758 '56.

COLOR IN THE TEXTILE INDUSTRY
Forming a colored design on the warp in multicolored weaving. G. N. Romanov. Tekst. prom. 16 no. 11:29-32 N '56.

COLOR OF PLANTS
Addition to the article "Visual color perception of the spectral composition of the fluorescence of plants and their flowers." G. A. Tikhov. Trudy Sekt. astrobot. AN Kazakh. SSR 3:126-151 '55.
Fluorescence of plants during exposures to light sources in various regions of the spectrum. Sh. P. Darchiia. Trudy Sekt. astrobot. AN Kazakh. SSR 3:211-218 '55.
Investigating the fluorescence of plants during their exposure to light sources of various spectral composition. Sh. P. Darchiia. Trudy Sekt. astrobot. AN Kazakh. SSR 3:195-210 '55.
Method for determining the duration of the fluorescence of plants. V. S. Sokolova. Trudy Sekt. astrobot. AN Kazakh. SSR 3:152-159 '55.
Spectrophotometry of flowers of plants of various coloration. K. I. Kozlova. Trudy Sekt. astrobot. AN Kazakh. SSR 3:160-170 '55.
Visual color perception of the spectral composition of the fluorescence of plants and their flowers. G. A. Tikhov. Trudy Sekt. astrobot. AN Kazakh. SSR 3:112-125 '55.

COLOR PRINTING
Multicolor printing employing one productive cycle of the press. M. I Alekseandrova. Nauch. trudy MPI no. 4:103-119 '56.
Physical and mechanical properties of printing colors and the phenomenon of "noncirculation." B. N. Shakhkel'dian. Nauch. trudy MPI no. 4:137-153 '56.

COLOR SENSE
Color sense of insects; on the book "Bees, their vision, smell, taste, and tongue" by K. Frish. G. A. Mazokhin-Porshniakov. Biofizika 1 no. 1:98-105 '56.
Use of IUstova's tables in color sense research. A. B. Flekkel'. Biofizika 1 no. 6:708-712 '56.

COLORIMETRY
Colorimetric determination of mercury using methyl violet. M. P. Anan'evskaia, V. I. Petrashen'. Nauch. trudy NPI 26:246-251 '55.
Colorimetric determination of tungsten using methyl violet. A. F. Nemirovskaia, V. I. Petrashen'. Nauch. trudy NPI 26:237-245 '55.
Colorimetric method for determining sodium in soda-lime glass without taking weighed portions. K. K. Kolchova, V. A. Gerasimova. Zav. lab. 22 no. 7:794-795 '56.
Photocolorimetric determination of phosphorus in the presence of tungsten, titanium, and niobium. E. I. Nikitina. Zav. lab. 22 no. 9:1027-1030 '56.

COLUMNS, CONCRETE
Placing columns in socket-type foundations. G. Ivianskii, M. Sats. Stroitel' 2 no. 3:5-6 Mr '56.

COMBINES (AGRICULTURAL MACHINERY)
Continuous operation in harvesting sugar beets with the SPT-3 combine. V. A. Karen'kov. Sakh. svekl. no. 7:40-44 S '56.

COMBINES (AGRICULTURAL MACHINERY) (Continued)
For highly productive performance of combine-type beet harvesters. A. Get', Sakh. svekl. no. 7:5-6 S '56.
Increasing the efficiency of the gear oil pump of the hydraulic system of C-4m selfpropelled combines. V. P. Gavrilov, N. I. Chursin. Sel'khozmashina no. 11: 24-25 N '56.
The KU-3 corn-harvesting combine. V. V. Tudel', A. H. Parkhomenko. Mekh. sil'.hosp. 7 no. 10:26-27 O '56.
Performance of the screw conveyer. I. V. Morin. Sel'-khozmashina no. 11:19-24 N '56.
[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no. 1 Ja '57.
[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no. 12 D '56.

COMBING MACHINES
Improving the operation of combing machinery. I. F. Trompeter. Tekst. prom. 16 no. 9:57-60 S '56.
Straightening the silver on the stand of a combing machine. F. A. Afonchikov, T. P. Bornikova, L. I. Khrenova. Tekst. prom. 16 no. 11:26-26 N '56.

COMBUSTION
Burning of Kizel coal intermediate preparation products in an All-Union Institute of Thermodynamics furnace with high slag recovery. IU. L. Marshak. Teploenergetika 3 no. 12:28-34 D '56.
Burning some Kazakh coals in a cyclone furnace. A. V. Tonkonogii, I. P. Basina. Izv. AN Kazakh. SSR. Ser. energ. no. 10:103-113 '56.
Systems for automatic control of combustion with the use of oxygen meters. V. D. Moronov. Teploenergetika 3 no. 11:25-29 N '56.

COMBUSTION, SPONTANEOUS
Selfheating of coal. A. I. Khalturin, K. E. Moiseeva. Izv. AN Kazakh. SSR. Ser. khim. no. 10:81-90 '56.

COMET, ENCKE'S
Variation in the brightness of Encke-Backlund's comet. S. K. Vsekhsviatskii. Publ. Kiev. astron. obser. no. 7: 31-44 '56.

COMETS
Meteoritic hypothesis of the origin of comets. P. G. Dukhnovskii. Publ. Kiev. astron. obser. no. 7:13-20 '56.
Observations of comets at the Astronomical Observatory of Kiev State University. V. P. Konopleva. Publ. Kiev. astron. obser. no. 7:113-116 '56.
Origin of comets by ejection from satellites. P. G. Dukhnovskii. Publ. Kiev. astron. obser. no. 7:45-51 '56.
Perturbation of the motion of comets by stars. K. A. Shteins. Astron. zhur. 33 no. 5:756-760 S-O '56.

COMETS—ORBITS
Radiants of the comets. E. N. Kramer. Trudy Inst. fiz. i geofiz. AN Turk. SSR 1:5-72 '55.

COMETS—1926
Crommelin's comet (1926 III). Astron. tsir. no. 171: 1 Jl '56.

COMETS—1955
Evaluating the brilliance of Mrkos' comet (1955 b). S. Vsekhsviatskii. Astron. tsir. no. 171:5 Jl '56.
Observations of appearance and brilliance of Honda's comet (1955 g). S. Vsekhsviatskii. Astron. tsir. no. 171:2-5 Jl '56.
Observations of Bakharev-MacFarlane-Krienke's comet (1955 f). S. Vsekhsviatskii. Astron. tsir. no. 171: 6-7 Jl '56.
Photoelectric observations of Honda's Comet (1955 g). S. K. Vsekhsviatskii. Astron. tsir. no. 171:1-2 Jl '56.

COMMERCE
Boltianskii, IU.G. [Material responsibility of workers in commerce] Materialnaia otvetstvennost' rabotnikov torgovli. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 50 p.
Develop trade under new conditions. Sov. torg. no. 10:1-5 O '56.
Novitskii, L.B., K.A.Gravo, and B.A.Liskovets. [Legal regulation of commerce between town and country] Pravovoe regulirovanie tovarooborota mezhdu gorodom i derevnei. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 270 p.
DS
Soviet commodity exchange as reported in a recently published statistical collection. E. A. Glovinskii. Obz. vazhn. nob. SSSR 3 no. 99:1-12 N '56.

COMMERCE—BIBLIOGRAPHY see Bibliography—Commerce

COMMERCE—DICTIONARIES
Semenova, L.P., and V.V.Savost'ianov, comps. [Concise Bulgarian-Russian and Russian-Bulgarian dictionary of foreign trade terms] Kratkii bulgarsko-russkii i russko-bulgarskii vneshnetgovyi slovar'. Moskva, Vneshtorg-izdat, 1956. 235 p.

COMMERCE—PERIODICALS see subdivision under Germany

COMMUNICABLE DISEASES
Co-ordination of scientific research work on the problem "Endemic nature of diseases" by I. G. Galuzo. Vest. AN Kazakh. SSR 12 no. 10:16-26 O '56.
Role of plasmatherapy in the combined treatment of suppurative and infectious diseases. M. A. Kotliar. Vop. pered. krovi. 4:133-144 '55.

COMMUNICATION THEORY see Information theory

COMMUNISM
Ivanov, A. I. [The advent of Marxism was a revolutionary upheaval in philosophy] Vozniknovenie marksizma - revoliutsionnyi perevorot v filosofii. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 79 p.
Moral and political unity of socialist society and the obliteration of class differences. G. Glezerman. Kommunist 33 no. 15:26-43 O '56.
The objective character of economic laws under socialism. O. M. Vasil'ev. Uch. zap. KHGU 63:43-65 '55.
Shchetinin, B. V. [Marxism-Leninism on the forms of the socialist state] Marksizm-leninizm o formakh sotsialisticheskogo gosudarstva. Moskva, Izd-vo "Znanie," 1956. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 53)
Socialism, a world system. G. A. Deborin. Vop. filos. no. 6:3-10 '56.
The subject of the economics of socialist industry. G. D. Gurari. Nauch. zap. Len. fin.-ekon. inst. no. 8:53-162 '55.
The transition from capitalism to socialism by parliamentary means. G. Anatol'ev. Mezhdunar. zhizn' no. 10: 68-76 O '56.

COMMUNISM—HISTORY
Olzerman, T.I. [Development of Marxist theory from knowledge gained in the revolution of 1848] Razvitie marksistskoi teorii na opyte revoliutsii 1848 g. Moskva, Gos. izd-vo polit. lit-ry, 1955. 286 p.
Piatnitskii, O.A. [A Bolshevik's notes] Zapiski bol'shevika. Izd. 5-oe. Moskva, Gos. izd-vo polit. lit-ry, 1956. 220 p.
Struggle for the founding of the Marxist Workers Party in the 1890's. M. A. Moskalev. Vop. ist. no. 8:91-104 Ag '56.

COMMUNIST EDUCATION
(see also subdivision under Glusk District; Gomel'; White Russia)
Closer to life. A. Riabinina. Mol. komm. 14 no. 11: 106-108 N '56.
"Communist education," 2nd ed., by A. S. Makarenko. Reviewed by V. Voronisov. Part. zhizn' no. 19:71-76 O '56.
Creative activity of students. A. Guzhov. Mol. komm. 14 no. 11:104-106 N '56.
Kalinin, M.I. [Communist education; selected speeches and articles] O kommunisticheskom vospitanii; izbrannye rechi i stat'i. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 391 p.
Makarenko, A.S. [Communist education; selected pedagogical works] O kommunisticheskom vospitanii; izbrannye pedagogicheskie proizvedeniia. Izd. 2-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 579 p.
The most important current events. Obz. vazhn. sob. SSSR 3 no. 99:33-38 N '56.
Zhurin, B.I. [Parent associations as aids to schools in the communist education of children] Roditel'skaia obshchestvennost' v pomoshch' shkole po kommunisticheskomu vospitaniiu detei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1952. 174 p.

COMMUNIST ETHICS
Be worthy of Lenin's followers; a letter by old Bolsheviks. G. M. Krizhizhanovskii and others. Mol. komm. 14 no. 11:9-11 N '56.

COMMUNIST PARTY
(see also subdivision under Austria; Korea, North)
Indissoluble ideological unity of communist parties. Al. Romanov. Mezhdunar. zhizn' no. 11:10-20 N '56.

COMMUNIST PARTY—CONGRESSES see subdivision under Peiping

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Berestovitsa District; Leningrad; Mir District; Pliesky District; White Russia)
The Communist Party as the organizer of the victory on the Eastern front in 1918. S. F. Naida, IU. P. Petrov. Vop. ist. no. 10:3-15 O '56.
Instructive judgement. Part. zhizn' no. 19:28-30 O '56.
International significance of the historical experience of the Communist Party of the Soviet Union. P. I. Holovko. Pratsi kaf. suspilnuk L'viv. un. no. 1:5-26 '54.
Party organizations of the Ukraine were organizers of socialist competition and the extension of progressive practices in the field of agriculture during the prewar years of the third five-year plan. N. A. Bessarabov. Pratsi kaf. suspilnuk L'viv. un. no. 1:52-68 '54.

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES
Gil'gulin, M. D. [Eleventh All-Russian Conference of the Russian Communist Party (Bolshevik)] Odinnadtsataia Vserossiiskaia konferentsiia RKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1956. 50 p. (S"ezdy i konferentsii KPSS)
Koniukhov, G.A. [Thirteenth conference of the Russian Communist Party (Bolshevik)] Trinadtsataia konferentsiia RKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1956. 70 p. (S"ezdy i konferentsii KPSS)
Solov'ev, A.A. [The eighteenth conference of the All-Union Communist Party] Vosemnadtsataia konferentsiia VKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1956. 79 p. (S"ezdy i konferentsii KPSS)

COMMUNIST PARTY OF THE SOVIET UNION—HISTORY
Lenin, V. I. [Lenin on the development of the party] Lenin o partiinom stroitel'stve. Moskva, Gos. izd-vo polit. lit-ry, 1956. 725 p.
On the history of the Lenin Institute and the Central Party Archives (1919-1931). N. S. Komarov. Vop. ist. no. 10:181-191 O '56.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Chechersk District; Kitsman' District; Loginsk District; Minsk; Narovlya District; Omsk Province; Uzhur; White Russia)
Activities of the "October Revolution" agitation train in the midst of peasants (1919-1920). L. V. Maksakova. Vop. ist. no. 10:102-111 O '56.
Advise or oblige? Komm. Bel. 29 no. 11:60 N '56.
At a leading plt. A. Zlobinskaia. Part. zhizn' no. 19: 47-50 O '56.
Churaev, V. M. [Raise Party organizational work to the standard set by the 20th Congress of the Communist Party of the Soviet Union] Partiino-organizatsionnuiu rabotu - na uroven' zadach, postavlennykh XX s"ezdom KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1956. 93 p. (Voprosy partiinogo stroitel'stva)
Don't avoid personal responsibility. R. Zakirov. Part. zhizn' no. 19:55-57 O '56.
From talks about current interests. Part. zhizn' no. 19: 30 O '56.
[A great force; some forms and methods of mass political work in industrial enterprises. A collection of articles] Velikaia sila; o nekotorykh formakh i metodakh massovo-politicheskoi raboty na promyshlennykh predpriiatiiakh. Sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1956. 149 p. (Iz opyta raboty partiinykh organizatsii)
How party organizations supervise the work of the collective farm executive board. Komm. Bel. 20 no. 11:59-60 N '56.
[Ideological work of party organizations] Ideologicheskaia rabota partiinykh organizatsii. Moskva, Izd-vo polit. lit-ry, 1956. 197 p.
Iakichenko, A.F. [The deed beyond the word; remarks on the agitator's work on a dairy farm] Za slovom - delo; zametki o rabote agitatora na molochnotovarnoi ferme. Moskva, Gos. izd-vo polit. lit-ry, 1956. 34 p. (Bibliotechka agitatora)
Krivoshei, A. F. [The work of the organizer is paramount] Glavnoe - v organizatorskoi rabote. Moskva, Gospolitizdat, 1956. 95 p. (Iz opyta raboty partiinykh organizatsii)
DS
Party democracy and leadership. Part. zhizn' no. 10: 3-8 O '56.
Party news. Part. zhizn' no. 10:79-80 O '56.
Party organizations and libraries. I. TSarogradskii. Part. zhizn' no. 19:58-60 O '56.
Problems in industrial supervision. N. Ignatov. Part. zhizn' no. 19:9-19 O '56.
Report of the secretary of the party organization. Part. zhizn' no. 19:63-66 O '56.
Some forms of propaganda work on collective farms in Soviet Turkmenistan during the Great Patriotic War of 1941-1945. A. R. Agaeva. Izv. AN Turk. SSR no. 5:59-66 '56.
Using the method of persuasion. P. Bychkov. Komm. Bel. 20 no. 11:19-21 N '56.
Voronova, P.S. [The Party group at building sites] Partgruppa na stroike. [Moskva] Moskovskii rabochii, 1956. 55 p.

COMMUNIST YOUTH LEAGUE
(see also subdivision under Akmolinsk Province; Minsk Province; Transbaikalia)
Basis of democratic centralism in the Communist Youth League. E. Sokolov. Mol. komm. 14 no. 11:12-20 N '56.
Communist Youth League members of a workshop. K. Domashenko. Mol. komm. 14 no. 11:66-68 N '56.
Communist Youth League news. Mol. komm. 14 no. 11: 120-121 N '56.

COMMUNIST YOUTH LEAGUE (Continued)
Defend the economic rights of youth. D. Shakirzianova. Mol. komm. 14 no. 11:39-43 N '56.
Follow-up on our articles. Mol. komm. 14 no. 11:121 N '56.
Glorious traditions of the Lenin Communist Youth League. I. Pauker. Kinomekhanik no. 11:9 N '56.
Study of economics at the factory. A. Belov. Mol. komm. 14 no. 11:117-118 N '56.
Talk with youth. N. Manuilov. Mol. komm. 14 no. 11: 116-117 N '56.
This is where our work is. A. Belousov. Mol. komm. 14 no. 11:82-86 N '56.
Undiscovered approach. S. Geguzin, P. Bondarenko. Mol. komm. 14 no. 11:109-112 N '56.
Young builders of the Bratsk Hydroelectric Power Station. N. Lunev. Mol. komm. 14 no. 11:62-65 N '56.

COMMUNIST YOUTH LEAGUE—MEMBERSHIP
Carry out successfully the exchange of Communist Youth League documents. Mol. komm. 14 no. 11:44-46 N '56.

COMMUNITY AND SCHOOL
Valuable beginning of the "Trekhgornaia Manufaktura" combine. Sem'ia i shkola 11 no. 12:11 D '56.

COMMUNITY CENTERS
(see also subdivision under Berezotocha; Dvurechnaya District; Krakovets; Nikolayev Province; Ryabushki)
Gordeev, A. [Community centers help collective farm production] Klub pomogaet kholkhoznomu proizvodstvu. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1952. 36 p. (Bibliotechka sel'skogo klubnogo rabotnika, no.10) [MICROFILM]
Independent nature of cultural and educational work of trade unions. P. Korobova. Part. zhizn' no. 19:20-27 O '56.
Kosivtsov, A. [The community center on a leading collective farm] Klub peredovogo kolkhoza. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1952. 45 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 7) [MICROFILM]
Tushmalov, V. [The collective farm community center] Kolkhoznyi klub. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1951. 53 p. (Bibliotechka sel'skogo kul't-prosvetrabotnika, no. 5) [MICROFILM]

COMPARATIVE MORPHOLOGY see Morphology

COMPENSATION see Pensions

COMPETITION, INTERNATIONAL
Economic competition of two world systems. A. Alekseev. Mezhdunar. zhizn' no. 11:38-49 N '56.
Mikhailov, P.M. [The U.S.A. and England in capitalist markets after the Second World War] SShA i Anglila na kapitalisticheskikh rynkakh posle Vtoroi Mirovoi voiny. Moskva, Izd-vo Akademii nauk SSSR, 1956. 137 p. (Nauchno-populiarnaia serria)

COMPETITION, SOCIALIST see Socialist competition

COMPETITIONS see School contests

COMPLEMENT FIXATION
Using the fixation reaction in studying pappataci fever. M. N. Soshnikova. Vop. kraev. pat. no. 4:79-87 '54.

COMPLEMENTS (IMMUNITY)
Changes in the opsonic index and complement titer in suppurative infections under the effect of plasmotherapy. P. T. Kozyr', M. A. Kotliar. Vop. perel. krovi. 4:155-164 '55.

COMPOUNDS, COMPLEX
Mechanism and flow of spatial substitution in octahedral complexes (from "Revs. Pure and Appl. Chem. "4, 57, 1954). D. D. Brown. Usp. khim. 25 no. 10:1303-1308 O '56.
Method of continuous variations (from "Acta Chem. Scand. ", 9, 299, 1955). F. Woldbye. Usp. khim. 25 no. 10:1294-1302 O '56.

COMPOUNDS, COMPLEX—CONGRESSES
Report of the meeting on the use of tracer atoms in the chemistry of complex compounds. N. K. Davydenko. Zhur. fiz. khim. 30 no. 9:2127-2129 S '56.

COMPOUNDS, UNSATURATED
Chlorination of unsaturated polychloro derivatives in an acid medium. R. Kh. Freidlina, V. N. Kost, A. N. Nesmeianov. Izv. AN SSSR, Otd. khim. nauk no. 10: 1202-1207 O '56.

COMPRESSED WOOD see Wood, Compressed

COMPRESSORS—COOLING
Operation of compressor cylinders without water cooling. M. S. Brekhman. Gaz. prom. no. 6:37-39 Je '56.

COMPULSORY LABOR see subdivision 'Serfdom' under Ural Mountain region

CONCENTRATION see Attention

CONCENTRATION CAMPS—HISTORY see subdivision under Germany

CONCEPTION—PREVENTION
Contraceptives as a method for controlling abortion; materials for discussion. Fel'd. i akush. 21 no. 10: 50-56 O '56.

CONCERTS see subdivision under Ukraine

CONCRETE
Building industrial furnaces of heatproof concrete. I. G. Alferov. Stroi. prom. 34 no. 11:5-9 N '56.
Changes in the strength of concrete due to water saturation. N. A. Moshchanskii. Gidr. stroi. 25 no. 10:18-23 N '56.
Concrete admixtures and the rapid hardening of concrete by adding fine ground hardened cement. Bet. i zhel.-bet no. 11:411-412 N '56.
Investigation of electroosmosis for reducing water in concrete. IU. M. Grigorian, L. A. Osipov. Gidr. stroi. 25 no. 10:15-18 N '56.
Keramzit and keramzit concrete in building. S. Onatskii. Stroitel' 2 no. 3:28 Mr '56.
Problem of using barkhan sands for concrete. I. P. Moskal'tsov. Trudy TASHIIT no. 5:234-240 '56.
SM-475 and SM-476 vibration tables. O. I. Dalmatskii, P. I. Novosel'skii. Mekh. stroi 13 no. 11:20-23 N '56.
Temper and rated strength of concrete in precast reinforced and plain concrete elements. S. M. Zhak. Bet. i zhel.-bet no. 11:404-405 N '56.

CONCRETE—TESTING
Metal forms for taking concrete samples. G. G. Mudrov. Avt. dor. 19 no. 10:17-18 O '56.

CONCRETE—TRANSPORTATION
Equipment for transporting concrete mixtures. Stroitel' 2 no. 2:insert F '56.
Vibrating equipment for transporting concrete mixtures. IA. Besser. Stroitel' 2 no. 2:14 F '56.

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE, REINFORCED see Reinforced concrete

CONCRETE BLOCKS
Apartment houses built of coarse cellular concrete blocks. S. Polei, P. Ivanov, R. Arkad'ev. Stroitel' 2 no. 2:5-7 F '56.
Building schoolhouses using large blocks. L. P. Orentlikher, K. B. Ezdrin. Nov. tekh. i pered. op. v stroi. 18 no. 5:18-23 My '56.
Martynov, P. T. [Manufacture of concrete wall blocks on collective farms; workers' manual] Proizvodstvo stenovykh betonnykh kamnei v kolkhozakh; posobie dlia podgotovki rabochikh. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 75 p. (V pomoshch' kolkhoznomu stroitel'stvu)
Precast hollow foundation blocks made of stiff concrete. G. N. Izraelis. Bet. i zhel.-bet no. 11:396-396 N '56.
Walls of industrial buildings made of cast elements. V. Babaev. Stroitel' 2 no. 2:3-4 F '56.

CONCRETE BLOCKS—TERMINOLOGY
Specifying the nomenclature for large blocks weighing up to 3 tons. V. F. Railian, N. M. Kruzhkov. Arkhit. i stroi. Len. no. 3:15-18 S '56.

CONCRETE COLUMNS see Columns, Concrete

CONCRETE CONSTRUCTION
Electromagnetic vibrators for concrete placers. N. A. Komissarchik. Stroi. i dor. machinostr. no. 11:23-25 N '56.
Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Biuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. [Volga-Don; technical report on the construction of the V. I. Lenin Volga-Don Canal, the TSimlyansk Hydroelectric Development and Irrigation Facilities] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V. I. Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii. V piati tomakh, (1949-1952). Moskva, Gos. energ. izd-vo,
Vol. 4. [Concrete work] Betonnye raboty. Glav. red. S. IA. Zhuk. Red. toma G. D. Petrov. 1956. 427 p.
Wood concrete. N. N. Fedoseev. Kolkh. Bel. 4 no. 10: 35-36 O '56.

CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS
Improve constantly methods of winter concrete work. S. A. Mironov. Bet. i zhel.-bet no. 11:377-381 N '56.
Mortar container with an electric heater. Rats. i izobr. predl. v stroi. no. 138:19-20 '56.
Pit with an installation for heating mortars and concretes. Rats. i izobr. predl. v stroi. no. 138:17-18 '56.

CONCRETE CONSTRUCTION—FORMWORK
Concrete placer for construction yards. F. F. Korshov. Stroi. prom. 34 no. 11:30 N '56.
Machine tool for making partition slabs. B. Saul'chenko. Stroitel' 2 no. 8:12 Ag '56.
Metal forms for producing precast reinforced concrete units. P. Turilov. Stroitel' 2 no. 8:19 Ag '56.
Trestle with a mobile bin. G. IAzvikov. Stroitel' 2 no. 8:14 Ag '56.
Universal form for making concrete steps. M. Manskii. Stroitel' 2 no. 3:12 Mr '56.

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE PILING
Use of reinforced concrete foundations for transmission lines on wooden poles. Prom. energ. 11 no. 11:29 N '56.

CONCRETE PLANTS
Standard plant for producing products made of cellular concretes with a capacity of 30,000 cubic meters per year. N. S. Volosov, IU. B. Kuba. Stroi. i dor. machinostr. no. 11:18-21 N '56.

CONCRETE SLABS
Experimental nursery and kindergarten buildings built of large panels. Arkhit. i stroi. Len. no. 3:46 S '56.
Frameless large panel apartment houses. K. Parshina. Stroitel' 2 no. 3:7-8 Mr '56.
A master's remarks on the production of reinforced concrete shell slabs for Mingechaur Hydroelectric Power Station. N. A. Avdalov. Bet. i zhel.-bet no. 11:407-408 N '56.
Method for leveling the surface of rolling trays used for making large reinforced concrete products. B. L. Skilar. Mekh. stroi 13 no. 11:23-26 N '56.
Multiple-seated slabs in road construction. L. V. Gurevich. Gor. khoz. Mosk. 30 no. 9:39 S '56.
SM-475 and SM-476 vibration tables. O. I. Dalmatskii, P. I. Novosel'skii. Mekh. stroi 13 no. 11:20-23 N '56.
Temporary roads built of reinforced concrete slabs. A. IAkovlev. Stroitel' 2 no. 3:4 Mr '56.
Use of three-layer panels in the walls of the main building. V. P. Ganin. Elek. sta. 27 no. 10:22-25 O '56.

CONCRETIONS
(see also subdivision under Kara-Dag, Mount)
So-called cayeuxlie concretions. O. F. Tkachenko. Min. sbor. no. 10:245-250 '56.

CONDENSATE OIL WELLS
Study of wells having high formation pressures. I. M. Musaev, Kh. A. Grigorian. Azerb. neft. khoz. 35 no. 9: 14-17 S '56.

CONDENSATION TRAILS
Formation of a cellular structure in fog or smoke layers. V. K. Liapidevskii. Zhur. eksp. i teor. fiz. 30 no. 2:399-400 F '56.

CONDENSED MILK see Milk, Condensed

CONDENSERS (ELECTRICITY)
Back currents in spherical condenser-type instruments. M. IA. Mandel'shtam. Zhur. tekh. fiz. 26 no. 10:2234-2242 O '56.
Industrial application of "variconds" [seignettoceramic capacitors]. T. N. Verbitskaia. Elektrichestvo. no. 11: 68-74 N '56.
Metallized paper capacitors. Radio no. 11:60-61 N '56.
Using radiotelephone capacitors for raising the power factor of peat enterprises. B. I. Rozenberg. Torf. prom. 33 no. 7:27-29 '56.

CONDENSERS (ELECTRICITY)—DRYING
Using dielectric heating to dry capacity paper in rolls. A. V. Donskoi, A. A. Frumkin. Vest. elektroprom. 27 no. 5:35-39 My '56.

CONDENSERS (STEAM)
Utilizing exhaust air from hydrogen plus sodium cation exchangers installations to control deposits in turbine condensers. I. T. Rumiantsev. Prom. energ. 11 no. 11:13 N '56.

CONDENSERS (VAPORS AND GASES)
Methods of utilizing vapor from expanders in condenser systems of oil refineries. S. V. Ginberg, V. P. Uchastkin. Neftianik 1 no. 11:13-15 N '56.

CONDITIONED RESPONSE
Age-dependent peculiarities of the generalization of verbal conditioned stimuli. M. I. Seredina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:67-75 '56.
Chain-type conditioned reflexes in horses. Kh. T. Arskii, V. A. Kompantsev. Shor. trud. Khar'. vet. inst. 22:166-170 '54.
Changes in the cortical dynamics of man as effected by an intense sound stimulus. E. N. Iordanskaia. Biofiziko 1 no. 7:660-667 '56.
Changes in the verbal reaction to verbal stimuli under the effect of external inhibition in children. T. P. Pufiygina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:34-45 '56.
Complex dynamic structure in children at various ages. O. D. Naroditskaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:120-135 '56.

NDITIONED RESPONSE (Continued)
onditioned motor reactions to thermal skin stimulation in horses. T. A. Chumakova. Sbor. trud. Khar'. vet. inst. 21:155-163 '56.
onditioned motor reflexes in horses caused by thermal skin stimulation. Report no. 2. T. A. Chumakova. Sbor. trud. Khar'. vet. inst. 22:153-160 '54.
onditioned motor responses in horses to thermal skin stimulation. Report no. 3. T. A. Chumakova. Sbor. trud. Khar'. vet. inst. 22:161-165 '54.
onditioned reflex activity in rheumatism in children (in period between attacks) as related to hydrogen sulfide bath therapy. T. P. Borisova. Pediatriia 39 no. 4:60-63 Jl-Ag '56.
nditioned reflex changes in the adrenocorticotropic unction of the pituitary. N. V. Mikhailova. Probl. ndok. i gorm. 2 no. 5:9-12 S-O '56.
nditioned response to blood circulation, respiration, nd gas exchange in cattle [with summary in English]. '. F. Soldatenkov, S. M. Ganiushkina. Fiziol. zhur. 2 no. 10:893-897 O '56.
rtical regulation of micturition in man. P. M. Starkov, '. M. Pokrovskii. Fiziol. zhur. 42 no. 10:907-892 ) '56.
ourses of development of experimental studies on the work and interaction of the first and second signal ystems. A. G. Ivanov-Smolenskii. Trudy Inst. vys. erv. deiat. Ser. patofiziol. 2:3-20 '56.
veloping conditioned inhibition and disinhibition in esponse to the same stimulus in neuroses in children. L. L. Sinkevich. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:220-237 '56.
sorders of higher nervous activity in children in uberculous meningitis. IU. A. IAkunin. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:299-314 '56.
fect of external inhibition on the combined activity of he first and second signal systems. V. M. Maslen-ikova. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2: 6-50 '56.
fect of retarded inhibition of a conditioned motor eaction on the cardiovascular system; preliminary eport. E. M. Nikiforova. Trudy Inst. vys. nerv. deiat. er. patofiziol. 2:201-208 '56.
xperimental studies of disorders of higher nervous ctivity, particularly of the interrelations between the irst and second signal systems in children during the cute stage of rheumatic fever. L. S. Bogachenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:263-281 56.
ctors of space in the conditioned reflex activity of fish. '. O. Arefieva. Stud. nauk. pratsi no. 20:13-19 '56.
rmation of an antagonistic conditioned motor reaction n a child without preliminary development. L. S. Bogachenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 1:57-60 '56.
gher nervous activity in domestic animals. Kh. T. Arskii. Sbor. trud. Khar'. vet. inst. 22:68-77 '54.
errelationship between food and acid reflexes distinguishable by the site of unconditioned reinforcement with summary in English]. I. A. Lapina. Fiziol. zhur. 2 no. 10:830-843 O '56.
ethods of studying conditioned motor defense reflexes in orses. Kh. T. Arskii. Sbor. trud. Khar'. vet. inst. 21: 44-147 '56.
eculiarities of higher nervous activity in children during different stages of scarlet fever. E. Kh. Ganiushina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:282-298 '56.
eculiarities of the combined activity and interaction of the two signal systems of different types in school children. Z. N. Brika. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:175-200 '56.
aculiarities of the interaction between the first and second signal systems during the formation of a conditioned inhibition in neuroses in children. T. V. Strokina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:238-262 '56.
henomenon of chronogenous disinhibition of a conditioned reaction. L. S. Bogachenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:31-33 '56.
storation of temporary cortical connections present in latent condition. A. I. Schastnyi. Fiziol. zhur. 42 o. 10:844-848 O '56.
ole of elective irradiation and induction in some complex forms of combined activity of the two signal systems. V. K. Faddeeva. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:136-146 '56.
ole of the cerebral cortex in the pathogenesis of hemolytic anemia. Report no. 1: Attempted reproduction of a syndrome of experimental phenylhydrazine anemia. N. A. Grigorovich. Biul. eksp. biol. i med. 42 no. 10: 11-15 O '56.
me new data in the study of neural mechanisms of the interaction of the cortical signal systems. A. G. Ivanov-Smolenskii. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:315-334 '56.
me new data on chain-type conditioned bonds in the cerebral cortex in children. V. A. Gerasimchuk. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:114-126 '56.
me peculiarities of conditioned reflexes in cells. Kh. T. Arskii. Sbor. trud. Khar'. vet. inst. 21:146-156 '56.
udying conditioned reflex changes in the blood under mountain conditions. A. I. Izrael'. Trudy SAGU no. 80 3-16 '54.

Studying phenomena of so-called secondary excitation in the cerebral cortex in a child. G. D. Narodits kaia. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:106-113 '56.
Studying the dynamic transfer of a conditioned bond from one cortical signal system to the other. B. M. Kurbatov. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:76-87 '56.
Studying the higher nervous activity of school children in connection with some tasks in the hygiene of the nervous system. L. S. Bogachenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:209-228 '56.

CONDUCTING
Preparing a musical composition for orchestral performance. K Popolutov. Sots. kul't. 0 no. 10:41 O '56.

CONDUCTORS, ELECTRIC see Electric conductors

CONDUITS see Electric conduits

CONFORMAL MAPPING
Approximate conformal mapping by means of conjugate trigonometric series. G. A. Nikolaeva. Dokl. AN SSSR 110 no. 2:180-183 S '56.
Univalent functions in multiple connected domains. IU. E. Alenitsyn. Mat. sbor. 39 no. 3:315-330 Jl '56.

CONGO
[Congo, Nigeria] Kongo, Nigeriia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 29 p. (Strany Afriki. Geograficheskie spravki)

CONIFERAE see subdivision under Moscow Province

CONJUNCTIVA
Concentration of penicillin in the conjunctival sac in various methods of its infusion. A. M. Vodovozov. Vest. oft. 69 no. 5:88-89 S-O '56.

CONNECTING RODS
Experimental investigation of the dynamics of a locomotive connecting rod and piston mechanism when there is considerable play in the piston bearings. V. T. Sereda. Trudy KIIIT no. 20:66-70 '56.

CONNECTIVE TISSUES—DISEASES
Fibrinoid modification of the connective tissue; review of the literature. G. V. Orlovskaia. Arkh. pat. 18 no. 6:18-26 '56.
Multiple ossification of muscles, connective tissue and the arcolar layer in a 13-year-old boy. S. I. Gurevich, V. P. Gnamova. Pediatriia 39 no. 4:70-81 Jl-Ag '56.

CONSCIOUSNESS
Matter and consciousness. M. P. Lebedev. Vop. filos. no. 5:70-84 '56.

CONSTITUTIONS
(see also subdivision under Georgia)
[Constitutions of foreign socialist governments] Konstitutsii zarubezhnykh sotsialisticheskikh gosudarstv. Moskva, Gos. izd-vo jurid. lit-ry, 1956. 400 p.

CONSTRUCTION INDUSTRY
(see also subdivision under Kazakhstan)
Brief news. Stroitel' 2 no. 2:27-28 F '56.
Building houses with one's own hands. K. IUr'eva. Blok. agit. no. 36:1-7 D '56.
Characteristics of planning production bases in new building districts. A. B. Dorf. Strol. prom. 34 no. 10:21-25 O '56.
Develop demonstration building. Stroitel' 2 no. 3:1-2 Mr '56.
Under the leadership of the Communist Party of the Soviet Union toward new victories. Stroitel' 2 no. 2:1-2 F '56.
Wages for construction workers. S. Mitin. Stroitel' 2 no. 8:20 Ag '56.

CONSTRUCTION WORKERS see subdivision under Neprodzerzhinsk

CONSUMERS
(see also subdivision under Gorkiy)
Organizing a study of demand in the consumers' cooperative. E. Pozina. Sov. torg. no. 10:8-11 O '56.

CONSUMERS' GOODS see Russia—Manufactures

CONSUMPTION (ECONOMICS)
Compiling a regional balance sheet of the monetary income and spending of the population. G. Kaganov. Den. i kred. 14 no. 11:8-22 N '56.

CONTAINERS
Glass container. Stroitel' 2 no. 3:13 Mr '56.

CONTINENTS
Main features of the present-day relief of the earth's surface and neotectonics. Part 1. Types of megarelief of continental massifs. V. E. Khain, E. E. Milanovskii. Biul. MOIP, Otd. geol. 31 no. 3:3-36 My-Jo '56.

CONTRACEPTION see Conception—Prevention

CONTROL EQUIPMENT see Automatic control

CONVALLATOXIN
Changes in the electrocardiogram under the effect of convallatoxin. P. I. Onitsov. Sbor. trud. Khar'. vet. inst. 23:177-182 '56.

CONVERGENCE
Unconditional convergence almost everywhere. P. L. Ul'ianov. Mat. sbor. 40 no. 1:85-100 S '56.

CONVERTERS, ELECTRIC see Electric current converters

CONVEYING MACHINERY
(see also subdivision under Moscow Basin)
Mono-cable carriers with automatic unloading. G. I. Pantsial. Gor. zhur. no. 10:61 O '56.
Roller feeder for reloading building elements from one conveyer to an other. Rats. i izobr. predl. v stroi. no. 13B:10-12 '56.
Studying the work of small-size rollerless belt conveyers for transporting bulk loads. G. I. Kreimerman. Trudy VNIIZ no. 31:146-158 '56.
Vibrating conveyor. R. Shipotin. Muk.-elev. prom. 22 no. 10:21-23 O '56.

COOKERY (FISH)
Marinated fish. Rab. i sial. 32 no. 12:23 D '56.

COOKERY (POULTRY)
Roasted geese and ducks with apples. Rab. i sial. 32 no. 12:23 D '56.

COOPERATIVE AGRICULTURE see subdivision 'Agriculture, Cooperative' under Bulgaria; Korea, North

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES
(see also subdivision under Aktyubinsk; Leningrad; Mongolia; Sverdlovsk)
Follow-up of our publications. Prom. koop. no. 11:30 N '56.
For further development of efficiency experts' work. A. Voronin. Prom. koop. no. 11:26 N '56.
Hit the mark. Prom. koop. no. 11:36 N '56.
Make correct use of specialist. S. Kavokin. Prom. koop. no. 11:4-5 N '56.
Meetings of the executive and central committees of the International Cooperative Alliance. Mezhdunar. zhizn' no. 10:109-110 O '56.
Organizing a study of demand in the consumers' cooperative. E. Pozina. Sov. torg. no. 10:8-11 O '56.

COPPER MINES AND MINING
Outmoded wage terms. S. Pakhomov, M. Rudnitskii. Sots. trud no. 9:63-66 S '56.

COPPER-NICKEL ALLOYS
Studying Nernst (Ettingshausen) and Hall effects in two-component copper-nickel alloys. R. G. Annaev, S. Mamaev, A. R. Mikhailov. Izv. AN Turk. SSR no. 5:3-8 '56.

COPPER OXIDES
Investigating the photoconductivity and the photographic effect of cuprous oxide under the action of X rays. A. N. Krongauz. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:77-85 '55.

CORALS, FOSSIL
(see also subdivision under Russian Platform)
New species of vesicular Tetracoralla. K. A. Ermakova. Trudy VNIGNI no. 7:31-36 '56.

CORINALDO, ITALY—PEASANTRY
From the history of the expropriation of the Italian peasantry; agrarian relations in Corinaldo in the second half of the 15th century. A. Kh. Gorfunkel'. Uch. zap. Len. un. no. 192:191-213 '56.

CORIOLIS, GUSTAVE GASPAR, 1792-1843
History of the proof of Coriolis' theorem. L. S. Freiman. Trudy Inst. ist. est. i tekh. 10:213-244 '56.

CORK TREE see subdivision under White Russia

CORN (MAIZE)
(see also subdivision under Ararat region; Khvalynsk District; United States)
The corn grew after all. M. Vishnevskii. Kolkh. Bel. 4 no. 10:16 O '56.
[The economics and organization of corn production; the practice of collective farms, machine-tractor stations, and state farms] Ekonomika i organizatsiia proizvodstva kukuruzy; opyt kolkhozov, MTS i sovkhozov. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 381 p.
Effect of the brown coal by-products on the increase in corn yield. P. A. Vlasiuk, M. S. Darmenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:104-108 '55.
Feeding sows with corn silage. B. V. Men'shchikova. Nauka i pered. op. v sel'khoz. no. 10:46-48 O '58.
How much corn should sows get? A. V. Tishchenko. Nauka i pered. op. v sel'khoz. no. 10:46 O '56.
Is this the right way of popularizing animal husbandry? ("Socialist agriculture of Uzbekistan." Reviewed by E. T. Malorova). Zhivotnovodstvo 18 no. 11:89-91 N '56.
Kafyrev, A.E., and others, comps. [Experience in cultivating corn; based on papers at a province conference] Opyt vozdelyvaniia kukuruzy; po materialam oblastnoi konferentsii. [Novosibirsk] Novosibirskoe kn-vo, 1956. 226 p.
(DA)
Oxidation enzymes in the seeds and germs of certain agricultural plants. P. A. Vlasiuk, Z. M. Klimovyts'ka. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:221-229 '48.
Phosphorobacterin and corn yields. I. S. Kudashev. Sel'khoz. Povol. no. 10:52-53 O '56.
So-called poisoning in cattle when feeding on corn fields. A. V. Vasin. Sel'khoz. Povol. no. 10:64-66 O '56.
Ulin, L.L., ed. [Experience of schools in growing corn; a collection of articles] Opyt shkol po vyrashchivaniiu kukuruzy; sbornik statei. Moskva, Ministerstvo prosveshcheniia RSFSR, 1955. 237 p.
(DA)
Utilization of mineral fertilizers by corn. E. P. Muzychkin. Ud. i ur. 1 no. 11:41-45 N '56.

\SES AND PESTS see subdivision

'or ear corn. M. D. Zy- O '56.

...attachment for harvesting tall corn. A. Rybkin. Sovkhoz. proizv. no. 10:68-69 O '56.

CORN (MAIZE)—STORAGE
Storing seed corn in winter. S. Akivis, V. Delidovich. Muk.-elev. prom. 22 no. 10:3-6 O '56.

CORN (MAIZE)—VARIETIES
(see also subdivision under Armenia)
Moscow Hybrid Corn. I. E. Glushchenko. Mich. uch. na sluzh. nar. no. 3:34-42 '55.

CORN BREEDING see subdivision under Odessa Province

CORN MILLING
Milling corn groats. A. Suprunov. Muk.-elev. prom. 22 no. 10:28 O '56.

CORN STALKS
Increasing the nutritive value of coarse feeds by means of biological treatment. E. N. Mishustin, V. A. Mirzoeva. Izv. AN SSSR. Ser. biol. no. 5:99-107 S-O '56.
Make fuller use of corn stalks for fattening cattle. V. M. Krementulo. Sots. tvar. 28 no. 11:23-25 N '56.

CORNEA
Changes in the corneal epithelium during repeated X-ray irradiation in small doses. I. B. Bychkovskaia. Med. rad. 1 no. 5:16-22 S-O '56.

CORNEA—DISEASES
Use of the vitreous body in opacification of the cornea. B. N. Melik-Mus'ian. Vest. oft. 69 no. 5:10-13 S-O '56.

CORNEA—TRANSPLANTATION
Keratoplasty according to material from the Kopeysk City Hospital. A. I. Kalinin. Vest. oft. 69 no. 5:82-84 S-O '56.
A short report on the work of the ophthalmological clinic of the Kazakh Medical Institute in the field of keratoplasty from 1937-1955. V. P. Roshchin, L. D. Mitskevich. Vest. oft. 69 no. 5:33-34 S-O '56.

CORNEA—TUMORS
Diathermocoagulation in tumors of the limbus and the cornea. E. O. Kotelianskii. Vest. oft. 69 no. 5: 7-10 S-O '56.

CORNS see Callosities

CORONA, SOLAR see Sun—Corona

CORONARY ARTERIES—DISEASES
Modern surgical methods for treating chronic coronary insufficiency; a review of foreign and soviet literature. R. G. Karagiulian. Khirurgiia. 32 no. 8:80-86 Ag '56.

CORRESPONDENCE SCHOOLS AND COURSES
Improve the organization of political economy teaching for correspondence students. S. V. Sharutin. Vest. vys. shkoly 14 no. 11:16-19 N '56.

CORROSION, ELECTROLYTIC see Electrolytic corrosion

CORROSION AND ANTICORROSIVES
Babakov, A.A. [Stainless steel, properties, and chemical stability in various corrosive media] Nerzhaveiushchie stali svoistva i khimicheskaia stoikost' v razlichnykh agressivnykh sredakh. Pod red. I.IA.Klinova. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 129 p. (Korroziia v khimicheskikh proizvodstvakh i sposoby zashchity, no. 8)
Chemical resistance of certain materials in a medium containing chloroacetaldehyde, trichloroethane, hydrochloric acid, and chloroacetic acid. V. G. IAsnitskii, E. B. Dol'berg. Med. prom. no. 2:39-42 Ap-Je '55.
Corrosion of petroleum industry's offshore metal structures and principal measures to prevent it. K. S. Aliverdizade, I. P. Kuliev. Trudy Gipromornefti no. 1:7-12 '54.
Corrosion of welded joints in petroleum industry's offshore structures. T. M. Shenina and others. Trudy Gipromornefti no. 1:57-68 '54.
Corrosion protection in offshore oil fields. V. F. Negreev, L. N. Zemskova. Azerb. neft. khoz. 35 no. 9:44-45 S '56.
Electrochemical behavior of metals in the passive state [with English summary in insert]. IA. M. Kolotyrkin, V. M. Kniazheva. Zhur. fiz. khim. 30 no. 9:1990-2002 S '56.
Russia (1923- U.S.S.R.) Ministerstvo sviazi. Glavnoe upravlenie lineino-kabel'nogo khoziaistva. [Provisional instructions on planning the protection of interurban cables from corrosion] Vremennaia instruktsiia po proektirovaniiu zashchity mezhdugorodnykh kabelei ot korrozii. Moskva, Sviaz'izdat, 1954. 52 p.
[MICROFILM]
Tavadze, F.N., and S.N.Mandzhgaladze. [Corrosion and the protection of metals in mineral waters of Georgia] Korroziia i zashchita metallov v mineral'nykh vodakh Gruzii. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR.
Pt. 1. 1956. 198 p.

CORTISONE
Effect of ACTH and cortisone on conditioned reflex increase of blood pressure in dogs. N. A. Iaichenko. Probl. endok. i gorm. 2 no. 5:19-24 S-O '56.
Effect of ACTH of cortisone on serous membranes of the joints and on their neural apparatus in experimental allergic arthritis. E. V. Stroganova. Probl. endok. i gorm. 2 no. 5:32-43 S-O '56.
Effect of cortisone and ACTH on structure of the islands of Langerhans. A. E. Rabkina. Probl. endok. i gorm. 2 no. 5:25-31 S-O '56.
Role of ACTH and cortisone in the compensation of disorders of certain phases of metabolism. S. M. Leites. Arkh. pat. 18 no. 6:45-52 '56.

CORUNDUM see subdivision under Nura-Tau

CORYNEBACTERIUM DIPHTHERIAE
Effect of nucleic compounds on the activity of proteolytic enzymes of C. diphtheriae. M. V. Smirnova. Biokhimiia 21 no. 5:561-566 S-O '56.
Investigating the structure of carbohydrates in Corynebacterium diphtheriae by paper chromatography. O. K. Orlova, E. P. Efimtseva. Biokhimiia 21 no. 5:505-509 S-O '56.

COSMIC RAYS
Effect of the earth's magnetic pole on the space distribution of particles in extensive air showers. S. I. Nikol'skii, I. E. Satsevich. Zhur. eksp. i teor. fiz. 31 no. 4:714-715 O '56.
"Emulsion chamber" observation of high-energy nuclear interaction showers. I. M. Gramenitskii. Zhur. eksp. i teor. fiz. 31 no. 4:710-712 O '56.
Investigation of the "coupled star" effect by means of moving photographic plates. I. M. Gramenitskii, M. I. Podgoretskii, IU. F. Sharapova. Zhur. eksp. i teor. fiz. 30 no. 2:277-281 F '56.
Meson component of cosmic radiation at an altitude of 3200 m. above sea level. N. M. Kocharian and others. Zhur. eksp. i teor. fiz. 30 no. 2:243-247 F '56.
Relative quantity of a-particles and protons in stars formed in heavy and light elements. N. N. Lavrov, Zh. S. Takibaev. Vest. AN Kazakh. SSR 12 no. 10 supp. O '56.
Theory of the stochastic processes in the cosmic radiation. L. Pal. Zhur. eksp. i teor. fiz. 30 no. 2:362-368 F '56.

COSMOPOLITANISM see Internationalism

COSSACKS—HISTORY
Historical study of the Cossacks of the Black Sea region ("The Cossacks of the Black Sea region," V. A. Golobutskii. Reviewed by V. T. Chuntulov, A. A. Vovk). Vopr. ist. AN URSR 27 no. 11:71-74 N '56.

COST AND STANDARD OF LIVING see subdivision under France

COSTS, INDUSTRIAL
Dmitriev, M.V. [Industrial production costs and ways of reducing them] Sebestoimost' promyshlennoi produktsii i puti ee snizheniia. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 13)

COSTUME
Carnival costumes. L. Magnitskaia. Vozhatyi 33 no. 11:51-53 N '56.
Interesting exhibit. Teatr. 17 no. 10:176-177 O '56.

COTTON
(see also subdivision under Azerbaijan; Shirvan Steppe)
Concentration of cell sap in cotton leaves in relation to the age and water supply of the leaves [with English summary in insert]. L. A. Filippov. Fiziol. rast. 3 no. 5:393-398 S-O '56.
Effect of organomineral mixtures on the yield of raw cotton and cabbage. R. K. Guseinov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:83-95 '55.
Effect of trace elements on the development and yield of cotton and alfalfa seeds. M. G. Abutalybov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:53-70 '55.
Radioactive phosphorus tracers for determining the constitution of phosphorus compounds in plants. V. I Dulova, N. D. Leonov, N. V. Vestrilova. Trudy FTI AN Uz. SSR 6:90-93 '55.
Study of the diurnal course of transpiration in cotton plants. V. G. Karmanov, S. L. Pumpianskaia. Biofizika 1 no. 1:43-48 '56.

COTTON—DISEASES AND PESTS
Natural girdling of stems of 108-f cotton on alkali soils A. A. Meshcheriakov. Izv. An Turk. SSR no. 3:85-87 '56

COTTON—ELECTRIC PROPERTIES
Electric characteristics of raw cotton with various moisture contents in high-frequency fields. V. V. Kazanskii. Trudy FTI AN Uz. SSR 6:72-77 '55.

COTTON—HARVESTING
(see also subdivision under Uzbekistan)
GUM cotton stalk harvester. A. Markin. MTS 16 no. 11: 39-41 N '56.

COTTON—TESTING
Reducing the exposure time in making X-ray pictures of cotton fibers. N. V. Kordub. Trudy FTI AN Uz. SSR 6:94-98 '56.
Selecting a control method for the determination of moisture content in raw cotton. E. E. Petrushkov. Trudy FTI AN Uz. SSR 6:54-61 '55.
Simple method for increasing the precision of capacitance meters used for measuring the moisture of raw cotton. V. V. Kazanskii, N. V. Kordub, E. F. Petushkov. Trudy FTI AN Uz. SSR 6:76-81 '55.
Some physicomechanical properties of raw cotton. G. I Miroshnichenko. Tekst. prom. 16 no. 9:10-14 S '56.

COTTON—VARIETIES
Introducing varieties of Soviet cotton plants with fine-fiber qualities. D. Minko. Khlopkovodstvo 6 no. 11: 47-51 N '56.
Secretion of floral nectar in new cotton varieties. T. K. Kaziev. Pchelovodstvo 33 no. 11:39-40 N '56.

COTTON BREEDING
Michurin's theories in cotton breeding. L. G. Arutiunova. Mich. uch. na sluzh. nar. no. 3:82-101 '55.

COTTON FABRICS
Investigation of stripiness in cotton fabrics. M. G. Kacharin. Tekst. prom. 16 no. 9:29-32 S '56.
Structure and construction of mass-produced cotton fabrics. N. Kh. Urazov. Tekst. prom. 16 no. 9:26-29 S '56.

COTTON GROWING
(see also subdivision under Golodnaya Steppe; Shakhrisyabz District; Tajikistan; Uzbekistan)
Ammonia side-dressing of cotton. Khlopkovodstvo 6 no. 11:51 N '56.
Brief news. Khlopkovodstvo 6 no. 11:62-63 N '56.
Checkrowing cotton with two control lines. G. Rudakov. Khlopkovodstvo 6 no. 11:52-54 N '56.
Cotton. B. Firsov. Nauka i pered. op. v sel'khoz. no. 10:56-58 O '56.
Cotton plants in orchard interrows. A. Bibikova, Khlopkovodstvo 6 no. 11:61 N '56.
Effect of accurate checking on mechanical intertilling of cotton. N. Vol'kovich, Sh. Bakhtiarov. Khlopkovodstvo 6 no. 11:56-60 N '56.
Effect of sunlight on the properties of raw cotton. Sh. Kadyrov. Tekst. prom. 16 no. 9:14-16 S '56.
Effect of trace elements on the growth and development of cotton [in Azerbaijani with summary in Russian]. A. K. Tagi-zade. Uch. zap. AGU no. 1:67-73 '56.
Gil'diev, S. A. [Experience of the Stalin Collective Farm in adopting a new system of irrigation] Opyt kolkhoza imeni Stalina po perekhodu na novuiu sistemu oroshenila. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1954. 22 p. (DA)
It is important to take soil conditions into consideration in selecting space arrangements. R. Sultanov. Khlopkovodstvo 6 no. 11:45-46 N '56.
Let's carry out in time autumn and winter field work for next year's crop. Khlopkovodstvo 6 no. 11:1-4 N '56.
Make wide use of the work practice of participants in the All-Union Agricultural Exhibition. I. Urman. Khlopkovodstvo 6 no. 11:5-8 N '56.
Our practice in the struggle for timely fall plowing. A. Abdudzhalilov. Khlopkovodstvo 6 no. 11:31-32 N '56.
Some unsolved problems in checkrow cotton growing. N. Nemkova. Khlopkovodstvo 6 no. 11:37-39 N '56.
Spacing pattern of cotton on collective farms serviced by our machine-tractor station. A. Maksudov, G. Vantushkin. Khlopkovodstvo 6 no. 11:40-42 N '56.
Times for applying phosphorus fertilizer to cotton on saline soils. I. Chumachenko. Khlopkovodstvo 6 no. 11: 33-36 N '56.
What are the advantages of a 60 x 60 cm. space arrangement of cotton plants. Kh. Khalmirzaev. Khlopkovodstvo 6 no. 11:42-43 N '56.
What prevents wide introduction of the 60 x 60 cm. space arrangement of cotton plants. A. Kurbanov. Khlopkovodstvo 6 no. 11:44-45 N '56.

COTTON GROWING—BIBLIOGRAPHY see Bibliography—Cotton growing

COTTON GROWING—COSTS see subdivision under Tashkent Province

COTTON GROWING—VARIETIES
New varieties of fine fiber cotton plants. Z. A. Bravyi. Tekst. prom. 16 no. 11:9-10 N '56.

COTTON MANUFACTURE see subdivision under United States

COTTON SPINNING
Increasing the weight of packages. A. E. Pinskii, G. F. Shostak. Tekst. prom. 16 no. 11:56 N '56.
"Organizing the work of the assistant foreman in the sliver-roving shop of a cotton spinning mill." A. L. Magnitskii. Reviewed by E. I. Khalezova, M. S. Maleev. Tekst. prom. 16 no. 9:60 S '56.

COTTONSEED
Processing cottonseeds without removing hulls at the Uch-Kurgan Oil Extraction Plant. V. G. Klepikov, V. A. Ivanov, N. I. Mrykhin. Masl.-zhir. prom. 22 no. 7: 15-19 '56.

COTTONSEED OIL
(see also subdivision under Azerbaijan)
Hydrogenation of cottonseed oil on a nickel-skeleton catalyst. D. V. Sokol'skii, I. I. Voloshin. Izv. AN Kazakh. SSR. Ser. khim. no. 10:63-66 '56.

COULOMB, CHARLES AUGUSTIN, 1736-1806
The one hundredth and fiftieth anniversary of Charles Augustin Coulomb's death. Vest. AN SSSR 26 no. 11: 113-114 N '56.
Works of Charles Coulomb in the field of electricity and magnetism. O. A. Leshneva. Elektrichestvo. no. 11: 79-82 N '56.

COUPLINGS
Restoring fixed couplings. A. Lashas. MTS 16 no. 10: 31 O '56.
We manufacture the forks of head coupling joints for the DT-54 and SKhTZ-NATI tractors. F. D. Sobol'. Mekh. sil'. hosp. 7 no. 11:31 N '56.

COURTS see subdivision under China

COWS
Case of multiparity. A. A. Mustafin. Veterinariia 33 no. 12:52 D '56.
Preventing barrenness in cows. I. I. Martynenko, A. P. Koval'ov. Sots. tvar. 28 no. 11:56-58 N '56.
Unusual case of abnormality in a cow. V. Klimenko, V. Andreevskii. Veterinariia 33 no. 12:52 D '56.

COWS—DISEASES
Cases of paratyphoid fever in cows and methods for its elimination. A. B. Liokumovich. Veterinariia 33 no. 12:26-27 D '56.
Chancroid of the orbit in a cow. [A. P. Pustovar, T. G. TSymbal. Sbor. trud. Khar'. vet. inst. 31:398-405 '56.

CRABS
Cases of Bacterium tularense isolated from crabs. O. V. Ovasapian. Izv. AN Arm. SSR. Biol. i sel'khoz.-nauki 9 no. 10:49-52 O '56.

CRACKING PROCESS
(see also subdivision under United States)
The kinetics and mechanism of hydrocarbon decomposition. Part 12. The effect of cyclohexane on the kinetics and mechanism of gaseous alkane cracking [with English summary in insert]. A. D. Stepukhovich, T. G. Kotetilova. Zhur. fiz. khim. 30 no. 9:1957-1982 S '56.

CRANES, DERRICKS, ETC.
End support for tower crane. M. Zaikovatyi. Stroitel' 2 no. 6:15 Ag '56.
Jib crane for assembling storage tanks from rolled materials. P. L. Zeikin. Strol. pred. neft. prom. 1 no. 6: 16-17 O '56.
Lang, A. G., and I. S. Mazover. [Construction gantry cranes; layout, operation and assembly] Stroitel'nye portal'nye krany; ustroistvo, obsluzhivanie i montazh. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956, 100 p.
Types and parameters of cranes used in building of multistory apartment houses made of precast reinforced concrete elements. A. E. Lemberg. Mekh. stroi 13 no. 11:16-20 N '56.
Urgent problems in placing concrete elements in building apartment houses and public buildings. I. I. IAmpol'skii. Bet. i zhel.-bet no. 11:413-414 N '56.
Using gantry cranes in the industrial building. I. Z. Borch, A. L. Votokol'skii, E. N. Kutovoi. Strol. prom. 34 no. 11:10-15 N '56.
Using Karelian truck cranes at landings. N. Pechorin. Les. prom 34 no. 11:6-7 N '56.
Voronets, V. S. [Crane operator's manual] Pamiatka kranovshchika. Izd. 2-e. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 90 p.

CRANIOLOGY
(see also subdivision under Verkholensk)
Materials on the craniology of the Chulyma Tatars and the Sel'kupy. N. S. Rozov. Trudy inst. etn. 33:340-373 '56.

CRANIOMETRY
Method of investigating the relationship between brain and skull and their comparative evaluation. M. M. Saullak-Savyts'ka. Dop. AN URSR no. 2:192-194 '56.

CRANKS AND CRANKSHAFTS
Synthesis of equal-arm crankgear mechanisms for automatic two-stroke cold upsetting machines. A. T. Glazarov. Sbor. nauch. trud. ErPI no. 10:9-17 '56.

CREAM
Breaking fat globules during separation. N. Lipatov. Moloch. prom. 17 no. 7:30-31 '56.

CREATION (LITERARY, ARTISTIC, ETC.)
Freedom of artistic creation. M. Kuznetsov, IU. Lukin. Kommunist 33 no. 15:74-80 O '56.

CREDIT
(see also subdivision under India)
Expanding credit relations with heavy industry. P. Ignat'ev, A. Gol'd. Den. i kred. 14 no. 11:23-25 N '56.
Extending credit to industrial enterprises on the basis of the value of materials in process. M. Orlova. Den. i kred. 14 no. 11:32-35 N '56.
Extending credit to plants of heavy industry to finance mechanization. I. Levchuk, I. Lekhtsiev. Den. i kred. 14 no. 11:26-31 N '56.
Shumov, N. S. [State bank credit to industrial enterprises for settling accounts] Raschetnye kredity Gosbanka promyshlennym predpriiatiiam. Moskva, Gosfinizdat, 1956. 79 p. (V pomoshch' rabotnikam promyshlennykh predpriiatii)

CRICKETS see subdivision under Georgia

CRIMEA—ANTIQUITIES
"Materials on the archaeology of southwestern Crimea; Chersonese, Mangup." Reviewed by V. Kropotkin. Sov. arkheol. 25:345-348 '56.

CRIMEA—GRAPES
Variation in the activity of peroxidase during the maturation of the grapevine in the Crimea. V. N. Chykalenko. Stud. nauk. pratsi no. 20:67-73 '56.

CRIMEA—KINDERGARTEN
The kindergarten on the Kalinin Collective Farm, S. Mal'tsyna, K. Sakovych. Doshk. vykh. 17 no. 11: 27-29 N '56.

CRIMEA—PALEOGEOGRAPHY
Maruashvili, L. I. [Expediency of a reconsideration of basic ideas concerning paleogeographic conditions of the Ice Age in the Crimea; a critical sketch] TSelesoobraznost' peresmotra sushchestvuiushchikh predstavlenii o paleogeograficheskikh usloviiakh ledníkovogo vremeni na Kavkaze; kriticheskii ocherk. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 124 p.

CRIMEA—POINTERS (DOGS)
Pointers in the Crimea. B. Perov. Okh. i okh. khoz. no. 11:35-36 N '56.

CRIMEA—TELESCOPE
Naming the new telescope in the Crimean observatory after G. A. Shain. Vest. AN SSSR 26 no. 11:106 N '56.

CRIMINAL ATTEMPT
Definition attempt, and the basis for criminal preparation and punishment. N. V. Liass. Uch. zap. Len. un. no. 202:50-65 '56.

CRIMINAL DEFENSES see Defense (Criminal procedure)

CRIMINAL LAW
(see also subdivision under Germany, East; Yugoslavia)
A. N. Radishchev's views on criminal law. I. I. Solodkin. Uch. zap. Len. un. no. 202:23-49 '56.
The system of economic crimes. N. A. Beliaev. Uch. zap. Len. un. no. 202:60-66 '56.

CRIMINAL PROCEDURE
Grounds for the indictment and guaranty of the rights of the accused in the preliminary investigation. V. Z. Lukashevich. Uch. zap. Len. un. no. 202:188-210 '56.

CRITICISM
Abramovich, G. L. [Introduction to literary criticism; a manual for pedagogical institutes] Vvedenie v literaturovedenie; posobie dlia pedagogicheskikh institutov. Izd. 2-oe, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 307 p.

CROCE, BENEDETTO, 1866-1952
Concerning Benedetto Croce's "historism." I. S. Kon. Vop. ist. no. 10:122-135 O '56.

CROP ROTATION see Rotation of crops

CROPS AND CLIMATE
Distribution and rotation of crops according to the relief. N. Burikhin. Sots. sel'khoz. 27 no. 7:18-23 '56.

CROPS AND SOILS
Causes of winter crop failure in the non-Chernozem zone of the U. S. S. R. N. S. Avdonin, E. V. Kuzina. Uch. zap. Mosk. un. no. 186:5-18 '56.
Chemical properties of turf-Podzolic soils within the rows of winter rye, oats, and vetch-oats mixtures. F. I. Levin. Uch. zap. Mosk. un. no. 186:59-62 '56.

CROSSING OVER (HEREDITY) see Chromosomes

CRUSADES
Zaborov, M. A. [The Crusades] Krestovye pokhody. Moskva, Izd-vo Akademii nauk SSSR, 1956. 277 p. (Nauchno-populiarnaia serila)

CRUSHING MACHINERY
Automatic feed regulator for ball mills. D. A. Lipman, R. I. Mazo. Stek. i ker. 13 no. 10:14-16 O '56.
Mobile crusher-grader machine. B. G. Golovanov, G. D. Shchebolev. Zhel. dor. transp. 38 no. 11:70-71 N '56.
Soundproof chamber for ball mills. F. I. Trukhanov. Stek. i ker. 13 no. 10:12-13 O '56.

CRUSTACEA
Heat resistance of the muscles of crustaceans in connection with the habitat of the species. B. P. Ushakov. Izv. AN SSSR. Ser. biol. no. 5:67-75 S-O '56.

CRYSTAL LATTICES
Crystalline structure of elements forming negative ions. T. G. Avanesian. Sbor. nauch. trud. ErPI no. 10:3-7 '56.
Theory of the interaction between the electron gas and the crystal lattice vibration. V. L. Bonch-Bruevich. Zhur. eksp. i teor. fiz. 30 no. 2:342-350 F '56.

CRYSTALLINE—DISEASES
Arachnodactyly and ectopy of the crystalline lenses with retinal detachment. D. M. Aronov. Vest. oft. 69 no. 5: 77-78 S-O '56.

CRYSTALLINE LENS
Effect of insulin on the permeability of the lens capsule. V. G. Alekseeva. Vest. oft. 69 no. 5:61-64 S-O '56.
Substitution of embryonic ectoderm for the lens in rabbits. T. A. Sikharulidze. Trudy Zool. inst. AN Gruz. SSR 14:337-350 '56.

CRYSTALLINE LENS—WOUNDS AND INJURIES
Subluxation of the crystalline lens in chalcosis of the eye. N. V. Golubitskaia. Vest. oft. 69 no. 5:65-68 S-O '56.

CRYSTALLINE LENS—WOUNDS AND INJURIES (Continued)

Surgical treatment of dislocations and subluxations of the crystalline lens into the vitreous humor body. O. I. Shershevskaia. Vest. oft. 69 no. 5:3-7 S-O '56.

CRYSTALLIZATION

Application of the least squares method to the derivation equations for crystallization volumes of five-component systems of water-soluble salts. N. I. Timokhina. Trudy SAGU no. 40:33-37 '53.

Effect of a diffusion on the kinetics of crystallization. E. A. Arinshtein. Zhur. eksp. i teor. fiz. 30 no. 2:414-416 F '56.

Empirical equations for crystallization fields of binary salts. N. I. Timokhina. Trudy SAGU no. 40:39-42 '53.

Surface crystallization. D. B. Gogoberidze. Min. sbor. no. 5:297-298 '51.

Using the microscope for the study of high-temperature processes. I. N. Anikin. Zav. lab. 22 no. 7:805-806 '56.

CRYSTALLOGRAPHY

Accuracy in determining axiality on the Fedorov stage (without a polariscope). V. V. Zolotukhin. Min. sbor. no. 5:305-307 '51.

Investigating the structural changes in crystals by observing their spectra at low temperatures. V. L. Broude, A. F. Prikhot'ko. Kristallografiia 1 no. 3: 334-341 '56.

New concepts of the crystalline state of matter. L. A. Vardaniants. Inform. sbor. VSEGEI no. 1:107-111 '55.

Rotation of the plane of polarization of elastic shear waves. K. S. Aleksandrov, V. IA. Khaimov-Mal'kov. Kristallografiia 1 no. 3:373-374 '56.

Universal stereographic ruler. V. I. Kuznetsov. Min. sbor. no. 5:307-311 '51.

Using the electron microscope for determining crystallographic orientation of grains. IU. A. Skakov. Zav. lab. 22 no. 7:806-809 '56.

CRYSTALLOGRAPHY, MATHEMATICAL

Light absorption by polarons and by color centers. M. F. Deigen. Nauk. zap. Kiev. un. 9 no. 2:21-39 '50.

Optics of magnetic crystals. Part 1. Normal equations. F. I. Fedorov. Opt. i spektr. 1 no. 7:926-936 N '56.

CRYSTALS

Absorption spectra and Raman effect in phenanthrene and tolane crystals. A. F. Lubchenko. Dop. AN URSR no. 4:336-340 '56.

Hexoctahedron group. N. V. Belov, T. N. Tarkhova. Kristallografiia 1 no. 3:360-361 '56.

Instrument for measuring the elastic moduli of crystals. K. S. Aleksandrov, O. V. Noskov. Akust. zhur. 2 no. 3:244-247 Jl-S '56.

Rapid ionization X-ray structure analysis in the study of crystalline substances. P. F. Konovalov, A. I. Efremov. Zav. lab. 22 no. 7:824-827 '56.

Skeletal growth of crystals. P. S. Vadilo. Min. sbor. no. 5:299-302 '51.

Zonal and concholdal structure in crystals. D. B. Gogoberidze. Min. sbor. no. 5:298-299 '51.

CRYSTALS—ELECTRIC PROPERTIES

Energy spectrum of conduction electrons in crystals. S. I. Pekar. Nauk. zap. Kiev, un. 13 no. 7:29-38 '55.

Mechanism of relaxation dielectric losses in crystals with polar molecules. I. TS. Linst. Zhur. tekh. fiz. 56.

tial energy surfaces for ions N. Syrkin. Kristal-

CUNEIFORM INSCRIPTIONS, VANNIC see subdivision under Karmir-Blur

CURIE, PIERRE, 1859-1906

Pierre Curie; on the 50th anniversary of his death. V. I. Baranov. Khim. nauka i prom. 1 no. 5:575-578 '56.

CURRENCY see Money

CURRENTS, ALTERNATING see Electric currents, Alternating

CURRENTS, ELECTRIC see Electric currents

CURRENTS, OCEANIC see Ocean currents

CUTOUTS, ELECTRIC see Electric cutouts

CUTTING FLUIDS

Effectiveness of the action of liquid media in the cutting of noble metals. N. A. Pleteneva, G. I. Epifanov. Dokl. AN SSSR 110 no. 3:414-416 S '56.

CUTTING MACHINES

Device for making openings in tube plates. A. G. Kozakov. Stroi. pred. neft. prom. 1 no. 8:18-19 O '56.

Straightening cutting machines for concrete reinforcements. N. E. Nosenko. Mekh. stroi 13 no. 11:30-32 N '56.

Vibration cutter for cutting washers. N. M. Kudriavtsev. Stroi. pred. neft. prom. 1 no. 8:16 O '56.

CUTTING OF METALS see Metal cutting

CUTTING TOOLS

Adjusting radial slotter tools. P. G. Baliura. Stan. i instr. 27 no. 10:40 O '56.

Ceramic cutting tools. I. Sandomirskii. Tekh. mol. 24 no. 11:18 N '56.

Investigating ceramic-tipped cutting tools. V. I. Antoniuk. Nauch. trudy NPI 26:385-390 '55.

New machines and instruments. Stan. i instr. 27 no. 10: 41-42 O '56.

Relation between specific cutting forces and the radius of cutting-edge curvature in milling cast iron. G. S. Minasian. Sbor. nauch. trud. ErPI no. 10:19-27 '56.

Russia (1923- U.S.S.R.) Ministerstvo stankostroitel'noi i instrumental'noi promyshlennosti. Nauchno-issledovatel'skoe biuro tekhnicheskik normativov. [Manual on specification sheets for metal cutting tools; abridged specification sheets for metal cutting tools; abridged specification sheets for technicians and norm setters] Rukovodstvo po pasportizatsii metallorezhushchikh stankov; sokrashchennye pasporta dlia tekhnologov i normirovshchikov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 367 p.

Semiautomatic sharpening and lapping of ceramic-metal cutting tools. V. I. Melomed, V. R. Rushchits, N. K. Zimin. Stroi. i dor. mashinostr. no. 11:31-34 N '56.

Using combination cutting tools for machining instrument parts. G. A. Osipov. Priborostroenie no. 10:22 O '56.

CYANIDE PROCESS

Using flotation machines for cyaniding gold-bearing ores. L. I. Chumakov, IU. A. Tarasov. TSvet. met. 29 no. 10: 10-12 O '56.

CYBERNETICS—CONGRESSES see subdivision under Namur, Belgium

CYCLOALKANONES

Synthesis of alicyclic 1, 5-diketones from mono- and diary-lidencyclanones. M. N. Tilichenko, V. G. Kharchenko. Dokl. AN SSSR 110 no. 2:226-229 S '56.

CYCLOBUTANE

Catalytic hydrogenation of isopropyl- and isopropenylcyclobutane. B. A. Kazanskii, M. IU. Lukina, L. A. Nakhapetian. Izv. AN SSSR. Otd. khim. nauk no. 10: 1274-1276 O '56.

Six-meter synchrocyclotron built by the Institute of Nuclear Problems, Academy of Sciences of the U. S. S. R. D. V. Efremov and others. Atom. energ. no. 4:5-12 '56.

Ten Bev energy synchrocyclotron built by the Academy of Sciences of the U. S. S. R. V. I. Veksler. Atom. energ. no. 4:22-30 '56.

CYLINDERS

Efficient method of cylinder boring. P. Brail'chuk. Avt. transp. 34 no. 11:27-29 N '56.

CYPRUS

The Cyprus question. N. Alekaandrov, V. Kondrat'ev. Mezhdunar. zhizn' no. 11:99-103 N '56.

CYSTS

Cyst on the right posterior-lateral wall of the pericardium. M. B. Dribinskii. Khirurgiia. 32 no. 8:78-79 Ag '56.

Cysts of the common bile ducts. I. K. Murashov. Pediatriia 30 no. 4:74-78 Jl-Ag '56.

Pathognomic symptoms of dermoid cysts and teratomata of the mediastinum. B. IA. Luk'ianchenko. Khirurgiia. 32 no. 8:20-31 Ag '56.

Perirenal dermoid cyst. B. G. Stuchinskii. Urologiia no. 4:54-55 O-D '55.

Spinal deformation in tumors of the spinal cord and in extradural cysts in adolescence. F. I. Lerman. Ortop., travm. i protez. 17 no. 2:54-56 Mr-Ap '56.

CYTOLOGY see Cells

CZECHOSLOVAKIA—AUTOMATION

Some problems in the development of automatization in Czechoslovakia. IU. Benesh. Avtom. i telem. 17 no. 11:953-957 N '56.

CZECHOSLOVAKIA—BOILERS

New types of low-capacity boilers in Czechoslovakia. L. A. Rikhter. Prom. energ. 11 no. 11:26-29 N '56.

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL

Three weeks in Czechoslovakia. IE. P. Kyryliuk. Visnyk AN URSR 27 no. 11:38-40 N '56.

CZECHOSLOVAKIA—DOMESTIC RELATIONS

Czechoslovak Republic. Laws, statutes, etc. [Codes of civil law and civil procedure and family law of the Czechoslovak Republic. Translated from the Czech] Grazhdanskii i grazhdansko-protsessual'nyi kodeksy i zakon o sem'e Chekhoslovatskoi Respubliki. Perevod s cheshskogo. Pod red. A. B. Dozortsova. Predisl. S. N. Bratusia. Moskva, Izd-vo inostrannoi lit-ry, 1952. 300 p. (Kodeksy stran narodnoi demokratii) (NNC)

CZECHOSLOVAKIA—ECONOMIC CONDITIONS

Zhukova, L. F. [Improvement in the well-being and culture of the people of Czechoslovakia] Pod"em blagosostoianiia i kul'tury narodov Chekhoslovakii. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 77 p. (Bibliotechka v pomoshch' lektoru, no. 23)

CZECHOSLOVAKIA—FINANCE

Komissarov, V. P. [The financial and credit system of Czechoslovakia] Finansovo-kreditnaia sistema Chekhoslovatskoi Respubliki. Moskva, Gosfinizdat, 1956. 168 p.

CZECHOSLOVAKIA—FOREIGN RELATIONS—GERMANY, EAST

Strengthening cooperation between Czechoslovakia and the German Democratic Republic. Mezhdunar. zhizn' no. 10:110-112 O '56.

CZECHOSLOVAKIA—GLASS FIBERS

Inorganic lubricators for glass fiber (from "Sklar a keramik," no. 11, 1954). Stek. i ker. 13 no. 10:32 O '56.

CZECHOSLOVAKIA—HISTORY

The Great October and the liberation struggle of the Czechoslovak people. K. Goglina. Slaviane no. 11:57-60 N '56.

Program and tactics of the Czech bourgeoisie in 1860-1867. N. D. Ratner. Uch. zap. Inst. slav. 14:83-178 '56.

CZECHOSLOVAKIA—MILITARY HISTORY—PERIODICALS

A military history magazine of Czechoslovakia. P. I. Rezonov, B. B. Salitan. Vop. ist. no. 10:206-212 O '56.

CZECHOSLOVAKIA—MOTION-PICTURE CARTOONS

How the world was created. Mol. mira no. 10:11 '56.

CZECHOSLOVAKIA—MOTION PICTURES

Defense of dissertations. Iek. kino no. 10:117-118 O '56.

CZECHOSLOVAKIA—MOTION PICTURES IN MEDICINE

Czechoslovak motion pictures on medicine. Fel'd. i akush. 21 no. 11:63 N '56.

CZECHOSLOVAKIA—MUSIC

D. Shostakovich's music in Czechoslovakia. Vaclav Dobias. Inostr. lit. no. 11:190-191 N '56.

CZECHOSLOVAKIA—PARACHUTISTS
Parachute jumping as a sport in Czechoslovakia. V. Kuceravy, J. Marsalek. Kryl. rod. 7 no. 8:8-8 Ag '56.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA
Friendship forever. Ogonek 34 no. 49:1 D '56.
Inviolable friendship of the peoples of Czechoslovakia and the U.S.S.R. G. Tikhonov. Blok. agit. no. 34: 41-4 of cover D '56.

CZECHOSLOVAKIA—STRIP MINING
Automobile transportation in open pit mining in Czechoslovakia. Gor. zhur. no. 10:42-45 O '56.

CZECHOSLOVAKIA—UROLOGY
Development and present state of urology in Czechoslovakia. K. Nalvirt. Urologiia no. 4:77-83 O-D '55.

CZECHOSLOVAKIA—WORLD WAR, 1931-1945
Sacred land. Volodymyr Sholta. Ukraina no. 22:17-20 N '55.

DACITES see subdivision under Transcarpathia

DAGHESTAN—CABBAGE
Winter crop of cabbage in Daghestan. T. I. Mulinov. Sad i og. no. 10:20-21 O '56.

DAGHESTAN—CARBONATES (MINERALOGY)
Petrology of argillaceous carbonate rocks of Chokrak and Karagan deposits in the Groznyy-Daghestan region. L. P. Gmid. Trudy VNIGRI no. 95:189-197 '56.

DAGHESTAN—ETHNOLOGY
Anthropological research in Daghestan. G. F. Debets. Trudy Inst. etn. 33:204-237 '56.

DAGHESTAN—GEOLOGY, STRATIGRAPHIC
History of the development of Daghestan during the Mesozoic period. I. A. Konlukhov. Uch. zap. Mosk. un., no. 170:59-85 '56.
Main features of the geological development of Daghestan during the upper Jurassic and Valanginian periods. G. P. Leonov, G. A. Loginova. Uch. zap. Mosk. un. no. 176:87-103 '56.

DAGHESTAN—NEWSPAPER AND PERIODICAL CIRCULATION
At least they had to answer. M. Kamilov. Raspr. pech. no. 10:12 O '56.

DAGHESTAN—PETROLEUM—ANALYSIS
Spectral analysis data indicating the occurrence of chemical elements in sedimentary rocks, brines, and ashes of petroleums from the Groznyy-Daghestan region. S. M. Katchenko, E. I. Flegontova. Trudy VNIGRI no. 95:481-496 '56.

DAHLIAS
Using tubers for grafting dahlias. R. V. Ganzha. Est. v shkole no. 5:69 N-D '56.

DAIRIES see subdivision 'Dairy plants' under London

DAIRY BARNS
Building and putting into service six-row cow barns. A. A. Znamenskii. Zhivotnovodstvo 18 no. 11:47-49 N '56.
Milking barns. V. P. Kuznetsov. Sots. tvar. 28 no. 11: 47-50 N '56.
Organize mechanized milking parlors. K. K. Markarian. Nauka i pered. op. v sel'khoz. no. 10:44-46 O '56.

DAIRY CATTLE see subdivision under Turkmenistan; Ukraine

DAIRY CATTLE—FEEDING AND FEEDING STUFFS
Our additions ("Exemplary instructions for increasing the milk production of cows." Reviewed by M. I. Ivanskoi, V. G. Kulinich). Zhivotnovodstvo 18 no. 11:92-93 N '56.

DAIRY CATTLE BREEDING
(see also subdivision under Novyy Milyatin District)
Planning breeding on state farms. S. I. Moshchaninov. Sovkhoz. proizv. no. 10:38-44 O '56.
Upgrading the breeding stock of Kostroma cattle. S. I. Shteiman, A. V. Kuz'michev. Mich. uch. na sluzh. nar. no. 3:172-180 '55.

DAIRY INDUSTRY
(see also subdivision under India)
Breaking fat globules during separation. N. Lipatov. Moloch. prom. 17 no. 7:30-31 '56.
Improvement of industrial organization is an important problem in the preparation for 1960. V. Kostygov. Moloch. prom. 17 no. 7:1-4 '56.
Problems relative to the industrial organization of urban dairy plants. D. Shnaider. Moloch. prom. 17 no. 7: 15 '56.

DAIRY INDUSTRY—EQUIPMENT AND SUPPLIES
Utilization of electric loaders (from "Milk Plant Monthly" January 1954 and "The butter, cheese and milk products journal" March 1953). Moloch. prom. 17 no. 7:45 '56.

DAIRY INDUSTRY—STUDY AND TEACHING
Improve the training of engineers for the dairy industry. N. Panasenkov. Moloch. prom. 17 no. 7: 17-18 '56.

DAIRY PLANTS see subdivision under London

DAIRY PLANTS—EQUIPMENT AND SUPPLIES
Mechanization of separator sections. N. Mel'nikov. Moloch. prom. 17 no. 7:20-21 '56.

DAIRY PRODUCTS—ANALYSIS AND EXAMINATION
Concentration of saccharose, sugar of milk and table salt in the water contained in dairy products. G. Riazanov. Moloch. prom. 17 no. 7:34-35 '56.

DAIRYING
(see also subdivision under Shklov District)
[Dairy farm.] Molochnaia ferma no. 1 Ja '57.
[Dairy farm.] Molochnaia ferma no. 12 D '56.
Five thousand seven hundred kilograms of milk per cow. I. Malinchenko. Sovkhoz. proizv. no. 10:72-73 O '56.
I carried out my obligations. F. P. Demidenko. Sots. tvar. 28 no. 11:13-15 N '56.
Let's not decrease the milk yield even in winter. V. Vladimirov. Blok. agit. no. 34:16-17 D '56.
One thousand five hundred centners of milk per one hundred hectares of farm land. M. I. Petrukhin, I. E. Senin. Zhivotnovodstvo 18 no. 11:65-68 N '56.
Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Problems in increasing milk production and milkfat content farm cattle] Problemy povysheniia molochnoi produktivnosti i zhirnomolochnosti krupnogo rogatogo skota. Pod red. E. F. Liskuna i I. I. Podvolskogo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956, 214 p.
We are increasing our production of milk and meat. B. I. Osovinov. Kolkh. Bel. 4 no. 8:10 Ag '56.

DAIRYING—ACCOUNTING
Keeping milk records on collective farms. A. A. Pankevich. Kolkh. Bel. 4 no. 10:15 O '56.

DAIRYING—APPARATUS AND SUPPLIES
Improving milking parlors. V. Olenov. Zhivotnovodstvo 18 no. 11:68-70 N '56.

DAIRYING—PRODUCTION STANDARDS
Technical work standards in dairy husbandry. M. A. Nikitin. Sovkhoz. proizv. no. 10:24-28 O '56.

DAMS
Characteristics of a system of bars in the zone of periodic backwater from the Zaporozh'e dam. V. L. Maksimchuk. Izv. Inst. gidrol. i gidr. AN URSR no. 14: 37-43 '56.
Cross section of a concrete spillway dam on a rockless foundation. P. M. Mazurin. Gidr. stroi. 25 no. 10:42-43 N '56.
Determining hydrodynamic forces on earth dams and slopes during a fall in levels of the water races. V. M. Sheslakov. Vop. fil'tr. rasch. gidr. soor. no. 2:96-128 '56.
Determining stresses by the web method for bodies having various elastic constants (plane problem). G. M. Spirin. Izv. Inst. gidrol. i gidr. AN URSR no. 14:96-105 '56.
Graphic-analytic method of calculating seepage in dam aprons. P. F. Fil'chakov. Gidr. stroi. 25 no. 10:43-50 N '56.
Investigation of contact scouring of sand and gravel soils. V. S. Istomina. Vop. fil'tr. rasch. gidr. soor. no. 2:190-216 '56.
Khuberian, K. M. [Efficient shapes for water pipes, reservoirs, and pressure arches] Ratsional'nye formy truboprovodov, rezervuarov i napornykh perekrytii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 205 p.

DAY NURSERIES see subdivision under Minsk

DEAD SEA—SCROLLS (DECORATIVE DESIGN)
New manuscripts discovered on the shore of the Dead Sea. A. P. Kazhdan. Vop. ist. rel. i ateiz. no. 4:280-313 '56.

DEATH
Dynamics of extinction and restoration of vital functions of the organism following fatal exsanguination in hypothermia. V. A. Negovskii, V. I. Soboleva. Arkh. pat. 18 no. 6:58-70 '56.

DEATHWATCH BEETLES see subdivision under Transcaucasia

DEBTS, PUBLIC
Dmitrichev, P. IA., comp. [Government bonds in the U.S.S.R.] Gosudarstvennye zaimy v SSSR. Sost. kollektivom avtorov pod rukovodstvom... Moskva, Gosfinizdat, 1956. 158 p.

DECEMBRISTS
"The Decembrists' movement," vol. 1. M. V. Nechkina. Reviewed by S. B. Okun'. Vop. ist. no. 10:152-158 O '56.
Discussing a book on the Decembrists' movement ("The Decembrists" by M. V. Nechkina. Reviewed by S. L.). Vop. ist. no. 10:191-194 O '56.
Safronov, F. G. [Decembrists in exile in Yakutsk; on the 130th anniversary of the Decembrist conspiracy] Dekabristy v IAkutskoi ssylke; k 130-letiiu so dnia vosstaniia dekabristov. IAkutsk, IAkutskoe kn-vo, 1955. 80 p.

DEEP BORINGS see Borings

DEEP DRAWING (METALWORK)
Characteristics of flange stability conditions in preheated deep drawing and the effect of varying pressures on the blank. I. N. Ganelin. Trudy MATI no. 29:38-61 '56.
Deep drawing of low-carbon sheet steel and brass employing flange preheating. N. A. Kliucharev, M. N. Gorbunov. Trudy MATI no. 29:28-37 '56.
Determination of forces exerted in the deep drawing of hollow articles. O. V. Popov. Trudy MATI no. 29:62-70 '56.
Investigation of processes used in the deep drawing of articles of intricate shape. V. F. Katkov. Trudy MATI no. 29:77-105 '56.
Method of calculating and designing blank shapes used in the preheated deep drawing of box-like articles. O. V. Popov. Trudy MATI no. 29:106-111 '56.
Preheated deep drawing of sheet metals. M. N. Gorbunov, O. V. Popov, V. F. Katkov. Trudy MATI no. 29: 5-27 '56.

DEFENSE (CRIMINAL PROCEDURE)
The right of the accused to defense P. S. El'kind. Uch. zap. Len. un. no. 202:234-258 '56.

DEFENSES (NATIONAL, ETC.) see subdivision under Germany, West

DEFICIENCY DISEASES
Prevention and treatment of vitamin A deficiency in pregnant ewes and lambs. T. V. Gorb. Shor. trud. Khar'. vet. inst. 22:337-344 '54.

DEFICIENCY DISEASES IN DOMESTIC ANIMALS
Kolesov, A. M., ed. [Avitaminosis in farm animals and poultry] Avitaminozy sel'skokhoziaistvennykh zhivotnykh i ptits. [Saratov] Saratovskoe kn-vo, 1953. 129 p. (V pomoshch' veterinarnomu vrachu i zootekhniku) (DA)

DEFICIENCY DISEASES IN SHEEP
Hypovitaminosis of sheep. A. I. Noskov. Ovtsevodstvo

DEFORMITIES
Early diagnosis and therapy of congenital deformations and prevention of birth trauma. A. P. Skoblin, V. G. Chetaeva, P. P. Sova. Ortop., travm. i protez. 17 no. 2:31-36 Mr-Ap '56.

DEGREES, ACADEMIC
The award of an academic degree is a recognition of scholarly qualification; remarks by the chairman of the board of review. B. V. Nekrasov. Vest. vys. shkoly 14 no. 11:9-12 N '56.

DEHYDRATION (CHEMISTRY)
Effect of the mode of preparation and of the carrier on the catalytic activity of chromic oxide in dehydrogenation and dehydration. A. A. Tolstopiatova, K. A. Dulitskaia, A. A. Balandin. Izv. AN SSSR. Otd. khim. nauk no. 10:1256-1265 O '56.

DEHYDROGENATION
Effect of the mode of preparation and of the carrier on the catalytic activity of chromic oxide in dehydrogenation and dehydration. A. A. Tolstopiatova, K. A. Dulitskaia, A. A. Balandin. Izv. AN SSSR. Otd. khim. nauk no. 10:1256-1265 O '56.

DELIVERY OF GOODS
Drawing up documents for the centralized delivery of goods in the retail trade system. N. Satanovskii. Bukhg. uchet 15 no. 11:34-35 N '56.
[General and special delivery regulations] Sbornik osnovnykh i osobykh uslovii postavki. Moskva, Gos. izd-vo jurid. lit-ry.
Pt. 1. [...of industrial and technical goods] ...produktsii material'no-tekhnicheskogo naznacheniia. 1956. 1042 p.
Pt. 2. [...of consumers' goods] ...tovarov narodnogo potrebleniia. 1956. 697 p.

DENMARK—SCHOOLHOUSES
In the new schools of Sweden and Denmark. N. Pashchenko. Sem'ia i shkola 11 no. 12:32-33 D '56.

DENTISTRY—STUDY AND TEACHING
Pekker, IA. S. [Laboratory manual for a course on diseases of the teeth and the mucous membrane of the oral cavity for the use of dental schools] Rukovodstvo k prakticheskim zaniatiiam po kursu boleznei zubov i slizistoi obolochki polosti rta dlia zubovrachebnykh shkol. Moskva, Medgiz, 1956. 325 p.
(DAFM)

DEOXYRIBONUCLEIC ACID
Sensitization of the radiolytic depolymerization of deoxyribonucleic acid. A. M. Kuzin, E. V. Budilova. Biofizika 1 no. 1:57-59 '56.

DEPARTMENT STORES see subdivision under Moscow; Tashkent

DEPOLARIZATION (ELECTRICITY)
Sulfur-dioxide depolarization in the electrolysis of sulfate solutions. I A. Korchmarek, G. Z. Kir'iakov. Izv. AN Kazakh. SSR. Ser. khim. no. 10:44-52 '56.

DEPOSITION AND SEDIMENTATION see Sedimentation and deposition

DERMATOLOGY
Brief report on the work of the Leningrad Tarnovskii Scientific Society of Dermatologists and Venereologists in 1955. O. N. Podvysotskaia, L. A. Shteinlukht. Vest. ven. i derm. 30 no. 5:59-61 S-O '56.
Brief report on the work of the Moscow Dermatological and Venereological Society in 1955. V. A. Rakhmanov, L. A. Neradov. Vest. ven. i derm. 30 no. 5:57-59 S-O '56.
Eleventh conference of dermatologists and venereologists of the Lithuanian S. S. R. Vest. ven. i derm. 30 no. 5: 62-63 S-O '56.

DERMATOMYCOSIS
Dermatomycosis in infants. L. I. Kukoleva. Vest. ven. i derm. 30 no. 5:22-23 S-O '56.

DERMATOPHYTES
Separation of megasporia into a special nosologic unit. D. L. Voronov. Vest. ven. i derm. 30 no. 5:23-25 S-O '56.
Studying the action of certain organic substances on Epidermophyton Kaufmann-Wolf and Trichophyton gypseum. M. F. Hamaleia. Stud. nauk. pratst no. 20; 141-147 '56.

DESERTION AND NONSUPPORT
It isn't true, they do have a father. T. Novikova. Krest'ianka 35 no. 12:28-29 D '56.

DESIGNS, ARCHITECTURAL see Architecture—Designs and plans

DESORPTION
Extraction of iodine from Apsheron brines by means of air desorption. Report no. 1. Desorption of iodine in an acidic merium [in Azerbaijani with summary in Russian]. S. D. Guseinov, D. I. Zul'fugarly, M. I. Abdullaeva. Uch. zap. AGU no. 3:17-25 '55.
Extraction of iodine from Apsheron brines by means of air desorption. Part 2. Desorption of iodine in acidic and alkaline media performed in a pilot plant. D. I. Zul'fugarly and others. Uch. zap. AGU no. 4:11-20 '55.
Investigation on the desorption of substances in Soxlet's apparatus following molecular sorption. IU. V. Shostenko. Med. prom. no. 2:35-38 Ap-Je '55.

DESOXYRIBONUCLEIC ACID
Physical and chemical principles of heredity. N. P. Dubinin. Biofizika 1 no. 5:677-695 '56.

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DEUTERIUM COMPOUNDS
Isotopic effect on the liquid-vapor equilibrium of binary systems containing deuterium compounds. I. B. Rabinovich and others. Dokl. AN SSSR 110 no. 2:241-244 S '56.

DEUTERIUM COMPOUNDS—SPECTRA
Microwave spectrum of HDSe. V. G. Veselago, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 31 no. 4:731 O '56.
Vibration spectra of aromatic compounds. Part 4. Calculation and interpretation of the vibration spectra of biphenyl and decadeuteriobiphenyl. M. A. Kovner. Opt. i spektr. 1 no. 6:742-751 O '56.

DEUTERIUM OXIDE
Enriching heavy water using a biological method (from "Nature," v. 177, no. 4517, 1956). S. L. Atom. energ. no. 4:179 '56.
Value of a discovery. B. Sustov. Znan. sila 31 no. 11: 15-19 N '56.

DEUTERONS
Deuteron energy dependenceof the cross section of Li (d, p)Li reaction in the 1, o--4 Mev interval. L. S. Bezrukov, D. A. Panov, D. V. Timoshuk. Atom. energ. no. 4:149-150 '56.
Disintegration of a relativistic deuteron in a nuclear electric field. L. N. Rozentsveig, A. G. Sitenko. Zhur. eksp. i teor. fiz. 30 no. 2:427-428 F '56.
Dispersion correlations for $\pi$-meson scattering by deuterons. B. L. Ioffe, I. IA. Pomeranchuk, A. P. Rudik. Zhur. eksp. i teor. fiz. 31 no. 4:712-713 O '56.

DEVELOPMENT see Growth

DEXTRAN
Correlation between borate and dextran. K. Zakshevskii, Z. Mai, K. Muravskii. Biokhimiia 21 no. 5:600-602 S-O '56.

DIABETES
Development of a cataract in experimental diabetes. I. N. Khizhniakova. Vest. oft. 69 no. 5:58-61 S-O '56.
Diabetogetic action of ACTH in latent insufficiency of the insular apparatus. N. S. Veller, P. M. Charnaia. Probl. endok. i gorm. 2 no. 5:44-49 S-O '56.

DIAGNOSIS
Erythrocyte sedimentation reaction as a diagnostic and prognostic index. M. N. Fridman. Lab. delo 2 no. 6:10-11 N-D '56.

DIAGNOSIS, RADIOSCOPIC
D'iachenko, V.A. [X-ray diagnosis of diseases of the internal organs; a manual for physicians and students] Rentgenodiagnostika zabolevanii vnutrennikh organov; rukovodstvo dlia vrachei i studentov. Moskva, Medgiz, 1956. 334 p. illus., port.
(DAFM)

DIALECTIC
Dialectical problems in present-day bourgeois philosophy. S. A. Efirov. Vop. filos. no. 5:120-131 '56.

DIAMONDS
Photoluminescence of diamond. M. A. Gnevushev. Min. sbor. no. 10:325-329 '56.

DIASTASE
Effect of stimulation of the receptors of the rectum and bladder on the amylolytic activity of blood. A. A. Loginov, R. S. Bratkova. Uch. zap. AGU no. 3:65-70 '55.

DIATHERMY
Treating endarteritis obliterans by an ultrahigh-frequency electric field and radon baths in a polyclinic. V. V. Isaev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:77-82 O-D '56.

DIATHERMY, SURGICAL see Electrosurgery

DIATOMS see subdivision under Black Sea

DIBORANE
Nitrogen-containing diborane derivatives. A. F. Zhigach, L. N. Kochneva. Usp. khim. 25 no. 10:1267-1281 O '56.

DICYCLOHEXYLAMINE
Determination of the equilibrium constant of the reaction between dicyclohexylamine and ammonia. A. I. Naumov, E. P. Heidel, E. P. Geidel'berg. Zhur. fiz. khim. 30 no. 9:2126 S '56.

DIELECTRIC CONSTANTS
Method for measuring dielectric and magnetic characteristics. A. M. Ar'ev. Nauch. trudy NPI 26:460-466 '56.

DIELECTRIC HEATING
Calculating the load of a generator for dielectric heating with continuous feed of material into its condenser. IU. S. Pershin. Trudy Inst. energ. AN Uz. SSR no. 8: 122-143 '55.
High-frequency heating of materials with high specific resistance. N. P. Skvortsov. Vest. elektroprom. 27 no. 5:30-34 My '56.
Using dielectric heating to dry capacitor paper in rolls. A. V. Donskoi, A. A. Framkin. Vest. elektroprom. 27 no. 5:35-39 My '56.

DIELECTRICS
Changes in the dielectric properties of the blood in horses during thermal inactivation. V. K. Tkach, V. G. Chervov. Sbor. trud. Khar'. vet. inst. 21:135-143 '56.
Conference on dielectric and semiconductor technology. Radiotekhnika 11 no. 10:79-80 O '56.
Dielectric losses in dense amorphous structures. V. Kh. Kozlovskii. Zhur. tekh. fiz. 26 no. 10:2254-2256 O '56.
Mechanism of relaxation dielectric losses in crystals with polar molecules. I. TS. Linst. Zhur. tekh. fiz. 26 no. 10:2293-2301 O '56.
Some hydrodynamical phenomena accompanying the passage of current through insulating liquids. G. A. Ostroumov. Zhur. eksp. i teor. fiz. 30 no. 2:282-286 F '56.
Studying the heterocharges of electrets in carnauba wax. A. I. Frolman, V. M. Fridkin. Kristallografiia 1 no. 3:342-350 '56.

DIELECTRICS—CONGRESSES see subdivision under Dnepropetrovsk

DIES (METALWORKING)
Dies with inserts for upsetting slotted screw heads. A. I. Kogan. Stan. i instr. 27 no. 10: 30 O '56.
Poliak, S. M. [Cold die stamping] Kholodnaia ob"emnaia shtampovka. Pod obshchei red. V. P. Romanovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 92 p. (Bibliotechka shtampovshchika, no. 6)
(CU)

DIESEL ENGINES
Additional oil control rings in KDM-46 engines. M. Kireev. MTS 16 no. 10:30-30 O '56.
Diesel engines operating on gas with spark ignition fuel oil. I. P. Chernogubovskii. Biul. Kom. po gazosnab. ust. no. 2:26-36 '47.
For an improved method of regulating the fuel systems of diesel engines. V. Antipov. MTS 16 no. 10:27-28 O '56.
Improper operation of diesel tractors. N. Bondarenko. Tekhsov. MTS 17 no. 22:8-9 N '56.
Increasing the power of engines by cooling the air charge. A. E. Simson, F. G. Grinsberg. Energomashinostroenie no. 11:13-17 N '56.
Modernization of "Pioner" diesels. S. G. Kagan. Energ. biul. no. 11:24-28 N '56.
Work of Diesel Assembly on the conversion of diesels to gas. V. V. Riazantsev. Biul. Kom. po gazosnab. ust. no. 2:37-39 '47.

DIESEL FUELS
Determining the jet length of atomized fuel. A. S. Lyshevskii. Nauch. trudy NPI 26:391-401 '56.
Diesel engines operating on gas with spark ignition fuel oil. I. P. Chernogubovskii. Biul. Kom. po gazosnab. ust. no. 2:26-36 '47.

DIESEL FUELS—TESTING
On the life of diesel oil in D50 engines of the TE diesel locomotives. V. A. TSaregradskii and others. Vest. TSNII MPS 15 no. 2:28-30 S '56.

DIESEL LOCOMOTIVES
(see also subdivision under Soviet Central Asia)
Experience in using diesel locomotives on the Tashkent railroad. M. N. Belon'kii. Trudy TASHIIT no. 5:6-15 '56.
Investigation of the operation of the refrigerator ventilator in the TE-1 diesel locomotive. M. A. Sirusevich, L. F. Karpukhina. Trudy TASHIIT no. 5:17-20 '56.
Ryloev, G. S., and others. [Management and operation of Diesel locomotives] Teplovoznoe khoziaistvo. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 311 p.
Shishkin, K. A., and others. [Soviet diesel locomotives] Sovetskie teplovozy. Izd. 3-e, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 387 p.
Six hundred h. p. diesel locomotive for shunting purposes. Vest. TSNII MPS 15 no. 2:31 S '56.
The TE3 diesel locomotive. Zhel. dor. transp. 38 no. 11:46a-d N '56.

DIESEL LOCOMOTIVES—BIBLIOGRAPHY see Bibliography—Diesel locomotives

DIET IN DISEASE
Pamphlets on therapeutic diet. Reviewed by V. I. Kurko, V. P. Sokolovskii. Vop. pit. 15 no. 6:53-56 N-D '56.

DIFFERENCE EQUATIONS

Application of the finite difference method to the solution of the first boundary value problem for equations of the parabolic type. T. D. Venttsel'. Mat. sbor. 40 no. 1:101-122 S '56.

DIFFERENTIAL EQUATIONS

Analyticity of solutions for a generalized parabolic system. M. D. Mustafaev. Uch. zap. AGU no. 2:3-13 '55.

Bounded solutions for a certain nonlinear system of ordinary differential equations. B. P. Demidovich. Mat. sbor. 40 no. 1:73-84 S '56.

Certain cases of the existence of periodical solutions. I. I. Vorovich. Dokl. AN SSSR 110 no. 2:165-168 S '56.

Definition of complex singularities of a system of two differential equations by means of simple singularities of gross systems. N. A. Gubar'. Mat. sbor. 40 no. 1: 23-56 S '56.

Differential equation for capacity. N. F. Voevodin. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:59-62 '54.

Generation of limit cycles from a complex focal point or center and from a complex limit cycle. A. A. Andronov, E. A. Leontovich. Mat. sbor. 40 no. 2:179-224 O '56.

Investigation of the equilibrium position neighborhood for a system of differential equations. V. I. Zubov. Dokl. AN SSSR 110 no. 2:169-171 S '56.

Limits of applicability of a theorem of Chaplygin on differential inequalities. N. V. Azbelev. Mat. sbor. 39 no. 2:161-178 Je '56.

Mean value calculation and its application to some nonlinear problems in radio engineering. IU. N. Bakaev, P. I. Kuznetsov. Radiotekhnika 11 no. 10:3-12 O '56.

One approximate solution of the one-dimensional Stefan problem. M. G. Gadzhieva. Uch. zap. AGU no. 4:3-5 '55.

Solvability of nonlinear singular integral and integro-differential equations by the method of successive approximation. B. I. Gekht. Nauch. trudy NPI 20: 430-454 '55.

Sufficient conditions for asymptotic stability of a nonlinear system. D. R. Merkin. Uch. zap. Ped. inst. Gerts. 125:115-118 '56.

Transformation of equations related to automatic control systems. R. A. Spunskii. Uch. zap. Ped. inst. Gerts. 125:217-231 '56.

DIFFERENTIAL EQUATIONS, LINEAR

Boundary properties of solutions of elliptic-type linear differential equations of second order. IA. B. Lopatyns'kyi. Dop. AN URSR no. 2:107-112 '56.

DIFFERENTIAL EQUATIONS, PARTIAL

Application of the finite difference method to the solution of the first boundary value problem for equations of the parabolic type. T. D. Venttsel'. Mat. sbor. 40 no. 1:101-122 S '56.

Some remarks on my paper on Cauchy's problem. I. G. Petrovskii. Mat. sbor. 39 no. 2:267-272 Je '56.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION

Geometry of diffraction pictures in the presence of dynamic interaction of X rays and crystals. I. V. IAvorskii. Kristallografiia 1 no. 3:287-290 '56.

DIFFUSION

Investigating mercury diffusion coefficients in mercury-cadmium alloys in the 90 - 180° C temperature range. S. D. Herstriken, M. B. Butsik, M. D. Al'bert. Nauk. zap. Kiev. un. 9 no. 149-52 '50.

Investigating small diffusion coefficients in Ag-Cd alloys in the 275-450° C temperature range. S. D. Herstriken, I. IA. Dekhtiar, TS. M. Ildatova'ka. Nauk. zap. Kiev. un 9 no. 2:41-48 '50.

DIGESTERS (CHEMICAL ENGINEERING) see Autoclaves

DIGESTIVE ORGANS

Effect of acute radiation sickness on the change in methionine absorption by the gastrointestinal tract. N. M. Okulov. Med. rad. 1 no. 5:41-45 S-O '56.

DIGESTIVE ORGANS—DISEASES

Sulfanthrol and norsulfazole for controlling gastrointestinal diseases in young fowl. A. A. Ankerov. Pitanovodstvo 6 no. 11:38-39 N '56.

DIGITALIS

Mechanism of the action of digitalis on the hearts of animals of various ages. V. D. Rozanova. Biul. eksp. biol. i med. 42 no. 10:39-43 O '56.

Sigal, A. M. [Digitalis and its therapeutic uses; digitalis therapy] Naperstianka i ee terapevticheskoe primenenie; digitalisnaia terapiia. Izd. 2-e, perer. i dop. Moskva, Gos. izd-vo med. lit-ry, 1956. 238 p. (DNLM)

DIKES (GEOLOGY)
(see also subdivision under Altai Mountains; Leukhtrak Valley; Zirbulak Hills)

Metallogenic significance of dike formations. Kh. M. Abdullaev. Zap. Ur. otd. Vses. min. ob-va no. 6:3-16 '54.

DILATOMETER

Magnetic viscosimeter-dilatometer. A. V. Rinkov, O. G. Tarakanov, L. I. Khurtin. Zav. lab. 22 no. 9: 1111-1112 '56.

DIORITE see subdivision under Altai Range

DIPHENYLAMINE

Characteristics of the crystallization of diphenylamine. A. V. Shubnikov. Kristallografiia 1 no. 3:374-375 '56.

DIPHTHERIA

Composition and biochemical properties of the myocardium in experimental diphtherial intoxication [with summary in English]. E. A. Mishukova, L. N. Lebedeva. Vop. med. khim. 2 no. 5:369-377 S-O '56.

Dynamics of prothrombinemia in diphtheria. P. P. Mel'nikov. Pediatriia 39 no. 4:33-35 Jl-Ag '56.

Epidemiology of cutaneous diphtheria. E. T. Sviridenko. Pediatriia 39 no. 4:36-38 Jl-Ag '56.

On the problem of repeat cases of diphtheria; author's abstract. A. F. Podlevskii. Pediatriia 39 no. 4:27-28 Jl-Ag '56.

Problems in the diagnosis of hospitalization of children with diphtheria and with suspected diphtheria. A. A. Markova, M. S. Kudasova, Z. P. Semenova. Pediatriia 39 no. 4:23-27 Jl-Ag '56.

DIPHTHERIA—DIAGNOSIS

Agglutination reaction in carriers of diphtherial microbes; preliminary report. R. O. Alieva. Pediatriia 39 no. 4:31-32 Jl-Ag '56.

Discussions. Pediatriia 39 no. 4:60-62 Jl-Ag '56.

Significance of the agglutination reaction as a method for differentiating diphtheria from tonsillitis of different etiology in carriers of diphtheria germs. L. P. Deltsgina and others. Pediatriia 39 no. 4:28-30 Jl-Ag '56.

DIPLOCOCCUS

Treating diplococcal diseases in calves. A. Akhmedov, I. Kiamalov, I. Venenian. Veterinariia 33 no. 12:27-28 D '56.

DIPLOMATIC AND CONSULAR SERVICE—REGISTERS, LISTS, ETC.

Russia (1923- U. S. S. R.) Ministerstvo inostrannykh del. [The diplomatic corps in Moscow] Diplomaticheskii korpus v Moskve. [n. p.] IAnvar', 1951. 130 p. [MICROFILM]

DIPTERA

Experiment in treating plants with insecticides to control blood-sucking flies and midges under natural conditions [with English summary in insert]. V. M. Saf'ianova and others. Zool. zhur. 35 no. 9:1335-1341 S '56.

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DIRECT TAXATION see Income tax

DISABILITY EVALUATION

Expert medical determination of working capacity in osteoarticular tuberculosis. I. V. Gailorybov and others. Ortop., travm. i protez. 17 no. 3:36-41 My-Je '56.

DISABLED—EMPLOYMENT see subdivision under Ufa

DISABLED—REHABILITATION, ETC.

Achievements of the Saratov Scientific Research Institute of Reconstructive Surgery and Orthopedics during the period 1946-1956. IA. N. Rodin, A. A. Krylov. Ortop., travm. i protez. no. 5:60-71 S-O '56.

Protect the interests of disabled workers. A. Rybkin. Prom. koop. no. 11:22-23 N '56.

Some achievements of the Scientific Research Institute of Orthopedics and Reconstructive Surgery at Baku during the period 1946-1954. A. M. Aliev. Ortop., travm. i protez. no. 5:63-66 S-O '55.

DISABLED VETERANS

An important step in the development of Russian orthopedics, traumatology and rehabilitation surgery. D. K. IAzykov. Ortop., travm. i protez. no. 5:9-15 S-O '55.

Ten years of therapeutic and prophylactic work with invalids of the Second World War. N. N. Priorov. Ortop., travm. i protez. no. 5:3-8 S-O '55.

DISABLED VETERANS—REHABILITATION, ETC.

Achievements of the Scientific Research Institute of Orthopedics and Reconstructive Surgery of Georgian S. S. R. among invalids of the Second World War. B. Sh. TSereteli. Ortop., travm. i protez. no. 5:60-63 S-O '55.

Results of rehabilitation therapy for veterans of World War II in Tatar A. S. S. R. (1945-1954). IA. I. Tarnopol'skii, N. S. IAkupova. Ortop., travm. i protez. no. 5:66-69 S-O '55.

The Ukrainian M. I. Sitenko Scientific Research Institute of Orthopedics and Traumatology and its cooperation with public health agencies in treating invalids of the Second World War. A. P. Skoblin. Ortop., travm. i protez. no. 5:72-74 S-O '55.

DISARMAMENT

Statement by the Soviet government on the problem of disarmament and the lessening of international tension. Sov. shen. 12 no. 12:14-16 D '56.

Who prevents a solution of the disarmament problem. G. Andreev. Mezhdunar. zhizn' no. 10:14-24 O '56.

DISCIPLINE, MILITARY see Military discipline

DISCUS THROWING

Instruction in discus throwing technique. D. Markov. Leg. atl. no. 11:9-11 N '56.

DISEASE RESISTANCE OF PLANTS see Plants—Disease and pest resistance

DISEASES, DEFICIENCY see Deficiency diseases

DISEASES OF CHILDREN see Children—Diseases

DISINFECTION AND DISINFECTANTS

Cultivating anthrax bacilli which have been treated by disinfectants. A. A. Poliakov, K. I. Terent'eva. Veterinariia 33 no. 12:77 D '56.

Disinfection in foci of paratyphoid fever infections. A. D. Krinochkin. Veterinariia 33 no. 12:66-69 D '56.

Disinfection of saddles and harnesses made out of leather substitutes. D. I. Kazanskii. Sbor. trud. Khar'. vet. inst. 22:137-142 '54.

Implement for filling combs with disinfecting liquids and for rinsing them with water. M. Z. Krasnopeev. Pchelovodstvo 33 no. 12:30-31 D '56.

Light-weight apparatus for mechanized disinfection and disinsectization by hot solutions. A. A. Poliakov, V. S. IArnykh. Veterinariia 33 no. 12:70-74 D '56.

DISLOCATIONS IN CRYSTALS

Formation of screw dislocations during the process of crystal growth. G. G. Lommtein, E. D. Dukova. Kristallografiia 1 no. 3:351-355 '56.

DISPLAY OF MERCHANDISE

Sinitsyn, R. V. [Progressive practices in displaying shoes] Peredovoi opyt pokaza obuvi. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 49 p. (Peredovoi opyt v torgovle promyshlennymi tovarami)

DISSERTATIONS, ACADEMIC

Dissertations on the problems of the economy and organization of trade. Sov. torg. no. 11:44-47 N '56.

List of dissertations defended at the S. M. Kirov State University of Azerbaijan in 1955. Uch. zap. AGU no. 1: 138-140 '56.

Why ten dissertations for the degree of candidate were turned down. Vest. vys. shkoly 14 no. 11:12-15 N '56.

DISSERTATIONS, ACADEMIC—BIBLIOGRAPHY see Bibliography—Dissertations, Academic

DISTANCES—MEASUREMENT

Geometric method for determining distances over water surfaces without the need for traveling over the water. K. M. Arukaevu. Meteor. i gidrol. no. 10:55-56 O '56.

DISTILLATION

New methods for the distillation of salt water. M. K. Markarian, E. V. Shtanikov. Izv. AN Turk. SSR no. 3:44-50 '56.

Suggestions of the interplant school of workers of continuous tar-processing sections. IA. A. Bron. Koks i khim. no. 7:44-46 '56.

Vapor-liquid balance in the rectification of coal tar. I. M. Nonatevich. Koks i khim. no. 7:37-41 '56.

DISTILLATION APPARATUS

Ammonia dissociator with automatic temperature control. A. A. Nalbandian. Prom. energ. 11 no. 11:11-13 N '56.

Continuous water distilling apparatus. K. I. Kal'pchiev. Khim. v shkole 11 no. 6:47-48 N-D '56.

Conversion of fractional columns to operation with reflux. IA. F. Bykovskii. Koks i khim. no. 7:3 of cover '56.

Increasing the productivity of the preliminary rectifying column. I. A. Levantovich, A. A. Novikov. Koks i khim. no. 7:63-64 '56.

Stop cock for fractionating columns. B. V. Volkov. Zav. lab. 22 no. 9:1131 '56.

DISTILLING INDUSTRIES

Labor reserves in a seasonal industry. B. Peterson. Sots. trud no. 9:102-104 S '56.

DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES

Aronovich, V. V. [Instruments and regulators in the distilling industry] Pribory i regulatory spirtovoi promyshlennosti. Moskva, Pishchepromizdat, 1956. 300 p.

DISTRIBUTION (PROBABILITY THEORY)

Asymptotic distribution of the $\chi^2$ criterion when the size of observations and the number of groups simultaneously increase [with summary in English]. D. Kh. Tumanian. Teor. veroiat. i ee prim. no. 1:131-145 '56.

Estimations with minimum bias for a binomial distribution [with summary in English]. S. Kh. Strazhdinov. Teor. veroiat. i ee prim. no. 1:168-174 '56.

Stochastic processes whose sample functions are distributions [with summary in English]. K. Urbanik. Teor. veroiat. i ee prim. no. 1:140-149 '56.

Theorem on ordered sets of random distributions [in German]. H. Cramer. Teor. veroiat. i ee prim. no. 1: 10-24 '56.

DMITRIEV-MAMONOV, FEDOR IVANOVICH, 1727-1805

The "Court philosopher" by F. I. Dmitriev-Mamonov. L. B. Svetlov. Vop. ist. rel. i ateiz. no. 4:394-412 '56.

DNEPRODZERZHINSK—BLAST FURNACES

Cast iron from a new blast furnace. V. Bielialev. Ukraina no. 21:7 N '56.

Demonstration building of the No. 12 blast furnace in Dneprodzerzhinsk. V. D. Areshkovich, A. D. Fleer. Strol. prom. 34 no. 10:2-10 O '56.

Erecting steel elements of the No. 12 blast furnace in Dneprodzerzhinsk. B. IA. Gleiberman, S. IU. Rabinovich. Strol. prom. 34 no. 10:11-15 O '56.

DNEPRODZERZHINSK—CONSTRUCTION WORKERS

Affairs and people of a great construction project. M. Voskresenskaia. Mol. komm. 14 no. 11:89-94 N '56.

DNEPROPETROVSK—DESCRIPTION

Face of the big city. Mykola Strokova'kyi. Ukraina no. 22:8-9 N '56.

DNEPROPETROVSK—DIELECTRICS—CONGRESSES

Physics of solid and liquid dielectrics; the all-Union conference in Dnepropetrovsk. V. A. Chuenkov. Vest. AN SSSR 26 no. 11:107-108 N '56.

DNEPROPETROVSK—KINDERGARTEN

The victory of love. K. Prokof'eva. Doshk. vykh. 17 no. 11:36-37 N '56.

DNEPROPETROVSK—REVOLUTION, 1917-1921

Yekaterinoslav Bolshevik organization during the crises of tsarism and the February revolution. N. F. Sidorchuk. Pratsi kaf. susp. nauk L'viv. un. no. 1:26-38 '54.

DNEPROPETROVSK PROVINCE—BERKSHIRE SWINE

Fattening the pigs of the Berkshire type. H. A. Forenov-s'kyi, F. K. Pocherniaiev. Sots. tvar. 28 no. 11:40-41 N '56.

DNEPROPETROVSK PROVINCE—COLLECTIVE FARMS

Work effectiveness of composite crews. A. Anisimov. Sots. sel'khoz. 17 no. 7:33-37 '56.

DNEPROPETROVSK PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

Put in order the distribution of bills. L. Lipovetskii. Raspr. pech. no. 10:15 O '56.

DNEPROPETROVSK PROVINCE—SPHENE

Sphene from Tok station in the Dnepropetrovsk region. IU. M. Abramovich. Min. sbor. no. 5:337-339 '51.

DNIEPER RIVER

Basic characteristics of flow in the Dnieper River at Kremenchug. H. I. Shvets'. Dop. AN URSR no. 4:365-369 '56.

DNIEPER RIVER—AMPHIPODA

New species of amphipod gammaridae in the middle Dnieper. I. P. Lub'ianov. Dop. AN URSR no. 4: 412-414 '56.

DNIEPER RIVER—CARP

Biology of the Dnieper vimba and its fishery. M. P. Tarnavs'kyi. Stud. nauk. pratsi no. 20:33-45 '56.

Biology of the propagation of white bream in Konskiye Plavni. A. S. Danylenko. Stud. nauk. pratsi no. 20:21-32 '56.

DNIEPER VALLEY—GEOLOGY, STRATIGRAPHIC

Age correlations of Pre-Cambrian deposits on the right bank of the Dnieper. IU. Ir. Polovinkina. Inform. sbor. [illegible] no. 1:18-24 '55.

[illegible]-QUINCE

[illegible]g well. N. S. Kozhokaru. [illegible]3-O '56.

[illegible]URE

[illegible]viticulture in the Dniester [illegible]rigorovich, V. V. IUr-[illegible]3 O '56.

[illegible]vision 'Legal documents'

[illegible]n cultivated grasses? [illegible]r. 41 no. 8:1186-1187 Ag

[illegible]f dodder [with English [illegible]nev. Fiziol. rast. 3

[illegible]cations on the peritoneum [illegible]ens in dogs. I. A. Kalash-[illegible] 21:466-470 '56.

DOGS—DISEASES

Demodecid mange in dogs and main methods for its treatment. V. A. Sokolovskii. Sbor. trud. Khar'. vet. inst. 22:310-315 '54.

Functional state of the kidneys in experimental nephritis in dogs. A. I. Malinin, E. D. Karchenko, V. I. Tertyshnik. Sbor. trud. Khar'. vet. inst. 22:171-177 '54.

Functional state of the reticuloendothelial system in X-ray therapy of mange in dogs. A. I. Malinin, L. A. Konovalenko. Sbor. trud. Khar'. vet. inst. 22:178-187 '54.

Liubashenko, S. IA., ed. [Infections and parasitic infestations of dogs] Infektsionnye i invazionnye bolezni sobak. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 242 p.
(DA)

Treating dogs for mange. G. V. Tikhonov, P. N. Krasheninnikov. Veterinariia 33 no. 12:34-35 D '56.

DOGS—PARASITES see Parasites—Dogs

DOGS—PHYSIOLOGY

On the study of isoantigens and isoimmune antibodies in blood transfusion in dogs. V. M. Labunskii. Sbor. trud. Khar'. vet. inst. 21:413-424 '56.

DOGS AS CARRIERS OF DISEASE

Comparative rates of cestode infection of dogs of different service designations. V. I. Bondareva. Trudy Inst. zool. AN Kazakh. SSR 3:105-112 '55.

DOKUCHAEV, VASILII VASIL'EVICH, 1846-1903

Polynov, B. B., I. A. Krupenikov, and L. A. Krupenikov. [Vasilii Vasil'evich Dokuchaev; a sketch of his life and works] Vasilii Vasil'evich Dokuchaev; ocherk zhizni i tvorchestva. S poslesloviem I. V. Tiurina. Moskva, Izd-vo Akademii nauk SSSR, 1956. 276 p. (Naucheno-populiarnaia seriia)

DOLOMITE see subdivision under Carpathian Mountain region

DOMESTIC ANIMALS

Conference on the problem of the individual development of farm animals. Izv. AN SSSR. Ser. biol. no. 5: 123 S-O '56.

DOMESTIC ANIMALS—DISEASES see Veterinary medicine

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DON VALLEY—FISH CULTURE

Possibilities of utilizing reservoirs of the Lower Don for the reproduction of fluvial anadromous fishes. E. V. Potekhina. Ryb. khoz. 32 no. 11:32-34 N '56.

DON VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy and paleogeography of upper Cretaceous deposits in the Ul'yanovsk-Saratov region of the Volga Valley and in the middle reaches of the Don Valley. O. V. Flerova, A. D. Gurova. Trudy VNIGNI no. 7:145-165 '56.

DON VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Stratigraphic significance of the group Chonetites mosquensis Fischer in the middle Carboniferous of the Don-Medveditsa Upland. S. V. Semikhatova. Trudy VNIGNI no. 7:73-116 '56.

DON-VOLGA CANAL see Volga-Don Canal

DONETS BASIN—ALKALI LANDS

Occurrence of saline tectonics on the borders of the Donets Basin. M. P. Balukhovs'kyi. Dop. AN URSR no. 4:388-390 '56.

DONETS BASIN—COAL—ANALYSIS

Determining the methane content of Donets Basin coals. O. N. Shcherban', A. S. TSyrul'nykov. Dop. AN URSR no. 4:383-388 '56.

DONETS BASIN—COAL GEOLOGY

Relationship of tectogenesis to lithogenesis based on the analysis of profiles of pay formations in the Donets Basin. A. G. Kobilev. Nauch. trudy NPI 26:173-185 '55.

DONETS BASIN—COAL MINERS

Adjustment brigades. Mast. ugl. 5 no. 10:29 O '56.

Ivan Savchenko, section chief. I. Aleksandrov. Mast. ugl. 5 no. 10:17-18 O '56.

DONETS BASIN—COAL MINES AND MINING

At a depth of more than a thousand meters. Mast. ugl. 5 no. 10:27 O '56.

Continuous improvement of mining practices. N. Pantratchenko. Mast. ugl. 5 no. 10:7-9 O '56.

DONETS BASIN—COAL PREPARATION

Bulgakov, F. N., M. A. Gusarova, and A. P. Storozhenko. [Work practices of the Kalmius central coal preparation plant] Opyt raboty Kal'miusskoi tsentral'noi ugleobogatitel'noi fabriki. Moskva, Ugletekhizdat, 1956. 26 p.

DONETS BASIN—ELECTRICITY IN MINING

Mastering of an important operation. Mast. ugl. 5 no. 10:29 O '56.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC

Correlation of horizons of the Lower Carboniferous in the region of the western extension of the Donets Basin. D. IE. Aizenberg, N. IE. Brachalkova, M. V. IArtaeva. Dop. AN URSR no. 4:394-397 '56.

Correlation of the gypsum-dolomite series of the Lower Permian in the northwestern Donets Basin. E. I. Sokolova. Trudy VNIGRI no. 95:80-111 '56.

DONETS BASIN—MINE TIMBERING

Platforms at the junction of slopes and drifts. V. Kharitonov. Mast. ugl. 5 no. 10:23 O '56.

DONETS BASIN—MINERALOGY

Authigenic minerals of the pay formation of the Donets Carboniferous. N. V. Logvinenko. Min. sbor. no. 5: 227-242 '51.

DONETS VALLEY—BOTANY—ECOLOGY

Biological types of the vegetation complex of the Donets Valley. I. G. Zoz. Bot. zhur. 41 no. 8:1151-1160 Ag '56.

DORMITORIES see subdivision under Saratov

DORMOUSE see subdivision under Georgia

DOUBLE STARS see Stars, Double

DOVBNIA, HANNA BONIFATIIVNA

Vocation. V. Chornyi, P. IAtsenko. Doshk. vykh. 17 no. 11:18-20 N '56.

DOVES see subdivision 'Pigeons' under Turkmenistan; Uzbekistan

DRAFT HORSES

Horses on the Gastello Collective Farm. M. Volod'ko. Konevodstvo 26 no. 12:6-12 D '56.

Raise more draft horses. I. I. Grudin. Konevodstvo 20 no. 12:1-5 D '56.

Using horses on collective farms. V. K. Gladenko, A. P. Reinov. Kolkh. Bel. 4 no. 10:19 O '56.

DRAGONHEAD see subdivision under Moscow Province

DRAINAGE

Digging an open drainage system. V. V. Kulinskii. Torf. prom. 33 no. 7:36 '56.

Effect of drainage on the biological activity of peat soils. V. A. Mustienko. Stud. nauk. pratsi no. 20:105-111 '56.

Evaluation of the efficiency of bank drainage during a 20-year period of operation. I. A. Skaballanovich. Gidr. strol. 25 no. 10:23-27 N '56.

Subsurface drainage in orchards and parks. F. V. Igestenok. Sad i og. no. 10:56-58 O '56.

Tractor-mounted drain cleaning machine. V. A. Zaitsev. Torf. prom. 33 no. 7:37 '56.

DRAINAGE, SURGICAL

Drainage of the pleural cavity. N. A. Zakharov. Khirurgiia. 32 no. 8:68-69 Ag '56.

DRAMA—BIBLIOGRAPHY see Bibliography—Drama

DRAMATIC CRITICISM see subdivision under Kazakhstan

DRAMATIC EDUCATION see Acting—Study and teaching

DRAWING (METALWORK)

Determining technological parameters for the process of bending with elongation. M. N. Gorbunov. Trudy MATI no. 29:112-142 '56.

DREAMS

In the laboratory of dreams. I. Vol'pert. Znan. sila 31 no. 11:11-14 N '56.

DREDGING

Cheburakhin, A. E., G. R. Grudskii, and S. L. Tatarenko. [Work practice of the dredge "Budennyi" of the Azov Administration of Seaways] Opyt raboty ekipazha samosnariada "Budennyi" Azovskogo upravleniia morskikh putei. Moskva, Izd-vo "Morskoi transport," 1956. 61 p. (Biblioteka obmena opytom na morskom transporte)

DREDGING MACHINERY

Investigation of the operation of the 1000-80 hydraulic pipe-line dredge and the 900 millimeter diameter spoil pipe. N. A. Silin, S. G. Kobernik, I. A. Azautenko. Izv. Inst. gidrol. i gidr. AN URSR no. 14:54-65 '56.

DRESDEN—RAILROADS—CONGRESSES

Second scientific railroad conference (from "Deutsche Eisenbahntechnik," no. 6 1956). Zhel. dor. transp. 36 no. 11:80-87 N '56.

DRESSING OF ORES see Ore dressing

DRESSINGS (SURGERY) see Bandages and bandaging

DRESSMAKING
(see also subdivision under Zaplavnoye)

Chintz dresses. I. Okunev. Prom. koop. no. 11:13-14 N '56.

DRILL (AGRICULTURAL IMPLEMENT)

Improve the service reliability of double-disk furrow openers of grain drills. N. Kh. Repnikov. Sel'khozmashina no. 11:10-11 N '56.

DRILL (AGRICULTURAL IMPLEMENT) (Continued)
New drills. E. Zimina. Tekhsov. MTS 17 no. 22:1-5 N '56.
Results of testing SUTK-47 and SZTU-47 drills. A. F. Morozov. Sel'khozmashina no. 11:7-10 N '56.
SUI.-46 combined flax and fertilizer drill. R. I. Grossman, N. V. Kolpikov, IA. I. Slutsker. Sel'khozmashina no. 11:3-7 N '56.

DRILLING AND BORING MACHINERY
Boring conjugate and coaxial holes. I. I. Borovskikh. Trudy Ural. politekh. inst. no. 50:116-130 '56.
Ensuring the coaxiality of holes drilled in workpieces on multiple-head precision boring machines. P. A. Kornilov. Priborostroenie no. 10:14-15 O '56.
Errors in grinding and setting of spiral drills. R. O. Zakharian. Shor. nauch. trud. ErPI no. 10:53-71 '56.
Lathe for boring machine parts of large diameter. P. K. Smolian, V. S. Chemus. Mekh. sil'. hosp. 7 no. 11:32-3 of cover N '56.
Postarnakevich, I. V. [Boring machines] Na rastochnykh stankakh. [Moskva] Profizdat, 1956. 47 p. (Rasskazy novatorov)
Remodeling vertical boring and turning machines. S. M. Notik. Stan. i instr. 27 no. 10:36-39 O '56.
Russia (1923- U.S.S.R.) Ministerstvo stankostroitel'noi i instrumental'noi promyshlennosti. Nauchno-issledovatel'skoe biuro tekhnicheskikh normativov. [Norms for cutting operations with drills of tool steel; high-speed, alloyed, carbon] Normativy po rezhimam rezaniia sverlami iz instrumental'noi stali; bystrorezhushchei, legirovannoi i uglerodistoi. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 53 p.

DRINKING VESSELS see subdivision under Kollermesskaya

DRIVERS, AUTOMOBILE see Automobile drivers

DROGOBYCH PROVINCE
[Free Drogobych Province; commemorating the first anniversary of its liberation] Vil'na Drogobychchyna; pryaviacheno pershii richnytsi vyzvolennia [Redaktsiina kolegiia: A.N.Deineko ta inshi] Drogobych, Vyd. Viddilu propagandy i agitatsii Drogobyts'koho obkomy KP(b)Y, 1945. 129 p.,illus.

DROGOBYCH PROVINCE—SUGAR BEETS
Our possibilities for developing beet growing. D. I. Mazlo. Sakh. svekl. no. 7:8-12 S '56.

DROGOBYCH PROVINCE—WASTE PRODUCTS
From local waste products. Prom. koop. no. 11:34 N '56.

DROUGHTS
Study of the drought observed during June, 1948 in southeastern European Russia. A. A. Dachurina, V. G. Gus'kova. Trudy TSIP no. 46:64-78 '56.

DRUG INDUSTRY
(see also subdivision under Northeast China)
Combination counting-packing appliance for sugar-coated tablets. A. A. D'iachenko, I. P. Kolodko. Med. prom. no. 3:20-22 Jl-S '56.
Improvement in packaging medical preparations. IA. S. Graevskii. Med. prom. no. 4:33-36 O-D '56.
Increase in labor productivity at the "Acrichine" plant. V. V. Belinkov, N. V. Dolektorskii. Med. prom. no. 2: 43-46 Ap-Je '56.
Introduction of organizational and technical measures is a guarantee of the technical growth of a plant. V. A. Sakharov. Med. prom. no. 4:8-9 O-D '56.
Inventors and rationalizers at the Kharpov Plant in their struggle for technical progress. S. I. Khozak, P. V. Shatskova. Med. prom. no. 4:10-12 O-D '56.
Mechanization of functions requiring a heavy output of labor in the "Akrikhin" plant. P. P. Neugodov, N. V. Dolektorskii. Med. prom. no. 3:16-20 Jl-S '56.
Planning and assembly of appliances for measurement and control and the automatization of the medical industry. E. R. Valashek, V. V. Kurgin. Med. prom. no. 3:7-19 Jl-S '56.
Rationalizers of the "Krasnogvardeets" Plant. M. S. Gutovskaia. Med. prom. no. 4:12-13 O-D '56.

DRUGGISTS see subdivision 'Pharmacists' under United States

DRUGS
[Notes on new medicinal agents.] Annotatsii o novykh lekarstvennykh sredstvakh no. 6 '56. 56 p.

DRUGS—ADMINISTRATION AND DOSAGE
Method for the drip transfusion of drugs. N. N. Sultan. Fel'd. i akush. 21 no. 11:41-42 N '56.

DRUGS—ADULTERATION AND ANALYSIS
Use of the conductometric method in controlling production of intermediate products and the analysis of chemico-pharmaceutic preparations. V. P. Degtiarev. Med. prom. no. 2:16-21 Ap-Je '56.

DRUGS—DRYING
Drying of drugs by atomization in a stream of hot air. I. D. Dolko. Med. prom. no. 4:16-19 O-D '56.

DRUNKENNESS see Alcoholism

DRYING
Lykov, A. V., and A. A. Griaznov. [Molecular drying] Molekuliarnaia sushka. Moskva, Pishchepromizdat, 1956. 270 p.
Simple vacuum apparatus for sterile drying of various laboratory preparations. T. I. Golubev. Lab. delo 2 no. 6:24-25 N-D '56.

DRYING APPARATUS
Air distribution in spray dryers. N. Chekulaev. Moloch. prom. 17 no. 7:11-13 '56.
Saving steam during the operation of drying installations. V. Stel'makhov. Moloch. prom. 17 no. 7:36 '56.
Technical modifications of an apparatus for drying plasma by the method devised by the Central Division of the Leningrad Institute of Blood Transfusion. R. D. Averbakh. Vop. perel. krovi. 4:274-277 '55.
Types of driers for flax and hemp mills. P. M. Mikhailov, L. G. Freishtadt. Tekst. prom. 16 no. 9:46-47 S '56.

DUBROVINO—MOTION-PICTURE PROJECTION
Gennadii Molchanov. I. Sadovnikova. Kinomekhanik no. 11:7 N '56.

DUBROVNIK, YUGOSLAVIA—STUDENTS—CONGRESSES
At a meeting in Dubrovnik. Vsem. stud. nov. 10 no. 9/10: 27 S-O '56.

DUBROVSKII, KONSTANTIN KONSTANTINOVICH, 1888-1956
K. K. Dubrovskii. Astron. tsir. no. 171:30-31 Jl '56.

DUCK (TEXTILE)
Ways of improving the water-repellent qualities of tarpaulin fabrics. M. M. Chilikin, M. N. Zusman, A. G. Kovaleva. Tekst. prom. 16 no. 9:37-40 S '56.

DUCKS
Eiders. V. Minkevich. Okh. i okh. khoz. no. 11:20-20 N '56.
Wintering of ducks. A. Shabakov. Okh. i okh. khoz. no. 11:50 N '56.

DUCKS—DISEASES AND PESTS
Porrocaecosis in ducks and the biological peculiarities of its causative agent. A. A. Mozgovoi. Shor. trud. Khar'. vet. inst. 22:310-320 '54.
Use of purified turpentine in hymenolepiasis of domestic ducks. O. N. Kharchenko. Pitsevodstvo 6 no. 11:39-40 N '56.

DÜSSELDORF, GERMANY—HORSE RACING
Sunday horse races. Vsem. stud. nov. 10 no. 9/10:24-25 S-O '56.

DUMP TRUCKS
Automobile transportation in open pit mining in Czechoslovakia. Gor. zhur. no. 10:42-45 O '56.
Dust and gas pollution of the air in strip mining using automobile transportation. F. N. Ryzhkov. Gor. zhur. no. 10:54-56 O '56.

DUNGAN FOLK SONGS see Folk songs, Dungan

DUNGAN LANGUAGE—NOUN
Two-syllable nouns in the modern Dungan language. IU. TSunvazo. Vest. AN Kazakh. SSR 12 no. 8:52-66 Ag '56.

DUODENUM—INNERVATION
Effect of interoception in the small intestine on the secretion of pancreatic juice and bile in sheep [with summary in English]. R. O. Faitel'berg, L. A. Semeniuk, L. A. Riabova. Fiziol. zhur. 42 no. 10:877-881 O '56.

DUODENUM—SURGERY
Enteropancreatic fistula bringing the intestine into a skin flap. O. B. Sobieva. Fiziol. zhur. 42 no. 10:914-916 O '56.

DUODENUM—ULCERS
Badyl'kes, S. O. [Ulcers of the stomach and the duodenum] IAzvennaia bolezn' zheludka i dvenadtsatiperstnoi kishki. Izd. 2-e, perer. i dop. Moskva, Medgiz, 1956. 318 p.
(DAFM)

DURA, SYRIA—ANTIQUITIES
Dura-Europos, stronghold of the Parthian kingdom. I. A. Shishova. Uch. zap. Len. un. no. 192:107-126 '56.

DVIN—EXCAVATIONS (ARCHAEOLOGY)
"The city of Dvin and its excavations; results of archaeological studies by the expedition of the Academy of Sciences of the Armenia S. S. R. in 1937-1950" [in Armenian with summary in Russian]. K. Kafadarian. Reviewed by L. M. Melikset-Bek. Sov. arkheol. 25:340-350 '56.

DVURECHNAYA DISTRICT—COMMUNITY CENTERS
Power of ardent words. M. Nesvitenko. Bota. kul't. 9 no. 10:27-28 O '56.

DWARF FRUIT TREES
Testing stocks for dwarf pear trees. V. A. Enko. Sad i Log. no. 10:47-48 O '56.

DWELLINGS
Dwellings of the Timonovki paleolithic site; based on the excavations of V. A. Gorodtsov. D. A. Krainov. Sov. arkheol. 25:13-34 '56.
Ukraine. Upravlinnia v spravakh sil's'koho i kolhospnoho budivnytstva. [Dwellings of two rooms and a kitchen-dining room. Model no. 075] Zhylyi budynok na dvi kimnaty z kukhnelu-idal'neiu. Proekt No. 075. Kyiv, Vydavnychyi viddil, 1953. 18 plans.

DYES AND DYEING
Scientific and technical conference on problems relating to the synthesis and use of organic dyestuffs. P. V. Moryganov. Tekst. prom. 16 no. 9:33-35 S '56.

DYES AND DYEING—CHEMISTRY
Kogan, I. M. [The chemistry of dyes] Khimiia krasiteliei. Izd. 3-e, Pod red. A. I. Koroleva. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 696 p.

DYES AND DYEING—COTTON
Improving continuous dyeing of cotton fabrics with sulfur dyes. V. E. Rostovtsev. Tekst. prom. 16 no. 11:36-37 N '56.

DYES AND DYEING—NYLON
Mass dyeing of capron fibers. S. Z. Balsbaim. Tekst. prom. 16 no. 9:19-20 S '56.

DYES AND DYEING—RAYON
Dyeing staple fabrics by the two-bath method. P. D. Muslenkov. Tekst. prom. 16 no. 9:54-55 S '56.
Dyeing viscose rayon staple on KhK-110 continuous-process cotton dyeing apparatus. K. Dokin. Tekst. prom. 16 no. 11:33-34 N '56.

DYKES (GEOLOGY) see Dikes (Geology)

DYNAMOMETER
DTO-UNDIM recording traction dynamometer. V. I. Kirsa. Sel'khozmashina no. 11:17-19 N '56.
Measuring tensile stresses in the caterpillar tracks of tractors. A. M. Balantsev. Nauch. trudy MAMI no. 3: 21-30 '55.
New dynamometric equipment. N. I. Shushkov. Vest. TSNII MPS 15 no. 2:58-59 S '56.
Using the piezoelectric effect for determining stresses and vibrations in machines and automatic machines of the fish processing industry. G. V. Mikhailov, V. P. Makovetskii. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:162-180 '54.

DYNAMOS see Electric generators

DYSENTERY
Effect of temperature on some types of dysentery bacteriophage. S. I. Grishin. Vop. kraev. pat. no. 4: 46-53 '54.
Effectiveness of bacterial vaccine in the treatment of children affected by chronic dysentery. M. L. Kuz'minova, E. I. Kvasnikov, L. V. Semenova. Vop. kraev. pat. no. 4:13-17 '54.
Experimental data on sleep therapy in dysenterial intoxication. Z. A. Ikhsanov. Arkh. pat. 18 no. 6:117-119 '56.
Research on effective methods for treating children with a chronic form of dysentery and unstable stools. M. Z. Loitman, L. I. Rogova. Vop. kraev. pat. no. 4:7-12 '54.

DYSENTERY—PREVENTIVE INOCULATION
Immunogenity of subcutaneous dysentery vaccines. Report no. 1. V. B. Alferova. Vop. kraev. pat. no. 4: 21-27 '54.
Immunog[illegible]
Report

DZHANKOY DISTRICT—JOURNALISM, AGRICULTURAL

Everything is the agricultural correspondent's business. A. Birlukov. Sov. pech. no. 11:40-41 N '56.

DZHANYBEK DISTRICT—SOCIAL LIFE AND CUSTOMS

The Kazakhs of Dzhanybek District, West Kazakhstan Province; historical ethnographic outline. V. V. Vostrov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 3:5-104 '56.

DZHEZKAZGAN REGION—GEOLOGY, STRATIGRAPHIC

Material composition of the ferrous horizon in Dzhezkazgan District Tertiary formations. P. T. Tazhibaeva. Vest. AN Kazakh. SSR 12 no. 8:83-86 Ag '56.

DZHEZKAZGAN-ULUTAU REGION—GEOLOGY, STRUCTURAL

Idyge tectonic zone in the Dzhezkazgan-Ulutau region. G. D. Sapozhnikov. Trudy Inst. geol. nauk no. 101:125-131 '48.

DZHUGDZHUR RANGE—GEOLOGY, STRATIGRAPHIC

Devonian deposits of the Dzhugdzhur and Pribrezhnyy Ranges. L. I. Krasny, IU. F. Chemekov, E. A. Modzalevskaia. Inform. Sbor. VSEGEI no. 1:82-86 '55.

DZUNGARIAN ALA-TAU—RUNOFF

Approximate evaluation of the variability in the yearly river discharge from the northern slope of the Dzungarian Ala-Tau. P. F. Lavrent'ev. Vest. AN Kazakh. SSR 12 no. 8:87-92 Ag '56.

EAGLES

A fight of two predators. P. Mazurov. Okh. i okh. khoz. no. 11:59 N '56.

EAR—DISEASES

Inflammation of the middle ear. M. D. Emel'ianov. Zdorov'e 2 no. 12:23-24 D '56.

Treating some diseases of the external and middle ear by a novocaine block. B. Kh. Ibragimov. Izv. AN Turk. SSR no. 3:80-85 '56.

EARTH—AGE

Present-day concept of the problem concerning the age of the earth. V. I. Baranov. Razved. i okh. nedr 21 no. 6:1-6 N-D '55.

EARTH MOVEMENTS

(see also subdivision under Caspian Sea region)

Classification of rockslides on slopes for engineering geological purposes. G. S. Zolotarev. Uch. zap. Mosk. un. no. 176:135-173 '56.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE

Beliakov, M. F. [Geothermic observations in well boring and their interpretation] Geotermicheskie nabliudeniia v burovykh skvazhinakh i ikh interpretatsiia. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1955. 37 p.

EARTHS, MEDICAL AND SURGICAL USES OF

Dik, V.G. [Fangotherapy in diseases of women] Griaze-lechenie zhenskikh boleznei. Moskva, Medgiz, 1956. 28 p.
(DAFM)

Functional state of the neuromuscular apparatus in patients with sequelae of cerebrocranial trauma and its modification during fangotherapy associated with exercise therapy. L. S. Drozdovskii. Zhur. nevr. i psikh. 56 no. 10:826-827 O '56.

Humoral factors in the blood following mud applications. A. A. Uzbekov, L. B. Ozieva. Biul. eksp. biol. i med. 42 no. 10:44-47 O '56.

EARTHS, RARE

Modern methods for separating rare earths. I. N. Zaozerskii, Z. F. Andreeva. Khim. nauka i prom. 1 no. 5:512-517 '56.

Prices of rare elements in capitalist countries. B. I. Kogan. TSvet. met. 29 no. 10:89-96 O '56.

EARTHWORK—ACCIDENTS

Characteristics of occupational trauma in truck drivers and operators of road and earth-moving machines at the construction site of the Stalingrad Hydroelectric Power Station. M. D. Cherfas, A. E. Kalinina. Ortop., travm. i protez. 17 no. 3:55-58 My-Je '56.

EARTHWORK—COLD WEATHER CONDITIONS

Warming open pits in autumn through hilling and digging with excavators. Rats. i izobr. predl. v stroi. no. 140:8-9 '56.

EARTHWORMS see subdivision under White Russia

EAST EUROPEAN PLAIN—GEOLOGY, STRATIGRAPHIC

IAkovlev, S. A.] Principles of the geology of Quaternary deposits of the East European Plain; stratigraphy with a supplementary map (1:5,000,000) showing Quaternary deposits of European U.S.S.R.] Osnovy geologii chetvertichnykh otlozhenii Russkoi ravniny; stratigrafiia s prilozheniem karty chetvertichnykh otlozhenii Evropeiskoi chasti SSSR v mashtabe 1:5,000,000. Moskva, Gos. nauchn.-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1956. 313 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 17)

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—BEE CULTURE—WINTERING

Wintering bees in East Kazakhstan Province. N. F. Krakhotin. Pchelovodstvo 33 no. 12:14-16 D '56.

EASTER ISLAND—WRITING

At the International Congress of specialists on American languages and literatures. IU. V. Knorozov. Vest. AN SSSR 26 no. 11:78-82 N '56.

EBERTHELLA TYPHOSA

Criticism of Craigie's method of phage typing of Bact. typhi abdominalis by Vi-bacteriophages. S. I. Grishin. Vop. kraev. pat. no. 4:39-45 '54.

EBULLITION

Heat exchange during the boiling of liquids in an annular aperture. I. I. Chernobyl'skii, IU. M. Tananaiko. Zhur. tekh. fiz. 26 no. 10:2316-2322 O '56.

Investigating circulation rate and critical thermal flow dependence. L. S. Sterman, N. G. Stiushin, V. G. Morozov. Zhur. tekh. fiz. 26 no. 10:2322-2328 O '56.

ECHINOCOCCUS see Hydatids

ECLIPSES, LUNAR—1955

Observations of the lunar eclipse of November 20, 1955, at the Astronomical Observatory of Leningrad University. V. V. Sharonov and others. Astron. tsir. no. 171:7-10 Jl '56.

ECLIPSES, LUNAR—1956

Observation of the partial lunar eclipse of May 24, 1956, at Stalinabad. A. M. Bakharev, I. I. Gusev. Astron. tsir. no. 171:11-12 Jl '56.

ECLIPSES, LUNAR—1957

Correcting data for the total lunar eclipse of November 7, 1957. M. M Dagaev. Astron. tsir. no. 171:31 Jl '56.

ECLIPSES, SOLAR

Observation of Einstein's effect during eclipses. A. A. Mikhailov. Usp. fiz. nauk 59 no. 1:51-66 My '56.

Problems relative to the theory of total solar eclipses. I. I. Il'inskii. Publ. Kiev. astron. obser. no. 7:3-11 '56.

ECLIPSES, SOLAR—1954

Radiometric observation of the solar corona at the total eclipse of June 30, 1954 [in Georgian with summaries in Russian and English]. IA. I. Kumsishvili. Biul. Abast. astrofiz. obser. no. 20:17-27 '56.

ECOLOGY

Ekologicheskaia konferentsiia, 3d, 1954. [Abstracts of reports at the Third Ecological Conference] Tezisy dokladov. [Kiev] Izd-vo Kievskogo gos. univ. im. T.G. Shevchenko.
Pt. 4. 1954. 456 p.

ECONOMIC ASSISTANCE see subdivision under India

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Hungary

ECONOMIC BOTANY see Botany, Economic

ECONOMIC CONDITIONS

Economic situation and prospects of present-day capitalism in Professor Myrdal's evaluation ("An international economy. Problems and prospects [in English by Gunnar Myrdal. Reviewed by IA. Kotkovskii, V. Rymalov). Mezhdunar. zhizn' no. 11:135-139 N '56.

ECONOMIC GEOGRAPHY see subdivision under Karelia; Siberia; White Russia

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC POLICY

Preparing the collection "Socialist planning of the national economy." Plan. khoz. no. 5:91 '56.

ECONOMICS

For objective reasoned criticism. T. Sokolov, N. IUr'ev. Kommunist 33 no. 15:123-128 O '56.

Origin of commodity production [in Azerbaijani with summary in Russian]. A. Kasumov. Uch. zap. AGU no. 7:103-116 '55.

Pliner, M.D. [Accounting on a business basis and profitableness. Cost and price] Khozialstvennyi raschet i rentabel'nost'. Sebestoimost' i tsena. [Leningrad- Izd-vo Leningradskogo univ., 1956. 54 p.

Production of goods and the law of value in the period of transition from capitalism to socialism. A. P. Mamaiul. Uch. zap. KHGU 63:5-42 '55.

Sufimov, I. A. [Economic law of the preferential development of the production of the means of production] Ekonomicheskii zakon preimushchestvennogo rosta proizvodstva sredstv proizvodstva. Moskva, Izd-vo "Znanie," 1956. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 54)

ECONOMICS—HISTORY

TSagolov, N.A. [Studies on Russian economic thought in the period of the decline of serfom] Ocherki russkoi ekonomicheskoi mysli perioda padeniia krepostnogo prava. Moskva, Gos. izd-vo polit. lit-ry, 1956. 464 p.

ECONOMICS—PERIODICALS see subdivision under China

ECONOMICS—STUDY AND TEACHING

(see also subdivision under Ukraine)

Improve the organization of political economy teaching for correspondence students. S. V. Sharutin. Vest. vys. shkoly 14 no. 11:16-19 N '56.

The planning of research in economics and finance in the U. S. S. R. P. L. Kovan'kovskii. Obz. vazhn. sob. SSSR 3 no. 102:19-27 D '56.

EDISON, THOMAS ALVA, 1847-1931

Thomas Alva Edison. L. D. Bel'kind. Svetotekhnika 2 no. 6:29-30 N '56.

EDITORIALS

In the first columns of an issue. M. Kurtynin. Sov. pech. no. 11:21-22 N '56.

EDUCATION

(see also subdivision under China; Italy; Kabardia; Karelia; Korea, North; Moscow; Russia, Northern; Turkestan; Ukraine; White Russia)

For broad initiative in school matters. Nar. obr. no. 10:3-8 O '56.

A glance at the foreign press. Nar. obr. no. 11:84 N '56.

Good initiative and useful deeds. Nar. obr. no. 10:77-79 O '56.

Good initiative and useful deeds. Nar. obr. no. 11:77 N '56.

Index of articles in "Sovetskaia pedagogika" during 1956. Sov. pedag. 20 no. 12:124-128 D '56.

"The new era in education" [in English] by I. L. Kandel. Reviewed by M. S. Bernshtein. Sov. pedag. 20 no. 12:103-112 D '56.

Overcome completely the consequences of the cult of the individual in educational work. E. Afanas'enko. Nar. obr. no. 11:11-15 N '56.

Paging through the foreign press. Nar. obr. no. 10:85 O '56.

Read it yourself and recommend it to a teacher. Nar. obr. no. 11:71 N '56.

The relationship between a child's training and development. G. S. Kostiuk. Sov. pedag. 20 no. 12:60-74 D '56.

Theater and school. Teatr. 17 no. 10:175 O '56.

Triumph of the ideas of the Great October Socialist Revolution. Nar. obr. no. 11:3-10 N '56.

Use originality in solving educational problems. Z. Fedurova. Prof.-tekh. obr. 13 no. 11:3-5 N '56.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—FINANCE

Regularizing expenditures for maintenance of general schools. K. Subbotina. Fin. SSSR 17 no. 11:48-54 N '56.

EDUCATION—HISTORY

Interesting manual on the history of education ("History of education" [in Czech]. Reviewed by G. Kasvin, A. Piskunov). Nar. obr. no. 11:85-88 N '56.

EDUCATION—PERIODICALS

(see also subdivision under White Russia)

Read it yourself and recommend it to a teacher. Nar. obr. no. 10:72 O '56.

EDUCATION—STUDY AND TEACHING see subdivision under Ryazan

EDUCATION, COMMUNIST see Communist education

EDUCATION, COOPERATIVE

Industrial training continues to lag. S. I. Zenov'ev. Vest. vys. shkoly 14 no. 11:44-48 N '56.

Training workers in contact with industry is a matter of everyday concern. Nar. obr. no. 10:18-21 O '56.

EDUCATION, ELEMENTARY

(see also subdivision under Sandata)

Nikolaev, P.N. [Manual for teachers of elementary schools working with several classes] V pomoshch' uchiteliu nachal'noi shkoly, rabotaiushchemu s neskol'kimi klassami. Cheboksary, Gos. izd-vo Chuvashskoi ASSR, 1956. 103 p.

The transition between the fourth and fifth grades. A. Novokreshchenova, A. Prokof'eva. Nar. obr. no. 10:33-35 O '56.

EDUCATION, ELEMENTARY—PERIODICALS

Treatment of education in the periodical "Nachal'naia shkola." I. Mar'enko. Nar. obr. no. 10:69-70 O '56.

EDUCATION, HIGHER see subdivision under Ukraine

EDUCATION, INDUSTRIAL see Technical education

EDUCATION, MORAL see Moral education

EDUCATION, PHYSICAL see Physical education and training

EDUCATION, PRESCHOOL see subdivision under Artemovsk; Rovno; Tuapse Province; Ukraine; Yalta

EDUCATION, SCIENTIFIC see Science—Study and teaching

EDUCATION, VISUAL see Visual education

EDUCATION, VOCATIONAL see Vocational education

EDUCATION OF ADULTS see Adult education

EDUCATION OF CHILDREN
Agricultural work of students. Z. L. Serebrianskii, E. G. Sorokina. Est. v shkole no. 6:3-8 N-D '56.

EDUCATION OF CHILDREN—BIBLIOGRAPHY see Bibliography—Education of children

EDUCATION OF CHILDREN—OCCUPATIONS AND BUSY WORK
(see also subdivision under Yolots)
Some problems in teaching children to paint. V. Zakharova. Doshk. vykh. 17 no. 11:14-17 N '56.

EDUCATIONAL ADMINISTRATION see School management and organization

EDUCATIONAL PSYCHOLOGY
A useful book for teachers "Student psychology outline" by M. N. Shardakov. Reviewed by Z. Parshina). Nar. obr. no. 11:68-70 N '56.

EDUCATIONAL RESEARCH
In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 10:73-74 O '56.
Methods of educational research. L. V. Zankov. Sov. pedag. 20 no. 12:3-13 D '56.

EELS
The enigma of eels. S. V. Kokhanenka. Biarozka 33 no. 11:26-27 N '56.

EFFICIENCY, INDUSTRIAL
(see also subdivision under Gorkiy Province; Koren, North; Tula Province)
Creating conditions for the mass introduction of progressive practice. D. Rosinal'. Sots. trud no. 9:81-84 S '56.
Creative initiative of workers and specialists is an inexhaustible source of technological progress. Stroi. pred. neft. prom. 1 no. 8:1-2 O '56.
Discussion of problems of labor organization and wages. Avt. transp. 34 no. 11:5 N '56.
Fomichev, M. I. [Greater production from every square meter of working area] Bol'she produktsii s kazhdogo kvadratnogo metra proizvodstvennoi ploshchadi. [Ivanovo] Ivanovskoe kn-vo, 1956. 59 p.
Korzun, P. P., and N. I. Stodkevich. [Planning operations and production in machine building plants; organization by work schedules] Operativno-proizvodstvennoe planirovanie na mashinostroitel'nom zavode; organizatsiia raboty po grafiku. Pod red. E. A. Satelia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 191 p.
Viasov, B. V. [Reducing labor expenditure in accessory work in industry] Sokrashchenie zatrat truda na vspomogatel'nykh rabotakh v promyshlennosti. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 8)

EGGPLANT see subdivision under Cholyabinsk Province

EGGS
Device for determining the strength of egg shells. P. A. Osetrov. Ptitsevodstvo 6 no. 11:42-43 N '56.
Fungicidal properties of the protein layer in the chicken egg. G. F. Korotkova. Biul. eksp. biol. i med. 42 no. 10:69-71 O '56.

EGYPT—COMMERCE
Foreign trade of Egypt in 1953-1955 [with summary in English, pp. 31-32]. P. Tret'iakov. Vnesh. torg. 36 no. 10:19-23 O '56.

EGYPT—COMMERCE—RUMANIA
Conclusion of a long-term agreement between Rumania and Egypt. Vnesh. torg. 36 no. 10:24 O '56.

EGYPT—CONSTITUTION
Egypt. Constitution. [Constitution of the Republic of Egypt] Konstitutsiia Respubliki Egipta. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 31 p.

EGYPT—GEOGRAPHY
Dement'ev, I. A. [Egypt; a geographical sketch] Egipet; geograficheskii ocherk. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 46 p. (U karty mira)

EGYPT—LIBRARIES
In the libraries of Cairo and Alexandria. V. I. Shunkov. Vest. AN SSSR 26 no. 11:83-86 N '56.

EGYPT—PRESS
In the fight for national independence. Mohamed Mandour. Sov. pech. no. 11:45-46 N '56.

EGYPT—RELATIONS (GENERAL) WITH RUSSIA
For Egypt's people. Sov. Soiuz no. 12:4 D '56.

EGYPTIAN TALES see Tales, Egyptian

EINSTEIN, ALBERT, 1879-1955
A. Einstein and modern physics. I. E. Tamm. Usp. fiz. nauk 59 no. 1:5-10 My '56.
Albert Einstein and light quanta. Max Born. Usp. fiz. nauk 59 no. 1:119-134 My '56.
An autobiography. Albert Einstein. Usp. fiz. nauk 59 no. 1:71-105 My '56.
My recollections of Einstein. Leopold Infeld. Usp. fiz. nauk 59 no. 1:135-164 My '56.
Notes on Albert Einstein's autobiography. V. A. Fok. Usp. fiz. nauk 59 no. 1:107-118 My '56.

EISENSTEIN, SERGEI MIKHAILOVICH, 1898-1948
Art which one doesn't forget. Paul Rotha. Inostr. lit. no. 11:188-189 N '56.

EKK, NIKOLAI VLADIMIROVICH, 1848-1908
An outstanding Russian surgeon, Nikolai Vladimirovich Ekk; 1848-1908. V. N. Mel'nikova. Vest. khir. 77 no. 10:134-139 O '56.

ELASTIC FABRICS
Experimental determination of the rigidity of rubber-fabric diaphragms [with English summary in insert]. V. P. Temnyi. Aviom. i telem. 17 no. 11:1042-1045 N '56.

ELASTIC PLATES AND SHELLS
Approximate calculation of orthotropic plates. V. S. Gumeniuk. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:69-80 '56.
Calculating fixed beams-walls. M. I. Dlugach. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:81-102 '56.
Calculating rectangular plates with fixed edges. P. M. Varvak, I. O. Guberman. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:51-68 '56.
Free vibrations in plates of variable thickness. V. S. Gumeniuk. Dop. AN URSR no. 2:130-133 '56.
Large sags and the strength of a sloping envelope of double curvature hinged on all sides. O. O. Nazarov. Dop. AN URSR no. 4:349-352 '54.
Principal deformation lines on the inner surfaces of shells. S. V. Abramovich. Nauch. trudy NPI 26: 431-435 '55.
Solving a plane problem for rectangular orthotropic plates in the theory of elasticity. L. N. Vorob'ev. Nauch. trudy NPI 26:120-131 '55.

ELASTIC RODS AND WIRES
Determining elastic-plastic displacements in rod systems. A. I. Vinogradov. Trudy KHIIT no. 26:5-38 '56.
Effect of the shear of the inner surface on the intensity of deformations and stresses in thin-walled rods with open cross section and nondeformable contour. L. N. Vorob'ev. Nauch. trudy NPI 26:92-111 '55.
Longitudinal and transverse bending of double-seal rods. G. G. Verbovskii. Trudy KHIIT no. 26:39-65 '56.
Residual sagging in rod systems beyond the elastic limit. V. G. Vasil'ev. Trudy KHIIT no. 26:213-234 '56.

ELASTIC SOLIDS
On the possibility of increasing the stability of elastic systems by means of vibrations. V. N. Chelomei. Dokl. AN SSSR 110 no. 3:345-347 S '56.

ELASTIC WAVES
Rotation of the plane of polarization of elastic shear waves. K. S. Aleksandrov, V. IA. Khaimov-Mal'kov. Kristallografiia 1 no. 3:373-374 '56.

ELASTICITY
Determining stresses by the web method for bodies having various elastic constants (plane problem). G. M. Spirin. Izv. Inst. gidrol. i gidr. AN URSR no. 14:96-105 '56.
Determining temperature stress in case of a plane problem of the theory of elasticity. I. IA. Amiro. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:44-50 '56.
Dynamic stress in sudden loading of the lower end of a mine cable in relation to polynomials analogous to Laguerre polynomials. I. M. Denysiuk. Dop. AN URSR no. 2:127-129 '56.
Investigating the notion of thin-walled channel bar sections beyond the elastic limit. A. I. Strel'bitskaia. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:14-26 '56.
Permissible compression force on a railroad car. V. G. Andrievskii. Trudy KHIIT no. 26:235-242 '56.
Reducing a problem concerning volumetric forces of dead weight to a problem of contour loading for domains having various elastic constants. L. I. Diatlovitskii, G. M. Spirin. Izv. Inst. gidrol. i gidr. AN URSR no. 14: 93-95 '56.
Torsion in a beam of T-cross section made of two different materials welded at the edge of contact. B. N. Rachinskii. Trudy TASHIIT no. 6:221-233 '56.

ELASTICITY—MEASUREMENT
Instrument for measuring the elastic moduli of crystals. K. S. Aleksandrov, O. V. Nosikov. Akust. zhur. 2 no. 3:244-247 Jl-S '56.

ELBOW—DISLOCATION
Technic in setting backward dislocations of the elbow. G. B. Estrin. Ortop., travm. i protez. 17 no. 1:39-40 Ja-F '56.

ELBRUS, MOUNT—VOLCANIC ASH, TUFF, ETC.
New data on recent volcanism and the history of the development of the relief of Mount Elbrus and the adjacent region. E. E. Milanovskii. Biul. MOIP, Otd. geol. 31 no. 4:99 Jl-Ag '56.

ELECTIONS see subdivision under Korea, North; Sweden

ELECTRIC ANESTHESIA
Electric sleep for treating hypertension. G. V. Sergeev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:39-45 O-D '56.

ELECTRIC APPARATUS AND APPLIANCES
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Electric equipment industry.] Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' nos. 36-39 S-O '56.
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Electric equipment industry.] Ekspress-informatsiia. Seriia: Elektrotekhnicheskaia promyshlennost' nos. 1-2 Ja '57.

ELECTRIC BUS BARS
Inductances of bus bars of rectangular cross section during sharply defined skin effect. L. A. TSeitlin. Elektrichestvo, no. 11:43-50 N '56.
Welding bus bars and their branches in switchgear in electric stations and substations. Prom. energ. 11 no. 11:29-30 N '56.

ELECTRIC CABLES
Dynamics of cable reel systems during the process of letting out cables from a moving electric tractor. V. V. Ivanov. Nauch. trudy MAMI no. 3:5-20 '55.
Multilayer combination shields for communication cables. I. I. Grodnev, K. A. Liubimov, E. F. Ukstin. Elektrosviaz' 10 no. 12:48-56 D '56.
Pressure jointing of connections and terminations of aluminum wire and cable cores. G. E. Khromchenko, L. A. Komissarov, A. S. Ratnikov. Energetik 4 no. 11: 9-11 N '56.
Protecting communication cables from soil corrosion on alternating current electric railroads. V. S. Artamonov. Vest. TSNII MPS 15 no. 2:37-40 S '56.
Vorontsov, F. F. [Selecting the proper gage of wire and cable for electric wiring] Vybor sechenii provodov i kabelei dlia elektroprovodok. Izd. 3-e, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 110 p.

ELECTRIC CABLES—TESTING
Measuring leakage currents while testing cables by rectified high-voltage current. D. I. Mikhailov. Nauch. trudy NPI 26:341-349 '55.

ELECTRIC CIRCUITS
Comparison of statistical and nonstatistical predictions. R. A. Kazarian. Radiotekhnika 11 no. 10:13-17 O '56.
Protection of steel circuits from each other and from nonferrous metal circuits. P. K. Akul'shin. Elektrosviaz' 10 no. 11:44-51 N '56.

ELECTRIC COILS
Inductance coil with core made of carbonyl iron. A. Irzhavskii, L. Funshtein. Radio no. 11:54-59 N '56.
"Selection, installation and use of arc-suppression coils" by F. A. Likhachev. Reviewed by N. N. Pavlov. Elek. sta. 27 no. 10:63 O '56.
Winding high quality circuit coils. V. Kroshkin. Radio no. 11:29 N '56.

ELECTRIC CONDENSERS see Condensers (Electricity)

ELECTRIC CONDUCTIVITY see Superconductivity

ELECTRIC CONDUCTORS
Nonlinear properties of bimetallic conductors containing ferromagnetic material. I. E. Efimov. Elektrosviaz' 10 no. 12:57-66 D '56.
Resistance of steel conductors during short-circuit currents and its simplest analytical expression. L. M. Pershina. Trudy Inst. energ. AN Uz. SSR no. 8:144-152 '55.
Soldering aluminum conductors. A. G. Shikher, S. N. Guseva, S. V. Radilov. Prom. energ. 11 no. 11:9-11 N '56.
Surface effect of the current in conductors with rectangular cross section. V. M. Alekhin. Nauch. trudy NPI 26:316-320 '55.
Wider use of wires with aluminum strands. M. I. Kireev. Prom. energ. 11 no. 11:30 N '56.

ELECTRIC CONDUITS

Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. [Instructions for economizing steel tubing in the design and installation of electric apparatus] Ukazaniia po ekonomii stal'nykh trub pri proektirovanii i montazhe elektrotekhnicheskikh ustanovok (U 146-55/ MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit.i arkhitekture, 1956. 5 p.

ELECTRIC CONTROL—REMOTE see Remote control

ELECTRIC CURRENT CONVERTERS

Basic characteristics of an inverter with additional regulating electromotive force in the open three-terminal network of a transformer. N. A. Troitskii. Trudy Inst. energ. AN Uz. SSR no. 6:3-42 '55.

Gershgal, D. A. [Design and construction of vibratory converters] Raschet i konstruirovanie vibropreobrazovatelei. Moskva, Izd-vo DOSAAF, 1956. 129 p.

Single-phase three-phase current converter. T. N. Metliaev. Fiz. v shkole 16 no. 6:58-60 N-D '56.

Use of one arrangement of conversion to study an asynchronous drive supplied by an electronic converter. M. Z. Khamudkhanov. Trudy Inst. energ. AN Uz. SSR no. 6:103-121 '55.

ELECTRIC CURRENT RECTIFIERS

Aspects of the operation of a compounding arrangement for synchronous generators. I. S. Kurdiani, O. K. Khomeriki. Elektrichestvo, no. 11:62-64 N '56.

Compounding mercury rectifiers for traction substations. S. D. Sokolov. Trudy TSNII MPS no. 123:56-69 '56.

The effect of traction substations with mercury current rectifiers on a. c. and rectified current networks. M. D. Treivas, V. B. Lapin. Trudy TSNII MPS no. 123: 70-90 '56.

Stabilized thyratron rectifier with amplitude control. A. V. Donskoi, G. V. Ivanskii. Elektrichestvo, no. 11: 37-42 N '56.

Theory of metal-semiconductor contacts. S. U. Umarov, L. G. Gurvich. Trudy FTI AN Uz. SSR 6:20-33 '55.

ELECTRIC CURRENTS

Some hydrodynamical phenomena accompanying the passage of current through insulating liquids. G. A. Ostroumov. Zhur. eksp. i teor. fiz. 30 no. 2:282-288 F '56.

ELECTRIC CURRENTS—GROUNDING

Change in point 59 of "Regulations for the use and testing of protective devices used in electrical installations." Prom. energ. 11 no. 11:29 N '56.

ELECTRIC CURRENTS, ALTERNATING

All-Union conference on problems in the utilization of alternating operative currents. P. M. Mel'nyk. Visnyk AN URSR 27 no. 11:49-54 N '56.

ELECTRIC CURRENTS, ALTERNATING—STUDY AND TEACHING

Apparatus for experiments with three-phase current. P. G. Liseiko. Fiz. v shkole 16 no. 6:55-57 N-D '56.

ELECTRIC CURRENTS, LEAKAGE

Protecting water pipelines from vagrant currents. I. Baron. Zhil.-kom. khoz. 6 no. 6:21 '56.

ELECTRIC CUTOUTS

Rapid acting cut-out switch for railroad motorcars. G. A. Petrov. Trudy TSNII MPS no. 123:5-12 '56.

ELECTRIC DISCHARGES THROUGH GASES

"Contract" phenomena in plasma. L. A. Sena, N. S. Taube. Zhur. eksp. i teor. fiz. 30 no. 2:287-290 F '56.

The decisive factor of the oscillatory characteristics of a plasma and the consideration of the influence of the gas atoms on these characteristics. I. P. Bazarov. [illegible] 30 no. 2:426 F '56.

[illegible]oltage d. c. arcs in argon at[illegible]esnikov, V. V. Bogdanova. Opt. i [illegible] N '56.

[illegible] brightness of pulse discharge [illegible]harnais. Opt. i spektr. 1 no. 7: [illegible]

[illegible]g drive for the cable drum of [illegible]I. Ivakhnenko, I. K. Parra, E. M. [illegible]t. elektrotekh. AN URSR no. 14: [illegible]

[illegible]ument diagram of an electric [illegible]cimatic cycle. A. M. Razygraev. [illegible]5-20 N '56.

[illegible]ler Sweden)

[illegible]ams of the connection of three-[illegible]ltmeter method. A. I. Novose-[illegible]28-31 N '56.

[illegible]trician" by V. E. Odintsov. [illegible]alov. Elektrichestvo, no. 11: [illegible]

[illegible]o promote industrial methods [illegible]Reikhel'. Prom. energ. 11 [illegible]

Teleshev, B.A. [Electric engineering] Elektrotekhnika. Moskva, Gos. energ. izd-vo, 1956. 496 p.

Venikov, V.A., and A.V.Ivanov-Smolenskii. [Use of models in designing electric systems] Fizicheskoe modelirovanie elektricheskikh sistem. Moskva, Gos. energ. izd-vo, 1956. 358 p.

Vrublevskii, A. V., and others. [Electric engineering; a manual for privates and noncommissioned officers] Elektrotekhnika; uchebnik dlia soldat i serzhantov. Izd. 2-oe, ispr. i dop. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 341 p.

"Ways of economizing on electricity in construction." by A. B. Topolianskii. Reviewed by A. D. Barinberg. Mekh. stroi 13 no. 11:3 of cover N '56.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—MATERIALS

Industrial application of "variconds" [seignettoceramic capacitors]. T. N. Verbitskaia. Elektrichestvo, no. 11: 68-74 N '56.

ELECTRIC ENGINEERING—SAFETY APPLIANCES

Replies to N. F. Burzhinskii's article "Articles from protection against electric current." B. Z. Vainshtein and others. Energetik 4 no. 11:11-15 N '56.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Letters to the editor. A. M. Zaleaskii. Vest. elektroprom. 27 no. 11:72 N '56.

ELECTRIC FURNACES

Circle diagram of an arc smelting furnace. N. A. Markov. Elektrichestvo, no. 11:20-23 N '56.

ELECTRIC GENERATORS
(see also subdivision under United States)

Aspects of the operation of a compounding arrangement for synchronous generators. I. S. Kurdiani, O. K. Khomeriki. Elektrichestvo, no. 11:62-64 N '56.

Calculating the characteristics of low-capacity single-phase synchronous generators operating in an arrangement for output voltage stabilization. L. M. Palastin. Vest. elektroprom. 27 no. 11:40-47 N '56.

Calculating the load of a generator for dielectric heating with continuous feed of material into its condenser. Iu. S. Pershin. Trudy Inst. energ. AN Uz. SSR no. 6: 122-143 55.

Electric generating installation for feeding cathodic protection stations for gas pipelines. M. S. Brekhman, V. I. Gorodetskii. Gaz. prom. no. 6:31-33 Je '56.

Hydraulic generators for the Kama Hydroelectric Power Station. K. F. Kostin. Vest. elektroprom. 27 no. 11: 30-35 N '56.

Industrial method of locating turn-to-turn faults in the rotor windings of turbogenerators. V. K. Ferroni. Vest. elektroprom. 27 no. 5:58-59 My '56.

Installing generator stators without a crane. G. T. Vinogradov. Elek. sta. 27 no. 10:45-57 O '56.

Mechanical automatization of series-excitation motors with engine-generator feedback systems. V. A. Abakumov. Trudy Sib. met. inst. no. 2:159-172 '55.

Parameters of hydraulic generators of the Kama Hydroelectric Power Station. Z. B. Neiman. Vest. elektroprom. 27 no. 11:35-37 N '56.

Self-regulating generator. V. N. Skugorov. Elektrichestvo, no. 11:74-76 N '56.

Special problems in operating GBF-4600 and GBF-4105 generators. N. Knizev. MTS 10 no. 10:44-45 O '56.

Use of solid poles in large hydraulic generators. I. M. Posnikov, V. S. Borushko, V. M. Pavlov. Vest. elektroprom. 27 no. 11:38-40 N '56.

ELECTRIC GENERATORS—REPAIRING

Simultaneous machining of commutators of two generators used as the main drives of rolling mills. V. A. Abakumov. Trudy Sib. met. inst. no. 2:173-175 '55.

ELECTRIC HEATING

Systems of three-position temperature control in installations employing electric heating. A. A. Kampe-Nemm. Vest. elektroprom. 27 no. 5:53-55 My '56.

ELECTRIC INSTRUMENTS

Conference on electric measurements and instrument manufacturing. V. P. Sigorskii. Vest. elektroprom. 27 no. 5:74-76 My '56.

Device for potentiometric titration. E. I. Vail', V. A. Kremer, E. F. Rybalko. Zav. lab. 22 no. 9:1116-1118 '56.

Low-voltage equipment of the stadium. M. B. Lebedinskii, I. I. Shvarts, G. A. Frenkel'. Gor. khoz. Mosk. 30 no. 9:23-26 S '56.

New instruments for testing insulating materials. P. S. Boguslavskii. Elektrichestvo, no. 11:90-91 N '56.

Screwdriver voltage indicator. V. S. Oleinik. Energetik 4 no. 11:31-32 N '56.

Self-compensating coercive force meter with magnetic amplifier. L. A. Fridman, V. P. Ankudinova. Zav. lab. 22 no. 9:1108-1110 '56.

Thermoelectric method of determining iron in bimetallic (copper-steel) ingots and in wire. P. D. Korzh. Zav. lab. 22 no. 9:1076-1078 '56.

Using indicators of ohmic resistance for measuring axial stresses in bolts. L. G. Rotnitskaia, L. P. Karasev. Zav. lab. 22 no. 7:856-857 '56.

ELECTRIC INSULATORS AND INSULATION
(see also subdivision under Ural Mountain region)

Cast insulation from epoxy resin. K. A. Andrianov and others. Vest. elektroprom. 27 no. 11:47-53 N '56.

Conference of directors and chief engineers of insulator plants. G. M. Korchemnyi. Vest. elektroprom. 27 no. 5:69-70 My '56.

Electric and mechanical characteristics of SP-110 stick insulators. E. V. Kalinin. Elek. sta. 27 no. 10:55-57 O '56.

Investigation of SP-110 stick insulators. V. F. Voskresenskii. Elek. sta. 27 no. 10:58-59 O '56.

Mechanization and automation of the varnish insulation section in the line for continuous manufacturing of armatures for direct-current machines. N. IA. Polleskii and others. Vest. elektroprom. 27 no. 11:5-14 N '56.

Operational reliability of SP-110 stick insulators. V. G. Kotelevtsev, G. I. Lysenkovskii. Elek. sta. 27 no. 10: 57-58 O '56.

Use of silicon organic compounds to protect electric insulation against moisture. S. A. IAmanov. Vest. elektroprom. 27 no. 11:64-69 N '56.

Winding insulators on pins. Stroitel' 2 no. 9:15 Ag '56.

ELECTRIC INSULATORS AND INSULATION—TESTING

Detection of defective insulators by means of radiation. V. I. Vinokurov, P. M. Svi. Elektrichestvo, no. 11:80 N '56.

Electric strength of stator winding insulation in 6 -6, 6 kv electric machines. M. S. Kalinina. Elek. sta. 27 no. 10:50 O '56.

New instruments for testing insulating materials. P. S. Boguslavskii. Elektrichestvo, no. 11:90-91 N '56.

Testing interturn insulation of high-voltage electric motors. V. I. Lebedeva, A. A. Timofeenko. Elek. sta. 27 no. 10:54-56 O '56.

ELECTRIC LAMPS

Calculation of illumination according to specific wattage. G. M. Knorring. Svetotekhnika 2 no. 6:11-13 N '56.

Lighting tracks with nitroelectrolamps. M. Grits'. Konevodstvo 26 no. 12:40 D '56.

Sources of ultraviolet radiation. V. M. Skobelev. Svetotekhnika 2 no. 6:22-24 N '56.

ELECTRIC LAMPS, ARC

A new high-brightness hydrogen lamp. I. I. Konditenko, M. P. Liaitsis. Nauk. zap. Kiev. un. 13 no. 7:131-143 '55.

Xenon lamps of high and very high pressure. Svetotekhnika 2 no. 6:30-31 N '56.

ELECTRIC LAMPS, INCANDESCENT

Stabilizing properties of incandescent lamps. I. I. Balog. Nauch. trudy MPI no. 4:105-203 '56.

ELECTRIC LIGHTING
(see also subdivision under Moscow)

Arrangement of the electrical part of local lighting apparatus. K. K. Balashev. Svetotekhnika 2 no. 6:25-26 N '56.

Letter to the editor. D. A. Zil'ber, N. V. Veloiskoi, V. V. Teliat'ev. Svetotekhnika 2 no. 6:28-30 N '56.

Principles of lighting athletic installations in the Lenin Central Stadium. N. V. Gorbachev, V. M. TSar'kov. Svetotekhnika 2 no. 6:1-8 N '56.

ELECTRIC LINES

Changes in the "Bulletin for the use of cable power lines up to 35 kv inclusive." Prom. energ. 11 no. 11:29 N '56.

Conditions for approximating overhead and cable communication lines to supervoltage d. c. transmission lines. M. I. Mikhailov, K. K. Nikol'skii. Elektrosviaz' 10 no. 11:65-75 N '56.

Construction of transmission lines in the sixth five-year plan (1956-1960). V. V. Gul'denbal'k. Energetik 4 no. 11:7-8 N '56.

Mechanism of losses in ice-covered high-frequency communication lines. I. M. Metler. Elektrosviaz' 10 no. 11:76-77 N '56.

Method for determining the line of direction in laying out straight-line poles of transmission lines. V. D. Bol'shakov. Elek. sta. 27 no. 10:47-48 O '56.

Optimum angle of branching in electric systems. V. K. Pliugachev, A. V. Isaenko. Elektrichestvo, no. 11:76-78 N '56.

Protection of steel circuits from each other and from nonferrous metal circuits. P. K. Akul'shin. Elektrosviaz' 10 no. 11:44-51 N '56.

Use of reinforced concrete foundations for transmission lines on wooden poles. Prom. energ. 11 no. 11:29 N '56.

ELECTRIC LINES—MAINTENANCE AND REPAIR

Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Tekhnicheskoe upravlenie. [Instructions for the repair of live electric transmission lines of 35-220 kv.] Instruktsii po remontu linii elektroperedachi 35-220 kv, nakhodiashchikhsia po napriazheniem. Moskva, Gos. energ. izd-vo,
Pt. 3. [Installation and removal of tubular dischargers on 35 and 110kv. lines] Ustanovka i sniatie trubchatykh razriadnikov na liniiakh 35 i 110 kv. 1956. 22 p.

ELECTRIC LINES—OVERHEAD

Investigation of lightning protection of transmission lines with ground wires. V. V. Burgsdorf. Elektrichestvo, no. 11:8-14 N '56.

Note on "Regulations for arranging transmission lines where they intersect and approach overhead communication and signaling lines." Elek. sta. 27 no. 10:60 O '56.

Steel wire for overhead electric lines. O. M. Honelin, M. S. Levin. Mekh. sil'. hosp. 7 no. 11:32 N '56.

ELECTRIC LOCOMOTIVES

Differential protection for electric locomotives. A. V. Plaks, V. I. Nekrasov. Zhel. dor. transp. 38 no. 11: 64-66 N '56.

Measuring the angular acceleration of electric locomotive armatures. O. F. Gornov. Zhel. dor. transp. 38 no. 11:70 N '56.

A much needed book on electric locomotives ("The electric locomotive" by V. A. Rakov, P. K. Ponomarenko. Reviewed by V. B. Medel', L. P. Tomfel'd, A. I. Aksenov). Zhel. dor. transp. 38 no. 11:90-93 N '56.

Results of experimental use of roller bearing axles on electric locomotives. I. M. Semenov. Vest. TSNII MPS 15 no. 1:36-40 Ag '56.

System of cab supports for new types of main line electric locomotives. N. N. Sidorov, B. V. Suslov. Vest. TSNII MPS 15 no. 1:41-45 Ag '56.

Utilizing trailing weight of type 2-2 electric locomotives. E. T. Grigor'ev, A. I. Kravchenko. Vest. TSNII MPS 15 no. 2:22-25 S '56.

ELECTRIC MACHINERY

Commutation in direct-current machines. B. K. Tur. Elektrichestvo, no. 11:30-33 N '56.

El'kind, IU.M. [Circuits and systems for selfsynchronization of synchronous machinery] Skhemy i ustroistva dlia samosinkhronizatsii sinkhronnykh mashin. Moskva, Gos. energ. izd-vo, 1956. 207 p.

Graphic calculation of transient processes in multistage excitation systems for electric machines with feedback and nonlinearities. A. V. Basharin. Vest. elektroprom. 27 no. 5:50-55 My '56.

In the Technical Council of the Ministry of the Electric Industry. L. L. Pantiukhov. Vest. elektroprom. 27 no. 5:71-73 My '56.

In the Technical Council of the Ministry of the Electric Machinery Industry. Vest. elektroprom. 27 no. 11: 76-78 N '56.

Photoelectric method of investigating and adjusting commutation in electric machines. Ill. E. Nebolubov. Elektrichestvo, no. 11:34-37 N '56.

Practical method of calculating the zone of asynchronous self-excitation of electric machines. N. A. Poliak. Elektrichestvo, no. 11:23-20 N '56.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Rivlin, L. B. [The maintenance of electrical equipment in shops] Obsluzhivanie tsekhovogo elektrooborudovaniia. Izd. 4-oe, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 294 p.

ELECTRIC MACHINERY—STANDARDS

New specifications for electric machines. G. S. Ptis. Elektrichestvo, no. 11:82-85 N '56.

ELECTRIC MACHINERY INDUSTRY

Against vulgar simplification in the treatment of economic problems of the electric industry ("Economics and organization of production in the electric industry." V. N. Gen. Reviewed by E. M. Pel'tsman). Vest. elektroprom. 27 no. 5:76-80 My '56.

In the Collegium of the Ministry of the Electric Machinery Industry. Vest. elektroprom. 27 no. 11:73-76 N '56.

Industrial efficiency and progressive technology in plants under the Office of Electrical Apparatus. E. Kuritskii. Vest. elektroprom. 27 no. 11:78-80 N '56.

Machine molding of frames of the thirteenth bulk category using green cores. I. L. Faitel'son. Vest. elektroprom. 27 no. 5:48-52 My '56.

More attention to the economics of production. Vest. elektroprom. 27 no. 5:1-4 My '56.

Scientific and industrial conference on new technical developments and the outlook for their application in power supply and industrial electrical equipment. A. A. Tatts. Prom. energ. 11 no. 11:33-35 N '56.

Task of great national importance. Vest. elektroprom. 27 no. 11:1-4 N '56.

ELECTRIC MACHINERY INDUSTRY—ACCOUNTING

Organization of business accounting in the various shops of the Vladimir Ilich Plant. V. A. Pankratov. Vest. elektroprom. 27 no. 5:17-19 My '56.

ELECTRIC MACHINERY INDUSTRY—PRODUCTION STANDARDS

In the drive to improve economic indexes. I. N. Mironov. Vest. elektroprom. 27 no. 5:5-16 My '56.

ELECTRIC MEASUREMENTS

Conference on electric measurements and instrument manufacturing. V. P. Sigorskii. Vest. elektroprom. 27 no. 5:74-76 My '56.

Industrial method of locating turn-to-turn faults in the rotor windings of turbogenerators. V. K. Ferroni. Vest. elektroprom. 27 no. 5:56-59 My '56.

Simple method for increasing the precision of capacitance meters used for measuring the moisture of raw cotton. V. V. Kazanskii, N. V. Kordub, E. E. Petushkov. Trudy FTI AN Uz. SSR 6:78-81 '55.

ELECTRIC METERS

Demonstration model of the asynchronous motor and electric meter. G. B. Aver'ianov. Fiz. v shkole 16 no. 6:53-54 N-D '56.

TS50 vector meter. Vest. elektroprom. 27 no. 5:66 My '56.

ELECTRIC MOTORS

Design characteristics of high-speed electric motors. L. N. Shashanov. Vest. elektroprom. 27 no. 11:14-17 N '56.

Developments in the stamping of stator and rotor laminations for electric motors. V. V. Usenko. Vest. elektroprom. 27 no. 11:28-30 N '56.

Electric motors of the standard all-Union series for size classes 10 and 11. Prom. energ. 11 no. 11:40 N '56.

How to prevent burning of electric motors in incubators. S. N. Antonovich. Pitisevodstvo 6 no. 11:33 N '56.

Mechanical dismantling of stamped iron stators and rotors. B. A. Kurdin. Strot. i dor. mashinostr. no. 11:36 N '56.

Mechanization and automation in manufacturing electric motors at the "Vol'ta" Plant. A. I. Frishman, M. V. Prokhorov. Vest. elektroprom. 27 no. 11:17-21 N '56.

Power characteristics of pumping unit drives with motors of the AOP and AOS series. M. I. Mel'nikov. Energ. biul. no. 11:8-14 N '56.

Wear resistance of disk brakes built into electric motors. G. O. Feller, B. P. Vil'man. Vest. elektroprom. 27 no. 11:60-64 N '56.

ELECTRIC MOTORS—QUALITY CONTROL

Statistical quality control of electric motors in serial production. T. G. Soroker, O. D. Gol'dberg. Vest. elektroprom. 27 no. 5:19-25 My '56.

ELECTRIC MOTORS—STARTING DEVICES

Defects of magnetic starters now being produced. V. A. Shofer. Energetik 4 no. 11:16 N '56.

ELECTRIC MOTORS, DIRECT CURRENT

Analytic expression of speed characteristics of d.c. motors with series excitation. V. A. Abakumov. Trudy Sib. met. inst. no. 2:149-156 '55.

Mechanical automatization of series-excitation motors with engine-generator feedback systems. V. A. Abakumov. Trudy Sib. met. inst. no. 2:159-172 '55.

ELECTRIC MOTORS, INDUCTION
(see also subdivision under United States)

Alternating machines with sectional stators. I. P. Kopylov. Vest. elektroprom. 27 no. 5:41-43 My '56.

Criteria for the steady operation of two-phase asynchronous servomotors [with English summary in insert]. E. I. Slepushkin. Avtom. i telem. 17 no. 11:1020-1028 N '56.

Critical slip of asynchronous motors. P. N. Solodovnikov. Vest. elektroprom. 27 no. 11:57-59 N '56.

Demonstration model of the asynchronous motor and electric meter. G. B. Aver'ianov. Fiz. v shkole 16 no. 6:53-54 N-D '56.

Determining the direction of rotation and equivalent circuits for symmetrical components of induction motors. A. I. Adamenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 14:52-59 '56.

Determining the effective current in asynchronous motors by means of the value of inertia time constant for electric drives. G. M. Kalalov. Nauch. trudy NPI 26:311-315 '55.

Determining the inertia moment of asynchronous engine rotors by means of the "running out" method. M. V. Pal'shau, V. G. Kovalenko. Nauch. trudy NPI 26:363-367 '55.

Development of a single series of A and AO asynchronous motors. B. I. Goldenblat. Vest. elektroprom. 27 no. 5:68-69 My '56.

Experimental determination of the efficiency coefficient for cascade asynchronous motors with mercury rectifiers. F. I. Cherniavskii. Nauch. trudy NPI 26:321-324 '55.

Manufacturing the rotor windings of squirrel-cage motors. G. IA. Shkilko. Vest. elektroprom. 27 no. 5: 39-40 My '56.

Methods for the theoretical study of single-phase capacitor motors. I. M. Postnikov. Sbor. trud. Inst. elektrotekh. AN URSR no. 14:6-51 '56.

Operation of an asynchronous motor during network unbalance caused by the insertion of resistance in one of its phases. A. I. Adamenko. Sbor. trud. Inst. elektrotekh. AN URSR no. 14:59-74 '56.

Use of one arrangement of conversion to study an asynchronous drive supplied by an electronic converter. M. Z. Khamudkhanov. Trudy Inst. energ. AN Uz. SSR no. 8:103-121 '55.

ELECTRIC MOTORS, SYNCHRONOUS

Experimental study of the synchronous compound-wound motor. V. E. Krutikova. Sbor. trud. Inst. elektrotekh. AN URSR no. 14:117-123 '56.

Synchronous compound-wound motor and the theory of its operation. V. L. Inosov. Sbor. trud. Inst. elektrotekh. AN URSR no. 14:93-116 '56.

ELECTRIC NETWORKS

Construction of a nonlinear quadripole with a given characteristic. S. A. Ginzburg. Elektrichstvo. no. 11:51-54 N '56.

ELECTRIC POWER
(see also subdivision under Rumania)

"Industrial plant power supply." A. A. Fedorov. Reviewed by B. A. Konstantinov, G. R. Miller, M. K. Kharchev. Prom. energ. 11 no. 11:37-39 N '56.

Letter to the editor. G. M. Kalalov. Energ. biul. no. 11: 32 N '56.

Planning electric energy consumption in by-product coking plants. L. E. Gurevich. Koks i khim. no. 7:49-50 '56.

ELECTRIC POWER DISTRIBUTION

Conference in the Leningrad Polytechnical Institute. O. V. Shcherbachev. Elektrichestvo. no. 11:93-95 N '56.

Long-distance power transmission. V. I. Gorushkin. Elektrichestvo. no. 11:92-93 N '56.

On the theory of long-distance alternating-current power transmission. G. E. Pospelov. Trudy Inst. energ. AN Uz. SSR no. 8:43-61 '55.

Optimum angle of branching in electric systems. V. K. Pliugachev, A. V. Isaenko. Elektrichestvo. no. 11:76-78 N '56.

Protection against asynchronous operation. I. M. Sirota. Elek. sta. 27 no. 10:36-39 O '56.

Rokotian, S.S. [Long-distance transmission of electric power] Peredacha elektricheskoi energii na dal'nie rasstoianiia. Moskva, Gos. energ. izd-vo, 1956. 77 p.

Technical and economic comparison of the principal means of increasing the transient stability of power transmission. I. A. Fedorova. Trudy Inst. energ. AN Uz. SSR no. 8:62-85 '55.

Theoretical and experimental investigation of the conversion of single-phase current to three-phase in a transmission system with earth return. S. S. Salikhov. Trudy Inst. energ. AN Uz. SSR no. 8:86-102 '55.

ELECTRIC POWER PLANTS
(see also subdivision under United States)

Against the use of separating protective systems in electric power plants. IA. D. Barkan, V. IA. Boiarevich. Elek. sta. no. 10:31-32 O '56.

Over-all automatization of steam electric power plants. M. E. Rakovskii, B. A. Veksler, A. L. Epshtein. Priborostroenie no. 10:1-5 O '56.

Use of three-layer panels in the walls of the main building. V. P. Ganin. Elek. sta. 27 no. 10:22-25 O '56.

Utilizing the "Kiev-1" mobile electric power station in rural schools. V. I. Priorov. Fiz. v shkole 16 no. 6: 69-71 N-D '56.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Some devices used in repairing steam and water fittings. M. I. Imbritskii. Energetik 4 no. 11:37-40 N '56.

ELECTRIC RAILROADS

Petrov, B.P., and A.D.Stepanov. [Operation of electric rolling stock] Upravlenie elektricheskim podvizhnym sostavom. Moskva, Gos. energ. izd-vo, 1956. 304 p.

Requirements for Engineering Instructions in designing electric railroads. A. F. Kochkin, M. I. Kleinerman. Zhel. dor. transp. 38 no. 11:73 N '56.

ELECTRIC RAILROADS—SUBSTATIONS

Compounding mercury rectifiers for traction substations. S. D. Sokolov. Trudy TSNII MPS no. 123:56-69 '56.

The effect of traction substations with mercury current rectifiers on a.c. and rectified current networks. M. D. Treivas, V. B. Lapin. Trudy TSNII MPS no. 123:70-90 '56.

Investigation of internal and external supertension in traction substations. S. D. Sokolov. Trudy TSNII MPS no. 123:13-55 '56.

Pertsovskii, L. M., and M. B. Prusakov. [Manual for traction substation operators] Posobie dezhurnomu tiagovoi podstantsii. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 176 p.

ELECTRIC RELAYS

Characteristics of differential protective devices for power transformers. V. V. Mikhailov. Nauch. trudy NPI 26:335-340 '55.

Investigation of saturating-current transformers used in differential protective device. A. D. Drozdov, A. G. Bogush. Nauch. trudy NPI 26:325-334 '55.

ELECTRIC RELAYS (Continued)

Nonlinear corrective devices used in second-order automatic control systems [with English summary in insert]. G. M Ostrovskii. Avtom. i telem. 17 no. 11: 979-984 N '56.

Periodic conditions in relay systems in inner feedback [with English summary in insert]. N A. Korolev. Avtom. i telem. 17 no. 11:969-978 N '56.

Phase-sensitive circuit as power directional relay. IU. G. Nazarov. Elektrichestvo. no. 11:55-62 N '56.

ELECTRIC RESISTANCE

Resistance of metal to semiconductor contacts at high-contact potential differences. N. A. Gozhenko, IU. M. Altaiskii. Zhur. eksp. i teor. fiz. 30 no. 2:401-402 F '56.

Resistance of steel conductors during short-circuit currents and its simplest analytical expression. L. M Pershina. Trudy Inst. energ. AN Uz. SSR no. 8:144-152 '55.

ELECTRIC RHEOSTATS

Regulator of the incandescence of an illuminating lamp. V. Gorda. Kinomekhanik no. 11:39 N '56.

ELECTRIC SPARK

Problems of surface layer alloying while machining the steel by electric sparks. A. A. Spiridonov. Trudy Ural. politekh. inst. no. 50:55-68 '56.

Spark machining of rollers. B. M. Gorbunov. Trudy VNIIZ no. 31:63-74 '56.

ELECTRIC SUBSTATIONS

(see also subdivision under United States)

Outdoor 6 - 10 kv unit-type transformer substation. M. M. Zhendarev. Prom. energ. 11 no. 11:23-25 N '56.

Standard plans for shop 6 - 10 kv substations with single transformers with power up to 1,000 kva, which are worked out in 1955 by the Kharkov branch of the State Industry for the Planning of Heavy Machinery for use in machinery manufacturing plants. P. V. Filimonov. Prom. energ. 11 no. 11:31-33 N '56.

Standard transformer substations. M. Evstratov. Moloch. prom. 17 no. 7:23-24 '56.

Step-down transformer substations with bus-tie switches. T. P. Musatov. Elek. sta. 27 no. 10:42-43 O '56.

ELECTRIC SWITCHGEAR

Against the use of separating protective systems in electric power plants. IA. D. Barkan, V. IA. Bolarevich. Elek. sta. 27 no. 10:31-32 O '56.

Outages connected with switching in electric installations. G. B. IAkusha. Elek. sta. 27 no. 10:39-42 O '56.

Step-down transformer substations with bus-tie switches. T. P. Musatov. Elek. sta. 27 no. 10:42-43 O '56.

Unit distribution substations of the K-III and K-IV series (conclusion). Energetik 4 no. 11:3 of cover. N '56.

Use of the RLN-110 disconnecting switch to interrupt the no-load current of a 10,000 kva transformer. IA. F. Kuz'min, M. P. Rozenknop. Elek. sta. 27 no. 10:33-35 O '56.

ELECTRIC TRANSFORMERS

Calculating voltage for drying transformers. A. A. Piastolov. Elektrichestvo. no. 11:65-68 N '56.

Calculation of a full autotransformer input circuit based on ultrahigh frequencies. A. P. Belousov. Trudy MAI no. 65:72-86 '56.

Characteristics of differential protective devices for power transformers. V. V. Mikhailov. Nauch. trudy. NPI 26:335-340 '55.

Homemade three-phase transformer. V. A. Etanskii. Fiz. v shkole 16 no. 6:74-75 N-D '56.

Investigation of saturating-current transformers used in differential protective device. A. D. Drozdov, A. G. Bogush. Nauch. trudy NPI 26:325-334 '55.

On the theory of the transformer of zero-sequence current. V. T. Rozhdestvenskii. Trudy Inst. energ. AN Uz. SSR no. 8:153-161 '55.

Scientific and technical conference on transformers in Zaporozh'ye. G. O. Levit, A. M. Gesselev. Elektrichestvo. no. 11:95 N '56.

Transformers with voltage regulation at load. K. M. Polarkov. Mekh. sil'. hosp. 7 no. 10:21-22 O '56.

Use of autotransformers in electric networks. A. B. Krikunchik. Elektrichestvo. no. 11:1-7 N '56.

ELECTRIC TRANSFORMERS—REPAIRING

Repairing the tank of large-capacity transformers without pulling the core. V. P. Tolubaev. Energetik 4 no. 11: 27-28 N '56.

ELECTRIC WAVES

Dispersive properties of multifilar helixes. N. N. Smirnov. Dokl. AN SSSR 110 no. 2:212-215 S '56.

Electron plasma oscillations in a magnetic field. A. G. Sitenko, K. N. Stepanov. Zhur. eksp. i teor. fiz. 31 no. 4:642-651 O '56.

Note on waves in homogeneous magnetically active plasma. B. N. Gershman. Zhur. eksp. i teor. fiz. 31 no. 4:707-709 O '56.

On a field characteristic of electromagnetic waves propagating in inhomogeneous plasma. N. G. Denisov. Zhur. eksp. i teor. fiz. 31 no. 4:609-619 O '56.

The present technical status of generating millimeter waves. G. I. Zhileiko. Elektrosviaz' 10 no. 12:27-37 D '56.

ELECTRIC WAVES—STUDY AND TEACHING

Generator for low-frequency electromagnetic vibrations. V. I. Maslovskii. Fiz. v shkole 16 no. 6:71-72 N-D '56.

ELECTRIC WELDING

At the "Krasnyi kotel'shchik" Plant: a note. V. I. Reznik. Energomashinostroenie no. 11:31 N '56.

Distribution of some admixtures in welded joints. O. A. Rossoshyns'kyi. Dop. AN URSR no. 2:137-139 '56.

Electrodes for building up metal. IE. I. Leinarchuk. Mekh. sil'. hosp. 7 no. 11:22-23 N '56.

Mechanical fusing in the repair of rolling stock. A. S. Sushchenko. Trudy TASHIIT no. 5:103-115 '56.

Movable machines in welding reinforced construction elements. I. Kotsandi. Stroitel' 2 no. 9:20 Ag '56.

Reconstructing machinery for spot welding of reinforcements. Stroitel' 2 no. 8:13 Ag '56.

Youth should know the economics of production. A. Kravchenko. Mol. komm. 14 no. 11:102-104 N '56.

ELECTRIC WIRE

Drawing copper wire at a speed of 36 meters per second. A. M. Rura. TSvet. met. 29 no. 10:69-70 O '56.

Pressure jointing of connections and terminations of aluminum wire and cable cores. G. E. Khromchenko, L. A. Komissarov, A. S. Ratnikov. Energetik 4 no. 11: 9-11 N '56.

Steel wire for overhead electric lines. O. H. Hanelin, M. S. Levin. Mekh. sil'. hosp. 7 no. 11:32 N '56.

ELECTRIC WIRING

How to wire a stable for 30-40 horses. O. N. Dylkin. Kolkh. Bel. 4 no. 10:33-34 O '56.

Laying PR-500 conductors in conduits of galvanized roofing steel. Prom. energ. 11 no. 11:30 N '56.

Using metal structures and grounding mains as neutral wires. V. B. IAtsevich. Prom. energ. 11 no. 11:19-23 N '56.

Vorontsov, F.F. [Selecting the proper gage of wire and cable for electric wiring] Vybor secheniĭ provodov i kabelei dlia elektroprovodok. Izd. 3-e, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 110 p.

ELECTRICITY

Elkhonval'd, A. A. [Selected works] Izbrannye raboty. Pod red. i s primechaniiami A. B. Miodzeevskogo. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 206 p. (Bibliioteka russkoi nauki. Matematika, mekhanika, fizika, astronomiia)

Franklin, Benjamin. [Experiments and observations on electricity. Translated from the English] Opyty i nabliudeniia nad elektrichestvom. Perevod s angliiskogo V. A. Alekseeva. Red., stat'ia i kommentarii B. S. Sotina. Moskva, Izd-vo Akademii nauk SSSR, 1956. 271 p. (Klassiki nauki)

ELECTRICITY—HISTORY

Applied physics in Saint Petersburg Academy of Sciences in the 19th century. M. I. Radovskii. Trudy Inst. ist. est. i tekh. 15:323-366 '56.

ELECTRICITY—STUDY AND TEACHING

Erroneous recommendations. V. V. Serkov. Fiz. v shkole 16 no. 6:80-81 N-D '56.

ELECTRICITY, TERRESTRIAL see Terrestrial electricity

ELECTRICITY IN AGRICULTURE

Automatic equipment in agriculture. P. N. Lisiov, B. A. Runov. Izv. TSKhA no. 2:223-230 '56.

ELECTRICITY IN MEDICINE see Electrotherapeutics

ELECTRICITY IN MINING

(see also subdivision under Donets Basin)

Distribution curves representing daily energy consumption in coal mines. B. N. Avilov-Karnaukhov. Nauch. trudy NPI 26:350-354 '55.

ELECTRICITY ON SHIPS

Aleshin, N. I., and F. S. Davidovich. [Technology of electric assembly work in ship units] Tekhnologiia elektromontazhnykh rabot v blokakh sudna. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1956. 78 p.

ELECTRIFICATION

Markin, A. B. [The future of electrification in the U. S. S. R.] Budushchee elektrifikatsii SSSR. Pod red. A. V. Vintera. Moskva, Gos. izd-vo polit. lit-ry, 1956. 162 p.

ELECTROACOUSTICS—NOISE

Correlation method for measuring transmission distortion coefficients. M. A. Sapozhkov. Akust. zhur. 2 no. 3:279-284 Jl-S '56.

ELECTROCAPILLARY PHENOMENA

Thermodynamics of electrocapillary phenomena in concentrated solutions [with English summary in insert]. A. N. Frumkin. Zhur. fiz. khim. 30 no. 9:2066-2069 S '56.

ELECTROCARDIOGRAPHY

Changes in the electrocardiogram under the effect of convallatoxin. P. I. Ontsev. Sbor. trud. Khar'. vet. inst. 21:177-182 '56.

ELECTROCHEMISTRY

Redox properties of diffuse atomic hydrogen on the surface of a polarized electrode in alkaline solutions. I. A. Bagotskaia. Dokl. AN SSSR 110 no. 3:397-400 S '56.

ELECTRODES

Again on the paper by E. A. Kanevskii. (Reviewed by A. I. Zaidenman). Zhur. fiz. khim. 30 no. 9: 2125 S '56.

Electrodes for building up metal. IE. I. Leinarchuk. Mekh. sil'. hosp. 7 no. 11:22-23 N '56.

Electronic pH-meter with a glass electrode. K. N. Nefedogov, IU. IA. Lukomskii. Zav. lab. 22 no. 7:872-873 '56.

On the paper of E. A. Kanevskii. (Reviewed by A. I. Zaidenman). Zhur. fiz. khim. 30 no. 9:2124-2125 S '56.

ELECTROENCEPHALOGRAPHY

Electroencephaloscopic studies on the bioelectric map of the cerebral cortex in cerebral tumors and injuries. M. N. Livanov, V. M. Anan'ev, N. P. Bekhtereva. Zhur. nevr. i psikh. 56 no. 10:778-790 O '56.

The state of cerebral currents in eczema, neurodermitis and nettle rash and changes following novocain and sleep therapy. R. IA. Malykin and others. Vest. ven. i derm. 30 no. 5:3-10 S-O '56.

ELECTROLYSIS

Apparatus for the electrolysis of an aqueous solution of table salt. I. A. Novikov. Khim. v shkole 11 no. 6:41-42 N-D '56.

ELECTROLYSIS IN SURGERY see Electrosurgery

ELECTROLYTES

Effect of solute volume and of solvation on the properties of solutes [with English summary in insert]. N. E. Khomutov. Zhur. fiz. khim. 30 no. 9:2010-2021 S '56.

Optical concentration functions as a method for the structural analysis of electrolytic solutions. O. A. Shishlova's'kyi. Nauk. zap. Kiev. un. 13 no. 7:63-79 '55.

ELECTROLYTIC CORROSION

All-Union conference on corrosion-prevention of underground installations. Azerb. neft. khoz. 35 no. 7:46 Jl '56.

Cathode protection of the underwater portion of piles. A. A. Farkhadov. Azerb. neft. khoz. 35 no. 9:40-42 S '56.

Cathodic protection against corrosion of offshore structures in the petroleum industry. A. A. Farkhadov. Trudy Gipromornefti no. 1:230-249 '54.

Interaction of cathodic protection and cement coatings. M. S. Trifel', G. G. Shakhtakhtinskaia, A. A. Farkhadov. Trudy Gipromornefti no. 1:250-259 '54.

Investigation of corrosion vapors formed in sea water by different steels. A. A. Farkhadov. Trudy Gipromorneftī no. 1:71-81 '54.

Protecting communication cables from soil corrosion on alternating current electric railroads. V. E. Artamonov. Vest. TSNII MPS 15 no. 2:37-40 S '56.

Protection of offshore structures in the petroleum industry. M. S. Trifel'. Trudy Gipromorneftī no. 1:206-220 '54.

Studying the potential of steel with a protective cement coating in sea water. Z. Sh. Garaev, A. A. Farkhadov. Trudy Gipromorneftī no. 1:172-177 '54.

ELECTROMAGNETIC THEORY

Kinetics of the paramagnetic phenomena. V. P. Silin. Zhur. eksp. i teor. fiz. 30 no. 2:421-423 F '56.

On a field characteristic of electromagnetic waves propagating in inhomogeneous plasma. N. G. Denisov. Zhur. eksp. i teor. fiz. 31 no. 4:609-619 O '56.

ELECTROMAGNETIC WAVES see Electric waves

ELECTROMAGNETISM

Diamagnetic resonance in strongly magnetic bodies. IA. G. Dorfman. Dokl. AN SSSR 110 no. 2:201-203 S '56.

Electromagnet. IU. Stepanov. Zhan. atia 31 no. 11:28-29 N '56.

Improved design of the BIT-3 electromagnet for isolating monomineral fractions. F. IA. Hindul', V. P. Ivanova, S. I. Taldykin. Inform. sbor. VSEGEI no. 1:146-146 '55.

ELECTROMECHANICAL ANALOGIES

Electric modeling of channel stream flow. O. IU. Iashlinskyi. Dop. AN URSR no. 2:124-128 '56.

ELECTROMETER

Prospecting hydroelectrometry. A. G. Tarkhov, G. M. Vantsian. Razved. i okh. nedr 21 no. 5:37-45 S-O '55.

ELECTRON DIFFRACTION EXAMINATION

Crystal structure of cesium tetrachlorocobaltate $Cs_2CoCl_4$. M. A. Porai-Koshits. Kristallografiia 1 no. 3:291-299 '56.

ELECTRON DIFFRACTION EXAMINATION (Continued)
Electron diffraction examination of ammonium fluosilicate. B. K. Vainshtein, M. M. Stasova. Kristallografiia 1 no. 3:311-320 '56.
Electron diffraction examination of the structure of thin layers of cadmium sulfide, cadmium selenide and cadmium telluride. S. A. Semiletov. Kristallografiia 1 no. 3:306-310 '56.
Geometry of diffraction pictures in the presence of dynamic interaction of X rays and crystals. I. V. IAvorskii. Kristallografiia 1 no. 3:287-290 '56.

ELECTRON EMISSION
Back currents in spherical condenser-type instruments. M. IA. Mandel'shtam. Zhur. tekh. fiz. 26 no. 10:2234-2242 O '56.
Secondary electron emission of NaBr single crystals. T. L. Matskevich. Zhur. tekh. fiz. 26 no. 10:2399-2400 O '56.
Secondary electron emission of nickel and molybdenum at low energies of primary electrons. A. R. Shul'man, E. I. Minkin. Zhur. tekh. fiz. 26 no. 10:2223-2233 O '56.
Theory of electron emission from metals in an electric field. G. M. Avak'iants. Trudy FTI AN Uz. SSR 6:43-53 '55.

ELECTRON MICROSCOPE
Using the electron microscope for determining crystallographic orientation of grains. IU. A. Skakov. Zav. lab. 22 no. 7:806-800 '56.

ELECTRON MICROSCOPY
Electronmicroscope analysis of high-frequency sound effect on bact. suipositifer. A. P. Pekhov. Biul. eksp. biol. i med. 42 no. 10:46-49 O '56.
Using the electron microscope for studying finely dispersed minerals. G. S. Gritsaenko. Min. sbor. no. 10:81-87 '56.

ELECTRON OPTICS
Curvature radius technique for the graphic analytic plotting of charged particle trajectories in electrostatic fields. N. I. Shtepa. Zhur. tekh. fiz. 26 no. 10:2281-2289 O '56.
Scattering patterns in electrostatic immersion lenses. IU. V. Vorob'ev. Zhur. tekh. fiz. 26 no. 10:2269-2280 O '56.

ELECTRON-TUBE VOLTMETER
Electronic kilovoltmeter. V. I. Gaiduk. Priborostroenie no. 10:20-22 O '56.

ELECTRON TUBES
Damage to X-ray tubes and kenotrons. M. F. Popov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 0:211-213 '55.
Determining the vacuum in X-ray kenotrons. M. F. Popov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 0:71-76 '55.
Experiments with electron tubes. B. L. Margolin. Fiz. v shkole 16 no. 6:60-62 N-D '56.
Investigating the focus of diagnostic X-ray tubes. M. F. Popov, IU. A. Chizhunova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 0:201-208 '55.
Investigating the grid effect of X-ray tubes. M. F. Popov. Trudy Tsentr. nauch. issl. inst. rentg. i rad. 0:187-194 '55.
Investigating the vaporability of tungsten mirrors in X-ray tubes. F. I. Solov'ev. Trudy TSentr. nauch. issl. inst. rentg. i rad. 0:200-210 '55.
Investigating thermal conditions of oil-immersed X-ray tubes. M. F. Popov, IU. A. Chizhunova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 0:50-70 '55.
Symbols for new tubes. Radio no. 11:26 N '56.
Thermal conductivity of the oxide-coated cathode. IA. P. Zinberman. Ukr. fiz. zhur. 1 no. 3:308-311 Jl-S '56.

ELECTRONIC CALCULATING MACHINES
Electric integrator for solving problems of dynamics in mechanical systems. M. D. Golovko, R. A. Nasyrov. Vest. TSNII MPS 15 no. 1:53-54 Ag '56.
Electrical method of testing nets with an electrointegrator. V. K. Pukhal'skii. Izv. Inst. gidrol. i gidr. AN URSR no. 14:100-111 '56.
Electronic calculating machines in the sixth five-year plan. V. Aleksandrov. Radio no. 11:3-5 N '56.
Fairy helpers. B. Vasyl'ko. Ukraina no. 22:30 N '56.
Making 1,764,000 logical decisions per minute. V zashch. mira no. 66:40-41 O '56.
Mathematical problems in the theory of calculating machines. M. V. Keldysh, A. A. Liapunov, M. R. Shura-Bura. Vest. AN SSSR 26 no. 11:16-37 N '56.
Use of computers in automatic control system [with English summary in insert]. A. A. Fel'dbaum. Avtom. i telem. 17 no. 11:1046-1056 N '56.

ELECTRONIC CONTROL
Automatic control of machines for heat resistance testing. A. V. Antonovich. Zav. lab. 22 no. 9:1100-1105 '56.

ELECTRONIC INSTRUMENTS
Electronic pH-meter with a glass electrode. K. N. Belonogov, IU. IA. Lukomskii. Zav. lab. 22 no. 7:872-873 '56.
Principal defects of the S-type d. c. electronic regulators. A. A. Sokolov. Priborostroenie no. 10:12-13 O '56.
Small-size electronic potentiometers and secondary instruments. A. E. Ponsar. Priborostroenie no. 10:27-28 O '56.

ELECTRONIC PULSE TECHNIQUES see Pulse techniques (Electronics)

ELECTRONICS see subdivision under Kiev

ELECTRONS
Compton effect observed on recoil electrons. V. S. Barashenkov. Zhur. eksp. i teor. fiz. 31 no. 4:694-695 O '56.
Diamagnetic resonance in strongly magnetic bodies. IA. G. Dorfman. Dokl. AN SSSR 110 no. 2:201-202 S '56.
Electron plasma oscillations in a magnetic field. A. G. Sitenko, K. N. Stepanov. Zhur. eksp. i teor. fiz. 31 no. 4:642-651 O '56.
Electron separation from negative ions of halides following collisions with atoms of inert gases and with hydrogen molecules. IU. F. Bydin, V. M. Dukel'skii. Zhur. eksp. i teor. fiz. 31 no. 4:569-578 O '56.
"Emulsion chamber" observation of high-energy electron showers. I. M. Gramenitskii. Zhur. eksp. i teor. fiz. 31 no. 4:710-712 O '56.
Energy spectrum of conduction electrons in crystals. S. I. Pekar. Nauk. zap. Kiev. un. 13 no. 7:29-38 '55.
The infrared asymptotic of Green's electron function computed with an accuracy of up to $e^4$. L. D. Solov'ev. Dokl. AN SSSR 110 no. 2:203-206 S '56.
Ionization slowing down of high-energy electron-positron pairs. V. B. Berestetskii, B. V. Geshkenbein. Zhur. eksp. i teor. fiz. 31 no. 4:722-723 O '56.
Light absorption by polarons and by color centers. M. F. Deigen. Nauk. zap. Kiev. un. 9 no. 2:21-39 '50.
Note on waves in homogeneous magnetically active plasma. B. N. Gershman. Zhur. eksp. i teor. fiz. 31 no. 4:707-709 O '56.
Similarity in the dispersion of light and electrons through scattering media. L. N. Bell. Biofizika 1 no. 7:657-659 '56.
Theory of electron processes in metal-ammonia solutions. M. F. Deihen, IU. A. TSvirko. Ukr. fiz. zhur. 1 no. 3:245-260 Jl-S '56.
Theory of the interaction between the electron gas and the the crystal lattice vibration. V. L. Bonch-Bruevich. Zhur. eksp. i teor. fiz. 30 no. 2:342-350 F '56.
Transfer processes in conductors taking nonlinear effects into consideration. V. P. Shabanskii. Zhur. eksp. i teor. fiz. 31 no. 4:657-671 O '56.

ELECTRONS—CAPTURE
Two-electron charge-exchange of alpha particles in helium. V. I. Gerasimenko. L. N. Rozentsveig. Zhur. eksp. i teor. fiz. 31 no. 4:684-687 O '56.

ELECTRONS—SCATTERING
High-energy Compton effect. A. A. Abrikosov. Zhur. eksp. i teor. fiz. 30 no. 2:386-388 F '56.

ELECTRONS—SPECTRA
Vertical focusing in the helical belts spectrometer. V. S. Shpinel', O. Sh. Grois. Zhur. tekh. fiz. 26 no. 10:2259-2266 O '56.

ELECTROPHORESIS
Dynamics of phagocytosis in staphyloderma during treatment by electrophoresis of staphylococcal antiphagin. G. S. Antonov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:88-92 O-D '56.
Skin anesthesia by administrating anesthetics by direct current. A. P. Parfenov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:83-87 O-D '56.
Use of iontophoresis in combination with paper chromatography in the identification of amino acids in hydrolysates of natural proteins. IU. V. Galaev, E. K. Alimova. Biokhimiia 21 no. 5:538-541 S-O '56.

ELECTROPHYSIOLOGY
Change in the superslow rhythmical oscillations of brain potentials under the effect of ionizing radiation. N. A. Aladzhalova. Biofizika 1 no. 7:642-652 '56.
Dynamics of early ionic shifts in the cerebral cortex brought about by local X-ray irradiation of the abdominal region and the head. N. A. Aladzhalova. Biofizika 1 no. 1:40-50 '56.
Electrophysiological evaluation of the functional characteristics of fibers in the cervical sympathetic preganglionic trunk in the cat. V. S. Shevelova. Dokl. AN SSSR 110 no. 3:487-490 S '56.
Electroretinogram recording of considerable duration. V. A. Khilun. Biofizika 1 no. 7:668-671 '56.
Some data on the nature of biopotentials. V. A. Muzhcev, M. F. Popova. Biofizika 1 no. 6:741-753 '56.

ELECTROPLATING
Mechanism of the electrodeposition of metals on passivated surfaces [with English summary in insert]. L. I. Kadaner, A. Kh. Masik. Zhur. fiz. khim. 30 no. 9:1983-1989 S '56.
Restoring worn surfaces of tractor parts by electrolytic iron plating. G. Gugunishvili. MTS 16 no. 10:29-30 O '56.
Using aluminum and zinc alloys for the restoration of machinery parts. G. Neparidze. MTS 16 no. 11:38 N '56.

ELECTROSURGERY
Diathermocoagulation in tumors of the limbus and the cornea. E. O. Kotelianskii. Vest. oft. 69 no. 5:7-10 S-O '56.

ELECTROTHERAPEUTICS
Application of impulse currents in physiotherapy. N. M. Liventsev. Med. prom. no. 2:6-9 Ap-Je '55.
Construction of an apparatus for local d'arsonvalization with an electron-tube circuit. N. M. Liventsev, I. A. Arrikosov, M. N. Spichenkov. Med. prom. no. 3:31-35 Jl-S '55.
"Hydroaeroionization and its therapeutic use" by V. M. Falbushevich. Reviewed by B. M. Broderzon. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:103-105 O-D '56.

ELECTROTHERAPEUTICS—APPARATUS AND INSTRUMENTS
"Electromedical (physiotherapeutic) apparatus; working principles, operation and repair" by N. M. Liventsev. Reviewed by V. V. Dalin. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:101-103 O-D '56.

ELEMENTARY EDUCATION see Education, Elementary

ELEMENTARY PARTICLES see Particles, Elementary

ELEMENTS, CHEMICAL see Chemical elements

ELEPHANTIASIS
Protein metabolism in the skin and in the subcutaneous tissue in elephanthiasis. A. A. Leont'eva, E. I. Shumilkina. Arkh. pat. 18 no. 5:62-64 '56.

ELETSKII, ALEKSANDR GRIGOR'EVICH, 1884-
Professor A. G. Eletskii. N. V. Novikov. Otrop., travm. i protez. 17 no. 4:71-72 Jl-Ag '56.

ELEVATORS, GRAIN see Grain elevators

ELLIPTIC FUNCTIONS see Functions, Elliptic

ELSHEIMER, ADAM, 1578-1610
Some Elsheimer drawings and his circle. M. V. Dobrokonskii. Trudy Gos. erm. 1:215-221 '56.

EMBA VALLEY—GEOLOGY, STRUCTURAL
Classification scheme of the southern Emba salt domes. G. E. -A. Aizenshtadt. Trudy VNIGRI no. 95:214-221 '56.

EMBA VALLEY—PETROLEUM GEOLOGY
Classification scheme of oil pools in the Emba salt domes. G. E. -A. Aizenshtadt. Trudy VNIGRI no. 95:21-30 '56.

EMBANKMENTS
Shape of earth dam slopes in a state of limited equilibrium. O. IA. Garkavi. Izv. Inst. gidrol. i gidr. AN URSR no. 14:89-92 '56.

EMBOLISM
Air embolism of the brain vessels. A. IA. Golomidov. Khirurgiia. 32 no. 8:77 Ag '56.
Bilateral fat embolism of the central artery of the retina in fractures of the long shaft bones. M. V. Zaikova. Vest. oft. 69 no. 5:91-92 S-O '56.
Case of sudden death from a multiple embolism of the right lung and kidneys in wounds of the aorta and left lung. G. A. Bezhaev. Khirurgiia. 32 no. 8:79 Ag '56.

EMBRYOLOGY
The problem of androgenesis. D. F. Petrov. Vop. filos. no. 5:216-217 '56.
The shape of eggs of the tapeworm Diphyllobothrium latum in a fresh preparation. G. S. Gokhler. Lab. delo 2 no. 6:26-27 N-D '56.
Three new microrespirometers for studying the metabolism of small biological specimens. V. K. Milovanov and others. Dokl. Akad. sel'khoz. 21 no. 11:17-21 '56.
Zygote transplantation technique for investigating the effect of X-rays on the embryogeny in mammals. Z. F. Isachenko. Dokl. AN SSSR 110 no. 2:309-311 S '56.

EMBRYOLOGY—BIRDS
Detecting causes for the mortality of chick embryos by pathomorphological analysis of incubation "waste" (chicks which failed to hatch). A. M. Shcheglov. Sbor. trud. Khar'. vet. inst. 21:65-78 '56.
Dissection of chicks which failed to hatch in order to detect the causes of disorders in their embryonic development. A. M. Shcheglov. Sbor. trud. Khar'. vet. inst. 22:132-136 '54.
Dynamics of the innervation of the kidneys in embryos and chicks in relation to incubation conditions. G. S. Krok. Sbor. trud. Khar'. vet. inst. 22:99-112 '54.

EMBRYOLOGY—BIRDS (Continued)
Effect of environment on the embryonal development of chickens under various incubation conditions. E. F. Lisitskii. Sbor. trud. Khar'. vet. inst. 21:27-42 '56.
Embryonal growth and transition into the postembryonal state of the excretory organs in ducks. G. S. Krok. Sbor. trud. Khar'. vet. inst. 21:43-59 '56.
Particular features of early stages of embryonic development of eggs in chicks of various age. N. S. Anoreva. Dokl. AN SSSR 110 no. 3:494-496 S '56.

EMBRYOLOGY—FISHES
Effect of low temperatures on the stimulation of trophoplasmatic growth of oocytes in fishes. IU. G. Aleev. Dokl. AN SSSR 110 no. 3:491-493 S '56.

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMIGRATION AND IMMIGRATION see subdivision under Iran; Russia

EMONT, ADRIEN VAN, 1627?-1662?
Adrien van Emont. IU. I. Kuznetsov. Trudy Gos. erm. 1:129-158 '56.

EMPHYSEMA, PULMONARY
Exercise therapy in pulmonary emphysema. E. I. IAnkelevich, E. A. Pierovskii. Med. sestra 15 no. 11:3-7 N '56.

EMPLOYMENT OF CHILDREN see Children—Employment

EMPLOYMENT OF WOMEN see Women—Employment

EMULSIONS
Study of the behavior of petroleum emulsions in electric fields. Ch. M. Dzhuvarly, N. V. Klimova. Uch. zap. AGU no. 7:9-23 '55.

ENCEPHALITIS
Clinical aspects of encephalitis in chicken pox. V. N. Vertsner, E. M. Nazarova. Pediatriia 39 no. 4:44-49 Jl-Ag '56.
Gorchakovskaia, N. N. [Spring-summer tick-borne encephalitis] Vesenne-letnii kleshchevoi entsefalit. Izd. 2-oe. Moskva, Medgiz, 1956. 33 p. (DAFM)
Panov, A.G. [Tick-borne encephalitis] Kleshchevoi entsefalit. Leningrad, Medgiz, 1956. 281 p., illus. (DAFM)
Peculiarities of the course of tick-borne encephalitis in children; according to materials of 1954. I. B. Galant. Pediatriia 39 no. 4:39-43 Jl-Ag '56.

ENCEPHALOMYELITIS
Experimental study of serodiagnosis of encephalomyelitis in horses. M. V. Revo, K. V. Shmalii. Sbor. trud. Khar'. vet. inst. 21:215-225 '56.

ENDOCRINOLOGY
"Diseases of the endocrine system and metabolism" by V. G. Baranov. Reviewed by M. N. Egorov, K. M. Prostiakov. Vop. pit. 15 no. 6:56-58 N-D '56.

ENGELS, FRIEDRICH, 1820-1895
Statistics in the correspondence between K. Marx and F. Engels; bibliographical information. N. N. Semikov. Nauch. zap. Len. fin. -ekon. inst. no. 9:136-142 D '56.

ENGINEERING—BIBLIOGRAPHY see Bibliography—Engineering

ENGINEERING—STUDY AND TEACHING
Sharov, IU. V. [Extracurricular work in engineering; a practical manual for teachers, Pioneer leaders, and workers directing the work of young engineers] Vneklassnaia rabota po tekhnike; metodicheskoe posobie dlia uchitelei, pionervozhatykh i vneshkol'nykh rabotnikov, vedushchikh rabotu s iunymi tekhnikami. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva pro-

ENGINEERING STANDARDS see Standards, Engineering

ENGINES—TESTING
Improved attachment for hydraulic testing of parts of the KDM-46 engine. I. N. Shatalev. Mekh. sil'. hosp. 7 no. 11:23 N '56.

ENGLAND—PURITANS
The Puritan movement in England during the seventies and eighties of the 16th century. V. V. Shtokmar. Uch. zap. Len. un. no. 192:138-168 '56.

ENGLISH LANGUAGE—ETYMOLOGY
Amosova, N.N. [Etymological foundation of the vocabulary of the modern English language] Etimologicheskie osnovy slovarnogo sostava sovremennogo angliiskogo iazyka. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1956. 218 p. (Biblioteka filologa)

ENGLISH LANGUAGE—LEXICOGRAPHY
Amosova, N. N. [Lexicology of the English language] Leksikologiia angliiskogo iazyka. Leningrad, 1955. 1 v. (MH)

ENGLISH LANGUAGE—STUDY AND TEACHING
New English language textbook for class 5 by Z. M. TSvetkova, TS. G. Shpigel'. R. M. Adler. Inostr. iaz. v shkole no. 6:67-74 N-D '56.
Work with poetry in class five. V. V. Runev. Inostr. iaz. v shkole no. 6:75-77 N-D '56.

ENGLISH LANGUAGE—TERMS AND PHRASES
Phraseological units in modern English. N. A. Azarkh. Inostr. iaz. v shkole no. 6:31-35 N-D '56.

ENGLISH LANGUAGE—TRANSLATING
Terpigoreva, V.D., and M.A.Zavaritskaia. [Open-cut coal mining. Manual for translating English mining literature into Russian] Open-cut coal mining. Dobycha uglia otkrytym sposobom; uchebnoe posobie po perevodu s angliiskogo na russkii iazyk gorno-tekhnicheskoi literatury. Moskva, Ugletekhizdat. Vol. 4. 1956. 197 p.

ENGRAVINGS, JAPANESE
Moscow. Gosudarstvennyi muzei izobrazitel'nykh iskusstv. [The Japanese print of the 18th and 19th centuries; a catalog of an exhibition] IAponskaia graviura XVIII-XIX vv.; katalog vystavki. Moskva, 1956. 30 p., illus.

ENOKHOV, KONSTANTIN GERMOGENOVICH
Hundred-year-old hunters. G. Glioza. Okh. i okh. khoz. no. 11:14 N '56.

ENSEMBLES (MUSIC) see subdivision 'String ensembles' under Moscow

ENSILAGE
(see also subdivision under White Russia)
Ensilaging potatoes. F. P. Platonov. Sel'khoz. Povol. no. 10:74 O '56.
Feeding sows with corn silage. B. V. Men'shchikova. Nauka i pered. op. v sel'khoz. no. 10:46-48 O '56.
Growing phacelia for bees and for ensiling. N. Tolstikhin. Pchelovodstvo 33 no. 11:30-31 N '56.
Increasing the nutritive value of coarse feeds by means of biological treatment. E. N. Mishustin, V. A. Mirzoeva. Izv. AN SSSR. Ser. biol. no. 5:90-107 S-O '56.
Make fuller use of corn stalks for fattening cattle. V. M. Krementulo. Sots. tvar. 28 no. 11:23-25 N '56.
Work practices of leading workers in feeding silage to sheep. A. V. Modianov. Ovtsevodstvo no. 10:25-27 O '56.

ENTROPY
Constructing Fanno lines in an entropy diagram. V. V. Koshechkin. Izv. AN Kazakh. SSR. Ser. energ. no. 10:119-127 '56.

Studying the enzymology of diseased plants in connection with their resistance to micro-organisms. G. L. Farkash, Z. Kiral'. Izv. AN SSSR. Ser. biol. no. 5:47-58 S-O '56.

EOLITHIC PERIOD see Stone age

EPHEMERIDAE see May flies

EPHEMERIDES
Compilation of tables of the planets at Samarkand Observatory. G. D. Dzhallalov. Ist. -astron. issl. no. 1: 101-118 '55.
Difference between the "Guragent" table and other similar tables. G. D. Dzhallalov. Ist. -astron. issl. no. 1: 95-100 '55.

EPIDOTE see subdivision under Volhynia

EPIGRAPHY see Inscriptions

EPILEPSY
Functional state of the islands of Langerhans in epilepsy. N. N. Zakharova. Zhur. nevr. i psikh. 56 no. 10:803-806 O '56.
Sweating in symmetric areas of the body in epilepsy in children. V. M. Volovik. Zhur. nevr. i psikh. 56 no. 10: 811-817 O '56.

EPINEPHRIN see Adrenaline

EPITHELIUM
Determining the functional state of cells of the renal epithelium by in vivo staining. G. S. Krok. Sbor. trud. Khar'. vet. inst. 21:60-65 '56.
Incapsulation of foreign body by ectodermal epithelium in Rana ridibunda. Z. F. Fedorova. Biul. eksp. biol. i med. 42 no. 10:76-78 O '56.

EQUATIONS, DIFFERENCE see Difference equations

EQUATIONS, DIFFERENTIAL see Differential equations

EQUATIONS, INTEGRAL see Integral equations

EQUATIONS, LINEAR see Linear equations

ERIVAN—ARCHIVES
"Persian documents of the State Archives of Ancient Documents affiliated with the Council of Ministers of the Armenian S. S. R." Vol. 1: Decrees of the 15th and 16th centuries. Reviewed by K. Z. Ashrafian. Vop. ist. no. 10:177 O '56.

ERIVAN—THEATER
Erivan. Teatr 17 no. 11:121-122 N '56.

ERMINES see Weasles

EROSION
(see also subdivision under Caucasus, Northern; Shusha District)
Effect of erosion on soil properties and field crop yields. V. F. Trushin. Izv. TSKhA no. 2:53-60 '56.
From studies of grain crops in Stepanakert District of Nagorno-Karabakh Autonomous Province. V. V. Mishinkina. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:183-188 '56.
Loss of soluble nutrients from the soil as a result of erosion. L. A. Sulakova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:175-181 '56.
Soils and erosion in the forested steppe zone of the Lesser Caucasus according to the data obtained on the research plot. A. P. Kozhukhova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:197-207 '56.

ERYSIPELOID
Swine erysipelas and basic problems in general and special preventive measures. V. T. Kotov. Dokl. Akad. sel'khoz. 21 no. 11:29-35 '56.

ERYTHROCYTES
Erythrocyte sedimentation reaction as a diagnostic and prognostic index. M. N. Fridman. Lab. delo 2 no. 6:10-11 N-D '56.
Erythropoiesis in some animals in connection with their age. N. A. Zimogliad. Sbor. trud. Khar'. vet. inst. 21: 94-104 '56.
Length of the existence of erythrocytes from transfused cells in a recipient's body. L. M. Drobnashevskaia, N. A. Kolenko-Legezo. Vop. perel. krovi. 4:116-124 '55.
Method for expressing hemoglobin content in erythrocytes. I. I. Gitel'zon, I. A. Terskov. Lab. delo 2 no. 6:6-10 N-D '56.
Osmotic resistance of erythrocytes in malaria. G. A. Kazimov. Izv. AN Turk. SSR no. 6:74-77 '56.
Redistribution of erythrocytes in the vascular system. G. I. Mchedlishvili. Arkh. pat. 18 no. 6:68-69 '56.
Resistance of erythrocytes from defibrinated blood during prolonged preservation. Z. G. Arlozorov, O. K. Gudeliuk, G. I. Freiman. Vop. perel. krovi. 4:243-248 '55.
Transfusion of cells and a study of its detoxicating action. N. A. Kolenko-Legezo. Vop. perel. krovi. 4:125-132 '55.

ESENBERLIN, IL'IAS
The old song ("The story of a man" by Il'ias Esenberlin. Reviewed by N. Pla(ncova)). Sov. Kazakh. 22 no. 10: 119-121 O '56.

EUROPE, GEOLOGY, STRATIGRAPHIC

"Nomenclature of the upper Devonian of northwestern Europe" [in Russian] by I. Klaus. Reviewed by G. I. Nemirovskaia. Biul. MOIP. otd. geol. 31 no. 4:165-70 Jl-Ag '56.

EUROPE, PEASANTRY

Neusykhin, A. I. [The origin of a dependent peasantry as a class in early feudal society in Western Europe during the 6th - 9th centuries] Vozniknovenie zavisimosti krest'ianstva kak klassa v rannefeodal'nogo obshchestva v Zapadnoi Evrope VI -VIII vv. Moskva, Akademiia nauk SSSR, 1956. 418 p.
(DLAC)

EUROPE, EASTERN--DESCRIPTION AND TRAVEL

Central Asiatic Khazarian geography of the Volga Valley and Eastern Europe in the ninth and tenth centuries. B. N. Zakhoder. Ucb. zap. inst. vost. 14:5-30 '56.

EUROPE, EASTERN--RADIO

Wireless telephone. Radio no. 11:10 N '56.

EUROPE, EASTERN--REINFORCED CONCRETE CONSTRUCTION

Useful book [Using reinforced concrete sections in prefabricated sewers] review by N. M. Kotch and M. V. Ustinov. Mekhanizatsiia stroi. 13 no. 10:31 O '56.

EUROPE, EASTERN--RELATIONS (GENERAL) WITH RUSSIA

The most important current events. Obr. rabot. nar. DSNH 5 no. 290:12-15 N '56.

EUROPE, WESTERN--CATHOLIC CHURCH

Crisis in the Catholic camp. I. R. Lavretskii. Vop. ist. rel i ateizm no. 4:53-87 '56.

EUROPE, WESTERN--CITY PLANNING

Development of large cities abroad. A. V. Ikonnikov. Arkhit. i stroi. tekh. no. 5:30-34 N '56.

EUROPE, WESTERN--DESCRIPTION AND TRAVEL

The wider part of the world. Story of a journey on the motor ship "Pobeda" (continued). Boris Polevoi. Ogonek no. 31:12 27 Jl '56

EUROPE, WESTERN--FOREIGN ECONOMIC RELATIONS

Britain and the "European market." Mezhdunar. zhizn' no. 11:113-118 N '56

EUROPE, WESTERN--GRAPHIC ARTS

West European drawings from the Middle Ages (11th - 16th centuries). M. V. Dmitrenkova. Trudy Gos. muz. 1:31-42 '56.

EUROPE, WESTERN--MOTORBUSES

"Motorbus trends." N. Morozov, A. Sherstnev. Avt. transp. 34 no. 11:39-44 N '56.

EUROPE, WESTERN--THEATER--HISTORY

Valuable book ("Chrestomathy on the history of the western European theater," Vol. 2: Theater of the Enlightenment (18th century). 2nd ed. Reviewed by B. Purishev) Teatr 17 no. 10:125-127 O '56.

EUROPE, WESTERN--WALLS

Walls in modern environmental buildings abroad. N. P. Kosyrev. Arkhit. i stroi. tekh. no. 5:37-40 S '56.

EUROPEAN WAR, 1914-1918
(see also subdivision under Bulgaria; Russia)

Activity of the Russian government's committee in London during the First World War (1914-1917). D. N. Dubinchev. Ist. sbor. no. 21:270-282 '56.

The Communist Party as the organizer of the victory on the Eastern front in 1918. S. P. Randa, Iu. P. Petrov. Vop. ist. no. 10:3-15 O '56.

EUTECTICS

Topoanalytical investigation of equilibrium diagrams for multicomponent reciprocal systems. Part 1. [with English summary in insert] L. S. Palatnik, G. M. Kopelovich. Zhur. fiz. khim. 30 no. 9:1948-1958 S '56.

EVALUATION OF DISABILITY see Disability evaluation

EVAPORATED MILK see Milk, Condensed

EVAPORATING APPLIANCES

Using blowdown water from boilers as feed water for evaporators in thermowater plants. A. S. Khapelaier. Energetik 4 no. 8:33 N '56.

EVAPORATION see subdivision under Siberia

EVENKI NATIONAL AREA--HISTORY

Soviet Evenkia. V. N. Uvachan. Ucb. zap. Len. un. no. 185:117-144 '56.

EVIDENCE, EXPERT

Evidential importance of different kinds of expert opinion. F. F. Tiedeman. Ucb. zap. Len. un. no. 202:217-236 '56.

EVOLUTION

Astrobiology as a new segment of creative Darwinism. N. I. Sytenko. Trudy Kom. astronom. AN Kazakh. SSR 4:69-81 '55.

EXCAVATING MACHINERY

Changing methods of the oil filling of level gear drive mechanism crankcases in E-505, E-1004, and E-754 excavators. Rats. i izobr. predl. v stroi. no. 140:30-33 '56.

Determining the path of movement of the teeth of excavator buckets. A. P. Shabashov, A. S. Kozhevnikin. Stroi. i dor. mashinostr. no. 11:13-15 N '56.

Device for automatic filling of grease guns for excavators. Rats. i izobr. predl. v stroi. no. 140:31-33 '56.

Digging an open drainage system. V. V. Kulinskii. Torf. prom. 33 no. 7:30 '56.

Fidelev, A.S., N.Z.Garmash, and A.N.Turenko. [Research in excavating machinery] Issledovanie raboty zemleroinykh mashin. Kiev, Izd-vo Akademii nauk USSR, 1956. 65 p.

Gaidukevich, V. M. [Double quotas per shift with the DKA-0,25 excavator, experience of innovator N. N. Pavlov of the White Russian Highway Administration] Dve normy v smenu na ekskavatore DKA-0,25; iz opyta rabochego-novatora Dubrovskogo RSUH N. N. Pavlova. Minsk, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 30 p. (Opyt novatorov-dorozhnikov)

Hanging attachment to the E-505 excavator for leveling ditch and dam slopes. Rats. i izobr. predl. v stroi. no. 140:34-35 '56.

"Lilipat" peat excavator. Torf. prom. 33 no. 7:35 '56.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii i mekhanizatsii stroitel'stva. [Large capacity excavator buckets; a collection of designs] Ekskavatornye kovshi uvelichennoi emkosti; al'bom chertezhei. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1955. 118 p.

Red siren. Il. Rost'. Ukraina no. 31:17 N '56.

Replacing pumps by supply tanks in the system of circulating lubrication of E-505 and E-504 excavators. Rats. i izobr. predl. v stroi. no. 140:24-30 '56.

Sectional extensible buckets for trench excavators. K. A. Khrisanfovich. Nauch. trudy NII 26:71-78 '56.

EXCAVATING MACHINERY--COLD WEATHER CONDITIONS

Ditch digger with attachments for cold weather work. P. Bernatskov. Stroitel' 2 no. 2:11 F '56.

EXCAVATING MACHINERY--ELECTRIC DRIVING

An diesel-electric drive for multi-bucket excavators. M. I. Kratsberg. Stroi. i dor. mashinostr. no. 11:14-17 N '56.

EXCAVATING MACHINERY--TRANSPORTATION

Trailer for transporting excavators. A. I. Epshtein. Stroi. i dor. mashinostr. no. 11:17 N '56.

EXCAVATION

Efficient work methods of excavator operators I. M. Grigoryan, N. I. Shamro (Kharagauda Administration), and F. F. Vereshchagin (Chelyabinsk Administration). Rats. i izobr. predl. v stroi. no. 140:5-7 '56.

Excavation work on damp soils using drying rollers. Rats. i izobr. predl. v stroi. no. 140:3-4 '56.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Dura; Jerabulus, Syria; Karmir-Blur; Kiev

EXCHANGE, BILLS OF see Bills of exchange

EXCHANGE, FOREIGN see Foreign exchange

EXERCISE THERAPY

Exercise therapy in pulmonary emphysema. E. I. Ankelevich, E. A. Fierovskii. Med. sestra 15 no. 11:3-7 N '56.

Functional state of the neuromuscular apparatus in patients with sequelae of cerebrocranial trauma and its modification during fangotherapy associated with exercise therapy. L. S. Dronderskii. Zhur. nevr. i psikh. 56 no. 10:834-837 O '56.

Improved phantom limb exercise after amputation of the liver leg. E. D. Ivanenkova. Ortop., travm. i protez. 17 no. 3:61 Mr-Ap '56.

Neurovascular reaction to exercise therapy in hypertension. I. I. Khitrik. Vop. kur. fizioter. i fiz. kul't. 21 no. 4:53-56 O-D '56.

Plenum of the Commission on Physical Culture Therapy, devoted to the use of physical culture therapy in diseases of the cardiovascular system. Vop. kur. fizioter. i fiz. kul't. 21 no. 4:133-138 O-D '56.

Shrank, N. A. [Teaching walking with lockless apparating. Therapeutic gymnastics and massage in cases of paralysis from poliomyelitis; a practical manual for physicians] Obuchenie khod'be v bezzamkovykh apparatakh, lechebnaia gimnastika i massazh pri paralichakh posle poliomielita; metodicheskoe posobie dlia vrachei. Moskva, Gos. izd-vo med. lit-ry, 1956. 105 p.
(DAFM)

EXHIBITIONS see subdivision under Kharkov

EXOSTOSIS

Exostosis cartilaginea in children. I. Poppe. Ortop., travm. i protez. 17 no. 3:56-57 Mr-Ap '56.

EXPANSION (HEAT)

Coefficient of heat expansion of oils from the Groznyy region. P. F. Andreev, N. N. Poliakova. Trudy VNIGRI no. 95:422-440 '56.

EXPEDITIONS, ANTARCTIC see Antarctic regions

EXPERT EVIDENCE see Evidence, Expert

EXPLOSIONS

Measuring pressure resulting from gas mixture explosions with a piezoelectric gauge. I. S. Zheludev, V. M. Makarov. Kristallografiia 1 no. 3:370-372 '56.

EXTENUATING CIRCUMSTANCES

Slutskii, I.I. [Extenuating circumstances in criminal law] Obstoiatel'stva, iskliuchaiushchie ugolovnuiu otvetstvennost'. [Leningrad] Izd-vo Leningradskogo univ., 1956. 116 p.

EXTRACTION (CHEMISTRY)

Extraction of inorganic substances with organic solvents. A. V. Nikolaev. Khim. nauka i prom. 1 no. 5:548-554 '56.

Problem of improving the processes for extracting medicinal vegetable raw material. N. I. Terpilo. Med. prom. no. 2:32-35 Ap-Je '55.

EXTRACTION APPARATUS

Continuous De-Smet extraction installation. Masl.-zhir. prom. 22 no. 7:36-37 '56.

Extractor with inclined countercurrent evaporator. V. A. Shevelev, A. I. Ban'kovskii. Med. prom. no. 3:28-31 Jl-S '56.

Injector column for extractive recovery of substances. N. I. Gel'perin, M. P. Volynets, G. M. Kolosova. Khim. nauka i prom. 1 no. 5:560-563 '56.

EXTREMITIES (ANATOMY)—SURGERY

Intra-ossal anesthesia in surgery on the extremities. A. IA. Shtutin. Ortop., travm. i protez. no. 6:67 N-D '55.

Studies on tissue of reimplanted extremities. O. R. Bogomolova, E. D. Savchenko. Arkh. pat. 18 no. 6: 119-120 '56.

EXTREMITIES (ANATOMY)—WOUNDS AND INJURIES

Virulence of wound microflora of extremities in acute trauma and its sequelae. G. M. Belen'kaia. Ortop., travm. i protez. no. 5:52-56 S-O '55.

EXTREMITIES, LOWER—FRACTURES

Spontaneous fractures of the bones of the lower extremities in tuberculous spondylitis. IA. M. Brusilovskii. Ortop., travm. i protez. 17 no. 4:60 Jl-Ag '56.

EXTREMITIES, LOWER—SURGERY

Reimplantation of a lower extremity on a vascular-neural pedicle using Klimov's T-shaped nail. I. S. TSitkin. Ortop., travm. i protez. no. 6:64-65 N-D '55.

EXTRUSION (METALS)

Experimental study of specific flow stresses during extrusion pressing. L. D. Sokolov, M. A. Zaikov, N. A. Chelyshev. Trudy Sib. met. inst. no. 2:62-68 '55.

EYE

Belostotskii, E. M., and A. IA. Vilenkina. [The fundus of the eye in hypertonia] Glaznoe dno pri gipertonicheskoi bolezni. Moskva, Trest "Meduchposobie," 1956. 175 p. (DNLM)

Position change of ocelli in larvae of p. Rhitpogena (Ephemeroptera) during postembryonic development. A. A. Sadovskii. Trudy Zool. inst. AN Gruz. SSR 14:261-269 '56.

EYE—ACCOMODATION AND REFRACTION

Effectiveness of correcting ametropia in children. V. I. Borishpolet. Vest. oft. 69 no. 5:15-18 S-O '56.

EYE—CANCER

Chancroid of the orbit in a cow. IA. P. Pustovar, T. G. TSymbal. Sbor. trud. Khar'k. vet. inst. 21:398-405 '56.

EYE—DISEASES AND DEFECTS

Defective eye sight caused by congenital anomaly in the development of the eye. B. A. Beliaev. Vest. oft. 69 no. 5:93 S-O '56.

Larvae of the fly Wohlfahrtia magnifica in the conjunctival sack of the eye and the lacrymal tract in man. T. V. Zubareva. Vest. oft. 69 no. 5:92-93 S-O '56.

Local application of sodium sulfathiazole in ophthalmologic practice. A. M. Vodovozov, G. D. Lovlia, N. D. Blank. Vest. oft. 69 no. 5:75-77 S-O '56.

Subluxation of the crystalline lens in chalcosis of the eye. N. V. Golubitskaia. Vest. oft. 69 no. 5:65-68 S-O '56.

Toxoplasmosis of the eye. Z. A. Kaminskaia-Pavlova. Vest. oft. 69 no. 5:40-43 S-O '56.

EYE—DISEASES AND DEFECTS—ABSTRACTS

[Abstracts of Soviet medical literature: Eye diseases.] Sovetskoe meditsinskoe referativnoe obozrenie: Glaznye bolezni no. 10 '56. (DNLM)

EYE—MOVEMENTS

Movements of the eyes during the shifting of fixation point. A. L. IArbus. Biofizika 1 no. 1:76-78 '56.

New method for recording movements of the eye. A. L. IArbus. Biofizika 1 no. 3:713-720 '56.

EYE—SURGERY

Tenotomy by A. B. Chubukov's method in concomitant strabismus. Kh. O. Vulach. Vest. oft. 69 no. 5:13-15 S-O '56.

EYE—TUBERCULOSIS

Mineral contents of the blood in tuberculosis of the eye treated by vitamin $D_2$ and streptomycin. E. I. Gasparian. Vest. oft. 69 no. 5:36 S-O '56.

EYE—WOUNDS AND INJURIES

Burns of the eyes by alkali glue. V. V. Krasnovidov, O. A. Dzhaliashvili. Vest. oft. 69 no. 5:89 S-O '56.

Dissolving impregnating lime. A. A. Alekseev. Vest. oft. 69 no. 5:90 S-O '56.

Experience in the prevention of eye injuries in the metal-working industry. I. M. Naiman, B. D. Kleiba. Vest. oft. 69 no. 5:28-32 S-O '56.

Injury of the eye caused by fuzz from a live caterpillar. R. A. Gundorova. Vest. oft. 69 no. 5:39-40 S-O '56.

Prevention of symblepharon after burns of the eyeball and eyelids. E. E. Andrezen, E. A. Lebedinskaia, E. O. Rivkina. Vest. oft. 69 no. 5:22-25 S-O '56.

EYELIDS

Examination of the conditioned blinking reflex in glaucoma patients before and after surgery. N. N. Bokhon. Vest. oft. 69 no. 5:53-58 S-O '56.

FABRICS, WATERPROOFING OF see Waterproofing of fabrics

FAÇADES

Cleaning façades by the method of sandblasting. A. B. Urevich. Arkhit. i stroi. Len. no. 3:45 S '56.

FACTORIES

Technical education rooms in factories. V. Solov'ev. Prof.-tekh. obr. 13 no. 11:30-31 N '56.

FACTORIES—HEATING AND VENTILATION

Effective method of ventilating and heating industrial buildings. V. Bakharev, V. Troianovskii. Sots. trud no. 9:91-92 S '56.

FACTORY AND TRADE WASTE

New designs for acid water disposal systems. V. S. Tabuknashvili. Stroi. pred. neft. prom. 1 no. 8:26-27 O '56.

FACTORY MANAGEMENT

Effect of the scale of production on the selection of production processes used in the machinery industry. I. E. Vardanian. Sbor. nauch. trud. ErPI no. 10:101-109 '56.

FAMILY

(see also subdivision under Kartlia)

Great reward. IAfima Fur's. Rab. i stal. 32 no. 12:9 D '56.

It isn't true, they do have a father. T. Novikova. Krest'ianka 35 no. 12:28-29 D '56.

FANG CHIH-MIN, 1900-1936

Militant life. Ling He. Nar. Kit. no. 21:25-29 N '56.

FANS, MECHANICAL

Some problems of further development of mine fan design. V. S. Dulin. Gor. zhur. no. 10:46-48 O '56.

FAR EAST—OCEANOGRAPHIC RESEARCH

Chemical research of the Institute of Oceanography of the Academy of Sciences of the U. S. S. R. in Far Eastern seas and in adjoining areas of the Pacific Ocean. S. V. Bruevich. Trudy Inst. okean. 17:16-40 '56.

FARAMINIFERA, FOSSIL see subdivision under Kara-Tau; Turgay Gates

FARKHAD RESERVOIR—FRESH-WATER BIOLOGY

Benthos of the Farkhad Reservoir. V. E. Ozhegova. Trudy AN Tadzh. SSR 21:99-109 '54.

FARM ANIMALS see Domestic animals

FARM BUILDINGS

Drying rooms and storehouses for ear corn. M. D. Zyma. Mekh. sil'. hosp. 7 no. 10:5-7 O '56.

Finish and open each house more rapidly. L. G. Lapinskii. Sovkhoz. proizv. no. 10:58-60 O '56.

FARM CROPS see Field crops

FARM ENGINES

Podd'iakov, N.V., and IU.N.Kuz'min. [Operation and repair of steam engines used in agriculture] Ekspluatatsiia i remont lokomobilei v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 190 p.

Some remarks on Comrade Zaglyna'kyi's article. M. L. Stepushov. Mekh. sil'. hosp. 7 no. 11:3 of cover N '56.

FARM EQUIPMENT

Cart for the PCA-12 electric shearing unit. N. L. Mielkonov. Mekh. sil'. hosp. 7 no. 10:25-26 O '56.

Concrete feeder for cows. K. Novalchuk. Sel'. stroi. 11 no. 10:16 O '56.

Mechanized removal of silage from silos. I. M. Korevin, O. IA. Kovalenko. Sots. tvar. 26 no. 11:42-46 N '56.

Movable platforms for picking fruit. S. D. Kas'ian. Sad. vin. Mold. 11 no. 5:54-55 S-O '56.

FARM IMPLEMENTS see Agricultural implements

FARM LIFE

Conference on motion pictures with collective farm themes. Isk. kino no. 10:112-113 O '56.

FARM MACHINERY see Agricultural machinery

FARM MANAGEMENT

One shift. E. N. Tashchev. Nauka i pered. op. v sel'khoz. no. 10:26-27 O '56.

Planning operational centers on collective farms in Bryansk Province. F. Lebedeva. Sel'. stroi. 11 no. 10:12-15 O '56.

Work effectiveness of composite crews. A. Anisimov. Sots. sel'khoz. 17 no. 7:33-37 '56.

FARM MECHANIZATION

(see also subdivision under Aleksandrovka District; Estonia; United States; White Russia)

Initiative worthy of attention. P. Efremov. Sovkhoz. proizv. no. 10:60 O '56.

Mechanization of labor-consuming operations. P. Zaplatin. MTS 16 no. 10:10-11 O '56.

Methods for determining the level of agricultural mechanization. B. M. Levin. Kolkh. Bel. 4 no. 10:21 O '56.

Special aspects of agricultural mechanization and the use of agricultural machinery. A. IA. Radchenko. Nauk. zap. Inst. ekon. AN URSR no. 4:33-55 '55.

Strelkov, M.N. [Assembling equipment on a stock farm] Montazh oborudovaniia na zhivotnovodcheskikh fermakh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 139 p.

Utilization of machinery in agriculture. M. Kolosov. MTS 16 no. 11:20-22 N '56.

FARM MECHANIZATION—STUDY AND TEACHING

Evropin, IU.P. [Laws of physics in the mechanization of agriculture; programs for general study groups in rural clubs] Zakony fiziki v mekhanizatsii sel'skogo khoziaistva; programma dlia obshchеobrazovatel'nogo kruzhka v sel'skom klube. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 47 p. (Bibliotechka sel'skogo klubnogo rabotnika)

New elements in the training of machine operators. Prof.-tekh. obr. 13 no. 11:1-2 N '56.

The students' contribution. R. Dergatov. Prof.-tekh. obr. 13 no. 11:23 N '56.

FARM PRODUCE—COSTS

(see also subdivision under White Russia)

Lower the cost of labor per production unit. N. Popovich, I. Bratchenko. MTS 16 no. 11:17-19 N '56.

FARM PRODUCE—MARKETING

Problems in the development of collective farm trade. I. Ignatov. Sov. torg. no. 11:9-11 N '56.

Slatin, I. M. [Government procurement of agricultural products in the U. S. S. R.] Gosudarstvennye zagotovki sel'skokhoziaistvennykh produktov v SSSR. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 46 p.
DS

FARMHOUSES see subdivision under Estonia; Lithuania

FARMING see Agriculture

FARMS—ACCOUNTING see Agriculture—Accounting

FASHION

(see also subdivision under Paris)

Fashions. Krest'ianka 35 no. 12:30-31 D '56.

Fashions. Rab. i stal. 32 no. 12:24 D '56.

Fashions. Sov. zhen. 12 no. 12:42-44 D '56.

For the winter season. E. Solov'eva. Prom. koop. no. 11:40 N '56.

FAT

Effect of the quality and quantity of fat in food on utilization of calcium by growing animals. E. N. Vasil'eva. Vop. pit. 15 no. 6:11-16 N-D '56.

FATTY ACIDS see Acids, Fatty

FAURE, EDGAR, 1908-

My greetings to all Soviet people. Edgar Faure. Ogonek 34 no. 45:14 N '56.

FAYALITE

Fayalite quartzite of the right bank group of magnetic anomalies. N. I. Polovko. Dop. AN URSR no. 4:301-303 '56.

FEDOROV, EVGRAF STEPANOVICH, 1853-1919

E. S. Fedorov and contemporary crystallography. O. M. Anasheles. Trudy Inst. ist. est. i tekh. 10:13-18 '56.

E. S. Fedorov and crystallochemistry. O. B. Bokii. Trudy Inst. ist. est. i tekh. 10:19-27 '56.

E. S. Fedorov and the Academy of Sciences. I. I. Shafranovskii. Trudy Inst. ist. est. i tekh. 10:28-65 '56.

[illegible]

[illegible]

[illegible]

FERTILIZERS AND MANURES (Continued)
Fertilizing tea plantations of the Lenkoran' region in the subtropics of Azerbaijan. G. A. Talybly. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:111-117 '55.
Foliar fertilization of sugar beets. A. Savkovich. Kolkh. Bel. 4 no. 8:10 Ag '56.
Granulation of a peat-mineral mixture by rolling. A. A. Kulikovskii. Trudy Inst. torf. AN BSSR 5:118-144 '56.
How fertilizers applied to the cover crop affect yields of perennial grasses. A. S. Tovmasian. Ud. i ur. 1 no. 11: 50-52 N '56.
Implement for piling manure. I. A. Erovchenkov. Ud. i ur. 1 no. 11:57-58 N '56.
Importance of various types of nitrogen fertilizers. I. G. Rozhdestvenskii. Sakh. svekl. no. 8:35-38 O '56.
Increasing the effectiveness of organomineral fertilizer mixtures. M. IA. Finkel'shtein. Ud. i ur. 1 no. 11:27-29 N '56.
Increasing the effectiveness of plant fertilizing system. P. A. Vlasiuk, P. Z. Lisoval. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:18-67 '51.
Increasing the yield of spring wheat. M. S. Darmenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:211-231 '52.
Interrelationship between organic and mineral fertilizers given to root crops. P. A. Vlasiuk, P. I. Mel'nichuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:68-80 '51.
Mechanization of the preservation and utilization of manures. P. I. Kondratiuk. Mekh. sil'. hosp. 7 no. 11: 30-31 N '56.
Mineral nutrition of plants in connection with the clipping of roots. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:133-145 '48.
Nutrition of plants and the increase of crop yields. P. A. Vlasiuk. Mich. uch. na sluzh. nar. no. 3:133-154 '55.
Physiological causes of the increase in the drought resistance of cultivated plants under the effect of fertilizers. A. V. Lazurskii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:86-97 '51.
Physiological importance of periodical feeding of plants. V. P. Popov. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:87-104 '48.
Priimak, A.K. [Fertilizers in fruit culture] Udobrenie plodovykh kul'tur. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1955. 236 p. (DA)
Prospects for using neutralized ammonium nitrates in the Chernozem region of the U. S. S. R. F. V. Turchin. Ud. i ur. 1 no. 11:30-37 N '56.
Regulating the sugar content of grapes by means of fertilizers. L. N. Naidenov. Sad. vin. Mold. 11 no. 5: 23-25 S-O '56.
Resistance of the Aujesky's disease virus in manure. V. S. Nikitina. Sbor. trud. Khar'. vet. inst. 21:245-248 '56.
Results of applying various amounts of mineral fertilizers to an apple orchard in Kuba District. G. G. Sardarova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:119-126 '55.
Results of evaluating manure stored under aerobic and anaerobic conditions. P. A. Vlasiuk, K. M. Dobrotvorskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:269-274 '52.
Results of three years' research on the application of granulated fertilizers to cotton in the Azerbaijan S. S. R. V. A. Pisemskaia. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:97-110 '55.
Root nutrition and the resistance of cabbage seedlings to vascular bacteriosis [with English summary in insert]. A. S. Ryzhkova. Fiziol. rast. 3 no. 5:399-404 S-O '56.
Some agrochemical characteristics of the exposed sandy bottom soils of Lake Sevan. V. L. Ananian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:81-92 O '56.
System for using fertilizers in a crop rotation on leached Chernozems of the central Chernozem region. M. P. Shevelev, V. M. Perepelitsa. Ud. i ur. 1 no. 11:12-19 N '56.
UMPF-4 machine for the procurement of peat for use as fertilizer and the peat record system. V. A. Bodilovskii, F. A. Malyshev, M. V. Anuchkin. Trudy Inst. torf. AN BSSR 5:32-46 '56.
Use of fertilizers in planting apple trees. E. I. Slesareva. Sad i og. no. 10:52-54 O '56.
Using NN-O, 75 loaders for fertilizer loading. S. Girnets. MTS 16 no. 11:31-32 N '56.
Using the D-159 bulldozer and the SKF-4 scraper for winning peat to be used as fertilizer. I. Z. Galenchik. Trudy Inst. torf. AN BSSR 5:47-76 '56.
Utilization of mineral fertilizers by corn. E. P. Muzychkin. Ud. i ur. 1 no. 11:41-45 N '56.
Utilizing brown coal of a high ash content and its by-products to improve the quality of manure. P. A. Vlasiuk, I. M. Bernshtein. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:172-177 '51.
Winning peat for use as fertilizer by means of the peat method. F. A. Malyshev. Trudy Inst. torf. AN BSSR 5:85-105 '56.

FERTILIZERS AND MANURES—EXHIBITIONS
Fertilizers at the All-Union Industrial Exhibition. G. P. Gaus. Ud. i ur. 1 no. 11:3-5 N '56.

FERULA
Effect of food stocks of Rhombomys opimus Licht. on the population density and distribution of fleas in the rodent burrows [with English summary in insert]. A. I. Diatlov. Zool. zhur. 35 no. 9:1406-1409 S '56.

FEUDALISM see subdivision under Georgia; Iran

FIBERS—DRYING
Types of driers for flax and hemp mills. P. M. Mikhailov, L. G. Freishtadt. Tekst. prom. 16 no. 9:46-47 S '56.

FICTION, HISTORICAL see Historical fiction

FIELD CROPS
The optimal acidity of granulated superphosphate for rye, wheat, and beets. F. A. Gorlunova. Uch. zap. Mosk. un. no. 166:39-46 '56.
Preparing seeds for spring sowing is an urgent task. A. S. Ivanov. Sel'khoz. Povol. no. 10:22-25 O '56.

FIELD MICE see subdivision under Turkmenistan; Yaroslavl Province

FIELD MICE—PARASITES see Parasites—Field mice

FIELD THEORY
Chain systems in mesons fields. I. S. Arzhanykh. Dokl. AN SSSR 110 no. 3:351-354 S '56.
Note on the theory of bilocal fields. G. Raiskii. Zhur. eksp. i teor. fiz. 31 no. 4:705-706 O '56.
Nucleon-meson dynamics in strong coupling. Part 1. Approximate method. Spin-charge motion. S. I. Pekar. Zhur. eksp. i teor. fiz. 30 no. 2:304-316 F '56.
Nucleon-meson dynamics in strong coupling. Part 2. Ground and isobaric states, charge and spin of the nucleon. V. N. Baier, S. I. Pekar. Zhur. eksp. i teor. fiz. 30 no. 2:317-329 F '56.
Theory of Raiskii's bilocal fields. V. A. Zhirnov. Zhur. eksp. i teor. fiz. 30 no. 2:425-426 F '56.

FIELDS, ALGEBRAIC
Algebraic field units of the third and fourth order. K. K. Billevich. Mat. sbor. 40 no. 1:123-136 S '56.

FIG see subdivision under Moldavia

FILARETE, ANTONIO, 1400-1470
Treatise by Antonio Averlino Filarete on architecture. B. P. Mikhailov. Soob. Inst. ist. isk. no. 7:111-136 '56.

FILATOV, VLADIMIR PETROVICH, 1875-1956
V. P. Filatov; obituary. Visnyk AN URSR 27 no. 11:79-80 N '56.

FILIPPO, EDUARDO DE, 1900-
My teacher Eduardo de Filippo. Aiki Zoi-Sevastikoglu. Teatr 17 no. 11:144-153 N '56.

FILLING STATIONS see Service stations

FILTERS AND FILTRATION
Filter analysis of ceramic suspensions. N. K. Antonevich. Stek. i ker. 13 no. 10:17-21 O '56.
Fireproofing of filter cloths. I. Berlin. Muk.-elev. prom. 22 no. 10:23-24 O '56.
Low-capacity water purification and oxygen removal equipment manufactured by the Ministry of Heavy Machinery Manufacturing. Prom. energ. 11 no. 11:3 of cover N '56.
The use of vacuum filters for dehydration of ceramic dross. IA. M. Syrkin, L. A. Bernshtein, K. M. Kiseleva. Stek. i ker. 13 no. 10:22-26 O '56.

FINANCE
Carry out continuous control over the accumulation of the factory fund. B. Kutsenko. Fin. SSSR 17 no. 11:70-72 N '56.
Economic importance and methods of the revaluation of fixed assets. P. Bunich. Fin. SSSR 17 no. 11:18-23 N '56.
Economics conference. V. Kostogiodov. Den. i kred. 14 no. 11:44-45 N '56.
Follow-up on our material. Fin. SSSR 17 no. 11:84-86 N '56.
For closer ties between the State Bank and financial organs. B. Smirnov. Den. i kred. 14 no. 11:38-40 N '56.
Pay attention to workers' letters, petitions, and complaints. Fin. SSSR 17 no. 11:3-7 N '56.
Readers' suggestions. Fin. SSSR 17 no. 11:79-83 N '56.

FINANCE—HISTORY
Confusion in the interpretation of problems in the history of Russian finance of the prerevolutionary period. ("Outline history of the finances of prerevolutionary Russia (16th-20th centuries)" by A. P. Pogrebinskii. Reviewed by P. R. Syromiatnikov). Nauch. zap. Len. fin.-ekon. inst. no. 8:207-224 '55.
State financial control in prerevolutionary Russia. V. Mitrofanov. Fin. SSSR 17 no. 11:86-94 N '56.
Troitskii, S. M. [Finance and financial policy of Russia in the middle of the 18th century. Abstract of a dissertation for the degree of candidate of the historical sciences] Finansy i finansovaia politika v Rossii v seredine XVIII veka. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata istoricheskikh nauk. Moskva, Moskovskii gos. istoriko-arkhivnyi institut, 1956. 16 p.

FINANCE—STUDY AND TEACHING
The planning of research in economics and finance in the U. S. S. R. P. L. Kovan'kovskii. Obz. vazhn. sob. SSSR 3 no. 102:19-27 D '56.

FINANCIAL STATEMENTS
Prepare the compilation of 1956 reports in model fashion. Bukhg. uchet 15 no. 11:1-4 N '56.

FINGERS—ABNORMITIES AND DEFORMITIES
Arachnodactyly and ectopy of the crystalline lenses with retinal detachment. D. M. Aronov. Vest. oft. 69 no. 5: 77-78 S-O '56.
Surgical treatment of Dupuytren's contractures by a simplified combined method; preliminary report. P. D. Topalov. Ortop., travm. i protez. 17 no. 1:56-57 Ja-F '56.

FINGERS—SURGERY
Local plastic surgery for cicatricial contractures of the fingers. A. A. Limberg. Ortop., travm. i protez. 17 no. 3:46-54 My-Je '56.
Plastic surgery of cicatricial skin contractures of the fingers. A. A. Limberg. Ortop., travm. i protez. 17 no. 1:3-9 Ja-F '56.

FINLAND—APARTMENT HOUSES
Modern dwelling architecture in Finland; a traveller's impressions. I. V. Makovetskii. Soob. Inst. ist. isk. no. 7:137-154 '56.

FINLAND—ARCHITECTURE
Modern dwelling architecture in Finland; a traveller's impressions. I. V. Makovetskii. Soob. Inst. ist. isk. no. 7:137-154 '56.

FINLAND—RELATIONS (GENERAL) WITH RUSSIA
Ambartsumov, E. A. [Soviet-Finnish relations] Sovetsko-finliandskie otnoshenila. Moskva, Gos. izd-vo polit. lit-ry, 1956. 103 p.

FIRE EXTINCTION—STUDY AND TEACHING
Improve the training of voluntary firemen. P. Gorenkov. Muk.-elev. prom. 22 no. 10:24 O '56.

FIRE PREVENTION
Pay more attention to fire safety measures during film showings. I. Marchenko. Kinomekhanik no. 11:29-30 N '56.
Unsuccessful pamphlet ("Fire prevention measures." N. V. Sokolov. Reviewed by D. Lavrov). Avt. transp. 34 no. 10:39 O '56.

FIREBRICK
Laboratory investigation of coke-oven dinas brick containing iron oxides (from "Brennstoff Chemie," 37 no. 9/10 '56). Koks i khim. no. 7:61 '56.

FIREPROOFING
Fireproofing of filter cloths. I. Berlin. Muk.-elev. prom. 22 no. 10:23-25 O '56.

FIREWEED
Studying the nutritive and ensiling qualities of phacelia and willow herb. G. V. Kopel'kievskii. Pchelovodstvo 33 no. 11:25-30 N '56.

FIRST AID IN ILLNESS AND INJURY
A handbook which requires revision ("Some first-aid in injuries and acute surgical diseases" by V. N. Khodkov. Reviewed by I. T. Stol'mukhi). Fel'd. i akush. 21 no. 11:58-59 N '56.
Treating food poisonings and first-aid measures. B. G. Zheldak. Fel'd. i akush. 21 no. 11:30-41 N '56.

FISH, FROZEN see subdivision under Bergen, Norway

FISH AS FOOD
Effect of the flesh of certain species of fish on the secretory function of the stomach. L. E. Mkrtchian. Vop. pit. 15 no. 6:30-36 N-D '56.

FISH CULTURE
(see also subdivision under Don Valley; Kura Delta)
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Poultry breeding and pond fish culture" pavilion; a guidebook] Pavil'on "Pitsevodstvo i prudovoe khoziaistvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.
Outstanding Russian ichthyologist O. A. Grimm and his role in the development of Russian pond culture [with English summary in insert]. V. A. Movchan, N. P. IArmoshenko. Zool. zhur. 35 no. 9:1370-1378 S '56.
Panchenko, Oles', [Technique of fishing and fish culture. (With 88 illustrations). The fish and the hook, Semi-commercial and commercial fishing, Fish breeding, Most common diseases in fish and the technique of processing fish] Tekhnika rybal'stva i rybnitstva. (Z 88 maliunkami). Ryba i hachok, Napivpromyslovyi ta promyslovyi lov ryby, Rybnytstvo, Naiposhyrenishi khoroby ryb ta tekhnika pererobky ryby. Vyd. dryhe. Na chuzhyni, Universal'na bibliioteka [n.d.] 144 p.

FISH OIL
Continuously working distiller of fish oil miscella. V. P. Novikov. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:162-181 '54.

FISH PONDS—EXHIBITIONS
Ponds at the Exhibition. I. V. Marchenko. Nauka i pered. op. v sel'khoz. no. 10:42-43 O '56.

[illegible]

[illegible]

[illegible]

FLUORESCENCE MICROSCOPY
Microspectrophotometry of protein inclusions in plant cells. M. Gol'din, V. Brodskii, F. Fedotina. Zhur. ob. biol. 17 no. 5:393-395 S-O '56.

FLUORIDES
Study of solubility in the system: NaF - AgF - $H_2O$ at 25° C. D. A. Abdullaev, Sh. T. Talipov, N. Babaev. Trudy SAGU no. 55:125-128 '54.
Study of the solubility in the system: $CrF_3$ - KF - $H_2O$ at 25°. Sh. T. Talipov, T. I. Fedorova. Trudy SAGU no. 40:48-55 '53.
Study of the solubility in the system: $MgF_2$ - AgF - $H_2O$ at 25° C. Sh. T. Talipov, D. A. Abdullaev, M. V. Kirsanova. Trudy SAGU no. 40:43-46 '53.

FLUORINE
Quantitative determination of fluorine in insoluble fluorides by means of distillation as boron fluoride. Z. T. Maksimycheva, Sh. T. Talipov. Trudy SAGU no. 55:129-134 '54.
Ryss, I. G. [The chemistry of fluorine and its inorganic compounds] Khimiia ftora i ego neorganicheskikh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 718 p.
Volumetric determination of fluorine in tetrafluoborates. Z. T. Maksimycheva, SH. T. Talipov, A. M. Koginova. Zav. lab. 22 no. 7:791-794 '56.

FLUORINE—PHYSIOLOGICAL EFFECT
Effect of fluorine preparations (sodium fluoride and sodium fluosilicate) on the organism of horses. G. D. Adamets. Sbor. trud. Khar'. vet. inst. 22:321-326 '54.

FLUORINE COMPOUNDS
Fluorine preparations as anthelmintics. A. F. Nosik, G. D. Adamets. Sbor. trud. Khar'. vet. inst. 21:380-393 '56.
Sodium fluoride and sodium fluosilicate as anthelmintics in ascaridiasis in dogs. G. D. Adamets. Sbor. trud. Khar'. vet. inst. 21:384-390 '56.

FLYSCH see subdivision under Yenisey Ridge

FLYWHEELS
Analytic methods of calculating flywheel mechanisms. A. P. Kostiuk. Trudy KHIIT no. 26:143-155 '56.
Determining optimal parameters for flywheels; methods of calculation. IA. I. Shefter. Trudy VIM 22:92-110 '56.
Using flywheels in wind-power installations. IA. I. Shefter. Trudy VIM 22:61-91 '56.

FODDER see Feeding and feeding stuffs

FOLDING MACHINES
Some aspects of calculating the performance and modernizing plate-folding machines. P. S. Gus'kov. Nauch. trudy MPI no. 4:45-63 '56.

FOLDS (GEOLOGY) see subdivision under Azerbaijan

FOLIC ACID
Antagonistic relationship between sulfanilamide and folic acid in the growth of wheat and synthesis of chlorophyll. V. N. Gershanovich, G. L. Mednik, IA. A. Epshtein. Biokhimiia 21 no. 5:612-615 S-O '56.

FOLK DANCES see subdivision 'Dancing—Folk and national dances' under Kazakhstan

FOLK LITERATURE
Vorob'ev, P. G. [Studying folk literature in class 5 of the secondary schools; teacher's manual] Izuchenie ustnogo narodnogo tvorchestva v V klasse srednei shkoly; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 77 p. (Iz opyta uchitelia)

FOLK SONGS, DUNGAN
New materials concerning the traditional Dungan folk song [with English summary in insert]. B. L. Riftin. Sov. vostokoved. no. 5:118-129 '56.

FOLK TALES see Folk literature

FOOD
The food and domestic utensils of the Lithuanian peasants in the 19th and beginning of the 20th centuries. V. K. Milius. Trudy Inst. etn. 32:127-169 '56.

FOOD—ANALYSIS
Cobalt content of certain food products of vegetable origin. K. V. Meleshko. Vop. pit. 15 no. 6:43-47 N-D '56.
Comparative studies on methods of determining proteins in food products. G. A. Manuilova. Vop. pit. 15 no. 6: 36-39 N-D '56.
Residual quantities of arsenic in vegetable food products from substances exposed to insecticides containing arsenic. M. I. Krylova. Vop. pit. 15 no. 6:39-42 N-D '56.

FOOD ADULTERATION AND INSPECTION
Reisler, A. V., and A. I. Shtenberg. [Sanitary inspection of food products; general principles and sampling] Sanitarnaia ekspertiza pishchevykh produktov; obshchie printsipy i vzlatie prob. Moskva, Gos. izd-vo med. lit-ry, 1950. 146 p.
[MICROFILM]

Training of food hygienists. S. M. Stremlina. Vop. pit. 15 no. 6:47-48 N-D '56.

FOOD INDUSTRY
Bedrosova, P. I., and M. P. Ivanova. [For an increase in the variety and quality of goods; experience of the Leningrad "Gastronom" store] Za rasshirenie assortimenta i povyshenie kachestva tovarov; iz opyta leningradskoi kontory "Gastronom." Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 30 p.
Development of light and food industries in the sixth five-year plan. N. Tarasov. Plan. khoz. no. 5:55-67 '56.
Level and structure of the consumption of food commodities. R. Nazarov. Sov. torg. no. 10:20-24 O '56.

FOOD POISONING
Treating food poisonings and first-aid measures. B. G. Zheldak. Fel'd. i akush. 21 no. 11:39-41 N '56.

FOOT—ABNORMITIES AND DEFORMITIES
Orthopedic footwear in drop foot. V. A. Kiselev. Ortop., travm. i protez. 17 no. 1:44 Ja-F '56.

FORAGE PLANTS
Cherepakhin, M. K. [Dense seeding in the rotation of forage crops] Uplotnennye posevy v kormovykh sevooborotakh. Rostov-na-Donu, Rostovskoe kn-vo, 1954. 22 p. (DA)
[Grain and forage crops.] Zernovye i kormovye kul'tury no. 12 D '56.
[Grain and forage crops.] Zernovye i kormovye kul'tury no. 1 Ja '57.

FORAMINIFERA
Results of the study of Foraminifera in U. S. S. R seas. Z. G. Shchedrina. Vop. mikropaleont. no. 1:23-36 '56.

FORAMINIFERA, FOSSIL
Evolution of the genus Monotaxis. N. E. Brazhnikova, M. V. IArtseva. Vop. mikropaleont. no. 1:62-66 '56.
Lower taxonomic units in the systematics of Foraminifera. D. M. Ravzer-Chernousova. Vop. mikropaleont. no. 1:5-22 '56.
Methods of studying the microstructure of the shell of certain Cenozoic Foraminifera in polarized light. V. A. Krasheninnikov. Vop. mikropaleont. no. 1:37-48 '56.
The new family, Lasiodiscidae. E. A. Reitlinger. Vop. mikropaleont. no. 1:69-78 '56.
New species of foraminifera of the epistominid family. O. K. Kaptarenko-Chernousova. Dop. AN URSR no. 2: 157-161 '56.
Species formation and systematics of Jurassic Epistominids. O. K. Kaptarenko-Chernousova. Vop. mikropaleont. no. 1:49-61 '56.
Stenofacies and euryfacies species of Foraminifera. V. A. Krasheninnikov. Biul. MOIP. Otd. geol. 31 no. 3:116 My-Je '56.

FORECASTING, WEATHER see Weather forecasting

FOREIGN BODIES (SURGERY)
Incapsulation of foreign body by ectodermal epithelium in Rana ridibunda. Z. F. Fedorova. Biul. eksp. biol. i med. 42 no. 10:76-78 O '56.

FOREIGN EXCHANGE
Bystrov, F. P., and G. S. Lopatin, eds. [International settlement and foreign exchange among the peoples' democracies] Mezhdunarodnye raschety i valiutnye otnoshenila stran narodnoi demokratii. Moskva, Vneshtorgizdat, 1956. 126 p.

FOREST FAUNA see subdivision under Rumania

FOREST INFLUENCES see subdivision under Georgia

FOREST INSECTS
(see also subdivision under Carpathian Mountain region)
The handbook "Forest pest." Reviewed by S. A. Mirzoian. Les. khoz. 9 no. 11:83-84 N '56.

FOREST MANAGEMENT
(see also subdivision under Caucasus, Northern; Georgia)
Valuable contribution to forestry literature on forest management ("Silvicultural principles of forest management in the U. S. S. R." G. P. Motovilov. Reviewed by I. M. Naumenko and others). Les. khoz. 9 no. 11:82-83 N '56.

FOREST ROADS
Kuznetsov, F. I. [Speedy construction of logging roads] Skorostnoe stroitel'stvo lesovoznykh dorog. Moskva, Goslesbumizdat, 1956. 127 p. (V pomoshch' stroitelliam lesozagotovitel'nykh predpriiatii)

FOREST SOILS
Conference on forest soil science. E. V. Runov. Izv. AN SSSR. Ser. biol. no. 5:118-121 S-O '56.
Effect of liming on the properties of forest soils. V. I. Klimov. Izv. TSKhA no. 2:169-178 '56.
Effect of tree leaf fall on the intensity of ammonification of forest soils. A. P. Vizir. Dop. AN URSR no. 2: 181-184 '56.

Ways of cultivating soil in clear-cut areas for furthering natural regeneration. G. V. Miakotino. Les. khoz. 9 no. 11:75-79 N '56.

FORESTATION see Afforestation; Reforestation

FORESTS AND FORESTRY
(see also subdivision under Caucasus, Northern; Germany, East; Gorkiy Province; Lena Valley; Peter the First Range; Ukraine; White Russia)
Comrade Shipulin is right. A. G. Dmitriev. Les. khoz. 9 no. 11:70-71 N '56.
Farfetched theory ("General forestry" by V. G. Nesterov. Reviewed by L. Alaev). Bot. zhur. 41 no. 8:1217-1221 Ag '56.
Give all possible support to the young friends of the forest. Les. khoz. 9 no. 11:7-9 N '56.
A new series of "Sel'so" booklets - "Lesnik i ch"ezdchik." I. I. Gushchin. Les. khoz. 9 no. 11:96 N '56.
Thirty-ninth anniversary of the Great Socialist October Revolution. Les. khoz. 9 no. 11:3-6 N '56.

FORESTS AND FORESTRY—ACCOUNTING
Business accounting has become a reality. F. A. Gritsai. Les. khoz. 9 no. 11:60-61 N '56.
Business accounting in forest working circles. A. V. Chirkov. Les. khoz. 9 no. 11:48-55 N '56.
Our proposals. M. M. Trubnikov. Les. khoz. 9 no. 11: 55-60 N '56.

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES
D-174B brush cutter for the regeneration of stands. D. I. Deriabin. Les. khoz. 9 no. 11:62-65 N '56.

FORESTS AND FORESTRY—EXHIBITIONS see subdivision under White Russia

FORESTS AND FORESTRY—MENSURATION
Kolosova, A. E., N. I. Beliaev, and M. P. Danichev. [Use of enlarged small scale aerial photographs in forest mensuration work] Ispol'zovanie uvelichennykh melkomasshtabnykh aerosnimkov pri lesoustroitelnykh rabotakh. Moskva, Goslesbumizdat, 1956. 56 p.
Original method and device for determining the density of stands. V. Gorshechnikov. Les. khoz. 9 no. 11: 92-94 N '56.

FORGING
(see also subdivision under Ural Mountain region)
Blaikovskaia, V. S., and F. F. Rusanov. [The economics of a new-type forge shop] Ekonomika kuznitsy novogo tipa. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 146 p.
Pressure resistance in the minor deformations range. N. A. Cholyshev. Trudy Sib. met. inst. no. 2:56-61 '55.

FORGING MACHINERY
Synthesis of equal-arm crankgear mechanisms for automatic two-stroke cold upsetting machines. A. T. Gazarov. Sbor. nauch. trud. ErPI no. 10:9-17 '56.

FORK LIFT TRUCKS
Testing small-sized loaders. A. Kogan, G. P. Efimov, N. M Dolgov. Vest. TSNII MPS 15 no. 2:61 S '56.

FORMATION, HEAT OF see Heat of formation

FORMOSA—HISTORY
Ch'ing, Ju-chi. [History of American aggression in Taiwan. Translated from the Chinese] Istoriia amerikanskoi agressii na Taivane. Perevod s kitaiskogo B. Zanegina. Vstup. stat'ia L. Deliusina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 143 p.

FORMS (CONCRETE CONSTRUCTION) see Concrete construction—Formwork

FORTIFICATIONS, OLD see subdivision under Gorkiy

FOUNDATIONS
Calculating foundation elements. IA. M. Nemirovskii. Strol. prom. 34 no. 10:30-33 O '56.
Calculation of impact loading for foundations with widened upper parts. A. A. Bagrakov. Trudy TASHIIT no. 5: 207-220 '56.
Determining normal stresses in soil by the method of "freezing" deformations. I. A. Adylkhodzhaev. Trudy TASHIIT no. 5:241-264 '56.
Dismountable hexahedral plug for anchor bolts. Stroitel' 2 no. 3:13 Mr '56.
Dranishnikov, P. I. [Foundations for rural buildings and structures] Fundamenty sel'skikh zdanii i sooruzhenii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitektury USSR, 1956. 68 p.
Effect of temperature and water permeability of concrete of structures under water pressure on the distribution of pressure in their foundations. V. P. Kirakosov. Gidr. Strol. 26 no. 10:27-32 N '56.
Experience with building precast slab houses on shallow foundations. L. I. Danilovskaia, V. D. Matveev, G. F. Shishkanov. Trudy Khab. IIT no. 9:87-93 '56.

FOUNDATIONS (Continued)

Kirakosov, V. P. [Investigation of seepage in concrete structures subject to water pressure] Issledovanie fil'tratsii v postroennykh vodopodpornykh betonnykh sooruzheniiakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 233 p.

Making precast concrete foundation blocks in construction yards. IA. R. Besser, A. K. Gaiduk. Nov. tekh. i pered. op. v stroi. 16 no. 5:7-10 My '56.

On laying foundations on frozen ground. G. F. Shishkanov, V. D. Matveev. Trudy Khab. IIT no. 9:77-86 '56.

P'ikulin, S.M. [New method of laying foundations for turbine installations] Novyi metod ustanovki na fundamento turbogregatov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 39 p.

Precast hollow foundation blocks made of stiff concrete. G. N. Izrailis. Biet. i zhel.-bet no. 11:305-306 N '56.

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva, Tekhnicheskoe upravlenie. [Instructions for deep solidification of weak saturable soil by means of sand piles in laying foundations of building and structures] Instruktsiia po glubinnomu uplotneniiu slabykh vodonasyshchennykh gruntov peschanymi svaiami pri ustroistve osnovanii i sooruzhenii (I 108-55/Minstroi). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 44 p.

FOUNDING
(see also subdivision under Kolomna)

Precision casting. I. Krymskii. Prof.-tekh. obr. 13 no. 11:15-16 N '56.

Velnik, A. I. [Heat conductivity testing of paints for molds] Ispytanie kokil'nykh krasok na teploprovodnost'. Moskva, Mashgiz, 1956. 231 p.
(NNC)

FOURIER'S SERIES

Absolute and uniform convergence of Fourier's series of almost periodic functions. N. P. Kuptsov. Mat. sbor. 40 no. 2:157-170 O '56.

Approximate conformal mapping by means of conjugate trigonometric series. G. A. Nikolaeva. Dokl. AN SSSR 110 no. 2:160-163 S '56.

Some new theorems on the transformation of Fourier's series using multipliers. M. G. Skvortsova. Uch. zap. Ped. inst. Gertsa. 125:197-205 '56.

FRACTURES

Antitoxic hepatic function in fractures of the long bones as affected by some physical factors. D. A. Kogan, V. N. Pilovitskaia, L. I. Sulupina. Ortop, travm. i protez. 17 no. 3:60 My-Je '56.

Unilateral fat embolism of the central artery of the retina in fractures of the long shaft bones. M. V. Zaikova. Vest. oft. 39 no. 5:91-92 S-O '56.

Healing of experimental fractures in cases of radiation sickness after osteosynthesis with metal pins. S. E. Kushkarov, P. V. Sipovskii. Med. rad. 1 no. 5:65-72 S-O '56.

New method in the surgical treatment of nonunited fractures of the femur neck. A. M. Aminev. Ortop., travm. i protez. 17 no. 1:18-21 Ja-F '56.

Possibility of cementing bones in fractures; experimental study. G. V. Golovin. Vest. khir. 77 no. 10:125-133 O '56.

Surgical treatment of fractures of the long bones by metal pins and Klimov's T-shaped nail. M. M. Zubtsova. Ortop., travm. i protez. no. 6:60-67 N-D '55.

FRAMES (STRUCTURES) see Structural frames

FRANCE—APARTMENT HOUSES

Industrial methods of building apartment houses in France. N. N. Danilov. Stroi. prom. 34 no. 10:42-45 O '56.

FRANCE—BONUS SYSTEM

A bonus for the entire plant in French industry ("The plant bonus" [in French] by A. Boyer, J. Dubois. Reviewed by V. Subbotin. Sots. trud no. 9:125-127 S '56.

FRANCE—CHEMISTRY, TECHNICAL

A month spent among the chemists of France. A. D. Petrov, N. I. Shutkin. Khim. nauka i prom. 1 no. 5:583-588 '56.

FRANCE—CHORAL SINGING

Singing France. Il'ia Holodenko. V zashch. mira no. 65:90-93 O '56.

FRANCE—COST AND STANDARD OF LIVING

Worsening of the economic condition of French workers. Mezhdunar. zhizn' no. 10:119-121 O '56.

FRANCE—FOREIGN RELATIONS—GERMANY, WEST

Talks in Bonn. Mezhdunar. zhizn' no. 11:113-115 N '56.

FRANCE—GLIDERS (AERONAUTICS)

French record-holding "Breguet-901" glider. Kryl. rod. 7 no. 8:23-24 Ag '56.

FRANCE—GRAPES—VARIETIES

Improving table-grape varieties in France. G. M. Karadzhi, IA. S. Chemberdzhi. Sad. vin. Mold. 11 no. 5:35-37 S-O '56.

FRANCE—HISTORY

The Russian Revolution of 1905-1907 and the rise of the revolutionary movement in France. A. Z. Manfred. Dokl. i soob. Inst. ist. no. 9:130-144 '56.

FRANCE—MOTORBUSES

Independent heating and ventilation systems. L. Koz'min. Avt. transp. 34 no. 11:39 N '56.

FRANCE—PALEONTOLOGY

Visiting French paleontologists. IU. A. Orlov. Izv. AN SSSR. Ser. biol. no. 5:110-115 S-O '56.

FRANCE—POLITICAL PARTIES

Split in the Radical Party. Mezhdunar. zhizn' no. 11:122-123 N '56.

FRANCE—POLITICS AND GOVERNMENT

France in 1956. B. Leont'ev. Mezhdunar. zhizn' no. 11:83-91 N '56.

FRANCE—RADIO RELAY SYSTEMS

FH-675 radio relay apparatus. N. N. Kamenskii. Elektrosviaz' 10 no. 11:34-43 N '56.

FRANCE—RAILROADS—FREIGHT

Transferless freight transport. Vest. TSNII MPS 15 no. 2:63 S '56.

FRANCE—RAILROADS—RAILS—TESTING

Using a supersonic defectoscope on the French railroads. V. I. Angeleiko. Vest. TSNII MPS 15 no. 1:59-60 Ag '56.

FRANCE—WOOL CARDING

Modern methods and equipment for carding operations. Tekst. prom. 16 no. 9:64-65 S '56.

FRANCKEITE

Discovery of franckeite. T. M. Matsokina-Voronvich. Zap. Uz. otd. Vses. min. ob-va no. 6:117-119 '54.

FRANKLIN, BENJAMIN, 1706-1790

B. Franklin as a leader of the national liberation movement of the American people. I. A. Beliavskaia. Vop. ist. no. 10:32-45 O '56.

FRANKO, IVAN, 1856-1916

Brahinets', A.S. [Ivan Franko, outstanding atheist and enlightener] Ivan Franko vydatnyi ateist-prosvitytel'. [L'viv] Vyd-vo L'viva'koho univ., 1956. 66 p.

The centenary of I. Franko's birth. N. F. Filippova. Vest. AN SSSR 26 no. 11:114-115 N '56.

Doroshenko, L.I. [The esthetics of labor in Ivan Franko's poetical works] Estetyka pratsi v poetychnii tvorchosti Ivana Franka. [L'viv] Vyd-vo L'viva'koho univ., 1956. 56 p.

Gorbach, N. I., and L. P. Maliasheva. [I. Franko, champion of friendship between the Ukrainian and Russian peoples] I. Franko - pobornyk druzhby ukraina'koho i rosiis'koho narodiv. [Kyiv] Vyd-vo Kyiva'koho derzhavnoho univ. im. T. H. Shevchenka, 1956. 18 p.

Historical fraternal bonds are strengthening. Kyryl Vasyliev. Mystetstvo no. 5:31 S-O '56.

Ivan Franko. V. Gebot'. Sov. voin 36 no. 16:24 Ag '56.

[Ivan Franko in the recollections of his contemporaries] Ivan Franko u spohadakh suchasnykiv. L'viv, Knyzhkovo-zhurnal'no vyd-vo, 1956. 502 p.

Kyryliuk, IEvhen. [Ivan Franko, the great Ukrainian writer; on the centenary of his birth (1856-1956)] Ivan Franko - velikii ukrainskii pisatel'; k 100-letiiu so dnia rozhdeniia (1856-1956). Simferopol', Krymizdat, 1956. 57 p.

The last May in Ivan Franko's life. Mar'ian Kolodii. Zhovten' 6 no. 11:70-74 N '56.

One hundredth anniversary of the birth of Ivan Franko. S. T. Lit. v shkole 17 no. 6:88-90 N-D '56.

Problems facing Soviet studies of Franko works. Oleksandr Bilets'kyi. Zhovten' 6 no. 11:63-70 N '56.

Rudnyts'kyi, M. I. [Ivan Franko's creative work] Tvorchi budni Ivana Franka. [L'viv] Vyd-vo L'viva'koho univ, 1956. 31 p.

FRANKO IN LITERATURE AND ART

Portrayal of Ivan Franko in motion pictures. R. Hardonin. Mystetstvo no. 5:28-30 S-O '56.

FREE THOUGHT

The free thinking of the painter Aleksandr Ivanov; on the 150th anniversary of his birth. V. M. Zummer. Vop. ist. rel. i ateiz. no. 4:160-181 '56.

"Letter of Thrasybulus to Leucippus" by N. Fréret. IU. A. Kogan. Vop. ist. rel. i ateiz. no. 4:354-393 '56.

"Original heresy": the history of Russian free thought from the end of the 15th to the middle of the 18 century. A. I. Klibanov. Vop. ist. rel. i ateiz. no. 4:203-229 '56.

Persecution of Russian freethinkers in the second half of the 18th century; based on materials of the Secret Expedition. IU. IA. Kogan. Vop. ist. rel. i ateiz. no. 4: 182-202 '56.

FREEZING see Ice

FREIGHT CARS see Railroads—Freight cars

FRENCH LANGUAGE—ARTICLE

Iltia, L. I. [The article in French; a teacher's manual] Artikl' vo frantsuzskom iazyke; posobie dlia prepodavatelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 110 p.

FRENCH LANGUAGE—STUDY AND TEACHING

Classroom use of the French language textbook for class 5 by M. A. Bakhareva, Z. V. Kalacheva, E. K. Chaplina. Inostr. iaz. v shkole no. 6:61-66 N-D '55.

Methodological remarks on the textbook ("French language" by M. A. Bakhareva, Z. V. Kalacheva for class 5 of the secondary school. Reviewed by Willi Zimmerman). Inostr. iaz. v shkole no. 6:108-109 N-D '56.

FRENCH LANGUAGE—SYNTAX

Nature of the interaction between the parts of a complex sentence and a relative connection. M. S. Gurycheva. Inostr. iaz. v shkole no. 6:10-20 N-D '56.

FRENCH LANGUAGE—VERB

Consultation. Inostr. iaz. v shkole no. 6:110-117 N-D '56.

FRENCH LITERATURE—HISTORY AND CRITICISM

Democratic almanacs in France in 1830-1835. T. K. IAkimovich. Uch. zap. Inst. mir. lit. 2:130-164 '56.

FRENCH PERIODICALS

Why the Vatican condemned the French Catholic periodical "La Quinzain." R. E. Godunov. Vop. ist. rel. i ateiz. no. 4:423-431 '56.

FREQUENCY CURVES

Frequency method of determining the derivatives of transfer functions. B. M. Kagan. Avtom. i telem. 17 no. 11:1035-1037 N '56.

FRÉRET, NICOLAS, 1688-1749

"Letter of Thrasybulus to Leucippus" by N. Fréret. IU. A. Kogan. Vop. ist. rel. i ateiz. no. 4:354-393 '56.

FRESCO PAINTING see Mural painting and decoration

FRESH-WATER BIOLOGY see subdivision under Farkhad Reservoir; Iora River

FRIT FLIES see subdivision under White Russia

FROGS

Morphology of the lumbosacral plexus of frogs. S. A. Gasanov. Uch. zap. AGU no. 7:65-72 '55.

FROST RESISTANCE OF PLANTS see Plants—Frost resistance

FROZEN GROUND
(see also subdivision under Verkhne-Teplovskii District)

Drills for the BIK-10 machine for boring holes in frozen ground. E. G. Korobova. Prom. energ. 11 no. 11:25 N '56.

On laying foundations on frozen ground. G. F. Shishkanov, V. D. Matveev. Trudy Khab. IIT no. 9:77-86 '56.

FRUIT—CHEMICAL COMPOSITION

TSerevitinov, F.V. [Chemistry and the marketing of fresh fruits and vegetables] Khimiia i tovarovedenie svezhikh plodov i ovoshchei. Izd. 3-e, perer. i dop. Moskva, Gostorgizdat, 1949. 1 v.
(NIC)

FRUIT—DISEASES AND PESTS see subdivision under Azerbaijan

FRUIT—HARVESTING

Movable platforms for picking fruit. S. D. Kas'ian. Sad. vin. Mold. 11 no. 5:54-55 S-O '56.

FRUIT—MARKETING

TSerevitinov, F.V. [Chemistry and the marketing of fresh fruits and vegetables] Khimiia i tovarovedenie svezhikh plodov i ovoshchei. Izd. 3-e, perer. i dop. Moskva, Gostorgizdat, 1949. 1 v.
(NIC)

FRUIT—PRESERVATION

Manufacture of candied fruits. P. Pastukhov. Sov. torg. no. 11:32-33 N '56.

FRUIT—STORAGE

Lower the loss of fruit in storage. T. K. Fedotova. Sad i og. no. 10:64-65 O '56.

FRUIT CULTURE
(see also subdivision under Altai Territory; Groznyy Province; Kashka-Darya Province; Moldavia; Stalingrad Province; Ukraine; White Russia)

Calendar for vegetable growers, fruit growers, and viticulturists. Sad i og. no. 10:78 O '56.

Fruit culture and viticulture in the area served by the Durleshtsk Machine-Tractor Station. G. O. Gabelok, A. S. Gupshpun. Sad. vin. Mold. 11 no. 5:4-8 '56.

"Orchard Week." Sad i og. no. 10:3-5 O '56.

Primak, A.K. [Fertilizers in fruit culture] Udobrenie plodovykh kul'tur. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1956. 236 p.
(DA)

FRUIT CULTURE (Continued)

Scientific conference of representatives of higher institutions. Sad. vin. Mold. 11 no. 5:63-64 S-O '56.

Selection of varieties for collective farm orchards. N. Storozhev. Sad i og. no. 10:54-55 O '56.

Stepanov, P. A., N. M. Pavlova, and N. I. Koroleva. [The collective farm orchard] Kolkhoznyi sad. Izd. 4-e, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 288 p. (DA)

Tenth anniversary of the Michurin Society. F. A. Bynov. Sad i og. no. 10:62-64 O '56.

Three million rubles of profits from fruit growing on a collective farm. D. A. Gofman, L. IA. Bliaskin. Kolkh. Bel. 4 no. 10:26-27 O '56.

Tillage practice in orchards. G. M. Kompaniets. Sad i og. no. 10:50-52 O '56.

FRUIT JUICES

Chemical composition and quality of grape juices. A. T. Markh, A. IA. TSviling. Sad. vin. Mold. 11 no. 5:49-50 S-O '56.

FRUIT TREES

Effect of hexachloran on the root growth of fruit trees. A. S. Matvievskii. Sad i og. no. 10:55-56 O '56.

Restoration of old bearing pome fruit orchards. V. P. Makarovskii. Sad i og. no. 10:55-56 O '56.

Subsurface drainage in orchards and parks. F. V. Ignatenok. Sad i og. no. 10:56-58 O '56.

FRUMINA, ANNA EFREMOVNA, 1886-

Anna Efremovna Frumina; on her 70th birthday and 45th anniversary of her medical and scientific activities. Ortop., travm. i protez. 17 no. 3:73-74 My-Je '56.

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925

Sirotinskii, S.A. [Arsenii's career; a biographical sketch of M.V.Frunze] Put' Arsenia; biograficheskii ocherk o M.V.Frunze. Moskva, izd-vo Ministerstva obor. SSSR, 1956. 238 p.

FRUNZE—HOSPITALS, GYNECOLOGIC AND OBSTETRIC

Model maternity hospital. I. M. Novikov. Fel'd. i akush. 21 no. 10:38-40 O '56.

FUEL

Bugaets, T. A., and V. I. Vil'chinskii. [Manual on railroad fuel and fuel storage] Spravochnik po toplivu i toplivno-skladskomu khoziaistvu zheleznykh dorog. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 483 p.

Conversion of a turbocharged four-stroke engine from liquid to mixed fuel. G. K. Kharpach. Energ. biul. no. 11:14-17 N '56.

Fuel supply for gas power installations. N. V. Shishakov. Biul. Kom. po gazosil. ust. no. 2:9-17 '47.

Ravich, M. B. [Fuel in the sixth five-year plan] Toplivo v shestoi platiletke. Moskva, Gos. izd-vo polit. lit-ry, 1956. 69 p.

Use of radioisotopes for fuel control in bunkers in power plants. E. M. Lobanov, V. M. Krivosheev. Energetik 4 no. 11:4-6 N '56.

FUEL PUMPS

Device for testing fuel pump pressure valves. G. Geinrikh. Tekhsov. 17 22:15-16 N '56.

Useful instrument. K. Starostin. MTS 16 no. 10:38 O '56.

Using the TA-55a testing bench for regulating fuel pumps. G. Ustiukhin. Tekhsov. MTS 17 no. 22:9-10 N '56.

FUGUE

Zolotarev, V. A. [The fugue; a manual for practical study] Fuga; rukovodstvo k prakticheskomu izucheniiu. Izd. 2-oe. Obshchaia red. S. V. Evseeva. Moskva, Gos. muzykal'noe izd-vo, 1956. 412 p.

FUMAGILLIN

Treating nosema with fumagillin. T. V. Vinogradova. Pchelovodstvo 33 no. 11:47 N '56.

FUNCTIONAL ANALYSIS

Completeness of the eigen- and associate functions of a non self-adjoint differential operator. V. B. Lidskii. Dokl. AN SSSR 110 no. 2:172-175 S '56.

On a nonlinear functional in "C." K. A. Bokhan. Uch. zap. Ped. inst. Gerts. 125:157-164 '56.

On two methods for the approximate calculation of eigenvalues and eigenvectors. B. P. Pugachev. Dokl. AN SSSR 110 no. 3:334-337 S '56.

Some tauberian theorems for double series. I. S. Ogievetskii. Dokl. AN SSSR 110 no. 3:330-333 S '56.

FUNCTIONS

Extension of functions satisfying the Lipschitz condition in the metric. V. K. Dzladyk. Mat. sbor. 40 no. 2:239-242 O '56.

Frequency method of determining the derivatives of transfer functions. B. M. Kagan. Avtom. i telem. 17 no. 11:1035-1037 N '56.

Univalent functions in multiple connected domains. M. E. Alenitsyn. Mat. sbor. 39 no. 3:315-336 Jl '56.

FUNCTIONS, ANALYTIC

Certain classes of analytical functions in a circular ring. V. A. Zmorovich. Mat. sbor. 40 no. 2:225-236 O '56.

Interpolation of functions analytic in a circle. G. D. Troshin. Mat. sbor. 39 no. 2:239-252 Je '56.

Nonlinear boundary value problem in analytic functions. V. K Natalevich. Nauch. trudy NPI 26:455-459 '55.

Some problems in the history of the theory of analytic functions. S. E. Belozerov. Trudy Inst. ist. est. i tekh. 15:169-205 '56.

Some properties of analytical functions of special classes. L. O. Dunduchenko. Dop. AN URSR no. 2: 119-122 '56.

FUNCTIONS, ELLIPTIC

On the boundedness in L of the derivatives of solutions of elliptical equations and elliptical systems. A. I. Koshelev. Dokl. AN SSSR 110 no. 3:323-326 S '56.

FUNCTIONS, ENTIRE

"Types" of an integral function of two complex variables. L. I. Ronkin. Mat. sbor. 39 no. 2:253-266 Je '56.

FUNCTIONS, ORTHOGONAL

Unconditional convergence almost everywhere. P. L. Ul'ianov. Mat. sbor. 40 no. 1:95-100 S '56.

Using the method of orthogonal polynomials in the solution of some problems of analysis and synthesis of multistage amplifiers. S. V. Samsonenko. Radiotekh. i elektron. 1 no. 5:623-626 My '56.

FUNCTIONS, POTENTIAL see Potential, Theory of

FUNCTIONS OF SEVERAL VARIABLES

Extension of functions of several variables with the preservation of differential properties. S. M. Nikol'skii. Mat. sbor. 40 no. 2:243-268 O '56.

$\mathcal{U}$-term tabulation, a reduction of the number of experiments in compiling the "initial table" and a splitting of empirical functions of three or four variables. L. IA. Neishuler. Dokl. AN SSSR 110 no. 2:176-179 S '56.

Uniqueness of the representation of functions of many variables by a superposition of unctions of a smaller number of variables in Banach spaces. V. A. Trenogiun. Dokl. AN SSSR 110 no. 2:184-187 S '56.

FUNDAMENTAL PARTICLES see Particles, Elementary

FUNGI, PHYTOPATHOGENIC

(see also subdivision under Azerbaijan)

Study of the diseases of some fruit varieties in the Nukha-Zakataly zone of Azerbaijan. G. R. Ibragimov, Z. A. Akhmedzade. Uch. zap. AGU no. 1:81-87 '56.

FUNGICIDES

Efimov, A. L. [Manual on the use of poisons in combatting plant diseases and pests] Spravochnik po primeneniiu iadov dlia bor'by s vreditelliami i boleznami rastenii. Izd. 6-e, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 431 p. (DA)

Fungicidal properties of the protein layer in the chicken egg. G. P. Korotkova. Biul. eksp. biol. i med. 42 no. 10:69-71 O '56.

Studying the action of certain organic substances on Epidermophyton Kaufmann-Wolf and Trichophyton gypseum. M. F. Hamatein. Stud. nauk. pratsi no. 20: 141-147 '56.

FUR

Kuznetsov, B. A. [Karakul and broadtail (fundamentals of the trade) Karakul' i smushka; osnovy tovarovedeniia. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1955. 302 p., illus.

FUR-BEARING ANIMALS

(see also subdivision under White Russia)

Increase the population of fur-bearing animals. A. Kondratenko. Okh. i okh. khoz. no. 11:6-8 N '56.

FURALDEHYDE

Comparative evaluation of the use of albomycin and furacillin in the treatment of infected wounds; experimental study. V. M. Uglova. Vest. khir. 77 no. 10:73-80 O '56.

FURMANOV, DMITRII ANDREEVICH, 1891-1926

Vladimirov, G. P. [Problems in the works of D. A. Furmanov; articles] Problemy tvorchestva D. A. Furmanova; stat'i. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 274 p.

FURNACES

Building industrial furnaces of heatproof concrete. I. G. Alferov. Stroi. prom. 34 no. 11:5-9 N '56.

Burning some Kazakh coals in a cyclone furnace. A. V. Tonkonogii, I. P. Basina. Izv. AN Kazakh. SSR. Ser. energ. no. 10:103-113 '56.

Pipe tinning furnace. I. Kurguzov. Moloch. prom. 17 no. 7:35 '56.

FURNACES—MODELS

Rekhtman, A. IA., B. L. Markov, and V. A. Krivandin. [Plant laboratories making hydraulic models of metallurgical furnaces] Zavodskaia laboratoriia gidravlicheskogo modelirovaniia metallurgicheskikh pechei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 83 p.

FURNACES, HEAT TREATING

Determining the duration of the processing time of materials in the refinery by the method of radioactive indicators. V. F. Kniazev, O. V. Travin. Zav. lab. 22 no. 9:1071-1072 '56.

FURNITURE—EXHIBITIONS see subdivision under Moscow

FURNITURE—TRANSPORTATION

Semi-trailer for transporting furniture. G. Bazilevich. Avt. transp. 34 no. 11:15-16 N '56.

FURNITURE INDUSTRY see subdivision under Moscow; Novaya Odessa District

FUSAIN

The nature of fusain formation and its causes. G. D. Petrovskii. Izv. AN Turk. SSR no. 4:36-44 '56.

FUSION

Internal rotation in polymer chains and their physical properties. Part 4. Theory of fusion of crystal polymers. M. V. Vol'kenshtein. Zhur. tekh. fiz. 26 no. 10: 2287-2292 O '56.

Supplements to fusibility diagrams for the systems nepheline-kaliophilite-silica and orthoclase-albite-anorthite. V. S. Sobolev. Min. sbor. no. 10:69-76 '56.

GALAXY see Milky Way

GALES see Winds

GALL GNATS

Stem gall gnats and their control. S. K. TSygankov. Sad i og. no. 10:66-67 O '56.

GALLAIT, LOUIS, 1810-1887

Louis Gallait's paintings in the Hermitage collection. K. F. Asnovich. Trudy Gos. erm. 1:178-190 '56.

GALLERIES AND MUSEUMS see subdivision under Gorki (Moscow Province)

GALLIUM COMPOUNDS

Gallium arsenic selenides. N. A. Goriunova, V. S. Grigor'eva. Zhur. tekh. fiz. 26 no. 10:2157-2161 O '56.

GALLS (BOTANY)

Trophic characteristics of the root knot nematode. S. G. Miuge. Zhur. ob. biol. 17 no. 5:300-309 S-O '56.

GALVANOMETER

Construction of a sensitive galvanometer. M. S. Morgulis. Fiz. v shkole 16 no. 6:47-50 N-D '56.

GAMA, VASCO DA, 1469-1524

Vlazov, E. I. [Vasco Da Gama; discoverer of the sea route to India] Vasko da Gama; pervootkryvatel' morskogo puti v Indiiu. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 37 p. (Zamechatel'nye geografy i puteshestvenniki)

GAME AND GAMEBIRDS—PARASITES see Parasites—Game and gamebirds

GAME LAWS see subdivision under Ukraine

GAME PRESERVES see subdivision under Oka Valley

GAME PROTECTION

Forward to the communist victory! Okh. i okh. khoz. no. 11:3-5 N '56.

In a hunting district. M. Ingor. Okh. i okh. no. 11:11-13 N '56.

GAMES see subdivision under Lvov

GAMMA RAYS

Compton effect observed on recoil electrons. V. S. Barashenkov. Zhur. eksp. i teor. fiz. 31 no. 4:694-695 O '56.

Energy distribution of gamma quanta emitted by gamma-radiation point sources in infinite sand media. V. V. Matveev, A. D. Sokolov, R. S. Shitapnikov. Atom. energ. no. 4:57-62 '56.

Investigating the angular distribution of gamma quanta in positron annihilation in various substances. K. A. Baskova, B. S. Dzhelepov. Izv. AN SSSR. Ser. fiz. 20 no. 8: 951-955 Ag '56.

Radiochemical research instrument using a Co gamma radiation source with an activity of 280 g-equ. of radium. A. Kh. Breger, V. A. Belynskii, S. D. Prokudin. Atom. energ. no. 4:131-136 '56.

Relative distribution of depth doses in case of exposures to gamma-quanta emitted by $Co^{60}$ and a Ra complex. I. V. Porotkov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:174-186 '56.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

GUP-80-0, 5-1 gamma-ray apparatus for industrial radioscopy. Vest. elektroprom. 27 no. 5:67 My '56.

Use of radioisotopes for fuel control in bunkers in power plants. E. M. Lobanov, V. M. Krivosheev. Energetik 4 no. 11:4-6 N '56.

GAMMA RAYS—SAFETY MEASURES

Protection from X and gamma rays. A. V. Biberg-al', U. IA. Margulis. Biofizika 1 no. 1:68-75 '56.

GAMMA RAYS see Radiation

[illegible] see Gas, Natural

GAS, [illegible] AND NATURAL GASOLINE

[illegible] see subdivision under Italy, White Russia

GASOLINE see

[illegible] see subdivision under Ukraine

GASOLINE, [illegible]

[illegible] see subdivision under Gas, Natural

GAS, NATURAL

[illegible] see subdivision under Gas, Natural

GAS, NATURAL—STORAGE

[illegible] see subdivision under Landscape gardening; under Rava Ruska (oil region, Galicia, Ukraine)

GAS AND OIL ENGINES

[illegible] see subdivision under Gas turbines

GAS AND OIL ENGINES—FUEL

[illegible] see subdivision under Fuel

GAS AND OIL ENGINES—STARTING

[illegible] see subdivision under Starting

GAS, NATURAL

[illegible] see subdivision under Gas, Natural

GAS, NATURAL—STORAGE

[illegible] see subdivision under Gas, Natural

GAS AND OIL ENGINES

[illegible] see subdivision under Gas turbines

GAS AND OIL ENGINES—FUEL

[illegible] see subdivision under Fuel

GAS AND OIL ENGINES—STARTING

[illegible] see subdivision under Starting



Resolution of the second conference on the conversion of stationary internal combustion engines from liquid fuel to gas convened July 10-22, 1944 by the All-Union Scientific Society of Power Engineers and the Commission of Gas Power Installations in conjunction with the Power Engineering Institute of the Academy of Sciences of the U.S.S.R. Biul. Kom. po gazogen. ust. no. 2:48-49 '47.

State of work on the conversion of internal combustion engines from liquid fuel to gas and the outlook for the development of gas power installations. A. B. Chernyshev. Biul. Kom. po gazogen. ust. no. 2:3-8 '47.

GAS DETECTORS

Mine methane gas detectors. G. Tatianchenko. Mast. ugl. 7 no. 10:20-21 O '58.

GAS DISTRIBUTION

Investigation of the vertical temperature distribution effect in gases and vapors. V. S. Martynovskii, V. P. Alekseev. Zhur. tekh. fiz. 28 no. 10:2303-2315 O '58.

Selection, installation and city gas supply systems. M. I. Ravikovskaia, M. S. Shishigina. Gaz. prom. no. 8:15-20 Je '58.

GAS FLOW

Calculation of free turbulent streams of a compressible gas. I. A. Vulis. Izv. AN Kazakh. SSR. Ser. energ. no. 10:87-102 '56.

Mixing gases by means of jets. I. A. Vulis. Teploenergetika 1 no. 12:17-21 D '58.

Solution of inhomogeneous, two-dimensional motion problems in magnetic gas dynamics. S. A. Kaplan, K. P. Stanyukovich. Zhur. eksp. i teor. fiz. 30 no. 2:382-385 F '56.

GAS GOVERNORS

Automatic control of gas pressure at city regulating stations. I. S. Isrunova. Gaz. prom. no. 6:31-38 '56.

Calculating the amount of gas measured by rheometers. I. I. Pelenkov. Zav. lab. 22 no. 9:1113-1114 '56.

GAS MANUFACTURE AND WORKS
(see also subdivision under Kiev)

High heating value gas produced from agricultural wastes. V. Ivanov. Gaz. prom. no. 6:35-37 Je '58.

Investigating the process of shale dust gasification. A. M. Gurvich, M. I. Saar. Gaz. prom. no. 6:8-11 Je '58.

GAS METERS

Device for measuring the speed and volume of liquid and gas flows. N. A. Mel'tsov, I. M. Romanov, A. G. Shalagin. Zav. lab. 22 no. 9:1114-1116 '56.

GAS PIPES

Berodia, I. V. [Use of asbestos-cement piping in the construction of gas mains] Primenenie asbestotsementnykh trub pri sooruzhenii gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1951. 247 p.

[MICROFILM]

Electric generating installation for feeding cathodic protection stations for gas pipelines. M. S. Brekhman, V. I. Gorodetskii. Gaz. prom. no. 8:31-33 Je '58.

GAS PRODUCERS

Bituminous coke as stockbreeding farms. M. P. Voronina'skyi. Mekh. sil'. hosp. 7 no. 11:27-29 N '56.

Fuel supply for gas power installations. N. V. Shishakov. Biul. Kom. po gazogen. ust. no. 2:9-17 '47.

Orlo, L. P. [Gas generators for power in agriculture] Stiorre gazogeneratornye ustanovki dlia sel'skogo khoziaistva. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 195 p.

Improving individual elements of gas producing stations. V. A. Matveev, IA. B. Irodskii, N. A. Bakaki. Gaz. prom. no. 6:11-15 Je '56.

Investigation of a high-intensity [illegible] turbine installations. Kn. 1. Ko[illegible] Teploenergetika 3 no. 11:37-42

State of work on the conversion [illegible] engines from liquid fuel to gas [illegible] development of gas power insta[illegible] sher. Biul. Kom. po gazogen. u[illegible]

Work of the Commission on Gas [illegible] conjunction with the Krzhizhan[illegible] ing Institute of the Academy of [illegible] B. V. Kantorovich. Biul. Kom. [illegible] 42-45 '47.

GAS TURBINE LOCOMOTIVES
(see also subdivision under D[illegible]

Gas turbine locomotive with two [illegible] E. T. Barinok, A. M. Evtushenk[illegible] Vest. TSNII MPS 15 no. 1:3-6

GAS TURBINES
(see also subdivision under [illegible]

Manufacturing welded austenitic [illegible] experience of the Leningrad M[illegible] the Central Scientific Researc[illegible] er and Machinery Manufacturi[illegible] Martianov. Energomashinos[illegible] '58.

GAS WELDING AND CUTTING

Gas welding using kerosene. [illegible]

Vladimirskii, T.A., and A.S.Fal'kevich. [Equipment and experience in welding under gas pressure] Oborudovanie i opyt primeneniia gazopressovoi svarki. Moskva, Gos. mashino-tekhn. izd-vo mashinostroit. lit-ry, 1952. 114 p.

[MICROFILM]

GAS WELLS see Gas, Natural

GASES

Final cooling of gas in connection with the use of tar for removing naphthalene from water. S. G. Faingol'd, A. I. Shevchenko. Koks i khim. no. 7:32-36 '56.

Span from gas. Georgii Blok. Ogonek 34 no. 40:12-13 N '56.

GASES—ANALYSIS

Chromatographic methods for gas analysis. N. M. Turkel'taub, A. A. Zhukhovitskii. Zav. lab. 22 no. 9:1032-1039 '56.

Improvements in the determination of gases in metals by the method of vacuum melting. A. G. Atlasov. Zav. lab. 22 no. 7:795-801 '56.

Method for determining the amount of gas escaping into the crankcase through the ring. A. A. Rymkevich. Energ. biul. no. 11:18-23 N '56.

GASES—BIBLIOGRAPHY see Bibliography—Gases

GASES—IONIZATION see Ionization of gases

GASES, ELECTRIC DISCHARGES THROUGH see Electric discharges through gases

GASES IN THE BLOOD see Blood, Gases in

GASIFICATION OF COAL see Coal gasification

GASOLINE

Application of a mixing injector for neutralizing gasoline. M. Z. Maksimenko. Neftianik 1 no. 11:20-21 N '56.

Hermetic fueling of automobiles with ethyl gasoline. G. Kul'pin. Tekhnov. MTS 17 no. 22:10-12 N '56.

GASOLINE SERVICE STATIONS see Service stations

GASTRIC JUICE

Bactericidal properties of the gastric juice of horses. K. IA. Gribanovskaia, A. M. Smirnov. Veterinariia 33 no. 12:30-33 D '56.

Effect of the flesh of certain species of fish on the secretory function of the stomach. L. E. Mkrtchian. Vop. pit. 15 no. 6:30-36 N-D '56.

Protein decomposition products in the gastric juice in some urological diseases. M. G. Solovei. Urologiia 21 no. 1:20-25 Ja-Mr '56.

GASTROSTOMY see Abdomen—Surgery; Stomach—Surgery

GAUGES

Instrument for testing the degree of drying in farms and rods. L. O. Sokulovskii. Stroi. i dor. mashinostr. no. 11 no. 11:39 N '56.

GAY-LUSSAC, JOSEPH LOUIS, 1778-1850

Once upon a time... Tekh. mol. 24 no. 11:30 N '56.

GEAR CUTTING

Dynamics of gear grinding and its effect on precision in machining gear wheels. A. V. Podkol, A. V. IAkimov. Trudy MAI no. 70:44-56 '56.

GEAR-CUTTING MACHINES

Basic parameters of generating racks used for cutting circle-arc spur gear teeth. M. I. Evstignеev. Trudy MAI no. 70:5-10 '56.

[illegible] speed gear-cutting machines. A. A. Evdak. Stan. i

GEARING (Continued)
Operation and performance analysis of reducing gears used in rolling mills. L. S. Borovich. [Trudy] TSNIITMASH 81:5-41 '56.
Petrusevich, A.I., M.D.Genkin, and V.K.Grinkevich. [Dynamic loads on gearing with straight tooth gears] Dinamicheskie nagruzki v zubchatykh peredachakh s priamozubymi kolesami. Moskva, Izd-vo Akademii nauk SSSR, 1956. 133 p.
Selection of efficient curves for gear-tooth contact surfaces. G. M. Azarevich. Stan. i instr. 27 no. 10:1-7 O '56.

GEARING, SPUR
Dynamic loads on the teeth of straight-tooth gears. M. S. Polotskii. [Trudy] TSNIITMASH 81:149-171 '56.
Experimental determination of tooth rigidity of spur gear wheels with external engagement. IA. G. Kist'ian, I. N. Frenkel'. [Trudy] TSNIITMASH 81:172-182 '56.

GECKOS see subdivision under Soviet Central Asia

GEESE
(see also subdivision under Lithuania)
When will we have incubators for hatching goose eggs? S. IA. Volkov. Ptitsevodstvo 6 no. 11:48 N '56.

GEIGER-MÜLLER COUNTERS
Ionizing particle counters. D. I. Penner, N. V. Strakhov. Fiz. v shkole 16 no. 6:44-47 N-D '56.

GELLERT, HUGO, 1892-
Two drawings. S. Kemrad. Ogonek 34 no. 48:20 N '56.

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS—DISEASES
Rectal peat treatment in chronic prostatitis, spermatocystitis, and functional disorders of the generative organs. G. E. Malysheva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:93-96 O-D '56.

GENERATIVE ORGANS, MALE—DISEASES
Modifications of the epithelium of the seminal ducts in epididymitis in man. A. G. Bokov. Urologiia no. 4: 30-37 O-D '55.

GENERATIVE ORGANS, MALE—TUBERCULOSIS
Treatment of male genital tuberculosis with A. D. Speranskii's intravenous bismuth carbonate. L. IA. Khosin. Urologiia no. 4:27-30 O-D '55.

GENERATORS, ELECTRIC see Electric generators

GENETICS
Teaching of the great transformer of nature Ivan Vladimirovich Michurin. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:6-17 '51.

GENEVA—RAILROAD ENGINEERING—CONGRESSES
Discussion of important technical problems in the development of railroad transport. Zhel. dor. transp. 38 no. 11:84-86 N '56.

GENEVA—STATISTICS—CONGRESSES
At the conference of European statisticians. T. V. Riabushkin. Vest. AN SSSR 26 no. 11:86-89 N '56.

GENITOURINARY ORGANS—ABNORMITIES AND DEFORMITIES
Case of congenital urethroscrotal fistula. N. E. Savchenko. Urologiia 21 no. 2:71-72 Ap-Je '56.

GENITOURINARY ORGANS—DISEASES
Case of ureterocele descended from the bladder. A. I. Mikhel'son. Urologiia no. 4:58-59 O-D '55.
Diagnosis and clinical aspects of urogenital actinomycosis. V. A. Mokhort, I. S. Rubinshtein. Urologiia 21 no. 2: 39-44 Ap-Je '56.
First Republic Conference of Urologists of Azerbaijan. M. B. Abiev, I. M. Epshtein. Urologiia 21 no. 2:77-81 Ap-Je '56.
First Republic Conference of Urologists of the Latvian S. S. R. V. V. Gol'dberg. Urologiia 21 no. 3:74-75 Jl-S '56.
"Gonorrhea and some nongonorrheal diseases of the genitourinary organs in children" by K. A. Karysheva. Reviewed by I. M. Porudominskii. Urologiia no. 4:88-90 O-D '55.
"Methods for examining patients with urological diseases" by A. I. Mikhel'son. Reviewed by D. E. Levant. Urologiia 21 no. 1:83-84 Ja-Mr '56.
Nonspecific urethritis, epididymitis, and prostatitis. I. M. Porudominskii. Urologiia no. 4:20-27 O-D '55.
Report on the activities of Kharkov Province Society of Urologists in 1954. Urologiia 21 no. 1:81-82 Ja-Mr '56.
Report on the activities of the Lvov Society of Urologists in 1955. G. P. Dobrokhotova. Urologiia 21 no. 3:76-77 Jl-S '56.
Report on the activities of the Moscow Society of Urologists in 1955. Z. S. Vainberg. Urologiia 21 no. 2:81-83 Ap-Je '56.
Report on the activities of the Society of Urologists of Kiev and Kiev Province in 1954. Urologiia 21 no. 1: 80-81 Ja-Mr '56.
Trichomoniasis of male urogenital organs. B. A. Tsokharov. Vest. ven. i derm. 30 no. 5:49-52 S-O '56.

GENITOURINARY ORGANS—SURGERY
"Operative urology"; handbook for physicians [in Polish] by E. Michalowski. Reviewed by A. IA. Pytel'. Urologiia 21 no. 1:84-86 Ja-Mr '56.
"Outlines of operative urology" by A. P. TSulukidze. Reviewed by P. I. Gel'fer. Urologiia 21 no. 2:84-86 Ap-Je '56.
"Surgical diseases of the genitourinary organs" by A. P. TSulukidze. Reviewed by A. IA. Pytel', N. I. Chuchelov. Urologiia 21 no. 3:78-80 Jl-S '56.

GENITOURINARY ORGANS—TUBERCULOSIS
Conference of the International Society for the Control of Tuberculosis of the Genitourinary Organs. Urologiia 21 no. 2:99 Ap-Je '56.

GEOCHEMICAL PROSPECTING
Composition of the gas desorbed from the core sample in thermal analysis of bitumen. N. M. Turkel'taub, O. A. Kancheeva. Trudy VNIGNI no. 7:234-239 '56.
Comprehensive geochemical studies of sedimentary rocks for purposes of facies analysis. N. N. IUrganov. Trudy VNIGRI no. 95:521-529 '56.
Expulsion method for the removal of gas. N. M. Turkel'taub, L. IU. Abramovich. Trudy VNIGNI no. 7:240-244 '56.
Formation of carbon monoxide while removing gas from cores and mud at different temperatures. A. M. Levit. Trudy VNIGNI no. 7:245-250 '56.
Prospecting hydroelectrometry. A. G. Tarkhov, G. M. Vantsian. Razved. i okh. nedr 21 no. 5:37-45 S-O '55.

GEOCHEMISTRY
Comparative characteristics of crystal quartz veins, and Alpine type veins. E. M. Laz'ko. Min. sbor. no. 10:94-104 '56.
D. S. Korzhinskii's article "Exaggerated role of solar energy in the energetics of the earth's crust." Reviewed by O. P. Mchedlov-Petrosian. Min. sbor. no. 10:381-383 '56.
Genetic characteristics of some low temperature deposits. V. T. Surgai. Trudy Inst. geol. KirFAN SSSR no. 5: 37-75 '54.

GEOCHEMISTRY—STUDY AND TEACHING
Geochemistry of iron. A. A. Saukov. Khim. v shkole 11 no. 6:7-15 N-D '56.

GEOGRAPHICAL MYTHS
Did Atlantis really exist? Tekh. mol. 24 no. 11:22-25 N '56.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHY—CONGRESSES
Twelfth scientific session of Leningrad University (geographical sciences section). R. A. Filenko. Vest. Len. un. 11 no. 18:149-151 '56.

GEOGRAPHY, HISTORICAL—MAPS
Karavaeva, Z.F. [Problems in compiling historical maps] Nekotorye voprosy sozdaniia istoricheskikh kart. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 68 p.

GEOGRAPHY, MEDIEVAL
Central Asiatic Khurasan geography of the Volga Valley and Eastern Europe in the ninth and tenth centuries. B. N. Zakhodor. Uch. zap. Inst. vost. 14:5-30 '56.

GEOGRAPHY, PHYSICAL see Physical geography

GEOLOGICAL RESEARCH
Control analyses of geological specimens. I. P. Sharapov. Razved. i okh. nedr 20 no. 1:16-27 Ja-F '54.

GEOLOGICAL SOCIETIES
(see also subdivision under Lvov)
Activity of geological sections of the Moscow Naturalists' Society. Biul. MOIP, Otd. geol. 31 no. 4:87-98 Jl-Ag '56.

GEOLOGICAL SURVEYS
Method for compiling a detailed geological prognostic map. N. A. Nikiforov, V. A. Korolev. Zap. Uz. otd. Vses. min. ob-va no. 6:131-142 '54.

GEOLOGICAL TIME
Residual magnetization of igneous rocks related to their geological age. A. G. Komarov. Dokl. AN SSSR 110 no. 2:260-263 S '56.

GEOLOGY
(see also subdivision under Arctic regions; Goryn Valley; Kura Valley; Kuznetsk Basin; Tuva Autonomous Province; Ural Mountains)
Activity of geological sections of the Moscow Naturalists' Society. Biul. MOIP, Otd. geol. 31 no. 3:99-107 My-Je '56.
V. I. Smirnov's book "Geological principles of exploring and prospecting for ore deposits." Reviewed by A. D. Kalenov. Razved. i okh. nedr 21 no. 6:60-61 N-D '55.

GEOLOGY—CONGRESSES
Twelfth scientific session of Leningrad University (geological sciences section). E. V. Rukhina. Vest. Len. un. 11 no. 18:146-149 '56.

GEOLOGY—DICTIONARIES
"Geological dictionary," volume I, A-L. Reviewed by A. A. Chernov. Biul. MOIP, Otd. geol. 31 no. 3:95-97 My-Je '56.

GEOLOGY—MAPS
"Geological mapping" by V. A. Aprodov. Reviewed by A. V. Tyzhnov. Razved. i okh. nedr 20 no. 1:56-63 Ja-F '54.
Porshniakov, G.S. [Construction of block diagrams for geological maps] Postroenie blok-diagramm po geologicheskim kartam. [Leningrad] Izd-vo Leningradskogo univ., 1956. 27 p.

GEOLOGY—STUDY AND TEACHING
Geology Department of Moscow University on the occasion of the 200th anniversary of the university (1755-1955). D. I. Gordeev, E. M. Sergeev. Uch. zap. Mosk. un. no. 176:5-15 '56.

GEOLOGY, CHEMICAL see Mineralogical chemistry

GEOLOGY, ECONOMIC
Faced with new tasks. Razved. i okh. nedr 20 no. 1:1-7 Ja-F '54.

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Black Sea region; Carpathian Mountain region; Carpathian Mountains; Caspian Sea region; Caucasus, Northern; Daghestan; Dnieper Valley; Don Valley; Donets Basin; Dzhezkazgan region; Dzhugdzhur Range; East European Plain; Europe; Fergana; Gissar Range; Irkutsk Province; Karn-Tau; Kara-Tau (Mangyshlak Peninsula); Kirghizistan; Kobystan; Kuznetsk Ala-Tau; Kuznetsk Basin; Mointy Valley; Moldavia; Moksha Valley; Ob' Valley; Pinega Valley; Pribrezhnyy Range; Pripet Valley; Russian Platform; Rybinsk Depression; Sakhalin; Sary-Su Valley; Sayan Mountains; Sivash region; Suva Valley; Tajik Depression; Tatar A. S. S. R.; Tien Shan; Tunguska Basin; Turkmenistan; Ural Mountain region; Ust-Urt; Volga Valley; Vyatka Uval; Yenisey Ridge)
"Age correlation of deposits of the Uzunlarskoye and Karangatskoye overlaps" by G. I. Goretskii. Reviewed by G. I. Popov. Biul. MOIP, Otd. geol. 31 no. 4:77-79 Jl-Ag '56.
All-Union conference on general problems of stratigraphic classification. N. K. Ovechkin. Inform. sbor. VSEGEI no. 1:157-158 '55.
Comprehensive geochemical studies of sedimentary rocks for purposes of facies analysis. N. N. IUrganov. Trudy VNIGRI no. 95:521-529 '56.
The lower limit of the Quaternary period. G. I. Goretskii. Biul. MOIP, Otd. geol. 31 no. 4:29-43 Jl-Ag '56.
New data on the age of the Barzas series. G. N. Kartseva. Trudy VNIGRI no. 95:143-146 '56.
Outline characteristics of Dankov-Lebedyan' strata. V. G. Makhlaev. Trudy VNIGNI no. 7:37-61 '56.
Stage scale of the middle Carboniferous. A. D. Miklukho-Maklai. Vest. Len. un. 11 no. 18:14-28 '56.
Stratigraphic position of Ufa deposits. T. V. Makarova. Trudy VNIGNI no. 7:135-144 '56.

GEOLOGY, STRUCTURAL
(see also subdivision under Africa; Altai Mountains; Chorbyshov Ridge; China; Dzhezkazgan-Ulutau region; Emba Valley; Irtysh Valley; Izhma Valley; Moldavia; Ros' Valley; Sulak Valley; Zhana-Arka District)
Dome-like structures of granite masses. A. I. Solov'ev. Inform. sbor. VSEGEI no. 1:112-113 '55.

GEOMETRY, ALGEBRAIC
Problem for $\varphi$-cycles. Kh. A. Smirnova. Mat. sbor. 39 no. 3:397-399 Jl '56.

GEOMETRY, DIFFERENTIAL
On the order of applicability of surfaces with corresponding conjugate systems. V. V. Ryzhkov. Dokl. AN SSSR 110 no. 3:338-340 S '56.

GEORGIA—BEE CULTURE
Procedure in receiving orders for bees and queens at Georgian bee breeding stations. Pchelovodstvo 33 no. 11:64 N '56.

GEORGIA—BEECH
Characteristics of virgin Oriental beech forests in eastern Georgia [also in Georgian, pp. 1-10]. V. Z. Gulisashvili. Trudy Inst. lesa AN Gruz. SSR 1:21-38 '49.

GEORGIA—BITUMEN
Processes of present-day gaseous bitumen formation in swampy areas of western Georgia. M. I. Bulbots, T. A. Botneva. Trudy VNIGNI no. 7:223-233 '56.

GEORGIA—CLASS DISTINCTION
Class distinctions in Georgia [in Georgian]. Z. Anchabadze, M. Lordkipanidze. Trudy Inst. ist. AN Gruz. 1:409-421 '55.

GEORGIA—CONSTITUTION

Georgia. (Transcaucasia) Constitution. [Constitution (fundamental law) of the Georgian Soviet Socialist Republic] Konstitutsiia (osnovnoi zakon) Gruzinskoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dop., prinlatymi na VI sessii Verkhovnogo Soveta Gruzinskoi SSR tret'ego sozyva i I i II sessiiami Verkhovnogo Soveta Gruzinskoi SSR chetvertogo sozyva. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 31 p.

GEORGIA—CRICKETS

Data on crickets (Gryllodea) of Georgia. E. S. Shengelia. Trudy Zool. inst. AN Gruz. SSR 14:70-95 '56.

GEORGIA—CULTURE

Building a cultural program in Soviet Georgia (1921-1925) [in Georgian with summary in Russian]. TS. P. Katanadze. Trudy Inst. ist. AN Gruz. SSR 1:57-73 '55.

"I want to know everything." Teatr. 17 no. 10:185 O '56.

GEORGIA—DORMOUSE

Systematics and distribution of the forest dormouse (Dryomys nitedula Pall.) in Georgia. M. V. Shidlovskii. Trudy Zool. inst. AN Gruz. SSR 14:249-259 '56.

GEORGIA—ECONOMIC CONDITIONS

News from fraternal republics. Ukraina no. 21:5 N '56.

The struggle of Georgian workers for the reconstruction of the national economy (1921-1925) [in Georgian with summary in Russian]. A. P. Iosseliani. Trudy Inst. ist. AN Gruz. SSR 1:7-56 '55.

GEORGIA—ECONOMIC CONDITIONS—HISTORY

Gugushvili, P.V. [Economic development of Georgia and Transcaucasia in the 19th and 20th centuries] Ekonomicheskoe razvitie Gruzii i Zakavkaz'ia v XIX-XX vv. Tbilisi, Gosizdat GSSR. [In Georgian.]
Vol. 2. [Monographs] Monografii, 1956. 985 p.

GEORGIA—EUCALYPTUS

Effect of ecologic factors on the growth and development of eucalyptus trees in western Georgia [also in Georgian, pp. 30-62]. IA. L. Abashidze. Trudy Inst. lesa AN Gruz. SSR 1:63-100 '49.

GEORGIA—FEUDALISM

History of feudal agriculture in Georgia in the last quarter of the 19th century [in Georgian with summary in Russian]. V. N. Gabashvili. Trudy Inst. ist. AN Gruz. SSR 1:187-242 '55.

GEORGIA—FOREIGN RELATIONS

The factor of class and intraclass struggle in the external political relations of Georgia [in Georgian with summary in Russian]. N. A. Berdzenishvili. Trudy Inst. ist. AN Gruz. SSR 1:155-180 '55.

GEORGIA—FOREST INFLUENCES

Effect of early snow on some woody plants [also in Georgian, pp. 253-264]. K. Mamiashvili. Trudy Inst. lesa AN Gruz. SSR 1:255-256 '49

GEORGIA—FOREST MANAGEMENT

Problem of clear cutting in mountainous areas [also in Georgian, pp. 107-148]. V. I. Mirzashvili. Trudy Inst. lesa AN Gruz. SSR 1:149-185 '49.

GEORGIA—HISTORY

From the history of Russian-Georgian relations [in Georgian with summary in Russian]. IA. Z. TSintsadze. Trudy Inst. ist. AN Gruz. SSR 1:245-270 '55.

Iberian "pitiakhsh" rule in trans-Likhi Georgia [in Georgian with summary in Russian]. G. G. TSkitishvili. Trudy Inst. ist. AN Gruz. SSR 1:303-312 '55.

"Social and political movement in 19th century Georgia national liberation movement [in Georgian]" by A. Kikvidze. Reviewed by N. Berzenishvili. Trudy Inst. ist. AN Gruz. SSR 1:465-486 '55.

The unification of feudal Georgia [in Georgian with summary in Russian]. M. D. Lordkipanidze. Trudy Inst. ist. AN Gruz. SSR 1:431-452 '55.

Was there a slave system in Georgia? G. K. Soselia. Vop. ist. no. 10:72-84 O '56.

GEORGIA—HISTORY—PERIODICALS

"The Reviewer." Vol. 3. [in Georgian]. Reviewed by G. Akopashvili in Georgian. Trudy Inst. ist. AN Gruz. SSR 1:453-464 '55.

GEORGIA—HORSEMANSHIP

Competitions of the courageous; equestrian games in Georgia. R. Kordzaia. Sp. igry 2 no. 9:31 S '56.

GEORGIA—LAND TENURE

"History of social relationships in feudal Georgia," D. Gvritishvili. Reviewed by S. N. Kakabadze. Vop. ist. no. 10:175-176 O '56.

GEORGIA—MINERAL WATERS

Tavadze, F.N., and S.N.Mandzhgaladze. [Corrosion and the protection of metals in mineral waters of Georgia] Korroziia i zashchita metallov v mineral'nykh vodakh Gruzii. Tbilisi, Izd-vo Akademii nauk Gruzinskoi SSR.
Pt. 1. 1956. 198 p.

GEORGIA—MOTION-PICTURE INDUSTRY

"Gruziya-film." I. Moskhi. Ogonek 34 no. 48:26 N '56.

GEORGIA—ORTHOPEDIA

Achievements of the Scientific Research Institute of Orthopedics and Reconstructive Surgery of Georgian S. S. R. among invalids of the Second World War. B. Sh. TSereteli. Ortop.,travm. i protez. no. 5:60-63 S-O '55.

GEORGIA—OWLET MOTHS

Data on owlet moths (Noctuidae) of Georgia. R. F. Savenko. Trudy Zool. inst. AN Gruz. SSR 14:5-47 '56.

GEORGIA—PETROLEUM

Using urea for the analysis of n-paraffins in the 200-250 fractions of Norio petroleum. Kh. I. Areshidze, E. M. Benashvili. Dokl. AN SSSR 110 no. 3:387-389 S '56.

GEORGIA—PINE

Fruiting of pines in Georgia in relation to vertical zones [also in Georgian, pp. 211-230]. D. G. Saradzhishvili. Trudy Inst. lesa AN Gruz. SSR 1:221-230 '49.

GEORGIA—RELATIONS (GENERAL) WITH KABARDIA

For a scientific revision of the history of Georgian-Kabardian relations. V. Krikunov. Trudy Inst. ist. AN Gruz. SSR 1:423-429 '55.

GEORGIA—SCALE INSECTS

Data relative to Eriococcus buxi Ehrh. [in Georgian with summary in Russian]. D. N. Kobakhidze. Trudy Zool. inst. AN Gruz. SSR 14:333-335 '56.

GEORGIA—SOCIAL LIFE AND CUSTOMS

Bochorishvili, L. [Articles on ethnography] Stat'i po etnografii. Tiflis, Izd-vo Akademii nauk Gruzinskoi SSR, 1956. 228 p. (Akademiia nauk Gruzinskoi SSR, Tiflis. Institut istorii. Materialy po etnografii Gruzii, no. 8)

GEORGIA—SOCIAL SCIENCES—STUDY AND TEACHING

Work of the Iv. Dzhavakhishvili Institute of History during 1954 [in Georgian]. Trudy Inst. ist. AN Gruz. SSR 1: 503-513 '55.

GEORGIA—SPINDLE TREE

Gutta content of the root bark of Georgian spindle trees [also in Georgian, pp. 247-252]. I. Chkhubianishvili, N. Tideman. Trudy Inst. lesa AN Gruz. SSR 1:231-236 '49.

GEORGIA—WINE AND WINE MAKING

"Georgian grape wines and brandies," by P. B. Azarashvili. Reviewed by N. N. Prostoserdov. Sad. vin. Mold. 11 no. 5:62 S-O '56.

Georgian semisweet wines. G. I. Beridze. Sad. vin. Mold. 11 no. 5:44-46 S-O '56.

GEORGIA—WORMS, INTESTINAL AND PARASITIC

Data on helminths of the wild boar (Sus scrofa L.) in eastern Georgia [in Georgian with summary in Russian]. L. I. Kolava. Trudy Zool. inst. AN Gruz. SSR 14:215-235 '56.

Helminths of game birds of Georgia in the light of the helminth-host association. B. E. Kurashvili. Trudy Zool. inst. AN Gruz. SSR 14:237-247 '56.

Role of game birds in spreading helminths among poultry. B. E. Kurashvili. Trudy Zool. inst. AN Gruz. SSR 14: 271-276 '56.

GERBILS

Effect of food stocks of Rhombomys opimus Licht. on the population density and distribution of fleas in the rodent burrows [with English summary in insert]. A. I. Diatlov. Zool. zhur. 35 no. 9:1406-1409 S '56.

GERMAN, RUDOL'F IOSIFOVICH, 1805-1889

R. I. German's works on chemistry and mineralogy of rare metals. E. P. Libman. Trudy Inst. ist. est. i tekh. 12: 40-54 '56.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN JOURNALISTS see Journalists, German

GERMAN LANGUAGE—GRAMMAR

Grammatical analysis and methods for conducting it at nonlinguistic institutions of higher education. P. Novikova. Uch. zap. AGU no. 4:99-108 '55.

GERMAN LANGUAGE—PHONETICS

Consultation. Inostr. iaz. v shkole no. 6:110-117 N-D '56.

GERMAN LANGUAGE—STUDY AND TEACHING

Evening programs in a foreign language dedicated to the memory of H. Heine. V. Solov'eva, M. A. Ovchinnikova, A. P. Nikitin. Inostr. iaz. v shkole no. 6:118-122 N-D '56.

Planning instruction based on paragraph 8 of the German language textbook for class seven by N. A. Bergman, M. M. Petrenko. Reviewed by V. I. Ozerkova. Inostr. iaz. v shkole no. 6:78-80 N-D '56.

Rakhmanov, I. V. [Methods of teaching German in classes 8-10] Metodika obucheniia nemetskomu iazyku v VIII-X klassakh. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 342 p.

Work with poetry in class five. V. V. Runev. Inostr. iaz. v shkole no. 6:75-77 N-D '56.

GERMAN LANGUAGE—STYLE

"Outline of German stylistics" [in German]. E. G. Rizel'. Reviewed by N. IU. Sumbatova. Inostr. iaz. v shkole no. 6:104-107 N-D '56.

GERMAN REUNIFICATION QUESTION (1949- )

Movement to aid contacts between the German Democratic Republic and the German Federal Republic. Mezhdunar. zhizn' no. 11:120 N '56.

Propagandistic maneuver of the enemies of German unity. O. Nakropin. Mezhdunar. zhizn' no. 10:100-102 O '56.

GERMANIC PHILOLOGY—CONGRESSES see subdivision under Berlin

GERMANIUM

Determining gaseous micromixtures on the surface of germanium layers. S. M. Fainshtein, V. I. Fistul'. Zhur. tekh. fiz. 26 no. 10:2162-2164 O '56.

Germanium and its use. N. P. Sazhin. Khim. nauka i prom. 1 no. 5:487-491 '56.

Rzhanov, A. V., ed. [Electrophysical characteristics of germanium and silicon] Elektrofizicheskie svoistva germaniia i kremniia; sbornik perevodov. Moskva, Izd-vo "Sovetskoe radio," 1956. 391 p.

Seventy years since the discovery of germanium. A. O. Surbnshanian. Khim. v shkole 11 no. 6:24-26 N-D '56.

GERMANIUM—ELECTRIC PROPERTIES

Investigation of surface conduction and surface recombination in germanium specimens. A. V. Rzhanov, I. G. Neizvestnyi, V. V. Roslikov. Zhur. tekh. fiz. 26 no. 10:2142-2153 O '56.

Nernst - Ettingshausen effect in germanium. R. I. Bashirov, I. M. TSidil'kovskii. Zhur. tekh. fiz. 26 no. 10:2195-2199 O '56.

GERMANIUM DIODES

Some properties of diodes made of germanium with gold additives. A. A. Lebedev, V. I. Stafeev, V. M. Tuchkevich. Zhur. tekh. fiz. 26 no. 10:2131-2141 O '56.

GERMANY—CONCENTRATION CAMPS—HISTORY

Annals of courage and the struggle. I. Agronovskii, A. Starkov. Ogonek 34 no. 46:14-16 N '56.

GERMANY—FOREIGN RELATIONS—RUSSIA

Norden, Albert. [Between Berlin and Moscow; history of German-Soviet relations] Mezhdu Berlinom i Moskvoi; k istorii germano-sovetskikh otnoshenii. Perevod s nemetskogo V. Bata i dr. Moskva, Izd-vo inostrannoi lit-ry, 1956. 410 p. illus.
(NNC)

GERMANY—RADIO—RECEIVERS AND RECEPTION

Miniature receiver for guided models. (From "Funk--Technik," no. 13, 1956). Radio no. 11:53 N '56.

GERMANY—HISTORY

Changes in German imperialism from 1900 to 1955. IU. Kuchinskii. Dokl. i soob. Inst. ist. no. 9:147-152 '56.

Influence of the first Russian revolution on the development of the revolutionary struggle in Germany. Leo Stern. Dokl. i soob. Inst. ist. no. 9:121-129 '56.

GERMANY—LABOR AND LABORING CLASSES

"Germany's Young Guard; 50 years of the working youth movement" [in German]. Reviewed by G. T. Sivodedov. Vop. ist. no. 10:173-174 O '56.

The strike movement and the struggle for the right of general elections in Germany at the time of the Russian Revolution of 1905-1907. T. P. Smirnova. Uch. zap. Ped. inst. Gerts. 102:241-272 '55.

GERMANY—LOCOMOTIVES

Locomotive with a gas engine and hydraulic transmission (from "Glasers Annalen," no. 3, 1956). Vest. TSNII MPS 15 no. 1:60-61 Ag '56.

GERMANY—SUFFRAGE

The strike movement and the struggle for the right of general elections in Germany at the time of the Russian Revolution of 1905-1907. T. P. Smirnova. Uch. zap. Ped. inst. Gerts. 102:241-272 '55.

GERMANY—WORLD WAR, 1939-1945

Capitulation of Fascist Germany and the "Dönitz government." A. A. Galkin, O. M. Nakropin. Vop. ist. no. 8:68-79 Ag '56.

GERMANY—WORLD WAR, 1939-1945—PRISONERS AND PRISONS

In Fascist imprisonment. N. Sapfirov. Oktiabr' 33 no. 11:147-155 N '56.

GERMANY—YOUTH MOVEMENT

"Germany's Young Guard; 50 years of the working youth movement" [in German]. Reviewed by G. T. Sivodedov. Vop. ist. no. 10:173-174 O '56.

GERMANY, EAST—CATALOGS, COMMERCIAL

[German export.] Nemetskii eksport no. 12 D '56.

GERMANY, EAST—CERAMIC INDUSTRIES—EQUIPMENT AND SUPPLIES
Rubber filter press plates (from "Berichte der deutschen keramischen Gesellschaft," no. 4, 1955). Stek. i ker. 13 no. 10:32 O '56.

GERMANY, EAST—COMMERCE
Export of complete industrial units. Vnesh. torg. 26 no. 10:24-25 O '56.
[German export.] Nemetskii eksport no. 12 D '56.

GERMANY, EAST—COMMERCE—PERIODICALS
New trade magazine in the German Democratic Republic. Sov. torg. no. 10:46 O '56.

GERMANY, EAST—CRIMINAL LAW
Criminal legislation in the German Democratic Republic in the effort to combat crimes against the state and theft of socialist property. M. Beniamin, T. Miuller. Uch. zap. Len. un. no. 202:156-164 '56.

GERMANY, EAST—FOREIGN RELATIONS—CZECHOSLOVAKIA
Strengthening cooperation between Czechoslovakia and the German Democratic Republic. Mezhdunar. zhizn' no. 10:110-112 O '56.

GERMANY, EAST—FORESTS AND FORESTRY
With foresters of the German Democratic Republic. M. A. Poretskii, B. M. Perepechin. Les. khoz. 9 no. 11:86-91 N '56.

GERMANY, EAST—LITERATURE—STUDY AND TEACHING
Teaching literature in secondary schools of the German Democratic Republic. N. D. Moldavskaia. Lit. v shkole 17 no. 6:53-62 N-D '56.

GERMANY, EAST—MOTION PICTURES, DOCUMENTARY
Outstanding work by D. E. F. A. V. Bashev. Isk. kino no. 10:106-107 O '56.

GERMANY, EAST—POLITICS AND GOVERNMENT
Seven years of the German Democratic Republic. Mezhdunar. zhizn' no. 10:127-128 O '56.

GERMANY, EAST—RELATIONS (GENERAL) WITH RUSSIA
Reception for German peace partisans. Sov. Soiuz no. 12:39 D '56.
Twenty-five thousand kilometers through the Soviet Union. Gustav Simon. Sov. pech. no. 11:52-54 N '56.

GERMANY, EAST—SLAVIC PHILOLOGY—PERIODICALS
A periodical of German Slavists. A. Mironenko. Slaviane no. 11:60 N '56.

GERMANY, EAST—YOUTH
An answer to Derek Stone. Heinz-Wolfram Macher. Mol. mira no. 10:18 '56.

GERMANY, WEST—DEFENSES
Avoid the repetition of fatal mistakes. Kommentator. Mezhdunar. zhizn' no. 10:80-83 O '56.
Revival of German monopoly capital and the remilitarization of West Germany. N. Gerasev. Mezhdunar. zhizn' no. 11:92-98 N '56.

GERMANY, WEST—ECONOMIC CONDITIONS
Revival of German monopoly capital and the remilitarization of West Germany. N. Gerasev. Mezhdunar. zhizn' no. 11:92-98 N '56.

GERMANY, WEST—FOREIGN RELATIONS—FRANCE
Talks in Bonn. Mezhdunar. zhizn' no. 11:113-115 N '56.

GERMANY, WEST—POLITICS AND GOVERNMENT
Reorganization of the West German government. Mezhdunar. zhizn' no. 11:123-125 N '56.

GERMANY, WEST—RAILROADS—FREIGHT
Rapid freight train movement in the German Federal Republic. E. S. Izrailimskii-Marut. Zhel. dor. transp. 38 no. 11:83-84 N '56.

GERMANY, WEST—RECONSTRUCTION
"Behind the scenes of West German 'prosperity'" ("The mainsprings of the German revival" [in German] by Henry C. Wallich. Reviewed by E. Khmel'nitskaia). Mezhdunar. zhizn' no. 11:143-147 N '56.

GERMICIDES see Disinfection and disinfectants

GERMINATION
Formation of organic acids in the seeds of leguminous plants during germination. S. V. Soldatenkov, T. A. Mazurova. Biokhimiia 21 no. 5:573-576 S-O '56.
Germination and vitality of seeds. K. P. Klochkova. Nauka i pered. op. v sel'khoz. no. 10:59-60 O '56.
Oxidation enzymes in the seeds and germs of certain agricultural plants. P. A. Vlasiuk, Z. M. Klimovyts'ka. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:221-229 '48.

GERMS see Bacteriology

GERTSENBERG, ELENA IAKOVLEVNA, 1886-
Elena IAkovlevna Gertsenberg. F. M. Shapiro. Arkh. pat. 18 no. 6:138-139 '56.

GIPSIES
The genuine and the false gipsies. Jean Charles, G. A. Howland. V zashch. mira no. 65:84-89 O '56.

GIPSY MOTH see Gypsy moth

GIRDERS
Effect of joint rigidity on stress in prestressed girders. M. P. Danilovskii. Trudy Khab. IIT no. 9:41-60 '56.
Experimental investigation of the action in bending elements made of heatproof concrete at high temperatures. V. I. Murashev, A. F. Milovanov. Bet. i zhel.-bet. no. 11:397-400 N '56.
Free torsion in composite metal beams. A. A. Pronenko. Trudy KIIIT no. 20:197-212 '56.
Geometric characteristics of T-and ⊤- cross-sections. B. D. Aronchik. Bet. i zhel.-bet no. 11:415-416 N '56.
Local strength of steel girder walls joined to reinforced concrete slabs. S. E. Ozc, A. N. Maksimov. Avt. dor. 19 no. 10:25-26 O '56.
Precast reinforced concrete girders for use in roofs of industrial buildings. A. I. Kucherov. Bet. i zhel.-bet no. 11:389-390 N '56.
Problem of using prestressed reinforced concrete cantilever trusses in bridge spans and its solution. V. I. Gnedovskii. Trudy Khab. IIT no. 9:4-28 '56.
Rough computations for reinforced concrete cantilever trusses. V. I. Gnedovskii. Trudy Khab. IIT no. 9:29-34 '56.
Sectional reinforced concrete girders. IA. A. Il'iashevskii. Bet. i zhel.-bet no. 11:393-394 N '56.
Strain of steel trussed stringer in the elastic-plastic stage under immobile and mobile loads. V. V. Trofimovich. Shor. trud. Inst. stroi. mekh. AN URSR no. 21: 27-43 '56.
Stresses and displacements in multilayer beams. N. D. Tarabasov. Nauch. trudy MPI no. 4:64-71 '56.
Using prestressed reinforced concrete girders. K. I. Zazerskii. Bet. i zhel.-bet no. 11:391-393 N '56.

GIRGOLAV, SEMEN SEMENOVICH, 1881-
Semen Semenovich Girgolav; on his 75th birthday and the 50th anniversary of his scientific activities. Ortop., travm. i protez. 17 no. 2:72-73 Mr-Ap '56.

GISSAR RANGE—BIRDS
Observation of changes in certain instinctive reactions in birds under natural conditions. A. V. Popov. Trudy AN Tadzh. SSR 21:130-143 '54.

GISSAR RANGE—BIRDS—PHYSIOLOGY
Molting of birds under mountain conditions. A. V. Popov. Trudy AN Tadzh. SSR 21:135-138 '54.

GISSAR RANGE—GEOLOGY, STRATIGRAPHIC
Paleogene of Zevar. N. K. Bykova, S. N. Simakov. Trudy VNIGRI no. 95:129-135 '56.

GISSAR RANGE—PLANT LICE
Aphid species from the Gissar Range, new to Central Asia. M. N. Narzikulov. Trudy AN Tadzh. SSR 21:75-80 '54.

GIZE, FERDINAND IVANOVICH, 1781-1821
F. I. Giese's unpublished Outlines of the history of chemistry. V. P. Zubov. Trudy Inst. ist. est. i tekh. 12:360-364 '56.

GLACIAL EPOCH
(see also subdivision under Ural Mountain region)
Review of I. G. Pidoplichko's work "The Glacial epoch," and the combined work of I. G. Pidoplichko and P. S. Makeev "Climates and landscapes of the past." Reviewed by S. A. IAkovlev. Inform. sbor. VSEGEI no. 1: 147-152 '56.

GLACIERS see subdivision under Trans-Ili Ala-Tau

GLADKOV, FEDOR VASIL'EVICH, 1883-
In the first ranks of Soviet literature. Nicolae Moraru. Inostr. lit. no. 11:184-186 N '56.

GLANDS—DISEASES
Therapeutic use of radioactive iodine in thyrotoxicosis. A. A. Garagash'ian. Med. rad. 1 no. 5:74-80 S-O '56.

GLANDS—SURGERY
One-stage transvesical prostatectomy with blind suture or with suprapubic drainage of the bladder in prostatic hypertrophy. P. M. Shorlulan. Urologiia 21 no. 2:3-6 Ap-Je '56.

GLASS
Colorimetric method for determining sodium in soda-lime glass without taking weighed portions. K. K. Kolobova, V. A. Gerasimova. Zav. lab. 22 no. 7:794-795 '56.

GLASS—CONGRESSES see subdivision under Paris

GLASS—OPTICAL PROPERTIES
Anomalous scattering of light in glass. A. I. Kolladin. Opt. i spektr. 1 no. 7:907-910 N '56.
Birefringence of porous glass. O. S. Molchanova. Opt. i spektr. 1 no. 7:917-926 N '56.
Spectrophotometric analysis of mixtures of powdery substances. A. P. Ivanov, A. S. Toporets. Opt. i spektr. 1 no. 6:802-806 O '56.

GLASS—TRANSPORTATION
Glass container. Stroitel' 2 no. 3:13 Mr '56.

GLASS CUTTING
Glass cutting without diamonds. F. V. Elesin, A. Z. Levin. Med. prom. no. 3:41-42 Jl-S '55.

GLASS FIBERS see subdivision under Czechoslovakia

GLASS MANUFACTURE
(see also subdivision under Gusov)
Mechanics of glass formation. O. K. Botvinkin, E. M. Shpil'kov. Stek. i ker. 13 no. 10:1-5 O '56.
Satisfactory conditions for the primary annealing of glass parts. L. I. Vidro, M. N. Gorelova, E. I. Velikanova. Stek. i ker. 13 no. 10:10-12 O '56.

GLASS MANUFACTURE—CHEMISTRY
Reaction of molten barium borate and sodium borate glasses with sulfur dioxide gas [with English summary in insert]. V. T. Slavianskii. Zhur. fiz. khim. 30 no. 9:2046-2050 S '56.

GLAUCOMA
Essential atrophy of the iris and glaucoma. V. I. Vedeneeva. Vest. oft. 69 no. 5:06-07 S-O '56.
Examination of the conditioned blinking reflex in glaucoma patients before and after surgery. N. N. Bokhon. Vest. oft. 69 no. 5:53-58 S-O '56.
Modified tonometric dark-adaptation test in early diagnosis of glaucoma. A. IA. Bunin, M. M. Romannvskii. Vest. oft. 69 no. 5:19-22 S-O '56.
Scotometric test with different contrasts in early diagnosis of glaucoma. A. S. Smelovskii. Vest. oft. 69 no. 5: 37-38 S-O '56.
Specificity of the increase in intraocular pressure. G. O. Bursuk. Vest. oft. 69 no. 5:49-52 S-O '56.

GLAUCONITE
(see also subdivision under Carpathian Mountain region; Lvov Province; Ukraine)
Notes on the mineralogy of glauconite. A. IA. Mikel. Min. sbor. no. 10:356-359 '56.

GLAZES
Black glazes for facing tiles. M. K. Gal'perina, M. E. IAkovleva. Stek. i ker. 13 no. 10:26-29 O '56.

GLIADIN
Heat denaturation of gliadin. V. V. Ponomarev, T. A. Lifanova. Biokhimiia 21 no. 5:557-560 S-O '56.

GLIDERS (AERONAUTICS) see subdivision under France

GLIDING AND SOARING
Gliders depart from the auto-tow takeoff. V. Kornilov. Kryl. rod. 7 no. 8:10-11 Ag '56.

GLINKA, MIKHAIL IVANOVICH, 1804-1857
Glinka's first attempt in the symphonic form, his symphony in B major. I. Ryzhkin. Soob. Inst. ist. isk. no. 9: 101-113 '56.
Thematic unity and variations in Glinka's opera "Ivan Susanin" [A life for the Tsar]. Vl. Protopopov. Soob. Inst. ist. isk. no. 9:73-100 '56.

GLINYANY—RUGS
Singing colors. Mykhailo Latyshev. Ukraina no. 22:22-23 N '56.

GLUCINIUM see Beryllium

GLUE
Gluing unplaned wood. E. R. IAnson. Nov. tekh. i pered. op. v stroi. 18 no. 5:17-18 My '56.

GLUSSK DISTRICT—COMMUNIST EDUCATION
Reports and lectures for workers. Komm. Bel. 39 no. 12:87 D '56.

GLUTATHIONE
Synthesis of glutathione by hepatoma and ascitic cancer cells [with summary in English]. A. K. Pikkat Vop. med. khim. 2 no. 5:323-327 S-O '56.

GLYCOGEN
Autolytic conversion of glycogen during cooling and freezing of muscle tissue. P. E. Pavlovskii. Biokhimiia 21 no. 5:616-622 S-O '56.
Glycogen in the cardiac muscle of chick embryos. E. Kirpichnikova. Dokl. AN SSSR 110 no. 2:285-289 S '56.
Variability in chemical structure of glycogens isolated from various species. E. M. Afanas'eva, B. N. Stepanenko. Biokhimiia 21 no. 5:603-611 S-O '56.

GLYCOSIDES
Cumulative properties of cardiac glycosides. P. I. Onitsev. Sbor. trud. Khar'. vet. inst. 21:171-176 '56.

GLYCOSIDES—CLASSIFICATION
Classification of cardiac glycosides. P. I. Onitsev. Sbor. trud. Khar'. vet. inst. 22:189-193 '54.

GNIVAN'—WOLLASTONITE

Wollastonite from crystalline limestone in the vicinity of Gnivan'. D.F.Bobrovnik. Min.sbor. no.5:193-200 '51.

GOATS

Epithelial bodies in small domestic ruminants. T.G. TSymbal. Sbor.trud.Khar'.vet.inst. 22:112-131 '54.

[Raising sheep and goats; a manual for livestock farm managers] Ovtsevodstvo i kozovodstvo; rukovodstvo dlia zaveduiushchikh fermami. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 679 p.
(DA)

Vitamin A content of the tissues and organs of sheep and goats as related to certain factors. N.S. Nakonechnyi. Sbor.trud.Khar'.vet.inst. 22:332-336 '54.

GOITER

"Endemic goiter" by O.V. Nikolaev. Reviewed by A.K. Gorchakov. Probl.endok.i gorm. 2 no.5:126-127 S-O '56.

Russia (1923- U.S.S.R.) Ministerstvo zdravookhraneniia. Protivozobnyi komitet uchenogo soveta. [Goiter; a collection of abstracts of scientific papers] Zobnaia bolezn'; sbornik referatov nauchnykh rabot. Red. A.K. Gorchakov i dr. Kiev, Gos. med. izd-vo USSR, 1956. 260 p.
(DAFM)

GOLD ORES

Importance of productive mineral associations for exploring and prospecting for gold ore deposits. N.V. Petrovskaia. Razved.i okh.nedr 21 no.2:17-24 Mr-Ap '55.

GOLDSMITHING see subdivision under Moscow

GOLODNAYA STEPPE—AGRICULTURE

Number devoted to the Golodnaya Steppe in the "Komsomolets Uzbekistana." Mol.komm. 14 no.11:110 N '56.

GOLODNAYA STEPPE—COTTON GROWING

Where once was desert. I.K. Nazarova, N.A. Zakharova. Nauka i pered.op.v sel'khoz. no.10:37 O '56.

GOLODNAYA STEPPE—RECLAMATION OF LAND

Today in Golodnaya Steppe. S. Ziiadullaev. Sots.Uz. 15 no.11:13 N '56.

GOLODNAYA STEPPE, NORTHERN see Bet-Pak-Dala

GOLOMIDOV, IL'IA VASIL'EVICH, 1887-

I.V. Golomidov. Pchelovodstvo 33 no.12:50 D '56.

GOMEL'—AGRICULTURAL MACHINERY INDUSTRY

Follow-up on materials printed in "Kommunist Belorussii." Komm.Bel. 29 no.11:80 N '56.

GOMEL'—COMMUNIST EDUCATION

Active party members study Marxist-Leninist theory. V. Parfent'ev. Komm.Bel. 29 no.12:19-25 D '56.

GOMEL' PROVINCE—PLOWING

What does autumn plowing gain? N.F. Lutchenko. Kolkh. Bel. 4 no.8:9-10 Ag '56.

GOMEL' PROVINCE—REVOLUTION, 1917-1921

The fortieth anniversary of the October. Komm.Bel. 29 no.11:79 N '56.

GONIOMETERS

Goniometer for determining the circumsolar and circumzenithal portions of the sky. N.I. Goisa. Meteor.i gidrol. no.10:37 O '56.

GONORRHEA

Comparative study of streptomycin concentration in blood, urethral secretions and secretions of the prostate in gonorrhea. R.G. Gadzhiev. Urologiia 21 no.1:41-43 Ja-Mr '56.

"Gonorrhea and some nongonorrheal diseases of the genitourinary organs in children" by K.A. Karysheva. Reviewed by I.M. Porudominskii. Urologiia no.4:88-90 O-D '55.

Primary gonococcal sensitivity to antibiotics and sulfanilamides as compared with chemotherapeutic results in man. E.G. Livkina, F.S. Malyshev, N.V. Vdovina. Vest.ven.i derm. 30 no.5:49-52 S-O '56.

Results of examination of women who had been sources of gonorrheal infections. N.I. Mazurova, S.I. Kaidnovskaia. Vest.ven.i derm. 30 no.5:42-45 S-O '56.

GOOSE see Geese

GOOSEBERRIES

Root system of gooseberry bushes. E.A. Ivanova. Sad i og. no.10:76 O '56.

GORAL see subdivision under Sikhote-Alin Range

GORBUSHIN, ALEKSEI

Orlinskevich, A.G. [Tractor operator Aleksei Gorbushin] Traktorist Aleksei Gorbushin. Moskva, Gosselkhozizdat, 1956. 29 p. (Opyt novatorov sotsialisticheskogo sorevnovaniia)

GORDLEVSKII, VLADIMIR ALEKSANDROVICH, 1876-1956

V.A. Gordlevskii; obituary. Sov.vostokoved. no.5: 156-157 '56.

V.A. Gordlevskii; obituary. Vest.AN SSSR 26 no.11: 102 N '56.

GORI DISTRICT—PINE

Goridzhvari pine grove as a remnant of pine forests in the vicinity of the city of Gori [also in Georgian, pp.237-240]. L. Makhatadze. Trudy Inst.lesa AN Gruz.SSR 1:241-245 '48

GORKI (MOSCOW PROVINCE)—GALLERIES AND MUSEUMS

[The V.I. Lenin Museum in Gorki] Dom-muzei V.I. Lenina v Gorkakh. [Moskva, Izogiz, 1956] 10 post cards (in portfolio).

GOR'KII, MAKSIM, 1868-1936

Gor'kii's humanism. Sunao Tokunaga. Inostr.lit. no.11: 178-180 N '56.

The people in "Through Russia," a cycle of stories by A.M. Gor'kii ("Through Russia" by L.M. Poliak. Reviewed by V. Zakharava). Polymia 34 no.11:144-151 N '56.

GORKIY—CONSUMERS

How we study the demand of purchasers. N. Busygin. Sov.torg. no.10:11-13 O '56.

GORKIY—FORTIFICATIONS, OLD

Nizhegorod citadel. S. Agafonov. Sov.Soiuz no.12:28-29 D '56.

GORKIY HYDROELECTRIC POWER STATION

Extracting piles from the cellular cofferdam at the Gorkiy Hydroelectric Power Station project by vibration methods. N.A. Preobrazhenskaia. Gidr.stroi. 26 no.10:12-14 N '56.

GORKIY PROVINCE—BUILDING

Collective farms change to year-round building. A. Zhilin. Sel'.stroi. 11 no.10:7-8 O '56.

GORKIY PROVINCE—EFFICIENCY, INDUSTRIAL

Problems in industrial supervision. N. Ignatov. Part.zhizn' no.19:9-10 O '56.

GORKIY PROVINCE—FORESTS AND FORESTRY

Co-operation between science and production. M.I. Kirsev. Les.khoz. 9 no.11:72-75 N '56.

GORKIY PROVINCE—POULTRY

State of poultry husbandry on the collective farms of Gorkiy Province. Ptitsevodstvo 6 no.11:6-11 N '56.

GORLOVKA—DESCRIPTION

Gorlovka. Mast.ugl. 5 no.10:16a-16d O '56.

GORNO-ALTAI AUTONOMOUS PROVINCE—BEE CULTURE

Work practice of leading beekeepers of the Gorno-Altai Autonomous Province. V. Gorodinskii. Pchelovodstvo 33 no.12:3-9 D '56.

GORODOK DISTRICT—AGRICULTURE

Polynskii, P.A. [The district economic conference; a valuable innovation of Gorodok Communists] Raionnaia ekonomicheskaia konferentsiia; tsennyi pochin gorodokskikh kommunistov. Moskva, Gos. izd-vo polit.lit-ry, 1956. 62 p. (Iz opyta raboty partiinykh organizatsii)

GORODTSOV, VASILII ALEKSEEVICH, 1860-1945

The life and scientific activity of V.A. Gorodtsov. E.I. Krupnov. Sov.arkheol. 25:5-12 '56.

GORYN VALLEY—GEOLOGY

Characteristics of the geological development of the Goryn River Valley. M.O. Kunytsia, V.I. Radzieva'kyi. Dop.AN URSR no.4:375-379 '56.

GOVERNMENT OWNERSHIP see subdivision under China; Great Britain

GOVERNMENT PRICE REGULATION see subdivision 'Price regulation' under Korea, North

GOVERNORS (MACHINERY)

Use of variable-speed controls in the kinematic system of chain-grate drives. M.IA. Kriger. Energetik 4 no.11:19-23 N '56.

GRAFTING

Possibilities for producing more grafted grape vines. P.A. Suprunenko. Sad.vin.Mold. 11 no.5:8-10 S-O '56.

Using tubers for grafting dahlias. R.V. Ganzha. Est.v shkole no.8:69 N-D '56.

GRAFTING OF SKIN see Skin grafting

GRAIN
(see also subdivision under Altai Territory; Kazakhstan; Nagorno-Karabakh Autonomous Province)

[Grain and forage crops.] Zernovye i kormovye kul'tury no.12 D '56.

[Grain and forage crops.] Zernovye i kormovye kul'tury no.1 Ja '57.

New methods in the vegetative hybridization of grain. I.A. Petrov. Mich.uchenia sluzhitnar. no.3:43-57 '55.

Notes on the textbook "Science of cereals". N.P. Kozmina. Reviewed by N. Romenskii, M. Firsova, S. Aksarina. Muk.-elev.prom. 22 no.10:31-33 O '56.

Preliminary results of harvesting in 1956. S.S. Kabysh. Obz.vazhn.sob.SSSR 3 no.100:25-36 N '56.

Screw conveyor for loading groat screenings in railroad cars. V. Serebrainskii. Muk.-elev.prom. 22 no.10: 26 O '56.

To collective farmers, workers of machine-tractor stations and state farms, agricultural specialists, party and soviet workers, and to all those working in provinces, territories and autonomous republics of the Russian Soviet Federated Socialist Republic. Sel'khoz. Povol. no.10:3 O '56.

GRAIN—CLEANING

Inertia starting mechanism for separator brush rolls. A. Morgun. Muk.-elev.prom. 22 no.10:20-21 O '56.

Separability of mixtures of wheat according to the grain size. I.E. Mambish, B.V. Tarasevich, A.A. Rybkina. Trudy VNIIZ no.31:159-169 '56.

Using vibrating screens in sorting grain and products from buckwheat scouring. V.M. TSetsinovskii. Trudy VNIIZ no.31:90-136 '56.

GRAIN—DISINFECTION

Selecting the type of irradiator (operating on fission products) for grain disinfection. A.V. Bibergal', E.S. Pertsovskii. Biofizika 1 no.6:696-707 '56.

GRAIN—DRYING
(see also subdivision under Sverdlovsk)

Mistakes made in the reconstruction of grain dryers. M. Skorovarov. Muk.-elev.prom. 22 no.10:9-11 O '56.

Using mechanical ventilation for cooling grain after drying. I. Kleev. Muk.-elev.prom. 22 no.10:6-8 O '56.

GRAIN—HARVESTING

Harvest and state grain collection. V.S. Mertsalov, E.A. Glovinskii. Obz.vazhn.sob.SSSR 3 no.101:19-34 N '56.

What is shown by state grain procurement work. P. Novosel'skii. Part.zhizn' no.19:30-36 O '56.

GRAIN—STORAGE

Effect of storage conditions on the microflora of cereals. O.P. Pod"iapol'skaia, A.T. Naumova, T.M. Stepanova. Trudy VNIIZ no.30:79-113 '55.

How aeration affects the microflora of grain. N.P. Mikhalovskii, O.P. Pod"iapol'skaia. Trudy VNIIZ no.30:50-78 '55.

How injuries in the seed coats effect the microflora of grain. O.P. Pod"iapol'skaia. Trudy VNIIZ no.30:41-49 '55.

Resistance of bulk grain to ventilation used for controlling grain microflora. K.V. Drogalin. Trudy VNIIZ no.30:124-165 '55.

Role of enzymes in the rancidification of groats. V. Kretovich, M. Popov, G. Nelliubina. Muk.-elev.prom. 22 no.10:14-16 O '56.

Safe storage of grain delivered to procurement points. Muk.-elev.prom. 22 no.10:1-2 O '56.

GRAIN—TRANSPORTATION
(see also subdivision under Chkalov Province)

Carry out grain transport in shorter periods of time. Avt.transp. 34 no.11:4 N '56.

GRAIN ELEVATORS

Installing machinery in drying and cleaning towers at the time of construction. G. Gal'perin. Muk.-elev.prom. 22 no.10:8-9 O '56.

GRAIN HANDLING
(see also subdivision under Bogushevsk District)

From barge to mill. S. Puchkov. Ukraina no.22:31 N '56.

GRAIN-HANDLING MACHINERY

Installing machinery in drying and cleaning towers at the time of construction. G. Gal'perin. Muk.-elev.prom. 22 no.10:8-9 O '56.

GRAIN MILLING

Alternate milling of high and low grade flour. P. Dudchenko, L. Ksendzovskii. Muk.-elev.prom. 22 no.10:25 O '56.

Approximate evaluation of the quality of feed grinding in hammer mills. S.V. Mel'nikov. Dokl.Akad.sel'khoz. 21 no.11:41-48 '56.

Brief news. Muk.-elev.prom. 22 no.10:3 of cover O '56.

GRAIN-MILLING MACHINERY

Determining optimal values for operating break systems. N. Sokolov. Muk.-elev.prom.. 22 no.10:12-14 O '56. '56.

Effect of geometric parameters of the working surfaces of rolls on grain milling factors. S.D. Khusid, V.P. Bershak, L.B. Il'inskaia. Trudy VNIIZ no.31:25-50 '56.

Effect of the surface roughness of rolls on the effectiveness of grinding groats. N.IA. Kestel'man, L.I. Kotlar. Trudy VNIIZ no.41:51-62 '56.

Spark machining of rollers. B.M. Gorbunov. Trudy VNIIZ no.31:63-74 '56.

GRAIN-MILLING MACHINERY (Continued)
Theory and calculation of inertia mechanisms for cleaning reciprocating sieves. V. V. Gortinskii. Trudy VNIIZ no. 31:75-89 '56.

GRANITE
(see also subdivision under Baksan Valley; Krivoy Rog; Volhynia)
Dome-like structures of granite masses. A. I. Solov'ev. Inform. sbor. VSEGEI no. 1:112-113 '55.
The place of pegmatites in the formation process of one of the granite bodies. V. I. Kuznetsov. Min. sbor. no. 5:99-112 '51.

GRAPE CULTURE see Viticulture

GRAPES
(see also subdivision under Crimea; White Russia)
Chemical composition and quality of grape juices. A. T. Markh, A. IA. TSviling. Sad. vin. Mold. 11 no. 5:49-50 S-O '56.
Combined effect of trace elements on grapes. O. K. Dobrotlubskii, A. V. Slavvo. Sad. vin. Mold. 11 no. 5: 28-29 S-O '56.
Regulating the sugar content of grapes by means of fertilizers. L. N. Naidenov. Sad. vin. Mold. 11 no. 5: 23-25 S-O '56.

GRAPES—VARIETIES
(see also subdivision under France)
Promising grape varieties. P. K. Atvazian. Sad. vin. Mold. 11 no. 5:19-23 S-O '56.

GRAPHIC ARTS see subdivision under Europe, Western; Ukraine

GRAPHOLOGY see subdivision under Moscow

GRASSES
(see also subdivision under Kopet Dagh)
Effect of fertilizers in crop rotation on the productivity and composition of perennial grasses. P. A. Vlasiuk, K. M. Dobrotvorskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:239-268 '52.
Effect of fertilizers on the yield of perennial grasses. P. A. Vlasiuk, K. M. Dobrotvorskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:232-238 '52.
Effect of the time of cover-crop harvest on the hardiness and yields of perennial grasses. L. A. Lebedeva. Uch. zap. Mosk. un. no. 186:47-58 '55.
Using grasses in crop rotation. P. E. Prokopov. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:3-23 '56.

GRAVEL
Equipment for processing gravel-sand mortars used in England. V. A. Demidov. Strol. prom. 34 no. 11:37-45 N '56.
Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii i mekhanizatsii stroitel'stva. [Hydraulic methods of concentrating and grading sand and gravel] Obogashchenie i sortirovka peska i gravia gidravlicheskim sposobom. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 78 p.
On the work of gravel plants. A. A. Adamenkov. Gidr. strol. 25 no. 10:6-8 N '56.

GRAVES see Burial

GRAVIMETER
Effect of compressibility of the compensating fluid in quartz gravimeters having a horizontal torsion wire. IU. D. Bulanzhe. Izv. AN SSSR. Ser. geofiz. no. 9: 1114-1120 S '56.

GRAVITATION
Motion equations for a system of heavy masses accounting for their internal structure and rotation. V. A. Fok. Usp. fiz. nauk 59 no. 1:67-70 My '56.
Solution of direct and inverse gravimetric problems by means of the vertical gradient for the simplest forms of perturbing bodies. I. A. Balabushevich, M. IU. Zeldina. Publ. Kiev. astron. obser. no. 7:65-92 '56.

GREAT BRITAIN—BUILDING
Work quality of English construction. V. Dymshits. Stroitel' 2 no. 3:22-23 Mr '56.

GREAT BRITAIN—BUILDING MACHINERY
Equipment for processing gravel-sand mortars used in England. V. A. Demidov. Strol. prom. 34 no. 11:37-45 N '56.
Machinery for the over-all mechanization of assembly work. A. N. Batenchuk. Strol. prom. 34 no. 11:45-50 N '56.

GREAT BRITAIN—CAR WHEELS
Restoring wheel profiles on train cars (from "Locomotive," no. 766 1956). Zhel. dor. transp. 38 no. 11:89 N '56.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS
Britain and the "common market." Mezhdunar. zhizn' no. 11:117-118 N '56.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—UNITED STATES
Mikhailov, P.M. [The U.S.A. and England in capitalist markets after the Second World War] SShA i Anglilia na kapitalisticheskikh rynkakh posle Vtoroi Mirovoi voiny. Moskva, Izd-vo Akademii nauk SSSR, 1956. 137 p. (Nauchno-populiarnaia serriia)

GREAT BRITAIN—FOREIGN RELATIONS—MALTA
Britain and Malta. Mezhdunar. zhizn' no. 10:113-114 O '56.

GREAT BRITAIN—FOREIGN RELATIONS—RUSSIA
Activity of the Russian government's committee in London during the First World War (1914-1917). D. S. Babichev. Ist. zap. no. 57:276-292 '56.
[N. A. Bulganin's and N. S. Khrushchev's visit to England, April 18-27, 1956] Prebyvanie N. A. Bulganina i N. S. Khrushcheva v Anglii (18-27 aprelia 1956 goda). Moskva, Gos. izd-vo polit. lit-ry, 1956. 80 p.

GREAT BRITAIN—GOVERNMENT OWNERSHIP
Relative share of government-capitalist ownership in the national economy of postwar England. A. O. Boiko. Nauk. zap. Inst. ekon. AN URSR no. 4:98-109 '55.

GREAT BRITAIN—HISTORY
"The English revolution of 1640" [in English] by C. Hill. Reviewed by V. M. Lavrovskii. Vop. ist. no. 8:172-177 Ag '56.
The second civil war in England and the Levelers. G. R. Levin. Uch. zap. Ped. inst. Gerts. 102:313-339 '55.

GREAT BRITAIN—LAND TENURE
Struggle for the common lands in 13th century England. K. D. Avdeeva. Uch. zap. Ped. inst. Gerts. 102:341-368 '55.

GREAT BRITAIN—LOCOMOTIVES
Locomotive mileage recorder (from "Locomotive," no. 765 1956). Zhel. dor. transp. 38 no. 11:89 N '56.

GREAT BRITAIN—MUNICIPAL SERVICES
Ivanov, I.T. [Problems of urban economy and construction in England] Nekotorye voprosy gorodskogo khoziaistva i stroitel'stva v Anglii. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 51 p.

GREAT BRITAIN—PHYSICS—STUDY AND TEACHING
Teaching physics in the schools of Great Britain. H. F. Bolind. Fiz. v shkole 16 no. 6:37-43 N-D '56.

GREAT BRITAIN—PLANTS, PROTECTION OF—CONGRESSES
Second International Conference on the protection of plants. K. T. Sukhorukov. Vest. AN SSSR 26 no. 11:99-01 N '56.

GREAT BRITAIN—POLITICS AND GOVERNMENT
The current political situation in Great Britain. S. Madzoevskii. Mezhdunar. zhizn' no. 11:50-59 N '56.

GREAT BRITAIN—POWER ENGINEERING
Status of power engineering in Great Britain. N. V. Ilinkhin. Teploenergetika 3 no. 12:51-56 D '56.

GREAT BRITAIN—TRADE UNIONS
"Magnificent journey; the rise of the trade unions" [in English] by Francis Williams. Reviewed by M. M. Karliner. Vop. ist. no. 8:188 Ag '56.

GREAT BRITAIN—TRADE UNIONS—CONGRESSES
New force in Britain. Mezhdunar. zhizn' no. 10:112-113 O '56.

GREAT BRITAIN—WOMEN
A letter from England. Mary Pritt. Sov. zhen. 12 no. 12:17 D '56.

GREBES—PARASITES see Parasites—Grebes

GREBNITSKII, ADAM STANISLAVOVICH, 1867-1941
A. S. Grebnitskii, A. D. Borisoglebskii. Sad i og. no. 10: 66 O '56.

GREECE—DESCRIPTION AND TRAVEL
In the land of ancient Hellas. E. Popovkin. Ogonek 34 no. 49:22-24 D '56.

GREECE—HISTORY
Memoirs and historical research in Greece. D. Koskos. Vop. ist. no. 10:199-206 O '56.

GREECE—STUDENTS
Warm wind in Greece. Vincenzo Calo. Vsem. stud. nov. 10 no. 9/10:34-35 S-O '56.

GREEK DRAMA—HISTORY AND CRITICISM
Social and historical conditions accompanying the rise of drama. B. V. Kazanskii. Uch. zap. Len. un. no. 192:3-20 '56.

GREEK DRAMA (TRAGEDY)
Ancient tragedy and the Soviet theater; on the staging of Sophocles' "King Oedipus" in the Sh. Rustaveli Theater. Teatr 17 no. 11:82-96 N '56.

GREEK MATHEMATICS see Mathematics, Greek

GREEN MANURING see subdivision under Ararat region

GREENHOUSES—HEATING AND VENTILATION
A heater for greenhouses. V. N. Bratchykov. Mekh. sil'. hosp. 7 no. 10:32 O '56.

GREEN'S FUNCTION see Potential, Theory of

GREISEN
Standard chemicomineralogical types of mica-quartz and topaz-quartz in greisens. V. S. Dmitrievskii. Min. sbor. no. 10:88-93 '56.

GRIEG, EDVARD HAGERUP, 1843-1907
Grieg and Andersen. O. Levasheva. Soob. Inst. ist. iek. no. 9:114-130 '56.

GRIMM, OSKAR ANDREEVICH, 1845-1921
Outstanding Russian ichthyologist O. A. Grimm and his role in the development of Russian pond culture [with English summary in insert]. V. A. Movchan, N. P. IArmoshenko. Zool. zhur. 35 no. 9:1370-1378 S '56.

GRINDING AND POLISHING
Shal'nov, V. A. [Fast grinding of alloyed structural steel] Skorostnoe shlifovanie legirovannykh konstruktsionnykh stalei. Moskva, Gos. izd-vo obor. promyshl., 1956. 126 p.
Size and deformations of chips during metal grinding. Zh. A. Bagdasarian. Sbor. nauch. trud. ErPI no. 10:87-99 '56.
Using measuring and grinding instruments. V. Molodkin. Tekhnov. MTS 17 no. 20:4-11 O '56.

GRIPPE see Influenza

GRISTLE see Cartilage

GROCERY TRADE—ACCOUNTING
Use of the journal-voucher form of accounting at a retail trade enterprise. A. Fedorova. Buklg. uchet. 15 no. 11: 36-37 N '56.

GRODNOLITE see subdivision under Volyn Province

GROMEKA, IPPOLIT STEPANOVICH, 1851-1889
I. S. Gromeka's scientific heritage. O. F. Vasil'ev. Trudy Inst. ist. est. i tekh. 10:245-266 '56.

GROTTOES see Caves

GROUND TEMPERATURE see Earth temperature

GROUND WATER see Water, Underground

GROUNDING (ELECTRICITY) see Electric currents—Grounding

GROUPS, THEORY OF
Direct sum expansion of an operator group. R. M. Sultanov. Uch. zap. AGU no. 3:3-15 '55.
Groups with complemented subgroups. N. V. Chernikova. Mat. sbor. 39 no. 3:273-292 Jl '56.
On groups possessing a resolvable increasing invariant series. Kh. Kh. Mukhammadzhan. Mat. sbor. 39 no. 2: 201-218 Je '56.

GROUSE—PARASITES see Parasites—Grouse

GROWTH
Some peculiarities in the reaction of rats to X-irradiation as related to age and dosage. V. V. Kholin. Med. rad. 1 no. 4:22-25 Jl-Ag '56.

GROWTH PROMOTING SUBSTANCES
Organic matter discharged in the air by vegetable plants. P. A. Vlasiuk, M. M. Shkvaruk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:230-232 '46.
Some peculiarities of the movement of organic substances in plants and the influence of irrigation on this process [with English summary in insert]. N. I. IAkushina, S. M. Poroiskaia, T. G. Filatova. Fiziol. rast. 3 no. 5:423-430 S-O '56.
Using TU spray in greenhouses. V. S. Rubanov. Sad i og. no. 10:28 O '56.

GROZNYY—MOTION-PICTURE AUDIENCES
Conference of motion-picture viewers in Groznyi. V. Plukhovskii. Kinomekhanik no. 11:8-9 N '56.

GROZNYY PROVINCE—CARBONATES (MINERALOGY)
Petrology of argillaceous carbonate rocks of Chokrak and Karagan deposits in the Groznyy-Daghestan region. L. P. Gmid. Trudy VNIGRI no. 95:189-197 '56.

GROZNYY PROVINCE—FRUIT CULTURE
Introduce the best local varieties of fruits in orchards. T. A. Lozovskii. Sad i og. no. 10:34-36 O '56.

GROZNYY PROVINCE—PETROLEUM—ANALYSIS
Coefficient of heat expansion of oils from the Groznyy region. P. F. Andreev, N. N. Poliakova. Trudy VNIGRI no. 95:422-440 '56.
Spectral analysis data indicating the occurrence of chemical elements in sedimentary rocks, brines, and ashes of petroleums from the Groznyy-Daghestan region. S. M. Katchenko, E. I. Plegontova. Trudy VNIGRI no. 95:481-496 '56.

IEHIN, ZINOVII NAUMOVICH, 1903-
Professor Zinovii Naumovich Grzhebin's 40th anniversary of medical, pedagogical and research activities. Vest. ven. i derm. 30 no. 5:83 S-O '56.

ACID,
studying the activity of peroxidase in plants by means the gentisol method. Kh. N. Pochinok. Nauch. trudy n. iz-tel. rast. i agrokhim. AN USSR no. 8:65-74 '56.

FEMALA--POLITICS AND GOVERNMENT
e people of Guatemala and the United Fruit Company, anslated from the Spanish] Narod Gvatemaly i Ob"edinennaia fruktovaia kompaniia." Perevod s ispanskogo N. A. utmana i E. P. Klimova. Predisl. S. A. Gontmakhogo. oskva, Izd-vo inostrannoi lit-ry, 1954. 50 p.

N, ALEKSANDR FEDOROVICH, 1906-1956
kander Fedorovich Gubin; obituary. Pchelovodstvo no. 11:61 N '56.

SIN, IVAN MIKHAILOVICH, 1871-1939
ader of petroleum geology. Azerb. neft. khoz. 35 :6:0 3 '56.

ED MISSILES
land, K.W. [Development of the guided missile, ranslated from the English] Razvitie upravliaemykh arriadov. Perevod s angliiskogo V.N. Dubosbina i dr. od red. A.P. Grishina. Moskva, Izd-vo inostrannoi t-ry, 1956. 369 p.

A, DMITRII IOSIFOVICH, 1873- or 9-
a visit to people's poet of Abkhazia. V. Korotcev. ovruk 24 no. 4:224-30 N '56.

S AND RESINS
training cumulonic and resin in individual kok- phyz roots. Kh. N Pochinok. Nauch. trudy Inst. bot. rast. i agrokhim. AN USSR no. 1/3:240 249 4.

dying the effect of activated clays on the optical tivity of rodophony. I. S. Sattarov. Uch. zap. AGU no. 5:9-19 '55.

dying the optical activity of the decomposition products rodophony in the presence of active clays. I. S. Sattar- ov. Uch. zap. AGU no. 3, 43-46 '55.

thical novelties. Zhil.-kom. khoz. 6 no. 6:30 '56.

S AND RESINS, SYNTHETIC see Resins, Synthetic

TIS
ate work in the general overhaul of buildings. Kozlov. Zhil.-kom. khoz. 6 no. 6:17-18 '56.

S see Rifles; Shotguns

KV, SEMEN EMELIANOVICH, 1764-1813
academician S. E. Gur'ev biography. V. E. Prudnikov. rudy Inst. ist. est. i tekh. 19:304-393 '56.

'EV PROVINCE--MOSQUITOES
ecology of malaria mosquitoes in Gur'ev Province. . A. Pavlov. Trudy Inst. zool. AN Kazakh. SSR 5:166- 68 '56.

EV--GLASS MANUFACTURE
ukhov, V. M., and A. S. Makhnovatskii. [Automatization and heat control in glass production; work practice f the Dzerzhinskii glass factory] Avtomatizatsiia i spletovi kontrol' v proizvodstve stekla; iz opyta raboty lanevskogo stekol'nogo zavoda imeni Dzerzhinskogo. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 956. 99 p. (Novoe v promyshlennosti stroitel'nykh aterialov)

TA-PERCHA
ta content of the root bark of Georgian spindle trees ata in Georgian, pp. 247-252]. I. Chkhaidzeishvili, . Tsiteman. Trudy Inst. lesa AN Gruz. SSR 1:231-238 '56.

TRIS
e and asbestos cement roofing with built-in gutters for ultistory apartment houses. I. E. Khlusov. Strot. rom. 34 no. 11:34-37 N '56.

NASTICS, MEDICAL see Exercise therapy

NECOLOGY--ABSTRACTS
Abstracts of Soviet medical literature: Obstetrics and romen's diseases. ] Sovetskoe meditsinskoe referativ- oe obozrenie: Akusherstvo i ginekologiia no. 9 '56.

'SIEN see Cipaies

'SUM
ineral gypseous deposits of salt pans. V. N. Shcherbina. Trudy Inst. geol. Kir.FAN SSSR no. 5:133-139 '54.

dardar for gypsum hardening based on casein. B. Alek- androv, D. Novakhovskaia. Stroitel' 2 no. 8:21 Ag '56.

HY MOTH
w we destroyed the gypsy moth. L. IA. Ostashchenko. es. khoz. 8 no. 11:25 N '56.

ITS OF ANIMALS see Animals, Habits and behavior of

HAFNIUM
Separation of zirconium and hafnium. L. N. Komissarova, V. E. Plyushchev. Usp. khim. 25 no. 10:1197-1222 O '56.

HAIR--CARE AND HYGIENE
Care of the hair. L. Rudovskaia, Rabotnitsa 34 no. 13:30 D '56.

HALIDES
Research in the field of obtaining new heavy liquids for analyzing spore-pollen, diatoms, and minerals. S. M. Mazurov, M. V. Ponvol'skii, V. V. Ianovskii. Razved. i okh. nedr 21 no. 6:16-20 N-D '55.
Simultaneous determination of oxygen and halogens (chlorine, bromine and iodine) in organic substances. M. O. Korshun, E. A. Bondarevskaia. Dokl. AN SSSR 110 no. 3:320-323 S '56.

HALL EFFECT
Interrelation between the anisotropy of the Hall effect and the variation of the resistance of metals in the magnetic field. Part 1. Investigation of zinc. E. S. Borovik. Zhur. eksp. i teor. fiz. 30 no. 2:262-271 F '56.
Measuring the Hall effect at liquid oxygen temperatures. V. I. Lisnichenko, A. F. Skubenko. Nauk. zap. Kiev. un. 9 no. 2:77-80 '50.
Theory of the Hall and Nernst effects in the semiconductors with an admixture zone. M. I. Kliger, V. G. Novikova, V. N. Agarkova. Zhur. tekh. fiz. 26 no. 10:2105-2104 O '56.

HAMBURG, GERMANY--STADIUMS--LIGHTING
Lighting tracks with ultraviolet lamps. M. Grits', Komsomolskaya 20 no. 12:40 D '56.

HAMILTON, WILLIAM ROWAN, 1805-1865
William Rowan Hamilton; on the 150th anniversary of his birth. L. S. Polak. Trudy Inst. ist. est. i tekh. 15: 305-370 '55.

HAND--DISEASES
Stenosing tenosynovitis of the hand and fingers. V. I. Rozov. Ortop., travm. i protez. 17 no. 1:9-13 Ja-F '56.

HAND--TUMORS
Case of a giant cell tumor of the tendon sheaths of the hand. I. F. Zimina. Ortop., travm. i protez. 17 no. 4:55 Jl-Ag '56.

HAND--WOUNDS AND INJURIES
Pathogenesis and therapy of contractures of the hand and fingers. V. N. Blokhin. Ortop., travm. i protez. no. 5: 34-39 S-O '55.

HANDICRAFT see subdivision under India

HANNOVER, GERMANY--SOCCER
This happened in Hannover. V. Gramatkin. Sp. igry 2 no. 2:5-6 S '56.

HARBORS see subdivision under Tokhta-Tash

HARVESTING
(see also subdivision under China; White Russia)
Timiriazev Academy students in the fight for the harvest on virgin lands. K. A. Ivanovich. Vest. vys. shkoly 14 no. 11:48-51 N '56.

HARVESTING MACHINERY
GUM cotton stalk harvester. A. Markin. M-T. 16 no. 11: 39-41 N '56.
Machinery systems for over-all mechanization of animal husbandry. A. A. Ivanov. Zhivotnovodstvo 18 no. 11: 1-8 N '56.

HAUSA LANGUAGE--NOUN
Traces of a class of nouns referring to persons in the Hausa language [with English summary in insert]. D. A. Ol'derogge. Sov. vostokoved. no. 5:130-132 '56.

HAY--HARVESTING
Machinery systems for over-all mechanization of animal husbandry. A. A. Ivanov. Zhivotnovodstvo 18 no. 11: 1-8 N '56.

HAZEL--DISEASES AND PESTS
Alternariasis of hazelnuts. L. A. Serafimkov. Uch. zap. AGU no. 3:71-78 '55.

HEALTH EDUCATION
(see also subdivision under Kuntsevo District)
How to set up a plan for health education work in a feldsher-midwife station. N. I. Shangin. Fel'd. i akush. 21 no. 11:47-52 N '56.
"Rural health education" by K. V. Lapin. Reviewed by A. D. Ostrovskii. Fel'd. i akush. 21 no. 11:61-62 N '56.

HEALTH OF CHILDREN see Children--Care and hygiene

HEALTH RESORTS, WATERING PLACES, ETC.
(see also subdivision under Stavropol Territory)
Conferences of the Uzbek Semashko Scientific Research Institute of Health Resorts and Physiotherapy with the participation of members of the Society of Physiotherapeutists and Health Resort Therapeutists. Vop. kur. fizioter. i fiz. kul't. 21 no. 4:117-119 O-D '56.
Fourteenth All-Union Congress of Therapeutists. Vop. kur. fizioter. i fiz. kul't. 21 no. 4:3-4 O-D '56.
Health resort therapy for diseases of the cardiovascular system. A. I. Nesterov. Vop. kur. fizioter. i fiz. kul't. 21 no. 4:5-10 O-D '56.
The role of feldshers in sanatoria and health resorts. P. E. Morozov. Fel'd. i akush. 21 no. 11:27-28 N '56.
Third conference on problems of sanatorium and health resort therapy for diseases of the nervous system, held at the Institute. Vop. kur. fizioter. i fiz. kul't. 21 no. 4:114-117 O-D '56.

HEALTH RESORTS, WATERING PLACES, ETC.--BIBLIOGRAPHY see Bibliography--Health resorts, watering places, etc.

HEARING
Changes in the cortical dynamics of man as effected by an intense sound stimulus. E. N. Iordanskaia. Biofizika 1 no. 7:660-667 '56.
Effect of masking a preceding weakened stimulus by a high-intensity sound. I. K. Samoilova. Biofizika 1 no. 1:79-87 '56.
Significance of time factors in the perception of complex sounds. L. A. Chistovich. Akust. zhur. 2 no. 3:310-316 Jl-S '56.

HEART
Analysis of the mechanism of action of adrenalin and on the effect of the sympathetic nerve on the heart. B. N. Manukhin. Biul. eksp. biol. i med. 42 no. 10:3-6 O '56.
Carbohydrate-phosphorus metabolism in the heart and liver of rabbits during drug-induced sleep [with summary in English]. L. A. TSeitlin. Vop. med. khim. 2 no. 5:363-368 S-O '56.
Composition and biochemical properties of the myocardium in experimental diphtherial intoxication [with summary in English]. E. A. Mishukova, L. N. Lebedeva. Vop. med. khim. 2 no. 5:369-377 S-O '56.
Humoral transmission of the periodical influence of the vagus nerve upon the heart. Kh. S. Koshtoiants, M. A. Ponkonova. Dokl. AN SSSR 110 no. 3:381-382 S '56.
Mechanism of the action of digitalis on the hearts of animals of various ages. V. D. Rozanova. Biul. eksp. biol. i med. 42 no. 10:39-42 O '56.
Topographical anatomy of the heart and pericardium in some heart diseases. IU. M. Lopukhin. Khirurgiia. 32 no. 8:45-50 Ag '56.

HEART--BLOOD SUPPLY
Reflex action on the coronary circulation following ligation of branches of the coronary arteries [with summary in English]. G. N. Aronova. Fiziol. zhur. 42 no. 10: 898-906 O '56.

HEART--DISEASES
Heart diseases in children and their prevention. R. A. Kaliuzhnin. Fel'd. i akush. 21 no. 10:8-14 O '56.
Management of pregnancy and labor in heart diseases. A. P. Kirlushchenkov. Fel'd. i akush. 21 no. 10:14-20 O '56.

HEART--SURGERY
Anesthesia in surgery of heart and pericardium. F. G. Uglov and others. Vest. khir. 77 no. 10:3-11 O '56.
Hypothermia and ganglion-blocking agents for the prevention of complications caused by temporary blood flow arrest in experimental studies. I. R. Petrov, T. N. Astukhova, N. V. Korostovtseva. Vest. khir. 77 no. 10:16-28 O '56.
Modern surgical methods for treating chronic coronary insufficiency; a review of foreign and soviet literature. R. G. Karagiullian. Khirurgiia. 32 no. 8:80-89 Ag '56.
Strengthening a cardiac suture with an intercostal muscle graft. E. P. Glinskata. Khirurgiia. 32 no. 8:81-84 Ag '56.
"Surgery of the heart" [in English]. C. P. Bailey. Reviewed by B. V. Petrovskii. Khirurgiia. 32 no. 8:87-92 Ag '56.
Topographical anatomy as a basis for the surgical approach to elements of the cardiac complex. G. I. Kondrat'ev. Khirurgiia. 32 no. 8:53-59 Ag '56.

HEART--TUMORS
Cases of cardiac tumors. O. M. Vinogradova, M. A. Potoknova. Arkh. pat. 18 no. 5:84-86 '56.

HEAT
Artsybyshev, S. A. [A course in physics] Kurs fiziki. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR.
Pt. 1. [Mechanics and heat] Mekhanika i teplota. 1956. 604 p.
Temperature changes in oil and gas wells. A. IU. Namiot. Trudy VNII no. 8:347-360 '56.

HEAT--CONDUCTION
Determining the relative heat conductivity of metal specimens. B. M. TSarelkin. Nauch. trudy NPI 26:473-476 '56.
Device for determining heat conductivity of refractories. D. M. Shakhtin. Zav. lab. 22 no. 7:869-871 '56.
Optical method of determining the heat conductivity of liquids. V. P. Frontas'ev. Zav. lab. 22 no. 7:812-817 '56.

HEAT—PHYSIOLOGICAL EFFECT

Changes in the muscle proteins of fish during heat treatment. G. K. Koval'chuk. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6: 139-151 '54.

Conditioned motor reactions to thermal skin stimulation in horses. T. A. Chumakova. Sbor. trud. Khar'. vet. inst. 21:156-163 '56.

Heat resistance of the muscles of crustaceans in connection with the habitat of the species. B. P. Ushakov. Izv. AN SSSR. Ser. biol. no. 5:67-75 S-O '56.

Nutrition in a high environmental temperature; review of the literature. R. I. Salganik. Vop. pit. 15 no. 6:3-11 N-D '56.

HEAT—TRANSMISSION

Effect of convective heat transfer and the forces of inertia on heat exchange during laminar flow of condensate film. D. A. Labuntsov. Teploenergetika 3 no. 12:47-50 D '56.

Heat exchange during the boiling of liquids in an annular aperture. I. I. Chernobyl'skii, IU. M. Tananaiko. Zhur. tekh. fiz. 26 no. 10:2316-2322 O '56.

Heat transfer during viscous flow of fluids in tubes and channels. B. S. Petukhov, E. A. Krasnoshchekov, L. D. Nol'de. Teploenergetika 3 no. 12:41-47 D '56.

Investigating circulation rate and critical thermal flow dependence. L. S. Sterman, N. G. Stiushin, V. G. Morozov. Zhur. tekh. fiz. 26 no. 10:2322-2328 O '56.

On thermal fluctuations in continuous media. S. M. Rytov. Dokl. AN SSSR 110 no. 3:371-374 S '56.

Thermohygrometric methods for determining vapor concentration in boundary layers. N. F. Dokuchaev. Zhur. tekh. fiz. 26 no. 10:2348-2355 O '56.

Veinik, A. I. [Heat conductivity testing of paints for molds] Ispytanie kokil'nykh krasok na teploprovodnost'. Moskva, Mashgiz, 1956. 231 p. (NNC)

HEAT CAPACITY

Correlation between neutron scattering and heat capacity in polycrystals. M. V. Kazarnovskii. Zhur. eksp. i teor. fiz. 31 no. 4:698-698 O '56.

Effect of multiple thermal ionization on the heat capacity of gases. IU. V. Gaek, B. L. Timan. Zhur. eksp. i teor. fiz. 31 no. 4:706-707 O '56.

HEAT ENGINEERING

Aggregate plant producing heat, cold, and electric energy for livestock farms. V. N. Masiukov. Trudy VIM 22:168-183 '56.

HEAT ENGINEERING—BIBLIOGRAPHY see Bibliography—Heat engineering

HEAT EXCHANGERS

Aggregate plant producing heat, cold, and electric energy for livestock farms. V. N. Masiukov. Trudy VIM 22:168-183 '56.

Determining the optimal ratio of flow velocities in counterflow heat exchangers for gas-turbine installations. L. G. Gel'fenbein. Teploenergetika 3 no. 11:51-54 N '56.

HEAT OF ADSORPTION

Heat of adsorption of hexane vapor on carbon blacks. The thermodynamics of adsorption forces [with English summary in insert]. N. P. Avgul', and others. Zhur. fiz. khim. 30 no. 9:2106-2121 S '56.

HEAT OF FORMATION

Heats of formation of the borides of some transition metals [with English summary in insert]. G. V. Samsonov. Zhur. fiz. khim. 30 no. 9:2057-2060 S '56.

HEAT OF MIXING

[illegible] of polymers. Part 3. The heats of mixing [illegible]rs [with English summary in insert]. G. V. [illegible]. Slominskii. Zhur. fiz. khim. 30

Useful and important book ("Electric heating of small and medium sized cities." M. M. Kogan. Reviewed by M. Shchegolev, M. Zaks). Zhil.-kom. khoz. 6 no. 6: 31 '56.

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831

Hegel's economic views in the Jena period. György Lukács. Vop. filos. no. 5:151-162 '56.

"The young Hegel and problems of capitalist society" [in German] by György Lukács. Reviewed by G. Zeidel', E. V. Il'enkov, L. I. Naumenko. Vop. filos. no. 5:151-164 '56.

HEIDELBERG UNIVERSITY

"Visit the romantic ruins of the University." Vsem. stud. nov. 10 no. 9/10:30 S-O '56.

HEINE, HEINRICH, 1707-1856

Evening programs in a foreign language dedicated to the memory of H. Heine. V. Solov'eva, M. A. Ovchinnikova, A. P. Nikitin. Inostr. iaz. v shkole no. 6:118-122 N-D '56.

HELICOPTERS

Small universal helicopter for the forest service. I. V. Ovsiannikov. Les. khoz. 9 no. 11:66-69 N '56.

HELIOTROPE (PLANT)—TOXICOLOGY

Experimental toxic hepatitis with ascites caused by the heliotrope. S. B. Dubrovinskii. Vop. kraev. pat. no. 4:135-150 '54.

HELIUM—ISOTOPES

Measuring the pressure of saturated $He^3$ - $He^4$ vapor mixtures with high $He^3$ concentration. V. P. Peshkov, V. N. Kachinskii. Zhur. eksp. i teor. fiz. 31 no. 4:720-721 O '56.

HELIUM—SPECTRA

Effect of helium on the spectral intensity of the vapors of complex aromatic compounds. B. S. Neporent, A. A. Solodovnikov. Opt. i spektr. 1 no. 7:951-952 N '56.

Intensity of the fine structure components of the He II $\lambda$=4686 Å lines. P. S. Kireev. Opt. i spektr. 1 no. 7:833-845 N '56.

HELSINKI—PEACE CONGRESSES

Kotov, M. I. [Great union of peace-loving forces; the World Peace Assembly in Helsinki, June 22-29, 1955] Velikoe edinenie mirolubivykh sil; Vsemirnaia Assambleia mira v Khel'sinki, 22-29 iiunia 1955 goda. Moskva, Znanie, 1955. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii) (CSI-H)

HEMATOLOGY see Blood

HEMATURIA

Apropos B. H. Petrenko's article "Chronic urovesical hematuria in cattle," printed in "Nauchnye trudy" (Vol. 20, 1953) of the Ukrainian Institute of Experimental Veterinary Medicine. O. A. Kul'ska. Visnyk AN URSR 27 no. 11:75-76 N '56.

HEMOGLOBIN

Method for expressing hemoglobin content in erythrocytes. I. I. Gitel'zon, I. A. Terskov. Lab. delo 2 no. 6:6-10 N-D '56.

HEMOLYSIS AND HEMOLYSINS

Causes of early hemolysis of stored blood and ways to prevent it. E. G. Arlozorov. Vop. perel. krovi. 4: 215-230 '56.

Producing hemolysin. I. I. Dochkin. Lab. delo 2 no. 6: 12 N-D '56.

Timoshenko, L. V. [Hemolytic diseases of newborn infants; the Rh factor as a cause of hemolysis and its complications] Gemoliticheskie zabolevaniia novorozhdennykh; rezus-faktor kak prichina gemoliza i ego oslozhnenila. Kiev, Gos. med. izd-vo USSR, 1956. 166 p. (Biblioteka prakticheskogo vracha) (DNLM)

HEMOPHILIA

Mechanism of the etiology of hemorrhagic diathesis in growing animals after total body X-irradiation. T. D. Mirimova. Med. rad. 1 no. 4:58-61 Jl-Ag '56.

HEMORRHAGE

Dynamics of extinction and restoration of vital functions of the organism following fatal exsanguination in hypothermia. V. A. Negovskii, V. I. Soboleva. Arkh. pat. 18 no. 6:68-70 '56.

Influenza and subarachnoid hemorrhages. E. V. Shanova. Zdrav. Kazakh. 16 no. 10:10-14 '56.

Role of the kidneys in compensatory reactions of the organism following blood loss. D. A. Brusilovskaia. Arkh. pat. 18 no. 6:76-81 '56.

HEMOSPORIDIA

Hemosporidiasis of wild animals and its importance in animal husbandry. D. N. Zasukhin. Trudy inst. zool. AN Kazakh. SSR 5:169-179 '56.

HEMOSTATICS

Present status of the problem of absorbable hemostatic preparations. L. G. Bogomolova. Vest. khir. 77 no. 10:113-124 O '56.

HEMP

(see also subdivision under Zhlobin District)

Efficient recipe for emulsion. L. M. IAkovlev, E. M. Eremi'ants. Tekst. prom. 16 no. 9:56-57 S '56.

Operations of a warm retting plant. L. M. Omarov. Tekst. prom. 16 no. 11:10-12 N '56.

Suprun, A. M. [An income of 40,000 rubles from a hectare of hemp] 40,000 rublei dokhoda s gektara posevov konopli. [Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955] folder. (DA)

HENBANE

Poisoning of bees by alkaloids of henbane. E. G. Shaginian. Pchelovodstvo 33 no. 11:45-46 N '56.

HEPATITIS, INFECTIOUS

Problem of metabolism of nucleoproteins and of nucleic acids in Botkin's disease. A. V. Andriushechkina, L. P. Nikolaeva. Biul. eksp. biol. i med. 42 no. 10:25-27 O '56.

HERBICIDES

Efficient results of chemical methods for destroying shrubbery in meadows and pastures. I. D. IUrkevich, T. T. Bezdenko, L. P. Smolink. Kolkh. Bel. 4 no. 10: 25 O '56.

HERBS—THERAPEUTIC USE see Botany, Medical

HEREDITY

Physical and chemical principles of heredity. N. P. Dubinin. Biofizika 1 no. 6:677-695 '56.

Using radioactive phosphorus and sulfur isotopes for determining hereditary qualities in seeds. S. A. Mamaev. Les. khoz. 9 no. 11:40-43 N '56.

HERNIA

Surgical treatment of umbilical hernias in swine and dogs. I. A. Kalashnik, N. E. Shalduga. Sbor. trud. Khar'. vet. inst. 21:471-474 '56.

HERRING FISHERIES see subdivision under Atlantic Ocean

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

"A. I. Hertzen's views on history" by N. Pirumova. Reviewed by M. G. Sedov. Vop. ist. no. 8:158-163 Ag '56.

HETHUM, Prince of Korghos, ca. 1235-ca. 1314

Hethum's "Flower of the history of oriental countries" as a source of historicogeographical studies and of Mongol history [with English summary in insert]. M. S. Mirnyi. Sov. vostokoved. no. 5:72-82 '56.

HEXACHLORAN see Benzene hexachloride

HEXANE

Heat of adsorption of hexane vapor on carbon blacks. The thermodynamics of adsorption forces [with English summary in insert]. N. P. Avgul', and others. Zhur. fiz. khim. 30 no. 9:2106-2121 S '56.

HIGH BLOOD PRESSURE see Hypertension

HILL, JOE, pseud. see Hillstrom, Joseph, 1879-1916

HILLSTROM, JOSEPH, 1879-1916

Second birth of Joe Hill. Boris Polevoi. Ogonek 34 no. 45:20-23 N '56.

HIP JOINT

Effect of function of the hip joint on the formation of the acetabulum. K. B. Shimanovskaia. Ortop., travm. i protez. 17 no. 2:15-17 Mr-Ap '56.

HIP JOINT—DISLOCATION

Clamp for treating central dislocations of the femur. A. A. Korzh, A. F. Altukhov. Ortop., travm. i protez. 17 no. 1:42-43 Ja-F '56.

Clinical aspects and therapy of congenital hip dislocations in infants. N. M. Guliaeva. Ortop., travm. i protez. 17 no. 2:49-50 Mr-Ap '56.

Irreducible congenital hip dislocations. A. E. Frumina. Ortop., travm. i protez. 17 no. 2:8-14 Mr-Ap '56.

New method of surgical treatment for hip dislocations of tuberculous origin. N. P. Novachenko. Ortop., travm. i protez. 17 no. 3:18-22 My-Je '56.

Open setting of congenital dislocations of the hip. F. R. Bogdanov, N. A. Timofeeva. Ortop., travm. i protez. 17 no. 2:3-7 Mr-Ap '56.

Setting pathologic dislocations and subluxations in tuberculous coxitis. M. A. Pogorel'skii. Ortop., travm. i protez. 17 no. 1:50-52 Ja-F '56.

Simplified plaster cast for congenital hip dislocation in infants. K. A. Krumin'. Ortop., travm. i protez. 17 no. 2:45-46 Mr-Ap '56.

HIP JOINT—SURGERY

Comparative evaluation of various types of surgical interventions in tuberculous affections of the hip joint and their sequelae. B. S. Gavilenko. Ortop., travm. i protez. 17 no. 3:27-31 My-Je '56.

Corrective intertrochanteric osteotomy in ankylosis of the hip joint with a large contracture. Viktor Dega. Ortop., travm. i protez. 17 no. 4:51-52 Jl-Ag '56.

Determination of the abduction angle of the leg in subtrochanteric osteotomy of the femur. V. M. Dem'ianov. Ortop., travm. i protez. 17 no. 4:49-51 Jl-Ag '56.

HIP JOINT—SURGERY (Continued)
Double-gouge grooving method in extra-articular arthrodesis of the hip joint. B. A. Varsava. Ortop., travm. i protez. 17 no. 1:40-42 Ja-F '56.
Formation of bone regenerator as substitution of the proximal end of the femur after gunshot injury. N. P. Novachenko. Ortop., travm. i protez. no. 5:15-21 S-O '55.
Local anesthesia of the hip joint region by A. V. Vishnevskii's method. T. T. Dmitrova. Ortop., travm. i protez. 17 no. 2:17-20 Mr-Ap '56.
Modern technic and results of the joint resection and dynamic osteotomy in tuberculous coxitis. A. Grutian. Ortop., travm. i protez. 17 no. 4:18-23 Jl-Ag '56.
Results of extra-articular arthrodesis in tuberculous coxitis. M. E. Petrovskaia. Ortop., travm. i protez. 17 no. 3:32-36 My-Je '56.

HISTAMINE
Studying the nervous system from vascular reflex reactions to intracutaneous adrenaline and histamine injections. K. A. Kalnitskaia, A. P. Vashchenkova. Zdrav. Kazakh. 16 no. 10:7-10 '56.

HISTOLOGY
Nucleic acids in the infusorium Trachelocerca phoenicopterа (Holotricha). I. B. Raikov. Dokl. AN SSSR 110 no. 2:289-292 S '56.

HISTORICAL FICTION
Contemporary. Tekh. mol. 24 no. 11:39-40 N '56.

HISTORIOGRAPHY
The problem of Soviet self-criticism in the historical sciences. P. K. Urban. Obz. vazhn. sob. SSSR 3 no. 103: 17-27 D '56.

HISTORY
Brief notes. Vop. ist. no. 6:222 Ag '56.
Defense of dissertations in the Department of History. Vest. AN SSSR 26 no. 11:119-121 N '56.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CONGRESSES see subdivision under Washington

HISTORY—PERIODICALS
Conference of readers of "Voprosy istorii" in Kiev. Vop. ist. no. 6:198-203 Ag '56.

HISTORY—SOURCES see subdivision under Russia

HOG HOUSES see Swine houses and equipment

HOGS see Swine

HOISTING MACHINERY
Balance grab for hoisting large brick blocks. S. Savinov. Stroitel' 2 no. 2:16 F '56.
Clamp-container for hoisting lumber. Stroitel' 2 no. 8:13 Ag '56.
Kalinin, V. I. [Operation of tractor-mounted hoisting machinery] Ekspluatatsiia traktorov-pod"emnikov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 174 p.
Mechanism for hoisting ceramic pipes. S. M. Mehamed. Stek. i ker. 13 no. 10:32 O '56.
Mechanizing the vertical hoisting of materials in heat-insulating operations. G. N. Zelin. Strol. pred. neft. prom. 1 no. 8:21-23 O '56.

HOLLAND see Netherlands

HOLLOW BRICKS
Laying ceramic block walls. S. Sergeev. Stroitel' 2 no. 2:8-9 F '56.

HOME AND SCHOOL
Brief news. Sem'ia i shkola 11 no. 12:40 D '56.
For close collaboration between teachers and parents. Sem'ia i shkola 11 no. 12:1-3 D '56.
The force of parents' interest in school affairs. D. Afanas'eva. Sem'ia i shkola 11 no. 12:15-16 D '56.
Readers' letters. Sem'ia i shkola 11 no. 12:29-31 D '56.

HOME ECONOMICS
The housewives' page. Kolkh. Bel. 4 no. 8:37 Ag '56.
The housewives' page. Kolkh. Bel. 4 no. 10:36 O '56.
Useful advice. Rabotnitsa 34 no. 12:31 D '56.

HOME EDUCATION see Correspondence schools and courses

HOME LABOR
Instructor teaches home laborers. E. Shtok. Prom. koop. no. 11:24-25 N '56.

HOMES (INSTITUTIONS) see subdivision 'Orphans and orphanages' under Paris

HOMOGENIZATION
Physicochemical interpretation of thermometric measurements by homogenizing inclusions. E. I. Vul'chin. Min. sbor. no. 5:207-200 '51.

HONEY
Medicinal use of honey and bee sting poison. Pchelovodstvo 33 no. 12:41-44 D '56.

HONEY PLANTS
Effect of mineral fertilizers on the nectar yield of phacelia. F. N. Steshenko. Pchelovodstvo 33 no. 11: 33-33 N '56.
Effect of precipitation on the flowering and honey crop from linden. N. A. Bulanov. Pchelovodstvo 33 no. 11: 33-34 N '56.
Evaluating the nectar production of plants. S. G. Bogolavlenskii, A. L. Kovarskaia. Pchelovodstvo 33 no. 11:41-43 N '56.
Secretion of floral nectar in new cotton varieties. T. I. Kaziev. Pchelovodstvo 33 no. 11:38-40 N '56.
Using sunflowers for late honey flow. Kh. Kh. Ponomarenko. Pchelovodstvo 33 no. 11:51 N '56.

HONTHORST, GERARD VAN, 1590-1656
New paintings by Honthorst in the Hermitage collection. M. I. Shcherbacheva. Trudy Gos. erm. 1:119-128 '56.

HORMONES
Biosynthesis of adrenal cortex hormones in animals of various ages. N. A. IUdaev, K. V. Druzhinina. Probl. endok. i gorm. 2 no. 5:3-8 S-O '56.
Comparative study of the biological action of cortin, cortisone, and desoxycorticosterone. A. L. Freidovich, M. P. Danilova. Probl. endok. i gorm. 2 no. 5:50-53 S-O '56.
Effect of stimulation of the splanchnic nerve on the secretion of adrenal cortex hormones in dogs. IU. A. Pankov. Probl. endok. i gorm. 2 no. 5:13-16 S-O '56.

HORNBLENDE see subdivision under Marmaroshskiy Massif; Transcarpathia

HORSE BREEDING
(see also subdivision under Piryatin)
Horse-breeding section of the Comintern Collective Farm. P. Gavrilov. Konevodstvo 26 no. 12:27-28 D '56.

HORSE BREEDING—EXHIBITIONS see subdivision under Moscow

HORSE RACING
(see also subdivision under Düsseldorf, Germany)
Challenge cup tornaments. D. Gavrikov. Konevodstvo 26 no. 12:36-38 D '56.
Reorganizing the work of tracks. Konevodstvo 26 no. 12:44 D '56.

HORSE SHOWS see subdivision under Moscow; Pereslavl'-Zaleskiy; Tori

HORSE TRAINING
My practices in working with horses. A. Zotov. Konevodstvo 26 no. 12:39-40 D '56.

HORSEFLIES see subdivision under Tien Shan

HORSEMANSHIP see subdivision under Georgia

HORSES
At the conference of stud farm managers and zootechnicians of the Ministry of State Farms of the R.S.F.S.R. Konevodstvo 26 no. 12:41-42 D '56.
Bactericidal properties of the gastric juice of horses. E. IA. Gribanovskaia, A. M. Smirnov. Veterinariia 33 no. 12:30-33 D '56.
Better organization for stud farms. A. IAkovlev. Konevodstvo 26 no. 12:12-16 D '56.

HORSES—DISEASES
Clinical aspects and diagnosis of reticular onchocerciasis in horses. M. A. Palimpsestov. Sbor. trud. Khar'. vet. inst. 21:375-379 '56.
Experimental study of serodiagnosis of encephalomyelitis in horses. M. V. Revo, K. V. Shmalii. Sbor. trud. Khar'. vet. inst. 21:219-225 '56.

HORSES—PERIODICALS
Sixth readers' conference. Konevodstvo 26 no. 12:42-43 D '56.

HORSES—PHYSIOLOGY
Chain-type conditioned reflexes in horses. Kh. T. Arskii, V. A. Kompantsev. Sbor. trud. Khar'. vet. inst. 22:160-170 '54.
Changes in the dielectric properties of the blood in horses during thermal inactivation. V. K. Tkach, V. G. Chervov. Sbor. trud. Khar'. vet. inst. 21:135-143 '56.
Condition motor reflexes in horses caused by thermal skin stimulation. Report no. 2. T. A. Chumakova. Sbor. trud. Khar'. vet. inst. 22:163-160 '54.
Conditioned motor reactions to thermal skin stimulation in horses. T. A. Chumakova. Sbor. trud. Khar'. vet. inst. 21:156-163 '56.
Conditioned motor responses in horses to thermal skin stimulation. Report no. 3. T. A. Chumakova. Sbor. trud. Khar'. vet. inst. 22:161-165 '54.
Effect of fluorine preparations (sodium fluoride and sodium fluosilicate) on the organism of horses. G. D. Adametz. Sbor. trud. Khar'. vet. inst. 22:321-328 '54.
Effect of prolonged use of horses for the production of therapeutic and prophylactic serums on the tonus of their cardiovascular system. F. M. Mikhailichenko. Sbor. trud. Khar'. vet. inst. 22:208-217 '54.
Experimental and clinical observations of the insufficiency of epithelial bodies in horses. T. G. TSymbal. Sbor. trud. Khar'. vet. inst. 21:105-129 '56.
Methods of studying conditioned motor defense reflexes in horses. Kh. T. Arskii. Sbor. trud. Khar'. vet. inst. 21: 144-147 '56.
Some peculiarities of conditioned reflexes in colts. Kh. T. Arskii. Sbor. trud. Khar'. vet. inst. 21:148-155 '56.
Two types of physiological reactions in horses under mountain conditions. A. I. Izrael'. Trudy SAGU no. 59: 16-25 '54.

HORTICULTURE see Fruit culture

HOSE
Coupling hose without bolts. Stroitel' 2 no. 3:insert Mr '56.

HOSIERY see subdivision under Tashkent

HOSPITALS—FOOD SERVICE
Output norms for prepared foods in medical institutions. M. S. Marshak. Vop. pit. 15 no. 6:51 N-D '56.

HOSPITALS, GYNECOLOGIC AND OBSTETRIC see subdivision under Frunze

HOT-WATER SUPPLY
Automatic control of water heating in the chemical section of thermopower plants. N. A. Utkin. Energetik 4 no. 11:24-25 N '56.

HOTELS, TAVERNS, ETC.
(see also subdivision under Nizhniy Mishkov)
Kuptsov, P. A. - [Hotel management] Gostinichnoe khoziaistvo. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 86 p.

HOURS OF LABOR see subdivision under Ukraine

HOUSE DECORATION
Apartment furnishings. Arkhit. i strol. Len. no. 3:47 S '56.

HOUSEHOLD UTENSILS see Kitchen utensils

HOUSEKEEPING see Home economics

HOUSES see Dwellings

HOUSES, APARTMENT see Apartment houses

HOUSING
(see also subdivision under Moscow)
Reference manual for taking stock of fixed capital in communal housing; a collection of decrees, instructions, orders and directives on inventory taking (in force July 1, 1956)] Spravochnik po inventarizatsii osnovnykh fondov zhilishchno-kommunal'nogo khoziaistva; sbornik vazhneishikh postanovlenii, instruktsii, prikazov i rasporiazhenii po inventarizatsii (po sostoianiiu na 1 iiulia 1956 g.). Izd. 2-oe, ispr. i dop. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 369 p.

HOUSING—LAW AND LEGISLATION see subdivision under Azerbaijan

HSU PEI-HUNG
Through a painter's eyes. N. T. Fedorenko. Nash. sovr. 4:236-248 '56.

HUGO, VICTOR MARIE, 1802-1885
Hugo's plays in the 1860's. I.IA. Vollson. Uch. zap. Inst. mir. lit. 2:36-54 '56.
The struggle for Hugo in present-day France. E. M. Evnina. Uch. zap. Inst. mir. lit. 2:55-78 '56.
Victor Hugo as publicist. M. S. Treskunov. Uch. zap. Inst. mir. lit. 2:5-35 '56.

HULLS (NAVAL ARCHITECTURE)
Calculations for ship structures of the rectangular-truss type. A. I. [illegible] Trudy Mosk. inzh.-stroit. inst. vyp. prom. i khoz. [illegible]

HUNGARY—HISTORY
Indignant voice of nations. V. Ardatovskii. Krest'ianka 35 no.12;7-8 D '56.
Influence of the Russian Revolution of 1905-1907 on the revolutionary struggle of the Hungarian people. Peter Hanak. Doki. i soob. Inst. ist. no. 9:94-106 '56.

HUNGARY—POLITICS AND GOVERNMENT
A letter from England. Mary Pritt. Sov. zhen. 12 no.12:17 D '56.
Letters from Hungary. André Sîli. Translated from the French. Ogonek 34 no.48:8 N '56.
People who arrived from the West. A. Novikov. Ogonek 34 no.49:4-5 D '56.
The peoples rebuffed them. A. Kurov. Rabotnitsa 34 no.12:6-7 D '56.
The truth about Hungary. Sov. zhen. 12 no.12:17-18 D '56.

HUNTING
(see also subdivision under Kazakhstan; Kokchetov Province; Siberia)
Answers to questions from readers. Okh. i okh. khoz. no.11:61 N '56.
Brief news. Okh. i okh. khoz. no.11:62 N '56.
Complete failure ("Main problems of hunting in the U.S.S.R." S.D. Pereleshin. Reviewed by A. Malinovskii). Okh. i okh. khoz. no.11:54-55 N '56.
Favorite profession. A. Tashkina. Okh. i okh. khoz. no.11:42-47 N '56.
Follow-up on published articles. Okh. i okh. khoz. no.11:60 N '56.
Guliaev, I.A. [Hunting fur-bearing animals] Okhota na pushnykh zverei. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 79 p.
Handbook for hunters. K. Kulikov. Okh. i okh. khoz. no.11:16-17 N '56.
Hunting farms. V. Denisov. Okh. i okh. khoz. no.11:9-10 N '56.
In a hunting district. M. Ingor. Okh. i okh. no.11:11-13 N '56.
On a hunting trip with A.S. Novikov-Priboi. S. Urasov. Okh. i okh. khoz. no.11:53 N '56.
Publicizing hunting. M. Safronov. Okh. i okh. khoz. no.11:58 N '56.
A useful book ("Hunting and game." Reviewed by A. Kozlovskii). Okh. i okh. khoz. no.11:57 N '56.

HUNTING—STUDY AND TEACHING
Get acquainted with the principles of hunting. P. Turkin. Okh. i okh. khoz. no.11:16 N '56.

HUNTING AND FISHING CLUBS see subdivision under Ala-Kul' District

HUNTING DOGS
A good start. Okh. i okh. khoz. no.11:58 N '56.
New cadres of specialists. Okh. i okh. khoz. no.11:34 N '56.

HURDLE RACING
Achievements of hurdlers must be higher. V. Sadovskii. Leg. ati. no.11:2-4 N '56.

HUSBAND AND WIFE
It happened in Efremov. Aleksei Pershin. Rabotnitsa 34 no.12:29 D '56.

HYBRIDIZATION
Biological characteristics of three-breed hybrid chickens obtained by heterospermous fertilization. E.K. Merkur'eva. Uch. zap. Mosk. un. no.186:119-150 '56.
Experimental proof of the possibility of obtaining three-breed hybrid chickens in the first generation. E.K. Merkur'eva and others. Uch. zap. Mosk. un. no.186: 103-117 '56.

HYBRIDIZATION, VEGETABLE
Intervarietal hybridization of onions. M.F. Peregudi. Sad i og. no.10:16-18 O '56.
New methods in the vegetative hybridization of grain. I.A. Petrov. Mich. uch. na sluzh. nar. no.3:43-57 '55.
Vegetative hybridization as a method of overcoming non-crossability in the nightshade family. I.A. Samsonova. Uch. zap. Mosk. un. no.186:161-165 '56.

HYDATIDS
Epizootology and epidemiology of echinococcosis. A.F. Nosik. Sbor. trud. Khar'. vet. inst. 21:264-270 '56.
Genesis of Echinococcus alveolaris S.E. multilocularis, E. eavarotyroliense. A.F. Nosik. Sbor. trud. Khar'. vet. inst. 21:312-327 '56.
Immunity in echinococcosis in domestic animals. A.F. Nosik. Sbor. trud. Khar'. vet. inst. 21:271-286 '56.
Reactivity of a host's organism and modifications of hydatid cysts. A.F. Nosik, IA.P. Pustovar. Sbor. trud. Khar'. vet. inst. 21:287-303 '56.
Resistance of oncospheres of Echinococcus granulosus to the action of some physical and chemical factors. A.F. Nosik. Sbor. trud. Khar'. vet. inst. 21:304-311 '56.
Studying the biological peculiarities of the causative agent of echinococcosis in domestic animals. A.F. Nosik. Sbor. trud. Khar'. vet. inst. 22:286 '54.

HYDRATION
Hydration of acetylene. I.L. Kotliarevskii. Trudy Vost.-Sib. fil. AN SSSR no.4:58-66 '56.

HYDRAULIC ENGINEERING
Effect of temperature and water permeability of concrete of structures under water pressure on the distribution of pressure in their foundations. V.P. Kirakosov. Gidr. strol. 25 no.10:27-32 N '56.
Kirakosov, V.P. [Investigation of seepage in concrete structures subject to water pressure] Issledovanie fil'tratsii v postroennykh vodopodpornykh betonnykh sooruzheniiakh. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 233 p.
Method for calculating trench-type sediment traps for intake works with a grate-covered chamber. P.A. Poner. Izv. AN Kazakh. SSR. Ser. energ. no.10:64-75 '56.
Reducing a problem concerning volumetric forces of dead weight to a problem of contour loading for domains having various elastic constants. L.I. Diattovitskii, G.M. Spirin. Izv. Inst. gidrol. i gidr. AN URSR no.14: 93-95 '56.
Results of investigation of the flushing sluice of trench sand and gravel traps. A.I. Arykova. Izv. AN Kazakh. SSR. Ser. energ. no.10:48-63 '56.
Results of investigations of several design variants for hydraulic installations in the lower courses of rivers. N.N. Surova. Vop. gidr. no.1:129-136 '55.
Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Upravlenie kapital'nogo stroitel'stva. Engineering geology research in designing and constructing hydroelectric power structures; a practical manual for technicians and geologists] Inzhenerno-geologicheskie issledovaniia pri proektirovanii i stroitel'stve gidroenergeticheskikh sooruzhenii; metodicheskoe posobie dlia tekhnikov-geologov. Izd. 2-oe, ispr. Moskva, Gos. energ. izd-vo, 1954. 408 p.

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—TABLES, CALCULATIONS, ETC.
Electrical method of testing nets with an electrointegrator. V.K. Pukhal'skii. Izv. Inst. gidrol. i gidr. AN URSR no.14:106-111 '56.
Lukinykh, A.A., and N.A. Lukinykh. [Tables for hydraulic calculations of sewage systems and siphon spillways according to Academician N.N. Pavlovskii's formula] Tablitsy dlia gidravlicheskogo rascheta kanalizatsionnykh setei i dlukerov po formule akad. N.N. Pavlovskogo. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 110 p.

HYDRAULIC JUMP
Length of a fully developed hydraulic jump in channels of non-rectangular cross section. G.I. Sukhomel. Izv. Inst. gidrol. i gidr. AN URSR no.14:3-6 '56.

HYDRAULIC MINING
Anikeev, I.IA. [Hydromechanization in the mining and quarrying of industrial building materials] Gidromekhanizatsiia na kar'erakh promyshlennosti stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 199 p.

HYDRAULIC RAMS
Practice in producing simple water-lifting pumps. O.L. Ivashyn. Mekh. sil'. hosp. 7 no.10:23-25 O '56.

HYDRAULIC TURBINES
Passage of anchor ice through turbines in low-capacity diversion-type hydroelectric power stations. TS.A. Nazarov. Izv. AN Kazakh. SSR. Ser. energ. no.10:76-86 '56.

HYDRAULIC TURBINES—MAINTENANCE AND REPAIR
Repairing the jacket of the shaft of a hydraulic turbine without disassembling the installation. L.G. Smolianov. Energomashinostroenie no.11:21-22 N '56.

HYDRAULICS
Calculating non-scouring speeds for flow around bends in large channels. I.L. Rozovskii. Izv. Inst. gidrol. i gidr. AN URSR no.14:7-22 '56.
Calculating the flow regime in nonsilting and non-scouring channels, in settling basins and sand traps. I.IA. Orlov. Vop. gidr. no.1:75-85 '55.
Electric modeling of channel stream flow. O.IU. Ishlinskyi. Dop. AN URSR no.3:124-128 '56.
Formulas for calculating the suspension (transporting) capacity of a stream. A.V. Efremov. Vop. gidr. no.1:159-165 '55.
On the form of hydraulically stable channel cross sections. A.V. Troitskii. Vop. gidr. no.1:33-59 '55.
Some formulas for a rapid C multiplier. M.M. Didkovskii, I.A. Rodionov. Gidr. strol. 25 no.10:59-61 N '56.
Some results of investigations of channel processes in sections of rivers flowing through a plain. A.S. Dudkin, I.IA. Orlov, A.P. Ushakov. Vop. gidr. no.1:113-124 '55.
Stable river bed. A.N. Gostunskii. Vop. gidr. no.1: 25-32 '55.

HYDRAZINE
Role of the cerebral cortex in the pathogenesis of hemolytic anemia. Report no.1: Attempted reproduction of a syndrome of experimental phenylhydrazine anemia. N.A. Grigorovich. Biul. eksp. biol. i med. 42 no.10: 11-15 O '56.

HYDROBROMIC ACID
Hydrogen exchange between aromatic hydrocarbons and liquid deuterium bromide [with English summary in insert]. A.I. Shatenshtein, V.R. Kalinachenko, IA.M. Varshavskii. Zhur. fiz. khim. 30 no.9:2093-2097 S '56.
Hydrogen exchange between benzene and naphthalene derivatives and liquid deuterium bromide [with English summary in insert]. A.I. Shatenshtein, V.R. Kalinachenko, IA.M. Varshavskii. Zhur. fiz. khim. 30 no.9: 2098-2106 S '56.

HYDROCARBONS
Alkylation of polynuclear aromatic hydrocarbons with unsaturated hydrocarbons [in Azerbaijani with summary in Russian]. IU.G. Mamedaliev, D.Ch. Cheremov. Uch. zap. AGU no.1:3-23 '56.
Aromatic hydrocarbons of the naphtalene series in Kum-Dag oil. A.N. Nitazov, Kh. Vakhabova. Izv. AN Turk. SSR no.3:73-79 '56.
Determining the content of hydrocarbons and moisture adsorbed by activated carbon. N.V. Kel'tsev. Gaz. prom. no.6:34-35 Je '56.
F.M. Flavitskii's works on the chemistry of hydrocarbons. IU.S. Musabekov. Trudy Inst. ist. est. i tekh. 12:258-264 '56.
Hydrogen exchange between aromatic hydrocarbons and liquid deuterium bromide [with English summary in insert]. A.I. Shatenshtein, V.R. Kalinachenko, IA.M. Varshavskii. Zhur. fiz. khim. 30 no.9:2093-2097 S '56.
Hydrogen exchange between benzene and naphthalene derivatives and liquid deuterium bromide [with English summary in insert]. A.I. Shatenshtein, V.R. Kalinachenko, IA.M. Varshavskii. Zhur. fiz. khim. 30 no.9: 2098-2106 S '56.
Mechanism of the catalytic action of metals in the oxidation of unsaturated hydrocarbon-containing fuels [with English summary in insert]. A.A. Gurvev, Z.A. Sablina. Zhur. fiz. khim. 30 no.9:2022-2026 S '56.
Splitting of hydrocarbons during destructive hydrogenation. Report 2. I.V. Kalechits, L.M. Kalibernde. Trudy Vost.-Sib. fil. AN SSSR no.4:94-114 '56.
Vsesoiuznoe soveshchanie po kompleksnoi khimicheskoi pererabotke neftianykh gazov. [Chemical processing of petroleum hydrocarbons; proceedings of a conference] Khimicheskaia pererabotka neftianykh uglevodorodov; trudy soveshchaniia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 654 p.

HYDRODYNAMICS
Determining the filtration coefficient on the basis of pumping from a single well at one degree drop of the level. P.P. Klimentov. Razved. i okh. nedr 21 no.3: 45-48 My-Je '55.
Effect of the diameter of a completed well on its yield. I.M. Bunchidze, V.M. Nasberg. Razved. i okh. nedr 21 no.2:42-45 Mr-Ap '55.
Filtration of a fluid in a stratum nonhomogeneous in thickness and permeability. N.S. Piskunov. Trudy VNII no.8:232-240 '56.

HYDROELECTRIC POWER
Basic problems in the development of hydroelectric power in the sixth five-year plan. A. Baschlinskii, A. Voznesenskii. Plan. khoz. no.5:14-28 '56.
Elements of determining the operational forecast for hydroelectric power stations and systems. V.P. Zakharov, Sh.Ch. Chokin. Izv. AN Kazakh. SSR. Ser. energ. no.10:3-47 '56.

HYDROELECTRIC POWER STATIONS
(see also subdivision under Siberia; Volga River; Yuzhnyy Bug River; also Bratsk Hydroelectric Power Station; Gorkiy Hydroelectric Power Station; Kakhovka Hydroelectric Power Station; Kama Hydroelectric Power Station; Kremenchug Hydroelectric Power Station; Supung Hydroelectric Power Station; Volgyanskaya Hydroelectric Power Station; Votkinsk Hydroelectric Power Station)
Floating electric power station. Ukraina no.22:31 N '56.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Water resources management and rural hydroelectric power stations" pavilion; a guidebook] Pavil'on "Vodnoe khoziaistvo i sel'skie gidroelektrostantsii"; putevoditel'. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 21 p.
Vital power. A. Starkov. Ogonek 34 no.45:6-8a N '56.

HYDROELECTRIC POWER STATIONS—COLD WEATHER CONDITIONS
Passage of anchor ice through turbines in low-capacity diversion-type hydroelectric power stations. TS.A. Nazarov. Izv. AN Kazakh. SSR. Ser. energ. no.10:76-86 '56.

eimer with automatic temperature control, an. Prom. energ. 11 no. 11:11-13 N

behavior of the hydrogen ion in a variety und mixed solvents. Part I. Solutions ethyl) alcohol and in $CH_3OH + H_2O$ mix- glish summary in insert]. P. K. Migal', N. I. Hondarenko. Zhur. fiz. khim. 30 10 S '56.

on of diffuse atomic hydrogen on the olarized electrode in alkaline solutions. ia. Izvest. AN SSSR Otd. khim. nauk no. 3:397-400 S

ydrogen bonds in inorganic compounds. 3. . A. S. Sonin. Kristallografiia 1 no. 3:

ydrogen bonds in inorganic compounds. 3. . Kristallografiia 1 no. 3:329-333 '56.

IALYSIS

ous for determining the hydrogen content facturers. A. N. Morozov, P. IA. Povolot- ev. Zav. lab. 22 no. 7:867-869 '56.

ECTRA

ghtness hydrogen lamp. I. I. Kondilenko, . Nauk. zap. Kiev. un. 13 no. 7:131-143

CONCENTRATION

e acidity of pyridine sulfate by the poten- od. N. Kh. Cherkasov, P. I. Kruglova, Koks i khim. no. 7:43-44 '56.

meter with a glass electrode. K. N. Dylo- Laikamskii. Zav. lab. 22 no. 7:873-873

y problem of the application of methods and regulating the pH value. L. I. Bulen'- 22 no. 7:767-778 '56.

LEUR see Protons

ENIDE--SPECTRA

ctrum of IIDSe. V. G. Vasilago, A. M. Zhur. eksp. i teor. fiz. 31 no. 4:731 O

FIDE

flex activity in rheumatism in children tweeen attacks) as related to hydrogen herapy. T. P. Borisova. Pediatriia 6 Ji-Ag '56.

thods for removing hydrogen sulfide from in foreign countries. M. N. Litvinenko. no. 7:60-61 '56.

IN

genation of isopropyl- and isopropenyl- B. A. Kazanskii, M. IU. Lukina, I. A. Nes- v. AN SSSR. Otd. khim. nauk no. 10: '56.

products of destructive hydrogenation of a lignegaten-sulfide-nickel-sulfide-alumina . Kalechits, K. A. Pavlova. Trudy Vost. - SR no. 4:81-86 '56.

hydrogenation of certain individual phenols. , F. Ch. Salimgareeva. Trudy Vost. -Sib. io. 4:72-75 '56.

of acetylene compounds. I. L. Kotliarev- Vost. -Sib. fil. AN SSSR no. 4:67-80 '56.

of cottonseed oil on a nickel-skeleton F. Sokol'skii, I. I. Voloshin. Izv. AN ser. khim. no. 10:69-66 '56.

genation of double bonds of cyclopentadiene oxidation catalyst. L. Kh. Freidlin, B. D. Izv. AN SSSR. Otd. khim. nauk no. 10: 56.

actions during the destructive hydrogena- e. I. V. Kalechits, K. A. Pavlova. Trudy AN SSSR no. 4:87-93 '56.

rocarbons during destructive hydrogena- 2. I. V. Kalechits, L. M. Kaltberdo. Sib. fil. AN SSSR no. 4:104-114 '56.

y catalysts for destructive hydrogenation ular raw materials. Report 1: liquefac- components of tar and hydrogenates of resonance of $WS_2$ catalyst. I. V. Kalechits, va. Trudy Vost. -Sib. fil. AN SSSR no. 4:

y catalysts for destructive hydrogenation ular raw materials. Report 2: Deactiva- n industrial catalysts. L. V. Pinchuk and ly Vost. -Sib. fil. AN SSSR no. 4:137-149

sis out to sea. A. Sinel'nikov. Ogonek 34 6.

ivision under Lenovenka River; Po- alley; Volga Valley)

the water balance method for computing subsurface flow and evaporation from Agureev. Vest. Len. un. 11 no. 18:91-104

Role of geostructural and hydrogeological analyses in studying the water balance of regions. B. I. Kudelin. Uch. zap. Mosk. un. no. 176:195-220 '56.

Some considerations on the physical characteristics of the so-called "average depth." A. A. Sadovskii. Trudy Zool. inst. AN Gruz. SSR 14:309-331 '56.

HYDROSTATICS

Calculating casings for external hydrostatic pressure. S. B. Guseinov. Azerb. neft. khoz. 35 no. 9:32-34 S '56.

Device for determining buoyancy changes in floats caused by varying external pressure. L. M. Zaitseva. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:24-25 '54.

HYENAS see subdivision under Kara Kum

HYGIENE

Advice on health. Zdorov'e 2 no. 12:20 D '56.

HYGIENE--STUDY AND TEACHING see Health education

HYGIENE, INDUSTRIAL see Industrial hygiene

HYGIENE, RURAL see Public health, Rural

HYGIENE, VETERINARY see Veterinary hygiene

HYPERSTHENE see subdivision under Transcarpathia

HYPERTENSION

Belostotskii, E. M., and A. IA. Vilenkina. [The fundus of the eye in hypertonia] Glaznoe dno pri gipertonicheskoi bolezni. Moskva, Trest "Meduchposobie," 1950. 175 p. (DNLM)

Effect of ACTH and cortisone on conditioned reflex increase of blood pressure in dogs. N. A. Iatchenko. Probl. endok. i gorm. 2 no. 5:19-24 S-O '56.

Effectiveness of treating hypertension at the TSkhaltubo health resort. G. V. Tsitlanadze. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:26-31 O-D '56.

Electric sleep for treating hypertension. G. V. Sergeev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:39-45 O-D '56.

Materials on the clinical and physiological basis for using physical agents in the compound treatment of hypertension. M. G. Gol'del'man, K. V. Khilevskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:32-38 O-D '56.

Neurovascular reaction to excerise therapy in hypertension. I. I. Khitrik. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:52-56 O-D '56.

Physical factors in treating hypertension. N. A. Vinogradov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4: 26-29 O-D '56.

Pseudoalbuminuric retinitis in intracranial hypertension. L. N. Zozulia. Vest. oft. 39 no. 5:34-37 S-O '56.

Treating hypertension by thermal baths in Tbilisi. S. I. Chilingarishvili. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:113 O-D '56.

HYPERTENSION--STUDY AND TEACHING

Work of a therapeutics study group at the Pervomaysk Medical School. I. L. Dizik. Fel'd. i akush. 21 no. 11: 53-54 N '56.

HYPERTRICHOSIS

Virile hypertrichosis. A. P. Kostarev. Vest. ven. i derm. 30 no. 5:54 S-O '56.

HYPNOTISM

Hypnosis and suggestion. IU. B. Kozinskii. Zdorov'e 2 no. 12:1-3 D '56.

HYPOGLYCEMIA

Diagnosis of spontaneous hypoglycemia. I. M. Savich. Zhur. nevr. i psikh. 56 no. 10:791-802 O '56.

HYPOTHERMIA

Dynamics of extinction and restoration of vital functions of the organism following fatal exsanguination in hypothermia. V. A. Negovskii, V. I. Soboleva. Arkh. pat. 18 no. 6:68-70 '56.

Hypothermia and ganglion-blocking agents for the prevention of complications caused by temporary blood flow arrest in experimental studies. I. R. Petrov, T. N. Astakhova, N. V. Korostoviseva. Vest. khir. 77 no. 10:16-26 O '56.

IALKUT, VLADILENA

Vladilena IAlkut sings. V. Honcharenko. Sots. kul't. 9 no. 10:36 O '56.

IARKOV, SERGEI PETROVICH, 1903-1956

Sergei Petrovich IArkov; obituary. Izv. TSKhA no. 3: 237 '56.

IBERIA (GEORGIA)--FOREIGN RELATIONS--ROME

Relations between Iberia and Rome in the first half of the second century [in Georgian with summary in Russian]. M. P. Inadze. Trudy inst. ist. AN Gruz. SSR 1: 313-338 '56.

IBSEN, HENRIK, 1828-1906

Poet of great thoughts and feelings; on the 50th anniversary of H. Ibsen's death. D. Nikolich. Sov. Kazakh. 23 no. 5:113-119 My '56.

ICE

Plastic sagging of ice beams. K. F. Voitkovskii. Dokl. AN SSSR 110 no. 3:383-386 S '56.

ICE AGE see Glacial epoch

ICE CRYSTALS--SPECTRA

Interaction of inter- and intramolecular vibrations in the spectrum of ice crystals. V. I. Val'kov, G. L. Maslenkova. Opt. i spektr. 1 no. 7:881-884 N '56.

ICE ON RIVERS, LAKES, ETC.

Load capacity of ice on rivers and lakes and the transportation of lumber. M. M. Korunov. Les. prom. 34 no. 11:18-19 N '56.

ICHNEUMON FLIES see subdivision under Lenkoran District

ICHTYOLOGY

Institute of the Biology of Reservoirs. Vest. AN SSSR 26 no. 11:105-106 N '56.

IGNITION DEVICES see Automobiles--Ignition

IL'ENKOV, PAVEL ANTONOVICH, 1821-1877

J. Liebig's unpublished letters to P. A. Il'enkov, P. M. Luk'ianov. Trudy inst. ist. est. i tekh. 12:353-359 '56.

IL'ENKOVA, SOF'IA IAKOVLEVNA

Sof'ia IAkovlevna Il'enkova. V. N. Melent'ev. Med. sestra 15 no. 11:26-28 N '56.

ILI VALLEY--MINERAL WATERS

Effect of Ayak-Kalkan mineral water on the secretion of bile. N. K. Kolesnikova. Vest. AN Kazakh. SSR 12 no. 8:95-98 Ag '56.

ILIMOV, IVAN PETROVICH, 1820-1891

History of stearin-olein and candle production in Russia (I. P. Ilimov's work). A. S. Klinchevich. Trudy inst. ist. est. i tekh. 12:330-352 '56.

IL'INSKII, MIKHAIL ALEKSANDROVICH, 1856-1956

Mikhail Aleksandrovich Il'inskii; on the 100th anniversary of his birth. A. I. Khrapkovskii. Zav. lab. 22 no. 9: 1139-1140 '56.

ILVAITE

Hvaite of skarn-polymetallic deposits. L. N. Khetchikov. Min. sbor. no. 10:298-304 '56.

IMMUNITY

Factors of immune reactivity in animals. P. N. Kozlakov, M. N. Rozntkova. Biul. eksp. biol. i med. 42 no. 10:49-53 O '56.

Immunity in echinococcosis in domestic animals. A. F. Nosik. Sbor. trud. Khar'. vet. inst. 21:271-286 '56.

Infection and immunity in radiation sickness. N. N. Klemparskaia. Med. rad. 1 no. 5:3-10 S-O '56.

Role of the reticulo-endothelial system in the mechanism of immunity to typhus fever. E. IA. Shtengol'd. Vop. kranov. pat. no. 4:86-88 '54.

INBER, VERA MIKHAILOVNA, 1890-

A tale for preschool children "When I was a small girl" by V. Inber. Reviewed by M. A. Uvarova. Doshk. vosp. 29 no. 11:44-46 N '56.

INCANDESCENT LAMPS see Electric lamps, Incandescent

INCOME

Alekseev, A. M. [National income in capitalist society] Natsional'nyi dokhod kapitalisticheskogo obshchestva. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 31 p.

Compiling a regional balance sheet of the monetary income and spending of the population. G. Kuganov. Den. i krod. 14 no. 11:8-22 N '56.

INCOME TAX

Glebov, A., comp. [Tables for compiling income taxes and taxes on unmarried and other single persons, and heads of small families] Tablitsa po ischisleniiu podokhodnogo naloga i naloga na kholostiakov, odinokikh i malosemeinykh grazhdan SSSR; v pomoshch' schetnym rabotnikam predpriiatii, organizatsii i uchrezhdenii. Moskva, Gosfinizdat, 1956. 39 p.

INCUBATION

Detecting causes for the mortality of chick embryos by pathomorphological analysis of incubation "waste" (chicks which failed to hatch). A. M. Shchegolov. Sbor. trud. Khar'. vet. inst. 21:66-78 '56.

Optimum conditions for the incubation of eggs. N. P. Trel'iakov. Mich. uch. na sluzh. nar. no. 3:204-208 '55.

INCUBATORS

Current tasks in building and modernizing incubators. N. P. Trel'iakov. Ptitsevodstvo 6 no. 11:28-31 N '56.

How to prevent burning of electric motors in incubators. S. N. Antonovich. Ptitsevodstvo 6 no. 11:33 N '56.

New system for supplying water to incubators. S. M. Barulin. Ptitsevodstvo 6 no. 11:32-33 N '56.

When will we have incubators for hatching goose eggs? S. IA. Volkov. Ptitsevodstvo 6 no. 11:46 N '56.

INDEX LIBRORUM PROHIBITORUM
From the papal "Index librorum prohibitorum." M. I. Shul'gin. Vop. ist. rel. i ateiz. no. 4:413-422 '56.

INDEX NUMBERS (ECONOMICS)
The index method in K. Marx's works. N. E. Lesiuis. Nauch. zap. Len. fin.-ekon. inst. no. 9:3-35 '55.

INDIA—BANKS AND BANKING
The credit system in India (continuation). L. Glikson. Den. i kred. 14 no. 11:56-62 N '56.

INDIA—BRITISH OCCUPATION
Classic figures of Marxism and Leninism on the struggle of the Indian people for their national independence. Fuad Kasim-zade. Uch. zap. AGU no. 5:71-88 '55.

INDIA—COMMERCE
Development of economic ties between India and socialist countries [with summary in English, p. 31]. A. Kutsenkov. Vnesh. torg. 26 no. 10:6-11 O '56.

INDIA—CREDIT
The credit system in India (continuation). L. Glikson. Den. i kred. 14 no. 11:56-62 N '56.

INDIA—DAIRY INDUSTRY
Dairy industry in India. M. Kogan. Moloch. prom. 17 no. 7:40-42 '56.

INDIA—ECONOMIC ASSISTANCE
Policy of blackmail. Mezhdunar. zhizn' no. 11:121-122 N '56.

INDIA—HANDICRAFT
[Indian handicraft wares [based on the 1955 exhibition in Moscow] Kustarnye izdeliia Indii; [po materialam vystavki 1955 goda v Moskve] [Moskva, Sovetskii khudozhnik, 1956] 40 post cards (in portfolio)

INDIA—HISTORY
Indian principalities during the crisis of British rule in India [with English summary in insert]. S. A. Mikoian. Sov. vostokoved. no. 5:96-107 '56.

INDIA—MOTION-PICTURE INDUSTRY
Garga, B.D., and Balvant Gargi. [Motion pictures of India, Translated from the English] Kino Indii. Perevod s angliiskogo O.Gruzinovoi. Moskva, Gos. izd-vo "Iskusstvo," 1956. 75 p. (Kinoiskusstvo zarubezhnykh stran. Populiarnye ocherki)

INDIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Samylovskii, L.V. [Panchasila; the five principles of international relations] Pancha shila; piat' printsipov mezhdunarodnykh otnoshenii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 47 p.

INDIA—RELATIONS (GENERAL) WITH RUSSIA
In the interests of the peoples. Hardi. Ogonek 34 no. 45:14 N '56.
Voices of friends (introduction). A. Surkov. Inostr. lit. no. 11:3-4 N '56.

INDIA—THEATER
Our interviews; Indian artists. Teatr 17 no. 11:135-143 N '56.

INDIC POETRY
Voices of friends (introduction). A. Surkov. Inostr. lit. no. 11:3-4 N '56.

INDIGESTION see Dyspepsia

INDO-EUROPEAN LANGUAGES see Aryan languages

INDONESIA—FOREIGN ECONOMIC RELATIONS—RUSSIA
Development of Soviet-Indonesian economic relations. Mezhdunar. zhizn' no. 10:116-117 O '56.

INDONESIA—RELATIONS (GENERAL) WITH RUSSIA
Soviet pilots on a visit to President Sukarno. Ogonek 34 no. 48:3 N '56.

INDONESIA—RELATIONS (GENERAL) WITH UZBEKISTAN
Visit of friendship. Sots. Uz. 15 no. 10:7 O '56.

INDUCTANCE
Inductances of bus bars of rectangular cross section during sharply defined skin effect. L. A. TSeitlin. Elektrichestvo. no. 11:43-50 N '56.

INDUCTION (ELECTRICITY)
Determining the depth of underground conduction bodies by the induction method. A. G. Tarkhov. Razved. i okh. nedr 20 no. 1:33-36 Ja-F '54.

INDUCTION HEATING
Dismantling outworn lock joints by means of electric induction heating. F. Kh. Meshiiev, T. N. Kornev. Azerb. neft. khoz. 35 no. 9:12-13 S '56.
High-frequency heating of materials with high specific resistance. N. P. Skvortsov. Vest. elektroprom. 27 no. 5:30-34 My '56.
Using high-frequency currents to solder T-shaped steel pipeline connections used in sanitary engineering. F. I. Kliiuk. Sirol. prad. neft. prom. 1 no. 3:11-13 O '56.

INDUCTION MOTORS see Electric motors, Induction

INDUSTRIAL BUILDINGS
Universal standard blocks for multistory buildings of the chemical industry. M. E. Ostrovskii. Stroi. prom. 34 no. 11:10-24 N '56.

INDUSTRIAL CAPACITY
Basic problems in determining the productive capacity of enterprises in socialist industry. G. D. Gurari. Nauch. zap. Len. fin-ekon. inst. no. 10:3-53 '56.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL HYGIENE
Improving the equipment and sanitation of the work area. I. Poroshin. Sots. trud no. 9:89-91 S '56.

INDUSTRIAL MANAGEMENT
(see also subdivision under White Russia)
Dispatching in the industry. IU. Faktorovich. Stroitel' 2 no. 3:21 Mr '56.
Improvement in the planning of organizational and technical measures of industrial enterprises. M. N. Grunkin. Nauch. zap. Len. fin.-ekon. inst. no. 8:134-148 '55.
Improvement in the planning of working capital of industrial enterprises. S. D. Ratner. Nauch. zap. Len. fin.-ekon. inst. no. 8:103-113 '55.
Listen attentively to workers' advice and suggestions. Sots. trud no. 9:7-21 S '56.
Organizing the dissemination of economic information. L. Nikuradze. Avt. transp. 34 no. 11:31-32 N '56.
Problems in determining the effectiveness of funds invested in the working capital of industrial enterprises. S. D. Ratner. Nauch. zap. Len. fin.-ekon. inst. no. 10:54-65 '56.
Ratner, S. D. [Problems in determining the effective use of working capital in industrial enterprises] Voprosy opredeleniia effektivnosti ispol'zovaniia oborotnykh sredstv promyshlennykh predpriiatii. Moskva, Gosfinizdat, 1956. 81 p.

INDUSTRIAL NURSING
Role and duties of a health center nurse in an industrial enterprise. A. A. Bilyk. Med. sestra 15 no. 11:15-18 N '56.

INDUSTRIAL ORGANIZATION
Improvement in the organization of production is an important condition for increasing labor productivity. V. Serebrov. Komm. Bel. 29 no. 11:35-40 N '56.

INDUSTRIAL RELATIONS
The mark of a director. Part. zhizn' no. 19:69-70 O '56.

INDUSTRIAL STATISTICS
Conventional measurements of industrial production. M. A. TSeitlin. Nauch. zap. Len. fin.-ekon. inst. no. 9:36-54 D '56.
The quality of production and its importance for the national economy. Han San-no. Nauch. zap. Len. fin.-ekon. inst. no. 9:94-135 D '56.
Volodarskii, L.M. [Industrial statistics] Statistika promyshlennosti. Izd. 2-oe, dop. Moskva, Gos. statisticheskoe izd-vo, 1956. 195 p.

INDUSTRIALIZATION
(see also subdivision under Armenia; Kazakhstan; Kuznetsk Basin)
Zhukov, P. A., and V. I. Ganshiak. [The leading role of socialist industry in the development of Soviet agriculture] Vedushchaia rol' sotsialisticheskoi promyshlennosti v razvitii sel'skogo khoziaistva, 1954. 62 p. (V pomoshch' propagandistu i agitatoru)

INDUSTRIES, HOME see Homo labor

INEQUALITIES (MATHEMATICS)
Limits of applicability of a theorem of Chaplygin on differential inequalities. N. V. Azbelev. Mat. sbor. 39 no. 2:161-178 Je '56.

INFANTS—CARE AND HYGIENE
Burping and vomiting in children. A. F. Tur. Zdorov'e 2 no. 12:14-15 D '56.

INFANTS—NUTRITION
Oxidation-reduction processes in the intestine in infants under various forms of nutrition. T. A. Berabol. Vop. pit. 15 no. 6:16-22 N-D '56.

INFANTS (NEWBORN)
Problem of immunologic correlations between the human fetus and mother. Report no. 1. Isoserologic characteristics of retroplacental blood in mothers and of umbilical blood in newborn infants. L. S. Volkova. Biul. eksp. biol. i med. 42 no. 10:65-68 O '56.
Structural characteristics of the prostate in newborn infants. L. A. Cherkasskii. Urologiia 21 no. 1:48-50 Ja-Mr '56.

INFANTS (NEWBORN)—DISEASES
Congenital intestinal obstruction in the newborn. T. A. Rudakova. Vest. khir. 77 no. 10:86-89 O '56.

Timoshenko, L. V. [Hemolytic diseases of newborn infants; the Rh factor as a cause of hemolysis and its complications] Gemoliticheskie zabolevaniia novorozhdennykh; rezus-faktor kak prichina gemoliza i ego oslozhnenila. Kiev, Gos. med. izd-vo USSR, 1956. 155 p. (Biblioteka prakticheskogo vracha)
(DNLM)

INFANTS (PREMATURE)
Some causes, the course and outcome of premature labor; according to hospital data. N. V. Antipina. Zdrav. Kazakh. 16 no. 10:23-26 '56.

INFECTION
Appearance and course of infection according to comparative pathology. N. N. Strotinin. Arkh. pat. 18 no. 6:10-18 '56.
Characteristics of the course of anaerobic infection in rats following injuries of the cerebral cortex. Z. I. Sobieva. Biul. eksp. biol. i med. 42 no. 10:15-18 O '56.

INFECTIOUS DISEASES see Communicable diseases

INFLUENZA
Influenza and subarachnoid hemorrhages. E. V. Shanova. Zdrav. Kazakh. 16 no. 10:10-14 '56.
Treatment and prevention of influenza. M. I. Sokolov. Med. sestra 15 no. 10:3-10 O '56.

INFORMATION THEORY
Calculating entropy for some special distributions of probabilities. M. M. Bakhmet'ev. Radiotekh. i elektron. 1 no. 5:613-622 My '56.

INFRARED RAYS—INDUSTRIAL APPLICATIONS
Infrared radiation. A. P. Protopopov. Nauka i pered. op. v sel'khoz. no. 10:6-7 O '56.

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA
Nucleic acids in the infusorium Trachelocerca phoenicopterus (Holotricha). I. D. Ratkov. Dokl. AN SSSR 110 no. 2:289-292 S '56.

INGROWING NAILS see Nails, Ingrowing

INHERITANCE (BIOLOGY) see Heredity

INHIBITION
Changes in the verbal reaction to verbal stimuli under the effect of external inhibition in children. T. P. Fufygina. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:34-45 '56.
Developing conditioned inhibition and disinhibition in response to the same stimulus in neuroses in children. Z. L. Sinkevich. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:220-237 '56.
Effect of external inhibition on the combined activity of the first and second signal systems. V. M. Maslennikova. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:46-56 '56.
Effect of retarded inhibition of a conditioned motor reaction on the cardiovascular system; preliminary report. E. M. Nikiforova. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:201-208 '56.
Elective irradiation of an extinguishing inhibition in various age phases. M. I. Seredina. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:88:98 '56.
Inhibition in pathology. A. D. Speranskii. Fiziol. zhur. 42 no. 10:931-937 O '56.
Irradiation of a process of inhibition from the second signal system into the first. T. P. Fufygina. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:92-105 '56.
Peculiarities of the interaction between the first and second signal systems during the formation of a conditioned inhibition in neuroses in children. T. V. Strokina. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:230-262 '56.
Phenomenon of chronogenous disinhibition of a conditioned reaction. L. S. Bogachenko. Trudy inst. vys. nerv. deiat. Ser. patofiziol. 2:21-33 '56.
Production of differentiated inhibition from the horns of the uterus in dog. V. L. Bianki. Fiziol. zhur. 42 no. 10:907-912 O '56.

INJURIES see Traumatism; Wounds

INLAND WATER TRANSPORTATION
Evaluating the efficiency of mixed railroad and waterway transportation. N. N. Barkov. Trudy TSNII MPS no. 120:4-19 '56.

INOCULATION OF SOILS see Soil inoculation

INSCRIPTIONS
(see also subdivision under Tatar A.S.S.R.)
Report on the excavations at Jerabulus on behalf of the British Museum [in English]. Pt. 3. The excavations in the inner town; by Leonard Woolley. The Hittite inscriptions, by R. D. Barnett. Reviewed by V. Kraelkovskaia. Epig. Vost. no. 11:96-97 '56.

INSCRIPTIONS—BIBLIOGRAPHY see Bibliography—Inscriptions

INSCRIPTIONS, ARABIC
(see also subdivision under Pendzhikent)
Central Asiatic river pebbles left in tombs. M. E. Masson. Epig. Vost. no. 11:3-13 '56.
River pebble with a bilingual inscription dated 574/1178. V. D. Zhukov. Epig. Vost. no. 11:30-32 '56.

INSCRIPTIONS, CUNEIFORM see Cuneiform inscriptions

INSCRIPTIONS, PERSIAN
Inscription on a luster tile dated 624/1227 from the Kiev Museum. L. T. Gizdulian. Epig. Vost. no. 11:33-43 '56.

INSCRIPTIONS, SADAEAN
"On the trail of Sheba in Saudi Arabia" [in French] by G. Ryckmans. Reviewed by A. G. Lundin. Epig. Vost. no. 11:105-06 '56.

INSCRIPTIONS, TAJIK
River pebble with a bilingual inscription dated 574/1178. V. D. Zhukov. Epig. Vost. no. 11:30-32 '56.

INSCRIPTIONS, TURKISH (OLD) see subdivision under Fergana; Minusinsk District

INSCRIPTIONS, VANNIC see subdivision 'Cuneiform inscriptions, Vannic' under Karmir-Blur

INSECT GALLS see Galls (Botany)

INSECT TRAPS
Role of shadow-casting traps in controlling injurious insects on turf-Podzolic soils. A. F. Kipenvarlits, A. I. Khal'ko. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:269-281 '56.

INSECTICIDES
Effect of chemical treatment of plum trees. V. V. Voroshchagina, P. Kh. Kiskin. Sad. vin. Mold. 11 no. 5:59-60 S-O '56.
Efimov, A. L. [Manual on the use of poisons in combatting plant diseases and pests] Spravochnik po primeneniiu iadov dlia bor'by s vrediteliami i boleznami rastenii. Ed. G-e, peror. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 431 p. (DA)
Experiment in treating plants with insecticides to control blood-sucking flies and midges under natural conditions [with English summary in insert]. V. M. Saf'ianova and others. Zool. zhur. 35 no. 9:1335-1341 S '56.
Leaf roller (Recurvaria nanella Hb.) in the Armenian S. S. R. and its control. A. O. Arakelian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:93-102 O '56.

INSECTS
(see also subdivision under Lagodekhi State Preserve)
Aerodynamic principles of insect flight. IU. M. Zalesskii. Biofizika 1 no. 7:672-676 '56.
Geographical variability of cold hardiness in certain insects [with English summary in insert]. G. A. Pantiukhov. Zool. zhur. 35 no. 9:1312-1324 S '56.

INSECTS, INJURIOUS AND BENEFICIAL
Role of shadow-casting traps in controlling injurious insects on turf-Podzolic soils. A. F. Kipenvarlits, A. I. Khal'ko. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:269-281 '56.

INSPECTION OF FOOD see Food adulteration and inspection

INSTINCT
Observation of changes in certain instinctive reactions in birds under natural conditions. A. V. Popov. Trudy AN Tadzh. SSR 21:139-143 '54.

INSTRUMENTS, ASTRONOMICAL see Astronomical instruments

INSTRUMENTS, ELECTRIC see Electric apparatus and appliances; Electric instruments

INSTRUMENTS, ELECTRONIC see Electronic instruments

INSTRUMENTS, MAGNETIC see Magnetic instruments

INSTRUMENTS, MEASURING see Measuring instruments

INSTRUMENTS, MEDICAL see Medical instruments and apparatus

INSTRUMENTS, OPTICAL see Optical instruments

INSTRUMENTS, SCIENTIFIC see Scientific apparatus and instruments

INSTRUMENTS, SURGICAL see Surgical instruments and apparatus

INSULATING OILS
Production of stabilized transformer and turbine oils. D. A. Guseinov and others. Azerb. neft. khoz. 35 no. 7:28-31 Jl '56.

INSULATING OILS—DRYING
Drying insulating oil by means of dry air. R. L. Babkin. Elek. sta. 27 no. 10:18-21 O '56.

INSULATION (ELECTRIC) see Electric insulators and insulation

INSULATION (HEAT)—TESTING
Flame testing of heat insulation structures. L. F. IAnkelev. Elek. sta. 27 no. 10:51-54 O '56.

INSULIN
Effect of insulin on the permeability of the lens capsule. V. G. Alekseeva. Vest. oft. 69 no. 5:61-64 S-O '56.

INSURANCE, SOCIAL
Develop state insurance unremittingly. V. Baranov. Fin. SSSR 17 no. 11:62-66 N '56.
First pension. Sots. Uz. 15 no. 11:8 N '56.
Iolrysh, A. I. [Government pensions and grants in the U.S.S.R.] Gosudarstvennye pensii i posobiia v SSSR. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 61 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 16)
A pensioner's family. Sem'ia i shkola 11 no. 12:20 D '56.

INTEGRAL EQUATIONS
Application of the Monte Carlo methods for obtaining the lower characteristics number and the corresponding eigenfunction for a linear integral equation [with summary in English]. V. S. Vladimirov. Teor. veroiat. i ee prim. no. 1:113-130 '56.
Solvability of nonlinear singular integral and integro-differential equations by the method of successive approximation. B. I. Gekht. Nauch. trudy NPI 26: 436-454 '55.

INTEGRALS
Application of function space integrals to the evaluation of the statistical sum of quantum statistics [with summary in English]. A. M. IAglom. Teor. veroiat. i ee prim. no. 1:161-167 '56.

INTEGRALS, GENERALIZED
On a nonlinear functional in "Č." K. A. Bokhan. Uch. zap. Ped. inst. Gerts. 125:157-164 '56.

INTELLECTUALS, UZBEK—CONGRESSES see subdivision under Tashkent

INTERFEROMETER
Rayleigh-type mirror interferometer. I. S. Gorban', A. A. Shishlovskii. Opt. i spektr. 1 no. 6:811-812 O '56.

INTERFEROMETRY
Interferential microscope for measuring thin coatings and the phase shift. M. P. Lisitsa, N. G. TSvelykh. Zav. lab. 22 no. 9:1072-1075 '56.
Wave representations in the theory of interferometers. IU. V. Kolomiitsov. Opt. i spektr. 1 no. 7:937-950 N '56.

INTERIOR DECORATION see House decoration

INTERNAL COMBUSTION ENGINES see Gas and oil engines

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT
Policy of blackmail. Mezhdunar. zhizn' no. 11:121-122 N '56.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL EXCHANGE see Foreign exchange

INTERNATIONAL LABOR ORGANIZATION
The 30th conference of the International Labor Organization. E. Manevich. Sots. trud no. 9:32-43 S '56.

INTERNATIONAL LAW
Kozhevnikov, F. I. [Manual on international public law] Uchebnoe posobie po mezhdunarodnomu publichnomu pravu. Moskva, IUrid. izd-vo NKIu SSSR.
Pt. 3. [Organs of foreign relations] Organy vneshnikh snoshenii. 1946. 45 p.

INTERNATIONALISM
Ronin, S. L. [The principle of proletarian internationalism in Soviet socialist law] Printsip proletarskogo internatsionalizma v sovetskom sotsialisticheskom prave. Moskva, Izd-vo Akademii nauk SSSR, 1956. 270 p.

INTERPOLATION
Interpolation of functions analytic in a circle. G. D. Troshin. Mat. sbor. 39 no. 2:239-252 Je '56.

INTERSTELLAR MATTER
Determining the plane of symmetry for absorbing matter in the Galaxy using interstellar absorption observations. A. F. Torondzhadze, T. A. Kochlashvili. Biul. Abast. astrofiz. observ. no. 20:41-43 '56.
An indication of the interaction of stars and diffuse matter. T. A. Agekian and others. Astron. zhur. 33 no. 5:679-681 S-O '56.
Shock waves in interstellar space. S. A. Kaplan. Astron. zhur. 33 no. 5:643-653 S-O '56.

INTESTINES
Effect of sulfanilamides on the intestines. A. N. Toporina. Sbor. trud. Khar'. vet. inst. 22:202-207 '54.
Oxidation-reduction processes in the intestine in infants under various forms of nutrition. T. A. Baraboi. Vop. pit. 15 no. 6:16-22 N-D '56.

INTESTINES—ABNORMITIES AND DEFORMITIES
Congenital intestinal obstruction in the newborn. T. A. Rudakova. Vest. khir. 77 no. 10:96-99 O '56.

INTESTINES—BACTERIOLOGY
Research on effective methods for treating children with a chronic form of dysentery and unstable stools. M. Z. Leitman, L. I. Rogova. Vop. kraev. pat. no. 4:7-12 '54.

INTESTINES—DISEASES
Absorption disorders in the small intestine in radiation injuries of animals kept on different food rations. V. A. Shaternikov. Med. rad. 1 no. 4:61-67 Jl-Ag '56.
Congenital myxoglobulosis of the large intestine and of the appendix. E. K. Zhukova. Arkh. pat. 18 no. 5:77-81 '56.

INTESTINES—INNERVATION
Effect of the excitation of chemoreceptors of the small intestine on blood sugar content. A. I. Karaev, S. Mirataeva. Uch. zap. AGU no. 1:61-66 56.
Reflex action on the coronary circulation following ligation of branches of the coronary arteries [with summary in English]. G. N. Aronova. Fiziol. zhur. 42 no. 10: 898-906 O '56.

INTESTINES—OBSTRUCTION
Intestinal obstruction caused by acute diverticulitis. G. V. Chistovich. Vest. khir. 77 no. 10:100-103 O '56.

INTESTINES—SURGERY
Intestinal anastomosis in radiation sickness; experimental morphological study. A. V. TSagareishvili, I. I. Dorokhov. Vest. khir. 77 no. 10:88-92 O '56.
Minutes of sessions nos. 1165 and 1166 of the Pirogov Surgical Society. Vest. khir. 77 no. 10:143-147 O '56.

INULA see subdivision under Asia

INVERTEBRATES
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Estestvenno-nauchnyi institut. [The invertebrates; structure in relation to environment and their importance to man (teacher's manual)] Bespozvonochnye zhivotnye; stroenie v sviazi s usloviiami zhizni i znachenie ikh dlia cheloveka. Posobie dlia uchitelia. Pod red. L. K. Lozina-Lozinskogo. Moskva, 1955. 404 p.
Kremenotskii, N. G. [Practical field manual on the zoology of invertebrates; a textbook for students in natural history departments of pedagogical institutes] Uchebno-polevaia praktika po zoologii bespozvonochnykh; posobie dlia studentov fakul'tetov estestvoznaniia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 146 p.

IODINE
(see also subdivision under Apsheron Peninsula)
Vapor-thermal desorption of iodine from iodocarbon. A. Kh. Panakhzade. Uch. zap. AGU no. 1:31-40 '56.

IODINE—ISOTOPES
Therapeutic use of radioactive iodine in thyrotoxicosis. A. A. Garagash'ian. Med. rad. 1 no. 5:74-80 S-O '56.

ION EXCHANGE
Determining precious metals with ionites. A. B. Davankov, V. M. Laufer. Zav. lab. 22 no. 7:788-789 '56.
Separation of aluminum and zirconium by the method of ion exchange. IU. I. Usatenko, L. I. Gureeva. Zav. lab. 22 no. 7:781-783 '56.
Technical novelties. Zhil. kom. khoz. 6 no. 6:30 '56.
Use of ion exchange process for the extraction, separation and purification of rare metals. D. I. Riabchikov. Khim. nauka i prom. 1 no. 5:554-560 '56.

ION-HYDROGEN CONCENTRATION see Hydrogen-ion concentration

IONIZATION
The application of the Hammett equation to organic compounds of elements. The ionization constants of phosphorus acids. M. I. Kabachnik. Dokl. AN SSSR 110 no. 3:393-396 S '56.
Surface ionization of potassium chloride and cesium chloride molecules in an electric field. N. I. Ionov. Zhur. tekh. fiz. 26 no. 10:2200-2203 O '56.

IONIZATION CHAMBERS
On N. I. Shteinhok's paper, "Fundamental characteristics of ionization chambers." Reviewed by K. K. Aglintsev. Zhur. eksp. i teor. fiz. 30 no. 2:429 F '56.

IONIZATION OF GASES
Effect of multiple thermal ionization on the heat capacity of gases. IU. V. Gaek, B. L. Timan. Zhur. eksp. i teor. fiz. 31 no. 4:706-707 O '56.
Theory of the ionization manometer. L. P. Khavkin. Zhur. tekh. fiz. 26 no. 10:2356-2360 O '56.

IONOSPHERIC RADIO WAVE PROPAGATION
Approximate formula for horizon distance under conditions of superrefraction. V. A. Fok. Radiotekh. i elektron. 1 no.5:560-574 My '56.
New investigations of magnetic disturbances in the ionosphere. V. A. Baranul'ko. Elektrosviaz' 10 no. 12:38-41 D '56.
Orientation of the antenna of an ionospheric station. Z. TS. Rapoport. Zhur. eksp. i teor. fiz. 30 no. 2:407-408 F '56.
Propagation of radio waves near the horizon under conditions of superrefraction. V. A. Fok, L. A. Vainshtein, M. G. Belkina. Radiotekh. i elektron. 1 no. 5:575-592 My '56.
Radio signal irregularity in the Eastern hemisphere on February 23, 1956. KM. Kosikov. Elektrosviaz' 10 no. 12:32-26 D '56.

IONS
Crystalline structure of elements forming negative ions. T. G. Avanesian. Sbor. nauch. trud. ErPI no. 10:3-7 '56.
Distribution of reflected ions according to angles and energies. S. U. Umarov, G. M. Avak'iants, L. G. Gurvich. Trudy FTI AN Uz. SSR 6:34-42 '55.
Origin of ions in underground water of Central Kazakhstan igneous rocks. E. V. Pesokhov. Vest. AN Kazakh. SSR 12 no. 10:98-100 O '56.

IORA RIVER—FRESH-WATER BIOLOGY
Data on the study of benthos in the Iora River [in Georgian with summary in Russian]. R. F. Elanidze. Trudy Zool. inst. AN Gruz. SSR 14:277-288 '56.

IOSHKAR-OLA—BEE CULTURE—STUDY AND TEACHING
Improve the training of beekeepers. I. G. Protasov. Pchelovodstvo 33 no. 11:53-54 N '56.

IRAN—COMMERCE—RUSSIA
Russian-Iranian trade relations at the end of the 17th and beginning of the 18th centuries. N. G. Kukanova. Ist. zap. no. 57:232-254 '56.

IRAN—EMIGRATION AND IMMIGRATION
Concerning seasonal workers coming from northwestern Iran at the end of the 19th and the beginning of the 20th centuries. N. K. Belova. Vop. ist. no. 10:112-121 O '56.

IRAN—FEUDALISM
History of feudal agriculture in Georgia in the last quarter of the 16th century [in Georgian with summary in Russian]. V. N. Gabashvili. Trudy Inst. ist. AN Gruz. SSR 1:187-242 '56.

IRAN—FOREIGN RELATIONS—SPAIN
Diplomatic relations between Spain and the Safavid state during the second half of the 16th century. E. Shakhmaliev. Uch. zap. AGU no. 7:117-127 '55.

IRAN—HISTORY
The fight of workers of Iran against English interventionists and Turkish aggressors in 1918-1919 [in Azerbaijani with summary in Russian]. Sh. A. Tagieva. Trudy Inst. ist. i filos. AN Azerb. SSR 9:182-216 '56.

IRAQ—HISTORY
The social structure of Iraq in the third to fifth centuries. IU. A. Solodukho. Uch. zap. Inst. vost. 14:31-90 '56.

IRIDIUM—ISOTOPES
Luminescent spetrometer analysis of the gamma radiation of $Ir^{192}$. N. N. Deltagin, G. A. Kuznetsova, V. S. Shpinel'. Izv. AN SSSR. Ser. fiz. 20 no. 8:909-912 Ag '56.

IRIS—DISEASES
Essential atrophy of the iris and glaucoma. V. I. Vedeneeva. Vest. oft. 69 no. 5:86-87 S-O '56.

IRKUTSK—THEATER
A forgotten page; the first staging of A. N. Ostrovskii's comedy "Our kind will agree." T. Sterkin. Teatr 17 no. 11:118-119 N '56.
Irkutsk. Teatr 17 no. 11:124 N '56.

IRKUTSK PROVINCE—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy and lithology of lower Cambrian deposits of the Irkutsk amphitheater. IA. K. Pisarchik. Inform. sbor. VSEGEI no. 1:62-70 '55.

IRKUTSK PROVINCE—PETROLEUM—ANALYSIS
Composition and properties of Osinskiy petroleum of Irkutsk Province. A. I. Bogomolov, G. M. Vasil'eva. Trudy VNIGRI no. 95:405-410 '56.

IRON
Effect of the iron on the luminescence of zinc sulfide activated by silver, copper, and iron. A. I. Rusanova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 3:123-128 '55.
Geochemistry of iron. A. A. Saukov. Khim. v shkole. 11 no. 6:7-15 N-D '56.
Oral problems on the subject "Iron." P. S. Panin. Khim. v shkole 11 no. 6:37-40 N-D '56.
Photometric determination of aluminum and iron in alunite rocks. M. K. Akhmedli, E. A. Bashirov. Uch. zap. AGU no. 7:25-28 '55.

IRON—ANALYSIS
Determining small amounts of iron in zinc sulfide by luminescence method. E. M. Pesochinskaia. Zav. lab. 22 no. 7:789-791 '56.
Thermoelectric method of determining iron in bimetallic (copper-steel) ingots and in wire. P. D. Korzh. Zav. lab. 22 no. 9:1076-1078 '56.

IRON—METALLURGY
Brief news. Zav. lab. 22 no. 7:833 '56.
Cementation of iron from silicate slag with carbon dissolved in pig iron. L. N. Sheludiakov. Izv. AN Kazakh. SSR, Ser. khim. no. 10:58-62 '56.
"Industrial measurement of the temperature of liquid iron alloys." V. G. Gruzin. Reviewed by V. S. Kocho. Zav. lab. 22 no. 7:883-885 '56.

IRON—TESTING
Self-compensating coercive force meter with magnetic amplifier. L. A. Fridman, V. P. Ankudinova. Zav. lab. 22 no. 9:1108-1110 56.

IRON ALLOYS—ELECTROMETALLURGY
Edneral, F.P., and A.F.Filippov. [Calculations in the electrometallurgy of steel and ferrous alloys] Raschety po elektrometallurgii stali i ferrosplavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 188 p.

IRON-COBALT-TUNGSTEN ALLOYS
Effect of cobalt on the properties of cast high-speed steel. K. M. Stroeva. Nauch. trudy NPI 20:413-427 '55.

IRON HYDROXIDES
Iron oxides and iron hydroxides in pegmatites of Volhynia. E. M. TSyganov. Min. sbor. no. 5:179-186 '51.

IRON INDUSTRY
The third and fourth metallurgical bases of the U. S. S. R. G. A. Vvedenskii. Obz. vazhn. sob. SSSR 3 no. 99:13-24 N '56.

IRON-MANGANESE ALLOYS
Oxidation of manganese dissolved in liquid iron. B. V. Linchevskii, A. A. Samarin. Dokl. AN SSSR 110 no. 2:209-211 S '56.

IRON MINES AND MINING see subdivision under Krivoy Rog; Sokolovka

IRON-NICKEL-MOLYBDENUM ALLOYS see Molybdenum-iron-nickel alloys

IRON ORES
(see also subdivision under Krivoy Rog)
Complex reduction of polymetallic iron and nickel ores as basis for new methods of their chemical processing. G. G. Urazov, D. P. Bogatskii. Izv. AN SSSR. Otd. khim. nauk. no. 10:1159-1167 O '56.
Flotation of magnetite and hematite from tailings produced at Olenogorsk plant. F. N. Belash, M. A. Gamilov. Gor. zhur. no. 10:49-53 O '56.
Magnesia-ferric minerals from crystalline shales of the Bug complex. V. P. Kostiuk. Min. sbor. no. 5:211-218 '51.
Origin of the Krivoy Rog type of high-grade iron ore. M. N Dobrokhotov. Razved. i okh. nedr 20 no. 1:8-16 Ja-F '54.

IRON OXIDES
Iron oxides and iron hydroxides in pegmatites of Volhynia. E. M. TSyganov. Min. sbor. no. 5:179-186 '51.
Laboratory investigation of coke-oven dinas brick containing iron oxides (from "Brennstoff Chemie," 37 no. 9/10 '56). Koks i khim. no. 7:61 '56.

IRONING see Laundry

IRRIGATION
(see also subdivision under Amu Darya Valley; Ukraine; Uzbekistan)
Basin snow water irrigation is a means for increasing the productivity of natural forage lands. K. K. Kurmanov, K. R. Raibaev. Ovtsevodstvo no. 11:36-37 N '56.
Effectiveness of fertilizers on irrigated lands in southeastern provinces of the U. S. S. R. A. V. Peterburgskii and others. Izv. TSKhA no. 2:23-36 '56.
Flexible hoses instead of irrigation ditches. A. IAronis. Khlopkovodstvo 6 no. 11:61 N '56.
Metel'skii, Z. I. [Portable pumping stations and quickly assembled water pipes for irrigation] Peredvizhnye nasosnye stantsii i bystrosbornye truboprovody dlia oroshenila. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 61 p.
Role of saturation irrigation in increasing spring wheat yields. M. I. Kaplinskii. Sol'khoz. Povol. no. 10:36-39 O '56.
Some peculiarities of the movement of organic substances in plants and the influence of irrigation on this process [with English summary in insert]. N. I. IAkushina, S. M. Poroiskaia, T. G. Filatova. Fiziol. rast. 3 no. 5:423-430 S-O '56.
Terrace and snow-water basin irrigation. A. N. Kulakov. Sel'khoz. Povol. no. 10:31-35 O '56.
Ways of saving water in rice growing. E. B. Velichko. Izv. TSKhA no. 2:119-130 '56.

IRRIGATION CANALS AND FLUMES
Indices of channel bottom stability in irrigation systems. G. S. Chekulaev. Vop. gidr. no. 1:61-73 '55.

IRRIGATION FARMING
Improving plant nutrition with different forms of potassium fertilizers in irrigated fields. P. A. Vlasiuk, S. I. Dereviako, A. L. Pechura. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:109-120 '55.
Technical and economic advantage of movable equipment in furrow irrigation. A. Kosov. Khlopkovodstvo 8 no. 11:25-26 N '56.

IRRIGATION LAWS
Legal regulation of irrigation systems. S. Baianlov, A. Erenov. Vest. AN Kazakh. SSR 12 no. 10:37-47 O '56.

IRTYSH VALLEY—GEOLOGY, STRUCTURAL
New data on the geological structure of the Irtysh zone of warping in the Osinovka-Malo-Krasnoyarka sector. B. IA. Khoreva. Inform. sbor. VSEGEI no. 1:41-45 '55.

ISET' VALLEY—ANTIQUITIES
Ancient settlements on the Iset'; based on materials from a 1940 study of the middle region of the Iset' River. K. V. Sal'nikov. Sov. arkheol. 25:180-214 '56.

ISONICOTINIC ACID
Surgical treatment of osteoarticular tuberculosis associated with phthivazid and streptomycin therapy. N. M. IAnov. Ortop., travm. i protez. 17 no. 3:22-27 My-Je '56.

ISOTOPES
Conference on the use of isotopes in catalysis. M. M. Sakharov. Khim. nauka i prom. 1 no. 5:566-591 '56.

ISOTOPES—CONGRESSES
All-Union conference on the use of isotopes in catalysis. N. Keier. Izv. AN SSSR. Otd. khim. nauk no. 10:1279-1284 O '56.
Meeting on the use of isotopes in catalysis. V. S. Chesnokova. Zhur. fiz. khim. 30 no. 9:2120-2132 S '56.

ISTISU—MINERAL WATERS
Genesis of the Istisu mineral springs. A. G. Askerov. Uch. zap. AGU no. 5:35-40 '55.

ITALIAN ARMS AND ARMOR see Arms and armor, Italian

ITALY—AIRPLANES
"Air scooter." Kryl. rod. 7 no. 8:24 Ag '56.

ITALY—EDUCATION
School reform in Italy. K. V. Kobytianskii, G. A. Kosvin. Sov. pedag. 20 no. 12:91-102 D '56.

ITALY—GARDENING
Gardening in ancient Italy. M. E. Sergeenko. Uch. zap. Len. un. no. 193:126-137 '56.

ITALY—MOTION-PICTURE PLAYS
Italian films. Sov. Soiuz no. 12:24-25 D '56.

ITALY—POLITICAL PARTIES
New forms of cooperation. Mezhdunar. zhizn' no. 11:116-119 N '56.

ITALY—RELATIONS (GENERAL) WITH RUSSIA
Cordiality from all the people; Italian women on the Soviet Union. Sov. zhen. 12 no. 12:40 D '56.

ITALY—SOCIALIST PARTY
The unification of Italian socialist parties. Mezhdunar. zhizn' no. 10:124-126 O '56.

ITALY—VOYAGES AND TRAVELS, JUVENILE
Italy. V. Zakharchenko. Tekh. mol. 24 no. 11:16-17 N '56.

IUSTOVA, E. N.
Use of IUstova's tables in color sense research. A. B. Flekkel'. Biofizika 1 no. 6:708-712 '56.

IUZHIN-SUMBATOV, ALEKSANDR IVANOVICH, 1857-1927
Unknown material on A. I. IUzhin. T. Iashvili. Teatr 17 no. 11:119 N '56.

IVAN IV, the Terrible, Czar of Russia, 1530-1584
Against idealization of the activities of Ivan IV. S. M. Dubrovskii. Vop. ist. no. 8:121-129 Ag '56.

IVANOV, ALEKSANDR ANDREEVICH, 1806-1858
The free thinking of the painter Aleksandr Ivanov; on the 150th anniversary of his birth. V. M. Zummer. Vop. ist. rel. i ateiz. no. 4:159-181 '56.

IVANOV, MIKHAIL FEDOROVICH, 1871-1935
Academician Mikhail Fedorovich Ivanov. P. A. Esaulov. Ovtsevodstvo no. 10:41-44 O '56.

IVANOV, VASILII SEMENOVICH
Truck driver and regional expert. Sov.Soiuz no.12:32 D '56.

IVANOVO—GENERAL STRIKE, 1905
[The Ivanovo-Voznesensk general strike of 1905; a collection of documents and papers] Vseobshchaia stachka Ivanovo-Voznesenskikh rabochikh v 1905 godu; sbornik dokumentov i materialov. [Ivanovo] Ivanovskoe kn-vo, 1955. 258 p.

IVOLGINSK—ANTIQUITIES
The Ivolginsk site; Hunnish settlements in Transbaikalia. A.V. Davydova. Sov. arkheol. 25:261-300 '56.

IZHMA VALLEY—GEOLOGY, STRUCTURAL
Some new data on the tectonic structure of the upper Izhma region in the Komi A.S.S.R. P.K. Milaushkin. Trudy VNIGRI no.95:223-231 '56.

IZHMA VALLEY—PETROLEUM GEOLOGY
Gas and oil occurrence in the profile of terrigenous strata of Lovonian deposits in the upper Izhma Valley of the Komi A.S.S.R. P.F. Milaushkin. Trudy VNIGRI no.95:15-20 '56.

IZMAYLOVO—LANDSCAPE ARCHITECTURE
The 17th century parks in Izmaylovo. S.N. Palentreer. Soob. Inst. ist. isk. no.7:80-104 '56.

IZYUM REGION—CALCITE
Conditions of the formation of the calcitic band in Kimmeridgian deposits of the Izyum region. O.S. Vialov. Min. sbor. no.10:341-342 '56.

JACKALS see subdivision under Tajikistan

JAILS see subdivision 'Prisons' under Petrokrepost'

JAMAICA—MONGOOSES
Water hyacinth, the scourge of tropic regions. Znan. sila 31 no.11:33 N '56.

JAPAN—CAPITALISM
Genesis of capitalism in Japan [with English summary in insert]. A.L. Gal'perin. Sov. vostokoved. no.6: 48-61 '56.

JAPAN—ECONOMIC CONDITIONS
[Industry and banks of Japan; a collection of articles. Translated from the English and from the Japanese] Promyshlennost' i banki IAponii; sbornik materialov. Perevod s angliiskogo N.I.Agcova i N.I.Kuz'minskogo. Perevod s iaponskogo K.A.Popova. Vstup. stat'ia IA.A. Povzнera. Moskva, Izd-vo inostrannoi lit-ry, 1956. 405 p.

JAPAN—FOREIGN RELATIONS—RUSSIA
Normalization of Soviet-Japanese relations. Kommentator. Mezhdunar. zhizn' no.11:73-82 N '56.

JAPAN—HISTORY
"History of modern Japan" by Inoue Kiyoshi, Okonogi Shinzaburo, Suzuki Shoshi. Reviewed by Kh.T. Eidus [with English summary in insert]. Sov. vostokoved. no.6:140-155 '56.
"Outline history of the modern and recent history of Japan." Kh.T. Eidus. Reviewed by B.V. Rodov. Vop. ist. no.10:160-172 O '56.

JAPAN—HISTORY—STUDY AND TEACHING
Some features of the progressive trend in the contemporary science of history in Japan. A.L. Gal'perin. Vop. ist. no.10:213-222 O '56.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA
Japanese guests. Teatr. 17 no.10:166 O '56.

JAPAN—SOCIALISM
Origin and first stage of the labor and socialist movement in Japan. D.I. Gol'dberg. Vop. ist. no.8:33-43 Ag '56.

JAPANESE ENGRAVINGS see Engravings, Japanese

JAROSITE see subdivision under Carpathian Mountain region

JELLY
Apple jelly. B.D. Zhitkova. Sad i og. no.10:77 O '56.

JERABULUS, SYRIA—EXCAVATIONS (ARCHAEOLOGY)
Report on the excavations at Jerabulus on behalf of the British Museum [in English]. Pt.3: The excavations in the inner town, by Leonard Wooley; The Hittite inscriptions, by R.D. Barnett. Reviewed by V. Krachkovskaia. Epig. Vost. no.11:96-97 '56.

JESUS CHRIST
Voropaeva, K.L. [Did Christ exist?] Byl li Khristos? Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 51)

JET PLANES
The first "supersonic" parachutist. Znan. sila 31 no.11:34 N '56.

JET PROPULSION
Baev, L.K. [Jet engineering in our day] Reaktivnaia tekhnika nashikh dnei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenita RSFSR, 1956. 107 p. (Biblioteka shkol'nika)

JOINERY
Hydraulic gluing press for joinery. N. Kupin. Stroitel' 2 no.2:11 F '56.

JOINTS
Changes in the joints of rabbits following intra-articular administration of penicillin. A.I. Zernov. Ortop., travm. i protez. 17 no.1:33-34 Ja-F '56.

JOINTS—ABNORMITIES AND DEFORMITIES
Treatment of arthrogryposis. A.S. Sidorenko. Ortop., travm. i protez. 17 no.2:51-53 Mr-Ap '56.

JOINTS—DISEASES
Conferences of the Society of Patho-anatomists of Moscow and Moscow Province on the pathology of bones and joints in 1953. T.P. Vinogradova. Arkh. pat. 18 no.6:135-137 '56.
Mud therapy for diseases of the joints in Odessa Health resorts and in centers outside the resort, in combination with other methods: carbon dioxide baths, tissue therapy and intracutaneous novocaine injections. V.V. Guk. Vop. kur. fizioter. i lech. fiz. kul't. 21 no.4:109-111 O-D '56.

JOINTS—DISLOCATION
Two cases of congenital dislocation of the tibia and fibula. V.M. Khotimskaia. Ortop., travm. i protez. 17 no.2:50-51 Mr-Ap '56.

JOINTS—TUBERCULOSIS
Apparatus for fixation of bone fragments following resection of certain joints in tuberculosis. K.M. Sivash. Ortop., travm. i protez. 17 no.3:61-62 My-Je '56.
Deformation of an ankylosed knee joint after economic resection in tuberculous gonitis in children. V.S. Gelikonova. Ortop., travm. i protez. 17 no.4:29-33 Jl-Ag '56.
Expert medical determination of working capacity in osteoarticular tuberculosis. I.V. Gnilorybov and others. Ortop., travm. i protez. 17 no.3:36-41 My-Je '56.
History of the surgical treatment of osteoarticular tuberculosis in Russia. V.A. Zvantseva. Ortop., travm. i protez. 17 no.3:59-60 My-Je '56.
Modern technic and results of the joint resection and dynamic osteotomy in tuberculous coxitis. A. Grutsa. Ortop., travm. i protez. 17 no.4:18-23 Jl-Ag '56.
Morphological changes in joint tissues during the preарthritic phase and their significance in the development of tuberculous arthritis. D.K. Khokhlov. Ortop., travm. i protez. 17 no.3:7-11 My-Je '56.
Role of the nurse in caring for patients with tuberculosis of the bones and joints. V.I. Gorshkovich. Med. sestra. 15 no.11:10-11 N '56.
Significance of the duration of antibacterial therapy associated with other methods in osteoarticular tuberculosis. O.N. Morkovina. Ortop., travm. i protez. 17 no.3:41-45 My-Je '56.
Surgical treatment of osteoarticular tuberculosis associated with phthivazid and streptomycin therapy. N.M. IAnov. Ortop., travm. i protez. 17 no.3:22-27 My-Je '56.
Surgical treatment of tuberculosis of the ankle joint. A.K. Prikhod'ko. Ortop., travm. i protez. 17 no.4: 33-38 Jl-Ag '56.

JORDAN—POLITICS AND GOVERNMENT
Jordan's new parliament. Mezhdunar. zhizn' no.11: 120-127 N '56.

JOURNALISM
(see also subdivision under Nizhniy Tagil)
And you say "a needle"! B. Beknazar-IUzbashev. Sov. pech. no.11:23-25 N '56.
Brief news. Sov. pech. no.11:50 N '56.
Creativity of the masses and the press. Sov. pech. no.11:1-3 N '56.
The editors showed initiative. Sov. pech. no.11:17-20 N '56.
Newspaper genres. N. Loginov. Sov. pech. no.11:14-16 N '56.
What's new. Romain Markowicz. Vsem. stud. nov. no.9/10:36 S-O '56.

JOURNALISTS
In Austria today. P. Efimov. Sov. pech. no.11:49-51 N '56.
In the Central Home of the Journalist. Sov. pech. no.11: 56 N '56.

JOURNALISTS, GERMAN
Twenty-five thousand kilometers through the Soviet Union. Gustav Simon. Sov. pech. no.11:52-54 N '56.

JOURNALISTS, SWISS
Swiss journalists visit us. M. Semenov. Sov. pech. no.11:47-49 N '56.

JOUVENET, JEAN, 1644-1717
Jean Jouvenet and his paintings in the Hermitage collection. V.K. Gerts. Trudy Gos. erm. 1:199-208 '56.

JUDICIAL POWER
Law and the court. M.D. Shargorodskii. Uch. zap. Len. un. no.202:3-22 '56.

JUDICIARY see subdivision 'Courts' under China

JURISPRUDENCE, MEDICAL see Medical jurisprudence

JUVENILE LITERATURE see Children's literature

KABARDIA—EDUCATION
Public education in Kabardia. B. Balkarov. Nar. obr. no.11:27-35 N '56.

KABARDIA—RELATIONS (GENERAL) WITH GEORGIA
For a scientific revision of the history of Georgian-Kabardian relations. V. Krikunov. Trudy Inst. ist. AN Gruz. SSR 1:423-429 '55.

KABARDIA—SWINE BREEDING
Primalkinskii State Farm needs help. F. Kochubei. Sovkhoz. proizv. no.10:78 O '56.

KADIYEVKA—WORKINGMEN'S CLUBS
Opera performances in a miners' palace of culture. K. Salasin. Sots. kul't. 9 no.10:30 O '56.

KAINITE see subdivision under Carpathian Mountain region

KAKHOVKA HYDROELECTRIC POWER STATION
The Kakhovka Hydroelectric Power Station is ready; the Kremenchug will be built. Ukraina no.21:18-19 N '56.

KĀLIDĀSA
Kālidāsa. M. Korallov. Teatr 17 no.11:189-191 N '56.

KALININ, MIKHAIL IVANOVICH, 1875-1946
M.I. Kalinin's statements on public health problems. P.M. Zhmudskaia. Fel'd. i akush. 21 no.11:22-26 N '56.

KALININ PROVINCE—QUINCE
Maksatikha quince. M.V. Vlasov. Sad i og. no.10:76-77 O '56.

KALUGA—BOARDING SCHOOLS
Kaluga boarding school no.1; a photosketch. G. San'ko, I. Il'icheva. Vozhatyi 32 no.11:28-29 N '56.

KALUSSITE
Using kalussite for clover and sugar beet. P.A. Vlasiuk P.Z. Lisoval. Ud. i ur. 1 no.11:48-49 N '56.

KAMA HYDROELECTRIC POWER STATION
Hydraulic generators for the Kama Hydroelectric Power Station. K.F. Kostin. Vest. elektroprom. 27 no.11: 30-35 N '56.
Parameters of hydraulic generators of the Kama Hydroelectric Power Station. Z.B. Neiman. Vest. elektroprom. 27 no.11:35-37 N '56.

KAMA RIVER—WATER—POLLUTION
Fish disease in the Middle Kama. I.G. Shchupakov. Ryb. khoz. 32 no.11:35-36 N '56.
Pollution of the Kama River. V.V. Gromov. Ryb. khoz. 32 no.11:36-37 N '56.

KAMCHATKA—ROCKS, CRYSTALLINE AND METAMORPHIC
Age of metamorphic rocks of Kamchatka Peninsula. B.F. D'iakov, B.V. Timofeev. Trudy VNIGRI. no.95: 165-170 '56.

KAMCHATKA—SPRINGS
Hydrothermal phenomena at foci of recent volcanism in Kamchatka and the Kurile Islands. V.V. Ivanov. Trudy Lab. [illegible]

KAMCHAT[illegible]
Quaterin[illegible]
Vlasov

KARA-KALPAK—WOOD-DECAYING FUNGI

Little known polypores on Populus and Tamarix and their importance in the Kara-Kalpak A. S. S. R. IU. V. Sinadskii, M. A. Bondartseva. Bot. zhur. 41 no. 8:1177-1183 Ag '56.

KARA KUM—HYENAS

Catching hyenas in the southeastern part of Kara Kum. S. A. Sekunova, M. A. Meledzhaeva, B. A. Tishkin. Izv. AN Turk. SSR no. 5:82-85 '56.

KARA KUM CANAL REGION—LANDSCAPE GARDENING

Trees and shrubs for landscape gardening in the Kara Kum Canal zone. K. V. Bitnovskii. Izv. AN Turk. SSR no. 5:33-38 '56.

KARA SEA—NAVIGATION

Economic conditions of Siberia and the mastery of navigation over the Kara Sea to Siberia in the period of the development of capitalism in Russia. S. V. Slavin. Uch. zap. Len. un. no. 115:141-214 '50.

KARA-TAU—FORAMINIFERA, FOSSIL

Foraminifera and the stratigraphy of Carboniferous deposits of Kara-Tau. O. I. Bogush, O. V. IUferev. Biul. MOIP. Otd. geol. 31 no. 3:114-115 My-Je '56.

KARA-TAU—GEOLOGY, STRATIGRAPHIC

Foraminifera and the stratigraphy of Carboniferous deposits of Kara-Tau. O. I. Bogush, O. V. IUferev. Biul. MOIP. Otd. geol. 31 no. 3:114-115 My-Je '56.

KARA-TAU (MANGYSHLAK PENINSULA)—GEOLOGY, STRATIGRAPHIC

Historical survey of age determination of Kara-Tau strata on Mangyshlak. T. V. Astakhova. Vest. Len. un. 11 no. 18:65-72 '56.

New data on the geology of Kara-Tau on Mangyshlak. B. A. Korzhenevskii. Vest. Len. un. 11 no. 18:73-78 '56.

KARABELESH, A. V., 1906-

Power of resistance ("On the threshold of death; notes from fascist concentration camps." A. Karabelesh. Reviewed by Ivan Vyshneva'kyi). Zhovten' 6 no. 11: 117-120 N '56.

KARAGANDA BASIN—BITUMEN

Origin of petroleum type bitumen in coal-bearing deposits of Karaganda. N. I. Bogorditskaia. Trudy VNIGRI no. 95:317-321 '56.

KARAGANDA BASIN—COAL MINES AND MINING

At a leading pit. A. Zlobinskaia. Part. zhizn' no. 19: 47-50 O '56.

Problems in reducing losses in coal production in the Karaganda Basin. V. S. Fadeev. Razved. i okh. nedr 20 no. 1:47-55 Ja-F '54.

Problems in the further technical development of "Karagandaugol'" mines in the sixth five-year plan. M. I. Shnaidman. Vest. AN Kazakh. SSR 12 no. 8:3-14 Ag '56.

Third ranking coal basin. Mast. ugl. 5 no. 10:27 O '56.

Timofei Lygin's mining brigade. D. Markman. Mast. ugl. 5 no. 10:11-13 O '56.

KARAGANDA BASIN—LAMELLIBRANCHIATA, FOSSIL

Miroshnichenko, B. E. [Carboniferous lamellibranchia molluska of the Karaganda Basin] Kamennougol'nye plastinchatozhabernye molliuski Karagandinskogo basseina. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1953. 77 p.

KARAGANDA BASIN—MINE TIMBERING

Mechanized delivery of lumber to the mine. G. Zhinkin. Mast. ugl. 5 no. 10:21 O '56.

KARAGANDA BASIN—PALEOBOTANY

Radchenko, M. I. [Flora of Dolina and Tentek formations in the Karaganda Basin] Flora dolinskoi i tentekskoi svit Karagandinskogo basseina. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 40 p., 27 plates

KARAKUL SHEEP

(see also subdivision under Turkmenistan)

Quantitative variations in bone structure of Karakul sheep. V. I. Glushchenko. Izv. AN Turk. SSR no. 4:60-68 '56.

KARASUYSKIY DISTRICT - NAMATODA

Morphology of the ruminant lung nematode Muellerius capillaris (Mueller, 1889). S. N. Boev, N. K. Andreeva. Trudy Inst. zool. AN Kazakh. SSR 3:113-117 '55.

KARELIA—ECONOMIC GEOGRAPHY

Akademiia nauk SSSR, Karel'skii filial. Petrozavodsk. [The Karelian A.S.S.R.] Karel'skaia ASSR. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 332 p.

KARELIA—EDUCATION

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 11:73-75 N '56.

KARELIA—LUMBER—TRANSPORTATION

For basic improvement of lumber floating in Karelia. V. A. Azarenko, IU. N. Umnov. Les. prom 34 no. 11: 23-25 N '56.

KARELIA—LUMBERING

Disseminating advanced practices in Karelia. T. Turovskii. Les. prom 34 no. 11:8 N '56.

Problems of developing sawmilling in Karelia. G. P. Bashmakov. Les. prom 34 no. 11:26-28 N '56.

Workers of the Karelian lumbering industry are striving for the fulfillment of the first year's tasks of the sixth five-year plan. N. P. Vtorushin. Les. prom 34 no. 11: 1-3 N '56.

KARELIA—LUMBERING—MACHINERY

Using new machinery at enterprises of the Southern Karelian Lumbering Trust. M. A. Kolodko. Les. prom 34 no. 11:4-6 N '56.

KARELIAN ISTHMUS—LAKES

Hydrochemical characteristics of some lakes of the Karelian Isthmus and the micro-organisms in them participating in the nitrogen-phosphorus cycle. T. V. Zharova, A. A. Platonova. Vest. Len. un. 11 no. 18: 120-129 '56.

KARELIAN ISTHMUS—PASTURES AND MEADOWS

Some preliminary conclusions on meadows of the Karelian Isthmus. G. I. Kozlova. Vest. Len. un. 11 no. 18:105-110 '56.

KARLOVY VARY—MOTION-PICTURE FESTIVALS

Contest with a noble motto. I. Rachuk. Isk. kino no. 10:96-100 O '56.

KARMIR-BLUR—CUNEIFORM INSCRIPTIONS, VANNIC

Urartaean cuneiform inscriptions from the 1954 excavations at Karmir-Blur. B. B. Piotrovskii. Epig. Vost. no. 11:80-82 '56.

KARMIR-BLUR—EXCAVATIONS (ARCHAEOLOGY)

Piotrovskii, B. B. [Karmir-Blur II; results of the work of the archaeological expedition of the Institute of History of the Academy of Sciences of Armenia and of the Hermitage during 1949 and 1950] Karmir-blur II; rezul'taty rabot arkheologicheskoi ekspeditsii Instituta istorii Akademii nauk Armianskoi SSR i Gosudarstvennogo ermitazha 1949-1950 gg. Erevan, Izd-vo, Akademii nauk Armianskoi SSR, 1952. 87 p., illus. (Arkheologicheskie raskopki v Armenii, no. 2)

KARPOV, MIKHAIL MIKHAILOVICH, d. 1956

Mikhail Mikhailovich Karpov. A. V. Vinter and others. Elek. sta. 27 no. 10:62 O '56.

KARST

(see also subdivision under Moscow Basin; Tugchay Valley)

Conference on karst. N. V. Rodionov. Razved. i okh. nedr 22 no. 10:54-57 O '56.

The probable origin of calcite film on water surfaces in karst formations. L. S. Kuznetsova, P. N. Chirvinskii. Min. sbor. no. 5:319-324 '51.

KARTLIA—FAMILY

Some features of the family community in Kartlia. I. V. Chkonitia. Trudy Inst. ist. AN Gruz. SSR 1:395-407 '55.

KARYOKINESIS

Study of mitotic activity in certain mammals and birds subjected to pain stimuli and adrenalin administration at different stages of their individual development. L. V. Suvorova. Dokl. AN SSSR 110 no. 2:293-296 S '56.

KASHKA-DARYA PROVINCE—FRUIT CULTURE

In orchards of Akkobag. M. Bekmukhamedov. Sots. Uz. 15 no. 10:11 O '56.

KAYBELY—BULGARIANS

Skeletons of the ancient Bulgarians from the excavations in the village of Kaybely. M. M. Gerasimova. Trudy Inst. etn. 33:146-165 '56.

KAZAKH DISTRICT—REVOLUTION, 1917-1921

The fight for Soviet rule in Kazakh County. A. A. Mainedov. Trudy Inst. ist. i filos. AN Azerb. SSR 9:93-113 '56.

KAZAKH LITERATURE—HISTORY AND CRITICISM

Nurushev, A. N. [I. A. Krylov's legacy in Kazakh literature of the 19th century] Tvorcheskoe nasledie I. A. Krylova v kazakhskoi literature XIX veka. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1951. 102 p.

KAZAKHSTAN—AGRICULTURE

One has to reckon with facts. Semen Uzhtien. Sov. Kazakh. 22 no. 4:96-99 Ap '56.

KAZAKHSTAN—AGRICULTURE—BIBLIOGRAPHY see Bibliography—Kazakhstan—Agriculture

KAZAKHSTAN—ALLUVIUM

Ancient alluvial deposits of central Kazakhstan. G. B. Zhilinskii. Razved. i okh. nedr 22 no. 10:1-10 O '56.

KAZAKHSTAN—BOTANY

Theoretical foundations of "The flora of Kazakhstan" ("The flora of Kazakhstan." Reviewed by N. I. Suvorov). Vest. AN Kazakh. SSR 12 no. 10:104-107 O '56.

KAZAKHSTAN—CESTODA

Comparative rates of cestode infection of dogs of different service designations. V. I. Bondareva. Trudy Inst. zool. AN Kazakh. SSR 3:105-112 '55.

Role of domestic and wild carnivores in the epidemiology and epizootology of larval cestodiasis. Report no. 2: Cestodes of wolves. V. I. Bondareva. Trudy Inst. zool. AN Kazakh. SSR 3:101-104 '55.

KAZAKHSTAN—COAL

Burning some Kazakh coals in a cyclone furnace. A. V. Tonkonogii, I. P. Rasina. Izv. AN Kazakh. SSR. Ser. energ. no. 10:103-113 '56.

KAZAKHSTAN—COAL MINES AND MINING—SAFETY MEASURES

The Kazakhstan land. Ukraina no. 21:14 N '56.

KAZAKHSTAN—COCCIDIOSIS

Coccidia of camels in western Kazakhstan. A. A. TSygankov. Trudy Inst. zool. AN Kazakh. SSR 5:192 '56.

KAZAKHSTAN—CONSTRUCTION INDUSTRY

Don't avoid personal responsibility. R. Zakirov. Part. zhizn' no. 19:55-57 O '56.

KAZAKHSTAN—CULTURE

Brief news on literature and art. Sov. Kazakh. 22 no. 4: 125-127 Ap '56.

KAZAKHSTAN—DANCING—FOLK AND NATIONAL DANCES

"Kazakh dances" by Shara. Reviewed by L. Varshavskii. Sov. Kazakh. 22 no. 4:120-121 Ap '56.

KAZAKHSTAN—DRAMATIC CRITICISM

Reading theatrical reviews. K. Nurmakhanov. Sov. Kazakh. 22 no. 4:118-120 Ap '56.

KAZAKHSTAN—ETHNOLOGY

Ancient population of the eastern and central regions of the Kazakh S. S. R. according to anthropological data. V. V. Ginzburg. Trudy Inst. etn. 33:238-298 '56.

KAZAKHSTAN—GRAIN

Grain of Kazakhstan. V. I. Popov. Sovkhoz. proizv. no. 10:6-11 O '56.

KAZAKHSTAN—HISTORY

Historical significance of the union of Kazakhstan with Russia. T. Shoinbaev. Vest. AN Kazakh. SSR 12 no. 10: 3-15 O '56.

KAZAKHSTAN—HUNTING

In the wide open spaces of Siberia and Kazakhstan. Okh. i okh. khoz. no. 11:30 N '56.

KAZAKHSTAN—INDUSTRIALIZATION

Industry marches to the East. Georgii Mariagin. Nash. sovr. 4:178-194 '56.

KAZAKHSTAN—INDUSTRY

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut ekonomiki. [Industry and transportation facilities of Western Kazakhstan] Promyshlennost' i transport Zapadnogo Kazakhstana. Alma-Ata, 1955. 182 p.

KAZAKHSTAN—LEAD ORES

Formation of sedimentary and metamorphic lead deposits in central Kazakhstan. A. A. Kudenko. Razved. i okh. nedr. 21 no. 1:14-18 Ja-F '56.

KAZAKHSTAN—LOESS

Lomonovich, M. I. [Loess in Kazakhstan and its importance in the national economy] Less v Kazakhstane i ego znachenie v narodnom khoziaistvo. S predisl. V. A. Obrucheva. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1955. 76 p.

KAZAKHSTAN—MINERS

"Revolutionary movement of miners in Kazakhstan at the beginning of the 20th century (1900-1917)" by E. Dil'mukhamedov. Reviewed by N. P. Kalistratov. Vop. ist. no. 9:189-190 Ag '56.

KAZAKHSTAN—MITES

Mites of the family Gamasidae in southeastern Kazakhstan. V. V. Bibikova. Trudy Inst. zool. AN Kazakh. SSR 6: 152-160 '56.

KAZAKHSTAN—NEMATODA

Supplements to the description of certain helminths of swine. IA. N. Zakhrialov. Trudy Inst. zool. AN Kazakh. SSR 6:112-119 '56.

KAZAKHSTAN—ORE DEPOSITS

Regularities of the occurrence of ore regions in the Altai Mountains and eastern Kazakhstan. D. I. Gorzhevskii. Biul. MOIP. Otd. geol. 31 no. 4:102 Jl-Ag '56.

KAZAKHSTAN—PARASITES—FISHES

Parasites of fishes in the waters of western Kazakhstan. A. I. Agapova. Trudy Inst. zool. AN Kazakh. SSR 6: 5-60 '56.

KAZAKHSTAN—PASTURES AND MEADOWS

Basin snow-water irrigation is a means for increasing the productivity of natural forage lands. K. K. Kurmanov, K. R. Raibaev. Ovtsevodstvo no. 11:36-37 N '56.

KAZAKHSTAN—PASTURES AND MEADOWS (Continued)
Kargopolov, E.A. [The poisoning of sheep on spring pastures in southern Kazakhstan] Otravlenie ovets na vesennikh pastbishchakh luga Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1950. 54 p. (DA)

KAZAKHSTAN—PHOSPHATES
Preparation of thermophosphates from Kara-Tau phosphorites and from antrakanite. A. B. Bekturov, IU. K. Uvaliev. Izv. AN Kazakh. SSR. Ser. khim. no. 10:3-9 '56.

KAZAKHSTAN—POACHING
Protecting poachers. V. Pashkov. Okh. i okh. khoz. no. 11:18 N '56.

KAZAKHSTAN—POLYZOA, FOSSIL
Bryozoa in Ordovician deposits of Kazakhstan. V. P. Nekhoroshev. Inform. sbor. VSEGEI no. 1:115 '55.

KAZAKHSTAN—PROTOZOA, PATHOGENIC—BIBLIOGRAPHY see Bibliography—Kazakhstan—Protozoa, Pathogenic

KAZAKHSTAN—PUBLIC HEALTH—HISTORY
Main stages in the development of the public health service in Kazakhstan before the Revolution. R. I. Samarin. Zdrav. Kazakh. 16 no. 10:42-45 '56.

KAZAKHSTAN—SERPENTS
Materials on the venomousness of desert vipers. V. G. Kovalenko. Trudy Inst. zool. AN Kazakh. SSR 3:104-180 '55.

KAZAKHSTAN—SHEEP
Bal'mont, V. A. [Kazakh fine-fleeced sheep; methods of breedings and characteristics of breeds] Kazakhskie tonkorunnye ovtsy; metodika vyvedeniia i kharakteristika porody. Alma-Ata, Kazakhskoe ob"edinennoe gos. izd-vo, 1948. 134 p. (DA)

KAZAKHSTAN—SHEEP—DISEASES AND PESTS
Ecological premises for understanding the epizootology of tick-borne sheep paralysis. V. N. Kusov. Trudy Inst. zool. AN Kazakh. SSR 3:27-43 '55.

KAZAKHSTAN—SOCIAL LIFE AND CUSTOMS
The material culture of the Kazakh collective farmers of southeastern Kazakhstan; based on materials from Alma-Ata and Dzhambul Provinces. I. V. Zakharova. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 3:105-180 '56.
Social and family life of the Kazakh collective farmers; based on materials from Alma-Ata and Dzhambul Provinces. N. S. Subitov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 3:190-230 '56.

KAZAKHSTAN—SOIL INOCULATION
Effectiveness of bacterial fertilizers on new and old lands of Kazakhstan. A. T. Ponomareva. Ud. i ur. 1 no. 11: 59-61 N '56.

KAZAKHSTAN—SOILS
Gromyko, I.D. [Problems in reclaiming new and fallow lands in the northern provinces of Kazakhstan] Voprosy osvoeniia tselinnykh i zalezhnykh zemel' v severnykh oblastiakh Kazakhstana. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 71 p. (DA)

KAZAKHSTAN—THEATER
L'vov, N. I. [Kazakh Academy Theater of Drama; a brief sketch] Kazakhskii akademicheskii teatr dramy; kratkii ocherk. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1954. 78 p.

KAZAKHSTAN—TICKS AS CARRIERS OF DISEASES
Reservoirs of brucellosis in wild nature in the light of the teaching on the natural foc[illegible] diseases. I. G. Galuzo, M. M. Rementsova. Trudy I[illegible] zool. AN Kazakh. SSR 3:12-26 '55.

KAZAKHSTAN—TRANSPORTATION
Akademiia nauk Kazakhskoi SSR, Alma-Ata, Institut ekonomiki. [Industry and transportation facilities of Western Kazakhstan] Promyshlennost' i transport Zapadnogo Kazakhstana. Alma-Ata, 1955. 182 p.

KAZAKHSTAN—WATER—LAWS AND LEGISLATION
Eranov, Abduali, and Sagyndyk Balsalov. [Law governing the use of water for agricultural purposes in Kazakhstan] Pravo sel'skokhoziaistvennogo vodopol'zovaniia v Kazakhskoi SSR. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 170 p.

KAZAKHSTAN—WATER, UNDERGROUND
Origin of ions in underground water of Central Kazakhstan igneous rocks. E. V. Posokhov. Vest. AN Kazakh. SSR 12 no. 10:98-100 O '56.

KAZAKHSTAN—WATER SUPPLY, RURAL
Mechanization of water supply in the pastures of Kazakhstan. R. M. Kaplan. Ovtsevodstvo no. 10:34-37 O '55.
Water supply in the pastures of Kazakhstan in the sixth five-year plan. M. I. Kostiukov. Ovtsevodstvo no. 10: 31-34 O '56.

KAZAKHSTAN—WOMEN, UIGUR
The social position and family life of Uigur women in Kazakhstan. R. D. Khodzhaeva. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 3:231-284 '56.

KAZAKHSTAN—WORMS, INTESTINAL AND PARASITIC
Analysis of helminths parasitic on wild ruminants in Kazakhstan. I. B. Sokolova. Trudy Inst. zool. AN Kazakh. SSR 3:73-100 '55.
Helminths of rodents of western Kazakhstan. V. IA. Panin. Trudy Inst. zool. AN Kazakh. SSR 5:84-97 '56.
Helminths of the black grouse (Lyrurus tetrix L.) of Kazakhstan. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 3:67-72 '55.
Helminths of the pikas (Ochotona sp. sp.) of Kazakhstan. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 5: 99-104 '56.
Helminths of the reptiles of Kazakhstan. G. S. Markov, K. P. Paraskiv. Trudy Inst. zool. AN Kazakh. SSR 5: 120-126 '56.
Worms parasitic on the stone partridge (Alectoris graeca Meisner, 1804) in southeastern Kazakhstan. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 5:61-76 '56.

KAZAKHSTAN—WORMS, INTESTINAL AND PARASITIC—BIBLIOGRAPHY see Bibliography—Kazakhstan—Worms, Intestinal and parasitic

KAZAKHSTAN—ZOOLOGICAL RESEARCH
Zoological research in the service of agriculture. Trudy Inst. zool. AN Kazakh. SSR 3:9-11 '55.

KAZAN—ASTRONOMY—HISTORY
Beginning of astronomy in Kazan. S. N. Korytnikov. Ist.-astron. issl. no. 1:189-206 '55.

KAZAN—HISTORY—BIBLIOGRAPHY see Bibliography—Kazan—History

KAZAN—MOTION-PICTURE FESTIVALS
Communist Youth League motion-picture festival in Kazan. Isk. kino no. 10:121 O '56.

KELLERMESSKAYA—DRINKING VESSELS
Rhyton from Kelermes. M. I. Maksimova. Sov. arkheol. 25:215-235 '56.

KEMAL, ORHAN
Orhan Kemal's stories ("Strike" [in Turkish] by Orhan Kemal. Reviewed by R. Fish). Inostr. lit. no. 11:263-264 N '56.

KEPLER, JOHANNES, 1571-1630
Influence of Kepler's views on the development of an understanding of the laws of nature. György Nádor. Ist.-astron. issl. no. 1:119-132 '55.

KERATOCONJUNCTIVITIS SICCA
Keratoconjunctivitis sicca in hypofunction of lacrimal glands. E. IU. Daktaravichene. Vest. oft. 60 no. 5:73-75 S-O '56.

KERCH PENINSULA—MINE SANITATION
Improving industrial sanitation and hygiene conditions at the Kamysh-Burun mines. G. L. Khazan and others. Gor. zhur. no. 10:57-58 O '56.

KEROSENE
Gas welding using kerosene. Stroitel' 2 no. 8:32 Ag '56.

KETONES
Condensation of β-chlorovinyl ketones with benzene and its homologs. A. N. Nesmeianov, M. I. Rybinskaia, N. K. Kochetkov. Izv. AN SSSR. Otd. khim. nauk no. 10: 1197-1201 O '56.
Synthesis of alicyclic 1, 5-diketones from mono- and diary-lidencycloanones. M. N. Tilichenko, V. G. Kharchenko. Dokl. AN SSSR 110 no. 2:226-229 S '56.

KETONES—SPECTRA
Absorption and Raman spectra of Michler's ketone and p-aminobenzaldehyde [with English summary in insert]. A. I. Finkel'shtein. Zhur. fiz. khim. 30 no. 9:2061-2065 S '56.

KETTLES
The KRM-2 electric kettles. A. Slavin. Stroitel' 2 no. 3:17-18 Mr '56.

KEUNINCK, KERSTIAN de, 1560?-1652?
Kerstian de Keuninck and Dutch landscapes from the end of the 16th century. E. IU. Feukhner. Trudy Gos. erm. 1:104-118 '56.

KHABAROVSK—RAILROAD ENGINEERING
The tie between science and practice. V. I. Dmitrenko. Da!'. Vost. 24 no. 5:171-174 S-O '56.

KHACHATURIAN, ARAM, 1903-
National sources in A. Khachaturian's works. E. Karagiulian. Soob. Inst. ist. isk. no. 9:66-72 '56.

KHAKASS AUTONOMOUS PROVINCE—COLLECTIVE FARMS
High privilege. Vladimir Krivenchenko. Krest'ianka 35 no. 12:4-6 D '56.

KHAKASS POETRY—TRANSLATIONS INTO RUSSIAN
Oislender, Aleksandr, ed. [Poetry of Khakassia. Translated from the Khakass] Poeziia Khakasii. [Perevod s khakasskogo]. Moskva, Goslitizdat, 1955. 175 p. (MH)

KHANAEV, NIKANDR SERGEEVICH
Moscow. Gosudarstvennyi akademicheskii Bol'shoi teatr. Nikandr Sergeevich Khanaev. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

KHARKOV—ARCHITECTURE
Kas'ianov, O.M. [Kharkov; a historical architectural sketch] Kharkiv; istoryko-arkhitekturnyi narys. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1956. 22 p., illus.

KHARKOV—BLOOD DONORS
Average hematological indexes of donors in the city of Kharkov as related to the time of the year. D. IU. Shklovskaia, N. I. Chernenko. Vop. perel. krovi. 4:249-255 '55.

KHARKOV—EXHIBITIONS
On display and in real life. P. Synytsyn. Ukraina no. 22: 14-15 N '56.

KHARKOV—MINERALOGICAL MUSEUMS
History of the Mineralogical Museum of Kharkov University. L. I. Kartiukin. Min. sbor. no. 10:363-368 '56.

KHARKOV—ORTHOPEDIA
The Ukrainian M. I. Sitenko Scientific Research Institute of Orthopedics and Traumatology and its cooperation with public health agencies in treating invalids of the Second World War. A. P. Skoblin. Ortop., travm. i protez. no. 5:72-74 S-O '55.

KHARKOV—THEATER
Creative report of actors of the Shevchenko Theater. I. Piskun. Mystetstvo no. 5:21-25 S-O '56.
Kharkov. Teatr. 17 no. 10:136-137 O '56.
"Secret" of successes of Kherson actors. P. Terniuk. Mystetstvo no. 5:26-27 S-O '56.

KHARKOV—VETERINARY COLLEGES
Celebration of the 100th anniversary of Kharkov Veterinary Institute. Sbor. trud. Khar'. vet. inst. 22:6-11 '54.
Development of higher veterinary education in Russia and the role of Kharkov Veterinary Institute. V. M. Koropov. Sbor. trud. Khar'. vet. inst. 22:12-18 '54.
Foreword. Sbor. trud. Khar'. vet. inst. 22:3-5 '54.
One hundredth anniversary of Kharkov Veterinary Institute. A. F. Nosik. Sbor. trud. Khar'. vet. inst. 21:3-26 '52.
The role of Kharkov Veterinary Institute in the development of clinical veterinary medicine. I. I. Magda. Sbor. trud. Khar'. vet. inst. 22:39-49 '54.
The role of Kharkov Veterinary Institute in the development of microbiology in Russia. IA. E. Koliakov. Sbor. trud. Khar'. vet. inst. 22:29-38 '54.

KHARKOV PROVINCE—COLLECTIVE FARMS
Consolidating small agricultural artels and the economic results thereby obtained; based on material from collective farms in Kharkov Province. IU. I. Terekhov. Uch. zap. KHGU 63:125-141 '55.
Reconstruction and development of collective farms of Kharkov Province in the fourth five-year plan (1946-1950). P. A. Bylkov. Uch. zap. KHGU 63:105-123 '55.

KHARKOV PROVINCE—MACHINE-TRACTOR STATIONS
Ways to reduce the cost of work of machine-tractor stations; based on material from machine-tractor stations in Kharkov Province. G. A. Oraevskaia. Uch. zap. KHGU 63:143-158 '55.

KHERSON PROVINCE—NATURAL HISTORY MUSEUMS
Thoroughly study the economy of the region. I. Kornilenko. Sots. kul't. 9 no. 10:22-23 O '56.

KHIZINSKIY DISTRICT—LANDSLIDES
Landslides of Khizinskiy District [in Azerbaijani with summary in Russian]. N. K. Keremov. Uch. zap. AGU no. 7:45-58 '55.

KHODIN, ANDREI VASIL'EVICH, 1847-1905
Professor Andrey Vasil'evich Khondin; 30th anniversary of Soviet periodical literature on ophthalmology. M. A. Shagov. Vest. oft. 69 no. 5:79-82 S-O '56.

KHURASAN—HISTORY
The anti-Mongolian movement of the "Serbedary" in Khurasan. I. P. Petrushevskii. Uch. zap. Inst. vost. 14:91-162 '56.

KHVALYNSK DISTRICT—CORN (MAIZE)
Correspondence of friends. A. Elagina. Krest'ianka 35 no. 12:9-10 D '56.

KIDNEYS
Comparative study of the concentrating ability of the kidneys in some domestic animals. A. I. Malinin, V. I. Teriyshnik. Sbor. trud. Khar'. vet. inst. 21:164-171 '56.
Dynamics of changes in the kidney following dissection; experimental investigations. A. I. Klapteova. Urologiia no. 4:37-41 O-D '55.

KIDNEYS (Continued)

Embryonal growth and transition into the postembryonal state of the excretory organs in ducks. G.S. Krok. Sbor. trud. Khar'. vet. inst. 21:43-59 '56.

KIDNEYS—BLOOD SUPPLY

Present state of renal angiography; review of foreign literature. N. A. Lopatkin. Urologiia 21 no. 1:72-79 Ja-Mr '56.

Sensory innervation of the renal veins in man. I. D. Lev. Urologiia no. 4:41-47 O-D '55.

KIDNEYS—CANCER

Case of metastasis of hypernephroid cancer into the bladder. A. B. Baron. Urologiia no. 4:64-65 O-D '55.

Combined calculi and cancer of the kidney. M. D. Dzhavad-Zade, V. D. Arutiunov. Urologiia 21 no. 1:69-71 Ja-Mr '56.

KIDNEYS—DISEASES

Case of hydronephrosis with calcification of the renal walls. V. E. Kuz'mina. Urologiia no. 4:66-67 O-D '55.

Changes in the secretory function of the kidneys in acute radiation sickness; experimental research (a preliminary report). IU. M. Lubenskii. Urologiia 21 no. 3:33-38 Jl-S '56.

Functional state of the kidneys in experimental nephritis in dogs. A. I. Malinin, E. D. Kharchenko, V. I. Tertyshnik. Sbor. trud. Khar'. vet. inst. 22:171-177 '54.

Pathogenesis of so-called essential renal hemorrhages. A. IA. Pytel'. Urologiia 21 no. 2:28-38 Ap-Je '56.

Problem of the restoration of renal function following prolonged hydronephrosis. F. Z. Meerson. Arkh. pat. 18 no. 6:109-111 '56.

Spontaneous rupture of the renal pelvis with expulsion of calculi into the perirenal tissue; secondary renal atrophy. A. I. IAkimidi. Urologiia no. 4:50 O-D '55.

KIDNEYS—HYDATIDS

Surgical method in renal echinococcosis. A. V. Golubchanskaia. Urologiia no. 4:53 O-D '55.

KIDNEYS—INNERVATION

Dynamics of the innervation of the kidneys in embryos and chicks in relation to incubation conditions. G.S. Krok. Sbor. trud. Khar'. vet. inst. 22:99-112 '54.

Intramural innervations of the renal pelvis and the renal calyces. IU. A. Pytel'. Urologiia 21 no. 3:39-47 Jl-S '56.

KIDNEYS—SURGERY

A case of renal resection for calculous hydrocalicosis; technic of renal resection. B. S. Gekhman. Urologiia 21 no. 1:83-85 Ja-Mr '56.

Case of renocolic intestinal fistula. R. K. Krikent. Urologiia 21 no. 3:58-59 Jl-S '56.

KIDNEYS—TUBERCULOSES

Nephrostomy in tuberculosis of a solitary functioning kidney. IU. A. Pytel'. Urologiia 21 no. 2:67-69 Ap-Je '56.

Nephrostomy in tuberculosis of a solitary functioning kidney. S. A. Sarnetskaia. Urologiia 21 no. 2:59 Ap-Je '56.

KIDNEYS—TUMORS

Perirenal dermoid cyst. B. G. Stuchinskii. Urologiia no. 4:54-55 O-D '55.

Renal adenosarcoma in children. V. I. Rusakov. Urologiia no. 4:51-52 O-D '55.

KIDNEYS—WOUNDS AND INJURIES

Peculiarities of kidney function in air contusion; experimental research. B. IA. Gromov. Urologiia 21 no. 1:11-17 Ja-Mr '56.

KIDNEYS, ARTIFICIAL

Present state of the problem of so-called artificial kidney. Z. S. Vainberg. Urologiia no. 4:68-76 O-D '55.

KIEV—ASTRONOMY

Brief outline of the history of astronomy at Kiev University. D. Y. Piaskovs'kyi. Nauk. zap. Kiev. un. 13 no. 7:21-28 '55.

iversity. D. Y.
1:149-155 '56.

8 Ag '56.

of physical electronics. N. D. Morhulis. Nauk. zap. Kiev. un. 13 no. 7:13-19 '55.

KIEV—EXCAVATIONS (ARCHAEOLOGY)

New data on the excavations on the Petrovskii estate in Kiev by V. V. Khvoiko. G. F. Korzhukhina. Sov. arkheol. 25:318-336 '56.

Supplement to the article by G. F. Korzhukhina entitled "New data on the excavations on the Petrovskii estate in Kiev by V. V. Khvoiko." Sov. arkheol. 25:337-342 '56.

KIEV—GAS MANUFACTURE AND WORKS

Ukrainskoe respublikanskoe nauchno-tekhnicheskoe obshchestvo neftianoi promyshlennosti. [Innovations in the operation and planning of city gas works] Novoe v ekspluatatsii i proektirovanii gazovogo khoziaistva gorodov. Kiev, Gos. izd-vo tekhn. lit-ry, 1956. 108 p.

KIEV—MOTION PICTURES IN AGRICULTURE

New agricultural films. M. Kh. Zaichyk. Sots. tvar. 28 no. 11:61 N '56.

KIEV—PENSIONS

Decree came into force. Mykhailo Parkhomov. Ukraina no. 22:4-5 N '56.

KIEV—SPORTS

Effort of youth; results of the Spartakiada of the Ukraine. A. Gorbunov and others. Sp. igry 2 no. 8:17-20 Ag '56.

KIEV—THEATER

Kiev. Teatr. 17 no. 10:137 O '56.

KIEV—TREES

Brief survey of the trees of Soviet Park in Kiev. V. S. Volodchenko. Stud. nauk. pratsi no. 20:157-161 '56.

KIEV ASTRONOMICAL OBSERVATORY

Review of the activity of the Astronomical Observatory of Kiev State University in 1952. Publ. Kiev. astron. obser. no. 7:117-123 '56.

KIEV PROVINCE—COPEPODA

A copepod species new to Kiev Province. V. I. Movchenko. Stud. nauk. pratsi no. 20:83-86 '56.

KINDERGARTEN

(see also subdivision under Berdichev; Berezan' District; Chernovtsy; Crimea; Dnepropetrovsk; Leningrad; Stalino Province)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Instruction and training in the kindergarten] Vospitanie i obuchenie v detskom sadu. Pod red. E. I. Radinoi. Moskva, 1955. 120 p. (Pedagogicheskie chteniia)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Work training in kindergartens; practical experience] Trudovoe vospitanie v detskom sadu; iz opyta raboty. Pod red. V. G. Nechaevoi. Moskva, 1956. 70 p. (Pedagogicheskie chteniia)

Developing self-reliance and love of work. L. N. Gul'tiaeva. Doshk. vosp. 29 no. 11:23-28 N '56.

Excursions and walks in the forest in wintertime. Z. D. Sizenko. Doshk. vosp. 29 no. 11:39-43 N '56.

Inculcating the group spirit in the kindergarten. N. G. Loran. Doshk. vosp. 29 no. 11:16-23 N '56.

Organizing some "educational conferences." M. Kal'manson. Doshk. vosp. 29 no. 11:38-39 N '56.

Teaching daring to children. A. V. Cherkov. Doshk. vosp. 29 no. 11:8-15 N '56.

Unceasingly improve the work of preschool institutions. Doshk. vosp. 29 no. 11:1-7 N '56.

KINEMATICS—STUDY AND TEACHING

Elastic collisions of balls. A. L. Bukh. Fiz. v shkole 16 no. 6:36 N-D '56.

KINESHMA—NEWSPAPER AND PERIODICAL CIRCULATION

We cooperate with the district newspaper. V. Sokolov. Raspr. pech. no. 10:13 O '56.

KINETICS see Motion

KIRGHIZISTAN—AGRICULTURE

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Kirghiz S. S. R." pavilion; a guidebook] Pavil'on "Kirgizskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 25 p.

KIRGHIZISTAN—ANTIQUITIES

New archaeological data on mining in Kirghizia. V. T. Surgai. Trudy Inst. geol. KirFAN SSSR no. 5:77-86 '54.

KIRGHIZISTAN—GEOGRAPHY

Pavlenko, V. F., and S. N. Riazantsev. [Kirghizistan] Kirgizskaia SSR. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 116 p.
DS

KIRGHIZISTAN—GEOLOGY, STRATIGRAPHIC

Phenomena of diagenesis and epigenesis in lower Cretaceous Red Beds of southern Kirghizia. V. A. Vakhrushev, V. M. Popov. Trudy Inst. geol. KirFAN SSSR no. 5:21-28 '54.

KIRGHIZISTAN—LEAD ORES

Native lead in igneous rocks of northern Kirghizia. S. D. Turovskii. Trudy Inst. geol. KirFAN SSSR no. 5:91-98 '54.

KIRGHIZISTAN—MINERAL INDUSTRIES—HISTORY

New archaeological data on mining in Kirghizia. V. T. Surgai. Trudy Inst. geol. KirFAN SSSR no. 5:77-86 '54.

KIRGHIZISTAN—RADIO

Best communications workers honored. Radio no. 11:14 N '56.

KIRGHIZISTAN—SHEEP BREEDING

Sheep breeding on state farms in Kirghizistan. N. A. Vasil'ev. Sovkhoz. proizv. no. 10:44-50 O '56.

KIROVOGRAD PROVINCE—QUARTZITE

Fayalite quartzite of the right bank group of magnetic anomalies. N. I. Polovko. Dop. AN URSR no. 4:391-393 '56.

KISHINEV—LANDSCAPE GARDENING

Society for furthering landscape work in the city of Kishenev. Sad. vin. Mold. 11 no. 5:64 S-O '56.

KISHINEV—SPORTS

Sunny youth; notes on the Spartakiada of Moldavia. L. Rudnitskii. Sp. igry 2 no. 8:10-12 Ag '56.

KISLOVODSK—MINERAL WATERS, SULFUROUS

Origin of the Narzan sulfate mineral waters. S. A. Durov. Nauch. trudy NPI 26:252-264 '56.

KITCHEN UTENSILS

The food and domestic utensils of the Lithuanian peasant in the 19th and beginning of the 20th centuries. V. K. Milius. Trudy Inst. etn. 32:127-169 '56.

KITSMAN' DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Mainstay of party organizations. M. Kozakov. Sots. kul't. 9 no. 10:8-9 O '56.

KIZEL—COAL

Burning of Kizel coal intermediate preparation products in an All-Union Institute of Thermodynamics furnace with high slag recovery. IU. L. Marshak. Teploenergetika 3 no. 12:28-34 D '56.

KIZYL-KIYA—COAL MINES AND MINING

Possibility of using movable shields in mining a thick slanting coal seam in the Kizyl-Kiya mine. A. A. Chukobaev. Trudy Inst. geol. KirFAN SSSR no. 5:109-116 '54.

KLADNO, CZECHOSLOVAKIA—SPHALERITE

The chemistry of sphalerite in spherosiderite cavities at Gnidous near Kladno, Czechoslovakia. Jan Kutina. Min. sbor. no. 10:165-170 '56.

KLIMOVSK—COLLECTIVE LABOR AGREEMENTS

Keep your word! Varvara Karbovskaia Rabotnitsa. 3 no. 12:11-12 D '56.

KLYAZ'MA VALLEY—SOILS

Sands along the banks of the Klyaz'ma River in Vladimir Province. A. M. Demianovich. Izv. TSKhA no. 2:161-168 '56.

KLYSTRONS

Frequency division in a reflex klystron. E. N. Bazarov, M. E. Zhabotinskii. Radiotekh. i elektron. 1 no. 5: 680-681 My '56.

KLYUCHEVSKAYA SOPKA

Eruptions of Klyuchevskaya Sopka during 1944-1945. B. I. Piip. Biul. Vulk. sta. no. 14:3-37 '46.

KNEE—ABNORMITIES AND DEFORMITIES

Apparatus for the treatment of flexor contracture of the knee joint in children. N. S. Andrushko. Ortop., travm. i protez. no. 6:62-63 N-D '56.

Results of supracondylar osteotomy of the hip in paralytic flexor contractures of the knee joint. V. M. Dëm'ianov. Ortop., travm. i protez. no. 6:26-30 N-D '56.

KNEE—SURGERY

Results of using the Sivash apparatus in resection of the tuberculous knee joint. A. V. Bedrin. Ortop., travm. i protez. 17 no. 3:62-64 My-Je '56.

KNEE JOINT

Studying the movements of the knee joint in man. V. N. Lenchenko. Ortop., travm. i protez. 17 no. 3:60 My-Je '56.

KNEE JOINT—DISEASES

Deformation of an ankylosed knee joint after economic resection in tuberculous gonitis in children. V. S. Golikonova. Ortop., travm. i protez. 17 no. 4:29-33 Jl-Ag '56.

Surgical treatment of chronic nonspecific synovitis of the knee. I. IU. Fefer. Ortop., travm. i protez. 17 no. 2:20-23 Mr-Ap '56.

KNEE JOINT—RADIOGRAPHY

Studying the kinematics of the knee joint. V. S. Gurfinkel', IA. S. IAkobson. Ortop., travm. i protez. 17 no. 3:69-70 My-Je '56.

KNEE JOINT—TUBERCULOSIS

Treating tuberculous gonitis. N. S. Aladzhal'ian. Ortop. travm. i protez. 17 no. 1:52 Ja-F '56.

KNEE JOINT—TUMORS

A rare case of chondromatosis of the knee joint. IU. S. Buchinskii. Ortop., travm. i protez. 17 no. 1:62-63 Ja-F '56.

KNIT GOODS INDUSTRY see subdivision under Tashkent

KOKYLETSKAYA POLYANA—MINERALOGY

Mineralogy of Kokyletskaya Polyana in the Transcarpathian Mountains. L. D. Arkhipova. Min. sbor. no. 8: 243-252 '54.

KOKYSTAN—GEOLOGY, STRATIGRAPHIC

Presence of Serpula-formed limestone in Maeotian deposits of northwestern Kokyetan. E. A. Batikhekova, V. M. Fokelina, T. A. Gorshenin, Azerb. neft. khoz. 35 no. 7:6-7 Jl '56.

KOKYSTAN—PHOSPHORUS

Distribution of phosphorus in the clays of the productive stratum of Kokyetan. M. I. Alekseev. Uch. zap. Arkh. no. 3:35-41 '55.

KOKYSTAN—PHYSICAL GEOGRAPHY

Geomorphology of northeastern Kokyetan. M. A. Mucrilov. Uch. zap. Arkh. no. 3:47 50 '55.

KOCHERGA, IVAN ANTONOVICH, 1881-1953

Ivan Kocherga. Mystetstvo no. 5:47 S-O '56

Outstanding playwright. K. Storchak. Sots. kul't. 9 no. 10:44 O '56.

KOCHIA

Harvesting seeds and sowing prostate summer cypress. A. K. Dudar'. Ovtsevodstvo no. 10:28-30 O '56.

KOCH'S LYMPH see Tuberculin

KOK-SAGHYZ

Determining caoutchouk and resin in individual kok-saghyz roots. Kh. N. Pochinok. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN UzSSR no. 1/2:240-249 '48.

Diurnal variations in the activity of catalase and peroxidase in kok-saghyz and host leaves. L. K. Ostrovskaia, O. A. Korchagina. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN UzSSR no. 4:220-223 '51.

Effect of ammonium and nitrate nutrition on oxidation-reduction processes and the formation of caoutchouk in kok-saghyz. A. S. Oksenenko, L. K. Ostrovskaia, I. G. Vyval'ko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN UzSSR no. 3:257 267 '51.

Effect of organic and mineral fertilizers on the yield of kok-saghyz and the accumulation of hydrocarbons and caoutchouk in it. A. I. Bukharkin and others. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN UzSSR no. 3:231-256 '51.

Effect of various lengths of the day on yield and variation in the quality of kok-saghyz supplied with nitrogen in the form of ammonium and nitrates. V. A. Dovgal', M. N. Kuran'. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN UzSSR no. 3:209-229 '51.

Effect of various nutrition systems on the yield and quality of kok-saghyz. P. A. Visniak, P. Z. Lisoval. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN UzSSR no. 3:145-154 '51.

KOKCHETAV PROVINCE—HUNTING

In virgin areas. P. Rabovskii. Okh. i okh. khoz. no. 11: 24 N '56.

KOLA PENINSULA—ANTIQUITIES

Stone stages in the oldest period of the history of Kola Peninsula according to archaeological data. N. N. Gurina. Uch. zap. Len. un. no. 119:38-98 '50.

KOLA PENINSULA—DESCRIPTION

Land of enlightened birds. V. Bykov. Sov. voin 38 no. 18:30-31 Ag '58.

KOLAS, IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOLKHOZES see Collective farms

KOLOMNA—ALCOHOLISM

It happened in Kolomna. V. Sinaiskais. Mol. komm. 14 no. 11:47-51 N '56.

KOLOMNA—FOUNDING

Mozhaykin, Viktor. [Foundry men of Kolomna] Kolomenskie liteishchiki. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 46 p. (Vospitanniki trudovykh rezervov)

KOLOMNA—MEDICINE

Conferences of nonprofessional medical workers in Kolomna in 1955. Med. sestra 15 no. 10:31 O '56.

KOMAROV, NIKOLAI STEPANOVICH, 1896-1956

Nikolai Stepanovich Komarov. Sel'khozmashina no. 11: 32 N '56.

KOMI A. S. S. R.—CHEMISTRY—CONGRESSES

First convention of teachers of the Komi A. S. S. R. A. S. Sivkov. Khim. v shkole 11 no. 6:76-77 N-D '56.

KOMI A. S. S. R.—HISTORY

"Outline history of the Komi A. S. S. R." vol. 1. Reviewed by A. A. Preobrazhenskii. Vop. ist. no. 8: 190-191 Ag '56.

KOMI A. S. S. R.—SOIL ACIDITY

Experience in liming acid soils on collective farms of the area served by the Vizinga Machine-tractor Station, Komi A. S. S. R. E. A. Kochetova. Bul. t. pr. 1 no. 11:53-58 N '56.

KOMI A. S. S. R.—THEATER

"Average" expenditures; in the Komi Republic Dramatic Theater. L. Markhanov. Teatr. 17 no. 10:101-108 O '56.

KOMSOMOLSK-ON-AMUR—THEATER

Komsomol'sk-on-Amur. Teatr. 17 no. 10:137-138 O '56.

KONINCK, PHILIPS—1619-1688

The relationship of Philips Koninck's work to Rembrandt. K. A. Agafonova. Trudy Gos. erm. 1:159-166 '56.

KONOSHA DISTRICT—MOTION-PICTURE PROJECTION

Winner of a socialist competition. N. Stepanov. Kinomekhanik no. 11:6-7 N '56.

KOPET DAGH—GRASSES

New cereal grasses from Kopet Dagh. P. Chapanov. Izv. An Turk. SSR no. 3:88-90 '56.

KOPET DAGH—TRACE ELEMENTS

Studying trace elements in Kopet Dagh soils. P. E. Orazdan. Izv. AN Turk. SSR no. 4:45-50 '56.

KOREA—ECONOMIC CONDITIONS

Policy of improving the life of the people. Nov. Kor. no. 9:1-5 S '56.

KOREA—HISTORY

Inglorious end of "General Sherman." Ch'oe Yŏng-hwan. Nov. Kor. no. 9:38-39 S '56.

KOREA, NORTH—AGE (LAW)

On the age of citizens which have the right to vote and to be elected to the organs of the Government of the Korean People's Democratic Republic. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:1 S '56.

KOREA, NORTH—AGRICULTURE, COOPERATIVE

My transformed motherland. Yi Cha-ma. Nov. Kor. no. 9:17-19 S '56.

KOREA, NORTH—COAL MINERS

Miner's Day. Nov. Kor. no. 9:15-16 S '56.

Preparing for Miner's Day. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:5-6 S '56.

KOREA, NORTH—COAL MINES AND MINING

Polish friends help us. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:5 S '56.

KOREA, NORTH—COMMUNIST PARTY

Chosŏn Nodong-dang. [Statutes of the Korean Workers' Party' adopted at the Third Congress of the Korean Workers' Party, April 1956] Ustav Trudovoi partii Korei; prinial III s"ezdom TPK v aprele 1956 g. [Moskva, Izd-vo Vysshei partiinoi shkoly pri TsK KPSS] 1956. 21 p.

In the Central Committee of the Korean Labor Party. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:1-3 S '56.

KOREA, NORTH—ECONOMIC CONDITIONS

Three-year plan was fulfilled ahead of time. Kang Sŏk-mo. Nov. Kor. no. 9:6-7 S '56.

KOREA, NORTH—EDUCATION

Great victory on the front of the cultural revolution. Chŏn Ik-hwan. Nov. Kor. no. 9:13-14 S '56.

KOREA, NORTH—EFFICIENCY, INDUSTRIAL

In the name of a prosperous life. Nov. Kor. no. 9:8-12 S '56.

KOREA, NORTH—ELECTIONS

Decrees of the Presidium of the Supreme National Assembly of the Korean People's Democratic Republic on conducting elections to the popular assemblies of provinces, cities, counties (regions), villages (settlements and workmen's settlements) of the Korean People's Democratic Republic. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:1 S '56.

KOREA, NORTH—FOREIGN RELATIONS—ALBANIA

On the arrival of the official delegation of the Albanian People's Republic in Korea. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:2-3 S '56.

KOREA, NORTH—JOURNALISTS, BULGARIAN

Departure of a Bulgarian journalist from Korea. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:6 S '56.

KOREA, NORTH—PRICE REGULATION

Lowering of retail prices on local industrial goods. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:3 S '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Brief news. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:7-9 S '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH NORTH VIETNAM

Eleventh anniversary of the proclamation of the Vietnam People's Republic. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:4 S '56.

KOREA, NORTH—RELATIONS (GENERAL) WITH POLAND

Polish friends help us. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:5 S '56.

KOREA, SOUTH—ECONOMIC CONDITIONS

Fruits of American "aid" and the Fascist regime in South Korea. Nov. Kor. no. 9:27-29 S '56.

The situation in South Korea [with English summary in insert]. N. M. Shabalkov. Nov. vostokoved. no. 5:103-117 '56.

KOREA, SOUTH—SOCIAL CONDITIONS

South Korea today. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:6-7 S '56.

KOREAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—RUSSIAN

[Concise Korean-Russian conversation guide] Choro kani hoehwa-jip. [Sost. S. V. Neverov.] Mossŭk' ŭba, Oegukmun Sŏjŏk Ch'ulp'-an-sa [Moscow, Foreign Language Press] 1955. 111 p.

KOREAN LITERATURE—HISTORY AND CRITICISM

Korean literature and revolutionary traditions of the Korean Association of Proletarian Writers. Sin, Kuhŏn. Nov. Kor. no. 9:30-34 S '56.

KOREAN MUSICAL INSTRUMENTS see Musical instruments, Korean

KORNICHUK, OLEKSANDR, 1905-

Pivtoradni, V. I. [Studying O. IE. Kornichuk's works in school] Vyvchannia tvorchosti O. IE. Kornichuka v shkoli. Vyd. 2., perer. i dop. Kyiv, Radians'ka shkola, 1955. 120 p.
(MH)

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

The Ukraine in social and political writings of V. Korolenko. Pavlo Malyi. Zhovten' 6 no. 11:102-110 N '56.

V. G. Korolenko. A. Kharabovitskii. Kreat'lanka 35 no. 12:2 D '56.

V. G. Korolenko; on the 35th anniversary of his death. Z. Mel'kikh. Rab. i natsl. 32 no. 12:6 D '56.

KOSTENKI—ANTIQUITIES

Excavations of a paleolithic dwelling and grave in Kostenki II in 1953. P. I. Boriskovskii. Sov. arkheol. 25:173-188 '56.

KOTOVSKII, GRIGORII IVANOVICH, 1881-1925

Esaulenko, A. S. [The revolutionary career of G. I. Kotovskii] Revoliutsionnyi put' G. I. Kotovskogo. Kishinev, Gos. izd-vo Moldavii, 1956. 152 p.

KOTOVSKOYE DISTRICT—VITICULTURE

How we overcame our lag. N. S. Karpunin. Sad. vin. Mold. 11 no. 6:57-58 S-O '56.

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913

Ivanov, L. D. [Mykhailo Kotsiubyns'kyi; a critical and biographical sketch] Mikhail Kotsiubinskii; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 181 p.

KOZLOV, PETR KONSTANTINOVICH, 1900-1956

P. K. Kozlov; an obituary. Tekst. prom. 16 no. 11:72 N '56.

KOZLOVSKII, IVAN SEMENOVICH

Moscow. Gosudarstvennyi akademicheskii Bol'shoi teatr. Ivan Semenovich Kozlovskii. Moskva, Gos. izd-vo "Iskusstvo," 1955. 1 v. (unpaged)

KRAKOVETS—COMMUNITY CENTERS

Carnival in a palace of culture. A. Arkov. Sots. kul't. 9 no. 10:16 O '56.

KRASNODAR TERRITORY—PLOWING

Results of two-and three-layer systems of plowing. V. S. Dravetskii. Sovkhoz. proizv. no. 10:35-37 O '56.

KRASNOGORKA DISTRICT—MOTION-PICTURE PROJECTION

Motion pictures on the stock ranges. G. Alilov. Kinomekhanik no. 11:5-6 N '56.

KRASNOURALSK—ORE DRESSING

Mechanizing labor consuming operations in an ore dressing plant. TSvet. met. 29 no. 10:80-82 O '56.

KREMENCHUG HYDROELECTRIC POWER STATION

The Kakhovka Hydroelectric Power Station is ready, the Kremenchug will be built. Ukraina no. 21:18-19 N '56.

KRIVOY ROG—AEGIRITE
Aegirites of the Krivoy Rog iron ore deposits. IU.Ir. Polovinkina. Min.sbor. no.5:167-178 '51.

KRIVOY ROG—GRANITE
Granite from cummingstonite shales of Krivoy Rog. IU.Ir.Polovinkina. Min.sbor. no.5:342-344 '51.

KRIVOY ROG—IRON MINES AND MINING
Improve the work of the Krivoy Rog scientific research and construction organizations. A.K.Sidorenko. Gor. zhur. no.10:15-18 O '56.

KRIVOY ROG—IRON ORES
The nature of the ore mineral of so-called colored ores found in Krivoi Rog. IU.G.Gershoig. Min.sbor. no.5: 187-192 '51.
Structures of "colored" ores of the Krivoy Rog iron ore basin. G.G.Bura. Min. sbor. no.10:147-153 '56.

KRIVOY ROG—METALLURGICAL PLANTS
News from the old basin.. S. Akhmatov. Ukraina no.21:21 N '56.

KRIVOY ROG—MINING ENGINEERING
Shostak, A.G., B.I.Al'brut, and E.M.Sukocheva. [Progressive methods of work in the Krivoy Rog Basin mines] Peredovye metody truda na rudnikakh Krivorozhskogo basseina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 88 p. (Peredovye metody truda)

KRIVOY ROG BASIN—SIDERITE
Siderite from the northern section of the Krivoy Rog Basin. IE.F.Shniukov. Dop.AN URSR no.4:398-401 '56.

KRONSTADT—MONUMENTS
Plan for a monument in Kronstadt. M.N.Meisel'. Arkhit.i stroi.Len. no.3:43-44 S '56.

KRONSTADT—REVOLUTION, 1917-1921—PERSONAL NARRATIVES
Power to the Soviets. I.Flerovskii. Vozhatyi 32 no.11:6-8 N '56.

KRUSHINSKII, SERGEI
His handwriting. IA.Makarenko. Sov.pech. no.11:36-37 N '56.

KRYLOV, ALEKSEI NIKOLAEVICH, 1863-1945
A.N.Krylov in the Academy of Sciences. A.F.Ioffe. Trudy Inst.ist.est.i tekh. 15:6-12 '56.
A.N.Krylov's correspondence with S.O.Makarov, I.P. de-Kolong, N.E.Zhukovskii and others. Published by T.A.Krasotkina. Trudy Inst.ist.est.i tekh. 15:54-168 '56.
A.N.Krylov's mathematical works. V.I.Smirnov. Trudy Inst.ist.est.i tekh. 15:13-23 '56.
A.N.Krylov's organizational activity in the Academy of Sciences from 1918 to 1920 A.V.Kol'tsov. Trudy Inst. ist.est.i tekh. 15:46-53 '56.
A.N.Krylov's works on astronomy. N.I.Idel'son. Trudy Inst.ist.est.i tekh. 15:24-31 '56.
In memory of A.N.Krylov. S.I.Vavilov. Trudy Inst.ist. est.i tekh. 15:4-5 '56.
In memory of A.N.Krylov. T.P.Kravets. Trudy Inst. ist.est.i tekh. 15:32-39 '56.
Recollections of my meetings with Aleksei Nikolaevich Krylov. M.A.Shatelen. Trudy Inst.ist.est.i tekh. 15: 40-45 '56.

KULISH, LIDIIA TROFIMOVNA
Agronomist Lidiia Trofimovna Kulish. Z.A.Dubko. Sakh.svekl. no.8:14-17 O '56.

KULUNDA—JOURNALISM, AGRICULTURAL
An everliving theme. K.Morozov. Sov.pech. no.11:26-31 N '56.

KUM DAG—PETROLEUM
Aromatic hydrocarbons of the naphtalene series in Kum-Dag oil. A.N.Nifazov, Kh.Vakhabova. Izv.AN Turk. SSR no.3:73-79 '56.

KUNANBAEV, ABAI, 1845-1904
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazyka i literatury. [Life and works of Abai; a collection of articles] Abaidyn ömirі men tvorchestvosy. Zhizn' i tvorchestvo Abaia; sbornik statei. Pod red. M.Akhinzhanova i Z.Akhmetova. Alma-Ata, 1954. 269 p. [In Kazakh and Russian]
Among archival documents; new material on Abai Kunanbaev. F.Malikov, G.Semeniuk. Sov. Kazakh. 22 no.9:125-128 S '56

KUNGUR—CAVES
Undergroundrainbow. A.Turyshev, IU.Ezhov. Ogonek 34 no.48:32 N '56.

KUNTSEVO—WEAVING
Story of a little knot. IU.Kotler, G.Semenov. Rabotnitsa 34 no.12:7-8 D '56.

KUNTSEVO DISTRICT—HEALTH EDUCATION
Health education work in schools of Kuntsevo District, Moscow Province. L.A.Rusokol. Fel'd.i akush. 21 no.11:45-46 N '56.

KUO MIN TANG see subdivision under China

KURA-ARAS LOWLAND—WATER, UNDERGROUND
Ground water cycle in the Kura-Araks Lowland. G.IU. Israfilov. Uch.zap.AGU no.1:55-60 '56.

KURA DELTA—FISH CULTURE
First year of work of the Ust'-Kura Fish Farm. V.A. Sabir. Ryb.khoz. 32 no.11:37-40 N '56.

KURA VALLEY—GEOLOGY
Geological structure and history of the geological development of the Kura-Iora interfluve [in Azerbaijani with summary in Russian]. K.M.Sultanov, A.V.Mamedov. Uch.zap.AGU no.3:51-64 '55.

KURA VALLEY—PETROLEUM GEOLOGY
Formation of pools and possibilities of oil and gas pools in the middle and upper Pliocene of the lower Kura geological region. A.K.Aliev. Azerb.neft.khoz. 35 no.9:1-5 S '56.

KURA VALLEY—PHYSICAL GEOGRAPHY
Geomorphology of the southeastern part of the Kura-Iora interfluve [in Azerbaijani with summary in Russian]. M.A.Museibov. Uch.zap.AGU no.4:37-49 '55.

KUREYKA VALLEY—PALEOBOTANY
Pliocene deposits and the flora of the Kureyka Valley. P.I.Dorofeev, A.A.Mozhvilk. Dokl.AN SSSR 110 no.3: 449-452 S '56.

KURILE ISLANDS—SPRINGS
Hydrothermal phenomena at foot of recent volcanism in Kamchatka and the Kurile Islands. V.V.Ivanov. Trudy Lab.vulk. no.12:197-217 '56.

KURMASHIN, SH.
Outstanding driver. V.Chertov. Avt.transp. 34 no.11:34 N '56.

KURNAKOV, NIKOLAI SEMENOVICH, 1860-1941
Outstanding Soviet chemist; on the 15th anniversary of N.S.Kurnakov's death. I.N.Lepeshkov. Khim.nauka i prom. 1 no.5:570-582 '56.

KURSK, BATTLE OF, 1943
Through fire and attack. Il'ia Markin. Sov.voin 38 no.16:4-7 Ag '56.

KURSK PROVINCE—QUARTZITE
Facies change in ferrous quartzite in one of the sectors of the Kursk magnetic anomaly. K.A.Anikiev. Inform. sbor.VSEGEI no.1:27-33 '55.

KUSTANAY—AUTHORS
Good luck! M.Vasil'ev. Sov.Kazakh. 22 no.5:124-126 My '56.

KUSTANAY PROVINCE—MUSIC, WHITE RUSSIAN
White Russian artists in virgin lands. A.Pusep. Biarozka 33 no.11:21 N '56.

KUTAISI REGION—CAVES
"Stone age man in the Sakazhia Cave [in Georgian]" by G.K.Nioradze. Reviewed by N.Z.Berdzenishvili (Kiladze). Trudy Inst.ist.AN Gruz.SSR 1:487-491 '55.

KUYBYSHEV—CERAMIC INDUSTRIES
Work is organized in a new way. M.L.Taub. Stek.i ker. 13 no.10:29-31 O '56.

KUYBYSHEV—PIONEERS (COMMUNIST YOUTH)
History of a correspondence. K.Kirshina. Vozhatyi 32 no.11:13-15 N '56.

KUYBYSHEV PROVINCE—ARCHAEOLOGY
Smirnov, A.P. [Results of archaeological work in the area submerged by the Kuybyshev Hydroelectric Power Station in 1955; a report at a meeting of the scientific council of the museum] Itogi arkheologicheskikh rabot v zone zatopleniia Kuibyshevskoi GES v 1955 g.; doklad na zasedanii Uchenogo soveta muzeia. Kazan', Gos.muzei Tatarskoi ASSR, 1956. 22 p.

KUYBYSHEV PROVINCE—PUPPETS AND PUPPET PLAYS
Congratulations to the new settlers. Teatr 17 no.11:178 N '56.

KUZNETSK ALA-TAU—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy and volcanism of the central region of the Kuznetsk Ala-Tau. A.L.Dodin. Inform.VSEGEI no.1:45-52 '55.

KUZNETSK BASIN—ALGAE, FOSSIL
A New Devonian red algae from the Kuznetsk Basin and the evolution of Corallinaceae. V.P.Maslov. Dokl.AN SSSR 110 no.2:280-283 S '56.

KUZNETSK BASIN—COAL MINING MACHINERY
Gummenik's cutter-loader at the "Polysaevskaia-2" mine. V.TSygankov. Mast.ugl. 5 no.10:8-10 O '56.

KUZNETSK BASIN—GEOLOGY
Study of the Kuznetsk Basin geology in the sixth five-year plan. V.I.IAvorskii. Razved.i okh.nedr 22 no.10:11-14 O '56.

KUZNETSK BASIN—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Devonian deposits in the Kuznetsk Basin. G.N.Kartseva, V.B.TSyrlina. Trudy VNIGRI no.95: 147-164 '56.

KUZNETSK BASIN—INDUSTRIALIZATION
From the history of the socialist industrialization of Siberia. E.M.Poltanskaia. Vop.ist. no.8:15-33 Ag '56.

KUZNETSK BASIN—MINE TIMBERING
Sectional, reinforced concrete supports in crosscuts. E.Vlatkin. Mast.ugl. 5 no.10:13-14 O '56.

KUZNETSOVA, V.N.
A superficial work ("Unusual journeys" by V.N.Kuznetsova. Reviewed by E.N.Ageeva, G.Semeniuk). Sov. Kazakh. 22 no.4:115-118 Ap '56.

KWANTUNG PROVINCE—ANEMIA
Cooley's anemia in children from the Kwangtung Province. Shi-fan' Chzhun, Chzhun-chan Chzhu. Pediatriia 39 no.4:51-56 Jl-Ag '56.

KYAKHTA—HISTORY
Silin, E.P. [Kyakhta in the 18th century; history of Russian-Chinese trade] Kiakhta v XVIII veke; iz istorii russko-kitaiskoi torgovli. [Irkutsk] Irkutskoe obl. izd-vo, 1947. 203 p.
(CU MICROFILM)

KZYL-ORDA PROVINCE—FLEAS
Effect of food stocks of Rhombomys opimus Licht. on the population density and distribution of fleas in the rodent burrows [with English summary in insert]. A.I.Diatlov. Zool.zhur. 35 no.9:1406-1409 S '56.

LABINSK—MOTION-PICTURE PROJECTION—STUDY AND TEACHING
One hundredth graduation of motion-picture operators at the Labinsk School. I.Konovalov. Kinomekhanik no.11:14 N '56.

LABINSK—NEWSPAPER AND PERIODICAL CIRCULATION
We enlarged our knowledge. P.Bandurin. Raspr.pech. no.10:13 O '56.

LABOR, COMPLICATED
Early diagnosis and therapy of congenital deformations and prevention of birth trauma. A.P.Skoblin, V.G. Chetaeva, P.P.Sova. Ortop., travm.i protez. 17 no.2:31-36 Mr-Ap '56.
Management of pregnancy and labor in heart diseases. A.P.Kiriushchenkov. Fel'd.i akush. 21 no.10:14-20 O '56.
Moscow Society of Pediatricians and Moscow Society of Obstetricians. Pediatriia 39 no.4:86 Jl-Ag '56.

LABOR, MIGRANT see Migrant labor

LABOR AND LABORING CLASSES see subdivision under Bulgaria; California; Germany; Orekhovo-Zuevo; United States

LABOR AND LABORING CLASSES—HISTORY (see also subdivision under Ukraine)
Ovsiannikova, S.A. [Studying the history of the workers' movement in a district; a manual for workers in local museums] Izuchenie istorii rabochego dvizheniia kraia; posobie dlia rabotnikov kraevedcheskikh muzeev. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 65 p.

LABOR AND LABORING CLASSES---INSURANCE see Old age pensions

LABOR AND LABORING CLASSES---MEDICAL CARE
Regulation on orthopedic and prosthetic help for artel members. Prom. koop. no. 11:36 N '56.

LABOR AND LABORING CLASSES---PERIODICALS
The periodical "Sotsial'nicheskii trud." P. Loznevoi. Nauch. prob. no. 10:21 O '56.

LABOR AND LABORING CLASSES---WAGES see Wages

LABOR LAWS AND LEGISLATION
Sarkinbekova, L.I.[The role of Soviet labor law in the preparation and advanced training of personnel for government enterprises. Abstract of a dissertation for the degree of candidate of the juridical sciences] Rol' sovetskogo trudovogo prava v dele podgotovki i povysheniia kvalifikatsii kadrov gosudarstvennykh predpriiatii. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Akademiia nauk SSSR, 1956. 16 p. [MICROFILM]

LABOR PARTY (GREAT BRITAIN)
Social economic "doctrines" of laborism. Deh. F. Efendiev. Uch. zap. AGU no. 1:95-107 '56.

LABOR PRODUCTIVITY
As important factor in the development of socialist production. V. Khil'ko. Sots. kul't. 9 no. 10:3-5 O '56.
In industries and departments. Sots. trud no. 9:93-98 S '56.
Introduction of technical norms is in the interest of all workers. G. Khutrov. Dlok. agit. no. 34:1-9 D '56.
Measuring labor productivity in the U.S.S.R. V. Sobol'. Sots. trud no. 9:22-31 S '56.
Regularities in the operator's performance [with English summary in insert]. S.S. Medvedev. Avtom. i telem. 17 no. 11:985-1000 N '56.
Studying the problem of increasing labor productivity at the Economics Institute of the Academy of Sciences of the U.S.S.R. ("Problems in increasing labor productivity in Soviet industry." Reviewed by V. Loktev). Sots. trud no. 9:115-121 S '56.

LABOR RELATIONS see Industrial relations

LABOR SUPPLY
(see also subdivision under Monchegorsk)
Commitment of youth to industrial operations in the North, the East, and the Donets Basin. T. Danilechyn. Belaruski zhurnik 9:102-116 '56.

LABOR UNIONS see Trade unions

LABORATORIES---APPARATUS AND SUPPLIES
Role of "midget ampules" for the bacteriological control of stored blood and its components at various stages of preservation. Iu. M. Orlenko, P. T. Kozyr', Vop. perel. krovi. 4:231-241 '56.

LABORATORIES, CHEMICAL see Chemical laboratories

LABRADORITE
Peculiarities of labradorite iridescence. T. N. Agafonova. Min. sbor. no. 10:263-272 '56.

LACHIN DISTRICT---SOILS
Soils and erosion in the forested steppe zone of the Lesser Caucasus according to the data obtained on the research plot. A. P. Kozhukhova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:197-207 '56.

LACRYMAL ORGANS---DISEASES
Keratoconjunctivitis sicca in hypofunction of lacrimal glands. E. Iu. Daktaravichene. Vest. oft. 39 no. 5:73-75 S-O '56.
Larvae of the fly Wohlfahrtia magnifica in the conjunctival sack of the eye and the lacrymal tract in man. T. V. Zubareva. Vest. oft. 39 no. 5:92-93 S-O '56.

LACTATION
New data on the regulation of milk secretion. M. G. Zaks, Iu. M. Olenov, I. P. Makeeva. Zhur. ob. biol. 17 no. 5: 365-383 S-O '56.

LAGODEKHI STATE PRESERVE---INSECTS
Data on insects of the Lagodekhi State Preserve [in Georgian with summary in Russian]. D. N. Kobakhidze. Trudy Zool. inst. AN Gruz. SSR 14:189-214 '56.

LAGODEKHI STATE PRESERVE---TICKS
Ixodid ticks of the Lagodekhi State Preserve and biological characteristics of their most important representatives. N. I. Uspenskaia. Trudy Zool. inst. AN Gruz. SSR 14:67-104 '56.

LAGODEKHI STATE PRESERVE---WORMS, INTESTINAL AND PARASITIC
Helminths of birds of the Lagodekhi State Preserve. B. E. Kirshkvili. Trudy Zool. inst. AN Gruz. SSR 14: 105-145 '56.

Helminths of wild mammals of the Lagodekhi State Preserve [in Georgian with summary in Russian]. T. E. Rodonaia. Trudy Zool. inst. AN Gruz. SSR 14:147-187 '56.

LAKES see subdivision under Karelian Isthmus; Tien Shan

LAMBS
Raising healthy lambs. F. O. Shtun'. Sots. tvar. 28 no. 11:50-58 N '56.
Raising hybrid lambs. E. T. Agilan. Ovtsevodstvo no. 10:16-18 O '56.
Raising lambs in unheated buildings. A. G. Dautov. Veterinariia 33 no. 12:01-03 D '56.

LAMELLIBRANCHIATA, FOSSIL see subdivision under Karaganda Basin

LAMP SHADES
Paper for lighting applications. L. E. Levina. Svetotekhnika 2 no. 6:27-28 N '56.

LAMPROPHYRES see subdivision under Zirabulak Hills

LAND, RECLAMATION OF see Reclamation of land

LAND TENURE
(see also subdivision under Azerbaijan; Georgia; Great Britain; Novgorod (Duchy) )
Aksenokok, G.A. [Land laws in the U.S.S.R. Abstract of a dissertation for the degree of doctor of the juridical sciences] Zemel'nye pravootnosheniia v SSSR. Avtoreferat dissertatsii na soiskanie uchenoi stepeni doktora iuridicheskikh nauk. Moskva, Akademiia nauk SSSR, 1955. 36 p. [MICROFILM]
Landowning agriculture in the central farming region of Russia during the years of crisis of the landowning system. Iu. V. Kozhukhov. Uch. zap. Ped. inst. Gertz. 102:87-116 '55.

LAND TENURE---HISTORY see subdivision under Volhynia

LAND TERRACING see Terracing

LANDSCAPE ARCHITECTURE see subdivision under Izmaylovo

LANDSCAPE GARDENING see subdivision under Kara Kum Canal region; Kishinev; Moscow

LANDSLIDES
(see also subdivision under Khizinskiy District; Vol'vil'-chay Valley)
Classification of rockslides on slopes for engineering geological purposes. G. S. Zolotarev. Uch. zap. Mosk. un. no. 176:135-173 '56.
Emel'ianova, E. P. [Practical manual for the stationary study of landslides] Metodicheskoe rukovodstvo po statsionarnomu izucheniiu opolznei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 245 p.
Landslides. O. K. Lange. Uch. zap. Mosk. un. no. 170: 123-133 '56.

LANGUAGE AND LANGUAGES
(see also subdivision under China)
Defense of dissertations in the Department of Literature and Language. Vest. AN SSSR 26 no. 11:121-123 N '56.

The study of words and types of dictionaries for learning purposes. G. A. Leman-Abrikosov. Inostr. iaz. v shkole no. 6:36-42 N-D '56.

LANTERN PROJECTION
New epidiascopic apparatus. V. K. Baranov. Fiz. v shkole 16 no. 6:86-89 N-D '56.

LAOS---POLITICS AND GOVERNMENT
Negotiations on an internal settlement in Laos. Mezhdunar. zhizn' no. 11:158-159 N '56.

LARCENY
Increase the role of legal advisers in the struggle against embezzlement and theft. A. Raevskii. Prom. koop. no. 11:32-33 N '56.

LASHKERAK VALLEY---DIKES (GEOLOGY)
Dikes of the Lashkerak River Basin. I. M. Mirkhodzhaev. Zap. Uz. otd. Vses. min. ob-va no. 6:51-55 '54.

LASK, BERTA
Honestly lived life ("Calm and storm" [in German] by Berta Lask. Reviewed by E. Gal'perina). Inostr. lit. no. 11:258-260 N '56.

LATHE WORK see Turning

LATHES
Manufacturing and measuring precision lead screws used on lathes. S. V. Livshits. Stan. i instr. 27 no. 10:10-14 O '56.

LATHES---ATTACHMENTS
Device for machining large-size work pieces. P. S. Dedkov. Stan. i instr. 27 no. 10:36 O '56.
Idle run stopping device for lathes. V. I. Krainiukov. Strol. i dor. mashinostr. no. 11:35-36 N '56.
Lathe attachments for external work. A. K. Borul'nik, E. G. Dolmatov. Stan. i instr. 27 no. 10:35 O '56.

LATIN AMERICA---FOREIGN RELATIONS---UNITED STATES
Washington and Latin America. Mezhdunar. zhizn' no. 11:111 N '56.

LATVIA---AGRICULTURE---PERIODICALS
Latvian agricultural periodical. P. Sergeev. Sots. sel'khoz. 17 no. 7:90-95 '56.

LATVIA---BASKETBALL
Indissoluble ties. A. Galitskii. Sp. igry 2 no. 9:17 S '56.

LATVIA---RADIO
Best communications workers honored. Radio no. 11:14 N '56.

LATVIA---REPATRIATION
Happy life of a large family. R. Rozova. Krest'ianka 36 no. 12:23-24 D '56.

LAUNDRIES see subdivision under Minsk

LAUNDRY
Improving pressing in laundries. K. M. Poltev, V. F. Deev. Gor. khoz. Mosk. 30 no. 9:36-37 S '56.

LAUTER, ANTS
Lively antagonist; Ants Lauter in the role of the mayor T. Bachelis. Teatr 17 no. 11:99-101 N '56.

LEAD - ISOTOPES

Internal conversion in the $Pb^{210}$ atom in the $Ra^{226}$ decay chain. I. M. Lobanov and others. Izv. AN SSSR. Ser. fiz. 20 no. 8, 967 now Ag '56.

LEAD - METALLURGY

(see also metallization under Bulgaria)

Lepkuliv, F.M. [Metallurgy of lead and zinc] Metallurgiia svintsa i tsinka, Moskva, Ugol, nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1950. 424 p.

LEAD - TOXICOLOGY see Lead poisoning

LEAD ALLOYS - CORROSION

Protective action of alloying additions in the anodic corrosion of lead alloys. N. S. Kir'iakov. Izv. AN Kazakh. SSR ser. khim. no. 10:58-67 '59.

LEAD HALIDES - SPECTRA

Comparison of the absorption spectra of polycrystal and monocrystals of thallium and lead halide salts and of alkali halide phosphors activated by the salts of the above metals. A. A. Shishlovskii. Opt. i spektr. 1 no. 6:805-811 D '56.

LEAD NITRATES

Effect of dissolved oxygen from the air on results of microcalorimetric titration of cyanide solutions with lead nitrate. V. A. Izvekov, Trudy MAHI no. 9:95-98 '54.

LEAD ORES see subdivision under Kazakhstan; Kirghizistan

LEAD PURIFYING

Use of cyclones of multicellular type at lead plants and ways to improve the work of lead-purifying [with summary in Eng. and Ital.] V. D. Peretiatkovich, V. V. Pukhlikov. Trudy inst. khim., Ural. fil. AN SSSR no. 2:139-144 '56.

LEAD REFINERY see subdivision under Armenia

LEAKAGE ELECTRIC CURRENTS see Electric currents, Leakage

LEAKAGE MEASURE

Application of the least squares method to the solving of the equations by crystallization volumes of five component systems of water-soluble salts. N. I. Timokhina. Trudy MAHI no. 11:11-16 '56

LEATHER INDUSTRY

Masley, I. G. [The leather industry] Kozhevennaia promyshlennost'. Moskva, Gos. nauchno-tekhn. izd-vo legkoi promyshl., 1951. 236 p. (Moscow)

LEATHER SUBSTITUTES

Manufacture of additives and impregnators made out of leather substitutes. N. I. Kasperskii. Kauch. i rezina no. 6:37-40 '56.

LEAVES

Concentration of cell sap in cotton leaves in relation to the age and water supply of the leaves [with English summary in insert]. I. A. Filippov. Pochvovedenie no. 9:101-108 S-O '56.

Phenomena of sudden cholesteol seedlings of white oak: berry [Morus alba L.]. N. N. Berlingieri. Izv. AN Gruz. SSR no. 4:71-73 '56.

Quantitative determination of the chief carotenoids in green leaves through paper chromatography [with English summary in insert]. D. I. Saparbekova and others. Fiziol. rast. 3 no. 5:451-453 S-O '56.

Uptake of substances by seeds from leaves of various ages [with English summary in insert]. I. P. Gasanova. Fiziol. rast. 3 no. 5:445-450 S-O '56

LEBEDEV, KONSTANTIN

Pattern and life [''People and dresses'' by Nadezhda Lebedev. Reviewed by M. Bessel]. Obrazets 34 no. 11:182-183 N '56.

LEBEDEV, PETR NIKOLAEVICH, 1866-1912

A slip of the pen which has become ''historical fact.'' I. Sokolov. Lit. i zhiz. no. 10:92-93 O '56.

LECTURES AND LECTURING

Baranskaya, M. [The rural lecture bureau] Sel'skii lektorii. [Izd. 2-oe, perer. i dop.] Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1953. 54 p. (Bibliotechka sel'skogo kluborga rabotnika, no. 11)
(MICROFILM)

LECHES

On the occurrence in the U. S. S. R. of an interesting species of leech, Herpobdella corvinata (Pr. Moquin) [with English summary in insert]. E. I. Lukin. Zool. zhur. 35 no. 9:1417-1419 S '56.

Sensitivity of leeches to various external influences. S. A. Konovalchikov. Trudy AN Turk. SSR 21:59-64 '54.

LEG - SURGERY

Replacement of osteomyelitic cavities of the leg by muscle flaps. N. S. Mavrikiev. Ortop., travm. i protez. no. 9:15-19 S-O '56.

LEG, ARTIFICIAL

[illegible] see subdivision under Moscow

LEGISLATION see subdivision under Economics

LEGUMES

Variations of nitrogen metabolism in the course of vegetation of plants of the genus Lupinus. V. N. Petrov and V. V. Maevskaia. Biokhim. 21 no. 5:[illegible] S-O '56.

LEIPUR, NATALIIA [illegible]

[illegible] see subdivision under Bulgaria

LEIPZIG

Measures of hygienic sanitation in the cities of the German Democratic Republic. Sergei Fabian, Leipzig. Reviewed by Iakovlev. Gig. i san. 21 no. 12:[illegible] D '56.

LENA RIVER - DELTA

Flora of the delta of the Lena River. V. N. Vasil'ev, V. V. Petrovskii, V. N. Vasil'eva. Trudy Inst. Geol. Yak. fil. SO AN SSSR no. 2:[illegible] '56.

LENA VALLEY - FISHERIES AND FISHERIES

Fish industry of the Lena Valley. V. N. Ivanov. Trudy Yak. fil. SO AN SSSR no. 2:[illegible] '56.

LENA VALLEY - PLANTATION

Distribution of algae and cryptogams in the Lena River Valley. V. N. Vasil'ev. Trudy Inst. Geol. Yak. fil. SO AN SSSR no. 2:[illegible] '56.

LENIN, VLADIMIR IL'ICH, 1870-1924

Bibliography of V. I. Lenin's works published in Czechoslovakia, 1945-1955. Prague, 1956. 48 p.

Bibliography of V. I. Lenin's works published in Czechoslovakia, 1945-1955. Prague, 1956. 48 p.

Lenin and the Komsomol. Moscow, Gos. izd-vo polit. lit-ry, 1956. 238 p.

Lenin and the Komsomol. Moscow, Gos. izd-vo polit. lit-ry, 1956. 238 p.

The first day of the revolution. V. Bonch-Bruevich. Pravoslav. 33 no. 11:3-9 N '56.

Fedoseev, I. A. [How Vladimir Il'ich Lenin worked] Kak rabotal Vladimir Il'ich Lenin. Moskva, Gos. izd-vo ''Zemlia'', 1924. 47 p. (Vospominaniia sekretaria Soveta narodnykh komissarov o tom, kak rabotal Lenin)

Fedoseev, I. A. [How Vladimir Il'ich Lenin worked] Kak rabotal Vladimir Il'ich Lenin. Moskva, Gos. izd-vo ''Zemlia'', 1924. 47 p. (Vospominaniia sekretaria Soveta narodnykh komissarov o tom, kak rabotal Lenin)

Lenin on religion. V. M. Bonch-Bruevich. Prog. rab. i krest. no. 11:24-28 N '56.

Lenin on religion. V. M. Bonch-Bruevich. Prog. rab. i krest. no. 11:24-28 N '56.

"Ages of a great life" [Commemoration of Vladimir Il'ich Lenin]. Reviewed by V. Kuteev and Simone Dal Ri. Mir. i sots. dvizh. no. 11:151-153 N '56.

"Ages of a great life" [Commemoration of Vladimir Il'ich Lenin]. Reviewed by V. Kuteev and Simone Dal Ri. Mir. i sots. dvizh. no. 11:151-153 N '56.

Pankratova, A. M. [V. I. Lenin's part in the formation of the U.S.S.R.] Rol' V. I. Lenina v obrazovanii SSSR. Moskva, Gos. izd-vo ''Znanie,'' 1956. 24 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 27)

Pankratova, A. M. [V. I. Lenin's part in the formation of the U.S.S.R.] Rol' V. I. Lenina v obrazovanii SSSR. Moskva, Gos. izd-vo ''Znanie,'' 1956. 24 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 27)

"Recollections about V. I. Lenin." Reviewed by S. Mikoian. Mir. i sots. dvizh. no. 11:153-154 N '56.

"Recollections about V. I. Lenin." Reviewed by S. Mikoian. Mir. i sots. dvizh. no. 11:153-154 N '56.

"Recollections about Vladimir Il'ich Lenin." Reviewed by M. Pravda. Kommunist 33 no. 16:144-145 N '56.

Thirty-one Il'ich. Sots. trud 11 no. 11:143-147 N '56.

V. I. Lenin as the founder of the Communist Soviet Socialist Republic. M. M. Klein. Vopr. ist. KPSS 1 no. 5:3-18 N '56.

V. I. Lenin as the founder of the Communist Soviet Socialist Republic. M. M. Klein. Vopr. ist. KPSS 1 no. 5:3-18 N '56.

V. I. Lenin's struggle against the petty-bourgeois economic views of liberal populists. P. A. Khromov. Voprosy ist. SSSR, vypusk 1:[illegible] no. 1:[illegible] '56.

V. I. Lenin's struggle against the petty-bourgeois economic views of liberal populists. P. A. Khromov. Voprosy ist. SSSR, vypusk 1:[illegible] no. 1:[illegible] '56.

LENIN, VLADIMIR IL'ICH, 1870-1924 - MUSEUMS, RELICS, ETC.

[The V. I. Lenin Museum in Gorki] Dom-muzei V. I. Lenina v Gorkakh. [Moskva, Iskusstvo, 1956] 40 part cards in portfolio.

LENINGRAD - APARTMENT HOUSES

Large-panel apartment houses. A. V. Vasil'ev, Arkhitekt. i stroit. Leningr. no. 3:3-8 S '56.

Standard houses for Leningrad suburbs. Arkhitekt. i stroit. Leningr. no. 3:23 S '56.

Large-panel apartment houses. A. V. Vasil'ev, Arkhitekt. i stroit. Leningr. no. 3:3-8 S '56.

Standard houses for Leningrad suburbs. Arkhitekt. i stroit. Leningr. no. 3:23 S '56.

LENINGRAD - BUILDING

Our [Leningrad] builders are fulfilling their plans. Stroitel' no. 1:1-2 Ja '57.

Our [Leningrad] builders are fulfilling their plans. Stroitel' no. 1:1-2 Ja '57.

LENINGRAD - CONSTRUCTION EQUIPMENT AND TECHNOLOGY

Introducing technical and economic knowledge in the ''Dom'' creative planning bureau. M. Ia. Gol'dman. Mekh. stroi. 13 no. 10:29-31 O '56.

Introducing technical and economic knowledge in the ''Dom'' creative planning bureau. M. Ia. Gol'dman. Mekh. stroi. 13 no. 10:29-31 O '56.

LENINGRAD - CONSTRUCTION AND TECHNOLOGY, SPECIAL TYPES

In Leningrad reserve plant of foundations. Osnov. fund. no. 10:29-31 '56.

In Leningrad reserve plant of foundations. Osnov. fund. no. 10:29-31 '56.

LENINGRAD - FORESTS

On some performances of the Leningrad Forest Opera Theater. Trans. from no. 10:[illegible] '56.

On some performances of the Leningrad Forest Opera Theater. Trans. from no. 10:[illegible] '56.

LENINGRAD - HYDROLOGY AND METEOROLOGY

Annual reports on their researches Academy of Sciences in the USSR summary. Izd. 2 dopolnenie. Trudy Inst. geol. i geofiz. SO AN SSSR '56.

Annual reports on their researches Academy of Sciences in the USSR summary. Izd. 2 dopolnenie. Trudy Inst. geol. i geofiz. SO AN SSSR '56.

LENINGRAD - HYDROLOGY, SPECIAL

The development of Petrograd as the right bank suburb during the suppression of the revolt in the autumn and December, 1917. A. A. Shilovskii. Ist. zap. Gos. ist. muz. Petra. 1:[illegible] '56.

The development of Petrograd as the right bank suburb during the suppression of the revolt in the autumn and December, 1917. A. A. Shilovskii. Ist. zap. Gos. ist. muz. Petra. 1:[illegible] '56.

LENINGRAD—REVOLUTION, 1917-1921—PERSONAL NARRATIVES
Night in Gatchina. M. Roshal'. Vozhatyi 32 no. 11:10 N '56.
October days. K. Sverdlova. Vozhatyi 32 no. 11:2-3 N '56.
Smol'nyi Institute, headquarters of the Revolution. P. Mal'kov. Vozhatyi 32 no. 11:8-9 N '56.
Soldiers of the revolution. M. Mukhtar-Londarskii. Vozhatyi 32 no. 11:4-5 N '56.

LENINGRAD—SEMICONDUCTORS
Conference on dielectric and semiconductor technology. Radiotekhnika 11 no. 10:79-80 O '56.

LENINGRAD—STADIUMS
Replanning the "Spartak" park. Arkhit. i stroi. Len. no. 3:48 S '56.

LENINGRAD—SUBWAYS
Letter to the editor. D. A. Zil'ber, N. V. Volotskoi, V. V. Tolmat'ev. Svetotekhnika 2 no. 6:28-29 N '56.

LENINGRAD—TELEVISION STATIONS
Plan for the Leningrad television center. S. D. Speranskii, A. D. Kats. Arkhit. i stroi. Len. no. 3:41-42 S '56.

LENINGRAD—TEXTILE FABRICS—TESTING
Determination of crease tendency in fabrics. N. I. Sigorskii. Tekst. prom. 16 no. 8:47 S '56.

LENINGRAD—THEATER
"The baker's dozen." Teatr. 17 no. 10:161 O '56.
During the new season. Teatr. 17 no. 10:180 O '56.
"17 Three-Nightingales Street" Teatr. 17 no. 10:126-127 O '56.
34 Mokhovaya Street, Leningrad. Teatr. 17 no. 10:161 O '56.

LENINGRAD—TOURISM
In Leningrad trading port. M. Vvedenskii. Rnspr. poch. no. 10:10 O '56.

LENINGRAD—VIEWS
[Leningrad; views of the city] Leningrad; vidy goroda. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. 1 v. (unpaged, chiefly illus.)

LENINGRAD PROVINCE—CITY PLANNING
Problems of decentralizing a large city. V. A. Kamenskii. Arkhit. i stroi. Len. no. 3:2-4 S '56.

LENINGRAD PROVINCE—COLLECTIVE FARMS
First successes. A. Maksimov. Sots. sel'khoz. 17 no. 7:24-32 '56.

LENINGRAD PROVINCE—RUSSIAN LANGUAGE—STUDY AND TEACHING
Council of the Leningrad Province Department of Public Education. Nar. obr. no. 11:76-78 N '56.

LENINGRAD PROVINCE—UROLOGY
Experience in organizing urological care in towns and districts of Leningrad Province. P. Z. Presnitzen. Urologiia 21 no. 1:53-55 Ja-Mr '56.

LENINSK-KUZNETSKIY—MINING ENGINEERING—STUDY AND TEACHING
In the school of mine foremen. Mast. ugl. 5 no. 10:20 O '56.

LENINSKOYE DISTRICT (KHABAROVSK TERRITORY)—AGRICULTURE
Masters of the land; a sketch. Vladimir Koposov. Dal'. Vost. 24 no. 5:15-20 S-O '56.

LENKORAN' DISTRICT—ICHNEUMON FLIES
Cidlis zaitzevi, sp. nova (Ichneumonidae, Cryptinae) in Azerbaijan (Lenkoran). L. M. Akhundova-Tuseva. Uch. zap. AGU no. 2:87-98 '56.

LENKORAN' LOWLAND—FERTILIZERS AND MANURES
Methods of manuring soils after a rice crop in the Lenkoran' region. D. M. Guseinov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:9-21 '56.

LENKORAN' LOWLAND—TEA
Fertilizing tea plantations of the Lenkoran' region in the subtropics of Azerbaijan. G. A. Talybly. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:111-117 '56.

LENS, CRYSTALLINE see Crystalline lens

LEO XIII, Pope, 1810-1903
Historical background of Leo XIII's encyclical "Rerum novarum." M. M. Sheinman. Vop. ist. rel. i ateiz. no. 4:86-103 '56.

LEONARDO DA VINCI, 1452-1519
Leonardo da Vinci's manuscript "Treatise on painting" and its illustrations in the Hermitage collection. T. D. Kamenskaia. Trudy Gos. erm. 1:40-50 '56.
Sources of the Renaissance in relation to the work of Leonardo da Vinci. V. I. Rutenburg. Uch. zap. Len. un. no. 193:169-190 '56.

LEONOV, LEONID MAKSIMOVICH, 1899-
To the depths of the human soul. Armand Darukh. Inostr. lit. no. 11:186-188 N '56.

LEPTOSPIROSIS
Some developmental peculiarities of epizootic leptospirosis in Microtus oeconomus Pall. studied by tagging [with English summary in insert]. E. V. Karaseva. Zool. zhur. 35 no. 9:1384-1389 S '56.

LEUCOCYTES
Effect of different functional states of the cerebral cortex on the quantity of leucocytes in rabbits. Report No. 1. L. E. Smironva. Vop. perel. krovi. 4:70-76 '56.
Permeability of the nasal tissue and migration of leukocytes to the surface of the nasal mucosa following disorders of sensory innervation. V. D. Dragomiretskii. Arkh. pat. 18 no. 5:55-62 '56.

LEUCODERMA see Albinos and albinism

LEUCOPENIA
Transfusion of the "intermediate layer" of stored blood in leukopenia, agranulocytosis, and thrombopenia. A. P. Zaikina and others. Vop. perel. krovi. 4:165-174 '56.

LEVEL (TOOL)
New leveling instruments. I. Kreinin. Stroitel' 2 no. 3:16-17 Mr '56.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVIN, LEV
"Where is happiness?" by Lev. Levin. Teatr. 17 no. 10:120-130 O '56

LEVINA, EKATERINA FEDOROVNA
Ekaterina Fedorovna Levina. A. A. Teslenko-Frikhod'ko. Med. sestra 15 no. 11:20-30 N '56.

LIATOSHYNS'KYĬ, BORYS, 1894-
B. Liatoshyns'kyĭ's "Grazhina". I. Boelza. Soob. Inst. iut. tak. no. 9:53-65 '56.

LIBRARIES see subdivision under Archangel Province; Egypt; Stryy

LIBRARIES—CLASSIFICATION see Classification—Books

LIBRARIES, RURAL see subdivision under Pedosovka

LIBRARIES, SPECIAL
The library and the theater. Teatr 17 no. 11:160 N '56.

LIBRARIES, WORKING-MEN'S
Library in the duty assignment room. Mast. ugl. 5 no. 10:30 O '56.

LICE AS CARRIERS OF DISEASE
On the problem of the presence of the Aujesky's disease virus in lice infesting swine. V. S. Nikitina. Sbor. trud. Khar'. vet. inst. 21:249-260 '56.

LIEBIG, JUSTUS, 1803-1873
J. Liebig's unpublished letters to P. A. Il'enkov, P. M. Luk'ianov. Trudy Inst. ist. est. i tekh. 12:363-369 '56.

LIEGE—ASTROPHYSICS—CONGRESSES
Seventh international colloquy on "Molecules in cosmic bodies" in Liège. V. G. Fesenkov. Astron. zhur. 33 no. 5:778-784 S-O '56.

LIFE—ORIGIN
Grabinskii, S. O. [Origin of life] Proiskhozhdenie zhizni. [L'vov] Izd-vo L'vovskogo univ., 1955. 20 p.
How life originated on the earth. K. E. Sharikov. Kolkh. Bel. 4 no. 8:35-36 Ag '56.

LIGAMENTS—DISEASES
Stenosing ligamentitis of the hand and fingers. V. I. Rozov. Ortop., travm. i protez. 17 no. 1:9-13 Ja-F '56.

LIGHT—CHEMICAL ACTION see Photochemistry

LIGHT—SCATTERING
Anomalous scattering of light in glass. A. I. Kolladin. Opt. i spektr. 1 no. 7:907-910 N '56.
Similarity in the dispersion of light and electrons through scattering media. L. N. Bell. Biofizika 1 no. 7:657-659 '56.
Solution of integral equations on the theory of light scattering in the atmosphere. M. S. Malkevich. Izv. AN SSSR. Ser. geofiz. no. 9:1080-1090 S '56.

LIGHT—SPEED
Observation of Einstein's effect during solar eclipses. A. A. Mikhailov. Usp. fiz. nauk 59 no. 1:51-66 My '56.

LIGHT—STANDARDS
Present state of the system of light units (in connection with the promulgation of a new standard for light units). P. M. Tikhodeev. Svetotekhnika 2 no. 8:9-11 N '56.

LIGHT, ELECTRIC see Electric lighting

LIGHT, ZODIACAL see Zodiacal light

LIGHT TRAPS see Insect traps

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTNING PROTECTION
Investigation of lightning protection of transmission lines with ground wires. V. V. Burgsdorf. Elektrichestvo. no. 11:8-14 N '56.
System of connecting valve-type arresters. Prom. energ. 11 no. 11:29 N '56.

LIGHTNING PROTECTION—HISTORY
Ancient lightning conductors. I. S. Stekol'nikov. Ogonek 34 no. 45:31 N '56.

LIGHTWEIGHT CONCRETE
Apartment houses built of coarse cellular concrete blocks. S. Polei, P. Ivanov, R. Arkad'ev. Stroitel' 2 no. 2:5-7 F '56.
Automatic control of the process of the heat and steam treatment in autoclaves. N. S. Volosov, B. A. Maiorov, I. M. Rozhavskii. Stroi. pred. neft. prom. 1 no. 8:8-10 O '56.
The GK foaming agent for cellular concretes. L. M. Rozenfel'd. Stroi. prom. 34 no. 10:40-41 O '56.
Standard plant for producing products made of cellular concretes with a capacity of 30,000 cubic meters per year. N. S. Volosov, IU. B. Kuba. Stroi. i dor. mashinostr. no. 11:18-21 N '56.

LIGNIN
New concept of plant lignification. P. A. Kormshchikov. M. I. Zvereva. Zhivotnovodstvo 18 no. 11:50-52 N '56.

LIGNITE
Effect of the brown coal by-products on the increase in corn yield. P. A. Vlasiuk, M. S. Darmenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:104-108 '55.
Utilizing brown coal of a high ash content and its by-products to improve the quality of manure. P. A. Vlasiuk, I. M. Bernshtein. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:172-177 '51.
Utilizing sorbents obtained from the by-products of the brown coal industry to improve plant nutrition. A. D. Khomenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:178-192 '52.

LIMBS, ARTIFICIAL see Artificial limbs

LIME
Basic problems in fertilizing and liming loamy slightly base-saturated turf-Podzolic soils in the White Russian S. S. R. V. I. Shempel', K. T. Starovoitov. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:60-100 '56.
Decomposition of lime in chemistry classes. A. N. Temp, E. V. Temp. Khim v shkole 11 no. 6:53 N-D '56.
Dissolving impregnating lime. A. A. Alekseev. Vest. oft. 69 no. 5:90 S-O '56.
Effect of liming on the properties of forest soils. V. I. Klimov. Izv. TSKhA no. 2:159-178 '56.
Experience in liming acid soils on collective farms of the area served by the Vizinga Machine-tractor Station, Komi A. S. S. R. E. A. Kochetova. Ud. i ur. 1 no. 11:53-56 N '56.
Rogal'skii, B. I. [Use of ground, unslaked lime in construction] Primenenie molotoi negashenoi izvesti v stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 147 p.
Truck-mounted lime spreader. S. Kniaz'kov. Tekhsov. MTS 17 no. 20:12-15 O '56.

LIMESTONE
Presence of Serpula-formed limestone in Maeotian deposits of northwestern Kobystan. E. A. Daidbekova, V. M. Pobedina, T. A. Gorshenin. Azerb. neft. khoz. 35 no. 7:6-7 Jl '56.

LIMIT THEOREMS (PROBABILITY THEORY)
Central limit theorem for nonstationary Markov chains. Part 1. [with summary in English]. R. L. Dobrushin. Teor. veroiat. i ee prim. no. 1:72-89 '56.
Limit rules for random vectors forming a Markov chain. G. Mihos. Teor. veroiat. i ee prim. no. 1: 103-112 '56.

LINDEN
(see also subdivision under White Russia)
Effect of precipitation on the flowering and honey crop from linden. N. A. Bulanov. Pchelovodstvo 33 no. 11: 33-34 N '56.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS
On an effective solution of systems of incompatible linear equations according to Chebyshevskii's principle of the best uniform approximation. IE. IA. Remez. Dop. AN URSR no. 4:315-320 '56.

LINGNER, MAX
The artist and his vocation. Marcel Cachin. Inostr. lit. no. 11:251-256 N '56.

LINGUISTICS see Language and languages

LINKAGE (HEREDITY) see Chromosomes

LINKS AND LINK-MOTION
Two new precise guiding mechanisms. I. I. Artobolevskii. Dokl. AN SSSR 110 no. 3:341-344 S '56.

LIQUID AIR
Investigation of the thermodynamic properties of air and nitrogen at low temperatures under pressure. Part 1. Determination of the isothermal choke effect for air and nitrogen. I. P. Ishkin, M. G. Kaganer. Zhur. tekh. fiz. 26 no. 10:2329-2337 O '56.
Investigation of the thermodynamic properties of air and nitrogen at low temperatures under pressure. Part 2. Thermodynamic phase diagrams for air and nitrogen. I. P. Ishkin, M. G. Kaganer. Zhur. tekh. fiz. 26 no. 10: 2338-2347 O '56.

LIQUID LEVEL INDICATORS
Portable water-level gauge for rough water. S. P. Agureev. Meteor. i gidrol. no. 10:58 O '56.

LIQUID METALS
Heat loss and thermophysical properties of fused alkali metals. I. I. Novikov. Atom. energ. no. 4:92-106 '56.

LIQUIDS
Correlation of viscosity and vapor-tension diagrams for binary liquid systems. A. P. Toropov. Trudy SAGU no. 40:23-25 '53.
Optical method of determining the heat conductivity of liquids. V. P. Frontas'ev. Zav. lab. 22 no. 7:812-817 '56.

LIQUIDS—STUDY AND TEACHING
Problems and questions on the topic "Properties of liquids." I. V. Fomishenko. Fiz. v shkole 16 no. 6: 79 N-D '56.

LIQUIDS, KINETIC THEORY OF
Inquiry in the theory of liquid state. O. Z. Holik. Nauk. zap. Kiev. un. 13 no. 7:145-152 '55.

LISTENING see Attention

LISTERELLA
Role of listerellosis in the sanitary inspection of meat. E. G. Kampel'makher. Veterinariia 33 no. 12:63-65 D '56.

LITERARY CRITICISM see Criticism

LITERATURE
Brief news on literature and art. Sov. Kazakh. 22 no. 5:128 My '56.
Brief news on literature and art. Sov. Kazakh. 22 no. 10: 127-128 O '56.

LITERATURE—HISTORY AND CRITICISM
Abramovich, G.L. [Introduction to literary criticism; a manual for pedagogical institutes] Vvedenie v literaturovedenie; posobie dlia pedagogicheskikh institutov. Izd. 2-oe, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 367 p.

LITERATURE—STUDY AND TEACHING see subdivision under Germany, East

LITHIUM
Deuteron energy dependence of the cross section of Li (d, p)Li reaction in the 3, 1--4 Mev interval. L. S. Bezrukov, D. A. Panov, D. V. Timoshuk. Atom. energ. no. 4:149-150 '56.
Present state of lithium production and consumption. B. A. Sakharov. Khim. nauka i prom. 1 no. 5:529-533 '56.

LITHIUM SALTS
Miscibility of a number of molten lithium and silver salts [with English summary in insert]. D. S. Lesnykh, A. G. Bergman. Zhur. fiz. khim. 30 no. 9:1960-1965 S '56.

LITHIUM SULFATE
Growth of lithium sulfate crystals. P. G. Pozdniakov. Kristallografiia 1 no. 3:358-359 '56.

LITHOTRITY
A historical comment on K. I. Glubential's lithotrite; 125th anniversary of this invention in Russia. G. M. Perlin. Urologiia 21 no. 1:58-59 Ja-Mr '56.

LITHUANIA—AGRICULTURE—HISTORY
Agriculture in Lithuania during the feudal era. P. V. Dundulene. Trudy Inst. etn. 32:3-47 '56.

LITHUANIA—ASTRONOMY—HISTORY
Astronomy in schools of higher learning in Lithuania from the 16th to the 19th centuries. P. V. Slavenas. Ist.-astron. issl. no. 1:49-84 '55.

LITHUANIA—FARMHOUSES
Dwellings and farm buildings in eastern Lithuania in the 19th and beginning of the 20th centuries. G. I. Gozina. Trudy Inst. etn. 32:95-128 '56.

LITHUANIA—GEESE
Lithuanian geese. K. M. Jackunas. Ptitsevodstvo 6 no. 11:19-22 N '56.

LITTER (BEDDING)
Using ULK-1 cultivator in breaking up the surface of peat deposit for winning peat for litter. A. I. Selitrennikov. Trudy Inst. torf. AN BSSR 5:106-117 '56.

LIUBCHA DISTRICT—SWINE HOUSES AND EQUIPMENT
What does keeping hogs in groups gain? E. N. Anis'ko. Kolkh. Bel. 4 no. 8:18-19 Ag '56.

LIUBIMOV, NIKOLAI MATVEEVICH, 1852-1906
Nikolai Matveevich Liubimov as scientific and public figure; 50th anniversary of his death. N. S. Podol'skii, N. F. Peryvaev. Arkh. pat. 18 no. 5:89-100 '56.

LIVER
Antitoxic hepatic function in fractures of the long bones as affected by some physical factors. D. A. Kogan, V. N. Pilovitskaia, L. I. Saiapina. Ortop., travm. i protez. 17 no. 3:68 My-Je '56.
Carbohydrate-phosphorus metabolism and oxidation in the liver and in skeletal muscles under normal conditions and in experimental thyrotoxicosis [with summary in English]. T. I. Larionova. Vop. med. khim. 2 no. 5:378-389 S-O '56.
Carbohydrate-phosphorus metabolism in the heart and liver of rabbits during drug-induced sleep [with summary in English]. L. A. TSeitlin. Vop. med. khim. 2 no. 5:383-388 S-O '56.
Conversion of nitrogen of various amino acids and ammonia to urea in the liver of mammals. I. V. Kliuge. Biokhimiia 21 no. 5:516-527 S-O '56.
Liver nucleic acid content in case of thermal burns of the skin [with summary in English]. P. M. Beliaev. Vop. med. khim. 2 no. 5:350-362 S-O '56.
Mechanism of the disruption of tyrosine oxidation in the liver in protein deficiency. V. S. Kazantseva, S. IA. Kaplanskii. Biokhimiia 21 no. 5:528-533 S-O '56.

LIVER—BLOOD SUPPLY
Intoxication of the central nervous system during hepatic functional disorders [with summary in English]. N. V. Veselkin, B. G. Gordon. Vop. med. khim. 2 no. 5:350-356 S-O '56.

LIVER—CANCER
Primary hepatic cancer. B. Kardzhiev, S. Sivchev. Arkh. pat. 18 no. 5:69-73 '56.

LIVER—CIRRHOSIS
Serum proteins in liver cirrhosis and in mitral defects. O. P. Samarina. Biul. eksp. biol. i med. 42 no. 10:28-33 O '56.

LIVER—DISEASES
Brachylecithum rodentini, a new liver parasite of rodents. A. I. Agapova. Trudy Inst. zool. AN Kazakh. SSR 3:118-120 '55.
Etiology and pathogenesis of toxic hepatitis with ascites. M. N. Khanin. Arkh. pat. 18 no. 6:35-45 '56.
Experimental toxic hepatitis with ascites caused by the heliotrope. S. B. Dubrovinskii. Vop. kraev. pat. no. 4:136-150 '54.

LIVER—WOUNDS AND INJURIES
Effect of certain soporifics and stimulants on the wound organization process (in the liver). U. IA. Podar. Arkh. pat. 18 no. 6:122-123 '56.

LIVER EXTRACT
Using campolon in the treatment of anemia in domestic animals. S. I. Smirnov. Veterinariia 33 no. 12:39-41 D '56.

LIVER FLUKE
Role of nucleic acids in the oogenesis and fertilization of Fasciola hepatica L. N. A. Bogomolova. Dokl. AN SSSR 110 no. 3:461-464 S '56.

LIVESTOCK see Domestic animals; Stock and stock-breeding

LIVONIANS
The anthropological type of the Livs. R. IA. Denisova. Trudy Inst. etn. 32:220-244 '56.

LOADING AND UNLOADING
Fast unloading of fish from trawler holds. A. S. Khrapovitskii. Ryb. khoz. 32 no. 11:20-22 N '56.
Mobile D-370 mixer and D-371 loader. V. D. Kokin, N. F. Tiumin. Stroi. i dor. mashinostr. no. 11:31-32 N '56.
Partial mechanization in unloading cement. A. Griaznov. Stroitel' 2 no. 8:22-23 Ag '56.
Screw conveyor for loading groat screenings in railroad cars. V. Serebrianskii. Muk.-elev. prom. 22 no. 10: 26 O '56.
Self-unhooking of logs in mechanized bunching. V. Domniiskii. Les. prom. 34 no. 11:15 N '56.
Using NN-O, 75 loaders for fertilizer loading. S. Gimelin. MTS 16 no. 11:31-32 N '56.

LOBACHEVSKII, NIKOLAI IVANOVICH, 1793-1856
N. I. Lobachevskii's unknown paper on acoustics. I. N. Bronshtein. Akust. zhur. 2 no. 3:320-322 JL-S '56.

LOCAL ANESTHESIA
Conduction anesthesia of the tongue in cattle. N. G. Sazhin. Veterinariia 33 no. 12:49-51 D '56.
Hypothermia and ganglion-blocking agents for the prevention of complications caused by temporary blood flow arrest in experimental studies. I. R. Petrov, T. N. Astakhova, N. V. Korostovtseva. Vest. khir. 77 no. 10:16-26 O '56.
Local anesthesia in surgical operations on the peritoneum and the external generative organs in dogs. I. A. Kalashnik. Sbor. trud. Khar'. vet. inst. 21:466-470 '56.
Local anesthesia of the hip joint region by A. V. Vishnevskii's method. T. T. Daurova. Ortop., travm. i protez. 17 no. 2:17-20 Mr-Ap '56.
Methods of prolonged surface anesthesia and its use in diseases of the peripheral nervous system. V. S. Fomin. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:111-113 O-D '56.
Skin anesthesia by administrating anesthetics by direct current. A. P. Parfenov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:83-87 O-D '56.

LOCAL GOVERNMENT
(see also subdivision under Azerbaijan)
Nedbailo, P.E., and I.N.Pakhomov. [The executive committee of the rural soviet and the organization of its work] Vykonkom sil's'koi Rady ta organizatsiia iioho roboty. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1955. 46 p. (Na dopomohu pratsivnykam sil's'kykh Rad deputativ trudiashchykh)

LOCKE, JOHN, 1632-1704
New work on Locke ("Locke's intellectual relations with France" [in French] by Gabriel Bonno. Reviewed by T. A. Sakharova). Vop. filos. no. 5:185-190 '56.

LOCKOUTS see Strikes and lockouts

LOCOMOTIVE BOILERS
Wall temperatures in series L locomotive boiler fireboxes. F. V. Levykin. Vest. TSNII MPS 15 no. 1:45-46 Ag '56.

LOCOMOTIVE ENGINEERS
Progressive engineer of an electric locomotive. Mast. ugl. 6 no. 10:28 O '56.

LOCOMOTIVES
(see also subdivision under Bezhitsa; Georgia; Great Britain; Sweden; United States)
Krylov, V.I. [Automatic brakes of locomotives] Avtotormoza lokomotivov. Izd. 4-oe, ispr. i dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 376 p.

LOCOMOTIVES—FIREBOXES
Causes of crack formation in the side walls of locomotive fire boxes. N. V. Sagitov. Vest. TSNII MPS 15 no. 2:30-34 S '56.

LOCOMOTIVES—FUEL CONSUMPTION
Economy effected through using mixtures of Angren and Karaganda coals on the Tashkent railroad. E. P. Bel'kov. Trudy TASHIIT no. 5:34-47 '56.
Effect of wetting coal on efficient ignition. A. M. Sukhanov. Trudy TASHIIT no. 5:38-48 '56.
Firing locomotives with mixtures of Angren and Karaganda coals. I. G. Beskrovnyi, A. V. Tolkachev. Trudy TASHIIT no. 5:27-33 '56.
Molinrchuk, V.S. [Efficient use of fuel by locomotives] Ratsional'noe ispol'zovanie topliva na parovozakh. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 113 p.

LOCOMOTIVES—REPAIRS
Brenkovich, D. L., V. G. Dudin, and A. N. Loginov. [Reducing idle time of locomotives in shop repair; the practice of locomotive repair shops of the Kuybyshev railroad] Sokrashchenie prostoin parovozov v depovskom remonte; opyt parovoznykh depo Kuibyshevskoi zh. d. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 90 p.
Gol'dvarg, S. Sh. [Repairing L and LV locomotives; practice of the Moscow marshalling yards] Opyt remonta parovozov L i LV; iz praktiki depo Moskva-sortirovochnaia. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 95 p.

LOCOMOTIVES—REPAIRS—ACCOUNTING
Limiting the issue of materials constitutes a means for reducing expenditures in railroad transportation. A. Polikarpov. Bukhg. uchet. 15 no. 11:20-22 N '56.

LOESS
(see also subdivision under Alai Range; Kazakhstan)
Engineering geological grading of loess-like soils. V. N. Samsonov. Razved. i okh. nedr 22 no. 10:47-53 O '56.
Evaluating the construction properties of loess rocks. S. N. Maksimov. Gidr. stroi. 25 no. 10:52-54 N '56.

LOEWY, RAYMOND FERNAND, 1893-
Raymond Loewy, Leonard Reed. Amerika no. 3:43-47 '56.

LOGARITHMS
[Five-place logarithm tables] Piatiznachnye tablitsy logarifmov. Izd. 7-e. [Moskva] Voen. izd-vo Ministerstva obor. SSSR, 1956. 190 p.

LOGIC
Categories of "thing" and "relation" in K. Marx's "Capital." L. A. Maniakovskii. Vop. filos. no. 5:46-59 O '56.

[illegible]

[illegible] EXPERIMENTAL [illegible] PARTY OF THE [illegible] PARTY WORK

[illegible], MIKHAIL VASIL'EVICH, 1711-1765

[illegible]

[illegible] [illegible] 1775-1778

[illegible]

[illegible]

[illegible]

LUPUS

Changes in sensory chronaxy in lupus erythematosus following a procaine block of trigeminal nerve endings. M. A. Shteinberg, E. E. Pankova, S. IA. TSarik. Vest. ven. i derm. 30 no. 5:14-15 S-O '56.

LUSTER

Classification of the luster of minerals. A. S. Povarennykh. Min. sbor. no. 5:75-81 '51.

LVOV—CULTURE

Our retort to slanderers. H. V. Karpenko. Visnyk AN URSR 27 no. 11:77-78 N '56.

LVOV—GAMES

Amusing contests. M. Raver. Ogonek 34 no. 45:32 N '56.

LVOV—GEOLOGICAL SOCIETIES

Brief news. Min. sbor. no. 10:416-417 '56.

The Lvov Geological Society. Min. sbor. no. 10:5-9 '56.

LVOV—HISTORY

Culture of an old city; on the 700th anniversary of Lvov. D. Moliakevych. Sots. kul't. 9 no. 10:6-7 O '56.

Lvov. Universytet. [History of Lvov; a brief sketch] Istoriia L'vova; korotkyi narys. [L'viv] 1956. 293 p.

LVOV—MOTORBUSES

Lvov motorbus. N. Vigilianskii. Nash. sovr. 4:208-211 '56.

LVOV—MUSICAL REVUES, COMEDIES, ETC.

Lvov. Teatr 17 no. 11:123-124 N '56.

LVOV PROVINCE—FESTIVALS

Making our festivals full of joy. O. Poroshyna. Sots. kul't. 9 no. 10:32-33 O '56.

LVOV PROVINCE—GLAUCONITE

Lvov glauconite as raw material for water softening and for dye production. A. I. Komlev. Min. sbor. no. 5: 355-358 '51.

LYGIN, TIMOFEI MITROFANOVICH

Timofei Lygin's mining brigade. D. Markman. Mast. ugl. 5 no. 10:11-13 O '56.

LYMPHATICS—DISEASES

Diagnosis and treatment of acute mesenteric lymphadenitis. K. I. Kuskova. Vest. khir. 77 no. 10:92-95 O '56.

Lymphadenosis in cattle. S. I. Smirnov. Sbor. trud. Khar'. vet. inst. 21:390-397 '56.

MACCLINTOCKIA, FOSSIL see subdivision under Ukraine

MACEDONIA—HISTORY

Treaty between Amyntas, King of Macedonia, and the cities of the Chalcidic League. T. V. Prushakevich. Uch. zap. Len. un. no. 192:81-93 '56.

MACHINE ACCOUNTING

Conference of employees of the Ministry of the Shipbuilding Industry on machine accounting and calculation work. Bukhg. uchet 15 no. 11:61-63 N '56.

Machine accounting of maritime freight shipments. V. Kriushin. Bukhg. uchet. 15 no. 11:37-43 N '56.

MACHINE DESIGN see Machinery—Design

MACHINE-SHOP PRACTICE

Lathe operations on "Getinaks;" a laminated plastic material. N. I. Konovalov, N. Z. Verber. Trudy Ural. politekh. inst. no. 50:131-148 '56.

Mechanical dismantling of stamped iron stators and rotors. B. A. Kurdin. Stroi. i dor. mashinostr. no. 11:36 N '56.

MACHINE-SHOP PRACTICE—STUDY AND TEACHING

Conducting a course of practical work in the study of machines. V. Belousov. Nar. obr. no. 10:45-49 O '56.

MACHINE-TOOL INDUSTRY

Hourly bonus wages for heat-treatment workers. V. Birbrover. Sots. trud no. 9:78-80 S '56.

MACHINE TOOLS

MACHINE TOOLS—BIBLIOGRAPHY see Bibliography—Machine tools

MACHINE TOOLS—DESIGN

Designing smoothly moving feed mechanisms. I. N. Slezinger, L. B. Erlikh. Stan. i instr. 27 no. 10:26-29 O '56.

External apperance of machine tools. I. I. Stepanov. Stan. i instr. 27 no. 10:23-25 O '56.

MACHINE TOOLS—REPAIRING

Using electric metal spraying in the repair of metal-cutting machines. B. I. Krupskii, L. P. Gluzman. Stan. i instr. 27 no. 10:32-33 O '56.

MACHINE-TRACTOR STATIONS

(see also subdivision under Altai Territory; Balta District; Dzhangalinskiy District; Kharkov Province; Kryzhopol' District; Millerovo District; Nikolayev Province; Poltava Province; South Kazakhstan Province; Soviet Central Asia; Ukhtomskiy District; Ukraine; Vulkaneshty District)

Against stereotyped practice. K. T. Kondrat'ev. Nauka i pered. op. v sel'khoz. no. 10:61-63 O '56.

Combination tractor groups. B. Z. Synzynys. Nauka i pered. op. v sel'khoz. no. 10:49-51 O '56.

Machine-tractor stations are the decisive force in collective farm production. IA. Lovkov. Sots. sel'khoz. 17 no. 7:70-83 '56.

Methods for increasing shift productivity of tractor units. D. A. Hryhorovych, I. I. Natanzon. Mekh. sil'. hosp. 7 no. 10:12-14 O '56.

New system of paying members of tractor groups. M. T. Zhevnovatyi. Mekh. sil'. hosp. 7 no. 10:14-15 O '56.

News from machine-tractor stations. MTS 16 no. 10:46-48 O '56.

News from machine-tractor stations. MTS 16 no. 11:46-48 N '56.

Organization of repairing during autumn and winter. V. S. Dubrovin. Mekh. sil'. hosp. 7 no. 10:15-17 O '56.

Plan the spare parts supply well. O. I. Prytsker. Mekh. sil'. hosp. 7 no. 10:17-18 O '56.

Puryshev, S.P. [A collection of calculation tables for machine-tractor stations; the determination of the percentage of the fulfillment of shift work norms, conversion of tractor operations and hectares plowed, computing fuel consumption according to tractor operation norms] Sbornik raschetnykh tablits dlia MTS; opredelenie protsenta vypolneniia smennykh norm vyrabotki, perevod traktornykh rabot i gektary uslovnil pakhoty, ischislenie raskhoda goriuchego po normam na traktornye raboty. Moskva, Gosstatizdat, 1956. 286 p. DS

Role of radio dispatcher system in organizing accounting and control. A. Vereskov. MTS 16 no. 10:15-16 O '56.

Size of machine-tractor stations in the non-Chernozem zone. S. Fraer. Sots. sel'khoz. 17 no. 7:51-62 '56.

Standardization of repair work in the shops of machine-tractor stations. K. L. Krzhyvenchyk. Mekh. sil'. hosp. 7 no. 11:21 N '56.

Supply system for machine-tractor stations. K. Izmailov. Sots. sel'khoz. 17 no. 7:46-50 '56.

MACHINE-TRACTOR STATIONS—ACCOUNTING

Business accounting and the reorganization of the accounting system. M. Marov. MTS 16 no. 11:19-20 N '56.

[Business accounting at machine-tractor stations; a collection of papers] Opyt khoziaistvennogo rascheta v mashinno-traktornykh stantsiiakh; sbornik materialov. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva. Vyp. 2, no. 9)

Business accounting has proved its value. E. I. Khudiakov. Kolkh. Bel. 4 no. 10:20-21 O '56.

Business accounting in tractor groups. S. Gusev, S. Kaplun. Sots. sel'khoz. 17 no. 7:63-69 '56.

Change the system of accounting. P. Egorov. MTS 16 no. 11:45 N '56.

First successes in the application of business accounting. L. S. TSikrovych. Mekh. sil'. hosp. 7 no. 11:10-11 N '56.

Keeping records on payments to machine-tractor station workers. K. Kostin. Bukhg. uchet. 15 no. 11:23-26 N '56.

Tolypin, IU. M. [Business accounting and net cost at machine-tractor stations and on collective farms] Khozraschet i sebestoimost' v MTS i kolkhozakh. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 74 p. (Bibliotechka v pomoshch' lektoru, no. 22)

MACHINE-TRACTOR STATIONS—PRODUCTION STANDARDS see subdivision under Ukraine

MACHINERY

[Machine building; translations and surveys of foreign periodical literature] Mashinostroenie 6 no. 12 '56. 143 p.

MACHINERY—CONSTRUCTION

The construction of machinery operations. D. Nikol'skii. Prof.-tekh. obr. 13 no. 11:13-14 N '56.

[Machine building; abstracts nos. 20701-31500] Referativnyi zhurnal: Mashinostroenie no. 22 N '56.

MACHINERY—DESIGN

Phases in the teaching of the course "Machine parts." N. S. Acherkan and others. Vest. vys. shkoly 14 no. 11: 35-41 N '56.

MACHINERY—JUVENILE LITERATURE—BIBLIOGRAPHY see Bibliography—Machinery—Juvenile literature

MACHINERY—MAINTENANCE AND REPAIR

Subassembly method in repairing machinery. P. V. Kasitsyn, A. I. Gamaiunov. Les. prom 34 no. 11:20-22 N '56.

Using aluminum and zinc alloys for the restoration of machinery parts. G. Neparidze. MTS 16 no. 11:38 N '56.

MACHINERY—PAINTING

Device for painting machines. E. Kosiakov. MTS 16 no. 10:39 O '56.

MACHINERY—VIBRATION

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. Tekhnicheskoe upravlenie. [Instructions for planning and calculating vibration isolation of machines with dynamic load and equipment sensitive to vibration] Instruktsiia po proektirovaniiu i raschetu vibroizolirutsii mashin s dinamicheskimi nagruzkami i oborudovaniia, chuvstvitel'nogo k vibratsiiam (I 204-55/MSPMKhP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 53 p.

MACHINERY, KINEMATICS OF

Investigation and correction of errors in the kinematic links of machine tools. B. M. Partenskii. Trudy Ural. politekh. inst. no. 50:194-211 '56.

MACHINERY IN INDUSTRY

Extending credit to plants of heavy industry to finance mechanization. I. Levchuk, I. Lokhtsier. Den. i kred. 14 no. 11:26-31 N '56.

Standard method for determining the efficiency of the introduction of modern technology. Plan. khoz. no. 5: 89-90 '56.

MACHINERY INDUSTRY

(see also subdivision under Minsk; Podol'sk; Tallinn)

Abadzhi, K.I., and others. [Reference manual for production control in machine building] Spravochnik po proizvodstvennomu kontroliu v mashinostroenii. Pod obshchei red. A.K.Kutai. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroi. lit-ry, 1956. 670 p.

Kaisenelinbolgen, A. I. [Automatization of production processes and problems in work organization; changes in the division of labor and the qualifications of workers under conditions of the automatization of metalworking processes] Avtomatizatsiia proizvodstvennykh protsessov i voprosy organizatsii truda; izmeneniia v razdelenii truda i kvalifikatsii rabochikh pri avtomatizatsii protsessov metalloobrabotki. Pod red. K. I. Klimenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 141 p.

Konovalov, V. S., and B. A. Dlugach. [Work practices of heavy machinery industry railroad shops] Opyt raboty zheleznodorozhnykh tsekhov zavodov tiazhelogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 120 p.

Korzun, P. P., and N. I. Stodkevich. [Planning operations and production in machine building plants; organization by work schedules] Operativno-proizvodstvennoe planirovanie na mashinostroitel'nom zavode; organizatsiia raboty po grafiku. Pod red. E. A. Satolin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 191 p.

Material encouragement of workers in the introduction of modern technology. A. Mezentsev. Sots. trud no. 9: 67-72 S '56.

The thirty-ninth anniversary of the Great October Socialist Revolution. Stroi. i dor. mashinostr. no. 11:3-4 N '56.

MACHINERY INDUSTRY—PRODUCTION STANDARDS

"Establishment of technical norms for work processes in machine building" by N. Zakharov, G. Obrazisov. Reviewed by A. Sergeev. Sots. trud no. 9:121-125 S '56.

Valuable experience for the establishment of technical norms. V. Sopin. Sots. trud no. 9:72-76 S '56.

MACHINERY INDUSTRY—QUALITY CONTROL

Novikov, A.S. [Organization and methods for controlling production quality in machine building] Organizatsiia i metody kontrolia kachestva produktsii v mashinostroenii. Pod red. A.M.Dlina. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 166 p.

MACKEREL see subdivision under Black Sea

MAGADAN PROVINCE—HISTORY

Beliaeva, A.V. [Russians in the Far North; historical and geographical sketch of Magadan Province] Russkie na Krainem Severe; istoriko-geograficheskii ocherk Magadanskoi oblasti. Magadan, Obl. kn-vo, 1956. 71 p.

MAGMA

Origin of granitic magmas. F. N. Shakhov. Min. sbor. no. 10:39-49 '56.

MAGMA (Continued)
Role of volatile components in assimilation processes. F. Sh. Radzhabov. Zap. Uz. otd. Vses. min. ob-va no. 6: 57-60 '54.

MAGNESIA
Characteristics of crystalline forms of MgO obtained from natural solutions. A. A. Alent'ev, N. T. Bardina. Min. sbor. no. 5:261-266 '51.

MAGNESITE see subdivision under Volga Valley

MAGNESIUM
Determination of magnesium in the presence of nickel, cobalt, zinc, copper, and manganese. Sh. T. Talipov, A. T. Tashkhodzhaev. Trudy SAGU no. 55:145-149 '54.
Determining small quantities of magnesium by means of radioactive phosphorus. N. I. Polevaia, N. N. Chernova, S. L. Mirkina. Inform. sbor. VSEGEI no. 1:119-123 '55.
Photometric detection of magnesium in alunite rocks. M. K. Akhmedli, P. B. Granovskaia, L. F. Zhirova. Uch. zap. AGU no. 3:27-33 '55.
Quantitative determination of magnesium in the form of $NaMgF_3$. Sh. T. Talipov, A. T. Tashkhodzhaev. Trudy SAGU no. 55:141-144 '54.
Serpentinites as magnesium fertilizers. M. M. Mazaeva. Ud. i ur. 1 no. 11:38-40 N '56.

MAGNESIUM—ANALYSIS
Determining calcium and magnesium in soil extracts by titration in one solution. Z. F. Kopteva. Izv. TSKhA no. 2:233-235 '56.

MAGNESIUM—CORROSION
Oxide films on magnesium [with English summary in insert]. N. A. Shishkov, N. A. Andrushchenko. Zhur. fiz. khim. 30 no. 9:1968-1974 S '56.

MAGNESIUM ORES
Magnesia-ferric minerals from crystalline shales of the Bug complex. V. P. Kostiuk. Min. sbor. no. 5:211-218 '51.

MAGNESIUM ORGANIC COMPOUNDS
Reactions of chloromethyl ethers of alcohols with magnesium halonicoholates. G. K. Abdullaev. Uch. zap. AGU no. 1:23-30 '56.

MAGNETIC AMPLIFIERS
Development of a reversing drive for the cable drum of an electric tractor. A. G. Ivakhnenko, I. K. Parra, E. M. Shukailo. Sbor. trud. Inst. elektrotekh. AN URSR no. 14: 75-92 '56.
PMU intermediate magnetic amplifiers. D. G. Rozenblit. Vest. elektroprom. 27 no. 11:21-27 N '56.
Self-compensating coercive force meter with magnetic amplifier. L. A. Fridman, V. P. Ankudinova. Zav. lab. 22 no. 9:1108-1110 '56.

MAGNETIC FIELDS
Characteristic errors in representing magnetic fields made by some authors of physics textbooks. V. V. Andronikov. Uch. zap. Ped. inst. Gerts. 125:85-93 '56.
Electron plasma oscillations in a magnetic field. A. G. Sitenko, K. N. Stepanov. Zhur. eksp. i teor. fiz. 31 no. 4:642-651 O '56.
Quasi-classic quantization in the magnetic field. A. M. Kosevych. Ukr. fiz. zhur. 1 no. 3:261-264 Jl-S '56.
Solution of inhomogeneous, one-dimensional motion problems in magnetic gas dynamics. S. A. Kaplan, K. P. Stanukovich. Zhur. eksp. i teor. fiz. 30 no. 2:382-385 F '56.
Spin behavior of particles in intersecting permanent and alternating magnetic fields. A. I. Rivin. Zhur. eksp. i teor. fiz. 31 no. 4:733-734 O '56.

MAGNETIC MATERIALS
Exchange interaction in certain paramagnetics. S. -Kh. G. Kashaev. Dokl. AN SSSR 110 no. 3:362-364 '56.

MAGNETIC MEASUREMENTS
Bridge circuit of a magnetic logging device. A. V. Veshev. Razved. i okh. nedr 21 no. 2:32-37 Mr-Ap '55.
Computing the horizontal component of a magnetic anomaly on the basis of fixed distribution of the vertical component. A. A. Logachev. Razved. i okh. nedr. 21 no. 1: 40-44 Ja-F '55.
Electromagnetic method for orientation of cores. I. I. Borisov. Nauch. trudy NPI 26:197-205 '55.
Method for measuring dielectric and magnetic characteristics. A. M. Ar'ev. Nauch. trudy NPI 26:460-466 '55.
Method for the magnetic analysis of ferromagnetic components in rocks. V. N. Lozovskii. Nauch. trudy NPI 26:467-472 '55.

MAGNETIC RECORDERS AND RECORDING—STANDARDS
State standards for magnetic sound recorders. D. Vasilevskii. Radio no. 11:41 N '56.

MAGNETIC RESONANCE ACCELERATOR see Cyclotron

MAGNETIC STORMS
New investigations of magnetic disturbances in the ionosphere. V. A. Baranul'ko. Elektrosviaz' 10 no. 12:38-41 D '56.
Radio signal irregularity in the Eastern hemisphere on February 23, 1956. K. M. Kosikov. Elektrosviaz' 10 no. 12:22-26 D '56.

MAGNETISM, TERRESTRIAL
Effect of the earth's magnetic pole on the space distribution of particles in extensive air showers. S. I. Nikol'skii, I. E. Satsevich. Zhur. eksp. i teor. fiz. 31 no. 4:714-715 O '56.

MAGNETOCHEMISTRY
Magnetochemistry of active centers. Part 2. The catalytic properties of atomic and crystalline phases of metallic catalysts [with English summary in insert]. I. V. Krylova, N. I. Kobozev. Zhur. fiz. khim. 30 no. 9: 2077-2084 S '56.

MAGNETOMETER
ARM Arvela magnetometer. V. S. Karsulin. Razved. i okh. nedr 21 no. 6:59 N-D '55.

MAGNETRONS see Oscillators, Electron-tube

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930
The path of song. Sardar Dzhafri. Inostr. lit. no. 11: 180-182 N '56.
Study of the works of Maiakovskii in class 7. G. K. Lit. v shkole 17 no. 6:79-83 N-D '56.

MAIAKOVSKII IN LITERATURE AND ART
Two drawings. S. Komrad. Ogonek 34 no. 48:20 N '56.

MAIL-ORDER BUSINESS
Kurnin, D. N. [Mail-order business in foreign countries] Posylochnaia torgovlia za rubezhom. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 40 p.

MAIZE see Corn (Maize)

MAKARENKO, ANTON SEMENOVICH, 1888-1939
Lvov. Universytet. A. S. Makarenko. [L'vov] Vol. 3. 1956. 100 p.

MAKAROV, F.
An active efficiency innovator. F. Sukhorukov. Avt. transp. 34 no. 11:35 N '56.

MAKAROV, STEPAN OSIPOVICH, 1848-1904
A. N. Krylov's correspondence with S. O. Makarov, I. P. de-Kolong, N. E. Zhukovskii and others. Published by T. A. Krasotkina. Trudy Inst. ist. est. i tekh. 16:54-168 '56.

MAKHFUZ, NAGUIB
Naguib Makhfuz's tale. V. Volosatov. Inostr. lit. no. 11: 204-205 N '56.

MAKHOVA, TAT'IANA
Reply to a critic. Teatr. 17 no. 10:141-142 O '56.

MALARIA
Osmotic resistance of erythrocytes in malaria. G. A. Kazimov. Izv. AN Turk. SSR no. 5:74-77 '56.

MALFEASANCE IN OFFICE see Misconduct in office

MALTA—FOREIGN RELATIONS—GREAT BRITAIN
Britain and Malta. Mezhdunar. zhizn' no. 10:113-114 O '56.

MALTHUSIANISM
L. I. Mechnikov's struggle against Malthusian theories, social Darwinism, and racism. V. M. Romanenko. Vop. filos. no. 5:100-105 '56.
Present-day Malthusians are apologists for the policy "from a position of strength" and colonialism. A. Popov. Mezhdunar. zhizn' no. 10:86-87 O '56.

MAMMALS—PARASITES see Parasites—Mammals

MAN, PREHISTORIC
(see also subdivision under Baltic Sea region; Estonia; Ukraine; Tuva Autonomous Province)
"Stone age man in the Sakazhia Cave [in Georgian]" by G. K. Nioradze. Reviewed by N. Z. Berdzenishvili. (Kiladze). Trudy Inst. ist. AN Gruz. SSR 1:487-491 '55.

MANAGEMENT, INDUSTRIAL see Industrial management

MANAGEMENT OF FACTORIES see Factory management

MANCHURIA—NUMISMATICS
The circulation of money in Manchuria and the Maritime Territory from antiquity to the Mongolian invasion. M. V. Vorob'ev. Epig. Vost. no. 11:83-94 '56.

MANCISIDOR, JOSÉ, 1904-
People during years of terror ("Maria Kalmiova told me this" [in Spanish]) by Jose Mancisidor. Reviewed by V. Kuteishchikova). Inostr. lit. no. 11:202-203 N '56.

MANGANESE
Amount of mobile forms of the trace elements manganese in various soils of the Ukrainian S. S. R. P. A. Vlasiuk, L. D. Lendenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:178-206 '51.

MANGANESE—EFFECT ON PLANTS see Plants, Effect of manganese on

MANGANESE—SPECTRA
Relative magnitudes of vibration forces in the spectra of titanium and manganese. IU. I. Ostrovskii, G. F. Parchevskii, N. P. Penkin. Opt. i spektr. 1 no. 8:821-832 N '56.

MANGANESE CARBONATES—MAGNETIC PROPERTIES
Magnetic properties of cobalt and manganese carbonates. A. S. Borovik-Romanov, M. P. Orlova. Zhur. eksp. i teor. fiz. 31 no. 4:570-582 O '56.

MANGANESE-IRON ALLOYS see Iron-manganese alloys

MANGANESE OXIDES see subdivision under Nikopol'

MANGANESE SULFIDES
The thermal study of MnS. Lubor Zak. Min. sbor. no. 10:212-227 '56.

MANGE see Scabies

MANGYSHLAK PENINSULA—PETROLEUM
Petroleum from the Tyubedzhik region on the Mangyshlak Peninsula. A. I. Bogomolov. Trudy VNIGRI no. 95:397-399 '56.

MANNHEIM, GERMANY—MOTION-PICTURE FESTIVALS
Festival in Mannheim. V. Oa'minin. Isk. kino no. 10: 101-102 O '56.

MANOMETER
Conference on experimental techniques and methods used in high temperature research. A. F. Gusakov. Priborostroenie no. 10:26-27 O '56.
The new DGM-4 depth manometer. A. V. Markov-Osorgin, I. Kh. Sabirov. Neftianik 1 no. 11:23 N '56.
Theory of the ionization manometer. L. P. Khavkin. Zhur. tekh. fiz. 26 no. 10:2356-2360 O '56.

MANPOWER see Labor supply

MANUAL TRAINING
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Work training in kindergartens; practical experience] Trudovoe vospitanie v detskom sadu; iz opyta raboty. Pod red. V. G. Nechaevoi. Moskva, 1956. 76 p. (Pedagogicheskie chteniia)

MANUFACTURES see subdivision under Russia

MANURE SPREADERS see Fertilizer spreaders

MANURES see Fertilizers and manures

MANUSCRIPTS see subdivision under Moscow

MAPPING, CONFORMAL see Conformal mapping

MAPS, GEOLOGICAL see Geology—Maps

MAPS, HISTORICAL see Geography, Historical—Maps

MARDASHEV, SERGEI RUFOVICH, 1900-
Sergei Rufovich Mardashev; on his 50th birthday and 26th anniversary of his scientific and pedagogical work. Vop. med. khim. 2 no. 5:393-394 S-O '56.

MARINE BIOLOGY see subdivision under Bering Sea; Okhotsk, Sea of

MARINE BOILERS see Boilers, Marine

MAR'INKA DISTRICT—COLLECTIVE FARMS
Mar'inka millions; a feature story. IA. Tumarkin. Ukraina no. 21:22-23 N '56.

MARIONETTES see Puppets and puppet plays

MARITIME TERRITORY—LONGEVITY
Centenarians deserve our esteem. V. Shumova. Ogonek 34 no. 48:30 N '56.

MARITIME TERRITORY—NUMISMATICS
The circulation of money in Manchuria and the Maritime Territory from antiquity to the Mongolian invasion. M. V. Vorob'ev. Epig. Vost. no. 11:83-94 '56.

MARKA-KUL' REGION—TREMATODA
Brachylecithum rodentini, a new liver parasite of rodents. A. I. Agapova. Trudy Inst. zool. AN Kazakh. SSR 3:118-120 '55.

MARKETING OF FRUIT see Fruit—Marketing

MARKUS, LEV MARKOVICH, 1881-1956
In memory of L. M. Markus. Vest. ven. i derm. 30 no. 5:84 S-O '56.

MARMAROSHSKIY MASSIF—HORNBLENDE
Hornblende from amphibolites of the Marmaroshskiy massif. M. P. Gibinet. Min. sbor. no. 5:352-355 '51.

MARMOTS see subdivision under Alma-Ata Province

MARNEULI DISTRICT—SHEEP
For further increase in the productivity of sheep. V. Chubinidze. Ovtsevodstvo no. 10:47 O '56.

**MARRIAGE**

Wedding on a collective farm. Ch. Mezlo. Kolkh. Byt, 4 no.6 11-13g '58.

**MARROW**

Effect of ionizing radiation on bone marrow cells of mice. I. P. Klyuchantseva and others. Zhur. eksp. biol. i med. 47 no.5:140-144 My '59.

Histological picture of bone marrow in healthy marmots and in those affected by plague. N. I. Smirnov. Izv. Irkut. gos. nauch.-issl. protivochum. in-ta 20:69-84 '58.

In vivo examination of bone marrow in domestic animals and the scientific and practical significance of this method. S. I. Smirnov. Zhur. obshch. biol. 22,364-372 '61.

**MARS (PLANET)**

Adaptability of animal organisms to environment and the limits of life. I. S. Shklovskii. Trudy Sekt. metodol. AN Kazakh. SSR 2:21-31 '55.

Addendum by A. M. Lyapidevskii and others. Trudy Sekt. metodol. AN Kazakh. SSR 4:301-307 '57.

Comparing spectral intensity curves of Martian areas and of some terrestrial plants. K. I. Kuzkova. Trudy Sekt. metodol. AN Kazakh. SSR 3:104-111 '56.

Conceptualization of information on the nature of Mars. Ye. N. Cyklonenko. Trudy Sekt. metodol. AN Kazakh. SSR no.4:44-54 '55.

Current tasks in astronomical observations of Mars and other planets. V. V. Sharonov. Trudy Sekt. metodol. AN Kazakh. SSR 4:3-10 '59.

In the calculation of the vegetation on Mars related to V. G. Fesenkov's article. A. P. Kuiper. Trudy Sekt. metodol. AN Kazakh. SSR 3:239-241 '56.

Life in the universe. G. A. Tikhov. Trudy Sekt. metodol. AN Kazakh. SSR 3:3-10 '56.

Mars' opposition at perihelion. V. Prabhavalka. Biuraka 33 no.11:31 N '56.

Observations of Mars in 1950. N. I. Kozhevnikov. Trudy Sekt. metodol. AN Kazakh. SSR 1:48-54 '55.

Observations of Mars in 1954. N. I. Kozhevnikov. Trudy Sekt. metodol. AN Kazakh. SSR 2:13-20 '55.

On academician V. G. Fesenkov's article "Aspects of vegetation on Mars." I. P. Gudoshnikov. Trudy Sekt. metodol. AN Kazakh. SSR 3:485-488 '57.

The planet Mars as a possible bearer of life. G. A. Tikhov. Trudy Sekt. metodol. AN Kazakh. SSR 1:10-31 '55.

Possibilities of vegetation on Mars. A. N. Krishtofovich. Trudy Sekt. metodol. AN Kazakh. SSR 1:7-18 '55.

Possibility of life on Mars. A. A. Sorkin. Trudy Sekt. metodol. AN Kazakh. SSR 1:232-271 '55.

Problems of the respiration of plant organisms on Mars. I. P. Gudoshnikov. Trudy Sekt. metodol. AN Kazakh. SSR 3:91-101 '56.

Spectrophotometric study of chlorophyll absorption bands in connection with the problem of remote evaluation of the photosynthesis. N. I. Nikolaev, F. S. Fatokhin. Trudy Sekt. metodol. AN Kazakh. SSR 3:31-41 '56.

Surface features on Mars. I. V. Ivanov. Trudy Sekt. metodol. AN Kazakh. SSR 1:66-81 '55.

Temperature and atmospheric circulation on Mars. I. V. Ivanov. Trudy Sekt. metodol. AN Kazakh. SSR 1:81-92 '55.

Using an objective prism for determining the spectral brightness of Mars. I. V. Ilingolevskii, N. I. Kozlova. Trudy Sekt. metodol. AN Kazakh. SSR 3:17-30 '56.

**MARS (PLANET)--OPPOSITION, 1954**

Visual observations of Mars during the opposition in 1954. N. I. Kozhevnikov. Biul. Astron. observ. Kaz. no.20:37-40 '56.

**MARSH TEA**

Studying the physiological action of marsh tea. N. N. Uvarov'ska. Biul. eksp. biol. i med. no.10:11-13 '58.

[illegible]

of the Central Committee of the Communist Party of the Soviet Union. A. M. Sergeev, A. I. Ivanov. Vop. filos. no.5:187-189 '55.

Categories of "thing" and "relation" in K. Marx's "Capital." I. A. Manzhosin. Vop. filos. no.5:45-52 O '56.

The index method in K. Marx's works. N. E. Lavrova. Nauch. zap. Len. fin.-ekon. inst. no.9:3-15 '51.

Statistics in the correspondence between K. Marx and F. Engels; bibliographical information. N. N. Sventsov. Nauch. zap. Len. fin.-ekon. inst. no.9:116-119 D '56.

**MASONRY**

Masonry work. A. Bokarev. Stroitel' 3 no.8:23 Ag '57.

Pirogov, N.D., and I.I. Kovalevskii. Masonry and brick-laying [Kamenaya i kirpichnaya rabota]. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 239 p.

**MASS TRANSFER**

Thermodynamic [illegible] for [illegible] concentrations in boundary layers. [illegible] Zhur. tekh. fiz. 28 no.10:2257-[illegible]

**MASTITIS see DAIRY INDUSTRY**

**MATCHMAKING**

Matches, accessories for [illegible] no.12:30 D '57

**MATERIALS**

Improve the organization [illegible] equipment. [illegible] No.[illegible]:[illegible]

**MATERIALS--TESTING**

Determining [illegible] Zavod. lab. 24 no.8:[illegible] [illegible] of [illegible] [illegible] apparatus no.11:52-53 '58. (MIRA)

Developments [illegible] site specialization [illegible] 959-960 '58.

**MATERIALS TESTING--PHOTOGRAPHY see Photography Materials testing**

**MATERIALS, MAGNETIC see Magnetic materials**

**MATERIALS, REFRACTORY see Refractory materials**

**MATHEMATICAL PHYSICS**

An application [illegible] Zhur. eksp. i teor. fiz. 31 no.6:[illegible] Akustika [illegible] 1956. (MIRA 11:12)

Variational [illegible] of Mathematics [illegible] 11 no.3:[illegible] (MIRA 11:6)

**MATHEMATICAL STATISTICS**

Computation of statistical characteristics [illegible] N. S. Demidova. Mat. sbor. 39 no.4:[illegible] Application [illegible] statistics [illegible] 1956. (MIRA 10:2)

**MATHEMATICS**

Abstracts and [illegible] Mathematics [illegible] statistics, [illegible] methods, and applications] Abstrakty, [illegible] formulas, [illegible] matematiki, [illegible] obra.

Vol. 1. 1958. 291 p.
Vol. 2. 1958. 302 p.
Vol. 3. 1958. 196 p.

Reviews. Vol. 1 [A survey of higher mathematics] Obzory vysshei matematiki. Red. 1 [illegible] Moskva, Gos. izd-vo fiziko-matem. lit-ry. 1958. 271 p.

**MATHEMATICS see Biography; Mathematics**

**MATHEMATICS--BIBLIOGRAPHY see Russia**

**MATHEMATICS--HISTORY**

Some problems in the history of the theory of analytic functions. N. N. Pekarev. Trudy Inst. ist. est. i tekh. 19:[illegible] 1958. (MIRA 11:9)

V. V. Stepanov and his works on the history of mathematics. V. P. Zubov. Trudy Inst. ist. est. i tekh. 19:[illegible] 1958. (MIRA 11:9)

**MATHEMATICS--PROBLEMS, EXERCISES, ETC.**

Sarycheva, T. M. [A collection of problems in higher mathematics for technical schools] Sbornik zadach po vysshei matematike dlia tekhnikumov. Pod red. D. V. Beklemishcheva. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1957. 132 p.

**MATHEMATICS--STUDY AND TEACHING**

Chistiakov, V. D. [Mathematics manuals in extension schools, a teacher's manual] Matematicheskie rukovodstva v zaochnykh shkolakh; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1958. 87 p. (In cyrillic characters)

Lavrikov, P. A. [Supervisor's instruction work in secondary school mathematics] Rukovodstvo v vne-urochnoi rabote po matematike v srednei shkole. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1958. 98 p. (Shornik metodicheskikh kratkikh statei)

**MATHEMATICS, GREEK**

Infinity in ancient Greek mathematics. B. Bol'tsano. Trudy Inst. ist. est. i tekh. 19:223-227 '58

**MATERIALS**

Approximate calculation of the strength of free frames by the method of changing the centers of coordinates to a center of radial structure. Sh. M. Gokhman. Trudy TASHIIT no.5:201-205 '56.

Characteristic matrix functions of linear operators. M. S. Brodskii. Mat. sbor. 39 no.2:179-210 Ap '56

One variant in solving a system of linearized matrix equations. Sh. M. Gokhman. Trudy TASHIIT no.5: 201-204 '56.

**MATTER**

Experiments illustrating the law of M. V. Lomonosov. Fiz. v shkole 18 no.5:65-67 S-O '58.

**MAYAK**

MECHANICS
(see also subdivision under Russia)
Artsybyshev, S. A. [A course in physics] Kurs fiziki. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR.
Pt. 1. [Mechanics and heat] Mekhanika i teplota. 1956. 094 p.
Establishment of a National Committee of the U. S. S. R. on theoretical and applied mechanics. Vest. AN SSSR 26 no. 11:100 N '56.
[Mechanics; translations and surveys of foreign periodical literature] Mekhanika 7 no. 6 '56. 156 p.
Perel'man, IA. I. [Mechanics made interesting] TSikava mekhanika. Kyiv, Derzh. vyd-vo tekhnichnol lit-ry URSR, 1956. 103 p. (Naukovo-populiarna bibliioteka)

MECHANICS—ELECTRIC ANALOGIES see Electromechanical analogies

MECHANICS, ANALYTIC
Graphic determination of influence numbers for stresses in elements of three-dimensional rod systems. IU. M. Zingerman. Trudy Khab. IIT no. 9:182-191 '56.
Special cases of resolution of sliding vectors into components. G. K. Fedorov. Trudy Khab. IIT no. 9:174-181 '56.

MECHANICS, CELESTIAL
Radiants of the comets. E. N. Kramer. Trudy Inst. fiz. i geofiz. AN Turk. SSR 1:6-72 '55.

MECHANIZATION IN AGRICULTURE see Farm mechanization

MECHNIKOV, IL'IA IL'ICH, 1845-1916
I. I. Mechnikov's letter to I. P. Pavlov. Izv. AN SSSR, Ser. biol. no. 5:100-100 S-O '56.

MECHNIKOV, LEV IL'ICH, 1838-1888
L. I. Mechnikov's struggle against Malthusian theories, social Darwinism, and racism. V. M. Romanenko. Vop. filos. no. 6:100-105 '56.

MEDALS see subdivision under Leningrad

MEDIASTINUM—SURGERY
Surgical removal of a tumor of the posterior mediastinum. I. S. Poleshchuk. Khirurgiia. 32 no. 8:77-78 Ag '56.

MEDIASTINUM—TUMORS
Pathognomic symptoms of dermoid cysts and teratomata of the mediastinum. B. IA. Luk'ianchenko. Khirurgiia. 32 no. 8:29-31 Ag '56.

MEDICAL CARE, INDUSTRIAL see Labor and laboring classes—Medical care

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS
Basic problems in finishing surfaces of medical instruments. IU. F. Kabatov. Med. prom. no. 2:10-12 Ap-Je '55.
Duodenal exploration. A. I. Kurembina. Med. sestra 15 no. 10:19-20 O '56.
Galvanic coating of aluminum and aluminum alloys. V. A. Il'in. Med. prom. no. 2:12-15 Ap-Je '55.
Group conferences of efficiency workers and inventors of plants of the medical instruments industry. N. F. Chugunova. Med. prom. no. 4:46 O-D '55.
Remarks on new foreign medical apparatus. IU. F. Kabatov. Med. prom. no. 4:40-43 O-D '55.
Twenty-sixth All-Union Congress of Surgeons. A. M. Gesselevich. Med. prom. no. 2:47 Ap-Je '55.

MEDICAL INSTRUMENTS AND APPARATUS—PERIODICALS
Conference of readers of "Meditsinskaia promyshlennost' SSSR" at the Karpov Plant. S. I. Khozak, P. V. Shatskova. Med. prom. no. 3:47-48 Jl-S '55.

MEDICAL JURISPRUDENCE
Avdeev, M. I. [Forensic medicine] Sudebnaia meditsina. Izd. 4-oe, peror. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1953. 619 p.

MEDICAL SERVICE EMPLOYEES
Legal consultation. I. IA. Bychkov. Fel'd. i akush. 21 no. 10:59-61 O '56.
Legal consultation. I. IA. Bychkov. Fel'd. i akush. 21 no. 11:55-57 N '56.

MEDICAL STATISTICS see subdivision under Leningrad

MEDICAL SUPPLIES
Conference of workers of the medical supplies industry. G. N. Rozanov. Med. prom. no. 4:44-45 O-D '55.
For new progress in the medical industry. Med. prom. no. 3:3-7 Jl-S '55.
Our task in the struggle for a greater technical progress. P. V. Gusenkov. Med. prom. no. 4:5-7 O-D '55.

MEDICINAL PLANTS see Botany, Medical

MEDICINE
(see also subdivision under Kolomna)
Brief news. Arkh. pat. 18 no. 6:141-142 '56.
When a doctor dreams. Mark Popovskii. V zashch. mira no. 65:78-83 O '56.

MEDICINE—ABSTRACTS
"Abstracts of Soviet medical literature." Vols. 23 and 24: Normal and pathological physiology; biochemistry, pharmacology and toxicology." Reviewed by D. E. Al'pern. Arkh. pat. 18 no. 6:124-125 '56.
[Abstracts of Soviet medical literature: Internal diseases.] Sovetskoe meditsinskoe referativnoe obozrenie: Vnutrennie bolezni no. 24 '56.
[Abstracts of Soviet medical literature: Normal and pathological physiology, biochemistry, pharmacology, and toxicology.] Sovetskoe meditsinskoe referativnoe obozrenie: Normal'naia i patologicheskaia fiziologiia, biokhimiia, farmakologiia i toksikologiia no. 28 '56.

MEDICINE—CONGRESSES see subdivision under Leningrad

MEDICINE—DICTIONARIES
Publication of the Great Medical Encyclopedia. Urologiia 21 no. 2:99 Ap-Je '56.

MEDICINE—HANDBOOKS, MANUALS, ETC.
Further remarks on the "Medical reference book for feldshers." S. S. Negrebetskii. Fel'd. i akush. 21 no. 10:62 O '56.

MEDICINE—STUDY AND TEACHING see subdivision under China

MEDICINE, PSYCHOSOMATIC—PERIODICALS
New foreign psychosomatic journal ("Journal of Psychosomatic Research." Reviewed by V. M. Morozov). Zhur. nevr. i psikh. 56 no. 10:939-942 O '56.

MEDICINE, VETERINARY see Veterinary medicine

MEDVEDITSA VALLEY—PALEONTOLOGY, STRATIGRAPHIC
Stratigraphic significance of the group Chorlaitles mosquensis Fischer in the middle Carboniferous of the Don-Medveditsa Upland. S. V. Semikhatova. Trudy VNIGNI no. 7:73-116 '56.

MELBOURNE—OLYMPIC GAMES
First medals. A. Sofronov. Ogonek 34 no. 49:28-29 D '56.
Hot days in Melbourne. A. Sofronov. Ogonek 34 no. 48: 4-5 N '56.
In the first days. Sov. Soiuz no. 12:40 D '56.
Two great goals for athletes: Melbourne and Moscow. R. Lisitgurskii. Mol. mira no. 10:11 '56.

MENDELEEV, DMITRII IVANOVICH, 1834-1907
D. I. Mendeleev's struggle against idealism and religious prejudice. V. I. Prokof'ev. Khim. v shkole 11 no. 6:18-24 N-D '56.
D. I. Mendeleev's works on the theory of atoms and molecules from 1856 to 1859. S. A. Shchukarev, R. B. Dobrotin. Trudy Inst. ist. est. i tekh. 12:3-11 '56.

MENDEL'SON, N.
"Ryzhik and Tiapa" by N. Mendel'son. Reviewed by M. A. Uvarova. Doshk. vosp. 29 no. 11:47-48 N '56.

MENINGES—TUBERCULOSIS
Disorders of higher nervous activity in children in tuberculous meningitis. IU. A. IAkunin. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:299-314 '56.

MENTAL SUGGESTION
Hypnosis and suggestion. IU. B. Rozinskii. Zdorov'e 2 no. 12:1-3 D '56.

MEORE-ATARA—BIRTHWORT, FOSSIL
A new birthwort species in the Pliocene flora of Meore-Atara. A. Kolakovskii. Bot. zhur. 41 no. 8:1200-1207 Ag '56.

MERCAPTO GROUPS
Role of the sulfhydryl groups in the contractions of the heart muscle according to experiments with radioactive silver. T. M. Turpaev, M. G. Usynina. Biofizika 1 no. 1:38-42 '56.

MERCHANDISE, DISPLAY OF see Display of merchandise

MERCHANT MARINE
Brief news on competition; figures and facts. Blok. agit. vod. transp. no. 22:46-3 of cover N '56.
Loading causes damage to the State. A. Tereshchenko. Blok. agit. vod. transp. no. 21:10-14 N '56.
Socialist competition among sailors and rivermen in order to fulfill the first year's work of the sixth five-year plan ahead of schedule; figures and facts. Blok. agit. vod. transp. no. 21:43-45 N '56.

MERCHANT MARINE—SAFETY MEASURES
For safe and healthy working conditions. P. Ipatov. Blok. agit. vod. transp. no. 22:1-7 N '56.

MERCURY
Colorimetric determination of mercury using methyl violet. M. P. Anan'evskaia, V. I. Petrashen'. Nauch. trudy NPI 26:248-251 '55.

MERCURY-ARC RECTIFIERS
Experimental determination of the efficiency coefficient for cascade asynchronous motors with mercury rectifiers. F. I. Cherniavskii. Nauch. trudy NPI 26:321-324 '55.

MERCURY-CADMIUM ALLOYS see Cadmium-mercury alloys

MERCURY SELENIDE
Stability of the crystal structure of HgSe - HgTe solid solution systems. O. D. Elpat'evskaia and others. Zhur. tekh. fiz. 26 no. 10:2154-2156 O '56.

MERCURY TELLURIDE
Stability of the crystal structure of HgSe - HgTe solid solution systems. O. D. Elpat'evskaia and others. Zhur. tekh. fiz. 26 no. 10:2154-2156 O '56.

MERKULOV, FEDOR ALEKSANDROVICH, 1900-1956
Fedor Aleksandrovich Merkulov. I. Bardin and others. Koks i khim. no. 7:62 '56.

MESENTERY—BLOOD SUPPLY
Impairment of blood circulation in the mesentery. A. A. Kalendarev. Vest. khir. 77 no. 10:106-110 O '56.
Observation of a case of thrombosis of the mesenteric vessels. A. S. Rusinov. Vest. khir. 77 no. 10:111-113 O '56.

MESENTERY—DISEASES
Diagnosis and treatment of acute mesenteric lymphadenitis. K. I. Kuskova. Vest. khir. 77 no. 10:92-95 O '56.

MESONS
Chain systems in mesons fields. I. S. Arzhanykh. Dokl. AN SSSR 110 no. 3:351-354 S '56.
Consequences of renormalization in quantum electrodynamics and meson theory. V. V. Sudakov. Zhur. eksp. i teor. fiz. 31 no. 4:729-731 O '56.
Dispersion correlations for -meson photoproduction reactions. A. A. Logunov, B. M. Stepanov. Dokl. AN SSSR 110 no. 3:366-371 S '56.
Elastic (p-p) scattering and the characteristics of $\pi$-meson-nucleon interactions. L. M. Soroko. Zhur. eksp. i teor. fiz. 31 no. 4:699-701 O '56.
Formation of positive $\pi$-mesons by 660 Mev protons in hydrogen. A. G. Meshkovskii and others. Zhur. eksp. i teor. fiz. 31 no. 4:560-564 O '56.
Interaction of $\pi^-$-mesons with lead, copper, carbon, and beryllium nuclei. A. E. Ignatenko and others. Zhur. eksp. i teor. fiz. 31 no. 4:545-549 O '56.
Interaction of negative $\pi$-mesons and helium nuclei at 300 Mev energies. M. S. Kozodaev and others. Zhur. eksp. i teor. fiz. 31 no. 4:701-703 O '56.
Mean excitation energy of fissionable uranium nuclei in the process of absorption of slow $\pi^-$-mesons. N. S. Ivanova. Zhur. eksp. i teor. fiz. 31 no. 4:693-694 O '56.
Meson component of cosmic radiation at an altitude of 3200 m. above sea level. N. M. Kocharian and others. Zhur. eksp. i teor. fiz. 30 no. 2:243-247 F '56.
Meson theory as a basis for calculating anomalous magnetic moments. L. L. Atom. energ. no. 4:169-170 '56.
Nucleon-meson dynamics in strong coupling. Part 1. Approximate method. Spin-charge motion. S. I. Pekar. Zhur. eksp. i teor. fiz. 30 no. 2:304-315 F '56.
Nucleon-meson dynamics in strong coupling. Part 2. Ground and isobaric states, charge and spin of the nucleon. V. N. Baier, S. I. Pekar. Zhur. eksp. i teor. fiz. 30 no. 2:317-329 F '56.
Theory of meson fields. Part 3. Conservation of the physical quantities. A. A. Borgardt. Zhur. eksp. i teor. fiz. 30 no. 2:330-333 F '56.

MESONS—SCATTERING
Asymptotic theory of meson-meson scattering. I. T. Diatlov, K. A. Ter-Martirosian. Zhur. eksp. i teor. fiz. 30 no. 2:416-419 F '56.
Dispersion correlations for $\pi$-meson scattering by deuterons. B. L. Ioffe, I. IA. Pomeranchuk, A. P. Rudik. Zhur. eksp. i teor. fiz. 31 no. 4:712-713 O '56.
Dispersion correlations for scattering and photoproduction. B. L. Ioffe. Zhur. eksp. i teor. fiz. 31 no. 4:583-585 O '56.
Estimate of the $\pi^+$-p-scattering cross section from the $\pi^-$-p-scattering cross section near resonance. IU. A. Gol'fand. Zhur. eksp. i teor. fiz. 30 no. 2:413-414 F '56.
Scattering of $\pi^+$-mesons by hydrogen. Part 2. Evaluation and interpretation of results. A. I. Mukhin, B. Pontekorvo. Zhur. eksp. i teor. fiz. 31 no. 4:550-559 O '56.

METABOLISM
Energy expenditure in students of trade schools (machinists). S. I. Tret'iakova. Vop. pit. 15 no. 6:22-25 N-D '56.

METABOLISM (Continued)
Protein metabolism in animal organisms at different functional stages of the central nervous system. N. G. Belen'kii, M. F. Meshcheriakova. Dokl. Akad. sel'khoz. 21 no. 11:23-28 '56.
Role of ACTH and cortisone in the compensation of disorders of certain phases of metabolism. S. M. Leites. Arkh. pat. 18 no. 6:45-52 '56.

METABOLISM—STUDY AND TEACHING
Method for conducting classes on metabolism. E. P. Fomina. Est. v shkole no. 6:42-46 N-D '56.

METABOLISM, DISORDERS OF
"Diseases of the endocrine system and metabolism" by V. G. Baranov. Reviewed by M. N. Egorov, K. M. Prostiakov. Vop. pit. 15 no. 6:56-59 N-D '56.

METAL CUTTING
Characteristics of surface layer formation in machining steel workpieces. G. P. Grigorian. Sbor. nauch. trud. ErPI no. 10:39-52 '56.
Effect of cutting conditions on the durability of machine parts subjected to repeated static loads. M. E. Vartanian. Sbor. nauch. trud. ErPI no. 10:73-85 '56.
Investigating the temperature fields in metals during cutting. I. A. Morozov. Trudy MAI no. 70:19-43 '56.
Relation of longitudinal shrinking of shavings to shrinking in width and depth during metal cutting. IU. S. Sharin. Trudy Ural. politekh. inst. no. 50:95-117 '56.
Rozenberg, A. M., and A. N. Eremin. [Elements of the theory of the process of metal cutting] Elementy teorii protsessa rezaniia metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 318 p.
Shrinking of shavings in case of wide-range variations in feeding and cutting depths. IU. S. Sharin. Trudy Ural. politekh. inst. no. 50:69-94 '56.
Tishin, S. D. [Formulas for basic machine working time with metal cutting machines] Formuly osnovnogo tekhnologicheskogo (mashinnogo) vremeni raboty na metallorezhushchikh stankakh; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 109 p.
Unanov, B. T. [High-speed metal cutting with large feed] Opyt skorostnogo rezaniia metallov pri bol'shikh podachakh. Baku, Azneftetzdat, 1955. 44 p. (Biblioteka novatora-neftianika)
[MICROFILM]

METAL-CUTTING TOOLS see Cutting tools

METAL INDUSTRIES
Establishing consumption norms ways to economize on metals in the national economy. V. Surikov. Plan. khoz. no. 5:29-40 '56.

METAL INDUSTRIES—SAFETY MEASURES
Experience in the prevention of eye injuries in the metalworking industry. I. M. Naiman, B. D. Kleiba. Vest. oft. 69 no. 5:26-32 S-O '56.

METAL ROLLING see Rolling (Metalwork)

METAL SPRAYING
Problem of determining the strength of adhesion between coating and base in restoring locomotive parts by the method of metal spraying. A. F. Troitskii. Trudy TASHIIT no. 5:82-102 '56.
Using electric metal spraying in the repair of metal-cutting machines. B. I. Krupskii, L. P. Gluzman. Stan. i instr. 27 no. 10:32-33 O '56.

METALLOGRAPHY
Critical remarks on Williamson and Smallman's paper "The use of Fourier analysis in the interpretation of X-ray line broadening from cold-worked iron and molybdenum." B. IA. Pines. Zhur. tekh. fiz. 26 no. 10:2387-2388 O '56.
Fractographic method for controlling the quality of heat treatment. Z. N. Krasil'shchikov, E. N. Shvach. Zav. lab. 22 no. 9:1056-1061 '56.
X-ray analysis of second and third-type residual strains in the deformed surface zone of metals machined by milling. IU. S. Terminasov, L. V. Tuzov. Uch. zap. Ped. inst. Gerts. 125:3-20 '56.
X-ray analysis of steel fatigue. E. A. Mamontov. Uch. zap. Ped. inst. Gerts. 125:31-48 '56.
X-ray analysis of the quality of ground and finish-turned metal surfaces. IU. S. Terminasov, A. G. IAkhontov, A. V. Poltavskii. Uch. zap. Ped. inst. Gerts. 125:49-54 '56.

METALLURGICAL ANALYSIS
Brief news. Zav. lab. 22 no. 9:1044 '56.
Study of conditions for the separation of zinc and cobalt from aluminum and iron with tracer control. IU. V. Morachevskii, Z. S. Bashun. Izv. AN SSSR, Otd. khim. nauk no. 10:1185-1196 O '56.

METALLURGICAL FURNACES
Diomidovskii, D. A. [Furnaces for nonferrous metallurgy; construction, analysis, theory, calculation] Pechi tsvetnoi metallurgii; konstruktsii, issledovanie, teoriia, raschet. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 459 p.
The furnace theory in nonferrous metal industries. D. A. Diomidovskii. TSvet. met. 29 no. 10:19-31 O '56.
Optimum parameters for shaft furnaces being used in nonferrous metal industries. A. M. Davidson. TSvet. met. 29 no. 10:31-34 O '56.

METALLURGICAL PLANTS
(see also subdivision under Krivoy Rog)
Mechanized processing and malleable cast iron after tempering. V. IA. Brianskii. Sel'khozmashina no. 11: 30-31 N '56.
Walls of industrial buildings made of cast elements. V. Babaev. Stroitel' 2 no. 2:3-4 F '56.

METALLURGICAL RESEARCH
Improve the work of the Krivoy Rog scientific research and construction organizations. A. K. Sidorenko. Gor. zhur. no. 10:15-18 O '56.
Organizing scientific research requested by industry in schools of higher learning. S. V. Bessonov. TSvet. met. 29 no. 10:1-5 O '56.

METALLURGY
Monopolistic organizations and the Committee on the Metallurgy Industry. K. N. Tarnovskii. Ist. zap. no. 57:80-143 '56.
Pazukhin, V. A., and A. IA. Fisher. [Vacuum in metallurgy] Vakuum v metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 520 p.
[Problems of contemporary metallurgy; translations and surveys of foreign periodical literature] Problemy sovremennoi metallurgii 5 no. 6 '56. 147 p.
Surface phenomena in pyro- and electrometallurgic processes. A. I. Beliaev. Usp. khim. 25 no. 10:1282-1293 O '56.

METALLURGY—CONGRESSES
Scientific and technical conference of workers employed by the plant laboratories of the city of Rostov. Kh. N. Dement'ev. Zav. lab. 22 no. 9:1135 '56.

METALLURGY—STUDY AND TEACHING
Diploma research projects. L. N. Antipin. Vest. vys. shkoly 14 no. 11:52 N '56.
In the Ministry of Higher Education. Vest. vys. shkoly 14 no. 11:56 N '56.
Training specialists in the automatization of metallurgical production. M. A. Glinkov, V. IU. Kaganov. Vest. vys. shkoly 14 no. 11:5-8 N '56.

METALS
Natanov, B. S. [Metals] Metallovedenie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 343 p.

METALS—ANALYSIS
Determination of magnesium in the presence of nickel, cobalt, zinc, copper, and manganese. Sh. T. Talipov, A. T. Tashkhodzhaev. Trudy SAGU no. 55:145-149 '54.
Determining minute amounts of mineral oils in organic solvents and on the surface of metal parts. B. D. Luft, E. S. Sher. Zav. lab. 22 no. 7:784-787 '56.
Determining precious metals with ionites. A. B. Davankov, V. M. Laufer. Zav. lab. 22 no. 7:788-789 '56.
Improvements in the determination of gases in metals by the method of vacuum melting. A. G. Atlasov. Zav. lab. 22 no. 7:795-801 '56.
Photocolorimetric determination of phosphorus in the presence of tungsten, titanium, and niobium. E. I. Nikitina. Zav. lab. 22 no. 9:1027-1030 '56.
Powerful magnetic defect detectors with smooth current regulation. P. G. Mikhnevich. Zav. lab. 22 no. 7:860-862 '56.
Reaction for the detection of thallium in ores, industrial waste products and concentrates. K. P. Stoliarov, N. N. Grigor'ev. Zav. lab. 22 no. 9:1030-1032 '56.

METALS—CORROSION see Corrosion and anticorrosives

METALS—DEEP DRAWING see Deep drawing (Metalwork)

METALS—EXTRUSION see Extrusion (Metals)

METALS—FINISHING
Working hard-alloy microsections without using diamonds. I. K. Trushin. Zav. lab. 22 no. 7:810-811 '56.

METALS—HARDENING
Effect of cold hardening on the broaching of heat-resisting metals. N. F. Pronkin. Stan. i instr. 27 no. 10:29-31 O '56.

METALS—HEAT TREATMENT
Determining the duration of processing time of materials in the refinery by the method of radioactive indicators. V. F. Kniazev, O. V. Travin. Zav. lab. 22 no. 9:1071-1072 '56.

METALS—TESTING
Bend test for samples with stress concentration elements. E. S. Volokhvianskaia. Zav. lab. 22 no. 9:1095-1098 '56.
Cold bend tests. B. A. Semin. Zav. lab. 22 no. 9:1098-1099 '56.
Impact tests for agricultural machinery parts. A. A. Gafanovich, I. P. Rabinovich. Sel'khozmashina no. 11: 27-29 N '56.
Interferential microscope for measuring thin coatings and the phase shift. M. P. Lisitsa, N. G. TSvelykh. Zav. lab. 22 no. 9:1072-1075 '56.
Metallic test pieces with various stress concentration elements in static and impact torsion tests. N. G. Mikhailichenko. Zav. lab. 22 no. 9:1081-1086 '56.
Method for measuring stresses and small deformations during tensile impact testing. IU. IA. Voloshenko-Klimovitskii. Zav. lab. 22 no. 9:1090-1094 '56.
Operation of resonance-type fatigue machines. S. I. IAtskevich, N. A. Balabanov. Zav. lab. 22 no. 7:858-860 '56.
Simplified relaxation tests for metals and alloys. IA. S. Gintsburg. Zav. lab. 22 no. 7:84--845 '56.
Supersonic method for investigating lamination of metal sheets. P. P. Khramov, F. V. Prorokov. Zav. lab. 22 no. 9:1065-1068 '56.
Third stage of stress relaxation in metals. Zav. lab. 22 no. 7:845-849 '56.
Wear resistance of metal in fire-tube boilers. M. I. Efimov. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:52-58 '54.

METALS, POWDERED see Powder metallurgy

METALS, RARE AND MINOR
Industry of rare elements abroad. B. I. Kogan. Khim. nauka i prom. 1 no. 5:564-571 '56.
R. I. German's works on chemistry and mineralogy of rare metals. E. P. Libman. Trudy Inst. ist. est. i tekh. 12: 40-54 '56.
Rare elements in modern technology. N. P. Sazhin, G. A. Meerson. Khim. nauka i prom. 1 no. 5:482-486 '56.
Use of ion exchange process for the extraction, separation and purification of rare metals. D. I. Ryabchikov. Khim. nauka i prom. 1 no. 5:554-560 '56.

METALWORK
Nezhevenko, G. S. [My experience with high-speed milling of metals] Moi opyt skorostnoi obrabotki metallov. Kiev, nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1952. 61 p.
[MICROFILM]

METALWORKING MACHINERY
Mechanization and automation in manufacturing electric motors at the "Vol'ta" Plant. A. I. Frishman, M. V. Prokhorov. Vest. elektroprom. 27 no. 11:17-21 N '56.
Modernization of metalworking machines; a note. V. I. Aliushinskii. Energomashinostroenie no. 11:24 N '56.
Some devices used in repairing steam and water fittings. M. I. Imbritskii. Energetik 4 no. 11:37-40 N '56.

METEORITES
Meteorites in studying the cosmogony of the solar system. V. G. Fesenkov. Astron. zhur. 33 no. 5:767-777 S-O '56.

METEORITIC HYPOTHESIS
Meteoritic hypothesis of the origin of comets. P. G. Dukhnovskii. Publ. Kiev. astron. obser. no. 7:13-29 '56.

METEOROLOGICAL OPTICS
Periodicity in changes of optical characteristics of the earth's atmosphere. A. P. Kutyreva. Trudy Sekt. astrobot. AN Kazakh. SSR 3:249-259 '56.

METEOROLOGY
(see also subdivision under Poland; Yugoslavia)
Analogy of fields of meteorological elements. N. A. Bagrov. Trudy TSIP no. 46:40-52 '56.
Analytical representation of fields of meteorological elements. N. M. Kalmykova. Trudy TSIP no. 46: 79-93 '56.
Nasilov, D. N. [Radiometeorology; radio methods in meteorology] Radiometeorologiia; radiometody v meteorologii. Pod red. A. Kh. Khrgiana. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 215 p.
Theoretical analysis of synoptic processes. G. I. Morskoi. Trudy TSIP no. 46:3-39 '56.

METEOROLOGY, AGRICULTURAL
Agrometeorological observatory at the machine-tractor station. A. Basova. MTS 16 no. 10:17 O '56.
Hydrometeorological service for range cattle breeding in connection with driving cattle through mountain passes. A. S. Vichnenko. Meteor. i gidrol. no. 10:53-54 O '56.

METEORS
Daily displacement of the radiants of small showers. V. I. Rodionov. Izv. AN Turk. SSR no. 3:96 '56.
Determining the duration of fall $\tau$ for meteors and telemeteors. A. M. Bakharev. Astron. tsir. no. 171: 26-27 Jl '56.
Length of meteors' flight as function of their brightness. M. A. Ivanin. Izv. AN Turk. SSR no. 5:96 '56.
Physical nature of ultrarapid meteors. V. P. Parelygin. Izv. AN Turk. SSR no. 3:97 '56.
Radiants of the comets. E. N. Kramer. Trudy Inst. fiz. i geofiz. AN Turk. SSR 1:5-72 '56.
Radio communication beyond the horizon by means of reflection from the trails of tiny meteors (from "Electr. J.," 167 no. 6 1956). Elektrosviaz' 10 no. 11:60 N '56.

METEORS (Continued)
Studying a unilateral photo of the meteor of August 12, 1953. Kh. D. Gul'medov. Izv. AN Turk. SSR no. 5:95-96 '56.
Visual observation of a diurnal shower of Aristids V. Shtepan. Astron. tsir. no. 171:26 Jl '56.

METEORS—AUGUST
Orbit of the Zeta Draconid meteoric shower. I. S. Astapovich. Izv. AN Turk. SSR no. 4:95 '56.

METEORS—CATALOGS
Catalogue of telescopic meteors. V. E. Shtepan. Trudy inst. fiz. i geofiz. AN Turk. SSR 1:73-99 '55.

METEORS—FEBRUARY
Orbit of the Gamma Leonid meteoric shower. V. I. Rodionov. Izv. AN Turk. SSR no. 4:95-96 '56.

METERS, ELECTRIC see Electric meters

METERS, GAS see Gas meters

METHACRYLONITRILE
Kinetics of polymerization of acrylic acid and nitryl of metacrylic acid in water solution in the presence of cumene hydroperoxide. T. M. Gritsenko, S. S. Medvedev. Dokl. AN SSSR 110 no. 2:235-237 S '56.

METHIONINE
Effect of acute radiation sickness on the change in methionine absorption by the gastrointestinal tract. N. M. Okulov. Med. rad. 1 no. 5:41-45 S-O '56.
Incorporation of methionine into actomyosin and muscle tissue in chronic lead poisoning [with summary in English]. E. D. Grishchenko, V. V. Nikitenko. Vop. med. khim. 2 no. 5:328-337 S-O '56.

METHOD OF LEAST SQUARES see Least squares

METHYL VIOLET
Colorimetric determination of mercury using methyl violet. M. P. Annin'evskaia, V. I. Petrashen'. Nauch. trudy NPI 26:246-251 '55.
Colorimetric determination of tungsten using methyl violet. A. F. Nemirovskaia, V. I. Petrashen'. Nauch. trudy NPI 26:237-245 '56.

METRAZOLE
Change in the body's reaction to barbiturates and the awakening effect of corazol after total body irradiation. V. N. Isachenko. Med. rad. 1 no. 5:59-64 S-O '56.

MEXICO—MOTION PICTURES
Outstanding master of Mexican movies. Carmen Ayala. Mol. mira no. 10:12-13 '56.

MEXICO—TERRITORIAL WATERS
Conflict over territorial waters. Mezhdunar. zhizn' no. 11:111-112 N '56.

MEZHDURECHIENSK—DESCRIPTION
A city that is not on the map. IA. Merzliakov. Sov. Soiuz no. 12:6-9 D '56.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935
Recollections of personal encounters with I. V. Michurin. L. M. Ro. Sad i og. no. 10:60-61 O '56.
Teaching of the great transformer of nature Ivan Vladimirovich Michurin. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:6-17 '51.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935—BIBLIOGRAPHY see Bibliography—Michurin, Ivan Vladimirovich, 1855-1935

MICKIEWICZ, ADAM, 1798-1855
Bekker, I.I. [Mickiewicz in Petersburg] Mitskevich v Peterburge. [Leningrad] Leningradskoe gazetno-zhurnal'noe i kn-vo, 1955. 104 p. (CU)

MICROBES see Bacteria; Bacteriology

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROBIOLOGY—HISTORY
The role of Kharkov Veterinary Institute in the development of microbiology in Russia. IA. E. Kolinkov. Shor. trud. Khar'. vet. inst. 22:20-38 '54.

MICROCOSM AND MACROCOSM
Expanding the boundaries of our knowledge. Tekh. mol. 24 no. 11:8-11 N '56.

MICRO-ORGANISMS
Decontamination of air in booths by ultraviolet rays. V. V. Vladavets. Lab. delo 2 no. 6:19-20 N-D '56.
Effect of storage conditions on the microflora of cereals. O. P. Pod"iapol'skaia, A. T. Naumova, T. M. Stepanova. Trudy VNIIZ no. 30:79-113 '56.
Effect of temperature and humidity on the number and proportion of micro-organism species in stored millet. V. A. Mirzoeva, O. P. Pod"iapol'skaia. Trudy VNIIZ no. 30:114-123 '56.
How aeration affects the microflora of grain. N. P. Mikhalovskii, O. P. Pod"iapol'skaia. Trudy VNIIZ no. 30:50-78 '55.
How injuries in the seed coats effect the microflora of grain. O. P. Pod"iapol'skaia. Trudy VNIIZ no. 30:41-49 '55.
Method for determining antibiotic sensitivity of microflora isolated from the phlegm of the diseased. M. N. Glazman. Lab. delo 2 no. 6:17-18 N-D '56
Microflora of wheat and changes in it due to humidity and temperature. O. P. Pod"iapol'skaia, V. A. Mirzoeva. Trudy VNIIZ no. 30:13-40 '55.

MICROPALEONTOLOGY see subdivision under Cheleken Peninsula

MICROPHOTOMETER see subdivision under Blurakan

MICRORESPIROMETER see Respirometer

MICROSCOPE
Interferential microscope for measuring thin coatings and the phase shift. M. P. Lisitsa, N. G. TSvelykh. Zav. lab. 22 no. 9:1072-1075 '56.
Simple device for protecting the eyes when using the microscope. L. M. Taftas. Lab. delo 2 no. 6:27 N-D '56.
Soviet microscopes [with summary in English, p. 31]. M. Kozlovskii. Vnesh. torg. 26 no. 10:14-18 O '56.
Use of the ultraviolet microscope for examining the structure of aluminum alloys. I. F. Kolobnev and others. Zav. lab. 22 no. 7:803-804 '56.
Using the microscope for the study of high-temperature processes. I. N. Anikin. Zav. lab. 22 no. 7:805-806 '56.

MICROSCOPY
Application of the immersion method. S. V. Shumilkin. Razved. i okh. nedr 21 no. 3:57-58 My-Je '55.
Expanding the boundaries of our knowledge. Tekh. mol. 24 no. 11:8-11 N '56.

MICROWAVE SPECTROSCOPY
Microwave spectrum of HDSe. V. G. Veselago, A. M. Prokhorov. Zhur. eskp. i teor. fiz. 31 no. 4:731 O '56.

MICRURGY
Miniature trays for separating and selecting microfauna. V. G. Morozova. Vop. mikropaleont. no. 1:70-87 '55.

MIDDLE EASTERN WAR, 1956
Egypt in these days. Nikolai Drachinskii. Ogonek 34 no. 40:25-27 D '56.
Hand off Egypt! F. Seiful'-Muliukov. Blok. agit. vod. transp. no. 22:31-39 N '56.
Hands off Egypt. Sots. Uz. 15 no. 11:4 N '56.
Hands off Egypt. Ukraina no. 22:3 N '56.
Indignant voice of nations. V. Ardatovskii. Krest'ianka 35 no. 12:7-8 D '56.
The peoples rebuffed them. A. Kurov. Rabotnitsa 34 no. 12:6-7 D '56.
Stop aggression in Egypt. M. Merzhanov. Ogonek 34 no. 40:3 N '56.

MIDGES see Diptera

MIGRANT LABOR
Concerning seasonal workers coming from northwestern Iran at the end of the 19th and the beginning of the 20th centuries. N. K. Belova. Vop. ist. no. 10:112-121 O '56.

MIGRATION, INTERNAL
First letters. IUnost' no. 11:68-70 N '56.
History of the colonization of the Northern Caucasus by peasants in the prereform period (1785-1861). A. V. Fadeev. Doki. i soob. Inst. ist. no. 9:167-178 '56.
In virgin lands at home; photos by I. Tunkel'. Ogonek 34 no. 45:24a-24b N '56.

MIGRATION OF BIRDS see Birds—Migration

MIKHAILOV, MAKSIM DORMIDONTOVICH
Moscow, Gosudarstvennyi akademicheskii Bol'shoi teatr. Maksim Dormidontovich Mikhailov. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

MIKHAILOVSKII, NIKOLAI GEORGIEVICH, 1852-1906
N. G. Garin-Mikhailovskii. N. Kuryshева. Lit. v shkole 17 no. 6:77-78 N-D '56.

MILAN—OPERA, RUSSIAN
Musorgskii's operas in Italy. Teatr. 17 no. 10:167 O '56.

MILITARY AIRPLANES see subdivision 'Airplanes, Military' under United States

MILITARY ART AND SCIENCE—HISTORY
Problems in the history of Russian military science ("The history of military science" by A. A. Strokov. Vol. 1: Slaveholding and feudal society. Reviewed by A. N Kochetkov). Vop. ist. no. 8:141-150 Ag '56.

MILITARY BASES, AMERICAN
(see also subdivision under Pacific Area)
Violation of peoples' sovereign rights. M. Lazarev. Mezhdunar. zhizn' no. 10:77-88 O '56.

MILITARY DISCIPLINE
High discipline is a guarantee of success in battle and training. A. Belanovskii. Kryl. rod. 7 no. 8:2-3 Ag '56.

MILITARY HISTORY—PERIODICALS see subdivision under Czechoslovakia

MILITARY MUSEUMS see subdivision under Leningrad

MILIUTIN, IURII SERGEEVICH, 1903-
Medvedev, A.V. IUrii Miliutin. Moskva, Muzykal'nyi fond SSSR, 1956. 38 p.

MILK
Improving quality of milk in collective farm dairy sections. M. Gibshman. Moloch. prom. 17 no. 7:21-22 '56.

MILK—ANALYSIS AND EXAMINATION
How to determine the fat content of milk. Kolkh. Bel. 4 no. 8:33 Ag '56.

MILK—COMPOSITION
Factors influencing the amount of thiamine in milk. R. B. Davidov, L. E. Gul'ko. Izv. TSKhA no. 2:179-196 '56.

MILK—THERAPEUTIC USE
Goat milk for nutritional and therapeutic purposes. M. A. Petrova. Zdrav. Kazakh. 16 no. 10:30-35 '56.

MILK, CONDENSED
Improved crystallization of sweetened condensed milk. I. Kurguzov. Moloch. prom. 17 no. 7:13-14 '56.

MILK, FERMENTED
Sour milk product from camel's milk. N. Kiseleva. Moloch. prom. 17 no. 7:31-33 '56.

MILK SERUM
Removal of "red spots" a micrococcal growth from intestines. K. V. Kalmykov. Shor. trud. Khar'. vet. inst. 22:150-152 '54.

MILK TRADE
(see also subdivision under Voronezh Province)
Procurement of milk from individual collective farmers. V. Varganov, I. Postovskoi. Moloch. prom. 17 no. 7: 8 '56.

MILK TRADE—ACCOUNTING
Simplified accounts for milk procurements. I. Kliashko. Moloch. prom. 17 no. 7:25-27 '56.

MILKING
Milking barns. V. P. Kuznetsov. Sots. tvar. 28 no. 11: 47-50 N '56.

MILKING MACHINES
Machine milking of cows in milking stands. V. Pokhvalenskii. MTS 16 no. 10:35-37 O '56.
Organize mechanized milking parlors. K. K. Markarian. Nauka i pered. op. v sel'khoz. no. 10:44-45 O '56.
The PDU-4 suspended unit for milking cows. H. L. Hrehin'. Mekh. sil'. hosp. 7 no. 11:26-27 N '56.

MILKY WAY
Determining the plane of symmetry for absorbing matter in the Galaxy using interstellar absorption observations. A. F. Torondzhadze, T. A. Kochiashvili. Biul. Abast. astrofiz. obser. no. 20:41-43 '56.
Plan for a general study of selected areas of the Milky Way. P. P. Parenago. Astron. zhur. 33 no. 5:749-755 S-O '56.
Problems in the kinematics of the local star cloud [with summary in English]. A. F. Torondzhadze. Biul. Abast. astrofiz. obser. no. 20:45-53 '56.

MILLER, ARTHUR, 1915-
"A man with a lot of luck" (Death of a salesman). A. Miller. G. Litinskii. Teatr 17 no. 11:127-128 N '56.

MILLER, BORIS VSEVOLODOVICH, 1877-1956
B. V. Miller; obituary. Sov. vostokoved. no. 5:158-159 '56.

MILLEROVO DISTRICT—MACHINE-TRACTOR STATIONS
Agrometeorological observatory at the machine-tractor station. A. Basova. MTS 16 no. 10:17 O '56.

MILLET see subdivision under White Russia

MILLET—STORAGE
Effect of temperature and humidity on the number and proportion of micro-organism species in stored millet. V. A. Mirzoeva, O. P. Pod"iapol'skaia. Trudy VNIIZ no. 30:114-123 '55.

MILLING MACHINES
High-speed form milling of surfaces by hard alloy cutters. P. A. Markelov. Stan. i instr. 27 no. 10:33-35 O '56.
Increasing the efficiency of vertical milling machines. V. A. Shmanev. Stan. i instr. 27 no. 10:25-26 O '56.
Investigating the rigidity of pedestal-type vertical-milling machines. V. A. Shmanev, I. S. TSukanov. Trudy MAI no. 70:67-83 '56.
Relation between specific cutting forces and the radius of cutting-edge curvature in milling cast iron. G. S. Minasian. Sbor. nauch. trud. ErPI no. 10:19-27 '56.

MILLIVOLTMETER

Modulation method for measuring small electric voltages in the acoustic frequency range. D. K. Balabukha, L. L. Miasnikov, E. N. Plotnikova. Akush. zhur. 2 no. 3:248-254 Jl-S '56.

MINE HAULAGE

Improve the performance of underground transportation. A. Krakhmalev, I. Sinitsa. Mast. ugl. 5 no. 10:14-16 O '56.

MINE HOISTING

Kudin, B. D. [Automatic skip hoisting equipment; of no. 10-bis mine of the Kuybyshev Trust] Avtomaticheskaia skipovaia pod"emnaia ustanovka; shakhty 10-bis tresta Kuibyshevugol', Moskva, Ugletekhizdat, 1956. 39 p. (Novaia gornaia tekhnika)

New automatic control to limit the speed of hoisting machines. E. B. Antipin, N. I. Esenin. Gor. zhur. no. 10:61-63 O '56.

MINE LIGHTING

Bukhman, IA. Z., and IU. F. Gidaspov. [Ventilation, lighting, and safety engineering in ore mines; a manual for schools and courses for specialists] Provetrivanie, osveshchenie i gornospasatel'noe delo na metallicheskikh rudnikakh; uchebnoe posobie dlia shkol i kursov masterov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 260 p.

MINE MANAGEMENT

(see also subdivision under Soviet Far East)

Do not infringe on the rights of mine foremen. S. Vasserman. Mast. ugl. 5 no. 10:26 O '56.

MINE PUMPS

New displacement pump. E. Khanov. Mast. ugl. 6 no. 10:25 O '56.

Shamirgon, S. A. [Acid-resistant mine pumps of high-chromium steel] Kislotostoikie shakhtnye nasosy iz vysokokhromistoi stali. Moskva, Ugletekhizdat, 1946. 29 p.

MINE RAILROADS—CARS

Cleaning of mine cars with use of vibrators. G. Palant. Mast. ugl. 5 no. 10:24-25 O '56.

MINE SANITATION see subdivision under Kerch Peninsula

MINE SURVEYING

Determining the length of workings to reach the deposits. P. V. Puninskii. Nauch. trudy NPI 26:186-190 '55.

MINE TIMBERING

(see also subdivision under Donets Basin; Karaganda Basin; Kuznetsk Basin)

Mining system with movable, sectional timbering. B. S. Blaznin, T. Y. Kapitanov. Gor. zhur. no. 10:18-23 O '56.

MINE VENTILATION

Bukhman, IA. Z., and IU. F. Gidaspov. [Ventilation, lighting and safety engineering in ore mines; a manual for schools and courses for specialists] Provetrivanie, osveshchenie i gornospasatel'noe delo na metallicheskikh rudnikakh; uchebnoe posobie dlia shkol i kursov masterov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 260 p.

Designing ventilation openings. M. A. Frolov. Nauch. trudy NPI 26:17-33 '55.

Guarantee of safe operation of ventilators in complex [illegible]y NPI 26:3-9

MINERALOGICAL CHEMISTRY

Physicochemical interpretation of thermometric measurements by homogenizing inclusions. E. I. Vul'chin. Min. sbor. no. 5:267-290 '51.

"Research in mineral forming solutions; temperatures and aggregate state" by N. P. Ermakov. Reviewed by E. K. Lazarenko, E. M. Laz'ko. Min. sbor. no. 6: 369-368 '51.

Role of pneumatolysis in mineral formation. E. M. Laz'ko. Min. sbor. no. 5:83-97 '51.

MINERALOGICAL MUSEUMS see subdivision under Kharkov

MINERALOGY

(see also subdivision under Altai Mountains; Donets Basin; Kobyletskaya Polyana; Russian Platform; Tien Shan; Transcarpathia; Ukraine)

Application of microcinamatography in mineralogical research. V. A. Smorodin. Min. sbor. no. 5:291-296 '51.

Brief news. Min. sbor. no. 5:379-381 '51.

Classification of the luster of minerals. A. S. Povarennykh. Min. sbor. no. 5:75-81 '51.

"Conditions of the formation of ore and nonmetallic deposits" by P. M. Tatarinov. Reviewed by D. I. Gorzhevskii. Min. sbor. no. 10:387-391 '56.

Conical surfaces in mineral crystals. I. I. Shafranovskii. Min. sbor. no. 5:51-64 '51.

Current tasks facing Soviet mineralogy. E. K. Lazarenko. Min. sbor. no. 5:3-12 '51.

Natural intergrowth of minerals. Erich Zeliger. Min. sbor. no. 10:154-159 '56.

New forms of nonmetallic minerals. V. P. Petrov. Razved. i okh. nedr 21 no. 3:1-10 My-Je '55.

New observations on phase transitions in liquid inclusions. Vl. A. Kaltuzhnyi. Min. sbor. no. 10:77-80 '56.

Part. 2. Report on structural mineralogy. N. V. Belov. Min. sbor. no. 5:13-30 '51.

Part 7. Studies in structural mineralogy. N. V. Belov. Min. sbor. no. 10:10-32 '56.

MINERALOGY, DETERMINATIVE

Application of the immersion method. S. V. Shumilkin. Razved. i okh. nedr 21 no. 3:57-59 My-Je '55.

Estimating the content and reserves of constituent elements. A. D. Kalenov. Razved. i okh. nedr 22 no. 10: 31-33 O '56.

Improved design of the BIT-3 electromagnet for isolating monomineral fractions. F. IA. Bindul', V. P. Ivanova, S. I. Taidykin. Inform. sbor. VSEGEI no. 1:145-146 '55.

Methods of handling control chemical analysis. A. P. Prokof'ev. Razved. i okh. nedr 21 no. 3:25-29 My-Je '55.

Mineralological errors in the book by I. A. Preobrazhenskii and S. G. Sarkisian "Minerals of sedimentary rocks (applicable to the study of petroleum-bearing deposits)." Reviewed by V. N. Dominikovskii. Inform. sbor. VSEGEI no. 1:153-157 '55.

New method for the decomposition and splitting of minerals by means of ammonium nitrate. P. M. Isakov, L. G. Potylitsyna. Inform. sbor. VSEGEI no. 1:140-142 '55.

Possibilities of using thermal discoloration of minerals in mineralogical thermometry. M. M. Slivko. Min. sbor. no. 10:383-387 '56.

"Qualitative chemical analysis of ores and minerals by trituration." P. M. Isakov. Reviewed by V. I. Shmanenkov. Razved. i okh. nedr 21 no. 6:61 '55.

Research in the field of obtaining new heavy liquids for analyzing spore-pollen, diatoms, and minerals. S. M. Mazurov, M. V. Posvol'skii, V. V. IAnovskii. Razved. [illegible] nedr. 21 no. 6:16-20 N-D '56.

[illegible]e electron microscope for studying finely dis[illegible] minerals. G. S. Gritsenko. Min. sbor. no. 10: [illegible] '56.

[illegible]S IN FOOD

[illegible] in the organism of bees and in beebread. V. F. [illegible]. Pchelovodstvo 33 no. 12:24-25 D '56.

[illegible]S IN PLANTS

[illegible]ocr methods in studying the effect of light [illegible]y on the intake of mineral substances by plants [illegible]ments with isotopes of sulphur -35). V. V. [illegible]kii, L. A. Siniukhina. Izv. TSKhA no. 2:83-98

[illegible]S IN THE BODY

[illegible] in the organism of bees and in beebread. V. F. [illegible]. Pchelovodstvo 33 no. 12:24-25 D '56.

[illegible]ee subdivision under Kazakhstan

[illegible]DISEASES AND HYGIENE

[illegible] in miners. A. V. Shmutter. Ortop., travm. [illegible]z. no. 6:55-59 N-D '55.

[illegible]D MINERAL RESOURCES

[illegible]o subdivision under Asia, Southeastern; Sikhote [illegible]nge)

[illegible] resources" [in Polish] by Karol Bohdanowicz. [illegible]d by V. I. Smirnov. Uch. zap. Mosk. un. no. 178: [illegible] '56.

Proceed, manage investigate... P. Polejaev. Tekh. mol. 24 no. 11:19-21 N '56.

Use of water wheels in mining operations on Russian territory in the 16th-19th centuries. P. K. Fedorenko. Ist. zap. no. 57:210-231 '56.

MINES AND MINERAL RESOURCES—AIR CONDITIONING

Air conditioning in the mining industry abroad (from "Bergbauwissenschaften," no. 6, 1955). M. B. Chernenko. Gor. zhur. no. 10:58-60 O '56.

MINGECHAUR RESERVOIR

Zvontsov, A. A. [Alluvium of the Mingechaur Dam] Namyv Mingerchaurskoi plotiny. Moskva, Gos. energ. izd-vo, 1956. 70 p. (Iz opyta stroitel'stva elektrostantsii)

MINIATURE PAINTING see subdivision under Fedoskino; Palekh

MINING ENGINEERING

(see also subdivision under Altai Territory; Krivoy Rog)

Development of underground mining techniques in capitalist countries. L. I. Baron. Gor. zhur. no. 10:32-41 O '56.

Handling lumpy ore in large block caving systems. A. V. Bud'ko, L. I. Burtsev. Gor. zhur. no. 10:27-31 O '56.

Methods for the extraction of close, gently sloping ore seams. I. Z. Lysenko. Vest. AN Kazakh. SSR 12 no. 10: 59-68 O '56.

Trumbachev, V. F. [Distribution of stress throughout mine workings] Raspredelenie napriazhenii vokrug gornykh vyrabotok. Moskva, Ugletekhizdat, 1956. 124 p.

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—Mining engineering

MINING ENGINEERING—CONGRESSES see subdivision under Baley

MINING ENGINEERING—SAFETY MEASURES

Bukhman, IA. Z., and IU. F. Gidaspov. [Ventilation, lighting, and safety engineering in ore mines; a manual for schools and courses for specialists] Provetrivanie, osveshchenie i gornospasatel'noe delo na metallicheskikh rudnikakh; uchebnoe posobie dlia shkol i kursov masterov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry, po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 260 p.

Measures for protecting buildings against the harmful effect of mining. S. L. Motseev. Razved. i okh. nedr 21 no. 2:49-51 Mr-Ap '55.

MINING ENGINEERING—STUDY AND TEACHING see subdivision under Leninsk-Kuznetskiy; Poland; Stalino

MINING GEOLOGY

Mining engineering characteristics of rocks. N. P. Gerasshchenko. Razved. i okh. nedr 22 no. 10:34-37 O '56.

MINING MACHINERY

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Mining Industry.] Ekspress-informatsiia. Seriia: Gornoe delo nos. 37-39 S-O '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Mining Industry.] Ekspress-informatsiia. Seriia: Gornoe delo nos. 1-2 Ja '57.

MINSK—COLLEGE AND SCHOOL DRAMA

Students on the stage. Kuz'ma Kulakou. Polymia 34 no. 11:108-117 N '56.

MINSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Discussions and decisions. Part. zhizn' no. 19:70 O '56.

MINSK—DAY NURSERIES

To V. I. Sharapau, chairman of the Minsk city soviet. Rab. i stal. 32 no. 12:8 D '56.

MINSK—LAUNDRIES

To V. I. Sharapau, chairman of the Minsk city soviet. Rab. i stal. 32 no. 12:8 D '56.

MINSK—MACHINERY INDUSTRY

Policy of thrift is the basic method for management. S. Murygin. Komm. Bel. 29 no. 12:35-40 D '56.

MINSK—SOCCER

The last whistle; report from a stadium. A. Maiski. Biarozka 33 no. 11:28-29 N '56.

MINSK—SPORTS

At a slow pace; games at the Spartakiada of White Russia. V. Aleksandrov. Sp. igry 2 no. 8:23-24 Ag '56.

MINSK PROVINCE—COMMUNIST YOUTH LEAGUE

Boasting and conceit. B. Pavlenok. Mol. kommu. 14 no. 11:112-115 N '56.

MINUSINSK DISTRICT—INSCRIPTIONS, TURKISH (OLD)

Podkuninskiy runic inscription. E. R. Rygdylon. Epig. Vost. no. 11:59-62 '56.

MIR DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION
Collective farm members join the ranks of the party. Komm. Bel. 20 no. 11:79-80 N '56.

MIRRORS
Temkin, D. S. [Mass production of mirrors] Proizvodstvo zerkal shirokogo potrebleniia. Moskva, Gos. izd-vo promyshlennosti RSFSR, 1956. 175 p.

MISCONDUCT IN OFFICE
Criminal responsibility for malfeasance in office. I. G. Filanovskii. Uch. zap. Len.un. no. 202:105-127 '56.
The struggle against crimes by collective farm officials. N. A. Belinov, A. N. Zubritov. Uch. zap. Len.un. no. 202:128-155 '56.
The subject of crimes by officials in the practice of the Supreme Court of the U. S. S. R. N. S. Leikina. Uch. zap. Len.un. no. 202:69-104 '56.

MISSILES, GUIDED see Guided missiles

MITES
(see also subdivision under Kazakhstan; West Kazakhstan Province)
Biological cycle of the mite Demodex canis (Leydig). V. A. Sokolovskii. Sbor. trud. Khar'. vet. inst. 21:328-346 '56.
Length of the biological development cycle of Cnemidocoptes mutans. N. T. Litvishko. Sbor. trud. Khar'. vet. inst. 22:299-304 '54.
Morphological peculiarities of the different developmental stages of the itch mite Cnemidocoptes mutans Robin, 1860 1860. N. T. Litvishko. Sbor. trud. Khar'. vet. inst. 21: 347-356 '56.
Mortality of the itch mite Psoroptes longirostris ovis on the bodies of sheep under natural conditions. M. A. Palimpsestov. Sbor. trud. Khar'. vet. inst. 21:307-374 '56.
Studying the capacity for invasion of Cnemidocoptes mutans at different stages. N. T. Litvishko. Sbor. trud. Khar'. vet. inst. 22:305-309 '54.

MITES AS CARRIERS OF DISEASE
Mites of the species Alectorobius tholozani papillipes as carriers of spirochetosis. M. S. Soflov. Vop. kraev. pat. no. 4:115-119 '54.

MITRAL VALVE—DISEASES
Blood gases and respiration in mitral insufficiency. N. M. Genin. Khirurgiia. 32 no. 8:35-39 Ag '56.
Serum proteins in liver cirrhosis and in mitral defects. O. P. Samarina. Biul. eksp. biol. i med. 42 no. 10:30-33 O '56.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956
New documents about Iakub Kolas. Slaviano no. 11:61 N '56.

MIXING, HEAT OF see Heat of mixing

MIXING MACHINERY
Mobile D-370 mixer and D-371 loader. V. D. Kokin, N. F. Tiumin. Stroi. i dor. mashinostr. no. 11:21-22 N '56.
Mobile plaster mixing plant. G. Ruderman. Stroitel' 2 no. 2:17-18 F '56.
Mobile SM NII-100 natural soil cement mixer. V. V. Askalonov, A. N. Tokin. Nov. tekh. i pered. op. v stroi. 18 no. 5:14-16 My '56.

MOCKING BIRDS see subdivision under Tajikistan

MODELING see subdivision under Tripol'ye

MODELS, MECHANICAL see Mechanical models

MOINTY VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy, facies, and tectonics of Devonian and lower Carboniferous deposits in the Sary-Su-Mointy interfluvial region of central Kazakhstan. S. E. Kolotukhina. Trudy inst. geol. nauk no. 101:1-60 '48.

MOISTURE
Determining the content of hydrocarbons and moisture adsorbed by activated carbon. N. V. Kel'tsev. Gaz. prom. no. 6:34-36 Je '56.

MOISTURE—MEASUREMENT
Selecting a control method for the determination of moisture content in raw cotton. E. E. Petrushkov. Trudy FTI AN Uz. SSR 6:54-61 '55.

MOISTURE OF SOILS see Soil moisture

MOKSHA VALLEY—GEOLOGY, STRATIGRAPHIC
History of the formation and the age of the Sura-Moksha uplift region and Vyatka Uval. D. K. Andreev. Biul. MOIP. Otd. geol. 31 no. 4:99-101 Jl-Ag '56.

MOLDAVIA—FIG
Fig growing in southern Moldavia. A. S. Gupshpun. Sad. vin. Mold. 11 no. 5:12-13 S-O '56.

MOLDAVIA—FRUIT CULTURE
Develop fruit culture and viticulture in every possible way. Sad. vin. Mold. 11 no. 5:1-2 S-O '56.

MOLDAVIA—GEOLOGY, STRATIGRAPHIC
Upper Silurian deposits of the Moldavian S. S. R. A. IA. Edel'shtein. Dop. AN URSR no. 2:147-151 '56.

MOLDAVIA—GEOLOGY, STRUCTURAL
Some data on the elastic properties of rocks found in the Moldavian S. S. R. V. B. Sollohub. Dop. AN URSR no. 4:370-374 '56.

MOLDAVIA—RINGWORM
Clinical aspects and epidemiology of trichophytosis in the Moldavian S. S. R. A. P. Bazyka. Vest. ven. i derm. 30 no. 5:18-21 S-O '56.

MOLDAVIA—WALNUT
Giving the republic more nut plantations. M. M. Tymko. Sad. vin. Mold. 11 no. 5:14-16 S-O '56.

MOLDAVIA—WINE AND WINE MAKING
For a better assortment of wines. N. M. Rudnev. Sad. vin. Mold. 11 no. 5:43-44 S-O '56.

MOLDING (FOUNDING)
Machine molding of frames of the thirteenth bulk category using green cores. I. L. Faitel'son. Vest. elektroprom. 27 no. 5:48-52 My '56.

MOLECULAR ROTATION
General theory of molecules with internal rotation. Part 1. G. A. Zaitsev. Opt. i spektr. 1 no. 6:720-741 O '56.

MOLECULES
Concerning the discussion on the theory of molecular structure. M. I Shakhparonov, V. M. Tatevskii. Zhur. fiz. khim. 30 no. 9:2122-2123 S '56.
Degree of deformability of protein molecules in solutions. A. G. Pasynskii. Biofizika 1 no. 1:10-15 '56.
On the chemistry of active molecules forming following the mechanical destruction of polymers. A. A. Berlin. Dokl. AN SSSR 110 no. 3:401-403 S '56.

MOLYBDENUM
Secondary electron emission of nickel and molybdenum at low energies of primary electrons. A. R. Shul'man, E. I. Minkinin. Zhur. tekh. fiz. 26 no. 10:2223-2233 O '56.

MOLYBDENUM—ANALYSIS
Incorrectness of analysis according to the All-Union State Standard no. 2082-51. B. N. Ranskii. Zav. lab. 22 no. 9:1130-1134 '56.

MOLYBDENUM-IRON-NICKEL ALLOYS
Studying the galvanoelastic effect in alloys of molybdenum permalloy and $Ni_3Mn$. R. G. Annaev, A. Allanazarov. Izv. AN Turk. SSR no. 5:9-11 '56.

MONCHEGORSK—LABOR SUPPLY
New settlers have come beyond the Polar Circle. N. Matorin. Rabochiiaa 34 no. 12:16-18 D '56.

MONDY REGION—BOTANY—ECOLOGY
Causes of the occurrence of steppe plant associations in the Mondy Depression (Eastern Sayans). I. M. Zabelin. Bot. zhur. 41 no. 8:1208 Ag '56.

MONEY
Planning the circulation of money. Z. Atlas. Plan. khoz. no. 8:68-79 '56.

MONGOLIA—ANTIQUITIES
Reindeer stones in Mongolia and the problem of the origin of reindeer breeding. V. N. Skalon. Sov. arkheol. 25:87-105 '56.

MONGOLIA—CHALK
Formation of chalk deposits in southeastern Mongolia. I. E. Turishchev. Trudy VNIGRI no. 95:171-188 '56.

MONGOLIA—COOPERATIVE SOCIETIES
Producers' cooperatives in the Mongolian People's Republic. D. Demchig. Prom. koop. no. 11:26-27 N '56.

MONGOLIA—FOREIGN RELATIONS
For friendship and international cooperation. O. Adilbish. Mezhdunar. zhizn' no. 11:70-72 N '56.

MONGOLIA—HISTORY
Hethum's "Flower of the history of oriental countries" as a source of historicogeographical studies and of Mongol history [with English summary in insert]. M. S. Mirnyi. Sov. vostokoved. no. 5:72-82 '56.

MONGOLIA—OSTRACODA, FOSSIL
Liubimova, P. S. [Ostracoda of Cretaceous deposits in the Mongolian Peoples Republic and their importance for stratigraphy] Ostrakody melovykh otlozhenii Vostochnoi chasti Mongol'skoi Narodnoi Respubliki i ikh znachenie dlia stratigrafii. Leningrad, Gos. nauchn.-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956. 174 p. 25 tables. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy, no. 93.)

MONGOLIA—POLITICS AND GOVERNMENT
The Mongolian People's Republic in the struggle for peace and international cooperation. T. Pavlov. Mezhdunar. zhizn' no. 10:94-99 O '56.

MONGOOSES see subdivision under Jamaica

MONOPOLIES
The tsarist government's relations with monopolies. T. D. Krupina. Ist. zap. no. 57:144-176 '56.

MONTAIGNE, MICHEL EYQUEM DE, 1533-1592
Michel Montaigne's "Essays." V. M. Boguslavskii. Vop. filos. no. 5:106-119 '56.

MONTMORILLONITE
Classification of montmorillonitic minerals. D. P. Serdiuchenko. Min. sbor. no. 10:132-134 '56.

MONUMENTS see subdivision under Kronstadt

MONZHULKY HILLS—FISHES, FOSSIL
More about fishes in the Akchagylian Sea. V. V. Bogachev. Izv. AN Turk. SSR no. 3:90 '56.

MORAL EDUCATION
The methodology of moral education. D. I. Sofronov. Sov. pedag. 20 no. 12:14-25 D '56.

MORGENSTERN, KARL, 1770-1852
Letters of German educators of the 18th and beginning of the 19th century to K. Morgenstern, Professor of Dorpat University (presently Tartu). Z. N. Meleshchenko. Vop. filos. no. 5:148-150 '56.

MOROZOV, ALEKSANDR ALEKSANDROVICH, 1889-1956
Aleksandr Aleksandrovich Morozov. Gidr. stroi. 25 no. 10:62 N '56.

MORPHINE
Effect of morphine-pentothal narcosis on the utilization of sugar by an extremity in dogs under normal conditions and following autotransplantation. V. M. Kushko, G. M. Ivchenko. Biul. eksp. biol. i med. 42 no. 10:23-25 O '56.

MORPHOLOGY
[Papers delivered at a conference on human morphology] Konferentsiia po morfologii cheloveka, Moscow, 1952. Materialy... [Moskva] Izd-vo Moskovskogo univ., 1956. 153 p.

MORTAR
Batching lime and clay in preparing mortars. Rats. i izobr. predl. v stroi. no. 138:13-14 '56.
Cement mortar for filling reinforcement canals in prestressed reinforced concrete structures. I. S. Utevskii. Bet. i zhel.-bet no. 11:409-411 N '56.
Heated metal bin for mortars. Rats. i izobr. predl. v stroi. no. 138:15-16 '56.
Mechanized storage yard for sand at mortar plants. Rats. i izobr. predl. v stroi. no. 138:8-9 '56.
Unit for feeding masonry mortars. Rats. i izobr. predl. v stroi. no. 139:3-7 '56.
Using rich lime paste for waterproof plastering mortars. P. N. Tiutiunkov. Stroi. prom. 34 no. 10:49 O '56.

MOSAIC DISEASE
Discovery of a "noninfectious" phase in the development of the tobacco mosaic virus. K. S. Sukhov, O. S. Kapitsa. Dokl. AN SSSR 110 no. 3:469-471 S '56.

MOSCOW—ACTORS
New performers at the Maiyi Theater. Teatr. 17 no. 10: 178-179 O '56.

MOSCOW—AGRICULTURAL EXHIBITIONS
At the exhibition in Moscow. A. Maillants. Sots. Uz. 15 no. 11:14 N '56.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Estonian S. S. R." pavilion; a guidebook] Pavil'on "Estonskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 25 p.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Kirghiz S. S. R." pavilion; a guidebook] Pavil'on "Kirgizskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 25 p.

MOSCOW—AGRICULTURAL EXHIBITIONS (Continued)

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Volga Valley" pavilion; a guidebook] Pavil'on "Povolzh'e"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 29 p.

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Water resources management and rural hydroelectric power stations" pavilion; a guidebook] Pavil'on "Vodnoe khoziaistvo i sel'skie gidroelektrostantsii"; putevoditel'. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 21 p.

Ponds at the exhibition. I. V. Marchenko. Nauka i pered. op. v sel'khoz. no. 10:42-43 O '56.

Sheep breeding at the All-Union Agricultural Exhibition of 1956. A. P. Lobachik. Ovtsevodstvo no. 11:26-30 N '56.

MOSCOW—APARTMENT HOUSES

Building large-panel apartment houses; block no. 7 on the Khoroshevo Street in Moscow. IU. A. Egorov. Soob. Inst. ist. isk. no. 7:13-27 '56.

Building 3-5 story apartment houses in Moscow. V. M. Kuchko. Gor. khoz. Mosk. 30 no. 9:34-36 S '56.

Novyye Cheremushki, block no. 12. V. F. Promyslov. Ogonek 34 no. 49:22 N '56.

MOSCOW—ART—EXHIBITIONS

Three exhibitions. M. Klimova. Rabotnitsa 34 no. 12: 25 D '56.

MOSCOW—ART, FRENCH—EXHIBITIONS

Meeting old acquaintances. M. Oganesian. Sov. zhen. 12 no. 12:41 D '56.

MOSCOW—ART SCHOOLS

Training young painters. F. Modorov. Ogonek 34 no. 45:16 N '56.

MOSCOW—BALLET

Ballet news. Teatr. 17 no. 10:174 O '56.

MOSCOW—BEE CULTURE—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Bee Culture" Pavilion; a guidebook] Pavil'on "Pchelovodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

MOSCOW—BUILDING MACHINERY—EXHIBITIONS

Moscow. Vystavka "Novaia stroitel'naia tekhnika," 1956. [Moscow exhibition of new building machinery of 1956; a guidebook] Moskovskaia vystavka novoi stroitel'noi tekhniki 1956 goda; putevoditel'. [Moskva] Moskovskii rabochii, 1956. 76 p.

New building equipment at the Moscow exhibition in 1956. S. Savinov. Stroitel' 2 no. 8:24 Ag '56.

New displays at the All-Union construction exhibition. N. Baranov. Stroitel' 2 no. 2:19 F '56.

MOSCOW—CHEMICAL INDUSTRIES

Valuable raw materials left unutilized. I. Neishtadt. Prom. koop. no. 11:34 N '56.

MOSCOW—CITY PLANNING

Novyye Cheremushki, block no. 12. V. F. Promyslov. Ogonek 34 no. 48:22 N '56.

MOSCOW—DEPARTMENT STORES

From the work practice of "Detskii Mir" Moscow Department Store. TS. Khazanova-Anan'eva. Sov. torg. no. 11:23-24 N '56.

MOSCOW—DESCRIPTION

[Moscow; a concise guidebook for visitors] Moskva; kratkii spravochnik dlia priezzhaiushchikh. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 288 p.

MOSCOW—EDUCATION

Seminar of directors of institutes for the advanced training of teachers. Sov. pedag. 20 no. 12:117-120 D '56.

MOSCOW—ELECTRIC LIGHTING

Electrical equipment of the Central Stadium. S. A. Kliuev. Gor. khoz. Mosk. 30 no. 9:17-22 S '56.

MOSCOW—FURNITURE—EXHIBITIONS

Furniture that customers are waiting for. A. Elenin. Sov. torg. no. 11:20-22 N '56.

Furniture we need. S. Morozov, L. Kamenskii. Ogonek 34 no. 49:20 D '56.

MOSCOW—FURNITURE INDUSTRY

How we organize the competition. A. Makarenko. Prom. koop. no. 11:29-30 N '56.

MOSCOW—GOLDSMITHING

Goldsmiths. I. Il'icheva. Ogonek 34 no. 48:6 N '56.

MOSCOW—GRAPHOLOGY

Whose handwriting is it? IA. Miletskii. Ogonek 34 no. 48:25-26 N '56.

MOSCOW—HORSE BREEDING—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Horse Breeding" pavilion; a guidebook] Pavil'on "Konevodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 19 p.

MOSCOW—HORSE SHOWS

Saddle horses at the All-Union Agricultural Exhibition of 1956. N. Troitskii. Konevodstvo 26 no. 12:17-26 D '56.

MOSCOW—HOUSING

[List of addresses of living quarters for exchange]. Spravochnik adresov po obmenu zhiploshchadi no. 12 D '56.

MOSCOW—LANDSCAPE GARDENING

Landscaping grounds of the Central Moscow stadium. IU. S. Grinevitskii, S. I. Elizarov. Gor. khoz. Mosk. 30 no. 9:13-15 S '56.

MOSCOW—LAW—STUDY AND TEACHING

Correlation between the teaching of the department of law and practice. O. V. Belousov. Vest. vys. shkoly 14 no. 11:54 N '56.

MOSCOW—MANUSCRIPTS

Akademiia nauk SSSR. Biblioteka. [Historical sketch and survey of the collections in the Manuscript Division of the Library of the Academy of Sciences] Istoricheskii ocherk i obzor fondov Rukopisnogo otdela Biblioteki Akademii nauk. Moskva.
No. 1. [Eighteenf century] XVIII vek. 1956. 483 p.

MOSCOW—MOTION-PICTURE FESTIVALS

Italian films. Sov. Soiuz no. 12:24-25 D '56.

MOSCOW—MOTION-PICTURE INDUSTRY

A discussion of the "Mosfil'm" plan. Isk. kino no. 10: 114-115 O '56.

MOSCOW—MOTION-PICTURE THEATERS

Film showings of the works of the masters of Soviet cinematography. M. Tovarnov. Kinomekhanik no. 11: 10-11 N '56.

MOSCOW—MUNICIPAL SERVICES

Establish a progressive scientific and experimental base for the municipal economy of the capital. Gor. khoz. Mosk. 30 no. 9:1-4 S '56.

Raise the standards of scientific research and construction work in municipal economy enterprises. N. P. Plotnikov. Gor. khoz. Mosk. 30 no. 9:4-6 S '56.

MOSCOW—MUSICAL REVUES, COMEDIES, ETC.

Champagne without the cork. Teatr. 17 no. 10:140 O '56.

A theater losing its audience. Teatr 17 no. 11:173 N '56.

MOSCOW—PAINTING, FRENCH—EXHIBITIONS

Moscow. Gosudarstvennyi muzei izobrazitel'nykh iskusstv. [French painting of the 19th century; exhibition of pictures from French museums. Catalog] Frantsuzskaia zhivopis' XIX veka; vystavka kartin iz sobranii frantsuzskikh muzeev, Katalog. Moskva, Gos. izd-vo "Iskusstvo," 1956. 190 p.

MOSCOW—PIONEERS (COMMUNIST YOUTH)

There is nothing dearer. L. Lazurovich. Vozhatyi 32 no. 11:16-18 N '56.

MOSCOW—PUPPETS AND PUPPET PLAYS

From rehearsal halls. Teatr. 17 no. 11:178 N '56.

MOSCOW—REVOLUTION, 1917-1921

October in Moscow. V. Bill'-Belotserkovskii. Oktiabr' 33 no. 11:124-133 N '56.

MOSCOW—RUNNING

In the old Moscow. G. Bol'shakov. Leg. atl. no. 11:24 N '56.

MOSCOW—SHEEP BREEDING—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Sheep Breeding" pavilion; a guidebook] Pavil'on "Ovtsevodstvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

MOSCOW—SILK—EXHIBITIONS

At the "Silk" pavilion. N. N. Drozdov. Tekst. prom. 16 no. 9:53-54 S '56.

MOSCOW—SOCCER

In the struggle for gold medals. M. Sysuev. Prom. koop. no. 11:35 N '56.

MOSCOW—STADIUMS

Electrical equipment of the Central Stadium. S. A. Kliuev. Gor. khoz. Mosk. 30 no. 9:17-22 S '56.

In the V. I. Lenin stadium. Radio no. 11:10 N '56.

The Lenin Central Stadium in Moscow. M. G. Bass. Gor. khoz. Mosk. 30 no. 9:9-13 S '56.

Low-voltage equipment of the stadium. M. B. Lebedinskii, I. I. Shvarts, G. A. Frenkel'. Gor. khoz. Mosk. 30 no. 9:23-26 S '56.

Operation of the new stadium. B. V. Miakin'kov. Gor. khoz. Mosk. 30 no. 9:16-17 S '56.

Polikarpov, V. [The Central Stadium] TSentral'nyi stadion. Moskva, Izd-vo gazety "Sovetskii sport," 1956. 16 p.

Sanitary installations of the new stadium. S. D. Dubrovkin. Gor. khoz. Mosk. 30 no. 9:27-31 S '56.

System of public eating enterprises in the Central Stadium. P. I. Barsov. Gor. khoz. Mosk. 30 no. 9: 31-33 S '56.

MOSCOW—STOCK AND STOCKBREEDING

Undiscovered approach. S. Geguzin, P. Bondarenko. Mol. komm. 14 no. 11:109-112 N '56.

MOSCOW—STREET RAILWAYS

Efficiency experts in the municipal electric transport system of Moscow. K. Basurmanov. Zhil.-kom. khoz. 6 no. 6:12-15 '56.

MOSCOW—STRING ENSEMBLES

Ensemble of violinists. Teatr. 17 no. 10:174 O '56.

MOSCOW—SUBWAYS

Moskovskii metropoliten imeni V.I.Lenina. Lenin metropolitan railway of Moscow. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1956. 1 v. (unpaged, chiefly illus.) [Parallel texts in Russian, English, French, and German.]

New subway lines. Sov. Soiuz no. 12:33 D '56.

MOSCOW—TEXTILE FABRICS—MARKETING

The fight for better types of service. G. Preisman. Sov. torg. no. 10:30-34 O '56.

MOSCOW—THEATER

Actors of the Vakhtangov Theater. N. Volkov. Ogonek 34 no. 49:17 D '56.

"Alpatov." Teatr. 17 no. 10:124-126 O '56.

Celebration in the lobby. Teatr 17 no. 11:130 N '56.

"Portion of tar." Teatr 17 no. 11:130-131 N '56.

Second youth of a veteran. Teatr. 17 no. 10:139-140 O '56.

Summer theatrical season in the capital. Teatr 17 no. 11:170-171 N '56.

"White lotus." Teatr. 17 no. 10:127-128 O '56.

MOSCOW—THEATERS

A book about the theater building ("Architecture of the Bol'shoi Theater" by IU. D. Khripunov. Reviewed by I. Florinskii). Teatr. 17 no. 10:122-123 O '56.

MOSCOW—THEATERS—DECORATION

Interesting exhibit. Teatr. 17 no. 10:176-177 O '56.

MOSCOW—WOMEN—CONGRESSES

Moscow seminar. Mezhdunar. zhizn' no. 11:113 N '56.

MOSCOW—WORLD WAR, 1939-1945

Moscow during the Great Patriotic War. Blok. ogil. no. 35:25-28 D '56.

MOSCOW—YOUTH—CONGRESSES

Festival. Bruno Vitale, Jorge Rivadeneira. Vseem. stud. nov. 10 no. 9/10:5 S-O '56.

Preparing for the Sixth World Youth Festival: Cooperation! Peace! Our questionnaire and answers by P. Johnson and others. Mol. komm. 14 no. 11:89-91 N '56.

Preparing for the World Youth Festival. A. Grunin. Blok. ogil. vod. transp. no. 22:8-13 N '56.

MOSCOW—ZOOLOGICAL GARDENS

What is there for lunch to-day? Sov. Soiuz no. 12:32 D '56.

MOSCOW, BATTLE OF, 1941

December, 1941. Evgenii Krigor. Ogonek 34 no. 49:7-8 D '56.

MOSCOW BASIN—CLAY

Associations of clay minerals of the lower Carboniferous in the southwestern region of the Moscow Basin. I. D. Zkhus. Biul. MOIP, Otd. geol. 31 no. 3:110-111 My-Je '56.

MOSCOW BASIN—COAL MINES AND MINING

Improved plan for the development of mine field sectors. B. TSyv'ian. Mast. ugl. 5 no. 10:16 O '56.

The progressive practices of the Moscow Basin miners should be used in all other basins. F. IAkovlev. Mast. ugl. 5 no. 10:3-6 O '56.

MOSCOW BASIN—CONVEYING MACHINERY

Improving conveyor performance. V. Makagon. Mast. ugl. 5 no. 10:22 O '56.

MOSCOW BASIN—KARST

A Karst phenomenon in limestones of the lower Carboniferous in the southern wing of the Moscow Basin. V. F. Shul'ga. Biul. MOIP, Otd. geol. 31 no. 3:89-93 My-Je '56.

MOSCOW PROVINCE—CONIFERAE

Regeneration of coniferous forests in the vicinity of Moscow. V. P. Timofeev. Les. khoz. 9 no. 11:30-34 N '56.

MOSCOW PROVINCE—DRAGONHEAD

White-flowered form of Moldavian dragon's head reproduced in the Moscow area. N. P. Smaragdova. Uch. zap. Mosk. un. no. 166:85-95 '56.

MOTION PICTURES, THREE-DIMENSIONAL
Stereoscopic movies. A. Andrievskii. Vyazich, nauka i tekhnika, 27 pp. illus.

MOTION PICTURES IN AGRICULTURE
(See also subdivision under Rice)
Agricultural films recommended for rural viewing. Kinofikatsiia i ekonomicheskoe stroitel'stvo, 1936.
Motion picture service for the rural population. Komm. khoz., 1936, no. 2, illus.

MOTION PICTURES IN EDUCATION
Motion picture lecture hall for parents. N. N. Zubkovskaia. Sovetskoe kino, 1936, no. 10, illus.
Motion pictures in the classroom. N. Ivitskii. Vechernyaya MGU, 1936, no. 6, illus.
Motion pictures in the school. Narodnoe obrazovanie, 1936, no. 2, illus.
Motion pictures in the school. Sovetskoe kino, 1936, no. 10, illus.
New educational films. N. Volkovoi. Vecherniaya Moskva, 1936, no. 2, illus.

MOTION PICTURES IN MEDICINE: see subdivision under Psychiatry

Motion Pictures in Psychology: see Mental Psychology

MOTION PICTURES: see Musical Psychology

MOTION PICTURES
(See also subdivision under United States)

MOTION PICTURES IN INDUSTRY
New legal questions in motion picture industry. Kino, 1936, no. 15, illus.

MOTION PICTURES
(See also subdivision under Europe, Western, France, Paris)
Visual experiments with projecting the silhouette. V. Tatlin. Sovetskoe iskusstvo, 1936, no. 17, illus.

MOTION ART: see Railroad stations

MOTION PICTURES
Steering by automobile and motorcycle; a practical manual. A. Kondrat'ev and Ia. Kuznetsov, eds. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1936. 231 p.

MOTIONLESS FLIGHT: see Gliding and soaring

MOTOR TRUCKS
(See also subdivision under United States)
Gear-bevel and cylindrical spiral tooth systems, Gleason, for 4 pinion-type and worm-type differential drives of spare parts for trucks, models GAZ-51, GAZ-63 and GAZ-55A; catalog appendix; chapter gear-cutting automatics] GAZ-51, GAZ-55, GAZ-63A. Moscow, Gos. nauchno-tekh. izd-vo mashinostroit. lit-ry, 1936. 522 p.
Standard operating schedules for motor vehicle service for 24 principal agricultural districts. Moscow, Gos. nauchno-tekh. izd-vo mashinostroit. lit-ry, 1936. 52 p.
The GAZ-51 truck. V. Mostovenko. Avt. transp., no. 10, 1936.
New rubber hose for motor vehicle radiators. Avt. transp., no. 10, 1936.
Specifications for transporting furniture. G. Bashilov. Avt. transp., no. 11, 1936.
[Service for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer, no. 12, 1936.
[Service for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer, no. 1, 1937.
Tekhnika avtomobil'nogo dela [The G.A.Z.-51 truck], 1936 number.
The "Ford-V-8." Avt. transp., no. 10, 1936.

MOTOR TRUCKS—ENGINES—COLD WEATHER OPERATION
Among the operation of diesel trucks in winter. A. Chaikovskii. Avt. transp., no. 11, 1936.

MOTOR TRUCKS—REPAIRING
Devices to repair tractors, agricultural machinery, and trucks. Second traktorno, sel'skokhoziaistvennoi i avtomobil'noi vystavki, 1936.

MOTOR TRUCKS—TRAILERS
Trailer for transporting excavators. A. L. Gabelaia. Gorno-rud. promyshlennost', no. 2, 1936.

MOUNTAINEERING: see education under Georgia

MOVEMENT, PSYCHOLOGY OF
Age-characteristic peculiarities of the generalization of verbal conditioned stimuli. M. I. Gorodetskii. Trudy Inst. vyssh. nerv. deiat. Ser. patologii, 1937. 71 p.
Effect of local cooling on inborn motor functions. A. P. Strukova, A. A. Arkad'evaia. Biokhimia, 1936, no. 1, 33-44 illus.
Formation of an antagonistic conditioned motor reaction in a child without preliminary development. L. S. Rogovin-Frumkina. Trudy Inst. vyssh. nerv. deiat. Ser. patologicheskoi, 1937. 71 p.

MOYELAVI DISTRICT—EYE
For 100 people of eye per hectare. M. I. Brindenkova. Kazak. Bol., 1936, no. 6, illus.

MTSKHETA—ANTIQUITIES
Georgian social, cultural conditions and home life in the 1st-3rd centuries [in Georgian]. G. A. Lomtatidze. Trudy Inst. ist. AN Gruz. SSR 1:329-374 '55.

MUCUS
Method for determining antibiotic sensitivity of microflora isolated from the phlegm of the diseased. M. N. Glazman. Lab. delo 2 no. 6:17-18 N-D '56.

MUGAN STEPPE—PLANTS, EFFECT OF SALTS ON
Certain data on the composition of vegetation in connection with the salinity of soils in the Mugan Steppe. V. R. Volobuev. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:225-232 '55.

MUKDEN—CHORAL SOCIETIES
Old people sing gaily. Nar. Kit. no. 21:40-41 N'56.

MUKDEN—DESCRIPTION
Five cities of China; memoranda from a notebook (conclusion). Vadym Sobko. Ukraina no. 21:24-26 N '56.

MULBERRY
Phenomena of multicotyledonal seedlings of white mulberry (Morus alba L.). N. N. Kartagdyev. Izv. AN Turk. SSR no. 4:74-75 '56.

MULTIPLE BIRTH see Birth, Multiple

MUNICIPAL BUILDINGS see subdivision under Peiping

MUNICIPAL OWNERSHIP
Reference manual for taking stock of fixed capital in communal housing; a collection of decrees, instructions, orders and directives on inventory taking (in force July 1, 1956)] Spravochnik po inventarizatsii osnovnykh fondov zhilishchno-kommunal'nogo khoziaistva; sbornik vazhneishikh postanovlenii, instruktsii, prikazov i rasporiazhenii po inventarizatsii (po sostoianiiu na 1 iiulia 1956 g.) Izd. 2-oe, ispr. i dop. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956, 359 p.

MUNICIPAL SERVICES
(see also subdivision under Chkalov Province; Great Britain; Moscow; Stavropol; Tula)
Brief news. Zhil.-kom. khoz. 6 no. 6:32 '56.

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MURAL PAINTING AND DECORATION
Surzhanenko, A. E. [Painting and alfresco work] Maliarnye i al'freinye raboty. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 351 p.

MURASHKO, M. I.
From documents of the past. P. Hovdia. Mystetstvo no. 5:42-44 S-O '56.

MURMANSK PROVINCE—ORE DRESSING
Flotation of magnetite and hematite from tailings produced at Olenogorsk plant. F. N. Belash, M. A. Gamilov. Gor. zhur. no. 10:49-53 O '56.

MURMANSK PROVINCE—TOMATOES—DISEASES AND PESTS
White rot of tomatoes. V. K. Neofitova. Sad i og. no. 10:29-30 O '56.

MUSCLE
Autolytic conversion of glycogen during cooling and freezing of muscle tissue. P. E. Pavlovskii. Biokhimiia 21 no. 5:616-622 S-O '56.
Carbohydrate-phosphorus metabolism and oxidation in the liver and in skeletal muscles under normal conditions and in experimental thyrotoxicosis [with summary in English]. T. I. Larionova. Vop. med. khim. 2 no. 5:378-389 S-O '56.
Effects of X rays on the regeneration of muscular tissue. T. N. Tuzhilkova. Med. rad. 1 no. 4:14-21 Jl-Ag '56.
Electrophoretic investigation of the fractional composition of proteins of skeletal muscles in invertebrates during ontogenesis. I. I. Ivanov and others. Biokhimiia 21 no. 5:591-595 S-O '56.
Glycogen in the cardiac muscle of chick embryos. E. Kirpichnikova. Dokl. AN SSSR 110 no. 2:285-287 S '56.
Heat resistance of the muscles of crustaceans in connection with the habitat of the species. B. P. Ushakov. Izv. AN SSSR, Ser. biol. no. 5:67-76 S-O '56.
In vivo investigation of the muscle by means of roentgenostructural analysis. B. K. Lemazhikhin, G. M. Frank. Biofizika 1 no. 1:15-22 '56.
Incorporation of methionine into actomyosin and muscle tissue in chronic lead poisoning [with summary in English]. E. D. Grishchenko, V. V. Nikitenko. Vop. med. khim. 2 no. 5:328-337 S-O '56.
Microelectrophoretic investigation of the protein composition of muscle tissue in ontogenesis. B. S. Kasavina, IU. M. Torchinskii. Biokhimiia 21 no. 5:610-615 S-O '56.
Role of the sulfhydryl groups in the contractions of the heart muscle according to experiments with radioactive silver. T. M. Turpaev, M. G. Usynina. Biofizika 1 no. 1:36-42 '56.
Some data on the nature of biopotentials. V. A. Muzheev, M. F. Popova. Biofizika 1 no. 6:741-753 '56.
Sulfur in muscle and tumor tissues [with summary in English]. V. I. Gorodyskii, I. V. Veselaia. Vop. med. khim. 2 no. 5:357-358 S-O '56.

MUSCLE—TRANSPLANTATION
Changes in a muscle flap following transplantation in chronic osteomyelitis due to gunshot wound. V. A. Dudin. Ortop., travm. i protez. no. 5:76-78 S-O '55.
Experimental justification for myoplasty in surgery for hemotogenic osteomyelitis. M. I. Levantovskii, N. N. Kolesnikov. Ortop., travm. i protez. 17 no. 1:24-26 Ja-F '56.
Replacement of osteomyelitic cavities of the leg by muscle flaps. N. S. Mel'nikov. Ortop., travm. i protez. no. 5:75-76 S-O '55.
Strengthening a cardiac suture with an intercostal muscle graft. E. P. Glinskaia. Khirurgiia. 32 no. 8:61-64 Ag '56.

MUSCLES
Functional state of the neuromuscular apparatus in patients with sequelae of cerebrocranial trauma and its modification during fangotherapy associated with exercise therapy. L. S. Drozdovskii. Zhur. nevr. i psikh. 56 no. 10:826-827 O '56.

MUSCLES—DISEASES
Multiple ossification of muscles, connective tissue and the areolar layer in a 13-year-old boy. S. I. Gurovich, V. P. Gasanova. Pediatriia 39 no. 4:79-81 Jl-Ag '56.

MUSCOVITE CRYSTALS see subdivision under Ukraine

MUSCULOSKELETAL SYSTEM
Changes in tissue structure of support-and-locomotor apparatus during immobilization and the effect of functions on restorative processes. O. V. Nedrigailova. Ortop., travm. i protez. 17 no. 1:27-33 Ja-F '56.

MUSIC
(see also subdivision under Czechoslovakia; Rumania)
Brief news on literature and art. Sov. Kazakh. 22 no. 5:128 My '56.
Brief news on literature and art. Sov. Kazakh. 22 no. 10:127-128 O '56.
In the music section. Soob. Inst. ist. isk. no. 6:140-143 '56.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—HISTORY AND CRITICISM
Odoevskii, V. F. [The musical literary heritage] Muzykal'no-literaturnoe nasledie. Moskva, Gos. muzykal'noe izd-vo, 1956. 722 p.
Vasina-Grossman, V. A. [The classical Russian musical romance of the 19th century] Russkii klassicheskii romans XIX veka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 350 p.

MUSIC, WHITE RUSSIAN see subdivision under Kustanay Province

MUSICAL INSTRUMENTS, KOREAN
Korean national musical instruments. Han Cha-sŏn. Nov. Kor. no. 9:20-21 S '56.

MUSICAL REVUES, COMEDIES, ETC. see subdivision under Lvov; Moscow

MUSORGSKII, MODEST PETROVICH, 1839-1881
Musorgskii's operas in Italy. Teatr. 17 no. 10:187 O '56.

MUSTARD
Using mustard seed meal for fattening swine. V. K. Plotnikov. Sel'khoz. Povol. no. 10:75 O '56.

MUSTARD—PHYSIOLOGICAL EFFECT
Effect of chemical stimulation of the skin on the phagocytic reaction of the organism. A. I. Shabalin. Arkh. pat. 18 no. 6:112-113 '56.

MUTATION (BIOLOGY) see Variation (Biology)

MUTNAYA SOPKA
Geological and petrological study of Mutnaya Sopka. T. IU. Marenina. Trudy Lab. vulk. no. 12:8-52 '56.

MYASTHENIA GRAVIS
Problem of the pathogenesis of myasthenia. M. IA. IAvchunovskaia. Zhur. nevr. i psikh. 56 no. 10:821-826 O '56.

MYCORHIZA see subdivision under Taymyr Peninsula

MYIASIS
Case of myiasis linearis cured by ethyl chloride. V. A. Lenartovich. Zdrav. Kazakh. 16 no. 10:40-41 '56.

MYKYTENKO, IVAN KINDRATOVYCH, 1897-
Ivan Mykytenko's ballet plays should be staged. Teatr. 17 no. 10:158 O '56.

MYSHUHA, OLEKSANDR, d. 1922
Oleksandr Myshuha. V. Avdiciev. Mystetstvo no. 5: 37-41 S-O '56.

NADIR SHAH, Shah of Persia, 1688-1747
Status of the Armenian people under the yoke of Nadir Shah (1736-1747). L. Ter-Mkrtchian. Izv. AN Arm. SSR. Obshchestv. nauki no. 10:91-98 O '56.

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—GRAIN
Applying fertilizers to grain crops on the eroded soils of Nagornyy Karabakh. L. A. Sulakova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:71-81 '55.

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—HUMUS
Effect of cultivation practices on the amount of mobile forms of humus in the soil. L. P. Degtiareva. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:153-160 '55.

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—NITRATES
Loss of soluble nutrients from the soil as a result of erosion. L. A. Sulakova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:175-181 '55.

NAILS, INGROWING
Treating ingrowing nails. I. G. Bychkov. Fel'd. i akush. 21 no. 11:16-17 N '56.

NAKHICHEVAN' DISTRICT—ANTIQUITIES
Study of Kyul'tepe Hill. O. A. Abibullaev. Trudy Inst. ist. i filos. AN Azerb. SSR 9:5-25 '56.

NAMES, GEOGRAPHICAL
(see also subdivision under China)
Why is it called that? Ukraina no. 21:32 N '56.

NAMUR, BELGIUM—CYBERNETICS—CONGRESSES
At the Congress on Cybernetics. V. A. Il'in. Vest. AN SSSR 26 no. 11:72-75 N '56.

NAPHTHALENE
Final cooling of gas in connection with the use of tar for removing naphthalene from water. S. G. Fatagol'd, A. I. Shevchenko. Koks i khim. no. 7:32-36 '56.
Preparation of surfactants from alkylnaphthalenes. IU. G. Mamedaliev, Sh. T. Akhmedov. Uch. zap. AGU no. 2:15-18 '55.

NAPHTHALENE—SPECTRA
Luminescence of naphthalene and anthracene admixture crystals. V. N. Vyshnevskyi. Ukr. fiz. zhur. 1 no. 3: 294-307 Jl-S '56.

NAROVLYA DISTRICT—AGRICULTURE
Are we using the land expediently? S. Korobko, A. Pavlov, S. Lebedievskii. Kolkh. Bel. 4 no. 10:7 O '56.

NAROVLYA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Plenary session of a district committee on ideological work. Komm. Bel. 29 no. 11:70 N '56.

NARYN VALLEY—ROCKS, IGNEOUS
Petrology of the Dupkuraky intrusive in the Naryn River Basin. I. M. Mirkhodzhaev. Zap. Uz. otd. Vses. min. ob-va no. 9:61-71 '54.

NASYROVA, KHALIMA
Khalima Nasyrova, people's actress of the U. S. S. R. Dm. Aleksandrov. Sots. Uz. 15 no. 10:20 O '56.

NATIONAL DANCES see subdivision 'Dancing—Folk and national dances' under Kazakhstan

NATIONAL DEBTS see Debts, Public

NATIONALITIES
(see also subdivision under Russia; Ukraine)
"Collective leadership" tactics in the national problem. A. V. IUrchenko. Obz. vazhn. sob. SSSR 3 no. 103:1-15 D '56.
Correspondence between V. I. Lenin and S. G. Shaumian on the nationalities problem. G. S. Akopian. Vop. ist. no. 6:3-14 Ag '56.

NATURAL GAS see Gas, Natural

NATURAL HISTORY—STUDY AND TEACHING
"Nature study excursions" by N. Kuznetsov. Reviewed by M. A. Paporkov. Est. v shkole no. 6:88 N-D '56.

NATURAL HISTORY MUSEUMS see subdivision under Kherson Province

NATURAL RESOURCES
Conference on the conservation of nature in the U. S. S. R. V. B. Dubinin. Zool. zhur. 35 no. 9:1436-1438 S '56.

NAUTILOIDEA, FOSSIL
Stratigraphic significance of Nautiloidea. V. N. Shimanskii, F. A. Zhuravleva. Biul. MOIP. Otd. geol. 31 no. 3: 112-113 My-Je '56.

NAVIES see subdivision 'Navy' under Russia; United States

NAVIGATION see subdivision under Kara Sea

NEANDERTHAL RACE
An interpretation of Mousterian graves; was Neanderthal man religious? V. F. Zybkovets. Vop. ist. rel. i ateiz. no. 4:104-110 '56.

NEBULAE
Balmar decrement of some diffuse nebulae. Soob. Biur. obser. no. 18:3-14 '56.
Photometry of the planetary nebula NGC 6853 ("Dumbbell"). N. A. Razmadze. Astron. zhur. 33 no. 5: 698-707 S-O '56.
Temperature of nuclei of planetary nebulae. G. A. Gurzadian. Soob. Biur. obser. no. 18:15-27 '56.

NECROSIS
"Aseptic necrosis of the head of the femur (osteochondropathia)" by V. P. Gratsianskii. Reviewed by A. P. Skoblin. Ortop., travm. i protez. 17 no. 4:66-67 Jl-Ag '56.
Effect of lesions of the cerebral hemispheres on the process of organization of necrotic tissues. IU. E. Rend. Arkh. pat. 18 no. 6:121-122 '56.

NECTAR PLANTS see Honey plants

NEGROES—EDUCATION see subdivision under United States

NEMATODA
(see also subdivision under Karasuyskiy District; Kazakhstan)
Comparative evaluation of methods for treating sheep strongylosis with phenothiazine. S. D. Ul'ianov. Trudy Inst. zool. AN Kazakh. SSR 3:121-139 '55.
Trophic characteristics of the root knot nematode. S. G. Miage. Zhur. ob. biol. 17 no. 5:396-399 S-O '56.

NEODYMIUM—SPECTRA
Data on the investigation of the isotope shift in the spectrum of neodymium. F. A. Korolev, IU. I. Ostpov. Dokl. AN SSSR 110 no. 3:365-367 S '56.

NEOLITHIC PERIOD see Stone age

NEPAL—FOREIGN RELATIONS—CHINA
The negotiations between the Chinese People's Republic and Nepal. Mezhdunar. zhizn' no. 11:154-157 N '56.

NEPHRITIS see Kidneys—Diseases

NEPTUNIUM—DECAY
On the alpha decay of $Np^{237}$. L. N. Kondrat'ev and others. Izv. AN SSSR. Ser. fiz. 20 no. 8:875-876 Ag '56.

NERSESIAN, GRACHIIA
Grachiia Nersesian in Armenian cinema art. Gr. Chakhir'ian. Isk. kino no. 10:62-69 O '56.

NERVES
Nerves of malignant tumors of various locations. P. A. Borsiug. Arkh. pat. 18 no. 6:113-115 '56.
Tonkov, V. N. [Manual for the practice study of human blood vessels and nerves] Posobie k prakticheskomu izucheniiu sosudov i nervov cheloveka. Izd. 3., ispr. i dop. Leningrad, Medgiz, 1956. 119 p. illus. (DAFM)

NERVES, SPINAL
Effect of asphyxia and exsanguination on spinal reflexes. A. M. Ilontelev. Fiziol. zhur. 42 no. 10:949-953 O '56.
Morphology of the lumbosacral plexus of frogs. S. A. Gasanov. Uch. zap. AGU no. 7:65-72 '55.

NERVES, SPINAL—DISEASES
Strelkova, N. I. [The treatment of radiculitis at health resorts] Kurortnoe lechenie radikulita. Moskva, Medgiz, 1956. 19 p. (DAFM)

NERVES, SPLANCHNIC
Effect of stimulation of the splanchnic nerve on the secretion of adrenal cortex homones in dogs. IU. A. Pankov. Probl. endok. i gorm. 2 no. 5:13-18 S-O '56.

NERVOUS SYSTEM
Changes in the peripheral nervous system under the action of ethyl chloride. E. E. Kenig. Izv. AN Turk. SSR no. 4: 88-90 '56.
Effect of blood transfusion on the higher nervous activity in posthemorrhagic hypochromic anemia. E. G. Vodokhlebova. Arkh. pat. 18 no. 6:82-85 '56.
Immunological reactivity of animals in experimental typhus fever in connection with the different functional states of their nervous system. E. IA. Shterngol'd. Vop. kraev. pat. no. 4:99-107 '54.
Protein metabolism in animal organisms at different functional stages of the central nervous system. N. G. Belen'kii, M. F. Meshcheriakova. Dokl. Akad. sel'khoz. 21 no. 11:22-26 '56.
Role of the nervous system in the mechanism of reactions following blood transfusions. Z. G. Arlozorov and others. others. Vop. perel. krovi. 4:43-50 '55.
Significance of the functional state of the central nervous system in the resistance of animals to oxygen deficiency. F. V. Simonov. Arkh. pat. 18 no. 5:50-55 '56.
Some data on the role of the nervous system in the pathogenesis of reactions occurring in transfusions of different type blood. Report no. 2. F. F. Usikov. Vop. perel. krovi. 4:26-33 '55.
Some functional changes in the nervous system in pernicious anemia. M. I. Shrago. Vop. perel. krovi. 4:77-85 '55.
Some new data in the study of neural mechanisms of the interaction of the cortical signal systems. A. G. Ivanov-Smolenskii. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:315-334 '56.
Studying the nervous system from vascular reflex reactions to intracutaneous adrenaline and histamine injections. K. A. Kalantaevskaia, A. P. Vashchenkova. Zdrav. Kazakh. 16 no. 10:7-10 '56.
System of peripheral nerves and the innervation of organs. B. A. Dombrovskii. Vest. AN Kazakh. SSR 12 no. 10:69-86 O '56.

NERVOUS SYSTEM—DISEASES
Effect of functional disorders of the higher nervous activity on the course of posttransfusion shock in dogs. Kh. M. Markov. Arkh. pat. 18 no. 6:85-94 '56.
Methods of prolonged surface anesthesia and its use in diseases of the peripheral nervous system. V. S. Fomin. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:111-112 O-D '56.
Preventing nervousness in children. M. IA. Turetskii. Fel'd. i akush. 21 no. 10:21-26 O '56.
Third conference on problems of sanatorium and health resort therapy for diseases of the nervous system, held at the Institute. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:114-117 O-D '56.

NERVOUS SYSTEM—HYGIENE
Studying the higher nervous activity of school children in connection with some tasks in the hygiene of the nervous system. L. S. Bogachenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:209-228 '56.

NERVOUS SYSTEM—MAMMALS
Anatomical and topographic data on the sacral and pelvic sacral plexus in swine. I. A. Kalashnik. Sbor. trud. Khar'. vet. inst. 21:432-444 '56.

NERVOUS SYSTEM—SYPHILIS
Prevention, symptoms, and treatment of syphilis of the nervous system. P. E. Maslov, G. V. Robustov, N. M. Turanov. Vest. ven. i derm. 30 no. 5:37-42 S-O '56.

NERVOUS SYSTEM—WOUNDS AND INJURIES
Treatment of peripheral nerve injuries. G. E. Ostroverkhov. Ortop., travm. i protez. no. 8:16-18 N-D '55.

NERVOUS SYSTEM, SYMPATHETIC
Asymmetry of the human sympathetic nerve trunks; preliminary report. S. I. Vladimirtsev. Khirurgiia. 32 no. 8:59-61 Ag '56.
Electrophysiological evaluation of the functional characteristics of fibers in the cervical sympathetic preganglionic trunk in the cat. V. S. Shevaleva. Dokl. AN SSSR 110 no. 3:487-490 S '56.
Modification of the lability of the superior cervical ganglion following the administration of quaternary ammonium compounds. D. A. Kharkevich. Biul. eksp. biol. i med. 42 no. 10:34-38 O '56.

NESMEIANOV, ANDREI NIKOLAEVICH
General meeting of the Academy of Sciences of the U. S. S. R. of October 13, 1956; election of the President of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 26 no. 11:3-9 N '56.

NESVIZH—BOARDING SCHOOLS
At the Nesvizh boarding school; a report. E. Vasil'eva. Biarozka 33 no. 11:4-6 N '56.

NESVIZH DISTRICT—FLAX
For 160 tons of flax fiber from a "TL-40" unit. I. I. Medov. Kolkh. Bel. 4 no. 10:10-11 O '56.

NETHERLANDS—RELATIONS (GENERAL) WITH RUSSIA
Guests from Holland. Sov. mor. 16 no. 17:22 S '56.

NETHERLANDS—VEGETABLE GARDENING
Vegetable gardening in the Netherlands. M. A. Potresova. Sad i og. no. 10:30-31 O '56.

NETS
Effect of the action of waves on the fishing net. F. I. Baranov. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:13-16 '54.

NETWORKS, ELECTRIC see Electric networks

NEUROLOGY
Role of clinical neurology in the sixth five-year plan. N. I. Grashchenkov. Zhur. nevr. i psikh. 56 no. 10: 765-777 O '56.

NEUROSES
Developing conditioned inhibition and disinhibition in response to the same stimulus in neuroses in children. Z. L. Sinkevich. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:220-237 '56.
Peculiarities of the interaction between the first and second signal systems during the formation of a conditioned inhibition in neuroses in children. T. V. Strokina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:238-262 '56.

NEUTRONS
Cross section of the inelastic interaction of 14, 5 Mev neutrons with various elements. N. N. Flerov, V. M. Talyzin. Atom. energ. no. 4:155-157 '56.
Molecular neutronoscopy. V. I. Gol'danskii. Zhur. eksp. i teor. fiz. 31 no. 4:717-716 O '56.
Nuclear levels with odd neutron numbers, Z= 11+ 28. A. M. Demidov. Izv. AN SSSR. Ser. fiz. 20 no. 8:962-966 Ag '56.

NEUTRONS—CAPTURE
Investigating gamma-ray spectra following neutron capture in $Na^{23}$ and $Th^{232}$. N. A. Bugrov, G. V. Danilian. Izv. AN SSSR. Ser. fiz. 20 no. 8:941-945 Ag '56.

NEUTRONS—SCATTERING
Correlation between neutron scattering and heat capacity in polycrystals. M. V. Kazarnovskii. Zhur. eksp. i teor. fiz. 31 no. 4:696-698 O '56.
Fast neutron scattering by nuclear Coulomb fields. IU. A. Aleksandrov, I. I. Bondarenko. Zhur. eksp. i teor. fiz. 31 no. 4:726-727 O '56.

NEW YEAR
At the New Year's celebration. V. Strunin. Vozhatyi 32 no. 11:47-49 N '56.
Holiday of the New Year's tree. E. Orlova. Sem'ia i shkola 11 no. 12:27-29 D '56.

NEW YORK (CITY)—MOTION PICTURES
Soviet motion pictures in the U. S. Isk. kino no. 10:111 O '56.

NEW YORK (CITY)—PARKS
Robert Moses, builder of parks. Richard Montague. Amerika no. 3:24-28 '56.

NEW YORK (CITY)—RAILROADS, ELEVATED
End of the El. V zasheh. mira no. 65:42-43 O '56.

NEW YORK (CITY)—SKYCRAPERS
Skyscraper walls go up in one day. Amerika no. 3:54-55 '56.

NEWSPAPER AND PERIODICAL CIRCULATION
(see also subdivision under Babrovitsa District; Daghestan; Dnepropetrovsk Province; Kineshma; Labinsk; Leningrad; Novosibirsk; Oposhnya District; Pskov; White Russia)
Draw up documents with great care. A. Voropai. Raspr. pech. no. 10:6-7 O '56.
Enlarge in every possible way individual subscriptions to newspapers and periodicals of the special branches of industry. Raspr. pech. no. 10:1-3 O '56.
Improve the retail distribution of publications consistently. Raspr. pech. no. 10:3 of cover. O '56.
Most important problems in subscription work. Raspr. pech. no. 10:4-6 O '56.
New regulations for the operations of Union Press newsstands. Raspr. pech no. 10:15 O '56.
Ukrainian newsstand operators visited White Russia. Raspr. pech. no. 10:11 O '56.
Volodin, S. A. [Supplying the trade organization of the Union Press] Snabzhenie torgovoi seti Souzpechati. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 42 p.

NEWSPAPER AND PERIODICAL CIRCULATION—ACCOUNTING
(see also subdivision under Brest Province; Tuva Autonomous Province)
More about counterfoils of receipt books. L. Fesenko. Raspr. pech. no. 10:20 O '56.
Valuable suggestion of I. G. IAskovich, a district organizer. Raspr. pech. no. 10:18-19 O '56.

NEWSPAPERS, RUSSIAN see Russian newspapers

NEWSPAPERS, WHITE RUSSIAN see White Russian newspapers

NICHOLAS OF AUTRECOURT, 1300-?
Nicholas of Autrecourt and the ancient Greek atomists. V. P. Zubov. Trudy Inst. ist. est. i tekh. 10:336-383 '56.

NICKEL
Amperometric titration of nickel with anthranilic acid. Part 3. A. K. Zhdanov, A. M. IAkubov. Trudy SAGU no. 55:85-89 '54.
Secondary electron emission of nickel and molybdenum at low energies of primary electrons. A. R. Shul'man, B. I. Miakinin. Zhur. tekh. fiz. 26 no. 10:2223-2233 O '56.

NICKEL—METALLURGY see subdivision under Ural Mountain region

NICKEL-CHROMIUM ALLOYS—COLD WORKING
Kishkin, S. T., A. M. Sulima, and V. P. Stroganov. [Investigating the effect of cold working on the mechanical properties and the structure of EI437A alloy] Issledovanie vliianiia naklepa na mekhanicheskie svoistva i strukturu splava EI437A. Moskva, Gos. izd-vo oboronnoi promyshlennosti, 1956. 85 p. (Moscow. Aviatsionnyi institut. Trudy, no. 71)

NICKEL-COPPER ALLOYS see Copper-nickel alloys

NICKEL-IRON-MOLYBDENUM ALLOYS see Molybdenum-iron-nickel alloys

NICKEL ORES
Complex reduction of polymetallic iron and nickel ores as basis for new methods of their chemical processing. G. G. Urazov, D. P. Bogatskii. Izv. AN SSSR, Otd. khim. nauk no. 10:1159-1167 O '56.

NICKEL PLATING
Galvanic coating of aluminum and aluminum alloys. V. A. Il'in. Med. prom. no. 2:12-15 Ap-Je '55.
Restoring fixed couplings. A. Lashas. MTS 16 no. 10: 31 O '56.

NICOTINE
Viscosity of certain binary systems with nicotine. V. V. Udovenko, S. F. Babak. Trudy SAGU no. 40: 9-16 '53.

NICOTINIC ACID—THERAPEUTIC USE
Some data on the use of nicotinic acid in complications of radiotherapy. IU. G. Grigor'ev. Med. rad. 1 no. 4: 67-70 Jl-Ag '56.

NIGERIA
[Congo, Nigeria] Kongo, Nigeriia. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 29 p. (Strany Afriki. Geograficheskie spravki)

NIGHT SKY
Variations of intensity of noctural sky luminosity in the near infrared region. L. M. Fishkova. Biul. Abast. astrofiz. obser. no. 19:3-23 '55.

NIGHTSHADE
Vegetative hybridization as a method of overcoming non-crossability in the nightshade family. I. A. Samsonova. Uch. zap. Mosk. un. no. 186:161-165 '56.

NIKITIN, VASILII PETROVICH, 1893-1956
Vasilii Petrovich Nikitin; obituary. Izv. AN Turk. SSR no. 3:91-92 '56.

NIKOLAYEV PROVINCE—AGRICULTURE—STUDY AND TEACHING
Agricultural study room in a collective farm palace of culture. O. Shamardin. Sots. kul't. 9 no. 10:19-20 O '56.

NIKOLAYEV PROVINCE—COMMUNITY CENTERS
Agricultural study room in a collective farm palace of culture. O. Shamardin. Sots. kul't. 9 no. 10:19-20 O '56.

NIKOLAYEV PROVINCE—MACHINE-TRACTOR STATIONS
Improving planning and the organization of repairing machine-tractor equipment. B. S. Danylko. Mekh. sil'. hosp. 7 no. 11:19-20 N '56.

NIKOLAYEV PROVINCE—TRACTORS—REPAIRING
Improving planning and the organization of repairing machine-tractor equipment. B. S. Danylko. Mekh. sil'. hosp. 7 no. 11:19-20 N '56.

NIKOLOGORY—RADIO—APPARATUS AND SUPPLIES
Improvement seen in radio parts trade. R. Vintilov. Radio no. 11:20 N '56.

NIKOPOL'—MANGANESE OXIDES
The isocolloidal series pyrolusite-psilomelane-manganite in Nikopol' manganese oxide ores. V. A. Perederiev. Min. sbor. no. 10:331-339 '56.

NIKOPOL'—PHYSICAL EDUCATION AND TRAINING
Vasil'ev, V. L. [On the bank of Kakhovka Reservoir] Na beregu Kakhovskogo moria. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 84 p.

NIMZOWITSCH, AARON, 1886-1935
Taimanov, M. E. [Nimzowitsch's defense; an analysis of his principal openings] Zashchita Nimtsovicha; analiz osnovnykh debiutnykh sistem. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 237 p.

NINHYDRIN
Determining amino nitrogen in blood by the ninhydrin method. IU. N. Kremer, A. L. Valtnere. Lab. delo 2 no. 6:3-6 N-D '56.

NIOBIUM
Tantalum and niobium in the chemical industry. G. V. Samsonov, V. I. Konstantinov. Khim. nauka i prom. 1 no. 5:517-522 '56.

NIOBIUM—ANALYSIS
Determining niobium in titanium tetrachloride. R. S. Tramm, K. S. Pevzner. Zav. lab. 22 no. 9:1025-1027 '56.

NIOBIUM—ISOTOPES
Decay schemes of $Zr^{97}$ and $Nb^{97}$. N. N. Dellagin and others. Izv. AN SSSR. Ser. fiz. 20 no. 8:913-924 Ag '56.
Investigation of radioactive decay chains. V. S. Shpinel', G. A. Kuznetsova. Zhur. eksp. i teor. fiz. 30 no. 2:231-242 F '56.

NITRATES see subdivision under Nagorno-Karabakh Autonomous Province

NITROGEN
Amino nitrogen of blood proteins in various forms of epilepsy and its diagnostic significance; preliminary communication. K. I. Gurkina, P. V. Konnikova. Zhur. nevr. i psikh. 56 no. 10:807-810 O '56.
Investigation of the thermodynamic properties of air and nitrogen at low temperatures under pressure. Part 1. Determination of the isothermal choke effect for air and nitrogen. I. P. Ishkin, M. G. Kaganer. Zhur. tekh. fiz. 26 no. 10:2329-2337 O '56.
Investigation of the thermodynamic properties of air and nitrogen at low temperatures under pressure. Part 2. Thermodynamic phase diagrams for air and nitrogen. I. P. Ishkin, M. G. Kaganer. Zhur. tekh. fiz. 26 no. 10: 2338-2347 O '56.
Quantitative determination of free amino acid nitrogen by the ninhydrin method of isothermic separation of $CO_2$ [with summary in English]. G. V. Romanov, P. G. Gorkavi. Vop. med. khim. 2 no. 5:390-392 S-O '56.

NITROGEN—FIXATION
Nitrogen-fixing activity of nodule bacteria during various developmental stages of pea and vetch plants. M. V. Fedorov, D. Laslo. Izv. TSKhA no. 2:61-82 '56.

NITROGEN—ISOTOPES
Temperature dependence of the coefficient of nitrogen isotope separation on chemical exchange between ammonia and ammonium nitrate solution [with English summary in insert]. V. IU. Orlov, N. N. Tunitskii. Zhur. fiz. khim. 30 no. 9:2085-2089 S '56.

NITROGEN IN THE BODY
Determining amino nitrogen in blood by the ninhydrin method. IU. N. Kremer, A. L. Valtnere. Lab. delo 2 no. 6:3-6 N-D '56.
Investigation of the nitrogen-containing constituents in the brain of rabbits following prolonged sleep induced by soporifics. M. Sh. Promyslov. Dokl. AN SSSR 110 no. 3:417-420 S '56.

NITROGEN METABOLISM
Studying metabolism in clover plants with the aid of radioactive sulfur. P. A. Vlasiuk, E. S. Kosmatyi, Z. M. Klimovitskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:33-38 '55.

NITRON—PHYSIOLOGICAL EFFECT see Plants, Effect of nitrogen on

NIZHNE-UVEL'SKOYE—CLAY
Use of clay from the Nizhne-Uvel'skoye deposits by insulator plants in the Urals. I. M. Verkhovskii, G. A. Muzylev, R. A. Rodin. Vest. elektroprom. 27 no. 5:25-29 My '56.

NIZHNIY TAGIL—JOURNALISM
Achieve the goal with persistence. A. Ermakov. Sov. pech. no. 11:25-26 N '56.

NIZHNIY TAGIL—RADIO CLUBS
Taking the initiative. B. Dziubin. Radio no. 11:11 N '56.

NIZHNIY MISKHOV—HOTELS, TAVERNS, ETC.
The All-Russian Theatrical Society is building a rest home in the Crimea. Teatr 17 no. 11:179 N '56.

NOISES
Effect of loud noises on human motor functions. A. P. Bruzhes, A. A. Arkad'evskii. Biofizika 1 no. 1:86-94 '56.

NONFERROUS METAL INDUSTRIES
Discussion at the "Electrozinc" plant of a book by I. M. Gratsershtein, R. D. Malinova, entitled "Organization and planning in nonferrous metal industries." E. IA. TSvet. met. 29 no. 10:84-85 O '56.
The furnace theory in nonferrous metal industries. D. A. Diomidovskii. TSvet. met. 29 no. 10:19-31 O '56.
Optimum parameters for shaft furnaces being used in nonferrous metal industries. A. M. Davidson. TSvet. met. 29 no. 10:31-34 O '56.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—ELECTROMETALLURGY
Operating machines for continuous annealing of nonferrous metal strips by the electric resistance method. S. A. Kushakevich, M. M. Lazarev. TSvet. met. 29 no. 10:64-69 O '56.

NORITE see subdivision under Podolia

NORTH ATLANTIC TREATY ORGANIZATION
Confused leaders of N. A. T. O. Mezhdunar. zhizn' no. 10:114-116 O '56.
The Suez problem and the crisis in the Atlantic bloc. N. Molchanov. Mezhdunar. zhizn' no. 11:80-89 N '56.

NORTH KOREA see Korea, North

NORTHEAST CHINA—DRUG INDUSTRY
Pharmaceutical plant. Nar. Kit. no. 21:19-20 N '56.

NORTHEAST PASSAGE
Leningrad. Arkticheskii nauchno-issledovatel'skii institut. [History of the discovery and use of the North Sea route] Istoriia otkrytiia i osvoeniia Severnogo morskogo puti. Moskva, Izd-vo "Morskoi transport."
Vol. 1. Belov, M. I. [Arctic voyages from ancient times to the middle of the 19th century] Arkticheskoe moreplavanie s drevneishikh vremen do seredины XIX veka. 591 p.
Northern sea route. L. Kruhlikov-Brechanyi. Ukraina no. 22:31 N '56.

NORTHERN CAUCASUS see Caucasus, Northern

NORWAY—FISHERIES
Fisheries of Norway. IU. IU. Marti. Ryb. khoz. 32 no. 11:53-57 N '56.
Norwegian fishing industry. V. P. Zaitsev. Ryb. khoz. 32 no. 11:46-53 N '56.

NORWAY—FISHERY PRODUCTS—PRESERVATION
Fish processing in Norway. N. T. Berezin. Ryb. khoz. 32 no. 11:67-69 N '56.

NORWAY—RELATIONS (GENERAL) WITH RUSSIA
We are friends. A. IAkovleva. Vozhatyi 32 no. 11:20-22 N '56.

NOSE—DISEASES
Materials on the study and prevention of diseases in swine causing the snout to turn sidewise and upwards. G. V. TSapenko. Sbor. trud. Khar'. vet. inst. 21:232-241 '56.

NOVAYA ODESSA DISTRICT—FURNITURE INDUSTRY
We turn out high-quality production. V. Vozniyi. Prom. koop. no. 11:7 N '56.

NOVGOROD—THEATER
Novgorod. Teatr. 17 no. 10:135-136 O '56.

NOVGOROD (DUCHY)—ECONOMIC CONDITIONS
The social division of work and feudal rent in 15th century Novgorod. V. N. Bernadskii. Uch. zap. Ped. inst. Gerts. 102:117-163 '55.

NOVGOROD (DUCHY)—LAND TENURE
"Outline history of land tenure and agriculture in the territory of Novgorod during the 14th and 15th centuries." L. V. Danilova. Reviewed by A. I. Kopanev. Vop. ist. no. 10:135-141 O '56.

NOVIKOV-PRIBOI, ALEKSEI SILYCH, 1877-1944
On a hunting trip with A. S. Novikov-Priboi. S. IUrasov. Okh. i okh. khoz. no. 11:53 N '56.

NOVITSKII, VITOL'D, 1878-1941
In memory of Professor V. F. Novitskii. E. I. Pal'chevskii. Arkh. pat. 18 no. 6:140 '56.

NOVOCAINE
Changes in sensory chronaxy in lupus erythematosus following a procaine block of trigeminal nerve endings. Vest. ven. i derm. 30 no. 5:14-15 S-O '56.
The state of cerebral currents in eczema, neurodermitis and nettle rash and changes following novocain and sleep therapy. R. IA. Malykin and others. Vest. ven. i derm. 30 no. 5:3-10 S-O '56.
Treating some diseases of the external and middle ear by a novocaine block. B. Kh. Ibragimov. Izv. AN Turk. SSR no. 3:80-85 '56.

NOVOSIBIRSK—NEWSPAPER AND PERIODICAL CIRCULATION
Newsstand operators improve their qualifications. A. Medianskaia. Raspr. pech. no. 10:8-9 O '56.

NOVOSIBIRSK—STREETCARS
Two-way high frequency communication in the city electric transportation. A. Demin. Zhil.-kom. khoz. 6 no. 9:15-17 '56.

NOVOSIBIRSK PROVINCE—AGRICULTURE
Problems in the development of agriculture in Novosibirsk Province. N. Zhukovskii. Sots. sel'khoz. 27 no. 7:3-6 '56.

NOVOTEL'NOV, SERGEI ABRAMOVICH
Professor S. A. Novotel'nov. D. A. Novozhilov. Ortop., travm. i protez. 17 no. 4:70-71 Jl-Ag '56.

NOVOUFA—PETROLEUM—REFINING
Efficiency in the Novoufa oil refinery. A. A. Grechko. Neftianik 1 no. 11:19-20 N '56.

NOVYY MILYATIN DISTRICT—DAIRY CATTLE BREEDING
Breeding work on a collective farm. IE. M. Ivantsiv. Sots. tvar. 28 no. 11:35-37 N '56.

NOZZLES
Theory of an oil-operated "nozzle-flapper" type control device [with English summary in insert]. A. G. Shashkov. Aviom. i telem. 17 no. 11:1000-1019 N '56.

NU, U, 1906-
Striking achievements. Maung Nu. Ogonek 34 no. 45:4 N '56.

NUCLEAR SHELL THEORY

A comparison of the stability of nuclear shells and molecular bonds [with Russian abstract]. Zhur. fiz. khim. 31 no. 2:[illegible] F '57.

NUCLEI, ATOMIC

Nuclei with [illegible] connected with lead, copper, radium, and [illegible] nuclei. N. I. Ignatenko and others. Atom. energ. 3 no. 9:[illegible] S '57.

[illegible] nuclear isomerism model. V. M. Strutinskii. Atom. energ. 3 no. 8:154 '57.

Nuclear levels with [illegible] quantum numbers. Zh. E. Eda. [illegible] Fiz. 32 no. 8:[illegible] Aug '57.

[illegible] of [illegible] A. Ryabov [illegible] Fiz. 32 no. 8:[illegible] Aug '57.

Shell [illegible] of [illegible] A. Ryabov [illegible] Fiz. 32 no. 8:[illegible] Aug '57.

NUCLEI, ATOMIC - DECAY

Diagram of [illegible] with [illegible]. Significance intensity of [illegible] [illegible] [illegible]. I. I. Gurevich, [illegible] and [illegible]. Izv. AN SSSR. Ser. fiz. 21 no. 8:[illegible] Aug '57.

NUCLEIC ACID

Effect of nucleic compounds on the activity of proteolytic enzymes of [illegible]. M. V. Dmitrieva. Biokhimiia 21 no. 5:[illegible] S-O '56.

[illegible] [illegible] of nucleic [illegible] [illegible] [illegible]

OCEAN BOTTOM (Continued)
Study of the consistency of certain present-day ocean bottom deposits. O. K. Bordovskii. Trudy Inst. okean. 17:137-140 '56.

OCEAN CURRENTS
Determining steady-wind-driven currents in a baroclinic layer of the ocean. A. S. Sarkisian. Trudy Geofiz. inst. no. 37:50-61 '56.
Investigation of ocean currents (from "Tellus," no. 3, 1954 and others). Radio no. 11:53 N '56.

OCEAN SOUNDS
Inaudible sounds antipode of the supersonic waves. Tekh. mol. 24 no. 11:38 N '56.

OCEANOGRAPHIC RESEARCH
(see also subdivision under Far East)
Some characteristic features of contemporary oceanographic research. K. K. Giul', V. M. Zhirnov. Uch. zap. AGU no. 5:21-30 '55.

OCTANE
Synthesis of 2-cyclopentyloctane and 5, 5-dimethylundecane. G. A. Tarasova, G. S. Taits, A. F. Plate. Izv. AN SSSR. Otd. khim. nauk no. 10:1267-1269 O '56.

ODESSA—BATHS, MOOR AND MUD
Mud therapy for diseases of the joints in Odessa Health resorts and in centers outside the resort, in combination with other methods: carbon dioxide baths, tissue therapy and intracutaneous novocaine injections. V. V. Guk. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:109-111 O-D '56.

ODESSA—MOTION-PICTURE INDUSTRY
Studio of debutants. I. Vershinina. Ogonek 34 no. 48:26 N '56.

ODESSA PROVINCE—CORN BREEDING
Developing hybrid corn in Odessa Province. A. S. Mustiko, P. F. Kliuchko. Mich. uch. na sluz. nar. no. 3:20-33 '55.

OFFSET PRINTING
Some technical aspects of preparing bimetallic offset forms. I. R. Kliachko and others. Nauch. trudy MPI no. 4:165-176 '56.

OIL see Mineral oils; Petroleum

OIL ANALYSIS
Determining wear resistant properties of oils with the aid of radioactive isotopes. V. S. Shadiklan, A. N. Toropchinov. Vest. TSNII MPS 15 no. 1:17-22 Ag '56.

OIL ENGINES see Gas and oil engines

OIL FIELD FLOODING
Economy in using edge-water drive and complete oil field flooding in the later stage of formation exploitation. G. I. Blank. Azerb. neft. khoz. 35 no. 9:46-48 S '56.
Effect of petroleum viscosity on the effectiveness of flooding. A. P. Ambartsumian and others. Azerb. neft. khoz. 35 no. 7:18-22 Jl '56.
Measuring the effectiveness of edge-water drive. B. IA. Gombiner. Azerb. neft. khoz. 35 no. 7:42-45 Jl '56.
Some problems in radial water displacement of petroleum from a pool with nonhomogeneous permeability. G. G. Vakhitov, G. L. Govorova. Trudy VNII no. 8:250-261 '56.
Using isotopes for studying oil field flooding. I. I. Korganov. Azerb. neft. khoz. 35 no. 7:24-26 Jl '56.

OIL FIELD WORKERS see Petroleum workers

OIL FIELDS—EQUIPMENT AND SUPPLIES
Standardizing oil-water separators and pump stations. S. N. Aronov. Stroi. pred. neft. prom. 1 no. 8:5-8 O '56.

JATION
of oil reserves in the formation. F. I.
ianik 1 no. 11:24-26 N '56.

; double oil filters. L. Zagoriuev.
22:14-15 N '56.
neability of coarse oil filters in diesel
netsova, V. Gnoianik. Tekhsov. MTS
! '56.

sion under Uzbekistan)
id contest for the introduction of in-
al improvements and efficiency sug-
of the Russian Office of Vegetable
ler the Ministry of the Food Products
S. F. S. R. Masl. -zhir. prom. 22

EQUIPMENT AND SUPPLIES
g particles of oilseed meals, oil
n husks. G. L. Gryzlov. Masl. -zhir.
2 '56.
continuous carbonate saponification
P. Bespiatov, E. A. Preobrazhenskaia.
Masl. -zhir. prom. 22 no. 7:29-30

OIL SANDS
Methods of determining the permeability of sands on the basis of core samples. A. N. Snarskii, V. IA. Sinitsyn. Azerb. neft. khoz. 35 no. 7:4-6 Jl '56.

OIL SHALES
Investigating the process of shale dust gasification. A. M. Gurvich, IU. E. Snar. Gaz. prom. no. 6:5-11 Je '56.

OIL WELL DRILLING
Drilling wells with an electric drill in casings. A. N. Babikov, S. I. Chepurnoi. Neftianik 1 no. 11:5-8 N '56.
The electric drill breaks through by itself. I. Egorov. Neftianik 1 no. 11:9-11 N '56.
Generalization of innovators' experience. A. Mikhailov. Neftianik 1 no. 11:31 N '56.
Kariagin, I. D., L. M. Tomashpol'skii, and M. D. Kotliar. [Planning over-all organization of boring work] Proektirovanie kompleksnoi organizatsii burovykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 99 p.
Potential means for increasing labor productivity in petroleum well boring. M. IU. Stasiv. Visnyk AN URSR 27 no. 11:29-37 N '56.
Selecting the quantity of circulating fluid and the turbodrill in developing efficient drilling conditions. V. G. Belikov. Azerb. neft. khoz. 35 no. 7:11-12 Jl '56.
Smooth completion of wells. A. L. Zhulavnik. Azerb. neft. khoz. 35 no. 9:21-23 S '56.
Vadetskii, IU. V., and I. F. Shalimov. [Drilling oil and gas wells] Burenie neftianykh i gazovykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 418 p.
We can and should pass Baku. V. E. Lisov. Neftianik 1 no. 11:27-28 N '56.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES
Calculating casings for external hydrostatic pressure. S. B. Guseinov. Azerb. neft. khoz. 35 no. 9:32-34 S '56.
Controlling the operation of mud pumps by means of a hydraulic coupling and hydraulic transformer. K. A. Ibatulov. Azerb. neft. khoz. 35 no. 7:12-15 Jl '56.
New friction material for the draw works brake. G. M. Shakhmaliev, G. E. Lazarev. Azerb. neft. khoz. 35 no. 9:10-11 S '56.
Readers' letters. Neftianik 1 no. 11:35 N '56.
Reducing the consumption of casings. A. F. Rustambekov and others. Azerb. neft. khoz. 35 no. 7:8-10 Jl '56.
Russia (1923- U.S.S.R.) Ministerstvo neftianoi promyshlennosti. [Four-speed draw works for drilling; technical conditions for checking in for major repairs and for returning after repairs] Lebedki chetyrekhskorostnye dlia bureniia; tekhnicheskie usloviia na sdachu v kapital'nyi remont i na postavku posle remonta. Vedomstvennaia normal' Ministerstva N507-56. [Moskva] 1 v. (unpaged)

OIL WELL DRILLING, SUBMARINE
(see also subdivision under United States)
Corrosion protection in offshore oil fields. V. F. Negreev, L. N. Zemskova. Azerb. neft. khoz. 35 no. 9:44-45 S '56.
Some problems of deep-seating piles in the ground in connection with erecting offshore oil installations. IU. S. Davydovskii. Azerb. neft. khoz. 35 no. 9:37-40 S '56.

OIL WELL PUMPS
Power characteristics of pumping unit drives with motors of the AOP and AOS series. M. I. Mel'nikov. Energ. biul. no. 11:8-14 N '56.

OIL WELLS
Beliakov, M. F. [Geothermic observations in well boring and their interpretation] Geotermicheskie nabliudeniia v burovykh skvazhinakh i ikh interpretatsiia. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1955. 37 p.
Heat transfer during ascent of petroleum in the well. A. IU. Namiot. Trudy VNII no. 8:400-412 '56.
Temperature changes in oil and gas wells. A. IU. Namiot. Trudy VNII no. 8:347-360 '56.

OIL WELLS—EQUIPMENT AND SUPPLIES
Defects in the existing practice of testing casing for hydraulic pressure. I. F. Pivovarov, B. B. Dadashev. Azerb. neft. khoz. 35 no. 7:39-41 Jl '56.

OIL WELLS—EQUIPMENT AND SUPPLIES—REPAIRING
Dismantling outworn lock joints by means of electric induction heating. E. Kh. Mekhtiev, T. N. Kornev. Azerb. neft. khoz. 35 no. 9:12-13 S '56.
Lavrushko, P. N. [Underground well repairs] Podzemnyi remont skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 386 p. (V pomoshch' novym kadram neftianoi promyshlennosti)
The most suitable period for underground repairing of pumping wells. Kh. M. Aliev, M. I. Lalaev. Azerb. neft. khoz. 35 no. 9:23-24 S '56.
Scraper for cleaning paraffin in pipes of free-flowing wells. D. N. Pokhodilo. Neftianik 1 no. 11:13 N '56.

OIL WELLS—REPAIRING
Madera, R. S., and G. D. Nuridzhanov. [New technology of lowering and pulling operations in underground repair of oil wells] Novaia tekhnologiia spusko-pod"emnykh operatsii v podzemnom remonte neftianykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo neftianoi i nauchno-tekhn. lit-ry, 1956. 224 p.

OILS, ESSENTIAL see Essences and essential oils

OILS AND FATS
(see also subdivision under China)
Possibilities for utilizing fatty acids of sperm whale blubber. L. P. Bezzubov. Masl. -zhir. prom. 22 no. 7:25-27 '56.

OILS AND FATS—BIBLIOGRAPHY see Bibliography—Oils and fats

OILSEED PLANTS
[Technical and oilseed crops.] Tekhnicheskie i maslichnye kul'tury nos. 7, 12 Jl, D '56.

OILSEEDS—STORAGE
Standard storages for oilseeds. V. K. Rubtsov, S. K. Vaintsvaig, L. S. Volchek, M. [illegible] -zhir. prom. 22 no. 7:13-14 '56.

OINTMENTS
Results of using a preparation "antipsoriaticum" for the treatment of psoriasis. A. A. Studnitsin and others. Vest. ven. i derm. 30 no. 5:53 S-O '56.
Treating callosities with a salicylic acid-mercuric sulfate paste. M. I. Polilov. Fel'd. i akush. 21 no. 11: 43 N '56.

OKA VALLEY—ETHNOLOGY
Anthropological composition of the population in the Volga-Oka Basin. T. I. Alekseeva. Trudy Inst. etn. 33:37-72 '56.

OKA VALLEY—GAME PRESERVES
Beavers in the Oka Terrace Game Preserve. I. Alekxandrova. Okh. i okh. khoz. no. 11:25 N '56.

OKA VALLEY—SNIPES
On the biology and sporadic occurrence of Capella media Lathm. in Oka River bottomlands. A. F. Alekseev. Zool. zhur. 35 no. 9:1422 S '56.
On the biology and sporadic occurrence of Capella media Lathm. in Oka River bottomlands [with English summary in insert]. A. F. Alekseev. Zool. zhur. 35 no. 9:1422 S '56.

OKHOTSK, SEA OF—MARINE BIOLOGY
Determining the production of organic matter in certain regions of Bering and Okhotsk Seas. D. A. Smetanin. Trudy Inst. okean. 17:192-203 '56.

OKHOTSK, SEA OF—OCEAN BOTTOM
Chemistry of bottom deposits in the Sea of Okhotsk. S. V. Bruevich. Trudy Inst. okean. 17:41-132 '56.

OLBIA—COMMERCE—SCYTHIA
Trade relations of Olbia with Scythia in the 4th-1st centuries B. C. N. N. Bondar'. Sov. arkheol. 25: 124-137 '56.

OLD AGE
We enjoy old age. I. Gramzova, M. Gankin. Sov. khen. 12 no. 12:26-27 D '56.

OLD AGE HOMES
Old people's home on a collective farm. S. Dratolubov. Ogonek 34 no. 48:21 N '56.

OLD AGE PENSIONS
To thee, our beloved country. M. P. Tiurina. Prom. koop. no. 11:21 N '56.

OLEKO DUNDIĆ IN LITERATURE AND ART
A film about Oleko Dundić. L. Lukov. Staviane no. 11: 27-28 N '56.

OLYMPIC GAMES
(see also subdivision under Melbourne)
Girls in the Olympics past and present. Jack Taylor. Mol. mira no. 10:10 '56.

OMSK—HISTORY
"Outline history of Omsk" by M. K. IUrasova. Reviewed by B. V. Kondrikov. Vop. ist. no. 8:190 Ag '56.

OMSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
[Under new conditions; party work in rural districts of Omsk Province] V novykh usloviiakh; iz opyta partiinoi raboty v sel'skikh raionakh Omskoi oblasti. [Omsk] Omskoe obl. kn-vo, 1956. 76 p.

OMSK PROVINCE—RECLAMATION OF LAND
[A year of work in the reclamation of new and waste lands in Omsk Province; the experience of collective farms, machine-tractor stations, and state farms] God raboty po osvoeniiu tselinnykh i zalezhnykh zemel' v Omskoi oblasti; iz opyta kolkhozov MTS i sovkhozov. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 343 p. (DA)

OMSK PROVINCE—ROADSIDE IMPROVEMENT
More attention to local roadside improvement; survey of unpublished articles. Avt. dor. 19 no. 10:29-30 O '56.

ONCHOCERCIASIS
Clinical aspects and diagnosis of reticular onchocerciasis in horses. M. A. Palimpsestov. Sbor. trud. Khar'. vet. inst. 21:375-379 '56.

O'NEILL, EUGENE GLADSTONE, 1888-1953
Unknown play by Eugene O'Neill ("Long day's journey into night" [in English] by Eugene O'Neill. Reviewed by A. Stariaev). Inostr. lit. no. 11:261-262 N '56.

ONIONS
Interesting case of bulb formation in the inflorescence of onion. V. V. Blagoveshchenskii. Bot. zhur. 41 no. 8: 1171-1172 Ag '56.
Intervarietal hybridization of onions. M. F. Peregudt. Sad i og. no. 10:16-18 O '56.

ONIONS—STORAGE
Method of storing onion and garlic. A. P. Petrov. Sad i og. no. 10:28-29 O '56.

ONTOGENY (BOTANY)
Morphology and anatomy of cauliflower in ontogeny. L. A. Siudskaia. Izv. TSKhA no. 2:107-118 '56.

OOGENESIS
Effect of low temperatures on the stimulation of trophoplasmatic growth of oocytes in fishes. IU. G. Alecv. Dokl. AN SSSR 110 no. 3:491-493 S '56.
Particular features of early stages of embryonic development of eggs in chicks of various age. N. S. Anorova. Dokl. AN SSSR 110 no. 3:494-496 S '56.
Role of nucleic acids in the oogenesis and fertilization of Fasciola hepatica L. N. A. Bogomolova. Dokl. AN SSSR 110 no. 3:461-464 S '56.

OPEN-AIR TREATMENT
Four year practice of aerotherapy for cardiovascular diseases. R. L. Gel'bart. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:46-51 O-D '56.

OPEN-HEARTH FURNACES
Automatization of blast and open-hearth furnaces. A. K. Adabash'ian, V. IU. Kaganov. Priborostroenie no. 10: 6-8 O '56.
Tending an open-hearth furnace independently. V. Emel'ianov. Prof.-tekh. obr. 13 no. 11:17-18 N '56.

OPERA
(see also subdivision under Leningrad)
Creative laboratory. Teatr. 17 no. 10:183 O '56.
In lieu of a review; after a performance of "War and Peace at the Malegot. M. Sokol'skii. Teatr 17 no. 11:68-74 N '56.

OPERA, RUSSIAN see subdivision under Milan

OPERATIC MOTION-PICTURES see subdivision 'Motion pictures, Musical' under Astrakhan

OPERATORS (MATHEMATICS)
Characteristic matrix functions of linear operators. M. S. Brodskii. Mat. sbor. 39 no. 2:179-200 Jr '56.
K-spaces of bounded self-conjugate operators. V. D. Liubovin. Uch. zap. Ped. inst. Gerts. 125:119-155 '56.
Markov processes and operator semi-groups [with summary in English]. E. B. Dynkin. Teor. veroiat. i ee prim. no. 1:26-27 '56.
Spectral function of the operator $-\sum_{i,j=1}^{k} \frac{\partial}{\partial x_i}\left[a_{ij}(x_1,x_2,x_3)\frac{\partial u}{\partial x_j}\right]+C(x_1,x_2,x_3)u$. M. Sh. Fleksler. Mat. sbor. 40 no. 1:3-22 S '56.

OPERETTAS see subdivision 'Musical revues, comodies, etc.' under Lvov; Moscow

OPHTHALMOLOGY—PERIODICALS
Professor Andrey Vasil'evich Khodin; 30th anniversary of Soviet periodical literature on ophthalmology. M. A. Shagov. Vest. oft. 39 no. 5:79-82 S-O '56.

OPHTHALMOSCOPE
Simple high-precision pupillometer. V. V. Kasatskii. Vest. oft. 39 no. 5:91 S-O '56.

OPHTHALMOSCOPY
Ophthalmoscopic examination of blood vessels of the macula lutea. A. M. Malkin. Vest. oft. 39 no. 5:84-85 S-O '56.

OPINION EVIDENCE see Evidence, Expert

OPOSHNYA DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION
To the account of the 1957 plan. V. Demchenko. Raspr. pech. no. 10:13 O '56.

OPSONINS AND OPSONIC INDEX
Changes in the opsonic index and complement titer in suppurative infections under the effect of plasmotherapy. P. T. Kozyr', M. A. Koitiar. Vop. perel. krovi. 4:155-164 '56.

OPTICAL INSTRUMENTS
Formulas for calculating the partial derivatives from third-order aberration coefficients based on the parameters of the optical system. N. N. Gubel'. Opt. i spektr. 1 no. 6:783-801 O '56.
Optical method of determining the heat conductivity of liquids. V. P. Frontas'ev. Zav. lab. 22 no. 7:812-817 '56.

OPTICS, ELECTRONIC see Electron optics

OPTICS, METEOROLOGICAL see Meteorological optics

OPTICS, PHYSIOLOGICAL
Fourth Conference on Physiological Optics. N. T. Fedorov, N. I. Pinegin. Biofizika 1 no. 1:106-111 '56.

ORAGVELIDZE, GERONTII DMITRIEVICH, 1909-1955
Brief news. Biul. Abast. astrofiz. obser. no. 20:105 '56.

ORCHARDS see Fruit culture

ORDZHONIKIDZE—WORLD WAR, 1939-1945
Rout of the German Fascist army at the approach to Ordzhonikidze [in Georgian with summary in Russian]. M. I. Kochiashvili. Trudy Inst. ist. AN Gruz. SSR 1: 135-154 '55.

ORE DEPOSITS
(see also subdivision under Altai Mountains; Kazakhstan)
Application of an industrial prognostic method to terrigenous components. A. P. Sigov. Razved. i okh. nedr 22 no. 10:14-22 O '56.
Characteristics of natural electric fields originating over sulfide deposits. I. M. Urazaev. Izv. AN SSSR. Ser. geofiz. no. 9:1054-1067 S '56.
Classification of morphogenetic types of post-magmatic ore bodies. A. V. Korolev. Zap. Uz. otd. Vses. min. ob-va no. 6:125-130 '54.
"Conditions of the formation of ore and nonmetallic deposits" by P. M. Tatarinov. Reviewed by D. I. Gorzhevskii. Min. sbor. no. 10:387-391 '56.
Delimiting individual stages of mineralization on the basis of geometric analysis in mining. K. F. Ermolaev. Razved. i okh. nedr 21 no. 3:11-20 My-Je '55.
Estimating the content and reserves of constituent elements. A. D. Kalenov. Razved. i okh. nedr 22 no. 10: 31-33 O '56.
Four types of variability of ore bodies. D. A. Zenkov. Razved. i okh. nedr 21 no. 6:9-16 N-D '55.
Genetic characteristics of some low temperature deposits. V. T. Surgai. Trudy Inst. geol. KirFAN SSSR no. 5: 37-75 '54.
Metallogenic significance of dike formations. Kh. M. Abdullaev. Zap. Uz. otd. Vses. min. ob-va no. 6:3-16 '54.
Origin of a natural electrical field of an ore deposit. A. V. Bukhnikashvili. Razved. i okh. nedr 21 no. 3: 37-41 My-Je '50.
Some errors of Kh. M. Abdullaev. A. V. Korolev. Razved. i okh. nedr 21 no. 3:59-62 My-Je '55.
Source of material forming sedimentary deposits. V. L. Shashkin. Trudy Inst. geol. KirFAN SSSR no. 5:117-122 '54.
Technological evaluation of mineral resources in the Ural Geological Administration. S. Sh. Aronskind. Razved. i okh. nedr 21 no. 3:20-25 My-Je '55.

ORE DRESSING
(see also subdivision under Krasnouralsk; Murmansk Province; Ural Mountain region)
Increasing labor productivity in ore dressing plants. M. I. Gorodetskii. TSvet. met. 29 no. 10:6-9 O '56.

ORE HANDLING
Handling lumpy ore in large block caving systems. A. V. Bud'ko, L. I. Burtsev. Gor. zhur. no. 10:27-31 O '56.

OREKHOVO-ZUYEVO—APARTMENT HOUSES—MANAGEMENT
Correspondence of two apartment house offices. E. Patsanova. Zhil.-kom. khoz. 6 no. 6:8-9 '56.

OREKHOVO-ZUYEVO—LABOR AND LABORING CLASSES
With the workers of Orekhovo-Zuyevo; from a trip. Oleg Moiseev. Nash. sovr. 4:215-222 '56.

OREL PROVINCE—TECHNICAL EDUCATION
How technical educational problems are resolved in two provinces. A. Tiutin. Nar. obr. no. 11:18-26 N '56.

ORES—ANALYSIS
Reaction for the detection of thallium in ores, industrial waste products and concentrates. K. F. Stoliarov, N. N. Grigor'ev. Zav. lab. 22 no. 9:1030-1032 '56.

ORES—SAMPLING AND ESTIMATION see subdivision under Altai Mountains

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANICULTURE
Feeding plants with organic soil substances in the state of molecular dispersion. S. N. Aleshin, T. N. Tiuneeva. Izv. TSKhA no. 2:231-232 '56.

ORIENTAL STUDIES
Tasks and structure of the Institute of Oriental Studies. Vest. AN SSSR 26 no. 11:104-105 N '56.

ORIGIN OF LIFE see Life—Origin

ORLOV, G. V., Graf, 1777-1826
Francois Arago's letters to G. V. Orlov. M. V. Budylina. Trudy Inst. ist. est. i tekh. 10:393-398 '56.

ORNITHOLOGY—CONGRESSES
First All-Union Congress on Ornithology. E. N. Pavlovskii, L. A. Portenko. Zool. zhur. 35 no. 9:1428-1436 S '56.

ORPHANS AND ORPHANAGES see subdivision under Paris

ORSHA DISTRICT—SOILS
Soil cover in "Usl'e," an experimental station of the Institute of Socialist Agriculture of the Academy of Sciences of the White Russian S. S. R. S. I. Balakhonov. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4: 157-179 '56.

ORTHODOX EASTERN CHURCH—HISTORY
"The church and antifeudal people's uprisings in Russia." A. M. Samsonov. Reviewed by O. A. Vaskovskii, IU. I. Reznikov. Vop. ist. no. 10:174-175 O '56.

ORTHODOX EASTERN CHURCH—LITURGY AND RITUAL
Orthodox Eastern Church. Liturgy and ritual. Slavic Church. [Last rites and requiem] Posledovanie molebna i panikhidy. London, Izd. Russkoi pravoslavnoi zarubezhnoi tserkvi v Anglii, 1949. 40 p.

ORTHOPEDIA
(see also subdivision under Baku; Georgia; Kharkov; Saratov; Tatar A. S. S. R.)
Activities of the Tashkent Society of Orthopedists and Traumatologists in 1955. B. I. Bertiner. Ortop., travm. i protez. 17 no. 3:79 My-Je '56.
Brief news. Ortop., travm. i protez. no. 6:83 N-D '55.
Brief news. Ortop., travm. i protez. 17 no. 1:95 Ja-F '56.
Brief news. Ortop., travm. i protez. 17 no. 4:92 Jl-Ag '56.
Case of an unusual injury. I. IA. Antoshchenko. Ortop., travm. i protez. no. 6:65-66 N-D '55.
Enlarged plenum of learned councils of the Institutes of Traumatology, Orthopedia and Restorative Surgery combined with the All-Union Society of Traumatologists and Orthopedists. Ortop., travm. i protez. 17 no. 1: 72-78 Ja-F '56.
Minutes of session No. 266 of the Kharkov Society of Traumatologists and Orthopedists. Ortop., travm. i protez. no. 6:81-83 N-D '55.
Minutes of session no. 376 of the Leningrad Society of Traumatologists and Orthopedists. Ortop., travm. i protez. no. 6:79-81 N-D '55.
Minutes of sessions nos. 198-199 of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province. Ortop., travm. i protez. 17 no. 1: 82-85 Ja-F '56.
Minutes of sessions nos. 200-202, of the Medical Society of Moscow and Moscow Province. Ortop., travm. i protez. 17 no. 2:77-82 Mr-Ap '56.
Minutes of sessions nos. 203-205 of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province. Ortop., travm. i protez. 17 no. 3: 80-86 My-Je '56.
Minutes of sessions nos. 206 and 207 of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province. Ortop., travm. i protez. 17 no. 4:78-81 Jl-Ag '56.
Minutes of sessions nos. 267-268 of the Kharkov Society of Traur
i
M

ORTHOPEDIA (Continued)
Minutes of sessions of the Leningrad Society of Traumatologists and Orthopedists. Ortop., travm. i protez. no. 5:85-91 S-O '55.
Minutes of the joint session of the Medical Society of Traumatologists and Orthopedists of Moscow and Moscow Province and the conference of the Moscow Municipal Orthopedic Hospital for Veterans of the Second World War. Ortop., travm. i protez. no. 5:83-85 S-O '55.
Organization of ambulatory pediatric traumatological service. L. A. Vorokhobov. Ortop., travm. i protez. 17 no. 2:36-37 Mr-Ap '56.
"Orthopedia and traumatology" by B. Boichev, B. Konforti, K. Chokanov. Reviewed by D. K. IAzykov. Ortop., travm. i protez. 17 no. 1:66-69 Ja-F '56.
Readers' letters. Ortop., travm. i protez. 17 no. 4: 93-95 Jl-Ag '56.
Report on the activities of the Ukrainian Republic Medical Society of Traumatologists and Orthopedists, G. M. Sokol. Ortop., travm. i protez. 17 no. 3:76-77 Mr-Ap '56.
Session devoted to the 50th anniversary of the Leningrad Scientific Research Institute of Traumatology and Orthopedia. G. V. Golovin. Vest. khir. 77 no. 10: 148-154 O '56.
Sixteenth conference of the Ukrainian Sitenko Scientific Research Institute of Orthopedia and Traumatology. V. S. Kostrikov, A. A. Korzh. Ortop., travm. i protez. 17 no. 4:73-78 Jl-Ag '56.
Soviet medical abstracts: Surgery, no. 22, 1955. Reviewed by M. O. Fridland. Ortop., travm. i protez. 17 no. 2:70-71 Mr-Ap '56.

ORTHOPEDIA—BIBLIOGRAPHY see Bibliography—Orthopedia

ORTHOPEDIC APPARATUS
Apparatus for fixation of bone fragments following resection of certain joints in tuberculosis. K. M. Sivash. Ortop., travm. i protez. 17 no. 3:61-62 My-Je '56.
Apparatus for the treatment of flexor contracture of the knee joint in children. N. S. Andrushko. Ortop., travm. i protez. no. 6:62-63 N-D '55.
Method of measuring equinism of foot stumps. IA. A. Azbel', A. I. Gal'perina. Ortop., travm. i protez. 17 no. 2:62 Mr-Ap '56.
New apparatus for measuring the degree of flat-footedness. I. F. Prusakov. Ortop. travm. i protez. 17 no. 1: 43 Ja-F '56.
Orthopedic apparatus for the application of plaster of paris bandages to the lower extremities. K. D. Volkov. Ortop., travm. i protez. no. 6:61-62 N-D '55.
Orthopedic footwear in drop foot. V. A. Kiselev. Ortop., travm. i protez. 17 no. 1:44 Ja-F '56.

ORTO-TOKOI RESERVOIR
Control of the compactness of large breccia-like soils in building the Orto-Tokoi dam. M. I. Ibragimov. Gidr. stroi. 25 no. 10:50-52 N '56.

OSCILLATIONS
Effect of the nonequilibrium of the balance wheel on its oscillation periods. E. I. Levitan. Chas. mekh. no. 1:124-134 '55.
On a certain class of natural oscillation systems. I. M. Volk. Dokl. AN SSSR 110 no. 2:190-192 S '56.

OSCILLATORS, ELECTRON-TUBE
Audio frequency generator. N. Kruzhkov. Radio no. 11:50-51 N '56.
Controlled relaxation oscillator with glow-discharge tubes [with English summary in insert]. S. V. Svechnikov. Avtom. i telem. 17 no. 11:1029-1034 N '56.
Decimeter wave generator. I. A. Zhukov. Fiz. v shkole 16 no. 6:69-71 N-D '56.
[illegible]equency electromagnetic vibrations. Iz. v shkole 16 no. 6:71-72 N-D '56.
Self-oscillating systems with two degrees of freedom operating on multiple frequencies. G. M. Utkin. Radiotekhnika 11 no. 10:66-76 O '56.

OSCILLATORS, TRANSISTOR
Analysis of near harmonic transistor oscillators for above critical frequencies. K. S. Rzhevkin, L. A. Logunov, L. N. Kaptsov. Radiotekh. i elektron. 1 no. 5: 647-653 My '56.
Analysis of processes in a transistor blocking oscillator. K. IA. Senatorov, G. N. Berestovskii. Radiotekh. i elektron. 1 no. 6:854-869 My '56.

OSCILLOGRAPH
Portable multichannel magnetoelectric oscillographs. E. S. Borisevich. Priborostroenie no. 10:15-18 O '56.

OSH PROVINCE—BANKS AND BANKING
Control work in an Industrial Bank branch. E. Dekina. Fin. SSSR 17 no. 11:74-76 N '56.

OSMOSIS
Effect of the osmotic pressure of soil solution on the growth and yield of sugar beets. T. T. Demidenko, N. I. IAstrembovich. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:334-344 '51.
Effect of the osmotic pressure of soil solution on the growth and yield of sugar beets. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:54-64 '48.

OSSETIA—REVOLUTION OF 1905
[Northern Ossetia during the revolution of 1905-1907; documents and papers] Severnaia Osetiia v revoliutsii 1905-1907 godov; dokumenty i materialy. Ordzhonikidze, Severo-Osetinskoe kn-vo, 1955. 362 p.

OSSIFICATION
Multiple ossification of muscles, connective tissue and the areolar layer in a 13-year-old boy. S. I. Gurovich, V. P. Gasanova. Pediatriia 39 no. 4:79-81 Jl-Ag '56.

OSTEITIS DEFORMANS
Paget's disease. A. G. Komarcheva. Ortop., travm. i protez. no. 6:36-38 N-D '55.

OSTEOMYELITIS
Changes in a muscle flap following transplantation in chronic osteomyelitis due to gunshot wound. V. A. Dudin. Ortop., travm. i protez. no. 5:76-78 S-O '55.
Experience in treating osteomyelitis due to gunshot wounds. Z. F. Orel. Ortop., travm. i protez. no. 5: 78-79 S-O '55.
Experience with therapy of chronic osteomyelitis caused by gunshot wounds in veterans of the Second World War. A. G. Grinberg. Ortop., travm. i protez. no. 5:26-29 S-O '55.
Experimental justification for myoplasty in surgery for hematogenic osteomyelitis. M. I. Levantovskii, N. N. Kolesnikov. Ortop., travm. i protez. 17 no. 1:24-26 Ja-F '56.
Replacement of osteomyelitic cavities of the leg by muscle flaps. N. S. Mel'nikov. Ortop., travm. i protez. no. 5:75-76 S-O '55.
Results of treating chronic osteomyelitis due to gunshot wounds in invalids of the Second World War. L. Z. Kheifets. Ortop., travm. i protez. no. 5:29-33 S-O '55.
Surgery for chronic osteomyelitis of tubular bones. V. D. Chaklin. Ortop., travm. i protez. no. 5:21-26 S-O '55.

OSTEOPLASTY see Bone grafting

OSTEOSCLEROSIS
Melorheostosis (Leri's disease). A. V. Volchkov. Ortop., travm. i protez. 17 no. 1:54-56 Ja-F '56.
X-ray diagnosis of osteopecilia. S. I. Volkov. Ortop., travm. i protez. 17 no. 1:22-24 Ja-F '56.

OSTIAKS
Materials on the craniology of the Chulym Tatars and the Sel'kupy. N. S. Rozov. Trudy Inst. etn. 33:340-373 '56.

OSTRACODA, FOSSIL
(see also subdivision under Mongolia; Turkmenistan)
Ostracoda from a profile of upper Permian deposits. Z. D. Belousova. Trudy VNIGNI no. 7:117-134 '56.

OSTROGOZHSK DISTRICT—AGRICULTURE
In the thick of life. Part. zhizn' no. 10:67-70 O '56.

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886
A forgotten page; the first staging of A. N. Ostrovskii's comedy "Our kind will agree." T. Sterkin. Teatr 17 no. 11:118-119 N '56.
"The 'Thunderstorm' of A. N. Ostrovskii" by A. Reviakin; manual for high school teachers. Reviewed by N. Grodskaia. Lit. v shkole 17 no. 6:66-68 N-D '56.

OSTROVSKII, MIKHAIL ALEKSEEVICH, 1904-1936
Life is an exploit. F. Gonobolin. Sem'ia i shkola 11 no. 12:8-9 D '56.
Lohvynenko, Mykhailo. [Mikhail Ostrovskii, an artist with words] Mykola Ostrovs'kyi - khudozhnyk slova. Kyiv, Radians'kyi pys'mennyk, 1956. 213 p.

OSTROWSKI, FELIX
A forgotten Polish composer. I. Boelza. Soob. Inst. ist. isk. no. 9:131-139 '56.

OTARIA see Seals (Animals)

OTITIS see Ear—Diseases

OTORHINOLARYNGOLOGY—ABSTRACTS
[Abstracts of Soviet medical literature: Diseases of the ear, nose, and throat.] Sovetskoe meditsinskoe referativnoe obozrenie: Bolezni ukha, gorla i nosa no. 9 '56.

OUTPUT STANDARDS see Production standards

OVCHINNIKOV, MIKHAIL
"The turning point." Mikhail Ovchinnikov. Teatr 17 no. 11:126-127 N '56.

OVERHEAD POWER LINES see Electric lines—Overhead

OVRUCH DISTRICT—ANTIQUITIES
Ancient stonecutters of Ovruch District. I. Vynokur. Ukraina no. 22:32 N '56.

OWLET MOTHS see subdivision under Georgia

OWLS see subdivision under Badkhyz highland; Shumsher Island

OXIDATION
Gas initiation of liquified butane oxidation process at temperatures close to the critical temperature. N. M. Emanuel'. Dokl. AN SSSR 110 no. 2:235-238 S '56.
Mechanism of the catalytic action of metals in the oxidation of unsaturated hydrocarbon-containing fuels [with English summary in insert]. A. A. Gurcev, Z. A. Sablina. Zhur. fiz. khim. 30 no. 9:2022-2029 S '56.
Oxidation of manganese dissolved in liquid iron. N. V. Linchevskii, A. A. Samarin. Dokl. AN SSSR 110 no. 2: 209-211 S '56.

OXIDATION-REDUCTION REACTION
Effect of ammonium and nitrate nutrition on oxidation-reduction processes and the formation of caoutchouk in kok-saghyz. A. S. Okanenko, L. K. Ostrovskaia, E. G. Vyval'ko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:257-267 '51.
Oxidation-reduction processes in plants fed with nitrogen in the form of nitrates and ammonium. L. K. Ostrovskaia, A. S. Okanenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:165-107 '48.
Oxidation-reduction processes in the intestine in infants under various forms of nutrition. T. A. Barabol. Vop. pit. 15 no. 6:16-22 N-D '56.

OXIDES
Classification of oxides. Ivan Kostov. Min. sbor. no. 10: 105-131 '56.

OXYGEN
Effect of dissolved oxygen from the air on results of amperometric titration of certain anions with lead nitrate. V. A. Khadeev. Trudy SAGU no. 55:35-39 '54.
Starting the operation of a KT-100 oxygen plant in the Southern Urals Nickel Combine. I. D. Rezvik, H. P. Sherman, B. G. Sokin. TSvet. met. 29 no. 10:34-36 O '56.

OXYGEN—ANALYSIS
Systems for automatic control of combustion with the use of oxygen meters. V. D. Mironov. Teploenergetika 3 no. 11:25-29 N '56.

OXYGEN—INDUSTRIAL APPLICATIONS
Achieve the goal with persistence. A. Ermakov. Sov. pech. no. 11:25-26 N '56.

OXYGEN—PHYSIOLOGICAL EFFECT
Effect of an increased and decreased oxygen content of inspired air on animals with cerebral anemia. P. V. Vasil'ov. Arkh. pat. 18 no. 5:87-88 '56.

OXYGEN—SPECTRA
Absorption spectrum of liquid oxygen in mixtures with argon and krypton (11,000 - 3300 Å). V. I. Dianov-Klokov. Opt. i spektr. 1 no. 7:862-866 N '56.

OXYGEN IN THE BODY
Improvement in the accuracy and stability of the readings of oxyhemograph. L. S. Sochava. Med. prom. no. 4: 26-30 O-D '55.

PACIFIC AREA—MILITARY BASES, AMERICAN
Military preparations of the United States in the Pacific. M. Petrov. Kommunist 33 no. 15:99-99 O '56.

PACIFIC OCEAN—CLAY
Some data on clay minerals in deposits of the northwestern Pacific Ocean. O. K. Bordovskii. Trudy Inst. okean. 17:133-136 '56.

PACIFIC OCEAN—PHYTOPLANKTON
Composition and distribution of phytoplankton in the northwestern part of the Pacific during the spring and autumn of 1955. G. I. Semina. Dokl. AN SSSR 110 no. 3:465-468 S '56.

PACIFIC OCEAN—SIPHONOPHORA
Pleiston biocenosis of the Velella lata Chamisso et Eysenhardt, Siphonophora in the Pacific. A. I. Savilov. Dokl. AN SSSR 110 no. 3:478-480 S '56.

PACIFISM
Readers' page. Vsem. stud. nov. 10 no. 9/10:1-2 S-O '56.

PACKAGING
More packaged goods. Kh. Gurevich, I. Rudnik. Sov. torg. no. 10:25-26 O '56.
[Our experience in reducing the cost of packaging; a collection of articles] Nash opyt snizheniia raskhodov po tare; sbornik statei. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 14 p. (Peredovoi opyt v torgovle)

PACKAGING MACHINERY
Combination counting-packing appliance for sugar-coated tablets. A. A. D'iachenko, I. B. Kolodko. Med. prom. no. 3:20-22 Jl-S '56.

PACKING (MECHANICAL ENGINEERING)
Stuffing box for centrifugal pumps. M. M. Bykhman. Masl.-zhir. prom. 22 no. 7:30-32 '56.

PACKING-HOUSE PRODUCTS
Removal of "red spots" a micrococcal growth from intestines. K. V. Kalmykov. Sbor. trud. Khar'. vet. inst. 22:150-152 '54.

PACKING INDUSTRY see Meat industry

PAINT—TOXICOLOGY
A cataract in nitro paint intoxication. S. IA. Glezerov. Vest. oft. 69 no. 5:48-49 S-O '56.

PAINTERS, ESTONIAN
Estonian painters. N. Klerabrova. Ogonek 34 no. 49:17 D '56.

PAINTING, DECORATIVE see Mural painting and decoration

PAINTING, FRENCH—EXHIBITIONS see subdivision under Moscow

PAINTING, UKRAINIAN—EXHIBITIONS
Ukrainian painters for the All-Union and Ukrainian anniversary exhibitions of 1957. M. Chernova. Mystetstvo no. 5:14-15 S-O '56.

PAKHTUSOV, NIKOLAI IVANOVICH
Progressive leaders of collective farm building crews. Sel'. stroi. 11 no. 10:33 O '56.

PALEKH—MINIATURE PAINTING
Black mirror. M. Smirnov. Tekh. mol. 24 no. 11:37 N '56.
Palekh today. A. Veselov, G. Gorbunov. Nash. zavr. 4:249-252 '56.

PALEOBOTANY
(see also subdivision under Karaganda Basin; Kureyka Valley)
Flora of Quaternary calcareous sinter of European U.S.S.R. S. V. Meien. Biul. MOIP, Otd. geol. 31 no. 3:119 My-Je '56.
Research in the field of obtaining new heavy liquids for analyzing spore-pollen, diatoms, and minerals. S. M. Mazurov, M. V. Porval'skii, V. V. IAnovskii, Razved. i okh. nedr 21 no. 6:16-20 N-D '56.

PALEOBOTANY, STRATIGRAPHIC see subdivision under Siberia, Western; Timan Ridge

PALEOCLIMATOLOGY
Review of I. G. Pidoplichko's work "The Glacial epoch," and the combined work of I. G. Podoplichko and P. S. Makeev "Climates and landscapes of the past." Reviewed by S. A. IAkovlev. Inform. sbor. VSEGEI no. 1: 147-152 '56.

PALEOGEOGRAPHY
(see also subdivision under Crimea)
Review of I. G. Pidoplichko's work "The Glacial epoch," and the combined work of I. G. Podoplichko and P. S. Makeev "Climates and landscapes of the past." Reviewed by S. A. IAkovlev. Inform. sbor. VSEGEI no. 1: 147-152 '56.

PALEOLITHIC PERIOD see Stone age

PALEONTOLOGY see subdivision under France

PALEONTOLOGY—YEARBOOKS
Vsesoiuznoe paleontologicheskoe obshchestvo. [Yearbook of the All-Union Paleontological Society] Ezhegodnik... Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr.
Vol. 15. [(1954-1955; with 34 tables)] (1954-1956, s 34 tabl.)sami. Red. toma V. P. Rengarten). 1956. 386 p.

PALEONTOLOGY, STRATIGRAPHIC
(see also subdivision under Dalabeyka Valley; Don Valley, Medveditsa Valley)
Methods of studying the microstructure of the shell of certain Cenozoic Foraminifera in polarized light. V. A. Krasheninnikov. Vop. mikropaleont. no. 1:37-48 '56.
Species formation and systematics of Jurassic Epistomidae. O. K. Kaptarenko-Chernousova. Vop. mikropaleont. no. 1:49-61 '56.
Stratigraphic significance of Nautiloidea. V. N. Shimanskii, F. A. Zhuravleva. Biul. MOIP, Otd. geol. 31 no. 3:112-113 My-Je '56.

PALLADIN, ALEKSANDR VLADIMIROVICH, 1885-
Utevskii, A. M. Aleksandr Vladimirovich Palladin. Kiev, Izd-vo Akademii nauk USSR, 1956. 66 p. (Uchenye Ukrainskoi SSR)

PALLADIUM-BISMUTH ALLOYS see Bismuth-palladium alloys

PAMIRS
In the Pamirs. Pavel Luknitskii. Sov. Sotsa no. 12:18-21 D '56.

PAMIRS—PLANTS—FROST RESISTANCE
Study of the water cycle of Eastern Pamir plants. V. M. Sveshnikova. Bot. zhur. 41 no. 8:1137-1144 Ag '56.

PAN-SLAVISM
Iliyshko, Vasyl'. [Pan-slavism in Soviet historiography and policy] Panslavism v sovets'kii istoriografii i politytsi. Nia York, Organizatsiia oborony shotyr'okh svobid Ukrainy ta Spilka ukrains'koi molodi Ameryky, 1954. 57 p.
(MnU)

PANCREAS
Diabetogetic action of ACTH in latent insufficiency of the insular apparatus. N. S. Veller, P. M. Charnala. Probl. endok. i gorm. 2 no. 5:44-49 S-O '56.
Effect of cortisone and ACTH on structure of the islands of Langerhans. A. E. Rabkina. Probl. endok. i gorm. 2 no. 5:25-31 S-O '56.
Functional state of the islands of Langerhans in epilepsy. N. N. Zakharova. Zhur. nevr. i psikh. 56 no. 10:903-906 O '56.

PANCREAS—DISEASES
Diagnosis and treatment of acute pancreatitis. K. D. Tonkin. Vest. khir. 77 no. 10:49-58 O '56.
Experience in treating patients with acute pancreatitis. L. I. Garvin, E. K. Reitmers, D. N. Fedorov. Vest. khir. 77 no. 10:42-49 O '56.

PANCREAS—SECRETIONS
Effect of enteroception in the small intestine on the secretion of pancreatic juice and bile in sheep [with summary in English]. R. O. Faitel'berg, L. A. Semennik, L. A. Rizhova. Fiziol. zhur. 42 no. 10:977-981 O '56.

PANCREAS—SURGERY
Enteropancreatic fistula bringing the intestine into a skin flap. O. N. Sobieva. Fiziol. zhur. 42 no. 10:914-916 O '56.
Surgery in acute pancreatitis. B. A. Petrov, S. V. Lobachev. Vest. khir. 77 no. 10:35-42 O '56.

PAPER HANGING
Savol'ov, A. I. [A new method of wallpapering] Novyi metod oklaiki sten obolmi. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 31 p. (Novatory stroitel'noi industrii)

PAPPATACI FEVER
Using the fixation reaction in studying pappataci fever. M. N. Soshnikova. Vop. kraev. pat. no. 4:70-97 '54.

PAPPATACI FEVER—PREVENTIVE INOCULATION
Antigenic and immunogenic properties of the pappataci fever virus adapted for mice sucklings. M. N. Soshnikova. Vop. kraev. pat. no. 4:73-76 '54.

PARACHUTES
New high altitude parachute for sport and training. I. Glushkov. Kryl. rod. 7 no. 8:4-6 Ag '56.

PARACHUTISTS
(see also subdivision under Czechoslovakia; Poland)
Parachute jump into the sea. E. Trofimov. Kryl. rod. 7 no. 8:6-7 Ag '56.

PARAFFINS
Effect of permanganate in accelerating the oxidation of paraffin with oxygen of the air. B. N. Tiutiunnikov, A. A. Perchenko. Mast.-zhir. prom. 22 no. 7:20-23 '56.
The kinetics and mechanism of hydrocarbon decomposition. Part 12. The effect of cyclohexane on the kinetics and mechanism of gaseous alkane cracking [with English summary in insert]. A. D. Stepukhovich, T. G. Kolotilova. Zhur. fiz. khim. 30 no. 9:1957-1962 S '56.
Paraffin deposits from formation oils. V. M. Fokeev and others. Trudy VNII no. 8:369-378 '56.
Quantitative determination of the solid-paraffin content in petroleum. V. G. Gutsaliuk, N. D. Kazakhova, S. R. Rafikov. Izv. AN Kazakh. SSR. Ser. khim. no. 10:91-95 '56.
Two-step filtration in deparaffination plants. E. M. Varshaver, Z. A. Baranduk, G. I. IAntushev. Neftianik 1 no. 11:16-17 N '56.
Using urea for the analysis of n-paraffins in the 200-250 fractions of Norte petroleum. Kh. I. Arsanidze, E. M. Bensashvili. Dokl. AN SSSR 110 no. 3:387-389 S '56.

PARALYSIS
Myoplasty in paralysis of the biceps brachii. G. I. Poiasokhovich. Ortop., travm. i protez. 17 no. 1:13-18 Ja-F '56.
Surgical treatment of permanent paralysis of the upper extremities. A. U. Lipman Kessel'. Ortop., travm. i protez. no. 5:39-42 S-O '55.
Views of V. F. Sabler on progressive paralysis. D. D. Fedotov. Zhur. nevr. i psikh. 56 no. 10:834-838 O '56.

PARASITES—BIRDS
Helminths of birds of the Lagodekhi State Preserve. B. E. Kurashvili. Trudy Zool. inst. AN Gruz. SSR 14: 105-148 '56.
Role of game birds in spreading helminths among poultry. B. E. Kurashvili. Trudy Zool. inst. AN Gruz. SSR 14: 271-276 '56.

PARASITES—DOGS
Comparative rates of cestode infection of dogs of different service designations. V. I. Bondareva. Trudy Inst. zool. AN Kazakh. SSR 5:105-112 '55.
Liubashenko, S. IA., ed. [Infections and parasitic infestations of dogs] Infektsionnye i invazionnye bolezni sobak. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 242 p.
(DA)

PARASITES—DOMESTIC ANIMALS
(see also subdivision under Tajikistan)
Materials on the ticks of the family Ixodidae parasitic on farm animals of the Bet-Pak-Dala pasture complex. E. F. Petrova. Trudy Inst. zool. AN Kazakh. SSR 3:44-46 '55.

PARASITES—FIELD MICE
Brachylecithum rodentini, a new liver parasite of rodents. A. I. Agapova. Trudy Inst. zool. AN Kazakh. SSR 3:118-120 '55.

PARASITES—FISHES
(see also subdivision under Kazakhstan)
Materials on the study of monogenic trematodes parasitic on the fishes of Southern Bug. T. O. Prymak (Lypa). Stud. nauk. pratsi no. 20:51-61 '56.

PARASITES—GAME AND GAMEBIRDS
Helminths of game birds of Georgia in the light of the helminth-host association. B. E. Kurashvili. Trudy Zool. inst. AN Gruz. SSR. 14:237-247 '56.

PARASITES—GREBES
A new species of cestode, Tatria mathevossianae (fam. Amabiliidae), from Podiceps ruficollis (Pallas) [with English summary in insert]. V. I. Okorokov. Zool. zhur. 35 no. 8:1299-1302 S '56.

PARASITES—GROUSE
Helminths of the black grouse (Lyrurus tetrix L.) of Kazakhstan. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 3:67-72 '55.

PARASITES—MAMMALS
Helminths of wild mammals of the Lagodekhi State Preserve [in Georgian with summary in Russian]. T. E. Rodonaia. Trudy Zool. inst. AN Gruz. SSR 14:147-187 '56.

PARASITES—PARTRIDGES
Worms parasitic on the stone partridge (Alectoris graeca Meisner, 1804) in southeastern Kazakhstan. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 5:61-70 '56.

PARASITES—PHEASANTS
Worms parasitic on pheasants. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 3:64-66 '55.

PARASITES—PIKAS
Helminths of the pikas (Ochotona sp. sp.) of Kazakhstan. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 5: 98-104 '56.

PARASITES—QUAILS
Worms parasitic on quails in the environs of Alma-Ata. E. V. Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 5: 77-83 '56.

PARASITES—REPTILES
Helminths of the reptiles of Kazakhstan. G. S. Markov, K. P. Paramkiv. Trudy Inst. zool. AN Kazakh. SSR 5: 120-126 '56.

PARASITES—RODENTIA
Helminths of rodents of western Kazakhstan. V. IA. Panin. Trudy Inst. zool. AN Kazakh. SSR 5:84-97 '56.
The tick Ixodes triangulicepa Dir. in Tajikistan. E. F. Bosnina. Trudy AN Tadzh. SSR 21:05-06 '54.

PARASITES—RUMINANTIA
Analysis of helminths parasitic on wild ruminants in Kazakhstan. I. I. Sokolova. Trudy Inst. zool. AN Kazakh. SSR 3:73-100 '55.
Morphology of the ruminant lung nematode Muellerius capillaris (Mueller, 1889). S. N. Boev, N. K. Andreeva. Trudy Inst. zool. AN Kazakh. SSR 3:113-117 '55.

PARASITES—SHEEP
Comparative evaluation of methods for treating sheep strongylosis with phenothiazine. S. D. Ul'ianov. Trudy Inst. zool. AN Kazakh. SSR 3:121-130 '55.

PARASITES—SWINE
Supplements to the description of certain helminths of swine. IA. N. Zakhvatkin. Trudy Inst. zool. AN Kazakh. SSR 5:112-110 '56.

PARASITES—UNGULATA
Helminths of the domestic and wild ungulates in the Caspian Sea region. I. B. Sokolova, L. I. Lavrov. Trudy Inst. zool. AN Kazakh. SSR 5:105-111 '56.

PARASITES—WATER BIRDS
On the mass reproduction and habitation of the ticks Ornithodorus lahaje Guerin-Meneville, 1849 [with English summary in insert]. G. S. Pervomaiskii, K. P. Chagin, S. T. Boldyrev. Zool. zhur. 35 no. 9:1303-1311 S '56.

PARASITES—WILD BOAR
Data on helminths of the wild boar (Sus scrofa L.) in eastern Georgia [in Georgian with summary in Russian]. L. I. Kotava. Trudy Zool. inst. AN Gruz. SSR 14:215-235 '56.

PARASITES—WOLVES
Role of domestic and wild carnivores in the epidemiology and epizootology of larval cestodiasis. Report no. 2: Cestodes of wolves. V. I. Bondareva. Trudy Inst. zool. AN Kazakh. SSR 3:101-104 '55.

PARASITOLOGY
Basic trends in the scientific research work of Academician Evgenii Nikanorovich Pavlovskii. B. V. Lolotskii. Trudy AN Tadzh. SSR 21:23-29 '54.
Zoological research in the service of agriculture. Trudy Inst. zool. AN Kazakh. SSR 3:9-11 '55.

PARATHYROID GLANDS
Epithelial bodies in small domestic ruminants. T. G. TSymbal. Sbor. trud. Khar'. vet. inst. 22:112-131 '54.
Experimental and clinical observations of the insufficiency of epithelial bodies in horses. T. G. TSymbal. Sbor. trud. Khar'. vet. inst. 21:105-129 '56.

PARATYPHOID FEVER
Cases of paratyphoid fever in cows and methods for its elimination. A. B. Liokumovich. Veterinariia 33 no. 12:26-27 D '56.
Clinical aspects of paratyphoid fever in infants. F. P. Kotchin. Zdrav. Kazakh. 16 no. 10:18-22 '56.
Disinfection in foci of paratyphoid fever infections. A. D. Krinochkin. Veterinariia 33 no. 12:66-69 D '56.
Paratyphoid in mature swine. G. S. Tverdov. Veterinariia 33 no. 12:28-29 D '56.
Remarks on the "Instructions on laboratory diagnosis of typhoid fever and paratyphoids A and B" of the Ministry of Public Health of the U. S. S. R. A. B. Chernomordik. Lab. delo 2 no. 6:27-29 N-D '56.

PARENT AND CHILD (LAW)
Grounds for the responsibility of parents for harm caused by their children. K. I. Manaev. Uch. zap. AGU no. 4:83-89 '55.

PARENTS AND TEACHERS see Home and school

PARENTS' AND TEACHERS' ASSOCIATIONS
(see also subdivision under Chernigov)
Zhurin, B.I. [Parent associations as aids to schools in the communist education of children] Roditel'skaia obshchestvennost' v pomoshch' shkole po kommunisticheskomu vospitaniiu detei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1952, 174 p.

PARIS—AGRICULTURE—CONGRESSES
Paris in the summer. Vsem. stud. nov. 10 no. 9/10:29 S-O '56.

PARIS—BALLET
Is French criticism right; the Paris press on guest performances of the ballet troupe of the K. S. Stanislavskii and Vl. I. Nemirovich Danchenko Theater. E. Surits. Teatr 17 no. 11:75-81 N '56.

PARIS—FASHION
Paris collections. Aleksandra Grimm. Sov. zhen. 12 no. 12:45 D '56.

PARIS—GLASS—CONGRESSES
Fourth International Congress on Glass in Paris. I. I. Kitaigorodskii. Stek. i ker. 13 no. 10:7-9 O '56.

PARIS—ORPHANS AND ORPHANAGES
The work of Paul Robin at the Prevost Orphanage. M. E. Shil'nikova. Sov. pedag. 20 no. 12:51-59 D '56.

PARIS—RADIO—EXHIBITIONS
Paris exhibition of radio parts (from "L'Onde electrique," 36 no. 348 1956). Elektrosviaz' 10 no. 11:78-80 N '56.

PARKS, see subdivision under New York (City)

IAL EQUATIONS see Differential

TORS
of the projected 50-60 Bev proton
rnating-gradient focusing. V. V.
ers. Atom. energ. no. 4:31-33 '56.

OTOGRAPHY see Photography,

TARY
on the Physics of High-energy
lukov, B. M. Golovin, L. I. Lapidus,
58-166 '56.
e diffusion equation for a single
v. Zhur. eksp. i teor. fiz. 30 no. 2;
beams emitted by the six-meter
their use. V. P. Dzhelepov and
no. 4:13-21 '56.
M. I. Shirokov. Zhur. eksp. i teor.
6 O '56.
I. M. Shmushkevich. Zhur. eksp. i
15-726 O '56.

Reasonable notation for elementary particles. IA. P. Terletskii. Zhur. eksp. i teor. fiz. 31 no. 4:703-704 O '56.
Recent data on elementary particles. A. O. Vaisenberg. Fiz. v shkole 16 no. 6:7-17 N-D '56.
Spin behavior of particles in intersecting permanent and alternating magnetic fields. A. I. Rivin. Zhur. eksp. i teor. fiz. 31 no. 4:733-734 O '56.

PARTICLES, ELEMENTARY—DECAY
Correlation between the angular distribution of particles and their decay products. IU. D. Prokoshkin. Zhur. eksp. i teor. fiz. 31 no. 4:732 O '56.
On a regular pattern observed in the disintegration of unstable particles. P. S. Isaev, V. S. Murzin. Zhur. eksp. i teor. fiz. 31 no. 4:715 O '56.

PARTICLES, ELEMENTARY—SCATTERING
Tables for conversion of scattering angles and differential scattering cross sections used in the transition from the inertia center system to the observer's system. L. G. Gurvich, R. Mamatkulov, Z. Khudaibergenova. Trudy FTI AN Uz. SSR 6:62-71 '55.

PARTRIDGES
Migration of white partridges. A. Platonov. Okh. i okh. khoz. no. 11:24 N '56.

PARTRIDGES—PARASITES see Parasites—Partridges

PASHKEVICH, ALOIZA, 1876-1916
A critical and biographical sketch on TSIotka ("TSIotka (Aloiza Pashkevich)" by Lidziia Arabei. Reviewed by Ivan Kudrautsau). Polymia 34 no. 11:152-154 N '56.

PASSIVITY (CHEMISTRY)
Electrochemical behavior of metals in the passive state [with English summary in insert]. IA. M. Kolotyrkin, V. M. Kniazheva. Zhur. fiz. khim. 30 no. 9:1990-2002 S '56.
Mechanism of the electrodeposition of metals on passivated surfaces [with English summary in insert]. L. I. Kadaner, A. Kh. Masik. Zhur. fiz. khim. 30 no. 9: 1983-1989 S '56.

PASTEURELLA TULARENSIS
Cases of Bacterium tularense isolated from crabs. O. V. Ovasapian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:49-52 O '56.

PASTURES AND MEADOWS see subdivision under Caspian Depression; Karelian Isthmus; Kazakhstan; White Russia

PATELLA—DISLOCATION
Horizontal dislocation of the patella. V. G. Vlasenko. Ortop., travm. i protez. no. 6:65 N-D '55.

PATHOLOGICAL ANATOMY see Anatomy, Pathological

PATHOLOGICAL PHYSIOLOGY see Physiology, Pathological

PATHOLOGY
"Archives of pathology," 1955, vol. 60, no. 1 [in English]. Reviewed by IU. V. Gul'kevich. Arkh. pat. 18 no. 6: 126-131 '56.
"Human Pathology" [in English] by H. T. Karsner. Reviewed by A. I. Strukov. Arkh. pat. 18 no. 6:125 '56.

PATHOLOGY, VETERINARY see Veterinary pathology

PATRIOTISM
Shchur, P. N. [Soviet patriotism, the source of the strength and might of army and navy] Sovetskii patriotizm - istochnik sily i mogushchestva armii i flota. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 83 p.

PAULICIANS see subdivision under Byzantine Empire

PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1893-
"Steel ringlet." Konstantin Paustovskii. Teatr 17 no. 11:125 N '56.

PAVEMENTS
Effect of smoothness of road pavements on fuel consumption and automobile speed. N. IA. Govorushchenko. Avt. dor. 19 no. 10:20-21 O '56.
Road pavements with an additional layer of gravel and sand. A. P. Shohus'. Avt. dor. 19 no. 10:12-13 O '56.

PAVEMENTS—TESTING
In the academic council of the All-Union Scientific Research Institute for Road Construction and Maintenance. B. I. Kurdenkov. Avt. dor. 19 no. 10:32 O '56.

PAVEMENTS, CONCRETE
Resistance of gravel roadbeds under asphalt concrete pavements. V. S. Syrnev. Avt. dor. 19 no. 10:10-11 O '56.
Two-layer cement concrete pavement. L. I. Goretskii. Avt. dor. 19 no. 10:13-14 O '56.

PAVLENKO, PETR ANDREEVICH, 1899-1951
Levin, L. I. P. A. Pavlenko. Izd. 2-e, ispr. i dop. Moskva, Sovetskii pisatel', 1956. 410 p.

PAVLOV, IVAN PETROVICH, 1849-1936
I. I. Mechnikov's letter to I. P. Pavlov. Izv. AN SSSR. Ser. biol. no. 5:108-109 S-O '56.
I. P. Pavlov's theories on types of higher nervous activity. V. K. Fedorov. Vop. filos. no. 5:95-99 '56.

PAVLOVSKII, EVGENII NIKANOROVICH, 1884-
Address of the Presidium of the Academy of Sciences of the Tajik S. S. R. 21:10-11 '54.
Basic trends in the scientific research work of Academician Evgenii Nikanorovich Pavlovskii. B. V. Lolotskii. Trudy AN Tadzh. SSR 21:23-29 '54.
Celebration in honor of Academician E. N. Pavlovskii. Trudy AN Tadzh. SSR 21:5-9 '54.
Seventieth birthday and forty-fifth anniversary of the scientific and pedagogical activities of Academician Evgenii Nikanorovich Pavlovskii. G. A. Alliev. Trudy AN Tadzh. SSR 21:13-22 '54.

PAVLOVSKII, EVGENII NIKANOROVICH, 1884- —— BIBLIOGRAPHY see Bibliography—Pavlovskii, Evgenii Nikanorovich, 1884-

PAYMENT
Bystrov, F.P., and G.S.Lopatin, eds. [International settlement and foreign exchange among the peoples' democracies] Mezhdunarodnye raschety i valiutnye otnosheniia stran narodnoi demokratii. Moskva, Vneshtorgizdat, 1956. 126 p.

PEACE
Horkun, V.I. [Lenin's principle of the peaceful coexistence of the two systems] Leninis'kyi pryntsyp myrnoho spivisnuvannia dvokh system. Kyiv, 1956. 30 p. (Tovarystvo dlia poshyrennia politychnykh ta naukovykh znan' Ukrains'koi RSR, Ser. 1, no. 14)
Pukhovskii, N.V. [The possibility of averting war at present] O vozmozhnosti predotvrashcheniia voin v sovremennuiu epokhu. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, no. 33)

PEAR
Testing stocks for dwarf pear trees. V. A. Enke. Sad i og. no. 10:47-48 O '56.

PEAS
Nitrogen-fixing activity of nodule bacteria during various developmental stages of pea and vetch plants. M. V. Fedorov, D. Laslo. Izv. TSKhA no. 2:81-82 '56.

PEASANT ART see Art industries

PEASANT UPRISINGS
(see also subdivision under Rumania)
"The church and antifeudal people's uprisings in Russia. A. M. Samsonov. Reviewed by O. A. Vavilovskii, IU. I. Reznikov. Vop. ist. no. 10:174-175 O '56.
Dubrovskii, S.M. [Peasant movements during the revolution of 1905-1907] Krest'ianskoe dvizhenie v revoliutsii 1905-1907 gg. Moskva, Izd-vo Akademii nauk SSSR, 1956. 106 p. (Nauchno-populiarnaia serila)

PEASANTRY
(see also subdivision under Bessarabia; Bulgaria; Corlealdo, Italy; Caucasus, Northern; Europe)
The Estonian peasant dwelling in the 19th and beginning of the 20th centuries. N. V. Shilygina. Trudy Inst. etn. 32:48-94 '56.
Groups of the poor in the fight preparing for complete collectivization. L. F. Skliarov. Uch. zap. Ped. inst. Gerts. 102:31-56 '55.
The peasant movement of 1905-1907. S. M. Dubrovskii. Dokl. i soob. Inst. ist. no. 8:18-30 '56.
The peasant movement of 1905-1906 in the central Chernozem guberniyas. P. N. Abramov. Ist. zap. no. 57:293-311 '56.

PEASANTRY—HISTORY see subdivision under Ukraine

PEAT
(see also subdivision under Bobruysk District)
Granulation of a peat-mineral mixture by rolling. A. A. Kulikovskii. Trudy Inst. torf. AN BSSR 5:118-144 '56.
Pichugin, A.V., and others. [Peat beds and prospecting for them] Torfianye mestorozhdeniia i ikh razvedka. Izd. 2-oe, perer. Moskva, Gos. energ. izd-vo, 1956. 280 p.
Relationship of ash content to volumetric weight of peat. K. P. Lundin. Trudy Inst. torf. AN BSSR 5:165-178 '56.
Winning peat for agricultural purposes. Trudy Inst. torf. AN BSSR 5:3 '56.

PEAT—THERAPEUTIC USE
Rectal peat treatment in chronic prostatitis, spermatocystitis, and functional disorders of the generative organs. G. E. Malysheva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:93-96 O-D '56.

PEAT BOGS
Distribution of bog depths in peat deposits of various types. M. N. Krilov. Torf. prom. 33 no. 7:29-32 '56.
Exploring peat deposits in order to procure peat for use as fertilizer and the preparation of bogs for winning peat. A. V. Tishkovich, V. A. Bodilovskii. Trudy Inst. torf. AN BSSR 5:7-31 '56.

PEAT BOGS—BIBLIOGRAPHY see Bibliography—Peat bogs

PEAT INDUSTRY
(see also subdivision under Poland)
German peat specialists in the U.S.S.R. Torf. prom. 33 no. 7:38 '56.
Improve the work of milled peat enterprises. V. N. Kiselev. Torf. prom. 33 no. 7:24-27 '56.
Mechanical processing of milled crumb peat in a cylindrical granulator. F. A. Opeiko. Trudy Inst. torf. AN BSSR 5:153-164 '56.
Peat bunker loading platforms. Torf. prom. 33 no. 7: 36 '56.
Results of all-Union socialist competition in the peat industry under the Ministry of Electric Power Stations during June and July 1956. Torf. prom. 33 no. 7:39 '56.
Thirty-ninth anniversary of the Great October Socialist Revolution. Torf. prom. 33 no. 7:1-4 '56.
Using radiotelephone capacitors for raising the power factor of peat enterprises. B. I. Rozenberg. Torf. prom. 33 no. 7:27-29 '56.
Winning peat for use as fertilizer by means of the hydro-peat method. F. A. Malyshev. Trudy Inst. torf. AN BSSR 5:85-105 '56.

PEAT INDUSTRY—BIBLIOGRAPHY see Bibliography—Peat industry

PEAT INDUSTRY—COSTS
Conference on the reduction of labor costs and production cost of milled peat. Torf. prom. 33 no. 7:14-23 '56.

PEAT INDUSTRY—EQUIPMENT AND SUPPLIES
Tractor-mounted drain cleaning machine. V. A. Zaitsev. Torf. prom. 33 no. 7:37 '56.

PEAT INDUSTRY—EXHIBITIONS
"Peat" pavilion at the All-Union Industrial Exhibition. Torf. prom. 33 no. 7:38 '56.

PEAT MACHINERY
"Liliput" peat excavator. Torf. prom. 33 no. 7:35 '56.
Scraper of the four-wheeled type for digging peat. V. V. Sadovnichii. Trudy Inst. torf. AN BSSR 5:77-84 '56.
UMPF-4 machine for the procurement of peat for use as fertilizer and the peat record system. V. A. Boditovskii, F. A. Malyshev, M. V. Anuchkin. Trudy Inst. torf. AN BSSR 5:32-46 '56.
Using the D-159 bulldozer and the SKF-4 scraper for winning peat to be used as fertilizer. I. Z. Galenchik. Trudy Inst. torf. AN BSSR 5:47-76 '56.
Using ULK-1 cultivator in breaking up the surface of peat deposit for winning peat for litter. A. I. Selitrennikov. Trudy Inst. torf. AN BSSR 5:106-117 '56.

PEAT MACHINERY—REPAIRING
Raise the technical level of equipment overhauling. V. V. Uspenskii. Torf. prom. 33 no. 7:5-6 '56.

PEAT SOILS
Effect of drainage on the biological activity of peat soils. V. A. Mustienko. Stud. nauk. pratsi no. 20:105-111 '56.
Physiological importance of copper and its use as a trace element fertilizer on peat soils. L. K. Ostrovskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:49-64 '55.

PEBBLES
The general principle of symmetry and the shape of sea pebbles. I. I. Shafranovskii. Min. sbor. no. 10:33-36 '56.

PECHORA RIVER—FISHING
Work practices of Pechora fishermen. F. A. Ponomarev. Ryb. khoz. 32 no. 11:42-46 N '56.

PEDAGOGY see Teaching

PEDIATRICS
Organization of ambulatory pediatric traumatological service. L. A. Vorokhobov. Ortop., travm. i protez. 17 no. 2:35-37 Mr-Ap '56.

PEDOLOGY (SOIL SCIENCE) see Soils

PEDOSOVKA—LIBRARIES, RURAL
We improve our work among the masses. A. Dielina'kyi. Sots. kul't. 2 no. 10:21 O '56.

PEGMATITES
(see also subdivision under Uzbekistan; Volhynia)
Origin of the sodium variety of beryl in granitic pegmatites. A. A. Beus, N. E. Zaitsshkova. Min. sbor. no. 10:273-287 '56.
The place of pegmatites in the formation process of one of the granite bodies. V. I. Kuznetsov. Min. sbor. no. 6:99-112 '51.

PEIPING—AMATEUR ART ACTIVITIES
Amateur theatricals in Peiping. Sots. kul't. 2 no. 10: 46 O '56.

PEIPING—COMMUNIST PARTY—CONGRESSES
Outstanding event in the life of the Chinese people and the international Communist movement. F. Alekseev, V. Trifonov. Kommunist 33 no. 15:13-27 O '56.

PEIPING—DESCRIPTION
Trip to China. Askol'd Birlukov. Dal'. Vost. 24 no. 5: 145-159 S-O '56.

PEIPING—MUNICIPAL BUILDINGS
Thoughts of a Peking architect. Leon Hoh. V zashch. mira no. no. 65:66-72 O '56.

PEKING see Peiping

PELVIS—HYDATIDS
Echinococcosis of the small pelvis simulating tumor of the bladder. I. M. Derevianko. Urologiia no. 4:69 O-D '55.

PELVIS—WOUNDS AND INJURIES
Case of injuries of organs of the pelvis and of the abdomen. V. V. Bundikov. Urologiia 21 no. 3:59-60 Jl-S 56.

PENDZHIKENT—INSCRIPTIONS, ARABIC
Arabic inscription from Pendzhikent. A. M. Belenitskii. Epig. Vost. no. 11:27-30 '56.

PENICILLIN
Changes in the joints of rabbits following intra-articular administration of penicillin. A. I. Zernov. Ortop., travm. i protez. 17 no. 1:33-34 Ja-F '56.
Clinical and epidemiologic observations of recurrent scarlet fever. I. V. Sharlai and others. Pediatriia 39 no. 4:14-17 Jl-Ag '56.
Concentration of penicillin in the conjunctival sac in various methods of its infusion. A. M. Vodovozov. Vest. oft. 69 no. 5:88-90 S-O '56.
On the problem of complications in penicillin therapy. S. E. Tkachev. Fel'd. i akush. 21 no. 11:12-16 N '56.
Prevention of staphylococcal infection in open experimental bone injuries by preliminary application of penicillin. K. G. Antonova. Ortop., travm. i protez. no. 5:43-47 S-O '56.
Significance of penicillin and other factors in the etiology of recurrent scarlet fever. L. A. Berzina, O. E. Mauerman. Pediatriia 39 no. 4:17-22 Jl-Ag '56.
Use of bicillin, a slow-acting penicillin preparation. A. N. Berkutov, G. T. Golikov, G. A. Rybakova. Vest. khir. 77 no. 10:67-73 O '56.
Use of penicillin aerosols in chronic suppurative processes of the lung. R. S. Kolesnikova, G. V. Rodygina, S. I. Edel'shtein. Khirurgiia. 32 no. 8:38-41 Ag '56.

PENIS—DISEASES
Contact radiotherapy in plastic induration of the penis. N. A. Podkaminskii. Urologiia 21 no. 1:56-57 Ja-Mr '56.

PENIS—RUPTURE
Problem of so-called fractures of the penis. I. I. Emel'ianov. Urologiia 21 no. 2:70-71 Ap-Je '56.

PENITENTIARIES see subdivision 'Prisons' under Petrokrepost'

PENSIONS
(see also subdivision under Kiev)
Ioiryah, A.I. [Government pensions and grants in the U.S.S.R.] Gosudarstvennye pensii i posobiia v SSSR. Moskva, Gos. izd-vo kul'turno-prosvetit. lit-ry, 1956. 61 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 16)

PENTOTHAL
Effect of morphine-pentothal narcosis on the utilization of sugar by an extremity in dogs under normal conditions and following autotransplantation. V. M. Kushko, G. M. Ivchenko. Biul. eksp. biol. i med. 42 no. 10:23-28 O '56.
Intraosseous pentothal anesthesia in swine. I. F. Popov. Sbor. trud. Khar'. vet. inst. 24:445-452 '56.
Mass use of pentothal anesthesia in swine. I. F. Popov. Sbor. trud. Khar'. vet. inst. 22:393-398 '54.

PEPTIC ULCER
Some data on the effect of transfusing blood and its components on the blood coagulating system in patients with acute gastroduodenal hemorrhages in peptic ulcer. R. A. Goshvantner. Vop. perel. krovi. 4:107-115 '56.

PERCOLATION
Using an approximate method for solving problems in the theory of filtration. G. P. Gusalov. Uch. zap. AGU no. 8:5-8 '55.

PERENNIALS
How fertilizers applied to the cover crop affect yields of perennial grasses. A. S. Tovmasian. Ud. i ur. 1 no. 11:60-62 N '56.

PERESLAVL'-ZALESSKIY—HORSE SHOWS
Interdistrict horse show in Pereslavl'. Konevodstvo 25 no. 12:43 D '56.

PEREVOSHCHIKOV, DIMITRY MATVEEVICH, 1788-1860
D. M. Perevoshchikov and I. M. Simonov; correspondence of two astronomers on problems in astronomy and geophysics. S. N. Korylitkov. Ist.-astron. issl. no. 1:281-305 '55.
Letters from D. M. Perevoshchikov to I. M. Simonov (1830-1850). Ist.-astron. issl. no. 1:306-321 '55.

PERFUMES—EXHIBITIONS
Perfume industry at the All-Union Industrial Exhibition. Masl.-zhir. prom. 22 no. 7:8-9 '56.

PERICARDIUM
Topographical anatomy of the heart and pericardium in some heart diseases. IU. M. Lopukhin. Khirurgiia. 32 no. 8:45-50 Ag '56.

PERICARDIUM—INNERVATION
Topographical anatomy of the pericardial nerves in man. L. F. Gavrilov. Khirurgiia. 32 no. 8:50-53 Ag '56.

PERICARDIUM—TUMORS
Cyst on the right posterior-lateral wall of the pericardium. M. B. Dribinskii. Khirurgiia. 32 no. 8:76-79 Ag '56.

PERIODICALS—CIRCULATION see Newspaper and periodical circulation

PERIODICALS, FRENCH see French periodicals

PERIODICALS, RUSSIAN see Russian periodicals

PERITONEUM
Permeability of the peritoneum in peritonitis and chronic diseases of the abdominal viscera. V. S. Danilova. Vest. khir. 77 no. 10:80-83 O '56.

PERMAFROST see Frozen ground

PERMANGANATES
Oxidation of organic compounds. Part 13. Permanganate method for the analysis of alkylbenzene mixtures. D. V. Suvorov, M. I. Khmura, I. N. Monastyreva. Izv. AN Kazakh. SSR. Ser. khim. no. 10:73-80 '56.

PERMEABILITY
Effect of ionizing radiation on the permeability of plant tissue. A. M. Kuzin, N. B. Strazhevskaia. Biofizika 1 no. 7:637-641 '56.
Filtration of a fluid in a stratum nonhomogeneous in thickness and permeability. N. S. Piskunov. Trudy VNII no. 8:232-240 '56.
Methods of determining the permeability of sands on the basis of core samples. A. N. Snarskii, V. IA. Shiltsyn. Azerb. neft. khoz. 35 no. 7:4-6 Jl '56.
Permeability of the nasal tissue and migration of leukocytes to the surface of the nasal mucosa following disorders of sensory innervation. V. D. Dragomiretskii. Arkh. pat. 18 no. 5:55-62 '56.

PEROXIDASE
Determining the activity of peroxidase in plants by means of the guaiacol method. Kh. N. Pochinok. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:65-74 '55.
Variation in the activity of peroxidase during the maturation of the grapevine in the Crimea. V. N. Chykalenko. Stud. nauk. pratsi no. 20:67-73 '56.

PERSIAN INSCRIPTIONS see Inscriptions, Persian

PERSIAN LANGUAGE—PARTICIPLE
Participles as adverbs in modern Persian [in Azerbaijani with summary in Russian]. T. Rustamova. Uch. zap. AGU no. 1:109-116 '56.

PERSIAN LITERATURE—HISTORY AND CRITICISM
"Ta'rikh-i Shaykh Uwais (History of Shaykh Uwais); an important source for the history of Azerbaijan in the 14th century" [in Persian and English] by J. B. Van Loon. Reviewed by I. P. Petrushevskii. Epig. Vost. no. 11:97-100 '56.

PERSPIRATION
Sweating in symmetric areas of the body in epilepsy in children. V. M. Volovik. Zhur. nevr. i psikh. 56 no. 10: 811-817 O '56.

PERTHITES
Formation of perthites. A. M. Vilenskii. Zap. Uz. otd. Vses. min. ob-va no. 9:97-109 '54.

PERTURBATION
Perturbation of the motion of comets by stars. K. A. Shteins. Astron. zhur. 33 no. 5:750-760 S-O '56.

PERVOURAL'SK—DESCRIPTION
Vivifying water. Viktor Starikov. Ukraina no. 21:15-16 N '56.

PERVOURAL'SK—PIPE, STEEL
Vivifying water. Viktor Starikov. Ukraina no. 21:15-16 N '56.

PETER THE FIRST RANGE—FORESTS AND FORESTRY
Zapriagaeva, V. I. [A study of the trees and shrubs of the Peter the First Range] Ocherk drevesnoi i kustarnikovoi rastitel'nosti khrebta Petra Pervogo. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1954. 79 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad, Trudy, vol. 23)

PETROGRAPHIC MICROSCOPE

Theodolite stage for determining the steric state of structural elements in oriented ore samples. N. I. Vorontsov. Razved. i okh. nedr 22 no. 10:58-61 O '56.

Theory and application of the Fedorov method. L. A. Vardaniants. Vest. Len. un. 11 no. 18:29-39 '56.

PETROKREPOST'—PRISONS

Ruins of a museum. Tat'iana Dostupova. Ogonek 34 no. 48:30 N '56.

PETROLEUM

(see also subdivision under Georgia; Kum Dag; Mangushlak Peninsula; Tatar A. S. S. R.)

Abramov, Sh. S. [Petroleum, its function, prospecting methods, and exploitation] Neft', ee naznachenie, metody razvedki i dobychi. [Groznyi] Groznenskoe kn-vo, 1956. 80 p. (Serila dlia molodezhi)

Quantitative determination of the solid-paraffin content in petroleum. V. G. Gutsaliuk, N. D. Kazakhova, S. R. Rafikov. Izv. AN Kazakh. SSR. Ser. khim. no. 10:91-95 '56.

Reciprocal solubility of carbon dioxide and petroleum of the Romashkinskiy field. V. N. Mamuna and others. Trudy VNII no. 8:392-399 '56.

Study of the behavior of petroleum emulsions in electric fields. Ch. M. Dzhuvarly, N. V. Klimova. Uch. zap. AGU no. 7:9-23 '55.

PETROLEUM—ANALYSIS

(see also subdivision under Albania; Daghestan; Groznyy Province; Irkutsk Province; Tyumen' Province; Yakutia)

Internal structure of paraffinic oils. P. F. Andreev, I. V. Andreeva. Trudy VNIGRI no. 95:355-383 '56.

PETROLEUM—CRACKING see Cracking process

PETROLEUM—PERIODICALS

Readers discuss the work of "Azerbaidzhanskoe neftianoe khoziaistvo." Azerb. neft. khoz. 35 no. 7:45 Jl '56.

PETROLEUM—PIPELINES

Standardizing oil-water separators and pump stations. S. N. Aronov. Stroi. pred. neft. prom. 1 no. 6:5-8 O '56.

Using a welding apparatus for warming frozen pipelines. V. I. Filatov. Neftianik 1 no. 11:21-22 N '56.

Washing paraffin deposits from main oil pipelines. V. V. Borisov. Neftianik 1 no. 11:18 N '56.

PETROLEUM—REFINING

(see also subdivision under Novoufa)

Advanced method for assembling fractionating columns. I. L. Levkovich. Stroi. pred. neft. prom. 1 no. 8:25-26 O '56.

Establishing expenditure norms of alkali for leaching petroleum distillates. M. N. Akhmedov, A. L. German. Azerb. neft. khoz. 35 no. 9:27-28 S '56.

Evaluating the degree of utilization of raw materials by operating crews of oil refineries. R. G. Ismailov, Sh. Sh. Spektor, V. S. Gutyria. Azerb. neft. khoz. 35 no. 7:27-29 Jl '56.

International Petroleum Congress, 4th, Rome, 1955. [4th International Petroleum Congress] IV Mezhdunarodnyi neftianoi kongress. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry.

Vol. 1. [The geology of oil and gas deposits] Geologiia neftianykh i gazovykh mestorozhdenii. (Pod red. A. A. Trofimuka). 1956. 534 p.

Vol. 2. [Geophysical methods in prospecting] Geofizicheskie metody razvedki. (Pod red. V. V. Fedynskogo). 1956. 392 p.

Vol. 4. [The technology of oil and shale processing] Tekhnologiia pererabotki nefti i slantsev. 1956. 527 p.

Vol. 5. [Chemical processing of oil and gas] Khimicheskaia pererabotka nefti i gaza. 1956. 302 p.

Vol. 8. [Equipment, metals, and protection from corrosion] Oborudovanie, metally i zashchita ot korrozii. 1956. 227 p.

Methods for reducing the loss of petroleum and petroleum products in refineries. R. G. Ismailov, I. M. Kardash. Azerb. neft. khoz. 35 no. 9:25-27 S '56.

Methods of utilizing vapor from expanders in condenser systems of oil refineries. S. V. Ginberg, V. P. Uchastkin. Neftianik 1 no. 11:13-15 N '56.

New problems in the chemistry and chemical processing of petroleum. S. R. Sergienko. Vest. AN Kazakh. SSR 12 no. 8:25-43 Ag '56.

Relation of scientists with industry. I. Bychkov. Neftianik 1 no. 11:29-30 N '56.

Tasks of MNP planning institutes in industrializing the assembly of piping systems. A. L. Zil'berberg, M. L. Freidlin. Stroi. pred. neft. prom. 1 no. 8:4-5 O '56.

Two-step filtration in deparaffination plants. E. M. Varshaver, Z. A. Bernadiuk, G. I. IAstrebov. Neftianik 1 no. 11:16-17 N '56.

Vsesoiuznoe soveshchanie po kompleksnoi khimicheskoi pererabotke neftianykh gazov. [Chemical processing of petroleum hydrocarbons; proceedings of a conference] Khimicheskaia pererabotka neftianykh uglevodorodov; trudy soveshchaniia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 654 p.

PETROLEUM—SPECTRA

Using the method of infrared absorption spectra in studies on the geochemistry of oil. E. A. Glebovskaia. Trudy VNIGRI. no. 95:441-480 '56.

PETROLEUM—STORAGE

Readers' letters. Neftianik 1 no. 11:35 N '56.

PETROLEUM—TESTING

Studying deep-well samples of petroleum from pools with a high formation temperature. V. N. Mamuna, A. I. Khaznaferov. Trudy VNII no. 8:379-391 '56.

PETROLEUM—WELL BORING see Oil well drilling

PETROLEUM ENGINEERING

Approximate calculation of gas affluence towards the well simultaneously depleting several gas-bearing formations. E. M. Minskii, M. L. Burshtein. Trudy VNII no. 8:262-279 '56.

Approximate theory of the steady inflow of liquid and gas towards uncompleted wells having a meridional and symmetrical well-bottom design. A. L. Khein. Trudy VNII no. 8:142-178 '56.

Comparison of calculated and experimentally found values for the viscosity of gas-free oils. V. M. Fokeev. Trudy VNII no. 8:335-335 '56.

Computing the flow of the central well of a round-shaped oil pool in the case of elastic drive. K. A. TSarevich, I. F. Kuranov. Trudy VNII no. 8:9-34 '56.

Developing oval-shaped oil pools. Determining the yield and bottom-hole pressure of wells spaced in an elliptical pattern. V. P. Pilatovskii. Trudy VNII no. 8:114-141 '56.

Displacement of petroleum by a gas drive. M. M. Glogovskii, M. D. Rozenberg. Trudy VNII no. 8:280-310 '56.

Efficient oil well spacing in narrow elongated pools. IU. P. Borisov. Trudy VNII no. 8:66-113 '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Petroleum industry.] Ekspress-informatsiia. Serila: Neftianaia promyshlennost' nos. 36-39 S-O '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Petroleum industry.] Ekspress-informatsiia. Serila: Neftianaia promyshlennost' nos. 1-3 Ja '57.

The gas factor in the irregular filtration of petroleum containing dissolved gas. M. D. Rozenberg. Trudy VNII no. 8:320-322 '56.

Heat transfer during ascent of petroleum in the well. A. IU. Namiot. Trudy VNII no. 8:400-412 '56.

Hydraulic fracturing of the formation at well 936. Neftianik 1 no. 11:18b-18c N '56.

Hydrodynamic calculations for an elastic drive. IU. P. Borisov. Trudy VNII no. 8:208-231 '56.

Hydrodynamic calculations of the gas factor of oil pools producing with dissolved-gas drive. L. A. Zinov'eva. Trudy VNII no. 8:323-332 '56.

Injecting fracturing fluids and sands of varying viscosities by lots. I. Agaev. Azerb. neft. khoz. 35 no. 7:20 Jl '56.

Injection of viscous oil into the formation to combat gas breakthrough and to increase oil production. A. G. Durmish'ian. Azerb. neft. khoz. 35 no. 9:17-21 S '56.

"Oil mining" by Sh. N. Mamedov. Reviewed by M. G. Azerb. neft. khoz. 35 no. 9:8 S '56.

Paraffin deposits from formation oils. V. M. Fokeev and others. Trudy VNII no. 8:359-370 '56.

Reciprocity of well arrangements depleting a pool with elastic drive in case of constant pressures in the arrangements. V. P. Pilatovskii. Trudy VNII no. 8:170-207 '56.

Reducing calculations of the affluence of a gasified fluid to calculations of the flow of an incompressible fluid. M. M. Glogovskii, M. D. Rozenberg. Trudy VNII no. 8:311-319 '56.

Reservoirs with a gas cap. G. P. Guseinov. Uch. zap. AGU no. 7:3-8 '55.

Selecting the drive method for oil fields. M. I. Zelnaliy. Azerb. neft. khoz. 35 no. 7:16-18 Jl '56.

Some methods for determining the viscosity of petroleum in oil sands. V. N. Mamuna. Trudy VNII no. 8:361-368 '56.

Using an approximate method for solving problems in the theory of filtration. G. P. Guseinov. Uch. zap. AGU no. 6:3-8 '55.

PETROLEUM ENGINEERING—ELECTROMECHANICAL ANALOGIES

Experimental research on resistance of uncompleted wells. E. M. Minskii, P. P. Markov. Trudy VNII no. 8:35-65 '56.

PETROLEUM GEOLOGY

(see also subdivision under Azerbaijan; Caucasus; Caucasus, Northern; Chelyabinsk Province; Emba Valley; Fergana; Izhma Valley; Kura Valley; Sakhalin)

Consistencies in the change of elasticity of gases dissolved in water in relation to the condition of petroleum- and gas-water boundary. E. E. Bellakova. Inform. sbor. VSEGEI no. 1:99-103 '56.

Determining oil and gas saturation and yield of pay sands. A. A. Khanin. Razved. i okh. nedr 21 no. 2:26-31 Mr-Ap '55.

Method of establishing gas-liquid boundaries in pools having carbonate reservoirs. V. A. Lobov, N. A. Koprova. Razved. i okh. nedr 21 no. 6:20-26 N-D '55.

Mineralogical errors in the book by I. A. Preobrazhenskii and S. G. Sarkisian "Minerals of sedimentary rocks (applicable to the study of petroleum-bearing deposits)." Reviewed by V. N. Dominikovskii. Inform. sbor. VSEGEI no. 1:153-157 '55.

Modern concept of the origin of petroleum. G. L. Stadnikov. Biul. MOIP. Otd. geol. 31 no. 4:107 Jl-Ag '56.

Role of external conditions and internal factors in processes of the formation and change of petroleum in nature; some problems in the theory of petroleum origin. P. F. Andreev. Trudy VNIGRI no. 95:266-297 '56.

Solubility of natural gases in petroleums. K. V. Vinogradov, S. E. Roshal'. Azerb. neft. khoz. 35 no. 7:22-24 Jl '56.

PETROLEUM INDUSTRY

Conference of schools of higher education on new technology in the petroleum industry. V. Gurevich. Neftianik 1 no. 11:32 N '56.

In every way possible promote the action of innovators and and efficiency promoters. A. V. Kozlov. Neftianik 1 no. 11:3-4 N '56.

Petroleum workers are fulfilling their obligations to the 39th anniversary of the October revolution. Neftianik 1 no. 11:1-2 N '56.

Scientific and technological conference of the Groznyy Petroleum Research Institute and industrial workers. P. Metaksa. Azerb. neft. khoz. 35 no. 7:46 Jl '56.

PETROLEUM INDUSTRY—BIBLIOGRAPHY see Bibliography—Petroleum industry

PETROLEUM INDUSTRY—BY-PRODUCTS

Effect of waste gumbrin on soil microflora. G. S. Kosimova. Uch. zap. AGU. no. 2:59-66 '55.

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Corrosion of petroleum industry's offshore metal structures and principal measures to prevent it. K. S. Allverdizade, I. P. Kuliev. Trudy Gipromornefti no. 1:7-12 '54.

Ways of economizing fuel and electric power in establishments of the petroleum industry. Z. S. Droizin. Energ. biul. no. 11:1-6 N '56.

PETROLEUM INDUSTRY—SAFETY MEASURES

Improve safety measures and eliminate injuries. S. I. Nikolaev. Stroi. pred. neft. prom. 1 no. 8:2-3 O '56.

Industrial trauma in the petroleum industry of Azerbaijan and measures for prevention and reduction. A. M. Aliev. Ortop., travm. i protez. 17 no. 2:36-39 Mr-Ap '56.

PETROLEUM PRODUCTS

Economizing petroleum products in repairing engines. V. Svetlov. MTS 16 no. 10:34 O '56.

PETROLEUM RESEARCH

A new scientific research institution for petroleum workers. B. Purkin. Neftianik 1 no. 11:31-32 N '56.

PETROLEUM WORKERS

Some cultural and everyday needs of a new petroleum workers' town. A. P. Krasnov. Neftianik 1 no. 11:33-34 N '56.

PETROLOGY see subdivision under Soviet Central Asia

PETROV, GRIGORII SEMENOVICH, 1886-

Grigorii Semenovich Petrov. Masl.-zhir. prom. 22 no. 7:40 '56.

PETROVKA (FRUNZE PROVINCE)—YOUTH—CONGRESSES

Festival in the village of Petrovka. G. Ivanin. Mol. komm. 14 no. 11:118-119 N '56.

PHACELIA

Effect of mineral fertilizers on the nectar yield of phacelia. F. N. Steshenko. Pchelovodstvo 33 no. 11:32-33 N '56.

Expand vetch growing for seed in mixtures with phacelia. P. V. Vasil'ev. Pchelovodstvo 33 no. 11:31-32 N '56.

Growing phacelia for bees and for ensiling. N. Tolstikhin. Pchelovodstvo 33 no. 11:30-31 N '56.

Studying the nutritive and ensiling qualities of phacelia and willow herb. G. V. Kopel'kievskii. Pchelovodstvo 33 no. 11:25-30 N '56.

PHAGOCYTOSIS

Dynamics of phagocytosis in staphyloderma during treatment by electrophoresis of staphylococcal antiphagin. G. S. Antonov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:88-92 O-D '56.

Effect of chemical stimulation of the skin on the phagocytic reaction of the organism. A. I Shabalin. Arkh. pat. 18 no. 8:112-113 '56.

PHARMACEUTICAL INDUSTRY see Drug industry

PHARMACISTS see subdivision under United States

PHARMACOLOGY

Biological activity of cardiacs. P. I. Chitaev. Sbor. trud. Khar'. vet. inst. 22:194-201 '54.

PHARMACOLOGY (Continued)
Medicines of the future. Mark Popovskii. Znan. sila 31 no. 11:34-37 N '56.

PHASE RULE AND EQUILIBRIUM
Isotopic effect on the liquid-vapor equilibrium of binary systems containing deuterium compounds. I. B. Rabinovich and others. Dokl. AN SSSR 110 no. 3:241-244 S '56.
Supplements to fusibility diagrams for the systems nepheline-kaliophilite-silica and orthoclase-albite-anorthite. V. S. Sobolev. Min. sbor. no. 10:68-76 '56.
Topoanalytical investigation of equilibrium diagrams for multicomponent eutectic systems. Part 1. [with English summary in insert]. L. S. Palatnik, G. M. Kopelovich. Zhur. fiz. khim. 30 no. 8:1949-1958 S '56.

PHEASANTS--PARASITES see Parasites--Pheasants

PHENETHYLAMINE
Effect of fenamin on the visual acuity of the normal eye. G. S. Savinykh. Vest. oft. 69 no. 5:68-73 S-O '56.

PHENOL CONDENSATION PRODUCTS
Condensation of phenol with 1,1,1-trichloro propene-2 and 1,1,3-trichloro propene-1. I. L. Kotlyarevskii, A. I. Korbukh. Trudy Vost.-Sib. fil. AN SSSR no. 4:30-31 '56.

PHENOLS
Composition of the hydrogenate of phenols of primary tar from Cheremkhovo coal. I. V. Kalechits, F. G. Salimgareeva. Trudy Vost.-Sib. fil. AN SSSR no. 5-11 '56.
Condensation of phenol with allyl chloride. I. L. Kotlyarevskii, T. G. Shishmakova. Trudy Vost.-Sib. fil. AN SSSR no. 4:32-36 '56.
Destructive hydrogenation of certain individual phenols. I. V. Kalechits, F. G. Salimgareeva. Trudy Vost.-Sib. fil. AN SSSR no. 4:13-25 '56.
Effect of illumination conditions on polyphenols, polyphenol oxidase and the formation of volatile oils in leaves of mint and coriander [with English summary in insert]. P. A. Kolesnikov, S. V. Ermakova. Fiziol. rast. 3 no. 5:480-488 S-O '56.
Rapid method for determining phenols in phenolates. B. E. Kotlik, A. I. Smyslova. Koks i khim. no. 7:41-42 '56.

PHENOTHIAZINE
Comparative evaluation of methods for treating sheep strongyloata with phenothiazine. S. D. Ul'ianov. Trudy Inst. Zool. AN Kazakh. SSR 9:131-139 '55.

PHENOXIDES
Rapid method for determining phenols in phenolates. B. E. Kotlik, A. I. Smyslova. Koks i khim. no. 7:41-42 '56.

PHILIPE, GERARD, 1922-
Gerard Philipe on the work of the actor. Isk. kino no. 10:91-95 O '56.

PHILOSOPHY
At the Institute of Philosophy of the Academy of Sciences of the U.S.S.R. E. V. Shorokhova. Vop. filos. no. 5: 230-232 '56.
Franko, Ivan. [Selected sociopolitical and philosophical works] Vybrani suspil'no-politychni i filosofs'ki tvory. Kyiv, Derzhpolitvydav URSR, 1956. 498 p. (MIU)
Plekhanov, G. V. [Selected philosophical works; in five volumes] Izbrannye filosofskie proizvedeniia; v piati tomakh. Moskva, Gos. izd-vo polit. lit-ry. Vol. I. 1956. 847 p.
Problems in the history of philosophy and social thought. Vop. filos. no. 5:191-197 '56.

PHILOSOPHY, UKRAINIAN--HISTORY
Akademiia nauk URSR, Kiev. Instytut filosofii. [History of social, political and philosophical thought in the Ukraine] Z istorii suspil'no-politychnoi ta filosofs'koi dumky na Ukraini. Kyiv, 1956. 144 p.

PHONETICS
Characteristic features of linguistic units [in Azerbaijani with summary in Russian]. R. B. Sultanov. Uch. zap. AGU no. 1:119-137 '56.
Idealistic basis of the interpretation of phoneme in the teachings of L. V. Shcherba and his followers. G. G. Alekberli. Uch. zap. AGU no. 4:91-97 '55.

PHONOGRAPH
Homemade sound pickup for a record player. V. Dakinov. Znan. sila 31 no. 11insert N '56 4 p.

PHOSPHATES
(see also subdivision under Kazakhstan)
Conversion of various forms of phosphorus fertilizers in certain soils of the Ukrainian S. S. R. as affected by placement methods. N. I. Kukharenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:315-330 '51.
Effect of granulated superphosphate on crop yields as influenced by the methods of fertilizing and liming sandy-loam turf-Podzolic soils. O. K. Kadrov-Zikhman, K. S. Talasova. Sbor. nauch. trud. Inst. pota, sel'khoz. AN SSSR no. 4:101-117 '56.
Effect of granulated superphosphate on the yield of fiber flax. V. I. Rukan. Sbor. nauch. trud. Inst. pota, sel'khoz. AN SSSR no. 4:194-202 '56.
Enrichment of Chernozem and dark gray loam soils by a single application of phosphates as a road to radical improvement of soil fertility elements. A. I. Dashuchkin. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:38-41 '48.
Fertilizing value of thermophosphate. D. K. Madenov. Vest. AN Kazakh. SSR 12 no. 10:27-36 O '56.
Investigation of the efficiency of top dressing potatoes with superphosphates. A. P. Vahunov, O. I. Onyshchenko. Dop. AN URSR no. 2:152-156 '56.
The optimal acidity of granulated superphosphate for rye, wheat, and beets. F. A. Gorbunova. Uch. zap. Mosk. un. no. 186:39-46 '56.
Review of the book "Methods for analyzing and controlling the production of sulfuric acid and superphosphate." Reviewed by F. F. Zandatina. Zav. lab. 22 no. 9:1136-1137 '56.

PHOSPHORESCENCE
Effect of solvents on the phosphorescence of aromatic compounds at low temperatures. P. A. Teplitskov. Opt. i spektr. 1 no. 7:896-900 N '56.
Tarasov, N.I. [Living light of the sea] Zhivoi svet moria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 124 p. (Nauchno-populiarnaia serila)

PHOSPHORIC ACID
Corrosion of steel in phosphoric acid solutions. D. IA. Kugan. Teploenergetika 3 no. 12:23-24 D '56.
Forms of phosphoric acid in the basic soil types of the Shirvan Steppe. E. S. Musabekova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:129-132 '55.
Movement of phosphoric acid from superphosphate granules into the soil and its absorption by plants. P. A. Vlasiuk, E. S. Kosmatyi, E. A. Tonkal'. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:29-32 '55.

PHOSPHORITES
(see also subdivision under Baikal region; Ukraine)
Use of cationites in the analysis of phosphorites. Sh. T. Tulipov, T. I. Fedorova. Trud. SAGU no. 59:135-140 '54.

PHOSPHORUS
Effect of infrared radiation on the luminescence of ZnS-Cu, Co and ZnS-Cu, Ni phosphors at various electron distributions according to capture levels. L. A. Vlasenkurov. Opt. i spektr. 1 no. 7:901-906 N '56.

PHOSPHORS--SPECTRA
Comparison of the absorption spectra of dehydrated microcrystals of thallium and lead halide salts and of alkali halid phosphors activated by the salts of the above metals. A. A. Shishlovskii. Opt. i spektr. 1 no. 5:765-771 O '56.

PHOSPHORUS
(see also subdivision under Kobyatan)
Plant uptake of phosphorus introduced in the soil in the form of insoluble organophosphorus compounds. L. A. Zuev, A. V. Kochetovkin. Uch. zap. Mosk. un. no. 186: 71-74 '56.
Times for applying phosphorus fertilizer to cotton on saline soils. I. Churmachenko. Khlopkovodstvo 6 no. 11:33-36 N '56.

PHOSPHORUS--ANALYSIS
Photocolorimetric determination of phosphorus in the presence of tungsten, titanium, and niobium. E. I. Nikitina. Zav. lab. 22 no. 9:1027-1030 '56.

PHOSPHORUS--ISOTOPES
Determining small quantities of magnesium by means of radioactive phosphorus. N. I. Polevais, N. N. Chernova, S. L. Mirkina. Inform. sbor. VSEKEI no. 1:119-123 '56.
Distribution of radioactive phosphorus in sugar beets by phosphorus compound groups. P. A. Vlasiuk, E. S. Kosmatyi, L. D. Lendenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:39-42 '55.
Effect of radioisotopes $P^{32}$ and $Zn^{65}$ on the growth and sugar content of sugar beets. P. A. Vlasiuk, E. S. Kosmatyi, L. D. Lendenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:300-304 '52.
Phosphorus exchange in sugar beets. P. A. Vlasiuk, E. S. Kosmatyi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:43-47 '55.
Plant uptake of phosphorus as shown by the accumulation of radioactive isotope $P^{32}$. P. A. Vlasiuk, E. S. Kosmatyi, L. D. Lendenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:294-299 '52.
Radiation method for determining the green bulk of standing plants. V. P. Bolgarina, L. Kh. Eidus. Biofizika 1 no. 7:653-656 '56.

PHOSPHORUS ACIDS
The application of the Hammett equation to organic compounds of elements. The ionization constants of phosphorus acids. M. I. Kabachnik. Dokl. AN SSSR 110 no. 3:393-396 S '56.

PHOSPHORUS COMPOUNDS
Radioactive phosphorus tracers for determining the constitution of phosphorus compounds in plants. V. I. Dulova, N. D. Leonov, N. V. Ventrilova. Trudy FTI AN Us. SSR 6:90-93 '55.

PHOSPHORUS METABOLISM
Distribution of radioactive phosphorus in sugar beets by phosphorus compound groups. P. A. Vlasiuk, E. S. Kosmatyi, L. D. Lendenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:39-42 '55.
Effect of urea on the incorporation of inorganic phosphorus into regenerating tissue [with summary in English]. L. N. Zamanskii and others. Vop. med. khim. 2 no. 5: 346-349 S-O '56.
Phosphorus exchange in sugar beets. P. A. Vlasiuk, E. S. Kosmatyi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:43-47 '55.

PHOSPHORYLATION
Processes of oxidative phosphorylation in extracts from the liver of biotin-deficient animals. O. N. Sytinskaia. Dokl. AN SSSR 110 no. 2:253-256 S '56.

PHOTOCHEMISTRY
Photochemical transformation of F-centers in heated potassium chloride crystals. A. A. Shatalov. Nauk. zap. Kiev. un. 13 no. 7:111-121 '55.

PHOTOCONDUCTIVITY
Investigating the photoconductivity and the photographic effect of cuprous oxide under the action of X rays. A. N. Krenguz. Trudy TSentr. nauch. issl. inst. rentg. i rad. 0:77-85 '55.

PHOTOELECTRIC CELLS
Ionic photorelay [with English summary in insert]. L. N. Korablev. Avtom. i telem. 17 no. 11:1040-1042 N '56.
Photoelectric method of investigating and adjusting commutation in electric machines. IU. E. Nebolsinov. Elektrichestvo no. 11:34-37 N '56.
Some optical characteristics of antimony-cesium photocathodes. N. D. Morgulis, N. IA. Karkhanina. Nauk. zap. Kiev. un. 9 no. 2:5-15 '50.

PHOTOELECTRIC MEASUREMENTS
Photoelectric observations of the spectroscopic binary 10 Tau + 30 Tau [with summary in English]. N. L. Magalashvili, IA. I. Kumsishvili, N. A. Razmadze. Biul. Abast. astrofiz. obser. no. 20:11-15 '56.
Photoelectric planimeter. G. A. Gurzadian. Soob. Biur. obser. no. 18:33-41 '56.

PHOTOELECTRIC MULTIPLIERS
(see also subdivision under United States)
Use of the FEU-12 in scintillation spectroscopy. IU. A. Nemilov. Atom. energ. no. 4:51-56 '56.

PHOTOELECTRICITY
Kinetics of bipolar photoelectromotive force in semiconductors with metal electrodes. E. I. Kaplunova, K. B. Tolpygo. Zhur. tekh. fiz. 26 no. 10:2165-2180 O '56.
P-silicon photoelectric solar energy converters. IU. P. Maslakovets and others. Zhur. tekh. fiz. 26 no. 10: 2390-2397 O '56.

PHOTOGRAPHIC SHUTTERS
Order desk. Tekh. mol. 24 no. 11:36 N '56.

PHOTOGRAPHY see subdivision under United States

PHOTOGRAPHY--NEGATIVES
Studying the fading of latent $\alpha$-particle images. G. Tleubergenova. Vest. AN Kazakh. SSR 12 no. 8: 93-94 Ag '56.

PHOTOGRAPHY--RESEARCH
Are we not on the eve of radical changes in photography and printing? I. Zhilovich. Tekh. mol. 24 no. 11:12-13 N '56.

PHOTOGRAPHY--SOCIETIES--MEDALS
Medal of the Russian Photographic Society. P. Chumak. Ogonek 34 no. 46:31 N '56.

PHOTOGRAPHY, AERIAL
Evseev-Sidorov, A. L., and IA. I. Zlman. [Aerial photography] Aerofotos"emka. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 256 p.
Kolosova, A.E., N.I.Bolsakov, and M.P.Danichev. [Use of enlarged small aerial photographs in forest mensuration work] Ispol'zovanie uvelichennykh melkomasshtabnykh aerosnimkov pri lesoustroitel'nykh rabotakh. Moskva, Goslesbumizdat, 1956. 56 p.

PHOTOGRAPHY, ASTRONOMICAL see Astronomical photography

PHOTOGRAPHY, PARTICLE TRACK
Using thick-layer photoplates in studying the conversion electron spectra of $Ba^{137}$, $In^{113}$, and $In^{115}$ isomers in the beta-ray spectrometer. I. A. Antonova. Izv. AN SSSR. Ser. fiz. 20 no. 8:898-902 Ag '56.

PHOTOGRAPHY, RADIO see Photoelectrography

PHOTOMECHANICAL PROCESSES
Resolving capacity of photographic layers with bichromates. N. N. Pollanskii. Nauch. trudy MPI no. 4:120-136 '56.

PHOTOMETERS
Photoelectric photometers for zodiacal light. V. I. Moroz. Astron. zhur. 33 no. 5:717-728 S-O '56.

PHOTOMETRY
Photometric detection of magnesium in alunite rocks. M. K. Akhmedli, P. B. Granovskaia, L. F. Zhirova. Uch. zap. AGU no. 3:27-33 '55.

PHOTOMETRY, ASTRONOMICAL
Photographic photometry of chromospheric formations. L. I. Krisenko, V. A. Fedorets, R. M. Rapota. TSir. Astron. obser. Khar. un. no. 14:3-7 '55.
Photographic photometry of variable stars during the exposure. D. A. Rozhkovskii. Astron. tsir. no. 171: 14-16 Jl '56.
Photometry of the planetary nebula NGC 6853 ("Dumbbell"). N. A. Razmadze. Astron. zhur. 33 no. 5: 696-707 S-O '56.

PHOTOMICROGRAPHY
Application of microcinematography in mineralogical research. V. A. Smorodin. Min. shor. no. 5:201-206 '51.

PHOTONS—SCATTERING
Diffraction scattering of high-energy photons by nuclei. V. B. Berestetskii, E. V. Kuznetsov. Zhur. eksp. i teor. fiz. 31 no. 4:723 O '56.
High-energy Compton effect. A. A. Abrikosov. Zhur. eksp. i teor. fiz. 30 no. 2:388-398 F '56.

PHOTOPERIODISM
Effect of the day's length on the development and morphogenesis of wheat spikes [with English summary in insert]. Friedeta Blum, Jan Kříž. Fiziol. rast. 3 no. 5:414-422 S-O '56.
Effect of various lengths of the day on yield and variation in the quality of kok-saghyz supplied with nitrogen in the form of ammonium and nitrates. V. A. Dovgan', M. N. Karas'. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:285-299 '51.
Improvement in the physiological properties, composition, and quality of sugar beet seeds under conditions of prolonged day light. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:193-209 '48.

PHOTOSYNTHESIS
Coordinating conference on the problem of photosynthesis. A. A. Nichiporovich. Fiziol. rast. 3 no. 5:495-496 S-O '56.
Interaction of chlorophyll and iron ions. V. I. Dulova, and others. Trudy FTI AN Uz. SSR 6:82-89 '55.
Oxyacids in primary products of photosynthesis. E. A. Boichenko, N. I. Zakharova. Biokhimiia 21 no. 5:623-636 S-O '56.
Spectrophotometric study of chlorophyll absorption line in connection with the problem of cosmic evolution of the photosynthesis. N. I. Suvorov, Z. S. Parshina. Trudy Sekt. astrobot. AN Kazakh. SSR 3:33-47 '55.

PHOTOTELEGRAPHY
Using phototelegraphy in the weather service. Elektrosviaz' 10 no. 12:74-75 D '56.

PHTHALOCYANINE
Structure and fluorescence of magnesium phthalocyanine adsorbates on MgO, Al O , ZnO and glass. V. F. Gachkovskii. Dokl. AN SSSR 110 no. 3:403-410 S '56.

PHYLOGENY (BOTANY)
Monadic structural forms of algae and certain problems concerning their phylogeny. V. I. Poltanskii. Bot. zhur. 41 no. 8:1095-1106 Ag '56.

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Nikopol')
Plenary session of the Scientific Methodological Committee on Physical Culture, devoted to body hardening and acclimatization, held on Dec. 8-10, 1955. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:120-123 O-D '56.
[You have the floor] Slovo za tobol. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 88 p.

PHYSICAL EDUCATION AND TRAINING, MILITARY
Preface. Mast. sporta del. op. no. 5:3-6 '56.

PHYSICAL EDUCATION FOR CHILDREN
[Akovlev, V.G. [Grow up in physical culture] Rasti fizkul'turnikom. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 156 p.
Review the school program in physical education. V. Romanov. Leg. atl. no. 11:16-18 N '56.

PHYSICAL GEOGRAPHY
(see also subdivision under Kobystan; Kura Valley; Ural Valley; Volga Valley)
Main features of the present-day relief of the earth's surface and neotectonics. 2. Types of megarelief of oceans and transitional regions. V. E. Khain, E. E. Milanovskii. Biul. MOIP, Otd. geol. 31 no. 4:3-27 Jl-Ag '56.
Mil'kov, F.N. [The physical geography zone and its content, as exemplified by the Russian Plain] Fiziko-geograficheskii raion i ego soderzhanie; na primere Russkoi ravniny. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 320 p.

PHYSICAL THERAPY
(see also subdivision under Armenia)
Antitoxic hepatic function in fractures of the long bones as affected by some physical factors. D. A. Kogan, V. N. Pilovitskaia, L. I. Snigina. Ortop., travm. i protez. 17 no. 3:68 My-Je '56.
Conferences of the Uzbek Semashko Scientific Research Institute of Health Resorts and Physiotherapy with the participation of members of the Society of Physiotherapeutists and Health Resort Therapeutists. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:117-119 O-D '56.
Making records of physical therapy methods. M. E. Manikov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:97-98 O-D '56.
Materials on the clinical and physiological basis for using physical agents in the compound treatment of hypertension. M. G. Gol'del'man, K. V. Khilevskii. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:32-38 O-D '56.
Physical factors in treating hypertension. N. A. Vinogradov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4: 20-25 O-D '56.
Shenk, N.A. [Teaching walking with lockless apparating. Therapeutic gymnastics and massage in cases of paralysis from poliomyelitis; a practical manual for physicians] Obuchenie khod'be v bezzamkovykh apparatakh, lechebnaia gimnastika i massazh pri paralichakh posle poliomielita; metodicheskoe posobie dlia vrachei. Moskva, Gos. izd-vo med. lit-ry, 1956. 105 p. (DAFM)

PHYSICIANS
The role of feldshers in sanatoria and health resorts. P. E. Morozov. Fel'd. i akush. 21 no. 11:27-28 N '56.

PHYSICISTS, RUSSIAN
Emphasizing the role of Russian scientists in physics courses. A. M. Pavlenko. Nauk. zap. Kiev. un. 9 no. 2:101-120 '50.

PHYSICS
An autobiography. Albert Einstein. Usp. fiz. nauk 59 no. 1:71-105 My '56.
Scientific criticism expressed in the classics of Russian physics. M. H. TSvelykh. Nauk. zap. Kiev. un. 13 no. 7: 5-11 '55.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—EXPERIMENTS
Pokrovskii, A. A., and others. [Demonstrative experiments in physics for classes 6 and 7 of the secondary schools; teacher's manual] Demonstratsionnye opyty po fizike v VI-VII klassakh srednei shkoly; posobie dlia uchitelia. Pod red. A. A. Pokrovskogo. Izd. 2-e. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 270 p.
Readers' suggestions. Fiz. v shkole 16 no. 6:76-78 N-D '56.
Useful advice. N. V. Rutkevich, M. A. Makhortov. Fiz. v shkole 16 no. 6:64-65 N-D '56.

PHYSICS—HISTORY
Applied physics in Saint Petersburg Academy of Sciences in the 19th century. M. I. Radovskii. Trudy Inst. ist. est. i tekh. 15:323-365 '56.

PHYSICS—LABORATORY MANUALS
Moscow. Universitet. Fizicheskii fakul'tet. [Special laboratory manual in physics] Spetsial'nyi fizicheskii praktikum. Pod red. G. V. Spivak. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1945. 2 v.

PHYSICS—RESEARCH see subdivision under Uzbekistan

PHYSICS—STUDY AND TEACHING
(see also subdivision under Great Britain; Leningrad)
Relating the teaching of physics to real life. Fiz. v shkole 16 no. 6:3-6 N-D '56.
Survey of school activities. N. I. Popov and others. Fiz. v shkole 16 no. 6:91-92 N-D '56.

PHYSICS, NUCLEAR see Nuclear physics

PHYSIOLOGICAL APPARATUS
Graphic method for registering conditioned motor reflexes. E. F. Al'bitskaia. Biul. eksp. biol. i med. 42 no. 10:79-80 O '56.
Improvement in the accuracy and stability of the readings of oxyhemograph. L. S. Sochava. Med. prom. no. 4: 26-30 O-D '55.
New type of receiving and registering capsule. V. P. Larionov. Fiziol. zhur. 42 no. 10:913-914 O '56.

PHYSIOLOGICAL CHEMISTRY
Functional biochemistry of the brain. A. V. Palladin. Izv. AN SSSR. Ser. biol. no. 5:11-22 S-O '56.

PHYSIOLOGICAL EFFECT OF LIGHT ON PLANTS see Plants, Effect of light on

PHYSIOLOGICAL OPTICS see Optics, Physiological

PHYSIOLOGICAL PSYCHOLOGY see Psychology, Physiological

PHYSIOLOGY
Mishchenko, M. [In the service of a "single principle"; critical notes] Na poslushakh "Edynoho printsypu"; krytychni zauvazhennia. London, Nakl. "Ukraïns'kol vydavnychol spilky," 1956. 32 p.

PHYSIOLOGY—BIBLIOGRAPHY see Bibliography—Physiology

PHYSIOLOGY—CONGRESSES
(see also subdivision under Brussels)
Resolution of the Eighth Congress of the All-Union Society of Physiologists, Biochemists, and Pharmacologists concerning the report of the Central Council of the All-Union Society of Physiologists, Biochemists, and Pharmacologists on the work of the society for the period August 1947-May 1955. Izv. AN SSSR. Ser. biol. no. 5:125 S-O '56.

PHYSIOLOGY—STUDY AND TEACHING
Development of mental alertness in students during human anatomy and physiology classes. E. P. Brunovt. Est. v shkole no. 6:34-41 N-D '56.

PHYSIOLOGY, PATHOLOGICAL
On the results of the fourth enlarged plenum of the administration of the All-Union Society of Pathophysiologists. V. V. Mikhailov. Arkh. pat. 18 no. 5:124-126 '56.

PHYSIOLOGY, VETERINARY see Veterinary physiology

PHYTOGEOGRAPHY
(see also subdivision under Bulgaria; Yunnan Province)
Vegetation cover of the U. S. S. R. and adjacent countries shown on the map for higher educational institutions. B. V. Sochava. Vest. Len. un. 11 no. 18:79-80 '56.

PHYTOGEOGRAPHY—MAPS
Russia (1917- R. S. F. S. R.) Glavnoe upravlenie geodezii i kartografii. [Vegetation map of the world; for secondary schools] Karta rastitel'nosti mira; uchebnaia dlia srednei shkoly. Red. L. E. Trot'iakova. Moskva, 1954. (map) (NIC)

PHYTONCIDES
Effect of some phytoncides and antibiotics on Flexner's dysentery bacillus. L. D. Zhdanova. Vop. kraev. pat. no. 4:18-19 '54.
Phytoncides in agriculture. Kolkh. Bel. 4 no. 8:40 Ag '56.
Second conference on the problem of phytoncides. A. N. Naukov, E. P. Gromyko. Izv. AN SSSR. Ser. biol. no. 5: 121-123 S-O '56.
Studying the phytoncidal action of marsh tea. N. H. Uman'ska. Stud. nauk. pratsi no. 20:131-139 '56.

PHYTOPLANKTON see subdivision under Pacific Ocean

PIANO—INSTRUCTION AND STUDY
Prokof'ev, G.P. [The formation of an accomplished pianist] Formirovanie muzykanta-ispolnitelia-pianista. Pod red. B.M. Teplova. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 478 p.

PICTURE POSTERS see Posters

PICTURE-WRITING, MAYA
At the International Congress of specialists on American languages and literatures. Iu. V. Knorozov. Vest. AN SSSR 26 no. 11:78-82 N '56.

PIEZOELECTRICITY
Using the piezoelectric effect for determining stresses and vibrations in machines and automatic machines of the fish processing industry. G. V. Mikhailov, V. P. Makovetskii. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:162-180 '54.
X-ray determination of unit cells and space-groups of piezoelectric crystals: $KLiC_4H_4O_8 \cdot H_2O$, $NH_4LiC_4H_4O_8 \cdot H_2O$, $NaHC_4H_4O_8 \cdot H_2O$ and $(NH_4)_2C_4H_4O_8$. G. S. Zhdanev and others. Kristallografiia 1 no. 3:271-273 '56.

PIEZOMETER
Measuring pressure resulting from gas mixture explosions with a piezoelectric gauge. I. S. Zheludev, V. M. Makarov. Kristallografiia 1 no. 3:370-372 '56.

PIGEONS
(see also subdivision under Turkmenistan; Uzbekistan)
Breed pigeons. P. Stanislavskii. Ogonek 34 no. 48:30 N '56.
Pigeons. M. N. Bogdanov. Pitisevodstvo 6 no. 11:34-37 N '56.

PIGPENS see Swine houses and equipment

PIGS see Swine

PIKAS—PARASITES see Parasites—Pikas

PILE DRIVING
Some problems of deep-seating piles in the ground in connection with erecting offshore oil installations. Iu. S. Davydovskii. Azerb. neft. khoz. 35 no. 9:37-40 S '56.

PILING (CIVIL ENGINEERING)
Cathodic protection of the underwater portion of piles. A. A. Parkhadov. Azerb. neft. khoz. 35 no. 9:40-42 S '56.
Effect of water-jet pile sinking on the stability of nearby structures. D. A. Romanov. Gidr. stroi. 25 no. 10:35-37 N '56.
Extracting piles from the cellular coffordam at the Gorkiy Hydroelectric Power Station project by vibration methods. N. A. Preobrazhenskaia. Gidr. stroi. 25 no. 10:13-14 N '56.
Sinking reinforced concrete piles by water jet. P. Denisov. Strotel' 2 no. 8:31 Ag '56.

PILOT EJECTION SEATS
The first "supersonic" parachutist. Znan. sila 31 no. 11:32 N '56.

PINE see subdivision under Dzerzhinsk District (Minsk Province); Georgia; Gori District; Ural Mountain region

PINEGA VALLEY--GEOLOGY, STRATIGRAPHIC
Stratigraphy and paleogeography of the Kazanian stage. IA. D. Zekkel'. Biul. MOIP, Otd. geol. 31 no. 3:57-63 My-Je '56.

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Moscow; Kuybyshev)
Initiative and competition in the work of a Pioneer organization. I. P. Ivanov. Sov. pedag. 20 no. 12:28-35 D '56.
The year ahead. Vozhatyi 32 no. 11:11-13 N '56.

PIPE
All-Union conference of workers in the pipe industry. G. Smolianov. TSvet. met. 29 no. 10:92-93 O '56.
Pipe thaning furnace. I. Kurguzov. Moloch. prom. 17 no. 7:35 '56.

PIPE--CORROSION
Measures for protecting pressure pipelines in hydroelectric power stations from corrosion. P. A. Vlakh. Gidr. stroi. 25 no. 10:58-59 N '56.

PIPE--TRANSPORTATION
Truck for transporting pipe. N. Romashin. Avt. transp. 34 no. 11:14-15 N '56.

PIPE--WELDING
Electric welded pipes with spiral joints for pipelines. V. V. Bartsov. Gidr. stroi. 25 no. 10:56 N '56.

PIPE, STEEL see subdivision under Pervoural'sk

PIPE, STEEL--CLEANING
Machine for cleaning rust from exterior surface of pipes. E. T. Melekhova. Stroi. pred. neft. prom. 1 no. 8:20 '56.

PIPE, STEEL--CORROSION
Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut po stroitel'stvu. [The effect of superimposed direct current on bituminous covering of steel pipes] Vliianie nalozhennogo postoiannogo toka na bitumnye pokrytiia stal'nykh truboprovodov; nauchnoe soobshchenie. Moskva, Otdel nauchno-tekhn. informatsii, 1956. 15 p.

PIPE FITTINGS
Filler V. Moldovskii's suggestions. K. Vladimirov. Strotel' 2 no. 2:10 F '56.
Guravich, D.F. [Principles of calculations for pipe fittings] Osnovy raschota truboprovodnoi armatury. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 279 p.
Using high-frequency currents to solder T-shaped steel pipeline connections used in sanitary engineering. F. I. Kiatiuk. Stroi. pred. neft. prom. 1 no. 8:11-13 O '56.

PIPELINES
Kratzel'man, S. M., N. I. Timofeev, and G. B. Kogan. [Assembling and welding main pipe lines] Montazh i svarka magistral'nykh truboprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 191 p.

PIPELINES--ELECTROMECHANICAL ANALOGIES
Study of hydraulic conditions in a complex heating network by means of an electronic model. N. M. Zinger, K. S. Andreeva. Teploenergetika 3 no. 11:46-51 N '56.

PIPERYLENE
Thermal conversion of 1, 3-pentadiene under various pressures. N. I. Shutkin, T. I. Naryshkina. Izv. AN SSSR, Otd. khim. nauk no. 10:1249-1255 O '56.

PIPETTES
Brief news. Zav. lab. 22 no. 7:877 '56.

PIROGOV, NIKOLAI IVANOVICH, 1810-1881
A great surgeon. A. Gesselevich. Ogonek 34 no. 49:8 D '56.
N. I. Pirogov. B. V. Petrovskii. Zdorov'e 2 no. 12:7-8 D '56.
Nikolai Ivanovich Pirogov on the 75th anniversary of his death. G. Z. Rizkov. Fel'd. i akush. 21 no. 10:37-38 O '56.
Rufanov, I.G. [Nikolai Ivanovich Pirogov, a great Russian surgeon and scientist] Nikolai Ivanovich Pirogov - velikii russkii khirurg i uchenyi. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 40)

PIRYATIN--HORSE BREEDING
Improving breeding and working quality of horses. I.D. Serbohin. Sots. tvar. 20 no. 11:37-40 N '56.

PISTON RINGS
Method for determining the amount of gas escaping into the crankcase through the ring. A. A. Rymkevich. Energ. biul. no. 11:18-23 N '56.
Using piston rings which reduce scorching. K. A. Grekov. Vest. TSNII MPS 15 no. 2:55-56 S '56.

PISTONS
Experimental investigation of the dynamics of a locomotive connecting rod and piston mechanism when there is considerable play in the piston bearings. V. T. Sereda. Trudy KIIIT no. 20:60-79 '56.

PITUITARY BODY
Conditioned reflex changes in the adrenocorticotropic function of the pituitary. N. V. Mikhailova. Probl. endok. i gorm. 2 no. 5:9-12 S-O '56.
Role of the pituitary and the adrenals in the pathogenesis of experimental toxic pulmonary edema. S. M. Leites, N. P. Smirnov. Probl. endok. i gorm. 2 no. 5:54-56 S-O '56.

PITUITARY BODY--TRANSPLANTATION
Transplantation of the hypophysis on a vascular pedicle. T. E. Gindlerybov. Probl. endok. i gorm. 2 no. 5:104-109 S-O '56.

PLACE NAMES see Names, Geographical

PLAGUE--PREVENTIVE INOCULATION
Korobkova, E.I. [Living antiplague vaccine; theory and practice of plague immunoprophylaxis] Zhivaia protivochumnaia vaktsina; teoriia i praktika immunoprofilaktiki chumy. Moskva, Gos. izd-vo med. lit-ry, 1956. 205 p.
(DNLM)

PLANE TABLE
Diagram of contour lines for geological plane tabling. V. A. Korolev. Razved. i okh. nedr. 21 no. 1:56-59 Ja-F '55.

PLANETS--OBSERVATIONS
Current tasks in astronomical observations of Mars and other planets. V. V. Sharonov. Trudy Sekt. astrofiz. AN Kazakh. SSR 4:55-61 '55.

PLANETS, MINOR
Observations of minor planets at the Astronomical Observatory of Kiev State University. V. P. Konoplova and others. Publ. Kiev. astron. obser. no. 7:105-111 '56.

PLANIMETER
Photoelectric planimeter. G. A. Gurzadian. Soob. Biur. obser. no. 19:33-41 '56.

PLANKTON
(see also subdivision under Lena Valley)
Primary production of plankton. G. G. Vinberg. Zhur. ob. biol. 17 no. 5:364-376 S-O '56.

PLANT BREEDING
Plant breeders. D. V. Maksin. Nauka i pered. op. v sel'khoz. no. 10:18-20 O '56.

PLANT CELLS AND TISSUES
Chemical nature and biochemical functions of plastids. N. M. Sisakian. Izv. AN SSSR. Ser. biol. no. 5:32-46 S-O '56.
Microspectrophotometry of protein inclusions in plant cells. M. Gol'din, V. Brodskii, F. Fedotina. Zhur. ob. biol. 17 no. 5:303-305 S-O '56.

PLANT CHEMISTRY see Botanical chemistry

PLANT EMBRYOLOGY see Botany--Embryology

PLANT LICE
(see also subdivision under Gissar Range)
Analysis of the morphological characteristics of aphid populations as a method for short-term predictions of their numbers. V. V. IAkhontov. Zhur. ob. biol. 17 no. 5:377-385 S-O '56.

PLANT REGULATORS see Growth promoting substances

PLANTING see subdivision 'Landscape gardening' under Kara Kum Canal region; Kishinev; Moscow

PLANTS
High frequency radiation unit for plants; exhibit at the 15th All-Union radio exhibition. Radio no. 11:47 N '56.

PLANTS--ABSORPTION OF WATER
Study of the water cycle of Eastern Pamir plants. V. M. Sveshnikova. Bot. zhur. 41 no. 8:1137-1144 Ag '56.

PLANTS--ASSIMILATION
The activity of oxidation and hydrolytic enzymes, dynamics of hydrocarbons, and accumulation of protein as affected of various plant nutrition systems in grassland-beet rotations. P. A. Vlasiuk, Z. M. Klimovitskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:81-99 '51.
Effect of different fertilizing systems on the physiological and biochemical processes in plants of grassland rotations. Z. M. Klimovitskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:92-106 '52.
Movement of phosphoric acid from superphosphate granules into the soil and its absorption by plants. P. A. Vlasiuk, E. S. Kosmatyi, E. A. Tonkal'. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:29-32 '55.
Participation of $C^{14}$, taken up by plants from soil carbonates, in the biosynthesis of carbohydrates. P. A. Vlasiuk, E. S. Kosmatyi, Z. M. Klimovitskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:25-28 '55.
Plant uptake of phosphorus introduced in the soil in the form of insoluble organophosphorus compounds. I. A. Zuev, A. V. Kochetavkin. Uch. zap. Mosk. un. no. 186: 71-74 '56.

PLANTS--CHEMICAL ANALYSIS
New concept of plant lignification. P. A. Kormshchikov. M. I. Zvereva. Zhivotnovodstvo 18 no. 11:50-52 N '56.
Polarographic analysis and its use in agrophysiology. P. A. Vlasiuk, E. S. Kosmatyi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:305-324 '52.

PLANTS--COLLECTION AND PRESERVATION
Plant impressions. E. IAkob. Est. v shkole no. 6:71-72 N-D '56.

PLANTS--COLOR see Color of plants

PLANTS--DISEASE AND PEST RESISTANCE
Studying the enzymology of diseased plants in connection with their resistance to micro-organisms. G. L. Farkash, Z. Kiral'. Izv. AN SSSR. Ser. biol. no. 5:47-56 S-O '56.

PLANTS--FROST RESISTANCE
(see also subdivision under Pamirs)
Effect of environmental conditions on the frost resistance of winter wheat. A. G. Mikhalovskii, G. V. Porutskii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:179-190 '51.
Metabolism and winter hardiness of cold clover populations. I. V. Borzakovskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:209-219 '51.

PLANTS--GEOGRAPHICAL DISTRIBUTION see Phytogeography

PLANTS--HYBRIDIZATION see Hybridization, Vegetable

PLANTS--NUTRITION
Effect of soil aeration on plant uptake of nutrients. T. T. Demidenko, M. S. Galinskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:345-350 '51.
Feeding plants with organic soil substances in the state of molecular dispersion. S. N. Aleshin, T. N. Tiuneeva. Izv. TSKhA no. 2:231-232 '56.
Nutrition of plants and the increase of crop yields. P. A. Vlasiuk. Mich. uch. na sluzh. nar. no. 3:133-154 '55.
Plant uptake of phosphorus as shown by the accumulation of radioactive isotope $P^{32}$. P. A. Vlasiuk, E. S. Kosmatyi, L. D. Londenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:294-299 '52.
Vitamin requirements of plants. K. E. Ovcharov. Est. v shkole no. 6:19-20 N-D '56.

PLANTS - TRANSPIRATION (Continued)

Scales for determining transpiration by weighing twigs. N. P. Krasulin, S. A. Mishin. Bot. zhur. 41 no. 8: 1145-1150 Ag '56.

Study of the diurnal course of transpiration in cotton plants. V. G. Karmanov, S. L. Pumpianskaia. Biofizika 1 no. 1:43-48 '56.

Water loss of makharka plants during harvesting, depending on the variety and growing method. V. A. Dovgan'. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:168-171 '51.

Winter transpiration in trees and shrubs in the Ukrainian steppe region [with English summary in insert]. V. I. Obraztsova. Fiziol. rast. 3 no. 5:409-413 S-O '56.

PLANTS, EFFECT OF ACIDS ON

The optimal acidity of granulated superphosphate for rye, wheat, and beets. F. A. Gorlunova. Uch. zap. Mosk. un. no. 186:39-48 '56.

PLANTS, EFFECT OF ALTITUDE ON

Fruiting of pines in Georgia in relation to vertical zones [also in Georgian, pp. 211-2202]. D. G. Saradzhishvili. Trudy Inst. lesa AN Gruz. SSR 1:221-230 '49.

PLANTS, EFFECT OF ARIDITY ON

Drought resistance of sunflower varieties. T. T. Demidenko and others. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:96-142 '51.

Physiological causes of the increase in the drought resistance of cultivated plants under the effect of fertilizers. A. V. Lazurskii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:86-97 '51.

Studying drought resistance of the castor-oil plant. T. T. Demidenko, R. A. Barinova, V. V. Kiseleva. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:143-167 '51.

PLANTS, EFFECT OF COPPER ON

Physiological importance of copper and its use as a trace element fertilizer on peat soils. L. K. Ostrovskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:48-64 '55.

PLANTS, EFFECT OF HUMIDITY ON

Growing plants in gauze enclosures. B. K. Pogorletskii. Est. v shkole no. 6:67-68 N-D '56.

PLANTS, EFFECT OF LIGHT ON

"Cultivation of vegetable plants under fluorescent lamps" by V. M. Leman; "Utilization of electric light for the cultivation of early vegetables" by V. P. Goncharov. Reviewed by G. V. Artem'ev. Fiziol. rast. 3 no. 5: 490-492 S-O '56.

Effect of illumination conditions on polyphenols, polyphenol oxidase and the formation of volatile oils in leaves of mint and coriander [with English summary in insert]. P. A. Kolesnikov, S. V. Emenova. Fiziol. rast. 3 no. 5:480-486 S-O '56.

Effect of sunlight on the properties of raw cotton. Sh. Kadyrov. Tekst. prom. 16 no. 9:14-15 S '56.

Using tracer methods in studying the effect of light intensity on the intake of mineral substances by plants (experiments with isotopes of sulphur - 35). V. V. Rachinskii, L. A. Sinitskhina. Izv. TSKhA no. 2:83-98 '56.

PLANTS, EFFECT OF MANGANESE ON

Improving the nutrition of agricultural plants by means of the trace element manganese. L. D. Lendenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:142-158 '52.

Use of manganese fertilizers on various soils of the U. S. S. R. to increase the productivity of agricultural plants. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR [illegible]

Oxidation-reduction processes in plants fed with nitrogen in the form of nitrates and ammonium. L. K. Ostrovskaia, A. S. Okanenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:165-197 '48.

PLANTS, EFFECT OF POTASSIUM ON

Changes in the anatomical structure of the aerial organs of plants due to potassium nutrition [with English summary in insert]. L. E. Rogalev. Fiziol. rast. 3 no. 5: 463-469 S-O '56.

PLANTS, EFFECT OF RADIATION ON

Biophysical interpretation of radiostimulation phenomena in plants. N. V. Timofeev-Resovskii. Biofizika 1 no. 7: 616-627 '56.

Effect of ionizing radiations on the growth and development of certain agricultural plants. L. P. Breslavets and others. Biofizika 1 no. 7:628-632 '56.

Effect of ionizing radiation on the permeability of plant tissue. A. M. Kuzin, N. B. Strazhevskaia. Biofizika 1 no. 7:638-641 '56.

Methods and results of some experiments on radiostimulation of plants. N. A. Poriadkova. Biofizika 1 no. 7: 597-615 '56.

Radiation method for determining the green bulk of standing plants. V. P. Bolgarina, L. Kh. Eidus. Biofizika 1 no. 7:653-656 '56.

PLANTS, EFFECT OF RADIOACTIVITY ON

Effect of small doses of ionizing radiation on agricultural plants. P. A. Vlasiuk and others. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:3-15 '55.

Methods of studying natural radioactivity in plants. E. Z. Sen'chuk. Stud. nauk. pratsi no. 20:75-78 '56.

PLANTS, EFFECT OF SALTS ON
(see also subdivision under Mugan Steppe)

Effect of micro- and macroelements of saline solutions on the yielding ability of seeds and the growth and development of spring wheat. M. M. Bykov, S. IA. Dapina. Dokl. Akad. sel'khoz. 21 no. 11:12-16 '56.

Effect of salinization on the early stages of growth and development of spring and winter wheat. F. L. Kalinin. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:172-178 '51.

Salt resistance of cotton in the Shirvan Steppe. I. A. Shchipanova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:233-241 '55.

PLANTS, EFFECT OF TEMPERATURE ON

Role of protoplasm viscosity in the resistance of plants to high and low temperatures [with English summary in insert]. P. A. Genkel', K. A. Badanova. Fiziol. rast. 3 no. 5:455-462 S-O '56.

PLANTS, FLOWERING OF
(see also subdivision under Turkmenistan)

Biology of the flowering of millet in the White Russian S. S. R. B. N. Zhuravel'. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:249-254 '56.

PLANTS, MEDICINAL see Botany, Medical

PLANTS, MOTION OF FLUIDS IN

Concentration of cell sap in cotton leaves in relation to the age and water supply of the leaves [with English summary in insert]. L. A. Filippov. Fiziol. rast. 3 no. 5:393-398 S-O '56.

"Movement of nutrients in plants" by M. V. Afanas'eva. Reviewed by M. V. Turkina. Fiziol. rast. 3 no. 5: 492-494 S-O '56.

Rhythmical change of direction in the movement of plastic matter in cut plant stems. V. O. Kazarian, N. E. Zakarina, N. V. Balagezian. Izv. AN Arm. SSR. Biol. i sel' khoz. nauki 9 no. 10:3-13 O '56.

Some peculiarities of the movement of organic substances in plants and the influence of irrigation on this process [with English summary in insert]. N. I. IAkushina, S. M. Poroiskaia, T. G. Filatova. Fiziol. rast. 3 no. 5:423-430 S-O '56.

PLANTS, PROTECTION OF—CONGRESSES see subdivision under Great Britain

PLANTS, PROTECTION OF—EXHIBITIONS

Improve plant protection exhibits. D. M. Kharitonov. Nauka i pered. op. v sel'khoz. no. 10:40-41 O '56.

PLANTS, SPACE ARRANGEMENT OF

Effect of accurate checking on mechanical intertilling of cotton. N. Vol'kovich, Sh. Bakhtiarov. Khlopkovodstvo 6 no. 11:58-60 N '56.

Effect of wider spacing of plants on the chemical composition of sugar beets. E. N. Alekseeva. Sakh. svekl. no. 8:30-35 O '56.

It is important to take soil conditions into consideration in selecting space arrangments. R. Sultanov. Khlopkovodstvo 6 no. 11:45-46 N '56.

Physiological principles of the space arrangement of sunflower and castor-oil plant in connection with mechanized field work. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2: 126-132 '48.

Spacing pattern of cotton on collective farms serviced by our machine-tractor station. A. Maksudov, G. Vaniushkin. Khlopkovodstvo 6 no. 11:40-42 N '56.

What are the advantages of a 50 x 50 cm. space arrangement of cotton plants. Kh. Khalmirzaev. Khlopkovodstvo 6 no. 11:42-43 N '56.

What prevents wide introduction of the 50 x 50 cm. space arrangement of cotton plants. A. Kurbanov. Khlopkovodstvo 6 no. 11:44-45 N '56.

PLANTS, USEFUL see Botany, Economic

PLASTER

Using rich lime paste for waterproof plastering mortars. P. N. Tiulinkov. Stroi. prom. 34 no. 10:49 O '56.

PLASTER BOARD

Device for making triangle grooves in plaster boards. Stroitel' 2 no. 3:insert Mr '56.

PLASTER CASTS, SURGICAL

Simplified plaster cast for congenital hip dislocation in infants. K. A. Krumin'. Ortop., travm. i protez. 17 no. 2:45-46 Mr-Ap '56.

PLASTERING

Mobile plaster mixing plant. G. Ruderman. Stroitel' 2 no. 2:17-18 F '56.

Standard screed. Stroitel' no. 6:13 Ag '56.

PLASTICITY

Plastic sagging of ice beams. K. F. Voitkovskii. Dokl. AN SSSR 110 no. 3:383-386 S '56.

PLASTICS

Creations of human hands and brains. A. Budanov. Tekh. mol. 24 no. 11:30-32 N '56.

Lathe operations on "Getinaks," a laminated plastic material. N. I. Konovalov, N. Z. Verber. Trudy Ural. politekh. inst. no. 50:131-148 '56.

New types of plastic materials and synthetic fibers. S. D. Davydov. Khim. v shkole 11 no. 6:17 N-D '56.

PLASTICS—MOLDING

Simplification of the design of forms for plastics. A. A. Shturman. Med. prom. no. 2:15-16 Ag-Je '56.

Universal form for pressing plastics. A. A. Shturman. Med. prom. no. 3:39-41 Jl-S '56.

PLATINUM GROUP

Crystals of complex compounds of platinum group metals. (Article 14). E. E. Burovaia. Kristallografiia 1 no. 3:368-369 '56.

PLATINUM GROUP CRYSTALS

Crystals of complex compounds of platinum group metals. (Article 13). M. N. Lisshenko. Kristallografiia 1 no. 3:361-365 '56.

PLAYS, COLLEGE see subdivision 'College and school drama' under Minsk

PLAYS, TELEVISION see Television plays

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1918

Georgii Valentinovich Plekhanov; on the centenary of his birth. IU. Vasil'ev. Komm. Bel. 20 no. 11:9-18 N '56.

Outstanding propagandist of Marxism; on the centennial of G. V. Plekhanov's birth. V. Skorobahaty. Rab. i shial. 32 no. 12:15-16 D '56.

Scientific legacy of G. V. Plekhanov; on the centenary of his birth. V. A. Fomina. Vest. AN SSSR 20 no. 11:59-61 N '56.

Trofimov, P.S. [G.V.Plekhanov's ideas on esthetics] Esteticheskie vzgliady G.V.Plekhanova. Moskva, Izd-vo "Znanie," 1956. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, no. 23)

PLETHYSMOGRAPH

ZP-2 finger plethysmograph. V. M. Danchakov. Med. prom. no. 3:43-44 Jl-S '56.

PLEURA—SURGERY

Drainage of the pleural cavity. N. A. Zakharov. Khirurgiia. 32 no. 8:68-69 Ag '56.

PLISSKIY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION

A slanderer was punished. Komm. Bel. 30 no. 12: 67 D '56.

PLOWING
(see also subdivision under Gomel' Province; Krasnodar Territory; White Russia)

Effect of deep plowing on sugar-beet yields. V. G. IAtsenko. Sakh. svekl. no. 7:26-28 S '56.

Effect of deep plowing on the fertility of Solonetz-type Chestnut soils and dark-colored soils. A. S. Shulov. Sel'khoz. Povol. no. 10:73-74 O '56.

Exemplary deep plowing of sugar beet fields for the 1957 crop. Sakh. svekl. no. 7:1-4 S '56.

PLOWS

How to attach the PN-3-35 plow to KDP-35 tractors. M. M. Vesna. Mekh. sel'khoz. 7 no. 10:11 O '56.

Plow used for covering up trench silos with soil. I. Tikhomirov. Sovkhoz. proizv. no. 10:69-70 O '56.

Proper hitching of tractor plows. A. Pilshkin, E. Egorova. MTS 16 no. 10:23-24 O '56.

PLUM

Effect of chemical treatment of plum trees. V. V. Vereshchagina, P. Kh. Kinkin. Sad. vin. Mold. 11 no. 5:59-60 S-O '56.

More attention to the cultivation of damson. P. A. Kuznetsov. Sad i og. no. 10:49-50 O '56.

PLURALITY OF WORLDS

Astrobiology as a new segment of creative Darwinism. N. I. Suvorov. Trudy Sekt. astrobot. AN Kazakh. SSR 4:63-67 '55.

Basic problems and prospects in astrobotany. G. A. Tikhov. Trudy Sekt. astrobot. AN Kazakh. SSR 4:7-37 '55.

Opening address by the chairman of the conference, Professor P. M. Gorshkov. Trudy Sekt. astrobot. AN Kazakh. SSR 4:5-6 '55.

Resolutions of the conference. Trudy Sekt. astrobot. AN Kazakh. SSR 4:159-160 '55.

PLUTONIUM

Atomizing metals by fission fragments. F. S. Lapteva, B. V. Ershler. Atom. energ. no. 4:63-66 '56.

Direct measurement of the energy dependent changes of values for U , U and Pu . B. Pilevsky and others. Atom. energ. no. 4:71-79 '56.

PLUTONIUM—ISOTOPES

Beta spectrum of $Pu^{241}$. K. N. Shlagin. Izv. AN SSSR. Ser. fiz. 20 no. 8:991-996 Ag '56.

Physical deterioration of the fuel material in nuclear reactors. B. L. Ioffe, L. B. Okun'. Atom. energ. no. 4: 86-91 '56.

PLYWOOD

Lebedev, V.S. [Plywood production] Fanernoe proizvodstvo. Moskva, Goslesbumizdat, 1956. 414 p.

PNEUMATIC CONTROL

Experimental determination of the rigidity of rubber-fabric diaphragms [with English summary in insert]. V. P. Tennyl. Avtom. i telem. 17 no. 11:1042-1045 N '56.

PNEUMOTHORAX

Extrapleural pneumolysis in ineffective artificial pneumothorax. V. D. Iampol'skaia. Khirurgiia. 32 no. 8: 13-16 Ag '56.

POACHING

(see also subdivision under Kazakhstan)

Follow-up on published articles. Okh. i okh. khoz. no. 11:60 N '56.

PODOLIA—CHARNOCKITES

Existence of the Podolia charnockite-norite formation. IU. Ir. Polovinkina, E. B. Nalivkina. Inform. sbor. VSEGEI no. 1:13-17 '55.

PODOLIA—NORITE

Existence of the Podolia charnockite-norite formation. IU. Ir. Polovinkina, E. B. Nalivkina. Inform. sbor. VSEGEI no. 1:13-17 '55.

PODOL'SK—MACHINERY INDUSTRY

This is where our work is. A. Belousov. Mol. komm. 14 no. 11:82-86 N '56.

PODZOL

(see also subdivision under White Russia)

Chemical properties of turf-Podzolic soils within the rows of winter rye, oats, and vetch-oats mixtures. F. I. Levin. Uch. zap. Mosk. un. no. 186:59-62 '56.

Effect of granulated superphosphate on crop yields as influenced by the methods of fertilizing and liming sandy-loam turf-Podzolic soils. O. K. Kedrov-Zikhman, K. S. Talanova. Sbor. nauch. trud. Inst. sots. sel'khoz. AN DSSR no. 4:101-117 '56.

Effect of organic fertilizers in connection with the liming of turf-Podzolic soils and grassland crop rotation. O. K. Kedrov-Zikhman, T. I. Zenkovich, N. I. Krupen'. Sbor. nauch. trud. Inst. sots. sel'khoz. AN DSSR no. 4: 37-59 '56.

Effect of systematical fertilizing on changes in the properties of turf-Podzolic soils and field crop yields. I. P. Arens. Uch. zap. Mosk. un. no. 186:63-70 '56.

Study of the qualitative composition of humus in turf-Podzolic soils in connection with some methods of their cultivation. N. P. Kovalevskaia, N. N. IAroshenko. Sbor. nauch. trud. Inst. sots. sel'khoz. AN DSSR no. 4: 118-130 '56.

POINTERS (DOGS)

(see also subdivision under Crimea)

Interrepublic field trails for pointing dogs. B. Kalachev. Okh. i okh. khoz. no. 11:31-34 N '56.

POLAND—ARIANISM

The school program of the plebeian wing of Polish Arianism. K. Lepshi. Dokl. i soob. Inst. ist. no. 6: 153-166 '56.

POLAND—CAPITALISM

"The formation of capitalism in Poland" [in Polish] by Witold Kula. Reviewed by V. K. IAtsunskii. Vop. ist. no. 8:177-181 Ag '56.

POLAND—CHURCH AND STATE—CATHOLIC CHURCH

Contemporary Polish writings on the Vatican and the Catholic Church. I. R. Grig. Vop. ist. rel. i ateiz. no. 4:314-321 '56.

POLAND—HISTORY

Akademiia nauk SSSR, Institut slavianovedeniia. [History of Poland; in three volumes] Istoriia Pol'shi; v trekh tomakh. Moskva.

Vol. 1. (Izd. 2-oe, dop. Pod red. V.D.Koroliuka i dr.). 1956. 706 p.

Progressive Polish publicists of the 16th century on the events of their time. L. V. Volkova. Uch. zap. Inst. slav. 14:179-226 '56.

POLAND—METEOROLOGY

Meteorology and hydrology abroad. A. G. Bulavko. Meteor. i gidrol. no. 10:71-72 O '56.

POLAND—MINING ENGINEERING—STUDY AND TEACHING

Schools of mining engineering in Poland. Maikherchik Marian. Mast. ugl. 5 no. 10:31 O '56.

POLAND—PARACHUTISTS

Parachutists of the Polish People's Republic. Kryl. rod. 7 no. 8:9 Ag '56.

POLAND—PEAT INDUSTRY

Peat enterprises in the People's Republic of Poland. B. D. Paramukli. Torf. prom. 33 no. 7:32-34 '56.

POLAND—RELATIONS (GENERAL) WITH KOREA, NORTH

Polish friends help us. Inform. biul. Dep. kul't. ov, s zagr. Min. kul't. i prop. KNDR 4 no. 36:5 S '56.

POLAND—RELATIONS (GENERAL) WITH RUSSIA

Friendship evening of the Polish and Soviet peoples. Slaviane no. 11:61 N '56.

Month of the friendship between the Soviet and Polish peoples. Zhovten' 6 no. 11:125-127 N '56.

POLAND—RELATIONS (GENERAL) WITH THE UKRAINE

Indissoluble friendship of two fraternal peoples. K. Lytvyn. Mystetstvo no. 5:32-34 S-O '56.

POLAND—RETAIL TRADE

Organization of trade in Polish cities. N. Kirsanov. Sov. torg. no. 11:26-30 N '56.

POLAND—THERAPEUTICS, PHYSIOLOGICAL

Indications and contraindications for health resort treatment in the Polish People's Republic. M. E. Manikov, G. A. Nevraev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:99-100 O-D '56.

POLAND—UROLOGY—HISTORY

History of the development of urology in Poland. S. Vasilovskii. Urologiia 21 no. 3:53-56 Ji-S '56.

POLARIZATION (ELECTRICITY)

Transverse electric field technique for investigating polarization in seignette salt. A. N. Sozina. Uch. zap. Ped. inst. Gerts. 125:65-71 '56.

POLARIZATION (LIGHT)

Some simple class-room experiments on the division of plane-polarized light. P. N. Chirvinskii. Min. sbor. no. 6:303-305 '51.

Theory of elliptic polarization of light reflected from isotropic media. D. V. Sivukhin. Zhur. eksp. i teor. fiz. 30 no. 2:374-381 F '56.

POLAROGRAPHY

Polarographic analysis and its use in agrophysiology. P. A. Vlasiuk, E. S. Kosmatyi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:305-324 '52.

Polarographic behavior of the hydrogen ion in a variety of individual and mixed solvents. Part 1. Solutions of water in methyl alcohol and in $CH_3OH+H_2O$ mixtures [with English summary in insert]. P. K. Migal', IA. I. Tur'ian, N. I. Bondarenko. Zhur. fiz. khim. 30 no. 9:2003-2010 S '56.

Rapid differential thermal analysis using the SKM-6 polarograph. V. P. Ivanov, F. IA. Bindul'. Inform. sbor. VSEGEI no. 1:127-132 '55.

POLE VAULTING

D'iachkov, V.M. [Pole vaulting] Pryzhok s shestom. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 322 p.

POLECATS

A flight of two predators. P. Mazurov. Okh. i okh. khoz. no. 11:60 N '56.

POLESYE—HYDROLOGY

On the water system of Paleozoic deposits in the western part of the Pripet Polesye of the Ukrainian S. S. R. K. M. Varava. Dop. AN URSR no. 4:384-387 '56.

POLIOMYELITIS

Epidemiology of poliomyelitis. M. K. Voroshilova, S. G. Dzagurov. Fel'd. i akush. 21 no. 11:3-6 N '56.

Pathogenesis and prevention of severe paralysis in epidemic poliomyelitis. K. A. Vinokurov. Ortop., travm. i protez. 17 no. 2:64-70 Mr-Ap '56.

Shenk, N.A. [Teaching walking with lockless apparatus. Therapeutic gymnastics and massage in cases of paralysis from poliomyelitis; a practical manual for physicians] Obuchenie khod'be v bezzamkovykh apparatakh, lechebnaia gimnastika i massazh pri paralichakh posle poliomielita; metodicheskoe posobie dlia vrachei. Moskva, Gos. izd-vo med. lit-ry, 1956. 105 p. (DAFM)

POLITICAL ECONOMY see Economics

POLITICAL PARTIES see subdivision under France; Italy

POLITICAL SCIENCE—BIBLIOGRAPHY see Bibliography—Political science

POLITICAL SCIENCE—HISTORY

Vulgar sociological errors in a study on the history of political theory ("History of political theory." Reviewed by A. I. Kazartin). Vop. ist. no. 8:120-141 Ag '56.

POLIUTA, GEORGII ANTONOVICH, 1820-1897

Outstanding Russian veterinary scientists, Georgii Antonovich Poliuta; 1820-1897. S. V. Bazhenov. Sbor. trud. Khar'. vet. inst. 22:50-60 '54.

POLLEN

Certain characteristics of the pollen of plants of the genus Nicotiana. IE. L. Kurdium. Stud. nauk. pratsi no. 20: 79-87 '56.

Structure of the pollen wall. L. A. Kuprianova. Bot. zhur. 41 no. 8:1212-1216 Ag '56.

POLLEN, FOSSIL see subdivision under Yenisey Ridge

POLLINATION see Fertilization of plants

POLONIUM—ISOTOPES

On $O \rightarrow O$ transition in RaC'. B. S. Dzhelepov, S. A. Shestopalova. Izv. AN SSSR. Ser. fiz. 20 no. 8:933-940 Ag '56.

POLTAVA PROVINCE—MACHINE-TRACTOR STATIONS

We are carrying into effect the directives of the Twentieth Congress of the Communist Party of the Soviet Union. I. Korzun. MTS 16 no. 10:4-7 O '56.

POLUNIN, ALEKSEI IVANOVICH, 1820-1898

A. I. Polunin, editor of the "Moskovskii Vrachebnyi Zhurnal"; 135th anniversary of his death. A. I. Strukov. Arkh. pat. 18 no. 8:94-96 '56.

POLYMERIZATION

Effect of molecular weight and polymolecularity of vinyl perchloride resin on the physical and mechanical properties of "chlorin" fibers. B. E. Geller. Tekst. prom. 16 no. 11:14-16 N '56.

Sensitization of the radiolytic depolymerization of deoxyribonucleic acid. A. M. Kuzin, E. V. Budilova. Biofizika 1 no. 1:57-59 '56.

POLYMERS

Free radical polymerization and copolymerization of $\beta$-butoxyethylvinyl sulfide. M. F. Shostakovskii, E. N. Prilezhaeva, A. M. Khomutov. Izv. AN SSSR. Otd. khim. nauk no. 10:1230-1235 O '56.

Internal rotation in polymer chains and their physical properties. Part 4. Theory of fusion of crystal polymers. M. V. Vol'kenshtein. Zhur. tekh. fiz. 26 no. 10: 2287-2292 O '56.

Measuring particle size in aqueous dispersions of polymers. G. IA. Gordon. Zav. lab. 22 no. 8:1079-1080 '56.

Miscibility of polymers. Part 3. The heats of mixing of polymers [with English summary in insert]. G. V. Struminskii, G. L. Slominskii. Zhur. fiz. khim. 30 no. 9:1941-1947 S '56.

On the chemistry of active molecules forming following the mechanical destruction of polymers. A. A. Berlin. Dokl. AN SSSR 110 no. 3:401-403 S '56.

Sorption of hydrogenated monomers by amorphous polymers in the glassy state [with English summary in insert]. V. A. Kargin, T. V. Gatovskaia. Zhur. fiz. khim. 30 no. 9:2051-2058 S '56.

POLYNOMIALS

Some methods of approximating continuous function of trigonometric polynomials. M. D. Kalashnykov. Dop. AN URSR no. 2:113-119 '56.

POLYNOMIALS, ORTHOGONAL see Functions, Orthogonal

POLYZOA, FOSSIL

(see also subdivision under Altai Mountains; Kazakhstan; Siberia)

First discoveries of the genus Unitrypa in the U. S. S. R. V. P. Nekhoroshev. Inform. sbor. VSEGEI no. 1:115-117 '55.

POPLAR—DISEASES AND PESTS

Little known polypores on Populus and Tamarix and their importance in the Kara-Kalpak A. S. S. R. IU. V. Sinadskii, M. A. Bondartseva. Bot. zhur. 41 no. 8:1177-1183 Ag '56.

POPOV, ALEKSANDR NIKIFOROVICH, 1840-1881

Life and work of Aleksandr Nikiforovich Popov. G. V. Bykov. Trudy Inst. ist. est. i tekh. 12:200-245 '56.

POPOV, MIKHAIL FEDOROVICH, d. 1954
M. F. Popov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 8:214-215 '55.

POPOV, OLEG
Oleg Popov's smiles and grimaces. Mikh. Dolgopolov. Sov. Soiuz no. 12:35 D '56.
Triumph of a Soviet artist. Teatr. 17 no. 10:172-173 O '56.

POPULATION see subdivision under Russia

POROSITY
Differential porosity of certain soils in the eastern part of the Shirvan Steppe. R. G. Mamedov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:209-214 '55.

PORTS see subdivision 'Harbors' under Takhia-Tash

PORTUGAL—TEXTILE PRINTING
New type of printing machine (from materials in "Moniteur Textile," no. 3, 1956). V. M. Butovich. Tekst. prom. 16 no. 11:66-67 N '56.

POSITRONS
Investigating the angular distribution of gamma quanta in positron annihilation in various substances. K. A. Baskova, B. S. Dzhelepov. Izv. AN SSSR. Ser. fiz. 20 no. 8: 951-955 Ag '56.
Ionization slowing down of high-energy electron-positron pairs. V. B. Berestetskii, B. V. Geshkenbein. Zhur. eksp. i teor. fiz. 31 no. 4:722-723 O '56.

POSSIBILITY
Abstract and real possibilities. S. B. Morochnik. Vop. filos. no. 5:60-69 '56.

POST-MORTEM EXAMINATIONS see Autopsy

POSTERS
Alcev, R. [Poster in community centers] Plakat v klube. Moskva, Gos. izd-vo kul'turno-prosvetil. lit-ry, 1952. 82 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 13) [MICROFILM]
The art of cinema posters. I. TSyrlin. Isk. kino no. 10: 70-77 O '56.
Electrified posters. I. Zhilinskii. Kinomekhanik no. 11: 33-34 N '56.

POTASSIUM
Effect of potassium on the growth, yield, and composition of sugar beets. F. I. Zavgorodnii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:105-125 '48.
Leaching potassium from turf-Podzolic and peat-bog soils under climatic conditions of the White Russian S. S. R. I. P. Vil'gusevich. Sbor. nauch. trud. Inst. pochv. sel'khoz. AN BSSR no. 4:143-156 '56.

POTASSIUM—ISOTOPES
The biological role of radioactive isotope, K A. P. Vinogradov. Dokl. AN SSSR 110 no. 3:375-378 S '56.

POTASSIUM CHLORIDE
Photochemical transformation of F-centers in heated potassium chloride crystals. A. A. Shatalov. Nauk. zap. Kiev. un. 13 no. 7:111-121 '55.
Surface ionization of potassium chloride and cesium chloride molecules in an electric field. N. I. Ionov. Zhur. tekh. fiz. 26 no. 10:2200-2203 O '56.

POTASSIUM FLUORIDES
Use of potassium fluoride in gravimetric determination of chromium. Sh. T. Talipov, T. I. Fedorova. Trudy SAGU no. 40:57-63 '53.

POTASSIUM PERMANGANATE
Effect of permanganate in accelerating the oxidation of paraffin with oxygen of the air. B. N. Tiutiunnikov, A. A. Perchenko. Masl.-zhir. prom. 22 no. 7:20-23 '56.

POTASSIUM SALTS
Effect of potassium fertilizers on soil microflora. IE. K. Buzhenko. Stud. nauk. pratsi no. 20:113-119 '56.
Effect of potassium fertilizers on the total number of compounds and the amount of water-soluble nutrients in sugar beets. I. A. Sirochenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:75-77 '55.
Effect of potassium fertilizers on the yield and quality of tomatoes. V. S. Dolia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:99-103 '55.
Effect of various potassium fertilizers on sugar beet yield. P. Z. Lisoval. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:131-138 '51.
Improving plant nutrition with different forms of potassium fertilizers in irrigated fields. P. A. Vlasiuk, S. I. Derevianko, A. L. Pechura. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:109-129 '55.

POTASSIUM SODIUM TARTRATE
Transverse electric field technique for investigating polarization in seignette salt. A. N. Sozina. Uch. zap. Ped. inst. Gerts. 125:65-71 '56.

POTASSIUM SODIUM TARTRATE—ELECTRIC PROPERTIES
Pulse technique for investigating the electric properties of seignette salt. A. N. Sozina. Uch. zap. Ped. inst. Gerts. 125:73-84 '56.

POTASSIUM SODIUM TARTRATE—MAGNETIC PROPERTIES
Curie point of seignette salt. M. S. Kosman, A. N. Shevardin. Uch. zap. Ped. inst. Gerts. 125:55-64 '56.

POTATOES
(see also subdivision under White Russia)
Characteristics of the microflora in the rhizosphere of potatoes. L. I. Apostolova. Stud. nauk. pratsi no. 20: 121-129 '56.
Effect of some conditions of cultivation on the biochemical qualities of early (young) potato tubers. V. D. Volkov. Dop. AN URSR no. 2:165-168 '56.
Ensilaging potatoes. F. P. Platonov. Sel'khoz. Povol. no. 10:74 O '56.
Ermakova, A.P. [How we attained skill; experience of potato growers on the "Borodino" Collective Farm] Kak my dobilis' masterstva; opyt zvena kartofelevodov kolkhoza "Borodino." [Moskva] Moskovskii rabochii, 1956. 38 p. (DA)
Fattening bacon pigs on potatoes. K. K. Konsin. Zhivotnovodstvo 18 no. 11:59-62 N '56.
Improving plant nutrition with different forms of potassium fertilizers in irrigated fields. P. A. Vlasiuk, S. I. Derevianko, A. L. Pechura. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:109-129 '55.
Investigation of the efficiency of top dressing potatoes with superphosphates. A. P. Vahanov, O. I. Onyshchenko. Dop. AN URSR no. 2:152-156 '56.
[The potato and vegetables.] Kartofel' i ovoshchi no. 12 D '56.
[The potato and vegetables.] Kartofel' i ovoshchi no. 1 Ja '57.
Quantitative determination of glyco-alkaloids in potatoes and their separation. V. A. Paseshnichenko, A. R. Gusevn. Biokhimiia 21 no. 5:585-590 S-O '56.

POTATOES—DISEASES AND PESTS see subdivision under White Russia

POTATOES—PRESERVATION see subdivision under White Russia

POTENTIAL, THEORY OF
The infrared asymptotic of Green's electron function computed with an accuracy of up to $e^4$. L. D. Solov'ev. Dokl. AN SSSR 110 no. 2:203-206 S '56.

POTENTIOMETER
Small-size electronic potentiometers and secondary instruments. A. E. Ponsar. Priborostroenie no. 10: 27-28 O '56.

POTENTIOMETRIC ANALYSIS
Automatic regulation of neutralization by using an electron potentiometer. I. Z. Zak, I. R. Vol'pert. Med. prom. no. 3:13-15 Jl-S '56.
Determining free acidity of pyridine sulfate by the potentiometric method. N. Kh. Cherkasov, F. L. Krugiova, E. A. Detkova. Koks i khim. no. 7:43-44 '56.

POTTERY
The quality of chinaware and earthenware articles. N. Kuznetsov, L. Shcheglov. Sov. torg. no. 10:27-29 O '56.

POTTERY, CHINESE
Yihsing ceramics. Nar. Kit. no. 2:24 N '56.

POTYLITSYN, ALEKSEI LAVRENT'EVICH, 1845-1886
A. L. Potylitsyn's unpublished letters. IU. I. Solov'ev. Trudy Inst. ist. est. i tekh. 12:365-370 '56.

POULTRY
(see also subdivision under Gorkiy Province; Rostov Province; Turkmenistan)
Brief news. Ptitsevodstvo no. 11:48 N '56.
Determining sex in day-old chicks. B. S. Nikol'skii. Ptitsevodstvo 6 no. 11:44-47 N '56.
Develop the building of poultry sections on collective farms. Sel'. stroi. 11 no. 10:1 O '56.
Let's increase the productivity of chickens. O. V. Barebina. Ptitsevodstvo 6 no. 11:16 N '56.
More attention to poultry breeding. I. E. Mozgov. Veterinariia 33 no. 12:8-14 D '56.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Poultry breeding and pond fish culture" pavilion; a guidebook] Pavilion "Ptitsevodstvo i prudovoe khoziaistvo"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.
Poultry section raising Pervomaiskaia chickens. V. I. Batiushina. Ptitsevodstvo 6 no. 11:17-18 N '56.

POULTRY—DISEASES AND PESTS
Polkovnikova, R.S., and V.A.Pusyno. [Fowl pest] Chuma ptits. Frunze, Kirgizskoe gos. izd-vo, 1955. 18 p. (DA)
Role of game birds in spreading helminths among poultry. B. E. Kurashvili. Trudy Zool. inst. AN Gruz. SSR 14: 271-276 '56.
Sulfanithrol and norsulfazole for controlling gastrointestinal diseases in young fowl. A. A. Askerov. Ptitsevodstvo 6 no. 11:38-39 N '56.

POULTRY—FEEDING AND FEEDING STUFFS
Poultry feeding during the period preceding the production of hatching eggs. A. A. Krikun. Ptitsevodstvo 6 no. 11:23-27 N '56.
Silage for fowl. I. S. Skuratov. Sots. tvar. 26 no. 11:38 N '56.
Use of cobalt in raising chicks. K. S. Obenko, A. P. Antakov. Ptitsevodstvo 6 no. 11:41 N '56.

POULTRY BREEDING
(see also subdivision under Azerbaijan)
Biological characteristics of three-breed hybrid chickens obtained by heterospermous fertilization. E. K. Merkur'eva. Uch. zap. Mosk. un. no. 180:110-150 '56.
Experimental proof of the possibility of obtaining three-breed hybrid chickens in the first generation. E. K. Merkur'eva and others. Uch. zap. Mosk. un. no. 186: 103-117 '56.

POULTRY HATCHERIES
Business accounting is the road to further development of hatchery work. Ptitsevodstvo 6 no. 11:3-5 N '56.
Work of hatcheries with business accounting. K. A. Shkarenkov. Ptitsevodstvo 6 no. 11:11-16 N '56.

POULTRY HOUSES AND EQUIPMENT
(see also subdivision under Belgorod Province)
Device for determining the strength of egg shells. P. A. Ostrov. Ptitsevodstvo 6 no. 11:42-43 N '56.
Large poultry sections in Rostov Province. S. Blagodatov, L. Gubergrits. Sel'. stroi. 11 no. 10:2-3 O '56.
Plans for poultry farms. R. Smol'iakov. Sel'. stroi. 11 no. 10:28-30 O '56.
Poultry sections for caged layers. P. Dzaragazov, T. Titorenko. Sel'. stroi. 11 no. 10:5-6 O '56.
Russia (1923- U. S. S. R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Poultry house for 5,000 chicks; model no. 15-26] TSypliatnik na 5000 golov. Proekt No. 15-26. Moskva, 1956. 31 p., 13 fold. l. (Tipovye proekty sel'skokhoziaistvennykh postroek) (DA)
Russia (1923- U. S. S. R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Poultry house for 1,000 ducks (frame walls); brick columns with fillings of logs and adobe. Model no. 15-28] Utiatnik na 1000 golov (stony karkasnyo); kirpichnyo stolby s zapolneniem iz breven ili samana. Proekt No. 15-28. Moskva, 1956. 16 p., 7 fold. l. (Tipovye proekty sel'skokhoziaistvennykh postroek) (DA)
Using livestock buildings for raising chicks. V. Iliutskii. Sovkhoz. proizv. no. 10:66-68 O '56.

POUSSIN, NICOLAS, 1594-1665
Leonardo da Vinci's manuscript "Treatise on painting" and its illustrations in the Hermitage collection. T. D. Kamenskaia. Trudy Gos. erm. 1:49-50 '56.

POWDER METALLURGY
Problem of using porous bearing materials. A. D. Moshkov. Trudy TASHIIT no. 5:110-122 '56.
Some regular patterns in the mechanical properties of specimens produced by sintering metal powders. Part 2. Tests at elevated temperatures. B. IA. Pines, A. F. Sirenko. Zhur. tekh. fiz. 26 no. 10:2375-2386 O '56.

POWDERS, WASHING see Washing powders

POWER, JUDICIAL see Judicial power

POWER DISTRIBUTION, ELECTRIC see Electric power distribution

POWER ENGINEERING
(see also subdivision under Great Britian)
Power engineers will fulfill their obligations with honor. Energetik 4 no. 11:1-3 N '56.
Third Plenum of the Central Administration of the Scientific and Technical Council of the Electric Industry. G. L. Elek. sta. 27 no. 10:80-81 O '56.
Work of the Commission on Gas Power Installations in conjunction with the Krzhizhanovskii Power Engineering Institute of the Academy of Sciences of the U. S. S. R. B. V. Kantorovich. Biul. Kom. po gazoiil. ust. no. 2: 42-45 '47.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER ENGINEERING—CONGRESSES see subdivision under Vienna

POWER ENGINEERING—RESEARCH
Survey of work on power machinery carried out in the first half of 1956 by the Central Scientific Research Institute of Technology and Machinery Manufacturing. Energomashinostroenie no. 11:32 N '56.

POWER ENGINEERING—STUDY AND TEACHING
Course for chiefs of factory and plant inspection agencies of the power industry. Prom. energ. 11 no. 11:31 N '56.

POWER PLANTS
Increasing the quality of power construction work. Elek. sta. 27 no. 10:1-3 O '56.

WER PLANTS (Continued)
rallel operation of wind and thermal power plants of approximately equal capacity. V. N. Andrianov, D. N. Dyatritskii. Trudy VIM 22:146-167 '56.

WER PLANTS—EQUIPMENT AND SUPPLIES
w-capacity water purification and oxygen removal quipment manufactured by the Ministry of Heavy Machinery Manufacturing. Prom. energ. 11 no. 11:3 of cover N '56.

WER PLANTS, ELECTRIC see Electric power plants

WER PRESSES
ilomatizing eccentric presses. A. V. Derbishev. Stan. i instr. 27 no. 10:36-37 O '56.
ermining acting forces in friction and eccentric presses. N. E. Zhukovskov and others. Trudy Sib. tet. inst. no. 2:10-20 '56.

WER TRANSMISSION, ELECTRIC see Electric lines

NGUE—STUDENTS—CONGRESSES
ongress mirror. Vest. Stud. nov. 10 no. 9/10:14-23 5-40 '56.

NCRETE
[see also subdivision under Zhukovskii]
aking reinforced concrete products in tipping forms. . Galin. Stroitel' 2 no. 3:27 Mr '56.
precast reinforced concrete girders for use in roofs of industrial buildings. A. I. Kucherov. Bet. i zhel.-bet no. 11:389-390 N '56.
aining strength of concrete in precast steam-treated elements. M. M. Kapkin. Bet. i zhel.-bet no. 11:405-407 N '56.

NCRETE CONSTRUCTION
(see also subdivision under Rumania)
ffect of the parameters of small apartments on the size of precast elements for large-block buildings. S. V. Vasil'kovskii. Arkhit. i stroi. Len. no. 3:9-14 N '56.
xperience with building precast slab houses on shallow foundations. L. I. Dantlovskaia, V. D. Matveev, G. F. Shishkanov. Trudy Khab. IIT no. 9:87-93 '56.
aking precast concrete foundation blocks in construction yards. IA. B. Prasser, A. K. Gaiduk. Nov. tekh. i pered. op. v stroi. 16 no. 8:7-10 My '56.
Standard plan for a precast reinforced concrete silo. V. M. Razv. Nov. tekh. i pered. op. v stroi. 16 no. 8: 4-7 My '56.
ypes and parameters of cranes used in building of multistory apartment houses made of precast reinforced concrete elements. A. E. Lemberg. Mekh. stroi 13 no. 11:16-20 N '56.
ork results of planning organizations for introducing precast reinforced concrete construction. N. P. Bagusov. Stroi. prom. 34 no. 11:2-5 N '56.

NCRETE CONCRETE CONSTRUCTION—BIBLIOGRAPHY
see Bibliography—Precast concrete construction

NCIOUS METALS
Effectiveness of the action of liquid media in the cutting of noble metals. N. A. Pleteneva, O. I. Epifanov. Dokl. AN SSSR 110 no. 3:414-416 S '56.

NCIPITATION (METEOROLOGY) see Rain and rainfall

NCIS WRITING
Deborin, G. A. [Precis writing] Sostavlenie konspekta. Izd. 2-e, dop. [Moskva] Moskovskii rabochii, 1956. 77 p.

NCIONANCY, COMPLICATIONS OF
Management of pregnancy and labor in heart diseases. A. P. Kirtushchenkov. Fel'd. i akush. 21 no. 10:14-20 O '56.
Some causes, the course and outcome of premature labor; according to hospital data. N. V. Antipina. Zdrav. Kazakh. 16 no. 10:23-26 '56.
Toxemia of pregnancy. O. K. Nikonchik. Zdorov'e 2 no. 12:18-19 D '56.

NEGNANDIOL
Amount of 17-ketosteroids and pregnandiol in urine in normal women and in breast cancer and other mastopathies. I. A. Zakin, V. I. Kashkin, O. V. Svirskikhina. Probl. endok. i gorm. 2 no. 5:57-60 S-O '56.

NEHISTORIC ANTIQUITIES see Archaeology

NEHISTORIC MAN see Man, Prehistoric

NEMATURE INFANTS see Infants (Premature)

NESERVING see Canning and preserving

NESS see subdivision under Egypt; United States

NESSED WOOD see Wood, Compressed

NESSES, POWER see Power presses

PRESSURE (PHYSICS)
Changes in the electrical conductivity of selenium polycrystals subjected to pressures up to 30,000 atm. P. T. Kozyrev, D. N. Nasledov. Dokl. AN SSSR 110 no. 2:207-209 S '56.

PRESSURE, ATMOSPHERIC see Atmospheric pressure

PRESTRESSED CONCRETE
Cement mortar for filling reinforcement canals in prestressed reinforced concrete structures. I. S. Utsevskii. Bet. i zhel.-bet no. 11:409-411 N '56.
Effect of joint rigidity on stress in prestressed girders. M. P. Dantlovskii. Trudy Khab. IIT no. 9:41-60 '56.
On the use of prestressed reinforced concrete in bridge supports. I. IA. Medvik. Trudy Khab. IIT no. 9:61-76 '56.
Prestressed reinforcement for reinforced concrete tank bottoms. N. I. Idiatkin. Stroi. pred. neft. prom. 1 no. 8:28-29 O '56.
Sectional reinforced concrete girders. IA. A. Prashevskii. Bet. i zhel.-bet no. 11:393-394 N '56.
Using prestressed reinforced concrete girders. K. I. Zuzenkii. Bet. i zhel.-bet no. 11:401-403 N '56.

PRESTRESSED CONCRETE CONSTRUCTION
(see also subdivision under Yugoslavia)
Conference on the use of prestressed reinforced concrete construction elements. Stroi. prom. 34 no. 10:49-50 O '56.
Introduce more widely the prestressed reinforced concrete construction. Nov. tekh. i pered. op. v stroi. 16 no. 8:3-4 My '56.
Prestressed reinforced assembled monolithic structures. V. Mikhailov. Bet. i zhel.-bet no. 11:395-399 N '56.

PREVENTION OF SMOKE see Smoke prevention

PREVENTIVE INOCULATION see Serum therapy

PRIBREZHNYY RANGE—GEOLOGY, STRATIGRAPHIC
Devonian deposits of the Dzhugdzhur and Pribrezhnyy Ranges. L. I. Krasny, Iu. F. Chernekov, E. A. Modzalevskaia. Inform. sbor. VSEGEI no. 1:82-86 '56.

PRICE REGULATION see subdivision under Korea, North

PRIMERS
Dedniakov, A.S. [Primer; textbook of the Russian language for Korean schools] Bukvar'; uchebnik russkogo iazyka dlia korolskikh shkol. Izd. 3-e, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 155 p.

PRIMITIVE MAN see Man, Prehistoric

PRINTING—RESEARCH
Are we not on the eve of radical changes in photography and printing? I. Zhilevich. Tekh. mol. 24 no. 11:12-13 N '56.

PRINTING INDUSTRY
[The printing industry abroad.] Poligraficheskoe proizvodstvo za rubezhom no. 3 '56. 46 p.
[The printing industry abroad.] Poligraficheskoe proizvodstvo za rubezhom no. 6 '56. 50 p.

PRINTING MACHINERY AND SUPPLIES
Pictures drawn by means of magnetic powder. I. Zhilevich. Tekh. mol. 24 no. 11:13-15 N '56.

PRINTING PRESS
Pressure of printing contact of flat-bed cylinder, small-format printing presses and methods of measuring it. M. S. Timofeev. Nauch. trudy MPI no. 4:3-31 '56.
Slipping in the printing contact zone. A. A. Tiurin. Nauch. trudy MPI no. 4:94-103 '56.

PRINTING PRESS—ELECTRIC DRIVING
Features of multimotored electric drives of printing presses. K. V. Urnov. Nauch. trudy MPI no. 4:33-44 '56.

PRIOKSKIY DISTRICT—BUILDING
Where builders live. Stroitel' 2 no. 8:16-17 Ag '56.

PRIOROV, NIKOLAI NIKOLAEVICH, 1885-
Nikolai Nikolaevich Priorov; on his 70th birthday and 45th year of activity. Ortop., travm. i protez. no. 5: 57-59 S-O '56.

PRIPET VALLEY—GEOLOGY, STRATIGRAPHIC
Middle Carboniferous Bashkir-stage deposits discovered in the Pripet depression (southeastern White Russia). Dokl. AN SSSR 110 no. 2:257-259 S '56.

PRISONS see subdivision under Petrokrepost'

PRIVATE PROSECUTORS
Cases of private indictment. N. P. Grabovskaia, I. I. Kolodkin, P. S. El'kind. Ush. sud. i adv. no. 2:31-35 '57.

PROBABILITIES
Application of the Monte Carlo methods for obtaining the lower characteristics number and the corresponding eigenfunction for a linear integral equation [with summary in English]. V. S. Vladimirov. Teor. veroiat. i ee prim. no. 1:113-130 '56.

Calculating entropy for some special distributions of probabilities. M. M. Bakhmet'ev. Radiotekh. i elektron. 1 no. 5:613-623 My '56.
Conditional probability spaces generated by a dimensionally ordered set of measures [in English]. A. Rényi. Teor. veroiat. i ee prim. no. 1:61-71 '56.
Infinitesimal operators of Markov processes [with summary in English]. E. B. Dynkin. Teor. veroiat. i ee prim. no. 1:30-50 '56.
Markov processes and operator semi-groups [with summary in English]. E. M. Dynkin. Teor. veroiat. i ee prim. no. 1:25-27 '56.
Sarymsakov, T. A. [Matrix method denumerable of investigating Markov chains having a quantity of possible states] Matrichnyi metod issledovaniia tsepei Markova so schetnym mnozhestvom vozmozhnykh sostoianii. Tashkent, Izd-vo Srednеaziatskogo gos. univ. 1953. 48 p. (Tashkent, Universitet. Trudy Srednеaziatskogo gosudarstvennogo universiteta, no. 46. Fiziko-matematicheskie nauki, no. 9)
Sequence of events selected by a counter from a recurrent process of events [in English]. L. Takacs. Teor. veroiat. i ee prim. no. 1:90-102 '56.
Sequences of random events without aftereffect [with summary in German]. A. IA. Khinchin. Teor. veroiat. i ee prim. no. 1:3-10 '56.
Strong Markov processes [with summary in English]. E. B. Dynkin, A. A. Iushkevich. Teor. veroiat. i ee prim. no. 1:149-155 '56.
Weak convergence of random processes with trajectories which do not possess discontinuities of the second order and the so-called heuristic approach to the concurrence theorem of the Kolmogorov-Smirnov type [with summary in French]. N. N. Chentsov. Teor. veroiat. i ee prim. no. 1:155-161 '56.

PROCEDURE see Criminal procedure

PRODUCE TRADE—ACCOUNTING
Unification of report indexes of state procurement organizations. P. Bezrukikh. Bukhg. uchet. 15 no. 11:5-11 N '56.

PRODUCER GAS see Gas manufacture and works

PRODUCTION—LINE METHODS see Assembly-line methods

PRODUCTION CONTROL
Effect of the scale of production on the selection of production processes used in the machinery industry. I. E. Vardanian. Sbor. nauch. trud. ErPI no. 10:101-109 '56.

PRODUCTION STANDARDS
From the editor's mail. Sots. trud no. 9:110-114 S '56.
In ministries and departments. Sots. trud no. 9:93-96 S '56.
Karpenko, A.P. [Technologically sound norms and their role in increasing labor productivity] Tekhnicheski obosnovannye normy i ikh rol' v povyshenii proizvoditel'nosti truda. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 12)
New procedure for reviewing output norms. Sots. trud no. 9:52-56 S '56.
Practice of working out and using consolidated norms. I. Gandzhuntsev. Stroitel' 2 no. 2:14-15 F '56.
Working standards for machine operators. P. Blazhevich. Stroitel' 2 no. 3:30-31 Mr '56.

PRODUCTS, ANIMAL see Animal products

PRODUCTS, COAL-TAR see Coal-tar products

PRODUCTS, WASTE see Waste products

PROFIT AND LOSS STATEMENTS see Financial statements

PROGRAM MUSIC
[Composers of the "Mighty Five" group on program music; extracts from letters, memoirs, and critical articles] Kompozitory moguchei kuchki o programnoi muzyke; izbrannye otryvki iz pisem, vospominanii i kriticheskikh statei. Moskva, Gos. muzykal'noe izd-vo, 1956. 166 p. (Russkaia klassicheskaia muzykal'naia kritika)

PROJECTILES
Plotting the trajectories for the motion of bodies. B. I. Babalinev. Fiz. v shkole 16 no. 6:75-76 N-D '56.

PROJECTION, LANTERN see Lantern projection

PROJECTION, MOTION-PICTURE see Motion-picture projection

PROPENE
Condensation of phenol with allyl chloride. I. L. Kotliarevskii, T. G. Shishmakova. Trudy Vost.-Sib. fil. AN SSSR no. 4:33-36 '56.
Condensation of phenol with 1, 1, 1-trichloro propene-2 and 1, 1, 3-trichloropropene-1. I. L. Kotliarevskii, A. I. Kozbukh. Trudy Vost.-Sib. fil. AN SSSR no. 4:36-31 '56.
Using propylene in the industry of basic organic synthesis. N. I. Popova. Trudy Vost.-Sib. fil. AN SSSR no. 4:37-57 '56.

PROPIONIC ACID

Investigations of chemical processes in the synthesis of papaverine; synthesis and properties of certain acyl derivatives of α-amino-β-(3,4-dimethoxy)-cinnamic acid, Z. V. Pushkareva and others. Med. prom. no. 2: 25-29 Ap-Je '55.

PROPYNOL

Synthesis of sulfazine from propargyl alcohol. V. I. Khmelevskii. Med. prom. no. 2:21-25 Ap-Je '55.

PROSECUTORS, PRIVATE see Private prosecutors

PROSPECTING

Application of an industrial prognostic method to terrigenous components. A. P. Sigov. Razved. i okh. nedr 22 no. 10:14-22 O '56.

Control analyses of geological specimens. I. P. Sharapov. Razved. i okh. nedr 20 no. 1:16-27 Ja-F '54.

Cost of prospecting. A. V. Tyzhnov. Razved. i okh. nedr 21 no. 5:31-36 S-O '55.

Density logging of coal-prospecting test holes. G. M. Voskoboinikov, L. L. Deev. Razved. i okh. nedr 22 no. 10:38-46 O '56.

Determining the coordinates of measurements points for boreholes. O. N. Golubintsev. Nauch. trudy NPI 26: 226-233 '55.

For extensive introduction of progressive technology in geological prospecting. Razved. i okh. nedr 21 no. 2:1-5 Mr-Ap '55.

Machine for making steel shot in the field. V. T. Vorotyntsev. Razved. i okh. nedr. 21 no. 1:60 Ja-F '55.

Method for compiling a detailed geological prognostic map N. A. Nikiforov, V. A. Korolev. Zap. Uz. otd. Vses. min. ob-va no. 6:131-142 '54.

Method of establishing gas-liquid boundaries in pools having carbonate reservoirs. V. A. Lobov, N. A. Koprova. Razved. i okh. nedr 21 no. 6:20-26 N-D '55.

"Practical handbook on geological surveying and prospecting." Reviewed by A. A. Bogdanov. Razved. i okh. nedr 21 no. 2:59-62 Mr-Ap '55.

Quality of geological prospecting operations and laboratory processing of data. K. V. Mironov, V. E. Nekipelov, V. S. Fedorov. Razved. i okh. nedr 22 no. 10:23-30 O '56.

Socialist competition between geological prospectors of the Ukrainian and Ural geological administrations. F. I. Karen'gin. Razved. i okh. nedr 21 no. 3:54-56 My-Je '55.

Standardizing and planning geological prospecting operations. A. V. Syngaevskii. Razved. i okh. nedr 21 no. 2:57-58 Mr-Ap '55.

Using X-ray analysis in geological investigations. B. G. Erenburg. Razved. i okh. nedr. 21 no. 1:19-20 Ja-F '55.

V. I. Smirnov's book "Geological principles of exploring and prospecting for ore deposits." Reviewed by A. D. Kalenov. Razved. i okh. nedr 21 no. 6:60-61 N-D '55.

Visit in the Soviet Union of the delegation of geologists and mining engineers from countries of Asia and the Far East. Razved. i okh. nedr 21 no. 6:62-63 N-D '55.

Work more economically and effectively. Razved. i okh. nedr. 21 no. 1:1-4 Ja-F '55.

PROSPECTING—BIBLIOGRAPHY see Bibliography—Prospecting

PROSPECTING—GEOPHYSICAL METHODS
(see also subdivision under Altai Mountains; Tien Shan; Turkmenistan)

Bridge circuit of a magnetic logging device. A. V. Veshev. Razved. i okh. nedr 21 no. 2:32-37 Mr-Ap '55.

Computing the horizontal component of a magnetic anomaly on the basis of fixed distribution of the vertical com- [illegible] ov. Razved. i okh. nedr. 21 no. 1:

Vol. 8. [Equipment, metals, and protection from corrosion] Oborudovanie, metally i zashchita ot korrozii. 1956. 227 p.

Present conditions and impending tasks facing the geophysical program. Razved. i okh. nedr 21 no. 5: 1-10 S-O '55.

Principal requirements for geophysical work in hydrogeological and engineering geological investigations. L. N. Smirnov, N. A. Tilov. Razved. i okh. nedr. 21 no. 1:45-48 Ja-F '55.

Selecting electrode arrangement for electric logging in determining the depth of occurrence of fissured rock formations. A. A. Ogil'vi. Razved. i okh. nedr 21 no. 2:38-41 Mr-Ap '55.

Some recommendations for conducting seismic observations in borehole testing. V. B. Sollogub, L. D. Raikher. Razved. i okh. nedr 21 no. 6:43-46 N-D '55.

PROSTATE GLAND

Structural characteristics of the prostate in newborn infants. L. A. Cherkasskii. Urologiia 21 no. 1:45-50 Ja-Mr '56.

PROSTATE GLAND—CANCER

Diagnosis of prostatic cancer. K. A. Velikanov. Urologiia 21 no. 2:25-28 Ap-Je '56.

Session of the Polish Urological Society in Gdansk, Stefan Vesolovskii. Urologiia no. 4:83-85 O-D '55.

PROSTATE GLAND—DISEASES

Calculi of the prostate. A. S. Kalugin. Urologiia 21 no. 1:66-66 Ja-Mr '56.

Hormone therapy in hypertrophy of the prostate. A. B. Topchan. Urologiia 21 no. 3:13-18 Jl-S '56.

Pathological changes in a hypertrophic prostate caused by synestrol. N. V. Roshchekiaev. Urologiia 21 no. 3:7-12 Jl-S '56.

PROSTATE GLAND—SURGERY

Indications for prostatectomy. I. I. Sabel'nikov. Urologiia 21 no. 2:15-18 Ap-Je '56.

Modern views on prostatic surgery; review of foreign literature. M. N. Zhukova. Urologiia 21 no. 2:73-76 Ap-Je '56.

One-stage prostatectomy in adenoma of the prostate. E. A. Filippova. Urologiia 21 no. 1:67 Ja-Mr '56.

Results of the treatment of prostatic adenoma at the Volhynia regional hospital. R. G. Vygovskii. Urologiia 21 no. 2:66 Ap-Je '56.

Retropubic extravesical adenomectomy of the prostate. Č. A. Sinkovičius. Urologiia 21 no. 2:6-14 Ap-Je '56.

Some remarks on V. V. Gol'dberg's article on the "Technic and results of suprapubic transvesical adenectomy with an initial bland suture of the bladder." N. S. Puterman. Urologiia 21 no. 3:21-22 Jl-S '56.

Two-stage transvesical adenomectomy in adenomatous hypertrophy of the prostate. V. M. Blizniuk. Urologiia 21 no. 3:18-21 Jl-S '56.

PROSTATE GLAND—TUMORS

Analysis of surgical therapy of prostatic adenoma. I. I. Efimov. Urologiia no. 4:8-10 O-D '55.

Indications for prostatectomy in prostatic adenoma. L. I. Dunaevskii. Urologiia no. 4:3-7 O-D '55.

Morphology of prostatic adenoma and its relation to sinestrol therapy. A. A. Lapin. Urologiia 21 no. 2: 19-25 Ap-Je '56.

Prostatic adenoma in adolescence. V. I. Bondarenko. Urologiia 21 no. 3:57-58 Jl-S '56.

Results of a discussion on adenoma of the prostate. Urologiia 21 no. 3:23-24 Jl-S '56.

Retropubic extravesical prostatectomy. E. Sh. Savich. Urologiia no. 4:15-20 O-D '55.

Single-stage transvesical prostatectomy in prostatic hypertrophy. A. M. Gasparian, A. S. Portnoi. Urologiia no. 4:10-15 O-D '55.

PROSTHESIS

Fifth session of the Central Research Institute of Prosthetics, Ortop., travm. i protez. 17 no. 1:78-81 Ja-F '56.

Paresthetic meralgia caused by poorly fitting prosthesis. E. K. Molodaia, M. B. Eidinova. Ortop., travm. i protez. no. 6:89 N-D '55.

Reducing the weight of wooden prosthesis. A. A. Voirov. Ortop., travm. i protez. 17 no. 1:65 Ja-F '56.

Regulation on orthopedic and prosthetic help for artel members. Prom. koop. no. 11:36 N '56.

PROTEASES

Effect of nucleic compounds on the activity of proteolytic enzymes of C. diphtheriae. M. V. Smirnova. Biokhimiia 21 no. 5:581-586 S-O '56.

Role of the kidneys in compensatory reactions of the organism following blood loss. D. A. Brusilovskaia. Arkh. pat. 18 no. 6:76-81 '56.

PROTECTION OF GAME see Game protection

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Corrosion of petroleum industry's offshore metal structures and principal measures to prevent it. K. S. Allverdizade, I. P. Kuliev. Trudy Gipromornefti no. 1: 7-12 '54.

Determining the stability of coatings and necessity of preparing steel surfaces being protected. R. G. Gadzhieva, M. S. Trifel'. Trudy Gipromorneftl no. 1: 178-205 '54.

Interaction of cathodic protection and cement coatings. M. S. Trifel', G. G. Shakhtakhtinskaia, A. A. Farkhadov. Trudy Gipromorneftl no. 1:250-259 '54.

Investigation of bituminous coatings applied by the cold method. A. G. Khanlarova, Kh. G. Mirbagirova. Trudy Gipromorneftl no. 1:103-128 '54.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po stroitel'stvu. [The effect of superimposed direct current on bituminous covering of steel pipes] Vliianie nalozhennogo postoiannogo toka na bitumnye pokrytiia stal'nykh truboprovodov; nauchnoe soobshchenie. Moskva, Otdel nauchno-tekhn. informatsii, 1955. 10 p.

Oil protection against marine atmospheric corrosion. A. G. Khanlarova and others. Trudy Gipromorneftl no. 1:129-143 '54.

Protecting the supports of offshore structures from corrosion in the petroleum industry. V. F. Negreev and others. Trudy Gipromorneftl no. 1:144-171 '54.

Study of protective coatings with a bituminous base. V. F. Negreev and others. Trudy Gipromorneftl no. 1:82-102 '54.

PROTEIN METABOLISM

Exchangeability of proteins in animal tissues. O. V. Kirsenko. Stud. nauk. pratsi no. 20:3-12 '56.

Protein metabolism in the skin and in the subcutaneous tissue in elephantiasis. A. A. Leont'eva, E. I. Shamilkina. Arkh. pat. 18 no. 5:62-64 '56.

PROTEINS

Biological synthesis of protein matter with the passage of phosphorus and sulfur from superphosphate into different organs of the clover plant. P. A. Vlasiuk, E. S. Kosmatyi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:16-24 '55.

Changes in the muscle proteins of fish during heat treatment. G. K. Koval'chuk. Trudy Mosk. tekh. inst. rybn. prom. i khoz. no. 6:139-151 '54.

Comparative studies on methods of determining proteins in food products. G. A. Manuilova. Vop. pit. 15 no. 6: 36-39 N-D '56.

Concentrated feed rich in vitamins and proteins. P. T. Lebedev. Nauka i pered. op. v sel'khoz. no. 10:10 O '56.

Degree of deformability of protein molecules in solutions. A. G. Pasynskii. Biofizika 1 no. 1:10-15 '56.

Electrophoretic investigation of the fractional composition of proteins of skeletal muscles in invertebrates during ontogenesis. I. I. Ivanov and others. Biokhimiia 21 no. 5:581-595 S-O '56.

Mechanism of the denaturation of proteins; properties of globular protein stabilized by the action of denaturating factor. A. S. TSyperovich, A. L. Loseva. Biokhimiia 21 no. 5:546-556 S-O '56.

Mechanism of the disruption of tyrosine oxidation in the liver in protein deficiency. V. S. Kazantseva, S. IA. Kaplanskii. Biokhimiia 21 no. 5:528-533 S-O '56.

Microelectrophoretic investigation of the protein composition of muscle tissue in ontogenesis. B. S. Kasavina, IU. M. Torchinskii. Biokhimiia 21 no. 5:510-513 S-O '56.

Protein decomposition products in the gastric juice in some urological diseases. M. G. Solovoi. Urologiia 21 no. 1:29-35 Ja-Mr '56.

Two forms of autoregeneration of protein. Zh. A. Medvedev. Biokhimiia 21 no. 5:627-632 S-O '56.

PROTEINS—PHYSIOLOGICAL EFFECT

Dry tuberculoproteins in the diagnosis of tuberculosis in poultry. V. I. Rotov. Sots. tvar. 28 no. 11:54-58 N '56.

PROTHROMBIN

Determination of prothrombin in blood collected from a finger. R. M. Glants, S. A. Vainshtein, S. A. Lokarev. Vop. perel. krovi. 4:270-273 '55.

Dynamics of prothrombinemia in diphtheria. P. P. Mel'nikov. Pediatriia 30 no. 4:32-36 Jl-Ag '56.

PROTONS

Basic characteristics of the projected 50-60 Bev proton accelerator with alternating-gradient focusing. V. V. Vladimirskii and others. Atom. energ. no. 4:31-33 '56.

Estimate of the $\pi^{-}$–p scattering cross section from the $\pi^{-}$–p scattering cross section near resonance. IU. A. Gol'fand. Zhur. eksp. i teor. fiz. 30 no. 2:413-414 F '56.

Formation of positive $\pi^{+}$-mesons by 660 Mev protons in hydrogen. A. G. Meshkovskii and others. Zhur. eksp. i teor. fiz. 31 no. 4:560-564 O '56.

PROTOPLASM

Mutual relationship of certain physicochemical and functional properties of the protoplasm of amoeba. M. F. Popova. Biofizika 1 no. 1:23-29 '56.

Role of protoplasm viscosity in the resistance of plants to high and low temperatures [with English summary in insert]. P. A. Genkel', K. A. Badanova. Fiziol. rast. 3 no. 5:455-462 S-O '56.

PROVERBS, UKRAINIAN
Plaviuk, V.S. [Proverbs or Ukrainian folk philosophy] Prypovidky albo Ukrains'ko-narodnia filosofiia. Edmonton, Alberta, 1946. 352 p.

PRUSSIA—REVOLUTION, 1848-1849
Olzerman, T.I. [Development of Marxist theory from knowledge gained in the revolution of 1848] Razvitie marksistskoi teorii na opyte revoliutsii 1848 g. Moskva, Gos. izd-vo polit. lit-ry, 1955, 286 p.

PRZHEVAL'SKII, NIKOLAI MIKHAILOVICH, 1839-1888
New archival documents on N. M. Przheval'skii. G. Semeniuk. Sov. Kazakh. 22 no. 10:122-126 O '56.

PSEUDORABIES
Duration of viability of the virus of Aujesky's disease in the environment. V. S. Nikitina. Sbor. trud. Khar'. vet. inst. 21:251-254 '56.
Materials for a study on how long the virus of Aujesky's disease will stay active in external surroundings (on grass and in the soil). V. S. Nikitina. Sbor. trud. Khar'. vet. inst. 22:277-280 '54.
On the problem of the presence of the Aujesky's disease virus in lice infesting swine. V. S. Nikitina. Sbor. trud. Khar'. vet. inst. 21:249-250 '56.
Resistance of the Aujesky's disease virus in manure. V. S. Nikitina. Sbor. trud. Khar'. vet. inst. 21:245-248 '56.
Some peculiarities of the clinical aspects and epizootology of Aujesky's diseases in swine. M. G. Nikitin. Sbor. trud. Khar'. vet. inst. 22:268-276 '54.
Vaccination against Aujesky's disease. I. I. Lukashov, M. G. Nikitin. Sbor. trud. Khar'. vet. inst. 21:242-244 '56.

PSKOV—HISTORY
Dmitriev, IU. A. [The land of Pskov] Pskovskaia zemlia. Leningrad, Gospolitizdat, 1945. 74 p. (MiU)

PSKOV—NEWSPAPER AND PERIODICAL CIRCULATION
Stamps and envelopes are always available. A. Murashkin. Raspr. pech. no. 10:12 O '56.

PSORALEN
A new method of treating vitiligo; review of foreign literature. A. S. Rabon. Vest. ven. i derm. 30 no. 5: 26-28 S-O '56.

PSORIASIS
Results of using a preparation "antipsoriaticum" for the treatment of psoriasis. A. A. Studnitsin and others. Vest. ven. i derm. 30 no. 5:53 S-O '56.

PSYCHOLOGY, EDUCATIONAL see Educational psychology

PSYCHOLOGY, PHYSIOLOGICAL
An answer to E. A. Asratian. N. V. Medvedev. Vop. filos. no. 5:217-219 '56.
Ways and prospects of the development of the physiology and pathophysiology of higher nervous activity in children. A. G. Ivanov-Smolenskii. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:335-346 '56.

PSYCHONEUROSES see Neuroses

PUBIC BONE—SURGERY
Case of surgical treatment of tuberculosis of the pubic bone. M. I. Sinilo. Ortop., travm. i protez. 17 no. 4: 61-62 Jl-Ag '56.

PUBLIC DEBTS see Debts, Public

PUBLIC HEALTH—HISTORY see subdivision under Kazakhstan; Russia, Northern

PUBLIC HEALTH, RURAL
How rural communities help feldsher-midwife stations in their work. N. A. Shibaev. Fel'd. i akush. 21 no. 10:38-39 O '56.
How to conduct my home calls. I. S. Furzikov. Fel'd. i akush. 21 no. 10:34-36 O '56.
How we conduct home visit to pregnant women and newborn infants in villages. V. D. Petrunin. Fel'd. i akush. 21 no. 11:34-37 N '56.
Popularize medical knowledge in villages. I. Kungurov. Fel'd. i akush. 21 no. 10:33-34 O '56.
Province conference of feldshers and midwifes. Fel'd. i akush. 21 no. 11:63 N '56.

PUBLIC OFFICERS see Local government

PUBLIC OWNERSHIP see Municipal ownership

PUBLIC SCHOOLS—FINANCE see Education—Finance

PUBLIC SCHOOLS—SANITARY AFFAIRS see School hygiene

PULKOVO—ASTRONOMY—CONGRESSES
Observation of bright stars; the astronomical conference in Pulkovo. A. A. Nemiro. Vest. AN SSSR 26 no. 11: 106-110 N '56.

PULMONARY EDEMA
Acute emphysema. M. I. Levin. Fel'd. i akush. 21 no. 11:6-12 N '56.
Role of the pituitary and the adrenals in the pathogenesis of experimental toxic pulmonary edema. S. M. Leites, N. P. Smirnov. Probl. endok. i gorm. 2 no. 5:54-56 S-O '56.

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULSE TECHNIQUES (ELECTRONICS)
On the theory of linear pulse systems with variable parameters. G. P. Tartakovskii. Elektrosviaz' 10 no. 11: 3-14 N '56.

PULVERIZED COAL see Coal, Pulverized

PULVERIZERS
Standards for calculating and designing pulverized coal systems. S. M. Shukher. Teploenergetika 3 no. 11:60-61 N '56.

PUMPING MACHINERY
Laboratory piston circulating pump. B. G. Zaicev. Zav. lab. 22 no. 7:875 '56.
Manually operated diaphragm pump for pumping gasoline. A. B. Gofman, V. A. Rubtsov. Stroi. pred. neft. prom. 1 no. 8:14-15 O '56.
Motel'skii, Z. I. [Portable pumping stations and quickly assembled water pipes for irrigation] Peredvizhnye nasosnye stantsii i bystrosbornye truboprovody dlia orosheniia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 61 p.
Modernized mortar pump. G. Abramov. Stroitel' 2 no. 2:22 F '56.
Two conditions for seating the valve of a drilling piston pump. V. I. Zaitsev. Azerb. neft. khoz. 35 no. 9: 34-36 S '56.

PUMPING STATIONS
The BE-2,5 automatic towerless pumping station. V. Rabinkov. Zhil.-kom. khoz. 6 no. 6:28-29 '56.

PUMPS, CENTRIFUGAL see Centrifugal pumps

PUNCH PRESS PRACTICE see Sheet-metal work

PUPPETS AND PUPPET PLAYS
Foreign mail received by the Central Puppet Theater. Teatr. 17 no. 10:188 O '56.

PURIFICATION OF WATER see Water—Purification

PURITANS see subdivision under England

PUS see Suppuration

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837
Akademiia nauk SSSR, Institut russkoi literatury. [Pushkin; studies and papers] Pushkin; issledovaniia i materialy. Moskva,
Vol. 1. 1956. 502 p.
Study of A. S. Pushkin's novel "Eugene Onegin" in class 8. E. N. Dombrovskaia, A. D. Nekrasova. Lit. v shkole 17 no. 6:17-33 N-D '56.

PUSHKIN—WATER SUPPLY
Restoration and use of Russian canalization of the 18th century. A. G. Malienko-Podvysotskii. Nauch. zap. Len. fin.-ekon. inst. no. 8:198-206 '55.

PUTTY
Waterproof putty. Stroitel' 2 no. 3:13 Mr '56.

PUZZLES
On New Year's eve. Rabotnitsa 34 no. 12:32 D '56.

PYONGYANG, KOREA—AGRICULTURAL EXHIBITIONS
Impressions from the exhibition. Viktor Klimashin. Nov. Kor. no. 9:10-21 S '56.

PYONGYANG, KOREA—AMATEUR ART ACTIVITIES
All-Korean festival of youth and student amateur art activities. Nov. Kor. no. 9:42-43 S '56.

PYONGYANG, KOREA—SPORTS
Sports. Nov. Kor. no. 9:46 S '56.

PYRAMIDONE
Studying progressive practice in the production of pyramidone. V. S. Fedorov. Med. prom. no. 3:45-46 Jl-S '56.

PYRAZOLIDINEDIONE
Butadione. I. M. Sharapov. Med. prom. no. 2:46 Ap-Je '56.

PYRIDINE
Determining free acidity of pyridine sulfate by the potentiometric method. N. Kh. Cherkasov, F. L. Kruglova, E. A. Dotkova. Koks i khim. no. 7:43-44 '56.

PYRIMIDINES
Results of clinical testing of hexamidine, a new antispasmodic. V. P. Belov. Zhur. nevr. i psikh. 56 no. 10:828-832 O '56.

PYRITES see subdivision under Ural Mountains

PYROMETRY
Conference on experimental techniques and methods used in high temperature research. A. F. Gusakov. Priborostroenie no. 10:26-27 O '56.

QUAILS—PARASITES see Parasites—Quails

QUALITATIVE ANALYSIS see Chemistry, Analytical—Qualitative

QUANTITATIVE ANALYSIS see Chemistry, Analytical—Quantitative

QUANTUM STATISTICS
Application of function space integrals to the evaluation of the statistical sum of quantum statistics [with summary in English]. A. M. IAglom. Teor. veroiat. i ee prim. no. 1:161-167 '56.
Matrix aspects of boson theory. A. A. Borgardt. Zhur. eksp. i teor. fiz. 30 no. 2:334-341 F '56.

QUANTUM THEORY
Albert Einstein and light quanta. Max Born. Usp. fiz. nauk 59 no. 1:119-134 My '56.
Consequences of renormalization in quantum electrodynamics and meson theory. V. V. Sudakov. Zhur. eksp. i teor. fiz. 31 no. 4:729-731 O '56.
On quasi-classical quantization. V. S. Kudriavtsev. Zhur. eksp. i teor. fiz. 31 no. 4:688-692 O '56.
Quasi-classic quantization in the magnetic field. A. M. Kosevych. Ukr. fiz. zhur. 1 no. 3:261-264 Jl-S '56.
Relativistic repulsion effects in a scalar field and attraction in a vector field. IA. P. Terletskii. Zhur. eksp. i teor. fiz. 30 no. 2:419-420 F '56.
Schroedinger's two-dimensional equation and the representations of groups of motion planes. E. L. Konstantinova, G. A. Sokolik. Zhur. eksp. i teor. fiz. 30 no. 2: 430-431 F '56.

QUARTZ
(see also subdivision under Balkhan Mountains; Transcarpathia)
Comparative characteristics of crystal quartz veins and Alpine type veins. E. M. Laz'ko. Min. sbor. no. 10:94-104 '56.
Crystallization of hydrothermal quartz from colloid solutions. G. G. Grushkin, I. G. Khel'vas. Min. sbor. no. 5: 113-126 '51.
Standard chemicomineralogical types of mica-quartz and topaz-quartz in greisens. V. S. Dmitrievskii. Min. sbor. no. 10:88-93 '56.

QUARTZITE see subdivision under Kirovograd Province; Kursk Province

QUICKSILVER see Mercury

QUINACRINE
Research on effective methods for treating children with a chronic form of dysentery and unstable stools. M. Z. Leitman, L. I. Rogova. Vop. kraev. pat. no. 4:7-12 '54.

QUINCE see subdivision under Dniester Valley; Kalenin Province

RH FACTOR
Timoshenko, L. V. [Hemolytic diseases of newborn infants; the Rh factor as a cause of hemolysis and its complications] Gemoliticheskie zabolevaniia novorozhdennykh; rezus-faktor kak prichina gemoliza i ego osloznenii. Kiev, Gos. med. izd-vo USSR, 1956. 155 p. (Biblioteka prakticheskogo vracha) (DNLM)

RABBITS
Preserving sperm under refrigeration and its effect on the sex ratio in the offspring of rabbits. S. S. Cherniak. Dop. AN URSR no. 4:408-413 '56.

RABBITS—DISEASES
Myxomatosis. S. A. IAkovlev. Veterinariia 33 no. 12: 36-38 D '56.
Treating female rabbits for acute infectious mastitis. V. IA. Nikitin. Veterinariia 33 no. 12:35-36 D '56.

RABIES
Useful booklet ("Rabies in farm animals," M. H. Nikitin. Reviewed by V. IE. Havryliuk. Sots. tvar. 26 no. 11: 61-62 N '56.

RABIES—PREVENTIVE INOCULATION
Methods for titering rabies vaccines. V. P. Nazarov. Veterinariia 33 no. 12:75-76 D '56.

RADAR
[Problems of radar engineering; translations and surveys of foreign periodical literature]. Voprosy radiolokatsionnoi tekhniki 6 no. 6 '56. 191 p.
Radar operation. N. Murashev, V. Solov'ev. Radio no. 11:44-47 N '56.

RADIATION
Calculating and measuring of dosage in total body irradiation with $\beta$-rays. V. A. Petrov. Med. rad. 1 no. 4:81-88 Jl-Ag '56.
High frequency radiation unit for plants; exhibit at the 13th All-Union radio exhibition. Radio no. 11:47 N '56.
Scientific and practical problems in radiant sterilization and pasteurization. M. N. Meisel', N. D. Cherniaev. Vest. AN SSSR 26 no. 11:38-45 N '56.

RADIATION—MEASUREMENT

Measuring doses in roentgens from highly intensive radiation and at short distances from the source. M. L. Shekhtman, G. B. Radzievskii. Biofizika 1 no. 1:60-67 '56.

RADIATION—PHYSIOLOGICAL EFFECT

Blastomogenic effect of ionizing radiation. M. N. Pobedinskii. Med. rad. 1 no. 5:30-40 S-O '56.

Change in the supersiow rhythmical oscillations of brain potentials under the effect of ionizing radiation. N. A. Aladzhalova. Biofizika 1 no. 7:642-652 '56.

Effect of fractionizing and size of the dose on the cytological effect of radiation. N. V. Luchnik. Biofizika 1 no. 7:633-636 '56.

Raditation energy and some laws of its effect on biological organisms. E. S. Shchepot'eva. Atom. energ. no. 4: 139-148 '56.

Specificity of biological activity of ionizing radiations. I. F. Kovalev. Med. rad. 1 no. 4:7-14 Jl-Ag '56.

Use of irradiated animals in laboratory practice. Lab. delo 2 no. 6:14-17 N-D '56.

RADIATION, SOLAR see Solar radiation

RADIATION SICKNESS

Changes in the secretory function of the kidneys in acute radiation sickness; experimental research (a preliminary report). IU. M. Lubenskii. Urologiia 21 no. 3:33-38 Jl-S '56.

Effect of acute radiation sickness on the change in methionine absorption by the gastrointestinal tract. N. M. Okulov. Med. rad. 1 no. 5:41-45 S-O '56.

Effect of pentoxyl on the course of radiation sickness in white mice. I. F. Grekh. Med. rad. 1 no. 5:51-55 S-O '56.

Formation of callus in radiation sickness; experimental research. A. G. Zemlienol. Med. rad. 1 no. 5:72-74 S-O '56.

Healing of experimental fractures in cases of radiation sickness after osteosynthesis with metal pins. S. E. Kashkarov, P. V. Sipovskii. Med. rad. 1 no. 5:65-72 S-O '56.

Hemotherapy in radiation sickness. A. A. Bagdasarov, B. F. Beliaeva, L. S. Rogacheva. Med. rad. 1 no. 5: 45-50 S-O '56.

Infection and immunity in radiation sickness. N. N. Klemparskaia. Med. rad. 1 no. 5:3-10 S-O '56.

Intestinal anastomosis in radiation sickness; experimental morphological study. A. V. TSagareishvili, I. I. Dorokhov. Vest. khir. 77 no. 10:88-92 O '56.

Morphological characteristics of radiation sickness induced by a single irradiation with a 10 MeV betatron. I. V. Toroptsev, N. V. Sokolova. Med. rad. 1 no. 4:41-47 Jl-Ag '56.

Peculiarities of specific prevention of bacterial toxicoses in acute radiation sickness. P. N. Kiselev, E. V. Karpova. Med. rad. 1 no. 4:31-35 Jl-Ag '56.

Use of compounds containing sulfur in the prevention of radiation sickness. L. F. Semenov, E. A. Prokudina. Med. rad. 1 no. 4:70-75 Jl-Ag '56.

RADIATORS

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii tiazhelol industrii. Tekhnicheskoe upravlenie. [Norms for GSTM steel luminated radiators (steem and air). NR-144-50] Normal' kalorifery stal'nye plastinchatye GST, (parovozdushnye). NR-144-50. [Vladimir] Stroiizdat, 1950. 7 p.

[MICROFILM]

RADIMOV, PAVEL ALEKSANDROVICH

The exhibition on a collective farm. K. Sokolova. Krest'ianka 35 no. 12:25 D '56.

RADIO—APPARATUS AND SUPPLIES
(see also subdivision under Nikology)

Artificial reverberation (from "Radio Electronics," Feb., 1956). Radio no. 11:52 N '56.

Device for distributing and combining potentials of high and low frequency electric oscillations. A. A. L'vovich. Elektrosviaz' 10 no. 12:3-14 D '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Radio equipment industry.] Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' nos. 35-38 S '56.

[Express information of the All-Union Institute of Scientific and Technical Information. Series: Radio equipment industry.] Ekspress-informatsiia. Seriia: Radiotekhnicheskaia promyshlennost' nos. 1, 3 Ja '57.

Handmade detector. Biarozka 33 no. 11:29 N '56.

Knife for cutting sheets of insulating material. N. Sevost'ianov. Radio no. 11:40 N '56.

Rabchinskaia, G.I. [Radio ingeneering materials] Radiotekhnicheskie materialy. Izd. 2-oe, porer. Moskva, Gos. energ. izd-vo, 1956. 328 p.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—COMPETITIONS
(see also subdivision under Tallinn)

For the prize offered by "Radio" magazine. M. Bassina and others. Radio no. 11:15-16 N '56.

RADIO—EXHIBITIONS see subdivision under Paris

RADIO—HISTORY

Goloushkin, V.N. [Radio is a Russian invention] Izobretenie radio prinadlezhit Rossii. Leningrad] Lenizdat, 1956. 62 p.

RADIO—INTERFERENCE

Standards for maximum allowable industrial interference. A. V. Donskoi, A. A. Frumkin. Vest. elektroprom. 27 no. 11:54-56 N '56.

RADIO—NOISE

"On calculating the noise resistance of radio receivers subject to large amounts of fluctuation noise." A. G. Ziuko. Radiotekhnika 11 no. 10:77-78 O '56.

Power relationships during detection of noise and signal in the same place. A. S. Protopopov. Trudy MAI no. 65: 39-71 '56.

Receiver attachment for combating pulse noise. A. Gorbachev. Radio no. 11:42-43 N '56.

RADIO—RECEIVERS AND RECEPTION
(see also subdivision under Germany)

Barkan, V. F. [Radio receiver apparatus] Radiopriemnye ustroistva. Moskva, Gos. izd-vo obor. promyshl., 1956. 495 p.

One input circuit scheme for receivers. V. G. Vol'pian. Trudy MAI no. 65: 87-113 '56.

Selecting intermediate frequencies for panoramic receivers. N. I. Svetlov. Radiotekhnika 11 no. 10:47-65 O '56.

Separating a high-frequency signal and noise during detection. A. P. Belousov. Trudy MAI no. 65:5-38 '56.

Ultrashort wave battery receiver. A. Babaev. Radio no. 11:28-29 N '56.

RADIO—TRANSMITTERS AND TRANSMISSION

Envelope negative feedback in radio transmitting apparatus. V. A. Khatskelevich, L. M. Shur. Elektrosviaz' 10 no. 11:15-24 N '56.

On the theory of linear pulse systems with variable parameters. G. P. Tartakovskii. Elektrosviaz' 10 no. 11: 3-14 N '56.

Radio communication beyond the horizon by means of reflection from the trails of tiny meteors (from "Electr. J.," 157 no. 8 1956). Elektrosviaz' 10 no. 11:80 N '56.

RADIO BROADCASTING

Gertsenshtein, B.IA., and N.A.Savina. [Principles of theory and the design of wire broadcasting systems] Osnovy teorii i raschet linii provodnogo veshchaniia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 371 p.

RADIO CIRCUITS

Calculation of a full autotransformer input circuit based on ultrahigh frequencies. A. P. Belousov. Trudy MAI no. 65:72-86 '56.

One input circuit scheme for receivers. V. G. Vol'pian. Trudy MAI no. 65:87-113 '56.

RADIO CLUBS see subdivision under Nizhniy Tagil

RADIO DETECTORS

Mean value calculation and its application to some nonlinear problems in radio engineering. IU. N. Bakaev, P. I. Kuznetsov. Radiotekhnika 11 no. 10:3-12 O '56.

Pulse detector with an inductance-capacitance filter. E. L. Gerenrot. Radiotekhnika 11 no. 10:30-37 O '56.

RADIO IN AGRICULTURE

Role of radio dispatcher system in organizing accounting and control. A. Vereskov. MTS 16 no. 10:15-16 O '56.

RADIO INDUSTRY

Bobrov, N. N., and V. N. Vinogradov. [Radio trade] Torgovlia radiotovarami. Moskva, Gostorgizdat, 1952. 98 p., illus.
(NNC)

RADIO JOURNALISM

With microphone in hand. Lev Kassil'. Sov. pech. no. 11:33-35 N '56.

RADIO MEASUREMENTS

Detection of defective insulators by means of radiation. V. I. Vinokurov, P. M. Svi. Elektrichestvo. no. 11:80 N '56.

RADIO OPERATORS

How I take radiograms by hand. Veselin Borisov. Radio no. 11:19-20 N '56.

The senior comrade. V. Uspenskii. Radio no. 11:12-13 N '56.

RADIO RELAY SYSTEMS
(see also subdivision under France)

Accumulation of noise in FM radio relay lines causing fading of the signal. IU. B. Sindler. Radiotekh. i elektron. 1 no. 5:627-637 My '56.

Apparatus for measuring group delay time in radio relay networks. I. S. Pecherskii. Elektrosviaz' 10 no. 12: 15-21 D '56.

Basis for the selection of a system of automatic channel switching of radio links. V. V. Petrov, M. V. Brodskii, V. D. Shoshenkov. Elektrosviaz' 10 no. 11:25-33 N '56.

RADIO STATIONS, AMATEUR see Amateur radio stations

RADIO WAVES

Theory of inhomogeneous transmission lines. S. I. Orlov. Zhur. tekh. fiz. 26 no. 10:2361-2372 O '56.

RADIOACTIVE SUBSTANCES

A mobile unit for the removal of radioactive contamination from water. (from "Chem. Engineering," v. 63, no. 4, 1956). S. L. Atom. energ. no. 4:179-180 '56.

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS

Radioactive radiation used in the automatic control and regulation of pulp composition. S. I. Rempel', B. B. Popov. TSvet. met. 29 no. 10:47-54 O '56.

RADIOACTIVE SUBSTANCES—PHYSIOLOGICAL EFFECT

Effect of small quantities of ionizing radiation on paramaecium caudatum (a contribution to the problem of radiostimulation). E. IA. Granovskii, E. G. Zinov'eva. Dokl. AN SSSR 110 no. 3:379-382 S '56.

RADIOACTIVE TRACERS

Biological synthesis of protein matter with the passage of phosphorus and sulfur from superphosphate into different organs of the clover plant. P. A. Vlasiuk, E. S. Kosmatyi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 6:16-24 '56.

New data on the use of radioactive isotopes in investigating the fertilization of plants. I. M. Poliakov, A. N. Dmitrieva, A. F. Zdril'ko. Zhur. ob. biol. 17 no. 5: 321-334 S-O '56.

[Use of tagged atoms in biology; translations, surveys, and abstracts of foreign periodical literature] Delatvie izuchenii i primenenie izotopov v biologii 7 no. 4 '56. 62 p.

Using radioactive phosphorus and sulfur isotopes for determining hereditary qualities in seeds. S. A. Mamaev. Les. khoz. 9 no. 11:40-43 N '56.

Using tracer methods in studying the effect of light intensity on the intake of mineral substances by plants (experiments with isotopes of sulphur -35). V. V. Rachinskii, L. A. Sinitsyna. Izv. TSKhA no. 2:83-98 '56.

RADIOACTIVE TRACERS—CONGRESSES
Report of the meeting on the use of tracer atoms in the chemistry of complex compounds. N. K. Davydenko. Zhur. fiz. khim. 30 no. 9:2127-2129 S '56.

RADIOACTIVITY
Investigation of radioactive decay chains. V. S. Shpinel', G. A. Kuznetsova. Zhur. eksp. i teor. fiz. 30 no. 2:231-242 F '56.

RADIOACTIVITY—MEASUREMENT
Device for automatic recording of radioactive radiation. V. N. Afanas'ev. Zav. lab. 22 no. 7:862-866 '56.
Remodeling the B-1-type apparatus for use with halogen counters. V. K. Latyshev. Zav. lab. 22 no. 7:866-867 '56.

RADIOACTIVITY—SAFETY MEASURES
Cleaning radioactive impurities from cotton clothes. N. IU. Tarasenko. Med. rad. 1 no. 5:91-96 S-O '56.
Devices for individual protection in work with radioactive isotopes. S. M. Gorodinskii. Med. rad. 1 no. 5:84-91 S-O '56.
Radioactive wastes and public health problems. A. N. Marei. Med. rad. 1 no. 4:3-7 Jl-Ag '56.
Shramenko, A.I. [Protection against radium radiation and substitute for it in institutions using radiotherapy] Zashchita ot izluchenila radila i ego zamenitelei v radioterapevticheskikh uchrezhdeniiakh. Kiev, Gos. med. izd-vo USSR, 1956. 30 p. (Biblioteka prakticheskogo vracha)

RADIOARGON DATING
Application of the argon method to a nomogram and slide rule for calculating the age of rocks and minerals. IU. A. Shukoliukov. Inform. sbor. VSEGEI no. 1:142-145 '55.

RADIOBIOLOGY
The biological role of radioactive isotope, K A. P. Vinogradov. Dokl. AN SSSR 110 no. 3:375-378 S '56.

RADIOCHEMISTRY
Radiochemical research instrument using a Co gamma radiation source with an activity of 280 g-equ. of radium. A. Kh. Breger, V. A. Belynskii, S. D. Prokudin. Atom. energ. no. 4:131-136 '56.

RADIOGRAPHY
Boundary effects during image formation on the radiograph and the resolving capacity of X-ray screens. A. Bundel', V. V. Dmokhovskii, A. I. Rusanova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:86-95 '55.
Dynamic haziness of radiographs. M. F. Popov. Trudy Tsentr. nauch. issl. inst. rentg. i rad. 9:107-114 '55.
Effect of tomograph design on the size of the exposure. V. V. Dmokhovskii. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:7-10 '55.
Experience in the use of tomography in traumatology. A. IU. Deputovich. Ortop., travm. i protez. no. 6:52-54 N-D '55.
Investigating the photoconductivity and the photographic effect of cuprous oxide under the action of X-rays. A. N. Krongauz. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:77-85 '55.
Luminescence of screens subjected to short exposures. A. A. Bundel', M. F. Popov, IU. A. Chizhunova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:46-56 '55.
Methods of studying natural radioactivity in plants. E. Z. Sen'chuk. Stud. nauk. pratsi no. 20:75-78 '56.
Relation between postluminescence of sulfide screens and their working conditions. A. A. Bundel', M. F. Popov, IU. A. Chizhunova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:137-145 '55.
Thickness of the plane registered by the tomograph. V. V. Dmokhovskii. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:10-32 '55.

RADIOISOTOPES—DECAY
Decay schemes of $Zr^{97}$ and $Nb^{97}$. N. N. Deliagin and others. Izv. AN SSSR. Ser. fiz. 20 no. 8:913-924 Ag '56.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS
Determining the duration of processing time of materials in the refinery by the method of radioactive indicators. V. F. Kniazev, O. V. Travin. Zav. lab. 22 no. 9:1071-1072 '56.
Using isotopes for studying oil field flooding. I. I. Korganov. Azerb. neft. khoz. 35 no. 7:24-28 Jl '56.

RADIOSCOPIC DIAGNOSIS see Diagnosis, Radioscopic

RADIOTHERAPY
Radiotherapy of bladder tumors; review of foreign literature. G. G. Taubkin. Urologiia 21 no. 3:64-73 Jl-S '56.
Some data on the use of nicotinic acid in complications of radiotherapy. IU. G. Grigor'ev. Med. rad. 1 no. 4:67-70 Jl-Ag '56.

RADIOTHORIUM—SPECTRA
Internal conversion electron spectra of active radiothorium deposits. (Region $H\rho$ = 2600 - 10300 Gs. cm.). E. M. Kristut and others. Izv. AN SSSR. Ser. fiz. 20 no. 8:877-881 Ag '56.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802
A. N. Radishchev's views on criminal law. I. I. Solodkin. Uch. zap. Len. un. no. 202:23-49 '56.
Controversial questions and methods in the study of A. N. Radishchev's ideological legacy. E. S. Vilenskaia. Vop. filos. no. 5:163-174 '56.
Mukogonenko, G. P. [Radishchev and his times] Radishchev i ego vremia. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 773 p.

RADIUM
Relative distribution of depth doses in case of exposures to gamma-quanta emitted by $Co^{60}$ and a RA complex. I. V. Poroikov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:174-186 '55.

RADIUM—ISOTOPES
Total neutron cross section of $Ra^{225}$. M. I. Pevzner, L. S. Danelian, IU. V. Adamchuk. Atom. energ. no. 4:67-70 '56.

RADIUM—THERAPEUTIC USE
Kozlova, A.V. [Fundamentals of radium therapy; a manual for physicians] Osnovy radievoi terapii; rukovodstvo dlia vrachei. Moskva, Medgiz, 1956. 323 p., illus. (DAFM)

RADON—THERAPEUTIC USE
(see also subdivision under TSkhaltubo)
Treating endarteritis obliterans by an ultrahigh-frequency electric field and radon baths in a polyclinic. V. V. Isaev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:77-82 O-D '56.

RAILROAD ENGINEERING
(see also subdivision under Khabarovsk)
New rules for making traction calculations. O. N. Isaakian, G. V. Faninskii, T. N. Khokhlov. Vest. TSNII MPS 15 no. 1:32-36 Ag '56.

RAILROAD ENGINEERING—BIBLIOGRAPHY see Bibliography—Railroad engineering

RAILROAD ENGINEERING—CONGRESSES see subdivision under Geneva

RAILROAD ENGINEERING—EXHIBITIONS see subdivision under Leipzig

RAILROAD ENGINEERS see Locomotive engineers

RAILROAD MOTORCARS
Rapid acting cut-out switch for railroad motorcars. G. A. Petrov. Trudy TSNII MPS no. 123:5-12 '56.

RAILROAD RESEARCH
In the academic council of the Central Scientific Research Institute of the Ministry of Transportation and Communication. Vest. TSNII MPS 15 no. 1:55 Ag '56.
In the departments and laboratories of the Central Scientific Research Institute of the Ministry of Transportation and Communication. Vest. TSNII MPS 15 no. 1:56-57 Ag '56.

RAILROADS
(see also subdivision under Soviet Central Asia)
Konovalov, V. S., and B. A. Diugach. [Work practices of heavy machinery industry railroad shops] Opyt raboty zheleznodorozhnykh tsekhov zavodov tiazhelogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 129 p.

RAILROADS—ACCOUNTS, BOOKKEEPING, ETC.
Motulevich, P. A., P. S. Ushakov, and I. M. Shukhatovich. [Accounting in railroad transportation] Bukhgalterskii uchet na zheleznodorozhnom transporte. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 359 p.

RAILROADS—BRAKES
[Manual for inspectors of automatic equipment on railroads] Pamiatka osmotrshchiku-avtomatchiku. Izd. 6-e. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 93 p. (Rabota zheleznykh dorog v zimnikh usloviiakh)
More accurate calculation of braking distances. M. D. Pokin. Vest. TSNII MPS 15 no. 1:22-26 Ag '56.
Problem of the length of brake shoes. L. A. Vukolov. Vest. TSNII MPS 15 no. 2:26-27 S '56.

RAILROADS—CARS
(see also subdivision under United States)
Extending the sides of gondola cars for beet transport. N. S. Chernyshev. Zhel. dor. transp. 38 no. 11:72 N '56.
Improving the utilization of flat-car and gondola-car load capacity. V. A. Lazarian, I. M. Koroteev, A. A. L'vov. Zhel. dor. transp. 38 no. 11:67-69 N '56.
On the design speeds of railroad cars. S. V. Vershinskii. Vest. TSNII MPS 15 no. 1:16-17 Ag '56.
Permissible compression force on a railroad car. V. G. Andrievskii. Trudy KHIIT no. 20:235-242 '56.
Reserve strength of freight car truck side frames and bolsters. L. A. Shadur. Vest. TSNII MPS 15 no. 2:15-22 S '56.
Selecting speeds and weight for railroad passenger cars. A. M. Baranov, D. D. Ashukin, V. E. Kovlov. Vest. TSNII MPS 15 no. 2:3-7 S '56.

Speeding up railroad car turnover is the most important source of growth in freight haulage. Zhel. dor. transp. 38 no. 11:3-7 N '56.
Using an electronic millisecond meter in determining resistance to movement in railroad cars. I. V. Pavlov. Vest. TSNII MPS 15 no. 2:59-60 S '56.

RAILROADS—COLD WEATHER OPERATION
[Manual for railroad car inspectors] Pamiatka osmotrshchiku vagonov. Izd. 4-oe. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 61 p. (Rabota zheleznykh dorog v zimnikh usloviiakh)
Operation of railroads in cold weather conditions. Zhel. dor. transp. 38 no. 11:63 N '56.

RAILROADS—COMMUNICATION SYSTEMS
Increasing the efficiency of using long-distance telephone channels. A. I. Kugushev. Vest. TSNII MPS 15 no. 2:51-54 S '56.

RAILROADS—CONGRESSES see subdivision under Dresden

RAILROADS—CONSTRUCTION
Some problems of organizing and building railroads in sandy deserts. A. M. Raskin, A. G. Mollot. Trudy TASHIIT no. 5:157-177 '56.

RAILROADS—COST OF OPERATION
More accurate calculation of haulage costs. A. P. Abramov, A. G. Zakharov. Vest. TSNII MPS 15 no. 2:40-42 S '56.
Problems of fuel economy in the railroad system. V. S. Meliarchuk. Zhel. dor. transp. 38 no. 11:8-14 N '56.

RAILROADS—CROSSING see subdivision under United States

RAILROADS—CURVES AND TURNOUTS
Geometric inscription of locomotives in curves by the graphic method in an elliptic diagram. D. G. Golovanov. Trudy TASHIIT no. 5:49-81 '56.
Kragel', A.T. [Straightening railroad switches] Vypravka strelochnykh soedinenii. Izd. 2-oe, dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 226 p.
Stability of locomotives in relation to jumping the track while moving around curves. A. P. Kostiuk. Trudy KHIIT no. 26:156-169 '56.

RAILROADS—EARTHWORK
On the configuration and steepness of railroad embankments and slopes in loess soils. F. I. Voronov. Trudy TASHIIT no. 5:123-128 '56.

RAILROADS—ELECTRIFICATION
Immediate tasks in the field of railroad electrification. S. M. Serdinov. Zhel. dor. transp. 38 no. 11:15-18 N '56.

RAILROADS—EQUIPMENT AND SUPPLIES
Planning the manufacture of parts and calculating warehouse supplies of repair shops. N. P. Mironenko. Vest. TSNII MPS 15 no. 2:34-37 S '56.

RAILROADS—FREIGHT
(see also subdivision under France; Germany, West)
Centralize loading and unloading points at stations. L. Lifshits. Sots. trud no. 9:108-109 S '56.
Combined railroad and water shipping of goods. E. Gekhtberg. Biok. agit. vod. transp. no. 22:21-30 N '56.
Evaluating the efficiency of mixed railroad and waterway transportation. N. N. Barkov. Trudy TSNII MPS no. 120:4-10 '56.
Increasing the speed of time-freight trains. M. L. Zabello, R. V. Mezhova. Vest. TSNII MPS 15 no. 1:48-52 Ag '56.
Monetary evaluation of improving the use of freight containers. A. P. Abramov. Trudy TSNII MPS no. 120:67-82 '56.
The most important current events. Obz. vazhn. sob. SSSR 3 no. 99:33-36 N '56.
Planning medium distance freight haulage. I. K. Bur'ian, A. P. Rozhkov. Zhel. dor. transp. 38 no. 11:44-48 N '56.

RAILROADS—FREIGHT—COLD WEATHER CONDITIONS
Methods of controlling freezing of freight loaded in bulk. N. V. Dem'ianov. Zhel. dor. transp. 38 no. 11:38-44 N '56.

RAILROADS—FREIGHT CARS
Calculating haulage costs in evaluating the efficiency of introducing new types of freight cars. A. V. Izosimov. Trudy TSNII MPS no. 120:44-66 '56.

RAILROADS—GRADES
Structure of the vertical track profile and a method of determining the running speed of trains for making technical and economic calculations. [A. V. Shukatai]. Trudy TSNII MPS no. 120:20-43 '56.

RAILROADS—HUMP YARDS
Braking cars at the bottom of hump yards. T. F. Shchegiova. Zhel. dor. transp. 38 no. 11:71-72 N '56.
Single-rail weight retarders for hump yards. G. G. Popov. Vest. TSNII MPS 15 no. 2:56-57 S '56.

RAILROADS—MAINTENANCE AND REPAIR see subdivision under United States

RAILROADS--MAKING UP TRAINS

Making up "groups" trains is important for shortening the idle time of cars during accumulation. K. A. Berngard. Zhel.-dor. transp. 38 no.11:33-36 N '58.

RAILROADS--MANAGEMENT

Bugaets, T. A., and V. L. Vil'chinskii. [Manual on rail road fuel and fuel storage] Spravochnik po toplivu i toplivno-skladskomu khoziaistvu zheleznykh dorog. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 403 p.

Dementsev, M. I. [A railroad's experience in devising efficient methods and producing inventions] Opyt raboty dorogi po ratsionalizatsii i izobretatel'stvu. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 80 p.

Measures for improving the organization of work norms and wages. Zhel.-dor. transp. 38 no.8:62-63 Ag '56.

Selecting a method of increasing the traffic capacity of single-track railroads. P. P. Fel'dman, B. M. Maksimovich. Vest. TSNII MPS 15 no.2:7-13 '56.

Speeding up car turnover on sidings. B. A. Afferman. Vest. TSNII MPS 15 no.16:3-11 Ag '56.

Sukhovarov, N. A. [Manual for passenger car conductors and train officials] Spravochnik provodnika passazhirskikh vagonov i starshego po poezdu. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 200 p.

RAILROADS--RAILS

Effect of lateral horizontal forces on stresses in rails. V. I. Angelenko. Trudy KIIIT no.20:132-142 '58.

Effect of the modulus of elasticity of rail bases in relation to torsional stress and rail deformation under loading with lateral horizontal forces. B. G. Gelbvanov. Trudy TAGIIT no.8:130-141 '58.

Equations for the movement of a wheel with continuous element along a series of elastic deforming material. B. G. Kovtun. Trudy KIIIT no.20:100-106 '58.

Rail deformation on factory railroads carrying hot loads. I. P. Mel'nov, A. I. Shulyan. Vest. TSNII MPS 15 no.2:49-51 '56.

RAILROADS--RAILS--TESTING see substitution under Trains

RAILROADS. SALARIES, PENSIONS, ETC.

Wages of miners and shunting crews in railroad transportation. N. Zakharenko, V. Lukashin. Sots. trud no.8: 54-64 Ag '58.

RAILROADS--SIDINGS

Determining the conditions for economic use of railroad sidings. A. G. Zakharov. Trudy TSNII MPS no.136: 83-114 '58.

RAILROADS--SIGNALING

Eliminate shortcomings in designing centralized dispatching. D. Ia. Piskunov. Zhel.-dor. transp. 38 no.11:74 N '56.

Lapal, N. V., and others. [Automatic control and telemechanics at railroad stations; remote control of switches and signals] Avtomatika i telemekhanika na stantsiiakh; telespravlenie strelkami i signalami. Pod obshchei red. N. V. Lapala. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 399 p.

New centralized dispatcher system. I. M. Kan'on, N. V. Peskin. Vest. TSNII MPS 15 no.2:60 N '56.

Safety lights. N. Berlina. Nov. tekhn. no.12:6-7 D '56.

RAILROADS--SNOW PROTECTION AND REMOVAL

Powerful snow removal machinery. E. N. Gulenko, V. E. Gora. Zhel.-dor. transp. 38 no.11:49-53 N '56.

Prospective development in mechanizing time-consuming snow removal work. D. M. Mel'nik. Vest. TSNII MPS 15 no.4:27-31 Ag '56.

RAILROADS--SWITCHES

Comparison of the efficiency of r.-c. and d.-c. rail switches. N. I. Kargalov. Zhel.-dor. transp. 38 no.11: 59-61 N '56.

Kragel', A. T. [Straightening railroad switches] Vypravka strelochnykh soedinenii. Izd. 2-oe, dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 236 p.

Lapal, N. V., and others. [Automatic control and telemechanics at railroad stations; remote control of switches and signals] Avtomatika i telemekhanika na stantsiiakh; telespravlenie strelkami i signalami. Pod obshchei red. N. V. Lapala. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 399 p.

Moscow. Gosudarstvennyi institut tekhniko-ekonomicheskikh issledovanii. [Irreducible electrodurable switches] Trassernye. [Album of model standard-gauge switches and crossings] Al'bom tipovykh strelochnykh perevodov i peresechenii normal'noi kolei. Moskva, Gos. transp. zhel-dor. izd-vo.

Pt. 1. [Single ordinary switches for model R43 rails and 1/11 and 1/9 frogs] Odinochnye obyknovennye strelochnye perevody iz rel'sov tipa R43 s krestovinami marok 1/11 i 1/9. 1956. 343 p.

RAILROADS--TIES

Zavrieva-Ushkov, V. V. [Reinforced concrete railroad ties] Zhelezobetonnye shpaly. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 55 p.

Vibration tie tamping machine. V. A. Alekhin. Vest. TSNII MPS 15 no.3:60 F '56.

RAILROADS--TRACK

Causes of track corrugation. N. M. Kozhevnikov. Vest. TSNII MPS 15 no.2:47-49 F '56.

The fill in parts of straightened gullies. A. A. Shubrikovskii, V. M. Shvetsov. Vest. TSNII MPS 15 no.2:33-40 F '56.

[Manual for the artificial freezing] Ruchnoe zamorazhivanie gruntov. Izd. 2-oe, perer. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 111 p.

RAILROADS--WATER SUPPLY

Methods and devices for establishing the quantity of water in the stable of the water system. N. V. Ushakov. I. A. Ushakov, V. A. Zaporozhan. Vest. TSNII MPS 15 no.2:60 F '56.

RAILROADS, ELECTRIC see Electric railroads

RAILROADS, ELEVATED see subdivision under New York (City)

RAILROADS, NARROW GAUGE

Operating results of narrow-gauge railroads in the Far East region. Zhel.-dor. transp. 38 no.11:33-34 N '56.

RAILROADS, UNDERGROUND see Subways

RAIN AND RAINFALL

Effect of precipitation on the growing and harvesting of grain. A. A. Isakova. Trudy GGO no.71:3-14 '58. (MIRA 11:12)

RAKHMAN, RADII, 1910-

Fyzika tverdogo tela [Physics of the solid state]. Reviewed by M. Mostovoi. Fiz. v shkole no.1:84-87 Ja-F '58. (MIRA 11:2)

RAMAN EFFECT

Absorption spectra and Raman effect in cyclic molecules and polymers. S. F. Bukhovets. Zap. Gor. inst. 33 no.3:244 '58. (MIRA 11:12)

RAMS, HYDRAULIC see Hydraulic rams

RANK see subdivision "Classification" under Languages

RARE EARTH METALS

Investigation of the spectral distribution of the intensity of the luminescence of rare-earth metals and of the dependence of the luminescence on the temperature. A. A. Shishkovskii. Opt. i spektr. 5 no.1:61-71 '58. (MIRA 11:7)

RARE EARTHS see Metals, Rare

RATS

Investigating the epidemiological aspects of the nature of small Uralian mammals. V. N. Shvarts. Zap. Ural. otd. Vsesoiuz. geog. ob-va no.1:5-10 '58. (MIRA 11:12)

RAYCHINSKII, F. [Rajčinski, F.]

Raychinskii, F. Mekhanika. Sotsialist. 5 no.4:7-9 Ap '56.

RAYON

Causes of abnormal pilling of rayon tire cord. S. S. Bukanova, N. N. Arakhangel'skaia, A. P. Orekhov. Tekhn. promsan. no.2:11-13 F '58.

Reducing waste in silk and rayon finishing mills. A. K. Logvin. Tekst. prom. 18 no.9:8-9 S '58.

RAYON (FINISHING)

Effect of the conditions for decolorizing viscose on the spinning process. N. N. Pavlyuchik, A. I. Zhuravleva. Tekst. prom. 18 no.11:57-58 N '58.

RAYON SPINNING--EQUIPMENT AND SUPPLIES

New materials for thread guides. V. V. Korshunov. Tekst. prom. 18 no.11:21-22 N '58.

RAYON SPINNING--PRODUCTION STANDARDS

Establishing norms for the performance of centrifuges during spinning machine. N. N. Sorokin. Tekst. prom. 18 no.11:1 N '58.

RAYS, ULTRAVIOLET see Ultraviolet rays

REACTOR FUEL REPROCESSING

Pyrometallurgical methods for reprocessing UO2 fuel elements. Atom. energ. no.4:170-175 '58. (MIRA 11:12)

REAGENTS, CHEMICAL see Chemical tests and reagents

REAMERS

Statistical investigation of precision and finish of reamed iron and steel surfaces machined by hard-alloy reamers. L. S. Solomon. Trudy Ural. politekh. inst. no.80:5-14 '58.

RECLAMATION OF LAND

(see also subdivision under Barren Steppe; Saline Steppe; Semi-Desert; White Russia)

Kuznetsov, I. A. [The "Gigiena" State Farm's experience of drylot keeping] Opyt sukhogo soderzhaniia skota v sovkhoze "Gigiena." Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 95 p. (Peredovoi opyt v sel'skom khoziaistve) (DLA)

RECONSTRUCTION see subdivision under Germany, West

REDUCTASE

Reductase of cytochrome c in mitochondria of liver. I. A. Arinkina. Biokhimiia 23 no.3:369-377 My-Je '58. (MIRA 11:7)

Reductase of cytochrome c in mitochondria of liver. I. A. Arinkina. Biokhimiia 23 no.3:369-377 My-Je '58. (MIRA 11:7)

REFRACTORIES

Refractory materials from combustible oil refinery wastes. M. M. Shevelev. Ogneupory 23 no.3:109-113 '58. (MIRA 11:3)

Lur'e, M. A. [Refractory materials in modern engineering] Ogneupory v sovremennom mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1958. 239 p.

REFRIGERATION AND REFRIGERATING MACHINERY

Refrigerating plant producing dense, crushed concrete mixture for concrete dams. V. M. Shmelev. Trudy VNII GS no.30:3-13 '58.

Fully refrigerating unit for freezing fish meat. M. V. Borovik, V. P. Kalmykov. Rybn. khoz. 34 no.5:68-72 My '58.

ERATION AND REFRIGERATING MACHINERY
nued)
ing the power of engines by cooling the air charge.
imson, F. G. Grinsberg. Energomashinostroenie
3-17 N '56.
ation of the vortical temperature-distribution
in gases and vapors. V. S. Martynovskii, V. P.
sev. Zhur. tekh. fiz. 26 no. 10:2303-2315 O '56.

ERATOR CARS
zing experience in operating trains using me-
cal refrigeration and proposals for improving
use. S. O. Gusev, N. P. Chekmarev, M. M.
isov. Vest. TSNII MPS 15 no. 2:61 S '56.

ERATORS
, I. F. [Refrigerator floors over circulating
pace; a scientific report] Shantsevye poly kholo-
kov; nauchnoe soobshchenie. Moskva, Gos.
o torgovoi lit-ry, 1956. 36 p.

RATION (BIOLOGY)
of urea on the incorporation of inorganic phospho-
to regenerating tissue [with summary in English].
famianskii and others. Vop. med. khim. 2 no. 5:
49 S-O '56.
of X rays on the regeneration of muscular tissue.
'ozhilkova. Med. rad. 1 no. 4:14-21 Jl-Ag '56.
gating the regenerative capacity of the retina in
Bombina and rats. O. G. Stroeva. Izv. AN SSSR.
biol. no. 5:76-84 S-O '56.
'egeneration in the trout Salmo irideus. K. A.
rovich. Dokl. AN SSSR 110 no. 2:301-303 S '56.
ration processes in the bone and cartilage tissues
ie transplantations and fractures. E. F. Lisitskii.
trud. Khar'. vet. inst. 22:87-98 '54.
tion of the regenerative process of an injured
A. A. Kravchenko. Ortop., travm. i protez. 17
56 My-Ap '56.

TION OF PRICES see subdivision 'Price regula-
under Korea, North

TORS see Governors (Machinery)

:R
G. I. [Fodder and pasture for northern reindeer]
a i pastbishcha severnogo olenia. Pod red. V. N.
ova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956.

)A)
or stones in Mongolia and the problem of the
of reindeer breeding. V. N. Skalon. Sov.
ol. 25:87-105 '56.

ICED CONCRETE
tions for reinforcement loop joints proposed by
'erefer'i, V. I. Gnedovskii. Trudy Khab. IIT
5-40 '56.
ing shrinkage in reinforced concrete structures.
urov. Nauch. trudy NPI 26:87-91 '55.
e reinforcements. A. Shraiber. Stroitel' 2
3 F '56.
ation of reinforced concrete. V. N. Gornov. Bet.
-bet no. 11:401-403 N '56.
mental investigation of the action in bending ele-
made of heatproof concrete at high temperatures.
lurashev, A. F. Milovanov. Bet. i zhel.-bet
397-400 N '56.
ructing machinery for spot welding of reinforce-
. Stroitel' 2 no. 8:13 Ag '56.

ICED CONCRETE CONSTRUCTION
lso subdivision under Europe, Eastern)
for placing reinforced concrete columns in frame-
construction work. M. N. Gorbovets, A. S. Gus'kov.
i dor. mashinostr. no. 11:34-35 N '56.
it reinforced concrete floors in general overhaul
ildings. G. M. Arskii, A. I. Lysova. Arkhit. i
. Len. no. 3:24-25 S '56.
limate-load theory applied to the design of rein-
d and prestressed concrete frames" (in English)
L. L. Baker. Reviewed by A. A. Gvozdev. Bet.
-bet no. 11:412-413 N '56.
precast reinforced concrete in building chute
rays. M. A. Ordalii. Gidr. strol. 25 no. 10:9-11
5.

VITY (PHYSICS)
mental verification of the general theory of
vity. V. L. Ginzburg. Usp. fiz. nauk 59 no. 1
My '56.
equations for a system of heavy masses account-
r their internal structure and rotation. V. A. Fok.
iz. nauk 59 no. 1:67-70 My '56.
ation of Einstein's effect during solar eclipses.
Mikhailov. Usp. fiz. nauk 59 no. 1:81-86 My
law of "self-interlinkedness" of physical magni-
s. A. IE. Levashev. Nauk. zap. Kiev. un. 13 no. 7:
2 '55.
le points of departure for the second approxima-
of the "Law of interaction of space, time and ma-
of matter." O. S. Ivanyts'ka. Nauk. zap. Kiev. un.
. 7:30-54 '55.

Relativistic repulsion effects in a scalar field and attrac-
tion in a vector field. IA. P. Terletskii. Zhur. eksp. i
teor. fiz. 30 no. 2:410-420 F '56.

RELAYS, ELECTRIC see Electric relays

RELIGION
Aspects of religion in the works of M. A. Antonovich.
V. V. Chubinskii. Vop. ist. rel. i ateiz. no. 4:137-158
'56.
Criticism of religion in the works of M. E. Saltykov-
Shchedrin. V. IA. Kirpotin. Vop. ist. rel. i ateiz.
no. 4:120-136 '56.
Lenin on religion. V. D. Bonch-Bruevich. Vop. ist. rel.
i ateiz. no. 4:3-23 '56.
Natural sciences for the masses. P. Borzova. Sots.
kul't. 9 no. 10:12-13 O '56.
Origin and the nature of religion "Origin of religion and
its nature" by I. N. Nikiforov. Reviewed by Al. Andreev.
Kolkh. Bel. 4 no. 10:31-32 O '56.
Pavelkin, P.A. [What is religion; discussions] Chto takoe
religiia; besedy. Moskva, Gos. izd-vo polit. lit-ry,
1956. 132 p.

RELIGION—HISTORY
"Problems in the history of religion and atheism"; a
collected articles. Reviewed by I. A. Kryvelev. Vop.
ist. no. 8:163-167 Ag '56.

RELIGION—PHILOSOPHY
The basic factor in defining the religious concept. I. A.
Kryvelev. Vop. ist. rel. i ateiz. no. 4:24-54 '56.

RELIGION AND SCIENCE
Il'in, N. A. [Science and religion on life and death] Nauka
i religiia o zhizni i smerti. Moskva, Izd-vo "Znanie,"
1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu
politicheskikh i nauchnykh znanii. Ser. 2, no. 55)

REMOTE CONTROL
Lupal, N. V., and others. [Automatic control and
telemechanics at railroad stations; remote control of
switches and signals] Avtomatika i telemekhanika na
stantsiiakh; teleupravlenie strelkami i signalami. Pod
obshchei red. N. V. Lupala. Moskva, Gos. transp.
zhel-dor. izd-vo, 1956. 305 p.
Maizel', M.M. [Principles of automatic and remote
control] Osnovy avtomatiki i telemekhaniki. Moskva,
Gos. nauchno-tekhn. izd-vo Ministerstva legkoi pro-
myshlennosti SSSR, 1956. 402 p.
Schematic diagram of electric tractor control with a
single-phase cable. V. L. Inosov, V. E. Krutikova.
Sbor. trud. Inst. elektrotekh. AN URSR no. 14:124-126
'56.
Telemechanization of city gas supply systems. M. I.
Karlinskaia, M. N. Siniagina. Gaz. prom. no. 6:16-20
Je '56.

RENAISSANCE
Sources of the Renaissance in relation to the work of
Leonardo da Vinci. V. I. Rutenburg. Uch. zap. Len. un.
no. 192:100-100 '56.

RENAL ARTERY—INNERVATION
Pathomorphology of synapses in the autonomic ganglia
of the renal plexus in man. I. D. Lev. Arkh. pat. 18
no. 5:64-69 '56.

RENAL DISEASES see Kidneys—Diseases

RENDERING APPARATUS
Continuously working distiller of fish oil miscella.
V. P. Novikov. Trudy Mosk. tekh. inst. ryb. prom. i
khoz. no. 8:152-161 '54.

RENI, GUIDO, 1575-1642
Guido Reni's paintings in the Hermitage collection.
M. I. Shcherbacheva. Trudy Gos. erm. 1:73-80 '56.

REPATRIATION see subdivision under Latvia

REPORTERS AND REPORTING
A friend's aid. A. Chernenko. Sov. pech. no. 11:27
N '56.
Provocative article. A. Velichko. Sov. pech. no. 11:11-13
N '56.

REPTILES—PARASITES see Parasites—Reptiles

RESERVOIRS
Anapol'skaia, L.E. [Winds in the area of the steppe
reservoirs of European Russia] Vetrovoi rezhim vo-
dokhranilishch stepnogo raiona Evropeiskoi territorii
SSSR. Pod red. O.A.Drozdova. Leningrad, Gidrome-
teorologicheskoe izd-vo, 1956. 61 p.
Statistical method of determining the volume of a water
reservoir. V. G. Alvaz'ian. Gidr. strol. 25
no. 10:37-41 N '56.

RESHEVSKY, SAMUEL, 1911-
Chess magician. Amerika no. 3:51-52 '56.

RESINS see Gums and resins

RESINS, SYNTHETIC
Cast insulation from epoxy resin. K. A. Andrianov and
others. Vest. elektroprom. 27 no. 11:47-53 N '56.

RESISTANCE, ELECTRIC see Electric resistance

RESONANCE
Dispersive properties of multifilar helixes. N. N.
Smirnov. Dokl. AN SSSR 110 no. 2:212-215 S '56.

RESORCINOL
Improved production of medical resorcinol. M. A. But-
lerovskii. Med. prom. no. 3:28-29 Jl-S '55.

RESORTS see Health resorts, watering places, etc.

RESOURCES, NATURAL see Natural resources

RESPERATION
Blood gases and respiration in mitral insufficiency.
N. M. Genin. Khirurgiia. 32 no. 8:35-39 Ag '56.
Certain characteristics of reflex regulation of blood cir-
culation and respiration in surgical shock. S. G.
Sherashov. Arkh. pat. 18 no. 6:70-76 '56.
Conditioned response to blood circulation, respiration,
and gas exchange in cattle [with summary in English].
P. F. Soldatenkov, S. M. Gantushkina. Fiziol. zhur.
42 no. 10:893-897 O '56.
Effect of moderate lowering of partial oxygen pressure
on human respiration during muscular work. M. E.
Marshak, T. A. Maeva. Vop. kur. fizioter. i lech. fiz.
kul't. 21 no. 4:70-76 O-D '56.
Respiration of cerebrocortical and hepatic sections of
rabbits during medinal sleep [with summary in English].
E. P. Chetverikova. Vop. med. khim. 2 no. 5:338-345
S-O '56.

RESPIRATION OF PLANTS see Plants—Respiration

RESPIRATORY ORGANS—DISEASES
Air disinfection in aerogenous infections. M. I. Badanov.
Vop. kraev. pat. no. 4:153-162 '54.

RESPIROMETER
Three new microrespirometers for studying the metabo-
lism of small biological specimens. V. K. Mitovanov
and others. Dokl. Akad. sel'khoz. 21 no. 11:17-21 '56.

RESPONSE
Graphic method for registering conditioned motor re-
flexes. E. F. Al'bitskaia. Biul. eksp. biol. i med. 42
no. 10:79-80 O '56.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Sweden)
Food output norms for public eating establishments.
M. S. Osmolovskaia. Vop. pit. 15 no. 6:52 N-D '56.
System of public eating enterprises in the Central
Stadium. P. I. Barsov. Gor. khoz. Mosk. 30 no. 9:
31-33 S '56.
Urgent problems for the workers of communal food serv-
ing enterprises in the Russian Federation. I. Lukashov.
Sov. torg. no. 11:1-5 N '56.

RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING
Price fixing in communal food serving enterprises.
O. Narkevich, V. Roizman. Sov. torg. no. 11:12-17 N
'56.

RESTAURANTS, LUNCHROOMS, ETC.—HYGIENIC ASPECTS
Hygenic problems involved in self-service in cafeterias.
A. G. Korepanov. Vop. pit. 15 no. 6:49-50 N-D '56.

RETAIL TRADE
(see also subdivision under Poland)
Dissertations on the problems of the economy and
organization of trade. Sov. torg. no. 11:44-47 N '56.
Some problems in the circulation of trade literature.
M. Gulikov. Sov. torg. no. 11:36-39 N '56.
To the interest of customers. L. Zhukova, T. Morov-
skaia. Sov. torg. no. 11:17-20 N '56.

RETICULO-ENDOTHELIAL SYSTEM
Data on the pathomorphology of the reticulo-endothelial
system and of the argyrophil substance following cere-
bral decortication. A. F. Valiakhmetov. Biul. eksp.
biol. i med. 42 no. 10:72-76 O '56.
Role of the reticulo-endothelial system in the mecha-
nism of immunity of typhus fever. E. IA. Shterngol'd.
Vop. kraev. pat. no. 4:88-98 '54.

RETINA
Electroretinogram recording of considerable duration.
V. A. Khilun. Biofizika 1 no. 7:688-671 '56.
Investigating the regenerative capacity of the retina in
adult Bombina and rats. O. G. Stroeva. Izv. AN SSSR.
Ser. biol. no. 5:76-84 S-O '56.

RETINA—BLOOD SUPPLY
Ophthalmoscopic examination of blood vessels of the
macula lutea. A. M. Malkin. Vest. oft. 69 no. 5:84-85
S-O '56.

RETINA—DISEASES
Arachnodactyly and ectopy of the crystalline lenses with
retinal detachment. D. M. Aronov. Vest. oft. 69 no. 5:
77-78 S-O '56.
Bilateral fat embolism of the central artery of the retina
in fractures of the long shaft bones. M. V. Zaikova.
Vest. oft. 69 no. 5:91-92 S-O '56.
Pseudoalbuminuric retinitis in intracranial hypertension.
L. N. Zozulia. Vest. oft. 69 no. 5:34-37 S-O '56.

RETIREMENT PENSIONS see Old age pensions

RETTING
Application of vibrational methods in preparing retted flax. V. V. Andreev. Tekst. prom. 16 no. 9:16-17 S '56.
Efficient action of ferments on combined aerobic-anaerobic retting of flax; according to experimental findings in 1953-1954. A. L. Peskin, M. F. Zalesskaia, N. P. Makritskaia. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:313-330 '56.
Operations of a warm retting plant. L. M. Omarov. Tekst. prom. 16 no. 11:10-12 N '56.
Preparatory processes in the flax industry abroad. N. L. Mitiushin. Tekst. prom. 16 no. 11:63-66 N '56.

REVOLUTIONISTS
Revolutionary propaganda in Russian "Sunday schools," 1860-1862. R. A. Taubin. Vop. ist. no. 8:80-90 Ag '56.

REVOLUTIONS see subdivision 'Revolution, 1848-1849' under Prussia; 'Revolution, 1917-1921' under Azerbaijan; Black Sea region; Dnepropetrovsk; Gomel' Province; Kazakh District; Kronstadt; Leningrad; Moscow; Russia; Turkestan; Ukraine; Volga Valley; White Russia; 'Revolution of 1905' under Ossetia; Russia; Smolensk Government; Soviet Central Asia; Transcaucasia; Udmurt A. S. S. R.

RHENIUM
Rhenium. V. G. Tronev. Khim. nauka i prom. 1 no. 5:538-542 '56.

RHEOSTATS, ELECTRIC see Electric rheostats

RHEUMATIC FEVER
Blood flow rate in the lesser circulation in rheumatism. M. N. Fateeva, K. K. Maslova. Mat. rad. 1 no. 4:76-81 Jl-Ag '56.
Conditioned reflex activity in rheumatism in children (in periods between attacks) as related to hydrogen sulfide bath therapy. T. P. Borisova. Pediatriia 39 no. 4:60-68 Jl-Ag '56.
Course of rheumatism in children in sanatoria. M. S. Zil'bershtein, E. R. Levin, V. M. Vozlinskaia. Pediatriia 39 no. 4:68-74 Jl-Ag '56.
Experimental studies of disorders of higher nervous activity, particularly of the interrelations between the first and second signal systems in children during the acute stage of rheumatic fever. L. S. Bogachenko. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:263-281 '56.

RHIZOSPHERE MICROBIOLOGY
Characteristics of the microflora in the rhizosphere of potatoes. L. I. Apostolova. Stud. nauk. pratsi no. 20: 121-129 '56.

RHODES—HISTORY
Minoan-Mycenaean Rhodes and the problem of the "transition" period in the Aegean. K. M. Kolobova. Uch. zap. Len. un. no. 102:21-52 '56.

RHODIUM-BISMUTH ALLOYS see Bismuth-rhodium alloys

RIABUKHA, DMITRII
For preschool age ("Little fellows" by D. Riabukha. Reviewed by S. Trifonov). Sov. Kazakh. 22 no. 9:122-124 S '56.

RICE
(see also subdivision under Uzbekistan)
Methods of manuring soils after a rice crop in the Lenkoran' region. D. M. Guseinov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:9-21 '55.
Ways of saving water in rice growing. E. B. Velichko. Izv. TSKhA no. 2:119-130 '56.

RICKETTSIA
Studying some species of wild and domestic rodents as sources of endemic rickettsioses. E. I. Shteikher and others. Vop. kraev. pat. no. 4:108-112 '54.
Zdrodovskii, P. F., and E. M. Golinevich, eds. [Theories of Rickettsia and rickettsioses] Uchenie o rikketsiiakh i rikketsiozakh. Izd. 2-e, perer. i dop. Moskva, Medgiz, 1956. 491 p. (DAFM)

RIFLES
How to handle guns. V. Sokolovskii. Okh. i okh. khoz. no. 11:40-41 N '56.

RIGA—SCHOOL LIBRARIES
On friendly terms with books. A. Kozorovitskaia. Prof.-tekh. obr. 13 no. 11:24-26 N '56.

RIGA—SPORTS
Tournaments of Latvian teams. IUr. Van'iat, V. Konkin. Sp. igry 2 no. 8:21-22 Ag '56.

RINGWORM see subdivision under Moldavia

RIO DE JANEIRO—STREET RAILWAYS—FARES
They played ping-pong on the streetcar tracks. Vsem. stud. nov. 19 no. 9/10:6-7 S-O '56.

RIVERS
Causes of meander formation in river beds and Baer's Law. A. Einstein. Usp. fiz. nauk 59 no. 1:185-188 My '56.

RIVERS—REGULATION
Characteristics of a system of bars in the zone of periodic backwater from the Zaporozh'e dam. V. L. Maksimchuk. Izv. Inst. gidrol. i gidr. AN URSR no. 14: 37-43 '56.
Results of investigations of several design variants for hydraulic installations in the lower courses of rivers. N. N. Surova. Vop. gidr. no. 1:129-136 '55.

ROAD CONSTRUCTION
Bases of economy in building automobile roads. V. M. Viktorov. Avt. dor. 19 no. 10:6-7 O '56.
Eliminate shortcomings in surveying and designing roads. Avt. dor. 19 no. 10:2-3 O '56.
Experience in making hollow curbing. B. P. Eremenko, P. Z. Luk'ianchenko. Avt. dor. 19 no. 10:31-32 O '56.
Multiple-seated slabs in road construction. L. V. Gurevich. Gor. khoz. Mosk. 30 no. 9:39 S '56.
Regularize wages in road construction. I. Burov. Sots. trud no. 9:104-105 S '56.
The road and bridge building district. A. S. Karpov. Avt. dor. 19 no. 10:18-19 O '56.

ROAD CONSTRUCTION—ESTIMATES AND COSTS
Technical progress and lowering the cost of road construction. A. K. Petrushin. Avt. dor. 19 no. 10:4-5 O '56.

ROAD MACHINERY
Building and road machinery. V. V. Semkovskii. Mekh. stroi 13 no. 11:26-30 N '56.
Building and road machinery industry in the sixth five-year plan. E. S. Novoselov. Mekh. stroi 13 no. 11:5-11 N '56.
Immediate tasks of road machinery construction. E. I. Nemirovskii. Stroi. i dor. mashinostr. no. 11:4-7 N '56.
Pamphlet on economy in road machinery stations ("Work planning in road machinery stations." A. B. Kapson. Reviewed by M. S.) Avt. dor. 19 no. 10:28-29 O '56.

ROAD MACHINERY—REPAIRING
Shortcomings in the maintenance of the roadbuilding machinery. N. L. Borisov. Mekh. stroi 13 no. 11:12-15 N '56.

ROAD MAPS
[Touring by automobile and motorcycle; a tourist's manual] Avtomobil'nyi i mototsikletnyi turizm; sputnik turista. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 271 p.

ROAD TRAFFIC see Traffic engineering

ROADS
Economic efficiency due to the reconstructed Moscow-Noginsk highway. D. A. Rusakov, F. K. Lomanov. Avt. dor. 19 no. 10:8-9 O '56.

ROADS—BIBLIOGRAPHY see Bibliography—Roads

ROADS—MAINTENANCE AND REPAIR
Selecting types of machinery for repairing pitted road surfaces. T. V. Gribenko. Avt. dor. 19 no. 10:22 O '56.

ROADS, CONCRETE
Temporary roads built of reinforced concrete slabs. A. IAkovlev. Stroitel' 2 no. 3:4 Mr '56.

ROADS, GRAVEL see subdivision under Estonia

ROADSIDE IMPROVEMENT see subdivision under Omsk Province

ROBERT, HUBERT, 1733-1808
Hubert Robert's paintings on literary subjects in the Hermitage collection. I. S. Nemilova. Trudy Gos. erm. 1:207-214 '56.

ROBESON, PAUL, 1898-
Second birth of Joe Hill. Boris Polevoi. Ogonek 34 no. 45:20-23 N '56.

ROBIN, PAUL, 1837-
The work of Paul Robin at the Prevost Orphanage. M. E. Shil'nikova. Sov. pedag. 20 no. 12:61-69 D '56.

ROCHELLE SALT
Refractive index of Rochelle salt approximating the phase transition point. K. N. Baranskii, L. A. Gribov, V. P. Prikhod'ko. Kristallografiia 1 no. 3:368-369 '56.

ROCKETS (AERONAUTICS)
[Problems of rocket engineering; translations and surveys of foreign periodical literature]. Voprosy raketnoi tekhniki 6 no. 6 '56. 163 p.

ROCKS—CLASSIFICATION AND NOMENCLATURE
Engineering geology's systematics and classification of rocks. A. D. Belyi. Biul. MOIP, Otd. geol. 31 no. 4: 107-108 Jl-Ag '56.

ROCKS—ELECTRIC PROPERTIES
Four-point device for field measurement of specific resistivity of rock specimens. L. I. Pinkunov. Razv. i okh. nedr 21 no. 3:41-44 My-Je '55.

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Kamchatka

ROCKS, IGNEOUS
(see also subdivision under Altai Mountains; Naryn Valley; Siberian Platform; Transcarpathia; Ural Mountains)
Intensification and extension of work in the chemical analysis of eruptive rocks. E. K. Teptkin. Zap. Vses. otd. Vses. min. ob-va no. 6:121-123 '54.
Residual magnetization of igneous rocks related to their geological age. A. G. Komarov. Dokl. AN SSSR 103 no. 2:260-263 S '56.
Role of certain minerals in the correlation of magnetic rocks. F. E. Lapchik. Min. sbor. no. 5:311-316 '51.

ROCKS, SEDIMENTARY—MAGNETIC PROPERTIES
Magnetic properties of sedimentary rocks. I. I. Gurevich. Nauch. trudy NPI 26:191-196 '56.
Possibility of stratigraphic correlation and differentiation of sedimentary strata according to the vertical of residual magnetic property. A. N. Khramov. Trudy VNIGRI no. 95:198-208 '56.

RODENT CONTROL
Protecting pine seedings from rodents. A. Churko. Les. khoz. 9 no. 11:71 N '56.
Some remarks on the use of poisoned bait in controlling rodents. L. L. Hyrenko. Dop. AN URSR no. 2 191-193 '56.

RODENTIA see subdivision under Tajikistan

RODENTIA—PARASITES see Parasites—Rodentia

RODENTS AS CARRIERS OF DISEASE
Studying some species of wild and domestic rodents as sources of endemic rickettsioses. E. I. Shteikher and others. Vop. kraev. pat. no. 4:108-112 '54.

RODRÍGUEZ ALVAREZ, ALEJANDRO, 1903-
"Trees die standing" by Alejandro Casona. Teatr. 17 no. 10:131-132 O '56.

ROENTGEN RAYS see X rays

ROLLER BEARINGS
Equipping cars with roller bearing. A. A. Armatkov, P. I. Moleshkin. Zhel. dor. transp. 38 no. 11:22-27 N '56.

ROLLING (METALWORK)
All-Union conference of workers in the pipe industry. G. Smolianov. TSvet. met. 29 no. 10:82-83 O '56.
Measuring the pressures exerted in the cold rolling of thin sheets. N. E. Skorokhodov and others. Trudy Sib. met. inst. no. 2:5-16 '55.

ROLLING MILLS
Operating machines for continuous annealing of non-ferrous metal strips by the electric resistance method. S. A. Kushakevich, M. M. Lazarev. TSvet. met. 29 no. 10:64-69 O '56.
Operation and performance analysis of reducing gears used in rolling mills. L. S. Borovich. [Trudy] TSNIITMASH 81:5-41 '56.
Simultaneous machining commutators of two generators used as the main drives of rolling mills. V. A. Abakumov. Trudy Sib. met. inst. no. 2:173-175 '55.

ROLLING MILLS—ELECTRIC DRIVING
Fainberg, IU. M., and A. B. Zelenov. [Controlling the electric drive of continuous hot rolling mills] Regulirovanie elektroprivoda nepreryvnykh stanov goriachei prokatki. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 239 p.

ROMAN NUMISMATICS see Numismatics, Roman

ROME—AUTOMOBILES—CONGRESSES
Sixth "FISIT" congress. D. Velikanov. Avt. transp. 34 no. 10:36-38 O '56.

ROME—FOREIGN RELATIONS—IBERIA (GEORGIA)
Relations between Iberia and Rome in the first half of the second century [in Georgian with summary in Russian]. M. P. Inadze. Trudy Inst. ist. AN Gruz. SSR 6: 313-328 '55.

ROOFING
How to make slag cement for roof covering. V. Klimenko. MTS 16 no. 10:45 O '56.
New method of roofing during the winter. O. S. Lakhovich. Stroi. pred. neft. prom. 1 no. 8:24-25 O '56.
Shaped sections for asbestos-cement corrugated sheets of reinforced design (VU). S. S. Pan. Stroi. prom. 34 no. 10:38-40 O '56.
Tile and asbestos cement roofing with built-in gutters for multistory apartment houses. I. E. Khlusov. Stroi. prom. 34 no. 11:24-27 N '56.

ROOTS (BOTANY)
Accessory roots and the root system of cedar in the Central Sayans. P. K. Krasil'nikov. Bot. zhur. 41 no. 9: 1194-1206 Ag '56.

ROOTS (BOTANY) (Continued)
Mineral nutrition of plants in connection with the clipping of roots. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:133-145 '48.
Root system of gooseberry bushes. E. A. Ivanova. Sad i og. no. 10:76 O '56.

ROS' VALLEY—GEOLOGY, STRUCTURAL
Geomorphology of the valleys of the Ros' River system. M. F. Veklych. Dop. AN URSR no. 4:380-383 '56.

ROSTOV-ON-DON—ACROBATS AND ACROBATISM
Flight continues. Teatr 17 no. 11:180-181 N '56.

ROSTOV PROVINCE—POULTRY
Large poultry sections in Rostov Province. S. Blagodatov, L. Gubergrits. Sel'. stroi. 11 no. 10:2-3 O '56.

ROSTOV PROVINCE—STATE FARMS
[High yields of grain; experience of Rostov Province collective and state farms] Vysokie urozhai zernovykh; opyt kolkhozov i sovkhozov Rostovskoi oblasti. Rostov-na-Donu, Rostovskoe kn-vo, 1955. 24 p. (DA)

ROTATING AMPLIFIERS
EMU amplidynes. Vest. elektroprom. 27 no. 11:69-71 N '56.

ROTATION OF CROPS
(see also subdivision under White Russia)
Cherepakhin, M. K. [Dense seeding in the rotation of forage crops] Uplotnennye posevy v kormovykh sevooborotakh. Rostov-na-Donu, Rostovskoe kn-vo, 1954. 22 p. (DA)
Crop rotations and land organization on collective farms. M. Gendel'man. Sots. sel'khoz. 27 no. 7:9-17 '56.
Distribution and rotation of crops according to the relief. N. Burikhin. Sots. sel'khoz. 27 no. 7:16-23 '56.
Effect of organic fertilizers in connection with the liming of turf-Podzolic soils and grassland crop rotation. O. K. Kedrov-Zikhkman, T. I. Zenkevich, N. I. Krupen'. Sbor. nauch. trud. Inst. sois, sel'khoz. AN BSSR no. 4: 37-59 '56.

ROUFFIGNAC, FRANCE—CAVE DRAWINGS
"War of the mammoths" at Rouffignac. Françoise Marzolller. V zashch. mira no. 65:60-64 O '56.

ROUSSEAU, THEODORE, 1812-1867
Theodore Rousseau's works and the problem of the realistic French landscape of the 19th century. A. N. Izergina. Trudy Gos. erm. 1:5-33 '56.

ROVNO—EDUCATION, PRESCHOOL
The paths to mastership. N. Alybina, V. Kobozieva. Doshk. vykh. 17 no. 11:23-24 N '56.

ROWAN see subdivision under Volga Valley

RUBBER
Determining caoutchouk and resin in individual koksaghyz roots. Kh. N. Pochinok. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:240-249 '48.
Sorption of binary solutions by natural and synthetic rubber vulcanizates. Part 3. Model analysis of the system polymer solvent-non-solvent [with English summary in insert]. G. L. Starobinets. Zhur. fiz. khim. 30 no. 9:2029-2038 S '56.

RUBBER—ELECTRIC PROPERTIES
Absorption of ultrasonic vibrations considered as a characteristic of the elastic properties of rubber. L. A. Shinianskii, V. N. Solon'ko. Zhur. tekh. fiz. 26 no. 10:2302 O '56.

RUBELLA—DIAGNOSIS
Diagnosis of rubella. L. V. IArovoi. Pediatriia 39 no. 4:50-54 Jl-Ag '56.

RUBIDIUM
Determining small quantities of rubidium in the presence of potassium. N. I. Polevaia, S. L. Mirkina. Inform. sbor. VSEGEI no. 1:123-127 '55.
Rubidium and cesium, their use and production. V. E. Pliushchev, I. V. Shakhno. Khim. nauka i prom. 1 no. 5: 534-539 '56.

RUBIES—MAGNETIC PROPERTIES
Paramagnetic resonance in synthetic ruby. M. M. Zaripov, IU. IA. Shamonin. Zhur. eksp. i teor. fiz. 30 no. 2: 291-295 F '56.

RUGS see subdivision under Glinyany

RULE OF THE ROAD AT SEA
Observance of the Rules of the Road by ships of the North Atlantic herring expedition. S. N. Kovalenko. Ryb. khoz. 32 no. 11:92 N '56.

RUMANIA—COMMERCE—EGYPT
Conclusion of long-term agreement between Rumania and Egypt. Vnesh. torg. 36 no. 10:24 O '56.

RUMANIA—ELECTRIC POWER
Electric power industry of the Rumanian People's Republic. I. P. Oleinik. Elektrichestvo. no. 11:86-88 N '56.

RUMANIA—FOREIGN RELATIONS—RUSSIA
Rumanian government's delegation in Moscow. Sov. Soiuz no. 12:39 D '56.

RUMANIA—FOREST FAUNA
Fauna of Rumania. Horia Verzlatu. Okh. i okh. khoz. no. 11:56-57 N '56.

RUMANIA—MATHEMATICS—CONGRESSES
Congress of Rumanian mathematicians. I. N. Vekua. Vest. AN SSSR 26 no. 11:76-77 N '56.

RUMANIA—MUSIC
Mykhatlov, M. M. [Musical culture of the Rumanian People's Republic] Muzychna kul'tura Rumuns'koi Narodnoi Respubliky. Kyiv, 1956. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 4, no. 11)

RUMANIA—PEASANT UPRISINGS
The Russian Revolution and the rise of the peasant movement in Rumania in 1905-1907. Mikhail Roller. Dokl. i soob. Inst. ist. no. 9:107-120 '56.

RUMANIA—PRECAST CONCRETE CONSTRUCTION
Building abroad. P. Krutov. Stroitel' 2 no. 2:12-13 F '56.

RUMANIA—RURAL ELECTRIFICATION
"Il'ich's lamp." E. Kamilar. Sov. voin 38 no. 16:26 Ag '56.

RUMINANTIA—PARASITES see Parasites—Ruminantia

RUNES
The Old Turkish runic inscriptions from Fergana. A. N. Bernshtam. Epig. Vost. no. 11:54-56 '56.
Podkuninskiy runic inscription. E. R. Rygdylon. Epig. Vost. no. 11:59-62 '56.

RUNNING
(see also subdivision under Moscow)
The forty-fifth anniversary of the relay race. Leg. atl. no. 11:22 N '56.
How to train to become a first class athlete in 800- and 1500-meter races. Leg. atl. no. 11:14-15 N '56.
Owens' 100-meter world record has been bettered. B. L'vov. Leg. atl. no. 11:31-32 N '56.

RUNOFF see subdivision under Dzungarian Ala-Tau

RUPTURE see Hernia

RURAL ELECTRIFICATION see subdivision under Rumania

RURAL LIBRARIES see subdivision 'Libraries, Rural' under Pedosovka

RURAL LIFE see Farm life

RURAL WATER SUPPLY see Water supply, Rural

RUSSIA
Calendar of events. Obz. vazhn. sob. SSSR 3 no. 102:35-38 D '56.

RUSSIA—ARMY
Nikiforov, N., and E. Smirnov. [Be bold and brave] Bud' smelym i otvazhnym. Moskva, Gos. izd-vo detskoi lit-ry Ministerstva prosveshcheniia RSFSR, 1956. 118 p.

RUSSIA—ARMY—ARTILLERY
Artilleriets. O. Kravchenko. Ukraina no. 22:2 N '56.

RUSSIA—ARMY—DEMOBILIZATION
Happy journey, dear friends! Sov. voin 36 no. 16:21 Ag '56.

RUSSIA—COMMERCE
Official department. Vnesh. torg. 26 no. 10:26-30 O '56.

RUSSIA—COMMERCE—IRAN
Russian-Iranian trade relations at the end of the 17th and beginning of the 18th centuries. N. G. Kukanova. Ist. zap. no. 57:232-254 '56.

RUSSIA—COMMERCE—YUGOSLAVIA
Development and consolidation of economic relations between the U. S. S. R. and Yugoslavia [with summary in English, p. 31]. V. Myshkov. Vnesh. torg. 26 no. 10:1-5 O '56.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION
Invigorating force of Soviet democracy. V. Kozlov. Komm. Bel. 29 no. 12:9-18 D '56.
The twentieth anniversary of the constitution. Krest'ianka 35 no. 12:1-3 D '56.

RUSSIA—CULTURE
The cultural revolution in the U. S. S. R. as an achievement of the Great October. I. P. Tereshchenko. Visnyk AN URSR 27 no. 11:19-28 N '56.

RUSSIA—DESCRIPTION AND TRAVEL
A month among the people who march toward the sun. John Vir. Slaviane no. 11:48-52 N '56.

RUSSIA—ECONOMIC CONDITIONS
Bor, M. Z. [Balance sheet of the national economy of the U. S. S. R.; problems in compiling the balance sheet] Balans narodnogo khoziaistva SSSR; voprosy sostavleniia planovogo balansa. Moskva, Gos. izd-vo polit. lit-ry, 1956. 126 p.
Economy and culture of the U. S. S. R. in figures ("National economy of the U. S. S. R.; a statistical collection." Reviewed by N. M. Davydov). Visnyk AN URSR 27 no. 11:55-62 N '56.
Glory to the Great October. Slaviane no. 11:4-6 N '56.
Great achievements in figures and tables. A. Motylev. Tekh. mol. 24 no. 11:2-5 N '56.
In our country's expanses. Ukraina no. 21:2 N '56.
Steep rise in the material welfare of the Soviet people during the postwar period. E. L. Milititskaia. Uch. zap. KIGU 63:89-104 '55.

RUSSIA—ECONOMIC POLICY
Alyshbaev, D. A. [Preferential development of the production of the means of production is the basis for the steady development and perfection of socialist economy on a basis of the highest technology] Preimushchestvennoe razvitie proizvodstva sredstv proizvodstva - osnova nepreryvnogo rosta i sovershenstvovaniia sotsialisticheskoi ekonomiki na baze vysshei tekhniki. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 88 p.
For further development of the national economy of the U. S. S. R. Mekh. sil'. hosp. 7 no. 11:1-2 N '56.
Forward to the communist victory! Okh. i okh. khoz. no. 11:3-5 N '56.
Gladkov, I. A. [From the State Commission for the electrification of the R. S. F. S. R. to the sixth five-year plan] Ot plana GOELRO k planu shestoi piatiletki. Moskva, Izd-vo Akademii nauk SSSR, 1956. 348 p.
In the Council of Technical and Economic Experts of the Soviet State Planning Commission. Plan. khoz. no. 5: 88-89 '56.
Increase the responsibility of planning organs for fulfilling state plans. Plan. khoz. no. 5:3-13 '56.
Leont'ev, L. A. [The fundamental economic task of the U. S. S. R.] Osnovnaia ekonomicheskaia zadacha SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 197 p.
Preparing the pamphlet "Basic principles in planning the Soviet national economy." Plan. khoz. no. 5:91 '56.
Pustovalov, I. S. [Soviet industry in the sixth five-year plan] Promyshlennost' SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no. 2)
Scientific Economics Research Institute of the Soviet State Planning Commission. Plan. khoz. no. 5:90-91 '56.
V. I. Lenin's struggle against the reactionary economic views of liberal populists. P. A. Malakanov. Pratsi kaf. susp. nauk L'viv. un. no. 1:107-110 '54.
Vikent'ev, A. I. [Development of the national economy of the U. S. S. R. in the sixth five-year plan] O razvitii narodnogo khoziaistva SSSR v shestoi piatiletke. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 52)
Zatsepilin, M. F. [The international significance of the Soviet sixth five-year plan; a lecture] Pro mizhnarodne znachennia shostoi radians'koi p'iatyrichky; stenograma publichnoi lektsii. Kyiv, 1956. 39 p. (Tovarystvo dlia poshyrennia politychnykh ta naukovykh znan' Ukrains'koi RSR, Ser. 1, no. 15)
Zimin, A. V. [Industry on a new upswing] Promyshlennost' na novom pod"eme. [Sverdlovsk] Sverdlovskoe kn-vo, 1956. 54 p. (Sverdlovskaia oblast' v shestoi piatiletke)

RUSSIA—EMIGRATION AND IMMIGRATION
Concerning seasonal workers coming from northwestern Iran at the end of the 19th and the beginning of the 20th centuries. N. K. Belova. Vop. ist. no. 10:112-121 O '56.
Rosario Ascona's happiness. IA. IAkovlev. Ogonek 34 no. 48:7 N '56.

RUSSIA—EUROPEAN WAR, 1914-1918
Monopolistic organizations and the Committee on the Metallurgy Industry. K. N. Tarnovskii. Ist. zap. no. 57:80-143 '56.

RUSSIA—FOREIGN ECONOMIC RELATIONS—INDONESIA
Development of Soviet-Indonesian economic relations. Mezhdunar. zhizn' no. 10:116-117 O '56.

RUSSIA—FOREIGN PUBLIC OPINION
Wishful thinking and reality. D. Davydov. Mezhdunar. zhizn' no. 11:104-106 N '56.

RUSSIA—FOREIGN RELATIONS

Dvorkin, I.N. [Peaceful coexistence of socialism and capitalism] O mirnom sosushchestvovanii sotsializma i kapitalizma. Izd, 2-oe, dop. Moskva, Gos. izd-vo polit. lit-ry, 1956. 143 p.

For peace, friendship, and disarmament. Sov. Soiuz no. 12:1-4 D '56.

Grigor'ev, L., and S. Olenev. [The struggle of the Soviet Union for European peace and security (1926-1933)] Bor'ba SSSR za mir i bezopasnost' v Evrope (1925-1933 gg.). Moskva, Gos. izd-vo polit. lit-ry, 1956. 158 p.

Ivashin, I.F. [International relations and the foreign policy of the U.S.S.R. from 1919 to 1935] Mezhdunarodnye otnoshenita i vneshniaia politika SSR v 1919-1935 godakh. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 190 p.
(DAFM)

Respect for sovereignty is a firm principle of Soviet foreign policy. E. Korovin. Mezhdunar. zhizn' no. 11:27-37 N '56.

Samarskii, S. P. [The struggle of the Soviet Union for democratic peace treaties with Italy, Rumania, Bulgaria, Hungary, and Finland] Bor'ba Sovetskogo Soiuza za mirnye demokraticheskie dogovory s Italiei, Rumyniei, Bolgariei, Vengriei i Finliandiei. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 39 p.
DS

The spirit of the times, its friends and enemies. Mezhdunar. zhizn' no. 10:3-8 O '56.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

Representatives of the friendly Afghan people in the U.S.S.R. Ogonek 34 no. 45:5 N '56.

Soviet-Afghan friendship. Mezhdunar. zhizn' no. 11: 125-126 N '56.

RUSSIA—FOREIGN RELATIONS—BIBLIOGRAPHY see Bibliography—Russia—Foreign relations

RUSSIA—FOREIGN RELATIONS—GERMANY

Norden, Albert. [Between Berlin and Moscow; history of German-Soviet relations] Mezhdu Berlinom i Moskvoi; k istorii germano-sovetskikh otnoshenii. Perevod s nemetskogo V. Baia i dr. Moskva, Izd-vo inostrannoi lit-ry, 1956. 410 p. illus.
(NNC)

RUSSIA—FOREIGN RELATIONS—GREAT BRITAIN

Activity of the Russian government's committee in London during the First World War (1914-1917). D. S. Babichev. Ist. zap. no. 57:276-292 '56.

[N. A. Bulganin's and N. S. Khrushchev's visit to England, April 18-27, 1956] Prebyvanie N. A. Bulganina i N. S. Khrushcheva v Anglii (18-27 aprelia 1956 goda). Moskva, Gos. izd-vo polit. lit-ry, 1956. 86 p.

RUSSIA—FOREIGN RELATIONS—JAPAN

Normalization of Soviet-Japanese relations. Kommentator. Mezhdunar. zhizn' no. 11:73-82 N '56.

RUSSIA—FOREIGN RELATIONS—RUMANIA

Rumanian government's delegation in Moscow. Sov. Soiuz no. 12:39 D '56.

RUSSIA—FOREIGN RELATIONS—TURKEY

Participation of the Ottoman Empire in the intervention against Soviet Russia in 1918. A. M. Shamsutdinov. Uch. zap. Inst. vost. 14:163-196 '56.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

Correspondence between the U.S.S.R. and the U.S. on the atomic problem. Mezhdunar. zhizn' no. 10:129-148 O '56.

RUSSIA—INDUSTRIES

Increase profitableness and economize on material expenditures in production. V. Levchuk. Fin. SSSR 17 no. 11:8-15 N '56.

RUSSIA—MANUFACTURES

The character of prereform manufacture in Russia. I. V. Kuznetsov. Vop. ist. no. 10:60-71 O '56.

Concerning the unprofitableness of producing consumers' goods at heavy-industry enterprises. V. Stepanova, L. El'iashev. Fin. SSSR 17 no. 11:67-70 N '56.

Development of light and food industries in the sixth five-year plan. N. Tarasov. Plan. khoz. no. 5:55-67 '56.

How we study the demand of purchasers. N. Busygin. Sov. torg. no. 10:11-13 O '56.

Signal is given! We are receiving answers! Tekh. mol. 24 no. 11:25 N '56.

RUSSIA—MECHANICS

Outline of the history of mechanics in Russia in the second part of the 19th century and in the beginning of the 20th century (from 1861-1917). A. T. Grigor'ian, L. S. Polak. Trudy Inst. ist. est. i tekh. 16:85-163 '56.

RUSSIA—NATIONALITIES

The most important current events. Obz. vazhn. sob. SSSR 3 no. 100:37-42 N '56.

RUSSIA—NAVY

Chief petty officers train sailors through example. K. Golovanov. Sov. mor. 16 no. 17:13 S '56.

No sooner said than done. E. Dneprov. Sov. mor. 16 no. 17:8-9 S '56.

Pitarskii, N. A. [Know your navy; manual for members of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy] Znai flot; pamiatnaia knizhka chlena DOSAAF. Moskva, Izd-vo DOSAAF, 1956. 229 p.

"Seamen gunners." M. Patrikeitsev. Reviewed by K. Ivanov. Sov. mor. 16 no. 17:9 S '56.

RUSSIA—POLITICS AND GOVERNMENT

The cause of October lives and is victorious. Kommunist 33 no. 15:3-12 O '56.

Chronicle of events. Obz. vazhn. sob. SSSR 3 no. 101: 41-47 N '56.

Chronicle of events; Dec. 1-15, 1956. Obz. vazhn. sob. SSSR 3 no. 103:36-38 D '56.

Chronological index of events; October 16-31, 1956. Obz. vazhn. sob. SSSR 3 no. 100:43-45 N '56.

Chronological index of events; September 28-October 15, 1956. Obz. vazhn. sob. SSSR 3 no. 99:39-41 N '56.

Crisis on the boundaries of Soviet foreign and domestic policies. N. IA. Galai. Obz. vazhn. sob. SSSR 3 no. 101: 1-17 N '56.

[Gazette of the Supreme Soviet of the U.S.S.R.] Vedomosti Verkhovnogo Soveta SSSR 20 no. 2 Ja '57.

Great strength of the Soviet system. M. Shafir. Mol. komm. 14 no. 11:21-30 N '56.

Important current events. A. I. Lebed'. Obz. vazhn. sob. SSSR 3 no. 101:35-40 N '56.

Important current events; Nov. 27-Dec. 15, 1956. A. I. Lebed'. Obz. vazhn. sob. SSSR 3 no. 103:29-35 D '56.

Krupnyts'kyi, B. [Federalism in Eastern Europe; reflections on G. von Rauch's work "Russia, state unity and national diversity"] Federalizm na skhodi Evropy; rozdumuvannia z pryvodu pratsi G. F. Ravkha "Rosiia, derzhavna iednist' i natsional'ni svoieridnosti." Paryzh, Vyd. Pershoi ukrains'koi drukarni u Frantsii, 1956. 35 p.

Most important current events. A. I. Lebed'. Obz. vazhn. sob. SSSR 3 no. 102:29-33 D '56.

Russia (1923- U.S.S.R.) Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the U.S.S.R., fourth convocation; fifth session (July 11-16, 1956). Stenographic report] Zasedaniia Verkhovnogo Soveta SSSR, chetvertogo sozyva; piataia sessiia (11-16 iiulia 1956 g.) Stenograficheskii otchet. [Moskva] 1956. 395 p.

Since that October forty years have gone by. Mol. komm. 14 no. 11:3-8 N '56.

Soviet democracy and its further development. F. Burlatskii. Slaviane no. 11:7-10 N '56.

Suslov, M. A. [Thirty-ninth anniversary of the Great October Socialist Revolution] 39-ia godovshchina Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Gos. izd-vo polit. lit-ry, 1956. 31 p.

The tsarist government's relations with monopolies. T. D. Krupina. Ist. zap. no. 57:144-176 '56.

RUSSIA—POPULATION

The social structure of the population of the Soviet Union and its national republics in the light of a new statistical collection. IU. P. Mironenko. Obz. vazhn. sob. SSSR 3 no. 102:1-18 D '56.

RUSSIA—RELATIONS (GENERAL) WITH AUSTRIA

In Austria today. P. Efimov. Sov. pech. no. 11:49-51 N '56.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

Chinese guests in the U.S.S.R. Ogonek 34 no. 49:6 D '56.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Friendship forever. Ogonek 34 no. 49:1 D '56.

Inviolable friendship of the peoples of Czechoslovakia and the U.S.S.R. G. Tikhonov. Blok. ogit. no. 34: 41-4 of cover D '56.

RUSSIA—RELATIONS (GENERAL) WITH EGYPT

For Egypt's people. Sov. Soiuz no. 12:4 D '56.

RUSSIA—RELATIONS (GENERAL) WITH EUROPE, EASTERN

The most important current events. Obz. vazhn. sob. SSSR 3 no. 100:37-42 N '56.

RUSSIA—RELATIONS (GENERAL) WITH FINLAND

Ambartsumov, E. A. [Soviet-Finnish relations] Sovetsko-finliandskie otnoshenita. Moskva, Gos. izd-vo polit. lit-ry, 1956. 103 p.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Our guests. Rabotnitsa 34 no. 12:9-10 D '56.

RUSSIA—RELATIONS (GENERAL) WITH GERMANY, EAST

Reception for German peace partisans. Sov. Soiuz no. 12:30 D '56.

Twenty-five thousand kilometers through the Soviet Union. Gustav Simon. Sov. pech. no. 11:52-54 N '56.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

In the interests of the peoples. Hardi. Ogonek 34 no. 45:14 N '56.

Voices of friends (introduction). A. Surkov. Inostr. lit. no. 11:3-4 N '56.

RUSSIA—RELATIONS (GENERAL) WITH INDONESIA

Soviet pilots on a visit to President Sukarno. Ogonek 34 no. 48:3 N '56.

RUSSIA—RELATIONS (GENERAL) WITH ITALY

Cordiality from all the people; Italian women on the Soviet Union. Sov. zhen. 12 no. 12:46 D '56.

RUSSIA—RELATIONS (GENERAL) WITH JAPAN

Japanese guests. Teatr. 17 no. 10:106 O '56.

RUSSIA—RELATIONS (GENERAL) WITH NETHERLANDS

Guests from Holland. Sov. mor. 16 no. 17:22 S '56.

RUSSIA—RELATIONS (GENERAL) WITH NORWAY

We are friends. A. IAkovleva. Vozhatyi 32 no. 11:20-22 N '56.

RUSSIA—RELATIONS (GENERAL) WITH OTHER COUNTRIES

Visit in the Soviet Union of the delegation of geologists and mining engineers from countries of Asia and the Far East. Razved. i okh. nedr 21 no. 6:62-63 N-D '55.

RUSSIA—RELATIONS (GENERAL) WITH POLAND

Friendship evening of the Polish and Soviet peoples. Slaviane no. 11:61 N '56.

Month of the friendship between the Soviet and Polish peoples. Zhovten' 6 no. 11:125-127 N '56.

RUSSIA—RELATIONS (GENERAL) WITH SWITZERLAND

Swiss journalists visit us. M. Semenov. Sov. pech. no. 11:47-49 N '56.

RUSSIA—RELATIONS (GENERAL) WITH UNITED STATES

History of Russo-American scientific relationships; 18th-19th century documents from the Archives of the Academy of Sciences of the U.S.S.R. M. I. Radovskii. Vest. AN SSSR 26 no. 11:93-101 N '56.

RUSSIA—RELATIONS (GENERAL) WITH YUGOSLAVIA

Guests from Yugoslavia. Sov. zhen. 12 no. 12:10 D '56.

Our countries are friends. P. Jakšić. Ogonek 34 no. 45:14 N '56.

Yugoslav guests on the "Rossiia" Collective Farm. N. Ivanov. Slaviane no. 11:54-56 N '56.

RUSSIA—REVOLUTION, 1917-1921

The crisis of April, 1917. G. N. Golikov, IU. S. Tokarev. Ist. zap. no. 57:35-79 '56.

The first day of the revolution. V. Bonch-Bruevich. Biurozka 33 no. 11:1-3 N '56.

Food assessment as a very important factor in the policy of war communism. Z. V. Kutsentova. Nauch. zap. Len. fin.-ekon. inst. no. 6:26-52 '55.

The Great October and the liberation struggle of the Czechoslovak people. K. Gogina. Slaviane no. 11:57-60 N '56.

More about Bolshevik tactics in March and April, 1917. E. N. Burdzhalov. Vop. ist. no. 8:109-114 Ag '56.

Polish revolutionary army under the banner of October (to be concluded). P. Golub. Slaviane no. 11:17-23 N '56.

To young friends. G. I. Petrovskii. IUnost' no. 11:60-61 N '56.

Unfading glory of those days. Ogonek 34 no. 45:2-3 N '56.

RUSSIA—REVOLUTION, 1917-1921—HISTORY

Development of the history of the October revolution. G. Golikov. Kommunist 33 no. 15:44-58 O '56.

RUSSIA—REVOLUTION OF 1905

Akademiia nauk SSSR. Bashkirskii filial, Ufa. Institut istorii, iazyka i literatury. [On the 50th anniversary of the first Russian revolution; papers at a scientific session] K 50-letiiu pervoi russkoi revoliutsii; materialy nauchnoi sessii. Ufa, Bashkirskoe kn-vo, 1956. 146 p.

The All-Russian political strike and the soviets of workers' deputies. L. M. Ivanov. Dokl. i soob. Inst. ist. no. 9:7-17 '56.

Dubrovskii, S.M. [Peasant movements during the revolution of 1905-1907] Krest'ianskoe dvizhenie v revoliutsii 1905-1907 gg. Moskva, Izd-vo Akademii nauk SSSR, 1956. 166 p. (Nauchno-populiarnaia serila)

Influence of the first Russian revolution on the development of the revolutionary struggle in Germany. Leo Stern. Dokl. i soob. Inst. ist. no. 9:121-129 '56.

Influence of the Russian Revolution of 1905-1907 on the revolutionary struggle of the Hungarian people. Peter Hanak. Dokl. i soob. Inst. ist. no. 9:94-106 '56.

Joint struggle of the Baltic and Russian peoples in the Revolution of 1905-1907. J. P. Krastins. Dokl. i soob. Inst. ist. no. 9:64-79 '56.

Joint struggle of the workers of Poland and Russia against autocracy and for national and social liberation. T. Daniszewski. Dokl. i soob. Inst. ist. no. 9:80-93 '56.

Liadov, M.N. [The Party during the period 1903-1907; recollections] Iz zhizni partii v 1903-1907 godakh; vospominaniia. Moskva, Gos. izd-vo polit. lit-ry, 1956. 222 p.

"Outline history of the U. S. S. R. The First Russian bourgeois democratic revolution of 1905-1907." Reviewed by M. I. Grishina, V. N. Firstova. Vop. ist. no. 6:154-156 Ag '56.

The peasant movement of 1905-1907. S. M. Dubrovskii. Dokl. i soob. Inst. ist. no. 9:16-30 '56.

The peasant movement of 1905-1907 in the central Chernozem guberniyas. P. N. Abramov. Ist. zap. no. 57:303-311 '56.

Raud, V.M. [Economic antecedents of the first Russian revolution of 1905-1907] Ekonomicheskie predposylki pervoi russkoi revoliutsii 1905-1907 gg. [Leningrad] Izd-vo Leningradskogo univ., 1956. 116 p.

The Russian Revolution and the rise of the peasant movement in Rumania in 1905-1907. Mikhail Roller. Dokl. i soob. Inst. ist. no. 9:107-120 '56.

The Russian Revolution of 1905-1907 and the rise of the revolutionary movement in France. A. Z. Manfred. Dokl. i soob. Inst. ist. no. 9:130-144 '56.

Struggle of the Bolsheviks in 1905 to isolate the liberal bourgeoisie in connection with the reactionary Bulygin Duma. D. D. Zorin. Nauch. zap. Len. fin. -ekon. inst. no. 8:3-25 '55.

Vladimirskii, N.A. [The Bolshevik press in the period of the first Russian revolution of 1905-1907] Bol'shevistskaia pechat' v period pervoi russkoi revoliutsii 1905-1907 godov. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 53 p.

A word of introduction. A. L. Sidorov. Dokl. i soob. Inst. ist. no. 9:5-6 '56.

RUSSIA—SOCIAL CONDITIONS

Six brief interviews. S. Fridliand. Ogonek 34 no. 45:13 N '56.

We, the Soviet people. Ogonek 34 no. 49:2-3 D '56.

RUSSIA—STATISTICS

Russian social and economic statistics at the beginning of the 19th century (1800-1820). B. G. Ploshko. Nauch. zap. Len. fin. -ekon. inst. no. 9:55-93 D '56.

RUSSIA—TREATIES

Russia (1923- U. S. S. R.) Treaties, etc. [Collection of existing treaties, agreements and conventions concluded between the U. S. S. R. and foreign governments] Sbornik deistvuiushchikh dogovorov, soglashenii i konventsii, zakliuchennykh SSSR s inostrannymi gosudarstvami. Moskva, Gos. izd-vo polit. lit-ry.

No. 13. [Existing treaties, agreements, and conventions which went into effect between January 1, 1947 and December 31, 1948] Deistvuiushchie dogovory, soglasheniia i konventsii, vstupivshie v silu mezhdu 1 ianvaria 1947 goda i 31 dekabria 1948 goda. 1956. 494 p.

RUSSIA—VIEWS

[Moscow - IAlta] Moskva-IAlta. [Moskva, Izogiz, 1956] 24 post cards (in portfolio)

RUSSIA, NORTHERN

From the editor. Uch. zap. Len. un. no. 116:3-6 '50.

RUSSIA, NORTHERN—ARCHAEOLOGY

The contribution of Soviet archaeology to the study of the past of the peoples of the North. A. P. Okladnikov. Uch. zap. Len. un. no. 116:22-37 '50.

RUSSIA, NORTHERN—CIVILIZATION

List of conference reports. Uch. zap. Len. un. no. 116: 215-217 '50.

RUSSIA, NORTHERN—CUCUMBERS

Means of lowering the cost of producing early vegetables in the Far North. G. V. Artem'ev. Sad i og. no. 10: 23-27 O '56.

RUSSIA, NORTHERN—ECONOMIC CONDITIONS

Beyond the polar circle. Ukraina no. 21:3 N '56.

Our North. Mikh. Il'in. Mol. komm. 14 no. 11:52-61 N '56.

RUSSIA, NORTHERN—EDUCATION

Basic problems of the Soviet schools of the peoples of the North. F. F. Krongauz. Uch. zap. Len. un. no. 115: 135-140 '50.

RUSSIA, NORTHERN—HISTORY—HISTORIOGRAPHY

Historical study of the peoples of the North. S. V. Bakhrushin. Uch. zap. Len. un. no. 115:7-21 '50.

RUSSIA, NORTHERN—PUBLIC HEALTH—HISTORY

Notes of the hygiene and living conditions among the first settlers of the Russian North. N. A. Bogolavlenskii. Fel'd. i akush. 21 no. 11:29-33 N '56.

RUSSIA, NORTHERN—TOMATOES

Means of lowering the cost of producing early vegetables in the Far North. G. V. Artem'ev. Sad i og. no. 10:23-27 O '56.

RUSSIA, NORTHWESTERN—APPLE—VARIETIES

Michurin apple varieties in Northwestern U. S. S. R. V. Karamysheva. Sad i og. no. 10:41-42 O '56.

RUSSIA, SOUTHERN—VOLCANIC ASH, TUFF, ETC.

Volcanic ashes from the loess layers of the southern European part of the U. S. S. R. I. D. Sedletskii, V. P. Anan'ev. Dokl. AN SSSR 110 no. 3:445-448 S '56.

RUSSIAN DRAMA

The story of a play. Teatr 17 no. 11:186 N '56.

RUSSIAN DRAMA—COMPETITIONS

All-Russian contest for the best contemporary play. Teatr 17 no. 11:160 N '56.

RUSSIAN DRAMA—HISTORY AND CRITICISM

Thoughts about the national theater. L. Varshavskii. Sov. Kazakh. 22 no. 10:115-119 O '56.

RUSSIAN DRAMA (COMEDY)—HISTORY AND CRITICISM

Laughter is not a funny matter; on satirical comedy. L. Lazarev. Teatr. 17 no. 10:74-82 O '56.

RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

Kolokol'tsev, N.V., and Ch'oe Ch'ang-gil. [A literary reader in the Russian language for class 6 in Korean schools] Kniga po literaturnomu chteniiu na russkom iazyke; dlia 6 klassa koreiskikh shkol. Izd. 2-oe, ispr. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 248 p.

Kolokol'tsev, N.V., and Ch'oe Ch'ang-Gil. [A literary reader in the Russian language for class 7 in Korean schools] Kniga po literaturnomu chteniiu na russkom iazyke; dlia 7 klassa koreiskikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 246 p.

RUSSIAN LANGUAGE—DIALECTS

Akademiia nauk SSSR. Kazanskii filial. Institut iazyka, literatury i istorii. [Papers on dialectology] Materialy po dialektologii. Kazan', Tatknigoizdat, 1955. 186 p.

RUSSIAN LANGUAGE—DICTIONARIES—ABAZIN

[Russian-Abazin dictionary. About 30,000 words. With a brief sketch of the grammar of the Abazin language] Russko-abazinskii slovar'. Okolo 30,000 slov. S prilozheniem kratkogo grammaticheskogo ocherka abazinskogo iazyka. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei, 1956. 646 p.

RUSSIAN LANGUAGE—DICTIONARIES—AZERBAIJANI

"Russian-Azerbaijani dictionary." Reviewed by Dzhalal Mamedov. Lit. Azerb. 14 no. 11:94-96 N '56.

[Russian-Azerbaijani dictionary] Rusǎha-azǝrbaičhancha lüǧǝt. Enidǝn islilǝnmish vǝ mǝkmilliǝshdirilmish ikinchi nǝshri. [2. ed., rev.] Baky, Azǝrbaičhan SSR elmlǝr Akademiiasynyn nǝshriiiaty.

Vol. 1. A - N. 1956. 728 p.

RUSSIAN LANGUAGE—DICTIONARIES—BASHKIR

Akademiia nauk SSSR. Bashkirskii filial, Ufa. Institut istorii, iazyka i literatury. [Russian-Bashkir and Bashkir-Russian dictionary of botanical terms] Terminologicheskii slovar' po botanike, russko-bashkirskii i bashkiro-russkii. Sost. N. Urazmetov, pod red. T. Baisheva. Ufa, Bashgosizdat, 1952. 129 p.

(NNC)

RUSSIAN LANGUAGE—DICTIONARIES—BULGARIAN

Semenova, L.P., and V.V.Savost'ianov, comps. [Concise Bulgarian-Russian and Russian-Bulgarian dictionary of foreign trade terms] Kratkii bolgarsko-russkii i russko-bolgarskii vneshneiorgovyi slovar'. Moskva, Vneshtorgizdat, 1956. 235 p.

RUSSIAN LANGUAGE—DICTIONARIES—TURKMEN

[Russian-Turkmen dictionary] Russko-turkmenskii slovar'. Pod obshchei red. N.A. Baskakova i M.IA.Khamzaeva. 50,000 slov. Moskva, Gos.izd-vo inostrannykh i natsional'nykh slovarei, 1956. 880 p.

RUSSIAN LANGUAGE—GRAMMAR

Romanovskii, A.V. [A textbook of the Russian language for class 4 of the Korean elementary schools] Uchebnik russkogo iazyka; dlia 4-go klassa koreiskikh nachal'nykh shkol. Izd. 3-e, perer. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 315 p.

RUSSIAN LANGUAGE—MORPHOLOGY

Prokopovich, N.N., and N.S.Pospelov. [The study of morphology in secondary schools; a manual for teachers] Izuchenie morfologii v srednei shkole; posobie dlia uchitelei. Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 343 p.

RUSSIAN LANGUAGE—NOUN

Barinova, E.A. [Studying nouns in class 5; a manual for teachers in secondary schools] Izuchenie imen sushchestvitel'nogo v V klasse; v pomoshch' uchiteliu srednei shkoly. Izd. 2-oe, ispr. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 117 p.

RUSSIAN LANGUAGE—PHONETICS

Timofeeva, L.V. Lesson plans on the topic "Phonetics"; class 5] Pourochnye plany po teme "Fonetika"; V klass. Pod red. G.P.Firsova. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 31 p. (Pedagogicheskie chtenila)

RUSSIAN LANGUAGE—STUDY AND TEACHING

(see also subdivision under Leningrad Province; Uzbekistan)

Kvitinskii, N.M. [Speech development by means of lessons in reading literature in non-Russian schools; a manual for teachers in seven-year schools] Razvitie rechi na urokakh literaturnogo chteniia v nerusskoi shkole; posobie dlia uchitelei semiletnikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 203 p.

Solov'eva, O.I. [Methods of developing speech and teaching the native language in kindergartens; for preschool pedagogical institutes] Metodika razvitiia rechi obucheniia rodnomu iazyku v detskom sadu; dlia doshkol'nykh pedagogicheskikh uchilishch. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 173 p.

RUSSIAN LANGUAGE—TRANSLATION

"Syntactic problems in translations from the Russian into Turkmen" by A. Annanurov. Reviewed by N. N. Klimenko. Izv. AN Turk. SSR no. 5:89-94 '56.

RUSSIAN LITERATURE—AUDIO-VISUAL INSTRUCTION

Rozenblat, G. G. [Pictures used in literature lessons for classes 5-7 of secondary schools] Kartina na urokakh literaturnogo chteniia v V-VII klassakh srednei shkoly; iz opyta uchitelia. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 86 p.

RUSSIAN LITERATURE—COLLECTIONS

Sholigran, Z.N., Kh.F.Khalidova, and R.D.Stavskaia. [A Russian language reader for non-Russian groups in high schools of Uzbekistan] Kniga dlia chteniia po russkomu iazyku; dlia nerusskikh grupp vysshikh uchebnykh zavedenii Uzbekskoi SSR. Tashkent, Gos. uchebno-pedagog. izd-vo UzSSR, 1955. 345 p.

A year's work on a new anthology for class 6 ("Literature of the homeland." Reviewed by M. S. Gogoteva). Lit. v shkole 17 no. 6:47-53 N-D '56.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Change in the role ascribed to Soviet literature. A. Gaev. Obz. vazhn. sob. SSSR 3 no. 100:3-16 N '56.

Critic and Bolshevik ("Literary and critical articles" by V. V. Vorovskii. Reviewed by N. Pliushev.) Oktiabr' 33 no. 1:189-191 N '56.

Discussion of the article "Some aspects of the history of Russian social thought." Vop. ist. no. 10:195-197 O '56.

Emotional world of the hero. Z. Guseva. Oktiabr' 33 no. 11:173-181 N '56.

"History of Russian literature," vol. 8, pt. 2. Reviewed by N. Gaidenkov. Lit. v shkole 17 no. 6:83-86 N-D '56.

Legacy of a Bolshevik critic ("Articles of literary criticism." V. V. Vorovskii. Reviewed by Emilila Popova). Zhovten' 6 no. 11:120-124 N '56.

Life and books. Nikolai Rovenskii. Sov. Kazakh. 22 no. 4:103-108 Ap '56.

On literature. Ch'ü Ch'iu-po. Inostr. lit. no. 11:228-231 N '56.

The "Ostromir Chronicle." B. A. Rybakov. Vop. ist. no. 10:46-50 O '56.

Serebrianskii, M. I. [Literary sketches] Literaturnye ocherki. Izd. 3-e. Moskva, Sovetskii pisatel', 1956. 264 p.

Simonov, K.M. [Literary subjects; articles, 1937-1955] Na literaturnye temy; stat'i, 1937-1955. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 352 p.

Socialist realism and its present-day features. Ant. Adamovich. Belaruski zbornik 5:144-177 '56.

Those who join the ranks. N. Rovenskii. Sov. Kazakh. 22 no. 10:105-111 O '56.

RUSSIAN LITERATURE - HISTORY AND CRITICISM (Continued)

Treatment of current problems and craftsmanship, K. Kurova. Sov. Kazakh. 22 no. 9:114-119 S '56.

The Voskresensk Chronicle. V. V. Lapiev. Uch. zap. Ped. inst. Gerts. 102:165-239 '55.

RUSSIAN LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Russian Literature—History and criticism

RUSSIAN LITERATURE—STUDY AND TEACHING (see also subdivision under Sal'sk)

The form and topics of written work in literature in advanced classes. M. Shil'nikova. Lit. v shkole 17 no. 6:84-87 N-D '56.

Index of articles in "Literatura v shkole" in 1956. Lit. v shkole 17 no. 6:94-96 N-D '56.

The mutual relationships between general surveys and the study of individual tutors in an 18th and 19th century literature course. M. G. Kachurian, M. A. Shneerson. Lit. v shkole 17 no. 6:33-47 N-D '56.

Spasskaia, K.P., and S.G.Shpet. [Practical instructions for teaching literature in class 10; teachers' manual] Metodicheskie ukazaniia k prepodavaniiu literatury v X klasse; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1955. 302 p.

Vorob'ev, P.G. [Lessons in literature for class 5] Uroki literaturnogo chteniia v V klasse. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 250 p. (Pedagogicheskaia biblioteka uchitelia)

Vorob'ev, P. G. [Studying folk literature in class 5 of the secondary schools; teacher's manual] Izuchenie ustnogo narodnogo tvorchestva v V klasse srednei shkoly; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, 1956. 77 p. (Iz opyta uchitelia)

[Work practice of a literature teacher; a collection of articles] Iz opyta raboty uchitelia literatury; sbornik statei. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenila RSFSR, Leningradskoe otd-nie, 1956. 102 p.

RUSSIAN LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES—BIBLIOGRAPHY see Bibliography—Russian literature—Translations from foreign languages

RUSSIAN NEWSPAPERS

Contributions of V. I. Lenin to local Bolshevik newspapers in 1917. Kh. Astrakhan. Sov. pech. no. 11:9-10 N '56.

In the struggle for Soviet power. A. Belkov. Sov. pech. no. 11:4-8 N '56.

RUSSIAN NEWSPAPERS—HISTORY

Belkov, A. K. [Party and Soviet press during the years of foreign military intervention and civil war (1918-1920)] Partiinaia i sovetskaia pechat' v gody inostrannoi voennoi interventsii i grazhdanskoi voiny (1918-1920 gg.) Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 38 p.

Berezhnoi, Aleksandr. [History of the Party and the Soviet press; significance of V. I. Lenin's works "Editorial statement of 'Iskra'" and "With what shall we begin" in the history and practice of the Party and the Soviet press] K istorii partiino-sovetskoi pechati; znachenie rabot V. I. Lenina "Zaiavlenie redaktsii "Iskry" i "S chego nachat'?" v istorii i praktike partiino-sovetskoi pechati. [Leningrad] Izd-vo Leningradskogo univ., 1956. 116 p.

Vladimirskii, N.A. [The Bolshevik press in the period of the first Russian revolution of 1905-1907] Bol'shevistskaia pechat' v period pervoi russkoi revoliutsii 1905-1907 godov. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 53 p.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles.] Letopis' gazetnykh statei no. 49 '56.

[Chronicle of newspaper articles.] Letopis' gazetnykh statei nos. 50-51 '56.

RUSSIAN OPERA see subdivision 'Opera, Russian' under Milan

RUSSIAN PERIODICALS

Zaslavskii, D.I. [The democratic journal "Otechestvennye zapiski."] Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 51 p.

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos. 50-52 '56.

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei no. 1 '57.

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos. 2-4 '57.

RUSSIAN PHYSICISTS see Physicists, Russian

RUSSIAN PLATFORM—AMMONIDEA

Note on the discovery of Ammonoidea in the lower Kazanian deposits of the Russian Platform. B. K. Likharev. Inform. sbor. VSEGEI no. 1:114 '55.

RUSSIAN PLATFORM—ARTESIAN WELLS

Prominent foci of underground water discharge on the Russian Platform. A. M. Ovchinnikov. Biul. MOIP, Otd. geol. 31 no. 3:111-112 My-Je '56.

RUSSIAN PLATFORM—BELEMNITES

Ecology of upper Jurassic belemnites of the Russian Platform. V. A. Gustomesov. Biul. MOIP, Otd. geol. 31 no. 3:113-114 My-Je '56.

RUSSIAN PLATFORM—CORALS, FOSSIL

Tetracoralla and Tabulata of the Russian Platform. K. A. Ermakova. Biul. MOIP, Otd. geol. 31 no. 4:110-111 Jl-Ag '56.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Comparative characteristics of Pre-Eifelian deposits of the central and eastern regions of the Russian Platform. B. S. Sokolov. Trudy VNIGRI no. 95;36-88 '56.

Devonian deposits of the southeastern region of the Tokmovskiy anticline and some problems in the history of the Russian Platform. S. V. Tikhomirov. Biul. MOIP, Otd. geol. 31 no. 4:106-107 Jl-Ag '56.

Some geochemical evidence on conditions of the formation of deposits of the Devonian basin in the northwestern region of the Russian Platform. T. I. Kazmina, Z. L. Maimin, IU. N. Petrova. Trudy VNIGRI no. 95; 497-510 '56.

Some problems in the zonal stratigraphy of upper Cretaceous deposits of the Russian Platform. D. P. Naidin. Uch. zap. Mosk. un. no. 176:17-24 '56.

Stratigraphic contents of the Sinaen system in the northeastern sector of the Russian Platform. A. I. Krivtsov. Inform. sbor. VSEGEI no. 1:24-26 '55.

Stratigraphy of Jurassic deposits in the southwestern region of the Russian Platform. V. I. Slavin. Biul. MOIP. Otd. geol. 31 no. 3:107-108 My-Je '56.

Stratigraphy of lower Triassic deposits of the Russian Platform. L. I. Borovikov. Inform. sbor. VSEGEI no. 1:5-12 '55.

Structure of the crystalline base of the Russian Platform according to data of deep boring and of regional geophysical investigation. E. E. Fotiadi. Dokl. AN SSSR 110 no. 3:440-443 S '56.

Vsesoiuznoe soveshchanie po razrabotke unifitsirovannoi skhemy stratigrafii mezozoiskikh otlozhenii Russkoi platformy, 1954. [Proceedings of the All-Union Conference on the Development of a Uniform System of Stratigraphy of Mesozoic Deposits of the Russian Platform] Trudy... Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956. 383 p.

RUSSIAN PLATFORM—MINERALOGY

Mineralogical characteristics of rocks in the Yasnaya Polyana substage of the lower Carboniferous in central regions of the Russian Platform. N. S. Il'ina, L. M. Levina. Trudy VNIGNI no. 7:62-72 '56.

RUSSIAN PLATFORM—WATER, UNDERGROUND

Significance of dynamics in the formation of underground waters of the Russian Platform. M. A. Gatal'skii. Trudy VNIGRI no. 95:232-242 '56.

RUSSIAN POETRY

[Poetry day] Den' poezii. [Moskva] Izd-vo "Moskovskii rabochii," 1956. 206 p.

RUSSIAN POETRY—HISTORY AND CRITICISM

Seek and find! Aleksandr Lemberg. Sov. Kazakh. 22 no. 10:111-115 O '56.

Tvorogov, L.A. [The literary activity of Joseph, a priest of the Spaso-Mirozhskii Monastery, supposedly the commissioner of the Pskov copy of the text of "The tale of Igor's expedition" in the 13th century] K literaturnoi deiatel'nosti presvitera Spaso-Mirozhskogo monastyria Iosifa, predpolagaemogo zakazchika pskovskoi kopii teksta "Slova o polku Igoreve" XIII veka. Pskov, Oblpoligrafizdat, 1946. 19 p. (MH)

Tvorogov, L.A. [New evidence of the Pskov provenance of the original Musin-Pushkin copy of the text of "The tale of Igor's expedition"] Novoe dokazatel'stvo pskovskogo proiskhozhdeniia neposredstvennogo originala Musin-Pushkinskogo spiska teksta "Slova o polku Igoreve." Pskov, [Pskovskaia Pravda] 1949. 60 p. (MH)

RUSSIAN SOCIAL DEMOCRATIC PARTY see subdivision under White Russia

RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES

Piaskova'kyi, A. V. [First (Tammerfors) Conference of the Russian Social Democratic Party] Persha (Tammerfors'ka) konferentsiia RSDRP. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1956. 43 p. (Z'izdy i konferentsii KPRS)

RUSSIAN SOCIAL DEMOCRATIC PARTY—HISTORY

Liadov, M.N. [The Party during the period 1903-1907; recollections] Iz zhizni partii v 1903-1907 godakh; vospominaniia. Moskva, Gos. izd-vo polit. lit-ry, 1956. 222 p.

RUZAYEVKA DISTRICT—TILLAGE

Tillage for sowing the fourth crop on virgin and waste lands. Kh. Kh. Siundiukov, N. F. Onisko. Dokl. Akad. sel'khoz. 21 no. 11:3-6 '56.

RYABUSHKI—COMMUNITY CENTERS

Evening devoted to special problems in a club. D. Burliuk. Sots. kul't. 0 no. 10:10-11 O '56.

RYAZAN—EDUCATION—STUDY AND TEACHING

A pedagogical institute's relation with schools and its assistance to teachers. Sov. pedag. 20 no. 12:121-122 D '56.

RYAZAN—THEATER

When poetry comes to the theater. N. Velekhova. Teatr 17 no. 11:108-116 N '56.

RYAZAN PROVINCE—AGRICULTURE—STUDY AND TEACHING

Organization of summer practical courses in agriculture by schools of Ryazan Province. A. N. Pal'tsova. Est. v shkole no. 6:56-65 N-D '56.

RYAZANTSEVO DISTRICT—AGRICULTURE—STUDY AND TEACHING

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 11:73-75 N '56.

RYBAKOV, KONST'ANTIN NIKOLAEVICH, 1850-1916

Nikolai and Konstantin Rybakov. A. Klinchin. Teatr. 17 no. 10:189-191 O '56.

RYBAKOV, NIKOLAI KHRISAN'OVICH, 1811-1876

Nikolai and Konstantin Rybakov. A. Klinchin. Teatr. 17 no. 10:189-191 O '56.

RYBINSK DEPRESSION—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Devonian deposits in the Rybinsk Depression. E. N. IAnov. Inform. sbor. VSEGEI no. 1:70-81 '55.

RYE

(see also subdivision under Mstislavl' District; White Russia)

Causes of winter crop failure in the non-Chernozem zone of the U. S. S. R. N. S. Avdonin, E. V. Kuzina. Uch. zap. Mosk. un. no. 180:5-18 '56.

Comparing various methods of crossing winter rye. K. P. Garina. Uch. zap. Mosk. un. no. 180:151-159 '56.

Oxidation enzymes in the seeds and germs of certain agricultural plants. P. A. Vlasiuk, Z. M. Klimovyts'ka. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN UkSSR no. 1/2:221-229 '46.

Results of studying certain conditions and methods of wheat and rye pollination. G. V. Proklunevich-Poskonina. Uch. zap. Mosk. un. no. 180:167-176 '56.

RYE—DISEASES AND PESTS

Rye smut and measures for its control. P. V. Pak. Kolkh. Bel. 4 no. 8:34 Ag '56.

RZEV DISTRICT—STONE

"Giant's shoe." D. V. Kravchenko. Ogonek 34 no. 46:31 N '56.

SABAEAN INSCRIPTIONS see Inscriptions, Sabaean

SABLER, VASILII FEDOROVICH

Views of V. F. Sabler on progressive paralysis. D. D. Fedotov. Zhur. nevr. i psikh. 56 no. 10:834-838 O '56.

SABLES see subdivision under Barguzin Range

SACROCOCCYGEAL REGION—TUMORS

Case of resection of a giant dermoid cyst of the sacrum and coccyx. S. E. Vlasenko. Ortop., travm. i protez. 17 no. 1:68 Ja-F '56.

ST. LOUIS—AUTOMOBILES—CONGRESSES

At the conference of the automobile section of S. A. E. E. Kuznetsov. Avt. transp. 34 no. 10:36 O '56.

SAKHALIN—GEOLOGY, STRATIGRAPHIC

"Stratigraphy of Tertiary deposits of Sakhalin" by S. N. Alekseichik, I. N. Kuzina, I. I. Ratnovskii. Reviewed by E. M. Smekhov, V. N. Kirkinskaia. Biul. MOIP. Otd. geol. 31 no. 4:81-84 Jl-Ag '56.

SAKHALIN—OAK

Occurrence of Quercus crispula Blume in Sakhalin. S. M. Kravchenko. Bot. zhur. 41 no. 8:1184-1186 Ag '56.

SAKHALIN—PETROLEUM GEOLOGY

Geochemical study of sedimentary rocks of the Katangli oil field in northern Sakhalin. N. N. IUrganov. Trudy VNIGRI no. 95:511-520 '56.

SAKHAROV, MIKHAIL ALEKSEEVICH

Three quarters of a century with a camera. Sov. Soius no. 12:32 D '56.

SAKHNOVSHCHINA DISTRICT—SWINE BREEDING

We have doubled the production of pork. N. H. Kantsedal. Sots. tver. 28 no. 11:10-13 N '56.

SAKSAHANS'KYI, PANAS, pseud. see Tobilevych, Panas Karpovich, 1859-1940

SAKSAUL
Natural seeding of black saksaul by winged and wingless seeds. A. M. Rupanov. Izv. AN Turk. SSR no. 4:75-79 '56.

SALINE SOILS see subdivision 'Alkali lands' under Donets Basin; Ural Valley

SALINITY
Antipov, S.V., and V.V.Spengler. [Prevention and control of salinity and swamping in irrigated lands] Preduprezhdenie i bor'ba s zasoleniem i zabolachivaniem oroshaemykh zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 168 p.

SALIVA
Age factor in salivation in young pigs. A. I. Arkhipovets. Fiziol. zhur. 42 no. 10:882-886 O '56.

SALIVONKI—SUGAR INDUSTRY
Sugar. S. Nov. Ukraina no. 22:20 N '56.

SALMONELLA CHLORAESUIS
Electronmicroscope analysis of high-frequency sound effect on Bact. suipestifer. A. P. Pokhov. Biul. eksp. biol. i med. 42 no. 10:48-49 O '56.

SALMONELLA
Disinfection of meat infected by Salmonella. I. A. Artiukh, A. G. Ostashevskii, E. I. Gurova. Shor. trud. Khar'. vet. inst. 21:211-218 '56.

SALMONELLA ENTERITIDIS
(see also subdivision under Tashkent)
Salmonella enteritidis Jena in laboratory and domestic animals; abstract. K. F. Kalinina. Vop. kraev. pat. no. 4:39 '54.

SALSK—RUSSIAN LITERATURE—STUDY AND TEACHING
Literary evening "Meeting Pavel Korchagin." M. Altunova. Lit. v shkole 17 no. 6:91-92 N-D '56.

SALSK STEPPE—SHRIKES
On the ecology of the lesser gray shrike (Lanius minor) in forest plantations of the Salsk Steppe [with English summary in insert]. N. A. Rashkevich. Zool. zhur. 35 no. 9:1370-1383 S '56.

SALT
Apparatus for the electrolysis of an aqueous solution of table salt. I. A. Novikov. Khim. v shkole 11 no. 6:41-42 N-D '56.
Solubility of NaCl at 110 atm in superheated steam of once-through boilers. G. I. Aleinikov and others. Teploenergetika 3 no. 12:10-14 D '56.
Structural characteristics of deposits of present-day halite. M. G. Valiashko. Min. sbor. no. 5:65-74 '51.
Thermo-optical bleaching technique for the investigation of NaCl. AgCl trapping centers. Ch. B. Lushchik and others. Zhur. eksp. i teor. fiz. 30 no. 2:403-404 F '56.

SALT—PHYSIOLOGICAL EFFECT
Standard portions of common salt in feeding swine. I. IA. Tyts'kyi. Sots. tvar. 28 no. 11:26-27 N '56.

SALT—SPECTRA
Natural vibration spectra of NaCl taking ion deformation into account. K. B. Tolpygo, I. M. Zaslavs'ka. Ukr. fiz. zhur. 1 no. 3:226-244 Jl-S 56.

SALT INDUSTRY
Salt. L. Davydov. Kreat'ianka 35 no. 12:21-22 D '56.

SALTS—ELECTRIC PROPERTIES
Electric conductivity of binary salt melts, as dependent on concentration. B. F. Markov, L. A. Shumina. Dokl. AN SSSR 110 no. 3:411-413 S '56.

SALTS, SOLUBLE
Application of the least squares method to the derivation equations for crystallization volumes of five-component systems of water-soluble salts. N. I. Timokhina. Trudy SAGU no. 40:33-37 '53.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889
Criticism of religion in the works of M. E. Saltykov-Shchedrin. V. IA. Kirpotin. Vop. ist. rel. i ateiz. no. 4:120-136 '56.

SALVES see Ointments

SAMANIDS see subdivision under Fergana

SAMUR-DIVICHI CANAL REGION—MOTHS
Lepidoptera, injurious to shelterbelt trees and shrubs in the Samur-Divichi Canal regions and measures for their control. Report no. 2. L. M. Akhundova-Tusova. Uch. zap. AGU no. 1:75-80 '56.

SAMUR-DIVICHI CANAL REGION—RED SPIDER
Mites of the genus Tetranychus injurious to forest shelterbelt trees and shrubs of the Samur-Divichi Canal regions. Report no. 3. S. O. Khalilova. Uch. zap. AGU no. 7:85-90 '55.

SANATORIUMS
The role of feldshers in sanatoria and health resorts. P. E. Morozov. Fel'd. i akush. 21 no. 11:27-28 N '56.

SAND
Mechanized storage yard for sand at mortar plants. Rats. i izobr. predl. v stroi. no. 136:8-9 '56.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii i mekhanizatsii stroitel'stva. [Hydraulic methods of concentrating and grading sand and gravel] Obogashchenie i sortirovka peska i gravlia gidravlicheskim sposobom. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 76 p.
Problem of using barkhan sands for concrete. I. P. Moskal'tsevo. Trudy TASHIIT no. 5:234-240 '56.

SANDATA—EDUCATION, ELEMENTARY
Work practice in a Sandata one-room school. I. Egorov. Nar. obr. no. 11:46-51 N '56.

SANDBLAST
Cleaning façades by the method of sandblasting. A. B. Urevich. Arkhit. i stroi. Len. no. 3:45 S '56.

SANDOMIERZ REGION—SILICA
Electron microscopy of Polish silica from deposits in the Sandomierz region. E. A. Luont'ev, V. M. Luk'ianovich, Z. IA. Sokul'skii. Izv. AN SSSR. Otd. khim. nauk no. 10: 1168-1170a O '56.

SANITARY ENGINEERING
Sanitary installations in large-block apartment houses. I. S. Liber. Arkhit. i stroi. Len. no. 3:19-20 S '56.
Sanitary installations of the new stadium. S. D. Dubrovkin. Gor. khoz. Mosk. 30 no. 9:27-31 S '56.

SARATOV—DORMITORIES
Dormitory for young builders. I. Petrov. Stroitel' 2 no. 2:24-25 F '56.

SARATOV—ORTHOPEDIA
Achievements of the Saratov Scientific Research Institute of Reconstructive Surgery and Orthopedics during the period 1940-1955. IA. N. Rodin, A. A. Krylov. Ortop., travm. i protez. no. 5:69-71 S-O '55.

SARATOV PROVINCE—AGRICULTURE
Agricultural zones of Saratov Province. M. M. Afanas'eva. Sel'khoz. Povol. no. 10:19-21 O '56.

SARATOV PROVINCE—SHEEP BREEDING
Rotation breeding increases the productivity of sheep. E. S. Sholepov. Ovtsevodstvo no. 11:23-25 N '56.

SARY-SU VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy, facies, and tectonics of Devonian and lower Carboniferous deposits in the Sary-Su-Mointy interfluvial region of central Kazakhstan. S. E. Kolotushkina. Trudy Inst. geol. nauk no. 101:1-68 '48.

SAUDI ARABIA—ARCHAEOLOGY
"On the trail of Sheba in Saudi Arabia" [in French] by G. Ryckmans. Reviewed by A. G. Lundin. Epig. Vost. no. 11:95-96 '56.

SAVCHENKO, IVAN DANILOVICH
Ivan Savchenko, section chief. I. Aleksandrov. Mast. ugl. 5 no. 10:17-18 O '56.

SAVINGS BANK
(see also subdivision under Zaporozh'ye)
For basic improvement in the operation of savings banks. V. Kruglov, L. Katu. Fin. SSSR 17 no. 11:36-47 N '56.

SAVVAITOV, ALEKSANDR SERGEEVICH, 1870-1956
In memory of Professor A. S. Savvaitov. Vest. oft. 39 no. 5:44-45 S-O '56.

SAWS
Portable face milling saw. Stroitel' 2 no. 8:14 Ag '56.
Portable saw frame. D. Potapenko. Muk.-elev. prom. 22 no. 10:27-28 O '56.
Safety device for disk saws. Stroitel' 2 no. 8:14 Ag '56.

SAXSAUL see Saksaul

SAYAN MOUNTAINS—CEDAR
Accessory roots and the root system of cedar in the Central Sayans. P. K. Krasil'nikov. Bot. zhur. 41 no. 8: 1194-1206 Ag '56.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Paleontologic data for determining the age of Cambrian deposits in the western part of the Eastern Sayan. L. N. Repina. Dokl. AN SSSR 110 no. 2:269-272 S '56.
Stratigraphy of pre-Cambrian deposits of the western part of the Eastern Sayan. M. A. Semikhatov, V. V. Khomentovskii. Dokl. AN SSSR 110 no. 2:273-275 S '56.

SCABIES
Demodectic mange in dogs and main methods for its treatment. V. A. Sokolovskii. Shor. trud. Khar'. vet. inst. 22:310-315 '54.
Functional state of the reticuloendothelial system in X-ray therapy of mange in dogs. A. I. Malinin, L. A. Konovalenko. Shor. trud. Khar'. vet. inst. 22:178-187 '54.
Treating dogs for mange. G. V. Tikhonov, P. N. Krasheninnikov. Veterinariia 33 no. 12:34-35 D '56.
Treatment of mange. V. Laptev. Kreat'ianka 35 no. 12: no. 12:32 D '56.

SCAFFOLDING
Moscow. Gosudarstvennyi proektnyi institut Promstroiproekt. [Album of drawings of boltless scaffolds made of metal pipe for masonry and finishing work] Al'bom chertezhei metallicheskikh trubchatykh bezboltovykh lesov dlia kamennykh i otdelochnykh rabot. Izd. 2-oe. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 48 p.
Safety measures. A. Baranov. Stroitel' 2 no. 2:30 F '56.
Stock scaffoldings for large block building. M. Zaidler, F. Zotov. Stroitel' 2 no. 8:15 Ag '56.

SCALDS see Burns and scalds

SCALE INSECTS see subdivision under Georgia

SCALES (WEIGHING INSTRUMENTS)
Improve the quality of A-25 truck scales. IA. Kolobov. Muk.-elev. prom. 22 no. 10:29 O '56.
Scales for determining transpiration by weighing twigs. N. P. Krasulin, S. A. Mishin. Bot. zhur. 41 no. 8: 1145-1150 Ag '56.
Semiautomatic beam scales for packing dry foods. Sov. torg. no. 11:40 N '56.

SCARLET FEVER
Changes in arterial blood pressure in children who have had scarlet fever. M. K. Oskolkova. Pediatriia 39 no. 4:84 Jl-Ag '56.
Clinical and epidemiologic observations of recurrent scarlet fever. I. V. Sharlai and others. Pediatriia 39 no. 4:14-17 Jl-Ag '56.
Course of scarlet fever in infants according to data from a hospital for infectious pediatric diseases for 1951-1952. A. IA. Ponomareva. Pediatriia 39 no. 4:83-84 Jl-Ag '56.
Dynamics of the excretion of tyrosine in scarlet fever. T. I. Koshechkina. Pediatriia 39 no. 4:84 Jl-Ag '56.
Peculiarities of higher nervous activity in children during different stages of scarlet fever. E. Kh. Ganiushina. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:282-290 '56.
Relapses in scarlet fever. Zh. M. Lopatina. Pediatriia 39 no. 4:11-14 Jl-Ag '56.
Repeat cases of scarlet fever. M. D. Buianovskaia. Pediatriia 39 no. 4:83 Jl-Ag '56.
Scarlet fever today and leading problems in its control. M. G. Danilevitch, E. M. Zhagulo, O. M. Kurileva. Pediatriia 39 no. 4:3-10 Jl-Ag '56.
Significance of penicillin and other factors in the etiology of recurrent scarlet fever. L. A. Berzina, O. E. Mauerman. Pediatriia 39 no. 4:17-22 Jl-Ag '56.

SCARLET FEVER—PREVENTIVE INOCULATION see subdivision under Uzbekistan

SCHEERERITE see subdivision under Taman' Peninsula

SCHISM
"Schism of churches" in 1054. M. IA. Sluzhumov. Vop. ist. no. 9:44-57 Ag '56.

SCHIZOPHRENIA
Information about the Second International Psychiatric Congress. Zhur. nevr. i psikh. 56 no. 10:843-844 O '56.

SCHOLARS, AMERICAN
Promising scholars; by permission from "Fortune." Amerika no. 3:20-21 '56.

SCHOOL AND COMMUNITY see Community and school

SCHOOL AND HOME see Home and school

SCHOOL CONTESTS
All-Union contest for the best visual aid. V. Kulichenko. Prof.-tekh. obr. 13 no. 11:29 N '56.

SCHOOL EXCURSIONS
Excursions and walks in the forest in wintertime. Z. D. Sizenko. Doshk. vosp. 20 no. 11:39-43 N '56.

SCHOOL FINANCE see Education—Finance

SCHOOL GARDENS
Kivotov, S.A. [Practical work in school garden plots; a manual for students of classes 5-6 in secondary schools] Prakticheskie zaniatiia na shkol'nom uchebno-opytnom uchastke; posobie dlia uchashchikhsia V-VI klassov srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 142 p.
(DA)
Ulin, LL, ed. [Experience of schools in growing corn; a collection of articles] Opyt shkol po vyrashchivaniiu kukuruzy; sbornik statei. Moskva, Ministerstvo prosveshcheniia RSFSR, 1955. 237 p.
(DA)

SCHOOL HYGIENE
Fierov, G.V. [School hygiene; manual for pedagogical institutes] Shkol'naia gigiena; uchebnik dlia shkol'nykh pedagogicheskikh uchilishch. Izd. 3-e, Pod red. S. E. Sovetova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1955. 186 p.

SCHOOL LIBRARIES see subdivision under Riga

SCHOOL MANAGEMENT AND ORGANIZATION
(see also subdivision under Smolenskoye District)
The role of traditions in training the student body. I. Drits. Nar. obr. no. 10:26-32 O '56.

SCHOOL SOCIAL WORK
Form more afterschool groups. Nar. obr. no. 10:18-19 O '56.

SCHOOLHOUSES
(see also subdivision under Denmark; Sweden)
Building schoolhouses using large blocks. L. P. Orentlikher, K. B. Ezdrin. Nov. tekh. i pered. op. v stroi. 18 no. 5:19-23 My '56.

SCHOOLHOUSES—HEATING AND VENTILATION see subdivision under Ashkhabad

SCHOOLS see subdivision under Taganrog; United States

SCHOOLS—COMPETITIONS see School contests

SCHOOLS—FINANCE see Education—Finance

SCIENCE
Curious facts. Tekh. mol. 24 no. 11:30 N '56.
Science and technology. Vsem. stud. nov. 10 no. 9/10: 31 S-O '56.
Tsereteli, S. B. [The nature of the laws of science] O prirode zakonov nauki. Tbilisi, Gosizdat Gruzinskoi SSR, 1956. 163 p. [In Georgian.]

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—STUDY AND TEACHING
[General science instruction in the school; the practice of teachers] Politekhnicheskoe obuchenie v shkole; iz opyta raboty uchitelei. [Saratov] Saratovskoe kn-vo, 1955. 134 p.
Regional conference of railroad schoolteachers. T. V. Aleksakhina. Est. v shkole no. 6:75 N-D '56.

SCIENCE, SOCIAL see Social science

SCIENCE AND RELIGION see Religion and science

SCIENCE FICTION
Professor Bern's awakening. Vl. Savchenko. Tekh. mol. 24 no. 11:33-36 N '56.

SCIENTIFIC APPARATUS AND INSTRUMENTS
Brief news. Zav. lab. 22 no. 9:1125-1126 '56.
For field works on ichthyology [with English summary in insert]. V. A. Kravchuk. Zool. zhur. 35 no. 9:1419-1420 S '56.

SCIENTIFIC MANAGEMENT see Industrial management

SCINTILLATION COUNTERS
Luminescent chamber. E. K. Zavoiskii and others. Atom. energ. no. 4:34-37 '56.

SCINTILLATION SPECTROSCOPY
Use of the FEU-12 in scintillation spectroscopy. IU. A. Nemilov. Atom. energ. no. 4:51-56 '56.

SCRAPERS
Device for automatic cleaning of wheels of the D-147 scraper of sticking earth. Rats. i izobr. predl. v stroi. no. 140:18-20 '56.
Using reserve tractors in performing earthwork with scrapers. Rats. i izobr. predl. v stroi. no. 140:11-12 '56.

SCREW CUTTING
Investigating the process of cutting high-precision internal threads. A. N. Nikitin. Trudy MAI no. 70: 84-112 '56.
Manufacturing and measuring precision lead screws used on lathes. S. V. Livshits. Stan. i instr. 27 no. 10:10-14 O '56.
Principles of kinematics involved in threading by two rollers (axial shifts). I. M. Shif. Trudy Ural. politekh. inst. no. 60:149-170 '56.

SCREW THREADS
Investigating the effect of defects in tight thread components on forces exerted in screwing and on the quality of thread engagements. S. N. Zakharov. Trudy MAI no. 70:113-142 '56.
Quality of the thread surfaces formed by two rollers. I. M. Shif. Trudy Ural. politekh. inst. no. 50:171-193 '56.

SCREWS
Dies with inserts for upsetting slotted screw heads. A. I. Kogan. Stan. i instr. 27 no. 10:39 O '56.

SCREWS, THEORY OF
Application of helical computations to the addition and factoring of motions of solid bodies. V. F. Kotov. Uch. zap. Ped. inst. Gerts. 125:207-216 '56.
Helical binors and their applications. S. G. Kislitsyn. Uch. zap. Ped. inst. Gerts. 125:165-188 '56.

SCROLLS (DECORATIVE DESING) see subdivision under Dead Sea

SCYPHOMEDUSAE
Difference in the rate of metamorphosis of the anterior of posterior halves in the planulae of scyphomedusae. Dokl. AN SSSR 110 no. 3:473-475 S '56.

SEA see Ocean

SEA WATER see subdivision under Bering Sea

SEALS (ANIMALS)
Hunting seals. G. Orlov. Okh. i okh. khoz. no. 11:26-27 N '56.

SEARCHLIGHTS
Investigation of ellipsoidal reflectors of searchlight signals. L. T. Belova. Svetotekhnika 2 no. 6:17-19 N '56.
Principal aberration of cover glasses of paraboloidal form for searchlights. M. G. Mal'gin. Svetotekhnika 2 no. 6:14-17 N '56.

SECHENOV, IVAN MIKHAILOVICH, 1829-1905
Ivan Mikhailovich Sechenov. R. G. Liudkovskaia. Biofizika 1 no. 1:5-9 '56.

SECOND BAKU—PETROLEUM—ANALYSIS
Relation of the sulfur content to the total composition of Second Baku oils. A. K. Karimov. Trudy VNIGRI no. 95:384-396 '56.

SECTS
Uzkov, I. N. [What is sectarianism in religion?] Chto takoe religioznoe sektantstvo. Moskva, Izd-vo "Znanie," 1956. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, no. 49)

SEDIMENTATION AND DEPOSITION
(see also subdivision under Amu Darya)
Channel bottom sedimentation. A. N. Gostunskii. Vop. gidr. no. 1:87-92 '55.
Controlling sedimentation in hydraulic installations with the aid of curved sand traps. I. K. Nikitin. Vop. gidr. no. 1:137-150 '55.
Degrees of channel protection from river sedimentation. I. A. IAkshtas. Vop. gidr. no. 1:125-127 '55.
Measuring particle size in aqueous dispersions of polymers. G. I. Gordon. Za. lab. 22 no. 9:1079-1080 '56.
Movement of clayey suspensions in channels. S. Kh. Abal'iants. Vop. gidr. no. 1:93-99 '55.
Natural moisture content, carbonates, and organic matter of deposits as indicators of sedimentation conditions. T. I. Gorshkova. Trudy Inst. okean. 17:141-147 '56.
Washout of sedimentation in hydraulic installations. A. M. Mukhamedov. Vop. gidr. no. 1:101-112 '55.

SEEDLINGS
Zhuravlev, I. I., and L. A. Sofian. [Practical instructions for controlling lodging of seedlings in nurseries] Prakticheskie ukazaniia po bor'be s poleganiem sejantsev v pitomnikakh. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 43 p. (Nauchno-populiarnaia serila, no. 4) (DA)

SEEDS
Effect of fertilizers applied to the maternal plants of grain crops on the productive capacity of the seeds produced. E. M. Movsesian. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:39-52 '55.
For every collective farm a high-quality seed supply. MTS 16 no. 10:1-3 O '56.
"Physiology of seeds" by W. Crocker, L. Barton. Reviewed by M. G. Nikolaeva. Bot. zhur. 41 no. 8: 1227-1229 Ag '56.
Preparing seeds for spring sowing is an urgent task. A. S. Ivanov. Sel'khoz. Povol. no. 10:22-25 O '56.
Uptake of substances by seeds from leaves of various tiers [with English summary in insert]. L. P. Zhdanova. Fiziol. rast. 3 no. 5:448-454 S-O '56.
Using radioactive phosphorus and sulfur isotopes for determining hereditary qualities in seeds. S. A. Mamaev. Les. khoz. 9 no. 11:40-43 N '56.

SEEDS—GERMINATION see Germination

SEEKATZ, JOHANN CONRAD, 1719-1768
Johann Conrad Seekatz and his paintings in the Hermitage collection. A. N. Izergina. Trudy Gos. erm. 1:222-237 '56.

SEGHER, GERARD, 1591-1651
New identification of Gerard Segher's painting. I. V. Linnik. Trudy Gos. erm. 1:167-177 '56.

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC WAVES
Intensity of reflected waves in a laminar nonhomogeneous elastic medium. A. S. Alekseev, N. V. TSepelev. Izv. AN SSSR. Ser. geofiz. no. 9:1021-1035 S '56.
Propagation of elastic waves in sand. N. V. TSareva. Izv. AN SSSR. Ser. geofiz. no. 9:1044-1053 S '56.
A radial method for computing the intensity of wave fronts. V. M. Babich. Dokl. AN SSSR 110 no. 3:355-357 S '56.
Some interference phenomena in media containing thin horizontal-parallel layers. Part I. G. I. Petrashen', V. A. Enal'skii. Izv. AN SSSR. Ser. geofiz. no. 9: 1009-1020 S '56.

SEISMOLOGY
(see also subdivision under Turkmenistan)
Determining the condition of refractive and diffractive surfaces of the earth's crust by angular anomalies of the seismic ray. O. D. Gotsadze. Izv. AN SSSR. Ser. geofiz. no. 9:1107-1113 S '56.
Intensity of reflected waves in a laminar nonhomogeneous elastic medium. A. S. Alekseev, N. V. TSepelev. Izv. AN SSSR. Ser. geofiz. no. 9:1021-1035 S '56.

SELENIUM
Production and use of selenium and tellurium. A. A. Solovushkov, L. A. Sosinskova, M. E. Ezernitskaia. Khim. nauka i prom. 1 no. 5:543-547 '56.

SELENIUM COMPOUNDS
Gallium arsenic selenides. N. A. Goriunova, V. S. Grigor'eva. Zhur. tekh. fiz. 26 no. 10:2157-2161 O '56.

SELENIUM CRYSTALS—ELECTRIC PROPERTIES
Changes in the electrical conductivity of selenium polycrystals subjected to pressures up to 30,000 atm. P. T. Kozyrev, D. N. Nasledov. Dokl. AN SSSR 110 no. 3:397-398 S '56.

SEL'KUPY see Ostiaks

SEL'SKII, VLADIMIR ALEKSANDROVICH, 1883-1951
In memory of Vladimir Aleksandrovich Sel'skii. S. I. Subbotin. Min. sbor. no. 5:375-376 '51.

SEMEN
Importance of antibiotics, sulfa drugs and vitamins in preserving semen. I. I. Sokolovskaia and others. Izv. TSKhA no. 2:193-214 '56.
Preserving sperm under refrigeration and its effect on the sex ratio in the offspring of rabbits. S. S. Chernina. Dop. AN URSR no. 4:408-413 '56.

SEMENOV, ANDREI
Andrei Semenov's verse and poems ("Northeast by Andrei Semenov. Reviewed by N. Rovenskii, E. Shik. Sov. Kazakh. 22 no. 9:119-122 S '56.

SEMICONDUCTORS
(see also subdivision under Leningrad)
$Bi_2Te_3$ - $Bi_2Se_3$ solid solutions used as a material for thermoelements. S. S. Sinani, G. N. Gordiakova. Zhur. tekh. fiz. 26 no. 10:2398-2399 O '56.
Effect of illumination on the modulation of conductivity of semiconductors in the external electric field. V. I. Liashenko, N. S. Chorna. Dop. AN URSR no. 4:334-335 '56.
Gallium arsenic selenides. N. A. Goriunova, V. S. Grigor'eva. Zhur. tekh. fiz. 26 no. 10:2157-2161 O '56.
In a semiconductor plant. I. Borisova. Radio no. 11:6-7 N '56.
Kinetics of bipolar photoelectromotive force in semiconductors with metal electrodes. E. I. Kaplunova, K. B. Tolpygo. Zhur. tekh. fiz. 26 no. 10:2166-2180 O '56.
Resistance of metal to semiconductor contacts at high-contact potential differences. N. A. Gozhenko, IU. M. Altaiskii. Zhur. eksp. i teor. fiz. 30 no. 2:401-402 F '56.
Theory of $A^{III}B^{V}$-type semiconductors. A. I. Gubanov. Zhur. tekh. fiz. 26 no. 10:2176-2178 O '56.
Theory of atomic semiconductors. A. G. Samoilovich, V. M. Kondratenko. Zhur. eksp. i teor. fiz. 31 no. 4: 606-608 O '56.
Theory of metal-semiconductor contacts. S. U. Umarov, L. G. Gurvich. Trudy FTI AN Uz. SSR 6:20-33 '55.
Theory of metal-semiconductor contacts. S. U. Umarov, L. G. Gurvich. Zhur. tekh. fiz. 26 no. 10:2179-2184 O '56.
Theory of the Hall and Nernst effects in the semiconductors with an admixture zone. M. I. Klinger, V. G. Novikova, V. N. Agarkova. Zhur. tekh. fiz. 26 no. 10:2185-2194 O '56.

SEMICONDUCTORS—MAGNETIC PROPERTIES
Theory of isothermal galvano- and thermomagnetic phenomena in semiconductors. F. G. Bass, I. M. TSidil'kovskii. Zhur. eksp. i teor. fiz. 31 no. 4:672-683 O '56.

SEMIPALATINSK—BUILDING
Semipalatinsk. M. Lur'e. Stroitel' 2 no. 8:8-10 Ag '56.

SENSE ORGANS—INSECTS
Color sense of insects; on the book "Bees, their vision, smell, taste, and tongue" by K. Frish. G. A. Mazokhin-Porshniakov. Biofizika 1 no. 1:99-108 '56.
Position change of ocelli in larvae of p. Rhithrogena (Ephemeroptera) during postembryonic development. A. A. Sadovskii. Trudy Zool. inst. AN Gruz. SSR 14:261-266 '56.

SENSE ORGANS—WORMS
Sensitivity of leeches to various external influences. S. A. Rostovshchikov. Trudy AN Tadzh. SSR 21:59-64 '54.

SEPARATORS (MACHINES)
Butter. M. Butnikov. Ukraina no. 32:26 N '56.
Complete automatic control of the AF-10 electric separator unit. A. V. Petrenko, I. I. Tselikovskii. Energetik 4 no. 11:26-28 N '56.

SEPTICEMIA
Effect of X rays on the formation of an autoinfection focus. N. G. Averkiiev, A. G. Artemova. Med. rad. 1 no. 4:35-41 Jl-Ag '56.
Peculiarities of specific prevention of bacterial toxemias in acute radiation sickness. P. N. Kruglov, E. V. Kurepova. Med. rad. 1 no. 4:31-35 Jl-Ag '56.

SERBINENNIKOVA, EVDOKHIA GRIGOR'EVNA, 1896-
Evdokhiia Grigor'evna Serebrennikova. IA. L. Zlatkin. Med. sestra 15 no. 11:25-26 N '56.

SERFDOM see subdivision under Ural Mountain region

SERGEL, JOHAN THORIAN, 1740-1814
Three busts by J. T. Sergel. A. E. Krol'. Trudy Gos. ermi. 1:254-262 '56.

SERICULTURE see subdivision under Soviet Central Asia

SERIES
Some Tauberian theorems for double series. I. E. Ogievetskii. Dokl. AN SSSR 111 no. 3:530-533 N '56.

SERIES, FOURIER'S see Fourier's series

SERPENTINITE
Serpentinites as magnesium fertilizers. M. M. Manaeva. Uch. zap. 1 no. 1:36-40 N '56.

SERPENTS see subdivision under Kazakhstan

SERUM
Effect of prolonged use of horses for the production of therapeutic and prophylactic serums on the tonus of their cardiovascular system. P. M. Mikhailichenko. Sbor. trud. Khar'. vet. inst. 22:308-317 '54.
Factors of immune reactivity in animals. P. N. Kosiakov, M. N. Ivanikova. Biul. eksp. biol. i med. 42 no. 10: 49-53 O '56.
New method of preparing serum from the blood of donors with conservation of the globular mass for transfusions. A. G. Arbuzov, P. M. Orlenko, S. A. Lukasev. Vop. perel. krovi. 4:299-309 '55.
Relationship between serum titer and the method of injecting dysentery antigens. V. D. Kucherenko. Lab. delo 2 no. 6:12-14 N-D '56.
Studying methods for the prevention of anaphylactic reactions in transfusions of sterile heterogeneous serum preparations. V. N. Krasnobaeva-Ignatieva, M. I. Chernenko. Vop. perel. krovi. 4:97-104 '55.

SERUM DIAGNOSIS
Experimental study of sero-diagnosis of encephalomyelitis in horses. M. V. Ilova, K. V. Shmakin. Sbor. trud. Khar'. vet. inst. 21:319-325 '56.

SERUM THERAPY
Clinical observations of transfusions of heterogeneous serum. Preliminary report. I. M. Maltsakin. Vop. perel. krovi. 4:188-191 '56.
Using normal horse serum as a tissue therapy preparation. N. V. Makhaevskii. Sbor. trud. Khar'. vet. inst. 22:408-410 '54.

SERVICE STATIONS
Youth in machine shops and laboratories. B. Kuprianov. Tekh. mol. 24 no. 11:19 N '56.

SERVOMECHANISMS
Criteria for the steady operation of two-phase asynchronous servomotors [with English summary in insert]. E. I. Shepushkin. Avtom. i telem. 17 no. 11:1030-1038 N '56.

SESSHU, DOYE, 1430-1506
In memory of the Japanese painter Doye Sesshu. Inform. biul. Dep. kul't. sv. i sagr. Min. kul't. i prop. KNDR 4 no. 10:4 S '56.

SETS, THEORY OF see Aggregates

SEVAN REGION--SOILS
Some agrochemical characteristics of the exposed sandy bottom soils of Lake Sevan. V. L. Ananian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:81-93 O '56.

SEX (BIOLOGY)
Determining sex in day-old chicks. D. S. Nikol'skii. Pitisevodstvo 6 no. 11:44-47 N '56.

SHABANY, I.
Highly recommended. N. Kuz'min. Sov. Kazakh. 22 no. 5:126-127 My '56.

SHAFRANOVSKII, ILARION ILARIONOVICH, 1905-
Works of professor I. I. Shafranovskii. D. P. Grigor'ev, E. K. Lazarenko. Min. sbor. no. 10:369-372 '56.

SHAFT SINKING
Matkovskii, A. L. [Progressive methods of sinking vertical shafts and new shafting machinery] Peredovye metody prokhodki vertikal'nykh stvolov i novye prokhodcheskie agregaty. Moskva, Ugletekhizdat, 1956. 46 p.

SHAFTS AND SHAFTING
Standard technical operations in machining stepped shafts. L. A. Krugliak. Stan. i instr. 27 no. 10:14-16 O '56.

SHAGINIAN, MARIETTA SERGEEVNA, 1888-
Margarian, A. [Marietta Shaginian; her career] Marietta Shaginian; tvorcheskii put'. Erevan, Armianskoe gos. izd-vo, 1956. 153 p.

SHAIN, G. A.
Naming the new telescope in the Crimean observatory after G. A. Shain. Vest. AN SSSR 26 no. 11:100 N '56.

SHAKESPEARE, WILLIAM, 1564-1616
Shakespeare in Russian. Ink. kino no. 10:103-100 O '56.

SHAKHRISYABZ DISTRICT--COTTON GROWING
Unusual enthusiasm. Sots. Uz. 15 no. 10:4 O '56.

SHALE
Effect of monilite shales on the growth, physiological and biochemical processes, and productivity of agricultural plants. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN USSR no. 9:88-98 '55.

SHANGHAI--DESCRIPTION
Five cities of China; memoranda from a notebook (conclusion). Vadym Sobko. Ukraina no. 21.24-26 N '56.
Trip to China. Askol'd Birtukov. Dal'. Vost. 24 no. 5: 145-158 S-O '56.

SHANTUNG PROVINCE--BAUXITE
Bauxite deposits of Tse-Po. Yeh Chih-cheng. Min. sbor. no. 10:328-334 '56.

SHAO TZU-NAN
Szechwan stories ("Siy Chao carried the lamp"[in Chinese] by Shao Tzu-nan. Reviewed by A. Tishkov). Inostr. lit. no. 11:257-258 N '56.

SHARVIN, VASILI VASIL'EVICH, 1870-1930
Vasilii Vasil'evich Sharvin. V. V. Kozlov. Trudy Inst. ist. est. i tekh. 12:265-311 '56.

SHAUMIAN, STEPAN GEORGIEVICH, 1878-1918
Correspondence between V. I. Lenin and S. G. Shaumian on the nationalities problem. G. S. Akopian. Vop. ist. no. 8:3-14 Ag '56.

SHAW, GEORGE BERNARD, 1856-1950
The second period in B. Shaw's works. I. Anisimov. Inostr. lit. no. 11:102-103 N '56.

SHCHAPOV, N. P., 1896-
A great railroad engineer; 60th birthday of Professor N. P. Shchapov. Vest. TSNII MPS 16 no. 1:50 Ag '56.

SHCHEGLOVA, MARIIA ALEKSANDROVNA
Mariia Aleksandrovna Shcheglova. Z. A. Grinberg. Med. sestra 15 no. 11:24-25 N '56.

SHCHEKINO--CERAMIC INDUSTRIES
Mechanism for hoisting ceramic pipes. S. M. Melamed. Stek. i ker. 13 no. 10:32 O '56.

SHCHERBA, LEV VLADIMIROVICH, 1880-1944
Idealistic basis of the interpretation of phoneme in the teachings of L. V. Shcherba and his followers. G. G. Alekberli. Uch. zap. AGU no. 4:91-97 '55.

SHCHUCHINSK DISTRICT--STATE FARMS
A feat of youth; a sketch. N. Anov. Sov. Kazakh. 22 no. 9:3-10 S '56.

SHCHUSEV, ALEKSEI VIKTOROVICH, 1873-1949
Russian architectural legacy in A. V. Shchusev's works. B. P. Mikhailov. Soob. Inst. ist. isk. no. 7:28-50 '56.

SHEARS (MACHINE TOOLS)
Automatic shears for cutting axle billets. A. K. Bogorodskii. Priborostroenie no. 10:30 O '56.
Cutting metals by shears with parallel cutting tools. N. A. Chelyshev. Trudy Sib. met. inst. no. 2:109-148 '55.

SHEEP
(see also subdivision under Aktyubinsk Province; Argentina; Azerbaijan; Dshambul Province; Kazakhstan; Marneul District; Siberia; Turkmenistan)
Change the methods of calculating cost of production in sheep breeding on state farms. N. A. Vasil'ev. Ovtsevodstvo no. 10:8-10 O '56.
Early lambing on seasonal pastures. L. N. Rachkovskii. Sel'khoz. Povol. no. 10:61-63 O '56.
Eliminate in good time shortcomings in the preparation for the wintering of livestock. Ovtsevodstvo no. 11: 1-2 N '56.
Let's fulfill the five-year plan in three years. G. K. Smirnov. Ovtsevodstvo no. 11:31-35 N '56.
The plan for the development of communal sheep breeding is being carried out. I. S. IAkovlev. Ovtsevodstvo no. 10:19-23 O '56.
[Raising sheep and goats; a manual for livestock farm managers] Ovtsevodstvo i kozovodstvo; rukovodstvo dlia zaveduiushchikh fermami. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 679 p. (DA)
Ways of improving sheep breeding on the Sary-Bulakskiy State Farm. Kh. Adamov. Ovtsevodstvo no. 11:12-15 N '56.

SHEEP--ANATOMY
Epithelial bodies in small domestic ruminants. T. G. TSymbal. Sbor. trud. Khar'. vet. inst. 22:112-131 '54.
Vitamin A content of the tissues and organs of sheep and goats as related to certain factors. N. S. Nakonechnyi. Sbor. trud. Khar'. vet. inst. 22:333-336 '54.

SHEEP--DISEASES
(see also subdivision under Kazakhstan)
Mortality of the itch mite Psoroptes longirostris ovis on the bodies of sheep under natural conditions. M. A. Palimpsestov. Sbor. trud. Khar'. vet. inst. 21:367-374 '56.
Prevention and treatment of vitamin A deficiency in pregnant ewes and lambs. T. V. Gorb. Sbor. trud. Khar'. vet. inst. 22:337-344 '54.
Volkova, A. A. [Infectious diseases of sheep caused by soil microbes] Zaraznye bolezni ovets, vyzyvaemye pochvennymi mikrobami. Frunze, Kirgizskoe gos. izd-vo, 1954. 41 p. (DA)

SHEEP--EXHIBITIONS
Sheep breeding at the All-Union Agricultural Exhibition of 1956. A. P. Labachik. Ovtsevodstvo no. 11:26-30 N '56.

SHEEP--FEEDING AND FEEDING STUFFS
Improve the use of the Chernyye Zemli and Kizlyar pastures. B. N. Bogdanov. Ovtsevodstvo no. 11:3-6 N '56.
Use of stilbestrol in sheep breeding. M. E. Bulashevich. Ovtsevodstvo no. 10:45-46 O '56.
Work practices of leading workers in feeding silage to sheep. A. V. Mudianov. Ovtsevodstvo no. 10:25-27 O '56.

SHEEP--PARASITES see Parasites--Sheep

SHEEP BREEDING
(see also subdivision under Kirghizistan; Saratov Province; West Kazakhstan Province)
Bolvinnik, N. V. [The "Chervlennye Buruny" State Sheep Breeding Farm] Plemennoi ovtsevodcheskii sovkhoz "Chervlennye Buruny." Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 53 p. (Peredovoi opyt v sel'skom khozyaistvo) (DA)
In the K. A. Timiriazev Academy of Agriculture. Zhivotnovodstvo 18 no. 11:94-95 N '56.
Organizing artificial insemination of ewes. I. P. Drushlinkov, V. V. Snegovoi. Sovkhoz. proizv. no. 10: 50-52 O '56.
Selecting Karakul ewes according to the quality of offspring. V. M. IUdin. Mich. uch. na sluzh. nar. no. 3: 196-203 '55.

SHEEP BREEDING--EXHIBITIONS see subdivision under Moscow

SHEEP BREEDS see subdivision under Armenia

SHEEP SHEARING
Cart for the PCA-12 electric shearing unit. N. L. Mielkonov. Mekh. sil'. hosp. 7 no. 10:25-26 O '56.
Making sheep shearing easier. A. S. Kantsepol'skii. Ovtsevodstvo no. 11:45 N '56.

SHEET-METAL WORK
Developments in the stamping of stator and rotor laminations for electric motors. V. V. Usenko. Vest. elektroprom. 27 no. 11:28-30 N '56.
Introduction of high-speed cold stamping. Suggestion by M. A. Gutnik, R. A. Dolgopolov, A. A. Samoilov. Prom. energ. 11 no. 11:17-18 N '56.
Gutnik, IA. E., and K. Z. Strashun. [Stamping non-metallic materials] Shtampovka nemetallicheskikh materialov. Pod obshchei red. V. P. Romanovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 66 p. (Bibliotechka shtampovshchika, no. 6)

SHEET STEEL
Lessig, E. N., A. F. Lileev, and A. G. Sokolov. [Sheet steel structural elements] Stal'nye listovye konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 479 p.

SHEFFIELD, ENGLAND--STUDENTS, FOREIGN--CONGRESSES
Conference of the Federation of Indian Student Societies in the United Kingdom. Vsem. stud. nov. 10 no. 9/10:26 S-O '56.

SHELL MOLDING (FOUNDING)
Ovchinnikov, V. A., Z. M. Libenson, and A. M. Sambur. [Shell molding at the Ural Car Factory] Lit'e v obolochkovye formy na Uralvagonzavode. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 38 p. (Obmen tekhnicheskim opytom)

SHELLS (PROJECTILES) see Projectiles

SHELTERBELTS see Windbreaks, shelterbelts, etc.

SHENYANG see Mukden

SHEVCHENKO, TARAS, 1814-1861
Kosaryk, Dmytro. [Shevchenko's haunts in the Ukraine] Shevchenkivs'ki mistsia na Ukraini. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 59 p.

SHIGELLA PARADYSENTERIAE
Effect of some phytoncides and antibiotics on Flexner's dysentery bacillus. L. D. Zhdanova. Vop. kraev. pat. no. 4:18-19 '54.

SHIL'NIKOVSKII, EVSTAFII PAVLOVICH
Honored art worker. G. Nasonov. Prom. koop. no. 11: 17-18 N '56.

SHILOV, NIKOLAI ALEKSANDROVICH, 1872-1930
Scientific work of N. A. Shilov (1872-1930). P. I. Staroscel'skii. Trudy Inst. ist. est. i tekh. 12:73-104 '56.

SHIPBUILDING
Development of specialization and changes in the standard of labor qualifications in industry. I. S. Suderevskii. Nauch. zap. Len. fin.-ekon. inst. no. 8:149-157 '55.
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Shipbuilding industry.] Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' nos. 37-38 S '56.
[Express information of the All-Union Institute of Scientific and Technical Information. Series: Shipbuilding industry.] Ekspress-informatsiia. Seriia: Sudostroitel'naia promyshlennost' no. 1 Ja '57.
World shipbuilding, navigation, and hydraulic engineering; figures and facts. Blok. agit. vod. transp. no. 21:32-33 N '56.
Zitlist, P. S. [Advanced technological methods in shipbuilding and ship repairing] Peredovye tekhnologicheskie metody v sudostroenii i sudoremonte. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 118 p.

SHIPBUILDING—ACCOUNTING
Conference of employees of the Ministry of the Shipbuilding Industry on machine accounting and calculation work. Bukhg. uchet. 15 no. 11:61-63 N '56.

SHIPPING
Combined railroad and water shipping of goods. E. Gekhtberg. Blok. agit. vod. transp. no. 22:21-30 N '56.

SHIPPING—ACCOUNTING
Machine accounting of maritime freight shipments. V. Krivshin. Bukhg. uchet. 15 no. 11:37-43 N '56.

SHIPPING, INLAND WATER see Inland water transportation

SHIPS—HYDRODYNAMICS
Movement of a vessel in a narrow channel allowing for changes in the size of the waterway. L. I. Iankovskii. Izv. Inst. gidrol. i gidr. AN URSR no. 14:66-75 '56.

SHIPS—MAINTENANCE AND REPAIR
Ship repair innovators. V. Valdman. Blok. agit. vod. transp. no. 21:20-24 N '56.
Zitlist, P. S. [Advanced technological methods in shipbuilding and ship repairing] Peredovye tekhnologicheskie metody v sudostroenii i sudoremonte. Leningrad, Izd-vo "Rechnoi transport," Leningradskoe otd-nie, 1956. 118 p.

SHIPS, ELECTRICITY ON see Electricity on ships

SHIPS, IRON AND STEEL
Russia (1923- U.S.S.R.). Glavnoe upravlenie morskogo registra. [Regulations governing the classification and construction of steel oceangoing vessels] Pravila klassifikatsii i postroiki morskikh stal'nykh sudov. Leningrad, Izd-vo "Morskoi transport," 1956. 509 p.

SHIPS, STABILITY OF see Stability of ships

SHIPYARDS
Agitating for rapid repair of ships. D. Fedorishchev. Blok. agit. vod. transp. no. 22:14-20 N '56.

SHIRVAN STEPPE—COTTON
Salt resistance of cotton in the Shirvan Steppe. L. A. Shchipanova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:233-241 '55.

SHIRVAN STEPPE—HUMUS
Humus in the western part of the Shirvan Steppe. N. N. Edigarova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:145-151 '55.

SHIRVAN STEPPE—SOIL MOISTURE
Moisture regime of soils in the eastern part of the Shirvan Steppe. M. R. Abduev. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:215-223 '55.

SHIRVAN STEPPE—SOILS
Agrochemical characteristics of the basic soil types of the Shirvan Steppe. E. S. Musabekova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:133-198 '55.
Differential porosity of certain soils in the eastern part of the Shirvan Steppe. R. G. Mamedov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:209-214 '55.
Forms of phosphoric acid in the basic soil types of the Shirvan Steppe. E. S. Musabekova. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:129-132 '55.

SHIRVANI, SEID-AZIM, 1835-1888
Seid-Azim Shirvani's teaching activities. Trudy Inst. ist. i filos. AN Azerb. SSR 9:307-319 '56.

SHISHIMER, IULIIA MATVEEVNA, 1898-
Iuliia Matveevna Shishimer. L. I. Vorogushina. Med. sestra 15 no. 11:23-24 N '56.

SHIVELUCH SOPKA
New eruptive conditions of Shiveluch Sopka from the end of 1944 to May, 1945, and some observations on the geological structure of this volcano and its past eruptions. B. I. Piip. Biul. Vulk. sta. no. 14:38-51 '48.

SHKLOV DISTRICT—DAIRYING
Work ennobles man. I. Sipakou. Rab. i sial. 32 no. 12: 10 D '56.

SHMAT'KO, MIKHAIL KAPITONOVICH, 1875-1951
In memory of Mikhail Kapitonovich Shmat'ko. B. A. Gavrusevich. Min. sbor. no. 5:377-378 '51.

SHMIDT, OTTO IUL'EVICH, 1891-1956
Otto IUl'evich Shmidt; obituary. Izv. AN SSSR. Ser. geofiz. no. 9:I-VII S '56.

SHMYGA, T.
T. Shmyga as Tonia Chumakova. Teatr 17 no. 11:133-134 N '56.

SHOCK
Akademiia nauk Kazakhskoi SSR, Alma-Ata. [Papers on the pathogenesis and treatment of shock] Materialy po patogenezu i lecheniiu shoka. Pod red. A.P.Polosukhina. Alma-Ata, 1951, 218 p. (DNLM)
Certain characteristics of reflex regulation of blood circulation and respiration in surgical shock. S. G. Sherashov. Arkh. pat. 18 no. 6:70-76 '56.
Changes in the morphological picture and some physicochemical properties of the blood in plasma transfusions to patients with traumatic and postoperative shock. A. P. Zalkina, S. D. Podgaits. Vop. perel. krovi. 4:175-185 '55.
Effect of functional disorders of the higher nervous activity on the course of posttransfusion shock in dogs. Kh. M. Markov. Arkh. pat. 18 no. 6:85-94 '56.
Ellotropic factor in shock following transfusion of heterologous blood. R. A. Rutberg, M. L. Garfunkel'. Arkh. pat. 18 no. 6:94-99 '56.
Significance of forced arterial blood transfusion in compound therapy for severe forms of shock. E. M. Smirenskaia, K. S. Kiseleva, E. S. Zolotokrylina. Ortop., travm. i protez. no. 6:10-16 N-D '55.

SHOE REPAIRING see Boots and shoes—Repairing

SHOES see Boots and shoes

SHOKAL'SKII, IULII MIKHAILOVICH, 1856-1940
Centennial of IU. M. Shokal'skii's birth. A. V. Egor'eva. Meteor. i gidrol. no. 10:70 O '56.
Orlov, B. P. [IU. M. Shokal'skii, his life and works; on the centenary of his birth] IU. M. Shokal'skii, ego zhizn' i deiatel'nost'; k stoletiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1956. 21 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, no. 48)

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-
Notes on Mikhail Sholokhov's works. Theun de Vries. Inostr. lit. no. 11:182-183 N '56.

SHOOTING
Zevin, A., M. Konoplev, and S. IUrchuk. [Training the sharpshooter to meet the standards of the "Ready for Labor and Defense" organization] Podgotovka strelka po normativam GTO. Moskva, Izd-vo DOSAAF, 1956. 179 p.

SHOP PRACTICE see Machine-shop practice

SHORE PROTECTION
Calculating wave protection revetments made with rock fill. M. N. Gol'dshtein. Gidr. stroi. 25 no. 10:32-36 N '56.

SHORTWAVE RADIO see Radio, Shortwave

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-
D. Shostakovich's music in Czechoslovakia. Vaclav Dobias. Inostr. lit. no. 11:190-191 N '56.
An important principle of musical form in D. Shostakovich's works. Vl. Protopopov. Soob. Inst. ist. tek. no. 9:56-62 '56.

SHOTGUNS
How to handle guns. V. Sokolovskii. Okh. i okh. khoz. no. 11:40-41 N '56.

SHOULDER JOINT—DISLOCATION
Periarticular autoblood injections for treating habitual dislocations of the shoulder. A. I. Zubkova. Ortop., travm. i protez. 17 no. 3:67 My-Je '56.

SHOULDER JOINT—WOUNDS AND INJURIES
Avulsion of the upper arm and shoulder blade. M. V. Lunichenko. Ortop., travm. i protez. 17 no. 1:85 Ja-F '56.

SHPAK, MYKOLA, pseud, 1909-1942
Mykola Shpak. Pavlo Usenko. Zhovten' 6 no. 11:113-117 N '56.

SHPILLER, NATAL'IA DMITRIEVNA
Moscow. Gosudarstvennyi akademicheskii Bol'shoi teatr. Natal'ia Dmitrievna Shpiller. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

SHRIKES see subdivision under Salsk Steppe

SHRUBS—DISEASES AND PESTS
Mites of the genus Tetranychus injurious to forest shelterbelt trees and shrubs of the Samur-Divichi Canal regions. Report no. 3. S. G. Khalilova. Uch. zap. AGU no. 7:83-90 '55.

SHUBIN, BORIS FEDOROVICH
Progressive leaders of collective farm building crews. Sel'. stroi. 11 no. 10:23 O '56.

SHUMSHU ISLAND—OWLS
White snowy owl (Nyctea scandiaca L.) on Shumshu Island [with English summary in insert]. B. A. Podkovyrkin. Zool. zhur. 35 no. 9:1420-1421 S '56.

SHUR, I.
"Andrei Siavrov" by I. Shur. Teatr. 17 no. 10:130-131 O '56.

SHUSHA DISTRICT—EROSION
Investigation of soil erosion in Shusha District of the Nagorno-Karabakh Autonomous Province. E. A. Burakovskaia. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:189-196 '55.

SHUTOVICHI—CITY PLANNING
Builders. Al. Shashkov. Kolkh. Bel. 4 no. 8:30-31 Ag '56.

SHUTTERS, PHOTOGRAPHIC see Photographic shutters

SIBERIA—AGRICULTURE
[Distant Siberia is near to us; travel notes and diaries of students working on new and idle lands] Nam sibirskie dali blizki; putevye zametki i dnevniki studencheskikh brigad, pobyvavshikh v raionakh osvoeniia tselinnykh i zalezhnykh zemel'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 149 p.

SIBERIA—DESCRIPTION AND TRAVEL
Siberian land. K. Devet'iarov. Slaviane no. 11:41-47 N '56.

SIBERIA—ECONOMIC CONDITIONS
Pochivalov, L. V., and LM. Shatunovskii. [A great region awaits you] Vas zhdet velikii kraI. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 37 p.
Word about Siberia. Mykola Pechers'kyi. Ukraina no. 21:11-13 N '56.

SIBERIA—ECONOMIC GEOGRAPHY
Rozhdestvenskii, I.D. [Siberia, land of a great future] Sibir' - kraI bol'shogo budushchego. Moskva, Gos. izd-vo polit. lit-ry, 1956. 44 p.

SIBERIA—EVAPORATION
Calculating the amount of evaporation from the surfaces of waters located within the physical geographical conditions of the Central Siberian Upland. A. N. Afanas'ev. Meteor. i gidrol. no. 10:39-41 O '56.

SIBERIA—GEOGRAPHY
Land of legendary riches. I. Shyshkin. Rab. i sial. 32 no. 12:17-18 D '56.

SIBERIA—HISTORY
Economic conditions of Siberia and the mastery of navigation over the Kara Sea to Siberia in the period of the development of capitalism in Russia. S. V. Slavin. Uch. zap. Len. un. no. 115:141-214 '50.
Reform of Speranskii in western Siberia. A. I. Murzina. Uch. zap. Len. un. no. 115:101-116 '50.

SIBERIA—HUNTING
In the wide open spaces of Siberia and Kazakhstan. Okh. i okh. khoz. no. 11:30 N '56.

SIBERIA—HYDROELECTRIC POWER STATIONS
At the construction projects in Siberia; drawings. S. Snaikin, M. Roiter. Krest'ianka 35 no. 12:16-17 D '56.

SIBERIA—POLYZOA, FOSSIL
Nekhoroshev, V.P. [Lower Carboniferous Bryozoa of the Altai and Siberia] Nizhnekamennougol'nye mshanki Altaia i Sibiri. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 416 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 13)

SIBERIA—SHEEP
Let's establish a strong base for sheep breeding in the eastern part of the country. Ovtsevodstvo no. 10:1-5 O '56.

SIBERIA, WESTERN—BOTANY—ECOLOGY
Factors in the development of high grass stands on mountainous relief. I. V. Zykov. Bot. zhur. 41 no. 8: 1208-1212 Ag '56.

SIBERIA, WESTERN—PALEOBOTANY, STRATIGRAPHIC
Some consistencies in the occurrence of plant remains in Quaternary deposits of northwestern Siberia. N. P. Mokin. Inform. sbor. VSEGEI no. 1:117-118 '56.

SIBERIA, WESTERN—SWEET CLOVER
Sweet clover in Western Siberia. L. K. Paraeva. Pchelovodstvo 33 no. 11:35-38 N '56.

SIBERIAN PLATFORM—ROCKS, IGNEOUS
New data on the phenomenon of ultrabasic magmatism in the Siberian Platform. N. N. Sarsadskikh, L. A. Popugaeva. Razved. i okh. nedr 21 no. 5:11-20 S-O '55.

SIDERITE see subdivision under Krivoy Rog Basin

SIDETRACKS see Railroads—Sidings

SIEROZEM SOILS see subdivision under Azerbaijan

SIGHT
Effect of fenamin on the visual acuity of the normal eye. G. S. Savinykh. Vest. oft. 69 no. 5:68-72 S-O '56.
Effect of ionizing radiation on the condition of the visual analyser in rabbits. A. B. TSypin. Med. rad. 1 no. 5: 23-30 S-O '56.

SIGNALS AND SIGNALING
Flashing signal device with a breaker employing photoresistors. N. N. Bondarev, V. G. Fleisher. Svetotekhnika 2 no. 6:19-21 N '56.

SIKHOTE ALIN' RANGE—GORAL
Goral (Nemorhaedus caudatus raddeanus Heude, 1894) [with English summaries in insert]. G. F. Bromlei. Zool. zhur. 35 no. 9:1305-1405 S '56.

SIKHOTE ALIN' RANGE—MINES AND MINERAL RESOURCES
In the Sikhote Alin' Range; a sketch. Andrei Prishvin. Dal'. Vost. 24 no. 5:3-14 S-O '56.

SILAGE see Ensilage

SILANE
Research in the synthesis and conversion of oxygen-containing organosilicon compounds. Part 6. Interaction of hydrogen-containing alkyl(aryl) dichlorosilanes with alcohols. M. F. Shostakovskii, and others. Izv. AN SSSR, Otd. khim. nauk no. 10:1269-1271 O '56.

SILICA
(see also subdivision under Sandomierz region)
Catalytic activity and acidity of silica gel treated with solutions of aluminum salts. K. G. Miesserov. Izv. AN SSSR, Otd. khim. nauk no. 10:1180-1184 O '56.
Device for determining silicon dioxide by the thermal method. S. A. Toropov, TS. A. Gol'dina. Zav. lab. 22 no. 9:1118-1120 '56.
Technological characteristics of strongly basic anion-exchanging substances. A. M. Prokhorova. Teploenergetika 3 no. 12:14-20 D '56.

SILICON
Elementary silicon of high purity. N. N. Murach. Khim. nauka i prom. 1 no. 5:492-495 '56.
Rzhanov, A. V., ed. [Electrophysical characteristics of germanium and silicon] Elektrofizicheskie svoistva germaniia i kremniia; sbornik perevodov. Moskva, Izd-vo "Sovetskoe radio," 1956. 391 p.
The study of silicon in the ninth grade. P. A. Gloriozov. Khim. v shkole 11 no. 6:27-37 N-D '56.

SILICON—ANALYSIS
X-ray method for quantitative determination of silicon in a mixture containing carborundum. B. I. Movshovich, N. N. Levandovskaia. Zav. lab. 22 no. 7:827-828 '56.

SILICON ORGANIC COMPOUNDS
Optical study of the Si -- H bond and characteristics of its chemical behavior in various compounds. M. I. Batuev, and others. Izv. AN SSSR, Otd. khim. nauk no. 10: 1243-1248 O '56.
Research in the synthesis and conversion of unsaturated organosilicon compounds. Part 1. Synthesis and conversion of tertiary organosilicon-acetylenic alcohols. M. F. Shostakovskii, I. A. Shikhiev, N. V. Komarov. Izv. AN SSSR, Otd. khim. nauk no. 10:1271-1274 O '56.
Use of silicon organic compounds to protect electric insulation against moisture. S. A. IAmanov. Vest. elektroprom. 27 no. 11:64-69 N '56.

SILK—EXHIBITIONS see subdivision under Moscow

SILK CULTURE see subdivision 'Sericulture' under Soviet Central Asia

SILK MANUFACTURE
(see also subdivision under Vitebsk)
Reducing waste in silk and rayon finishing mills. A. F. Lagov. Tekst. prom. 16 no. 9:4-6 S '56.
Selecting an efficient weight for battens on silk looms. N. P. Agapova. Tekst. prom. 16 no. 11:27-29 N '56.

SILKWORMS
Feeding silkworms in relation to their daily rhythm of activity. IU. I. Krivenisov. Izv. AN Turk. SSR no. 5: 39-44 '56.
Investigation of the Japanese method of feeding silkworm larvae. S. M. Hershenzon. Dop. AN URSR no. 2:195-198 '56.

SILKWORMS—DISEASES
Oak-feeding silkworms as virus carriers. M. I. Syrotina, M. F. Chala. Dop. AN URSR no. 2:177-180 '56.

SILOS
Applying used steel rods in building silos. E. K. Grabinskii. Nov. tekh. i pered. op. v stroi. 18 no. 5:13-14 My '56.
Mechanized removal of silage from silos. I. M. Karevin, O. IA. Kovalenko. Sots. tvar. 28 no. 11:42-46 N '56.
Standard plan for a precast reinforced concrete silo. V. N. Raev. Nov. tekh. i pered. op. v stroi. 18 no. 5: 4-7 My '56.
Thirty-year old silo. K. I. Veresenko, H. F. Mikhnenko, L. D. Alekseienko. Sots. tvar. 28 no. 11:28 N '56.

SILVER—ISOTOPES
Role of the sulfhydryl groups in the contractions of the heart muscle according to experiments with radioactive silver. T. M. Turpaev, M. G. Usynina. Biofizika 1 no. 1:36-42 '56.

SILVER-CADMIUM ALLOYS
Investigating small diffusion coefficients in Ag-Cd alloys in the 275-450° C temperature range. S. D. Hertsriken, I. IA. Dekhtiar, TS. M. Hdaleva'ka. Nauk. zap. Kiev. un. 9 no. 2:41-48 '50.

SILVER CHLORIDE
Thermo-optical bleaching technique for the investigation of NaCl, AgCl trapping centers. Ch. B. Lushchik and others. Zhur. eksp. i teor. fiz. 30 no. 2:403-404 F '56.

SILVER FLUORIDES
New method for the synthesis of silver fluoride. Sh. T. Talipov, D. A. Abdullaev. Trudy SAGU no. 40:65-68 '53.

SILVER NITRATE
Producing silver nitrate from scrap silver. I. I. Klimov. Khim. v shkole 11 no. 6:42-43 N-D '56.

SILVER SALTS
Activity coefficients for slightly soluble silver salts in electrolyte solutions. P. F. Obel'chenko. Trudy SAGU no. 55:103-110 '54.
Activity product of slightly soluble silver salts in electrolyte solutions. Sh. T. Talipov, P. F. Obel'chenko. Trudy SAGU no. 5:87-95 '54.
Calculation of the solubility of slightly soluble salts. P. F. Obel'chenko. Trudy SAGU no. 55:111-123 '54.
Constant $\alpha$ in the second approximation of the Debye-Hückel formula. P. F. Obel'chenko. Trudy SAGU no. 55:97-101 '54.
Miscibility of a number of molten lithium and silver salts [with English summary in insert]. D. S. Lesnykh, A. G. Bergman. Zhur. fiz. khim. 30 no. 8:1959-1966 S '56.
Solubility product of slightly soluble silver salts in electrolyte solutions. Sh. T. Talipov, P. F. Obel'chenko. Trudy SAGU no. 55:77-85 '54.

SILVER-ZINC ALLOYS see Zinc-silver alloys

SIMONOV, IVAN MIKHAILOVICH, 1794-1855
D. M. Perevoshchikov and I. M. Simonov; correspondence of two astronomers on problems in astronomy and geophysics. S. N. Koryinkov. Ist. -astron. issl. no. 1:281-305 '55.
I. M. Simonov in his autobiography. S. N. Koryinkov. Ist. -astron. issl. no. 1:255-267 '55.
I. M. Simonov's autobiography (1848); comments by S. N. Koryinkov. Ist. -astron. issl. no. 1:268-280 '55.
Letters from D. M. Perevoshchikov to I. M. Simonov. Ist. -astron. issl. no. 1:306-321 '55.

SINGERS
Five young singers. Teatr 17 no. 11:105 N '56.

SINNAY—TEACHERS
A teacher's album. N. Khalemskii. Ogonek 34 no. 49:13 D '56.

SIPHONOPHORA see subdivision under Pacific Ocean

SITENKO, MIKHAIL IVANOVICH, 1885-
M. I. Sitenko, an outstanding worker in the Soviet public health service; his 70th birthday. I. P. Alekseenko. Ortop., travm. i protez. 17 no. 2:40-44 Mr-Ap '56.

SIVASH REGION—GEOLOGY, STRATIGRAPHIC
Some data on Quaternary deposits in the Sivash region of the Crimean steppe. I. G. Glukhov. Biul. MOIP. Otd. geol. 31 no. 3:81-88 My-Je '56.

SKIN
Effect of chemical stimulation of the skin on the phagocytic reaction of the organism. A. I. Shabalin. Arkh. pat. 18 no. 6:112-113 '56.
Protein metabolism in the skin and in the subcutaneous tissue in elephanthiasis. A. A. Leont'eva, E. I. Shumitkina. Arkh. pat. 18 no. 5:62-64 '56.

SKIN—DISEASES
Case of necrobacillosis in man. A. F. Anikin. Vest. ven. i derm. 30 no. 5:53-54 S-O '56.
Epidemiology of cutaneous diphtheria. E. T. Sviridenko. Pediatriia 39 no. 4:36-38 Jl-Ag '56.
Functional and histomorphological changes in the skin of rabbits with experimental dermatitis after influencing the central nervous system in several ways. I. N. Vinokurov. Vest. ven. i derm. 30 no. 5:16-18 S-O '56.
"Soviet medical abstracts. Skin and venereal diseases." Reviewed by N. A. Torsuev. Vest. ven. i derm. 30 no. no. 5:55-56 S-O '56.
The state of cerebral currents in eczema, neurodermitis and nettle rash and changes following novocain and sleep therapy. R. IA. Malykin and others. Vest. ven. i derm. 30 no. 5:3-10 S-O '56.

SKIN—INNERVATION
Changes in sensory chronaxy in lupus erythematosus following a procaine block a trigeminal nerve endings. M. A. Shteinberg, E. E. Pankova, S. IA. TSarik. Vest. ven. i derm. 30 no. 5:14-15 S-O '56.

SKIN DISEASES
Cytologic examinations in some skin diseases. L. P. Karakulina. Vest. ven. i derm. 30 no. 5:11-14 S-O '56.

SKIN GRAFTING
"Free grafting of thick skin flaps in reconstructive surgery" by A. S. Silaeva. Reviewed by A. A. Limberg. Ortop., travm. i protez. no. 6:70-71 N-D '55.
Plastic surgery of cicatricial skin contractures of the fingers. A. A. Limberg. Ortop., travm. i protez. 17 no. 1:3-9 Ja-F '56.
Primary surgical treatment of wounds with plastical surgery of skin defects by means of an attached skin flap. M. V. Koretskii. Ortop., travm. i protez. no. 6:68-69 N-D '55.

SKIS AND SKIING
Effect of a ski march in the mountains on the organisms of the participants. A. S. Shatalina, M. A. Ter-Akopian. Trudy SAGU no. 59:100-109 '54.
Man on skies. V. S. Farfel'. Zdorov'e 2 no. 12:9-11 D '56.
Skiing requires persistence. A. Nemukhin. Vozhatyi 32 no. 11:25-27 N '56.

SKYSCRAPERS see subdivision under New York (City)

SLAG
Submerged-melt welding of the concrete reinforcing steel joints with a continuous slag formation. Stroi. prom. 34 no. 11:15-18 N '56.

SLAG CEMENT
How to make slag cement for roof covering. V. Klimenko. MTS 16 no. 10:45 O '56.

SLAVERY
Results of the Geneva conference on writing a supplementary convention on the abolition of slavery. Mezhdunar. zhizn' no. 10:149-157 O '56.

SLAVIC PHILOLOGY—PERIODICALS see subdivision under Germany, East

SLAVS—ANTIQUITIES
Unions of Slavic tribes according to archaeological materials of the 8th-14th centuries a. d.; Viatichians, Radimichians, Severians. G. F. Solov'eva. Sov. arkheol. 25:138-170 '56.

SLAVYANSK—KINDERGARTEN
My job. A. IUdina. Doshk. vykh. 17 no. 11:33-35 N '56.

SLEEP
Carbohydrate-phosphorus metabolism in the heart and liver of rabbits during drug-induced sleep [with summary in English]. L. A. TSeitlin. Vop. med. khim. 2 no. 5:363-368 S-O '56.
Effect of defensive inhibition on the course of infection processes. Report no. 1. M. V. Revo, K. V. Shmalii. Sbor. trud. Khar'. vet. inst. 22:223-231 '54.
Effect of drug-induced sleep on the amount of certain labile phosphorus compounds in various organs and tissues. A. M. Alekseeva, L. G. Magazanik. Biul. eksp. biol. i med. 42 no. 10:18-22 O '56.
Investigation of the nitrogen-containing constituents in the brain of rabbits following prolonged sleep induced by soporifics. M. Sh. Promyslov. Dokl. AN SSSR 110 no. 3:417-420 S '56.
Respiration of cerebrocortical and hepatic sections of rabbits during medinal sleep [with summary in English]. E. P. Chetverikova. Vop. med. khim. 2 no. 5:339-345 S-O '56.

SLEEP—THERAPEUTIC USE

Electric sleep for treating hypertension. G. V. Sergeev. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:39-45 O-D '56.

Experimental data on sleep therapy in dysenterial intoxication. Z. A. Ikhsanov. Arkh. pat. 18 no. 6:117-119 '56.

The state of cerebral currents in eczema, neurodermitis and nettle rash and changes following novocain and sleep therapy. R. IA. Malykin and others. Vest. ven. i derm. 30 no. 5:3-10 S-O '56.

SLEIGHS AND SLEDGES

Semitrailer single-runner sledge for skidding tree-length logs. G. K. Matveev. Les. prom 34 no. 11:16-17 N '56.

SLIDE RULE

All-purpose slide rule. P. V. Didkovskii, E. I. Nemirovskii. Strot. i dor. mashinostr. no. 11:37-39 N '56.

General purpose slide rule for measuring film shrinkage and perforation distances. V. Korovkin. Kinomekhanik no. 11:23 N '56.

SMAGIN, DMITRII PAVLOVICH

Restless character. I. Podorozhanskii. Sov. pech. no. 11:38-39 N '56.

SMELL

Degenerative and restorative processes in the olfactory organ in fish and amphibians. IA. A. Vinnikov. Biul. eksp. biol. i med. 42 no. 10:57-59 O '56.

Method of studying olfaction in cows. A. A. Kudriavtsev, N. I. Lozhkin. Fiziol. zhur. 42 no. 10:916-918 O '56.

SMELTING

Use of thermocouples for temperature control of liquid steel in steel smelting sections of the Kuznetsk Metallurgical Combine. A. N. Vasil'ev and others. Zav. lab. 22 no. 9:1127-1130 '56.

SMELTING FURNACES

Russia (1923- U.S.S.R.) Ministerstvo tsvetnoi metallurgii. Tekhnicheskoe upravlenie. TSentral'nyi institut informatsii. [High-speed smelting in a reverberatory furnace; experience of skilled workman A.A.IArusov] Skorostnaia plavka v otrazhatel'nykh pechakh; opyt mastera A.A.IArusova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1952. 68 p. (Peredovye metody truda)

[MICROFILM]

SMITHSONITE

Varieties of smithsonite. S.A. Gorzhevskaia. Min. sbor. no. 5:324-329 '51.

SMOKE PREVENTION

There must be no smoke from factory chimneys. G. F. IArin. Prom. koop. no. 11:6-7 N '56.

SMOLENSK GOVERNMENT—REVOLUTION OF 1905

[The revolutionary movement in Smolensk Government] during the years 1905-1907] Revoliutsionnoe dvizhenie v Smolenskoi gubernii v 1905-1907 gg. [Smolensk] Smolenskoe kn-vo, 1956. 146 p.

SMOLENSKOYE DISTRICT—SCHOOL MANAGEMENT AND ORGANIZATION

How the work of the district department of public education in Smolenskoye District was arranged. K. Filippov. Nar. obr. no. 10:16-17 O '56.

SNAILS AS CARRIERS OF DISEASE see subdivision under Tajikistan

SNAKES see subdivision 'Serpents' under Kazakhstan

SNIADECKI, JEDRZEJ, 1768-1838

Sniadetskii and the Vilnius school of chemists. apustinskii. Trudy Inst. ist. est. i tekh. 12:22-

ubdivision under Oka Valley

PLANNING

te farms to collective farm settlements. olkh. Bel. 4 no. 8:28-29 Ag '56.

-REGULATION

i rectification of a section of the Snov '. Rusakov. Izv. Inst. gidrol. i gidr. AN 4:44-53 '56.

ly snow on some woody plants [also in Georgi--254]. K. Mamisashvili. Trudy Inst. lesa IR 1:255-266 '48.

l-type snowplow. I. B. Agafonov, S. B. Sel'khozmashina no. 11:26 N '56.

IONAUTICS) see Gliding and soaring

ONID VITAL'EVICH, 1872-1934

udarstvennyi akademicheskii Bol'shoi teatr, levich Sobinov. Moskva, Gos. izd-vo "Is-953. 1 v. (unpaged)

SOBOLEV, L

Outstanding driver in the virgin lands. Avt. transp. 34 no. 11:35 N '56.

SOCCER

(see also subdivision under Hannover, Germany; Minsk; Moscow)

Cup of European champions. Sp. igry 2 no. 9:29-30 S '56.

In Hannover and Moscow. Sp. igry 2 no. 9:32 S '56.

Match before the Olympic games. Sp. igry 2 no. 8:32 Ag '56.

The principle of soccer is attack! Martyn Merzhanov. IUnost' no. 11:109-111 N '56.

Results of the soccer tournament. Sp. igry 2 no. 9:4 S '56.

Speed of the soccer player. S. Savin. Sp. igry 2 no. 9:23-24 S '56.

Technique and speed; problems in soccer. Gabriel Ano. Sp. igry 2 no. 8:28-31 Ag '56.

Technique on the agenda; notes on the soccer tournament at the Spartakiada of the Peoples of the U. S. S. R. A. Men'shikov, V. Vasil'ev. Sp. igry 2 no. 9:2-4 S '56.

SOCHI—THERAPEUTICS, PHYSIOLOGICAL

Some problems in the clinical aspects of endarteritis obliterans and its treatment at the Sochi-Matsesta resort. K. F. Kanareikin, K. IU. Turgel'. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:64-69 O-D '56.

SOCIAL DISTINCTIONS see subdivision 'Class distinction' under Georgia

SOCIAL INSURANCE see Insurance, Social

SOCIAL LIFE AND CUSTOMS see subdivision under Dzhanybek District; Georgia; Kazakhstan

SOCIAL SCIENCES—STUDY AND TEACHING

(see also subdivision under Georgia)

Improve the teaching of social sciences in the institutions of higher learning. Vest. vys. shkoly 14 no. 11:1-4 N '56.

A real help for teachers and students; survey of articles on study seminars. Vest. vys. shkoly 14 no. 11:22-25 N '56.

SOCIALISM

(see also subdivision under Japan; United States)

Theory of capitalism "turning into" socialism and the facts. N. Senin. Kommunist 33 no. 15:100-108 O '56.

SOCIALIST COMPETITION

Afanas'eva, N. I., and A. R. Morozov. [The club and socialist competition among collective farm workers] Klub i sotsialisticheskoe sorevnovanie kolkhoznikov. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1956. 58 p. (Bibliotechka sel'skogo klubnogo rabotnika)

Bonuses obtained as a result of the All-Union Socialist Competition. N. Gushchenko. Sots. trud no. 9:106-108 S '56.

How we organize the competition. A. Makarenko. Prom. koop. no. 11:28-30 N '56.

SOCIALIST PARTIES

Struggle of the Bulgarian Workers' Social Democratic Party (Left-wing Socialists) against the First World War; 1914-1918. V. I. Vladimirskaia. Uch. zap. Inst. slav. 14:3-55 '56.

SOCIETIES, COOPERATIVE see Cooperative societies

SOCIOLOGY

(see also subdivision under United States)

Social studies but what kind? Zygmunt Bauman. Vop. filos. no. 5:212-215 '56.

SODA INDUSTRY

Composition of precipitates settling in the distiller during soda ash production. T. A. Ryshkina, V. I. Radushev. Nauch. trudy NPI 26:276-281 '56.

SODIUM

Influence of the solvent on the kinetics of the reactions of some fatty acids with sodium. T. A. Miskinova, G. A. Ratisyn. Dokl. AN SSSR 110 no. 2:238-240 S '56.

SODIUM—ANALYSIS

Colorimetric method for determining sodium in soda-lime glass without taking weighed portions. K. K. Kolobova, V. A. Gerasimova. Zav. lab. 22 no. 7:794-795 '56.

SODIUM—ISOTOPES

Investigating gamma-ray spectra following neutron capture in $Na^{23}$ and $Th^{232}$. N. A. Bugrov, G. V. Danilian. Izv. AN SSSR, Ser. fiz. 20 no. 8:941-946 Ag '56.

SODIUM BROMIDE

Secondary electron emission of NaBr single crystals. T. L. Matskevich. Zhur. tekh. fiz. 26 no. 10:2399-2400 O '56.

SODIUM CHLORIDE see Salt

SODIUM FLUORIDE

Cause of pH variation in the equivalence-point region during the titration of sodium fluoride with potassium salts. Sh. T. Talipov, I. L. Teodorovich. Trudy SAGU no. 40:75-77 '53.

SODIUM HYDROXIDE

Clarification rate of caustic soda solutions in relation to the temperature of lime calcination. E. V. Perov. Nauch. trudy NPI 26:265-267 '55.

SODIUM SALTS

Physicochemical analysis of the system: $Na_2SO_4$ - $Na_2S$ - $H_2O$. A. I. Mun. Izv. AN Kazakh. SSR. Ser. khim. no. 10:22-29 '56.

Solubility in the system: $Na_2S$ - $Na_2SO$ - $H_2O$ at temperatures from 90°- 140°. B. A. Beremzhanov. Izv. AN Kazakh. SSR. Ser. khim. no. 10:104-105 '56.

SOIL ABSORPTION

Treatment of experimental data obtained from studying the absorption of water by soils. V. A. Zhilinskii. Izv. TSKhA no. 2:131-140 '56.

Volumetric ammonium-formaldehyde method for determining the capacity of exchange absorption of soils. I. P. Vil'gusevich. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:137-142 '56.

SOIL ACIDITY

(see also subdivision under Komi A. S. S. R.)

Effect of acid soil reaction, aluminum, manganese, iron, and phosphorus on the growth and yields of barley. N. S. Avdonin, N. A. Kolosova. Uch. zap. Mosk. un. no. 186:19-37 '56.

SOIL CHEMISTRY

Chemical properties of turf-Podzolic soils within the rows of winter rye, oats, and vetch-oats mixtures. F. I. Levin. Uch. zap. Mosk. un. no. 186:59-62 '56.

Enrichment of Chernozem and dark gray loam soils by a single application of phosphates as a road to radical improvement of soil fertility elements. A. I Dushechkin. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN UlSR no. 1/2:38-41 '48.

Volumetric ammonium-formaldehyde method for determining the capacity of exchange absorption of soils. I. P. Vil'gusevich. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:137-142 '56.

SOIL COLLOIDS

Developing the theoretical principles of soil chemistry as a prerequisite to efficient use of fertilizers. A. F. Tiulin. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:42-53 '48.

SOIL CONSERVATION

Al'benskii, A. V., and P. D. Nikitin, eds. [Land improvement through afforestation] Agrolesomelioratsiia. Izd. 3-e, perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 743 p.

SOIL CULTIVATION see Tillage

SOIL EROSION see Erosion

SOIL FERTILITY

Effect of deep plowing on the fertility of Solonetz-type Chestnut soils and dark-colored soils. A. S. Shulov. Sel'khoz. Povol. no. 10:73-74 O '56.

SOIL INOCULATION

(see also subdivision under Kazakhstan)

Phosphorobacterin and corn yields. I. S. Kudashev. Sel'khoz. Povol. no. 10:52-53 O '56.

SOIL MECHANICS

Control of the compactness of large breccia-like soils in building the Orto-Tokoi dam. M. I. Ibragimov. Gidr. stroi. 25 no. 10:50-52 N '56.

Determining normal stresses in soil by the method of "freezing" deformations. I. A. Adylkhodzhaev. Trudy TASHIIT no. 5:241-254 '56.

Evaluating the construction properties of loess rocks. S. N. Maksimov. Gidr. stroi. 25 no. 10:52-54 N '56.

Russia (1923- U. S. S. R.) Ministerstvo elektrostantsii. Upravlenie kapital'nogo stroitel'stva. [Engineering geology research in designing and constructing hydroelectric power structures; a practical manual for technicians and geologists] Inzhenerno-geologicheskie issledovaniia pri proektirovanii i stroitel'stve gidroenergeticheskikh sooruzhenii; metodicheskoe posobie dlia tekhnikov-geologov. Izd. 2-oe, ispr. Moskva, Gos. energ. izd-vo, 1954. 408 p.

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti. Tekhnicheskoe upravlenie. [Instructions for thermal strengthening of loose macroporous (loess type) earth] Instruktsiia po termicheskomu ukrepleniiu prosadochnykh makroporistykh (lessovidnykh) gruntov (I-202-55) (MSPMKKP). Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 30 p.

Seepage stability of cohesive soils. V. S. Istomina. Vop. filtr. rasch. gidr. soor. no. 2:140-189 '56.

)IL MICRO-ORGANISMS
Effect of different fertilizing systems on the activity of soil microflora in grassland crop rotations. V. D. Manzon, A. V. Dzetsina. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:109-122 '52.

Effect of potassium fertilizers on soil microflora. IE. K. Buzhenko. Stud. nauk. pratsi no. 20:113-119 '56.

International Congress of Soil Science, 6th, Paris, 1956. [Reports at the Sixth International Congress of Soil Science; third commission: The biology soils] Doklady VI Mezhdunarodnomu kongressu pochvovedov; Tret'ia komissia. Biologiia pochv. Moskva, Moskva, 1956. 59 p. [Parallel texts in Russian and French or English.]

Zoikova, A. A. [Infectious diseases of sheep caused by soil microbes] Zaraznye bolezni ovets, vyzyvaemye pochvennymi mikrobami. Frunze, Kirgizskoe gos. izd-vo, 1954. 41 p.
(DA)

)IL MOISTURE
(see also subdivision under Shirvan Steppe; Turkmenistan)
Bound water in soils and its effect on their dispersion and microstructure. E. M. Sergeev. Uch. zap. Mosk. un. no. 176:221-231 '56.

Effect of drying on the thermal conditions of soil. V. P. Doriabin. Izv. AN SSSR. Ser. geofiz. no. 9:1099-1106 S '56.

Soil moisture and its effect on annual growth of pine plantations of the pine-bilberry type. I. K. Blintsov. Shor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4: 160-163 '56.

Soil moisture conditions in fields tilled by the T. S. Mal'tsev system; preliminary report based on observations in 1955. G. V. Rudnev. Meteor. i gidrol. no. 10:37-39 O '56.

)IL PARTICLES
Bound water in soils and its effect on their dispersion and microstructure. E. M. Sergeev. Uch. zap. Mosk. un. no. 176:221-231 '56.

)IL PERCOLATION
Combating seepage of water from water basins. V. G. Samoilov, S. E. Mamina. Biul. MOIP. Otd. geol. 31 no. 4:65-76 Jl-Ag '56.

Determining filtration coefficients of anisotropic layers on the basis of pumped test samples. Razved. i okh. nedr 21 no. 6:52-56 N-D '55.

Determining hydrodynamic forces on earth dams and slopes during a fall in levels of the water races. V. M. Shestakov. Vop. fil'tr. rasch. gidr. soor. no. 2:98-126 '56.

Effect of the formation of cracks in the front part of spillway dams on seepage in dam foundations. E. IA. Romanova. Vop. fil'tr. rasch. gidr. soor. no. 2:5-46 '56.

Seepage calculations for dam foundations allowing for the water permeability of sheet piling. V. P. Nedriga. Vop. fil'tr. rasch. gidr. soor. no. 2:47-97 '56.

Seepage stability of cohesive soils. V. S. Istomina. Vop. fil'tr. rasch. gidr. soor. no. 2:140-180 '56.

Some problems of modeling irregular seepage. V. M. Shestakov. Vop. fil'tr. rasch. gidr. soor. no. 2:120-139 '56.

)IL STABILIZATION
Investigation of contact scouring of sand and gravel soils. V. S. Istomina. Vop. fil'tr. rasch. gidr. soor. no. 2:199-216 '56.

)IL TEMPERATURE
Effect of drying on the thermal conditions of soil. V. P. Doriabin. Izv. AN SSSR. Ser. geofiz. no. 9:1099-1106 S '56.

Theory of computing soil temperature. L. N. Gutman. Trudy Geofiz. inst. no. 37:3-49 '56.

Using thermistors for taking ground surface temperature. V. A. IUrin, N. IA. Miagkov. Izv. AN Turk. SSR no. 4: 51-54 '56.

)ILS
(see also subdivision under Kazakhstan; Klyuz'ma Valley; Lachin District; Orsha District; Sevan region; Ukraine; White Russia)
Effect of erosion on soil properties and field crop yields. V. F. Trushin. Izv. TSKhA no. 2:53-60 '56.

)ILS—ANALYSIS
Determining calcium and magnesium in soil extracts by titration in one solution. Z. F. Koptseva. Izv. TSKhA no. 2:233-235 '56.

Rapid cutting of soil samples. V. D. Laptenko. Meteor. i gidrol. no. 10:54-55 O '56.

Spade for wrapping paper around a soil sample. I. F. Kovalev. Meteor. i gidrol. no. 10:54 O '56.

)ILS—BACTERIOLOGY
Effect of waste gumbrin on soil microflora. G. S. Kasimova. Uch. zap. AGU no. 2:59-66 '55.

)ILS, FROZEN see Frozen ground

)ILS, PODZOLIC see Podzol

)ILS AND CROPS see Crops and soils

SOKOLOVKA—IRON MINES AND MINING
Mines of the Sokolovka - Sarbay ore dressing combine. V. N. Vysotskii. Gor. zhur. no. 10:3-11 O '56.

SOKOLOVSKII, DANIIL L'VOVICH, 1896-
Daniil L'vovich Sokolovskii; on his 60th birthday. A. I. Chebotarev. Meteor. i gidrol. no. 10:69-70 O '56.

SOLAR BATTERIES
Conversion of radiation into electricity. V. B. Veinberg, IU. V. Mal'tsev. Zhur. tekh. fiz. 26 no. 10:2373-2377 O '56.

P-silicon photoelectric solar energy converters. IU. P. Maslakovets and others. Zhur. tekh. fiz. 26 no. 10: 2306-2307 O '56.

SOLAR CORONA see Sun—Corona

SOLAR PHYSICS see Sun

SOLAR RADIATION
Changes in atmospheric temperature in time under the influence of turbulent agitation and radiation heat exchange. M. S. Malkevich. Trudy Geofiz. inst. no. 37:102-110 '56.

Cooling the atmosphere under the influence of radiation heat exchange. M. S. Malkevich. Trudy Geofiz. inst. no. 37:89-101 '56.

D. S. Korzhinskii's article "Exaggerated role of solar energy in the energetics of the earth's crust." Reviewed by O. P. Mchedlov-Petrosian. Min. shor. no. 10:301-303 '56.

Theoretical calculation of solar radiation absorbed by the atmosphere during various time intervals. M. S. Malkevich. Trudy Geofiz. inst. no. 37:120-131 '56.

SOLAR SPECTRUM see Spectrum, Solar

SOLAR SYSTEM
Conference on the nature of the moon and planets. I. A. Parshin. Astron. tsir. no. 171:29-30 Jl '56.

Meteorites in studying the cosmogony of the solar system. V. G. Fesenkov. Astron. zhur. 33 no. 5:767-777 S-O '56.

SOLAR WATER HEATERS
Conversion of radiation into electricity. V. B. Veinberg, IU. V. Mal'tsev. Zhur. tekh. fiz. 26 no. 10:2373-2377 O '56.

SOLDER AND SOLDERING
Anticorrosive flux for soldering with soft solders. M. A. IAnovskii, G. S. Kotlin, V. L. Lozovskii. Med. prom. no. 3:36-39 Jl-S '55.

Apukhtin, G. I. [Soldering of aluminum and its alloys by means of ultrasonic waves] Paika aliuminiia i ego splavov s primeneniem ul'trazvuka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 17 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh. Tema 22, no. 1-56-3)

Electric soldering iron with internal heating. Suggestion by P. Z. Sukhov, P. V. Klimanov. Prom. energ. 11 no. 11:18 N '56.

Soldering aluminum conductors. A. G. Shikher, S. N. Glusova, S. V. Radilov. Prom. energ. 11 no. 11:9-11 N '56.

TSeitlin, R. D. [Loading filters and soderers] Porodovye montery-spaishchiki. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio. 16 p. (Opyt peredovykh sviazistov)

Using high-frequency currents to solder T-shaped steel pipeline connections used in sanitary engineering. F. I. Kisliuk. Stroi. pred. neft. prom. 1 no. 6:11-13 O '56.

SOLIDS
Motion of inclusions in solids. A. A. Chernov. Zhur. eksp. i teor. fiz. 31 no. 4:709-710 O '56.

SOLONETZ SOILS
Studying the genesis of Solonetz and Soloth soils. S. P. IArkov, I. S. Kaurichev, N. N. Poddubnyi. Izv. TSKhA no. 2:141-150 '56.

SOLOTH SOILS
Studying the genesis of Solonetz and Soloth soils. S. P. IArkov, I. S. Kaurichev, N. N. Poddubnyi. Izv. TSKhA no. 2:141-150 '56.

SOLUBILITY
Activity coefficients for slightly soluble silver salts in electrolyte solutions. P. F. Obel'chenko. Trudy SAGU no. 55:103-110 '54.

Activity product of slightly soluble silver salts in electrolyte solutions. Sh. T. Talipov, P. F. Obel'chenko. Trudy SAGU no. 55:87-95 '54.

Calculation of the solubility of slightly soluble salts. P. F. Obel'chenko. Trudy SAGU no. 55:111-123 '54.

Constant $A$ in the second approximation of the Debye-Hückel formula. P. F. Obel'chenko. Trudy SAGU no. 55:97-101 '54.

Physicochemical analysis of systems: slightly soluble silver salt - electrolyte - water. Sh. T. Talipov, P. F. Obel'chenko. Trudy SAGU no. 55:3-23 '54.

Reciprocal solubility of carbon dioxide and petroleum of the Romashkinskiy field. V. N. Mamuna and others. Trudy VNII no. 8:302-309 '56.

Solubility in the system: $Na_2S - Na_2SO_4 - H_2O$ at temperatures from 90° - 140°. B. A. Beremzhanov. Izv. AN Kazakh. SSR. Ser. khim. no. 10:104-105 '56.

Solubility of natural gases in petroleums. K. V. Vinogradov, S. E. Roshal'. Azerb. neft. khoz. 35 no. 7:22-24 Jl '56.

Solubility product of slightly soluble silver salts in electrolyte solutions. Sh. T. Talipov, P. F. Obel'chenko. Trudy SAGU no. 55:77-85 '54.

Study of solubility in the system: $NaF - AgF - H_2O$ at 25° C. D. A. Abdullaev, Sh. T. Talipov, N. Babaev. Trudy SAGU no. 55:125-128 '54.

Study of the solubility in the system: $CrF_3 - KF - H_2O$ at 25°. Sh. T. Talipov, T. I. Fedorova. Trudy SAGU no. 40:48-55 53.

Study of the solubility in the system: $MgF_2 - AgF - H_2O$ at 25° C. Sh. T. Talipov, D. A. Abdullaev, M. V. Kirsanova. Trudy SAGU no. 40:43-46 '53.

SOLUBLE SALTS see Salts, Soluble

SOLUTION (CHEMISTRY)
Apparatus for the electrolysis of an aqueous solution of table salt. I. A. Novikov. Khim. v shkole 11 no. 6:41-42 N-D '56.

D. N. Abashev's works on the theory of solutions. A. IA. Kipnis. Trudy Inst. ist. est. i tekh. 12:55-72 '56.

Method of continuous variations (from "Acta Chem. Scand.", 9, 299, 1955). F. Woldbye. Usp. khim. 25 no. 10:1294-1302 O '56.

Nature of the solutions of spontaneously dissolving compounds of high molecular weight. P. M. Lapin. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:128-138 '54.

Thermodynamics of electrocapillary phenomena in concentrated solutions [with English summary in insert]. A. N. Frumkin. Zhur. fiz. khim. 30 no. 9:2063-2069 S '56.

SOLUTIONS, SOLID
The relation between the solubility of isomorphic salts in water and their occurrence in the liquid phase and in crystals. V. S. Sobolev, O. S. Soboleva. Min. shor. no. 10:310-325 '56.

Solution rate of solid solutions of the copper-tin system in active media. S. S. Gastev, A. N. Krestovnikov. Nauch. trudy MPI no. 4:154-164 '56.

SOLVENTS
Determining minute amounts of mineral oils in organic solvents and on the surface of metal parts. B. D. Luft, E. S. Shor. Zav. lab. 22 no. 7:784-787 '56.

Extraction of inorganic substances with organic solvents. A. V. Nikolaev. Khim. nauka i prom. 1 no. 5:548-554 '56.

Polarographic behavior of the hydrogen ion in a variety of individual and mixed solvents. Part 1. Solutions of water in methyl alcohol and in $CH_3OH + H_2O$ mixtures [with English summary in insert]. P. K. Migal', IA. I. Tur'ian, N. I. Bondarenko. Zhur. fiz. khim. 30 no. 9:2003-2010 S '56.

SONAR IN FISHING
Fish-locating qualities of some echo sounders. V. G. Azhazha. Ryb. khoz. 32 no. 11:11-17 N '56.

SONGS
Revolutionary songs. A. Novikova, I. Novikov. Sov. Kazakh. 22 no. 5:120-124 My '56.

[Songs for youth] Pesni dlia molodi. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1956. 308 p.

SONGS—HISTORY AND CRITICISM
The Soviet song in the fight for peace. S. Levit. Soob. Inst. ist. isk. no. 3:5-35 '55.

SORBENTS
Utilizing sorbents obtained from the by-products of the brown coal industry to improve plant nutrition. A. D. Khomenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:179-192 '52.

SORGHUM
Effect of the conditions of nutrition on the yield and quality of sweet sorghum. V. P. Popov, A. A. Popova. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:146-151 '48.

SORPTION
Sorption of binary solutions by natural and synthetic rubber vulcanizates. Part 3. Model analysis of the system polymer solvent-non-solvent [with English summary in insert]. G. L. Starobinets. Zhur. fiz. khim. 30 no. 9:2029-2038 '56.

Sorption of hydrogenated monomers by amorphous polymers in the glassy state [with English summary in insert]. V. A. Kargin, T. V. Gatovskaia. Zhur. fiz. khim. 30 no. 9:2051-2056 S '56.

SOSIURA, VOLODYMYR, 1898-
Kudin, O. L. [Volodymyr Sosiura; a lecture for correspondence students of pedagogical institutes] Volodymyr Sosiura; lektsiia dlia studentiv-zaochnykiv pedagogichnykh instytutiv. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 84 p.

SOUND
N. I. Lobachevskii's unknown paper on acoustics. I. N. Bronshtein. Akust. zhur. 2 no. 3:320-322 Jl-S '56.

SOUND—APPARATUS
Cylindrical radiator made of barium titanate ceramics for emitting sound waves along the axis of the cylinder. A. A. Anan'eva. Akust. zhur. 2 no. 3:323-325 Jl-S '56.

SOUND—MEASUREMENT
Modulation method for measuring small electric voltages in the acoustic frequency range. D. K. Balabukha, L. L. Minsnikov, E. N. Plotnikova. Akust. zhur. 2 no. 3:248-254 Jl-S '56.

SOUND—RECORDING AND REPRODUCING
Reproducing sound on 16 millimeter film. L. Burdakhin, V. Drobinskiyi. Radio no. 11:39-40 N '56.

SOUND—TRANSMISSION
Correlation method for measuring transmission distortion coefficients. M. A. Sapozhkov. Akust. zhur. 2 no. 3:279-284 Jl-S '56.

SOUND WAVES
Causes of acoustic flow and the role of pressure value gradients of acoustic radiation. P. N. Kubanskii. Zhur. tekh. fiz. 26 no. 10:2400-2401 O '56.
Computing impedance in some acoustic distribution systems. M. I. Karnovskii. Akust. zhur. 2 no. 3:267-278 Jl-S '56.
Effect of the speed of presonic flow on the radiation impedance of pistons with an infinite baffle. D. N. Chetaev. Akust. zhur. 2 no. 3:302-309 Jl-S '56.
Propagation of elastic waves in a medium with cylindrical channels. V. V. Tiutekin. Akust. zhur. 2 no. 3:291-301 Jl-S '56.
Propagation of sound in inhomogeneous media. L. M. Brekhovskikh. Akust. zhur. 2 no. 3:235-243 Jl-S '56.
Second approximation equations used in acoustics and the propagation of two-dimensional waves of finite amplitude. Z. A. Goldberg. Akust. zhur. 2 no. 3:326-328 Jl-S '56.

SOUND WAVES—INDUSTRIAL APPLICATIONS
"Sonics. Technique for the use of sound and ultrasound in engineering and science" [in English] by T. F. Huter, R. H. Bolt. Reviewed by L. D. Rozenberg. Akust. zhur. 2 no. 3:317-318 Jl-S '56.

SOUNDPROOFING
Soundproof chamber for ball mills. F. I. Trukhanov. Stek. i ker. 13 no. 10:12-13 O '56.

SOUTH BYSTRINSKIY RANGE
The South Bystrinskiy Range in Kamchatka. A. E. Sviatlovskii. Trudy Lab. vulk. no. 12:110-190 '56.

SOUTH KAZAKHSTAN PROVINCE—MACHINE TRACTOR STATIONS
Kasenia Shestakova's first grains a sketch. F. Chirva, M. Lezhnev. Sov. Kazakh. 22 no. 9:10-26 S '56.

SOUTH KOREA see Korea, South

SOVEREIGNTY
Respect for sovereignty is a firm principle of Soviet foreign policy. E. Korovin. Mezhdunar. zhizn' no. 11:27-37 N '56.

SOVETSKII SOIUZ (SHIP)
The "Soviet Union." Sov. Soiuz no. 12:32 D '56.

SOVIET
Nedbailo, P.E., and LN.Pakhomov. [The executive committee of the rural soviet and the organization of its work] Vykonkom sil's'kol Rady ta organizatsiia loho roboty. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1955. 46 p. (Na dopomohu pratsivnykam sil's'kykh Rad deputativ trudiashchykh)
Strengthening of the village soviets in the leading grain-growing districts during the period 1020-1031. L. F. Skliarov. Uch. zap. Ped. inst. Gertz. 102:59-85 '56.

SOVIET CENTRAL ASIA—DESCRIPTION AND TRAVEL
Tashkent. Universitet. [Survey of Russian travels and expeditions in Central Asia; materials for a history of the study of Central Asia. Pt. 2, 1850-1869] Obzor russkikh puteshestvii i ekspeditsii v Srednuiu Aziiu. Part 2, 1856-1869. Tashkent, Izd-vo Sredneaziatskogo gosudarstvennogo universiteta, 1956. 101 p. (Materialy k bibliografii, no. 7)

SOVIET CENTRAL ASIA—DIESEL LOCOMOTIVES
Effectiveness of using diesel locomotive traction on the railroads of Central Asia and Kazakhstan. I. G. Beskrovnyi, M. N. Belen'kii. Zhel. dor. transp. 38 no. 11:18-22 N '56.

SOVIET CENTRAL ASIA—DISCOVERY AND EXPLORATION
"Survey of Russian travels and expeditions to Central Asia"; materials for a study of Central Asia. Part 1: 1715-1856 by O. V. Maslova. Reviewed by K. I. Shafranovskii. Izv. AN Turk. SSR no. 3:93-95 '56.

SOVIET CENTRAL ASIA—GECKOS
Places inhabited by geckos of the genus Gymnodactylus in different parts of the areal. O. P. Bogdanov. Izv. AN Turk. SSR no. 4:83-84 '56.

SOVIET CENTRAL ASIA—MACHINE-TRACTOR STATIONS
Means for lowering the cost of tractor work at machine-tractor stations in republics of Central Asia. I. Karimov. Khlopkovodstvo 6 no. 11:12-19 N '56.

SOVIET CENTRAL ASIA—NUMISMATICS
The Samanids of Fergana according to numismatic data. E. A. Davidovich. Epig. Vost. no. 11:14-26 '56.

SOVIET CENTRAL ASIA—PETROLOGY
Popov, V.I. [Lithology of the Cenozoic molasses of Central Asia; with supplementary articles by N.B.Vassoevich and K.V.Babkov] Litologiia kainozoiskikh molass Srednei Azii. S prilozheniem statei N.B. Vassoevicha i K.V.Babkova. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR.
Pt. 2. 1956. 311 p.

SOVIET CENTRAL ASIA—RAILROADS
[Innovators of the Turkestan-Siberian Railroad; a collection of articles on the work methods of leading workers on the Turkestan-Siberian Railroad] Novatory Turksiba; sbornik statei ob opyte raboty peredovikov Turkestano-Sibirskoi zheleznoi dorogi. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 99 p.

SOVIET CENTRAL ASIA—REVOLUTION OF 1905
Features of the Revolution of 1905-1907 in Central Asia. A. V. Piaskovskii. Doki. i soob. Inst. ist. no. 9:46-63 '56.

SOVIET CENTRAL ASIA—SERICULTURE
Importance of sericulture in strengthening the economy of cotton-growing collective farms. N. Khafizov. Khlopkovodstvo 6 no. 11:28-30 N '56.

SOVIET CENTRAL ASIA—TICKS
On the mass reproduction and habitation of the ticks Ornithodorus talaje Guerin-Meneville, 1849 [with English summary in insert]. G. S. Pervomaiskii, K. P. Chagin, S. T. Boldyrev. Zool. zhur. 35 no. 9:1303-1311 S '56.

SOVIET CENTRAL ASIA—TOMBS
Central Asiatic river pebbles left in tombs. M. E. Masson. Epig. Vost. no. 11:3-13 '56.

SOVIET FAR EAST—ECONOMIC CONDITIONS
Pochivalov, L.V., and I.M.Shatunovskii. [A great region awaits you] Vas zhdet velikii kraĭ. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1956, 37 p.

SOVIET FAR EAST—MINE MANAGEMENT
Organization of work cycles in stoping. K. IA. Danil'chenko. Gor. zhur. no. 10:23-26 O '56.

SOVIET FAR EAST—SOYBEAN
Important source for the production of protein feeds in the Far East. P. I. Rykovskii. Zhivotnovodstvo 18 no. 11:13-17 N '56.

SOWING see subdivision under White Russia

SOYBEAN
(see also subdivision under Soviet Far East)
Soybean, a protein-rich oil and fodder plant. I. A. Minkovich. Nauka i pered. op. v sel'khoz. no. 10:15-17 O '56.

SPACE STATIONS
New screens, new possibilities. IU. Budantsev. Tekh. mol. 24 no. 11:10-11 N '56.

SPACES, GENERALIZED
Conditional probability spaces generated by a dimensionally ordered set of measures [in English]. A. Rényi. Teor. veroiat. i ee prim. no. 1:61-71 '56.
Spectral function of the operator $-\sum_{i,k=1}^{n}\frac{\partial}{\partial x_i}\left[a_{ik}(x_1,x_2,x_3)\frac{\partial u}{\partial x_k}\right]+c(x_1,x_2,x_3)u$. M. Sh. Fleksior. Mat. sbor. 40 no. 1:3-22 S '56.
Uniqueness of the representation of functions of many variables by a superposition of unctions of a smaller number of variables in Banach spaces. V. A. Trenogiun. Dokl. AN SSSR 110 no. 2:164-167 S '56.

SPAIN—FOREIGN RELATIONS—IRAN
Diplomatic relations between Spain and the Safavid state during the second half of the 16th century. E. Shukhmaliev. Uch. zap. AGU no. 7:117-127 '55.

SPANISH AMERICA see Latin America

SPARK, ELECTRIC see Electric spark

SPASMS
Intentional spasm of Rilf. S. N. Dotsenko. Zhur. nevr. i psikh. 56 no. 10:818-820 O '56.

SPATULA
Pneumatic spatula. Stroitel' 2 no. 3:12 Mr '56.

SPEAKING see Lectures and lecturing

SPECIAL LIBRARIES see Libraries, Special

SPECIFIC HEAT see Heat capacity

SPECTROGRAPH
Calibration of spectrograms by means of iron comparison spectrum for small-dispersion spectrographs. L. A. Mitrofanova. Astron. zhur. 33 no. 5:729-732 S-O '56.

SPECTROMETER
A new method for imporving the focusing properties of the lens spectrometer. B. S. Dzhelepov, No Son-chan, P. A. Tishkin. Izv. AN SSSR. Ser. fiz. 20 no. 8:947-950 Ag '56.
Precision magnetic alpha-ray spectrometer. L. L. Gol'din, E. F. Tret'iakov. Izv. AN SSSR. Ser. fiz. 20 no. 8:859-867 Ag '56.
Two-meter crystal diffraction gamma-ray spectrometer. P. I. Lukirskii, O. I. Sumbaev. Izv. AN SSSR. Ser. fiz. 20 no. 8:903-908 Ag '56.
Vertical focusing in the helical belta spectrometer. V. S. Shpinel', O. Sh. Grois. Zhur. tekh. fiz. 26 no. 10:2359-2268 O '56.

SPECTROMETRY
Luminescent spectrometer analysis of the gamma radiation of $Ir^{192}$. N. N. Deltagin, G. A. Kuznetsova, V. S. Shpinel'. Izv. AN SSSR. Ser. fiz. 20 no. 8:909-912 Ag '56.
Using thick-layer photoplates in studying the conversion electron spectra of $Ba^{137}$, $In^{113}$, and $In^{115}$ isomers in the beta-ray spectrometer. I. A. Antonova. Izv. AN SSSR. Ser. fiz. 20 no. 8:896-902 Ag '56.

SPECTROPHOTOMETRY
Addition to the article "Visual color perception of the spectral composition of the fluorescence of plants and their flowers." G. A. Tikhov. Trudy Sekt. astrobot. AN Kazakh. SSR 3:126-151 '55.
Balmar decrement of some diffuse nebulae. Soob. Biur. obser. no. 18:3-14 '56.
Comparing spectral intensity curves of Martian seas and of some terrestrial plants. K. I. Kozlova. Trudy Sekt. astrobot. AN Kazakh. SSR 3:102-111 '55.
Fluorescence of plants during exposures to light sources in various regions of the spectrum. Sh. P. Darchiia. Trudy Sekt. astrobot. AN Kazakh. SSR 3:211-218 '55.
Investigating the fluorescence of plants during their exposure to light sources of various spectral composition. Sh. P. Darchiia. Trudy Sekt. astrobot. AN Kazakh. SSR 3:195-210 '55.
Microspectrophotometry of protein inclusions in plant cells. M. Gol'din, V. Brodskii, F. Fedotina. Zhur. ob. biol. 17 no. 5:393-395 S-O '56.
Spectrophotometric analysis of mixtures of powdery substances. A. P. Ivanov, A. S. Toporets. Opt. i spektr. 1 no. 6:802-806 O '56.
Spectrophotometric method of determining small quantities of ascorbic acid in aqueous solutions. M. L. T'Sap. Biokhimiia 21 no. 5:534-537 S-O '56.
Spectrophotometry of flowers of plants of various coloration. K. I. Kozlova. Trudy Sekt. astrobot. AN Kazakh. SSR 3:160-170 '55.
Using an objective prism for determining the spectral brightness of Mars. IU. V. Glagolevskii, K. I. Kozlova. Trudy Sekt. astrobot. AN Kazakh. SSR 3:77-80 '55.
Visual color perception of the spectral composition of the fluorescence of plants and their flowers. G. A. Tikhov. Trudy Sekt. astrobot. AN Kazakh. SSR 3:112-125 '55.

SPECTRUM, INFRARED
Studying the spectral characteristics of plants in infrared region. M. P. Poreverun. Trudy Sekt. astrobot. AN Kazakh. SSR 3:177-194 '55.
Variations of intensity of nocturnal sky luminosity in the near infrared region. L. M. Fishkova. Biul. Abast. astrofiz. obser. no. 19:3-23 '56.

SPECTRUM, SOLAR
Energy distribution in the continuous spectrum of the central portion of the solar disc measured in absolute units. G. F. Sitnik. Dokl. AN SSSR 110 no. 2:193-196 S '56.

SPECTRUM ANALYSIS
Borovik-Romanova, T. F. [Spectrographic determination of alkali and alkaline earth elements (in water, plants, soils, and rocks)] Spektral'no-analiticheskoe opredelenie shchelochnykh i shchelochnozemel'nykh elementov (v vodakh, rasteniiakh, pochvakh i porodakh). Moskva, Izd-vo Akademii nauk SSSR, 1956. 193 p.
Effect of the iron on the luminescence of zinc sulfide activated by silver, copper and iron. A. I. Rusanova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 2:123-126 '55.
Investigating the structural changes in crystals by observing their spectra at low temperatures. V. L. Broude, A. F. Prikhot'ko. Kristallografiia 1 no. 3: 334-341 '56.
Light absorption and emission by admixtures subjected to excitation at the local vibration levels. A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 3:281-293 Jl-S '56.
On the shape of light absorption and emission bands of admixture centers. A. F. Lubchenko. Ukr. fiz. zhur. 1 no. 3:265-280 Jl-S '56.

SPECTRUM ANALYSIS—CONGRESSES see subdivision under Amsterdam

SPEED OF LIGHT see Light—Speed

SPERMATOZOA
How the feeding of sires affects the protein of their spermatozoids. L. P. Drozdova. Izv. TSKhA no. 2: 215-222 '56.

SPERMATOZOA (Continued)

[illegible] on the motility, [illegible] of spermatozoa [illegible] Izv. AN Kirg. SSR no. 11:87-91 '56.

SPERANSKAYA, MIKHAIL MIKHAYLOVICH, 1772-1812

[illegible] A. I. Maslova. Ist. SSSR, 1956, no. 1:101-110 Ja-F '56.

SPHAGNUM

(see also subdivision under Mosses, Transbaykalia)

Relation of the main physical characteristics of sphagnum [illegible] A. A. Lazovskaya, Mat. sbor. no. 3:201 '54.

SPHENES see subdivision under Tungsten-potassium Province

SPHERICAL TRIGONOMETRY see Trigonometry, Spherical

SPIRKIN see subdivision under Taran Da Valley

SPILLWAYS

[illegible] Method of calculating [illegible] for the determination of spillway [illegible] M. M. Pevzner. Gos. [illegible] i gidr. sooruzh. no. 2:3-42 '54.

Method of calculating [illegible] for the determination of spillway [illegible] M. M. Pevzner. Gos. [illegible] i gidr. sooruzh. no. 2:3-42 '54.

Using precast reinforced concrete in building chute spillways. M. A. Mirzoyev. Gidr. stroi. 25 no. 12:9-11 D '55.

SPINAL CORD, TUMORS

Spinal deformations in tumors of the spinal cord and in neurosurgical practice. P. I. Lukyanov. Ortop., travm. i protez. 17 no. 2:34-38 Mr-Ap '56.

SPINDLE TREE see subdivision under Georgia

SPINE, INFLAMMATION AND ANOMALIES

Management of hydrocele in tuberculous spondylitis with the method of plastic with a sagittal flap. N. N. Sokolov, Ortop., travm. i protez. 17 no. 2:21-25 My-Je '56.

SPINE, DISEASES

Symptomatology and clinical and laboratory data on certain diseases of the nervous system of viral etiology. G. M. Gurevich, Ortop., travm. i protez. no. 5:29-33 S-O '56.

Early diagnosis of combined spondylopathies. N. N. Sokolov, Ortop., travm. i protez. no. 5:33-38 S-O '56.

SPINE, FRACTURE

Functional condition of the muscles in patients following compression fracture of the spine. F. I. Chernyakova, Ortop., travm. i protez. no. 5:39-43 S-O '56.

SPINE, SURGERY

Experience in the surgical treatment of tuberculosis spondylitis. A. F. Vasilenko, Ortop., travm. i protez. 17 no. 4:27-33 Jl-Ag '56.

Basic principles of treating tuberculosis spondylitis. N. N. Sokolov, Ortop., travm. i protez. 17 no. 4:33-39 Jl-Ag '56.

Experience in the surgical treatment of tuberculosis spondylitis. M. N. Blagova, Ortop., travm. i protez. no. 5:18-25 S-O '56.

Treatment tuberculosis spondylitis. M. I. Frakhnik, Ortop., travm. i protez. 17 no. 4:45-49 Jl-Ag '56.

Spontaneous fracture of the bones of the lower extremities in tuberculous spondylitis. Ia. M. Brontvaishi, Ortop., travm. i protez. 17 no. 4:50 Jl-Ag '56.

Surgical treatment of fistular form of tuberculosis of the lumbosacral region of the spine. B. G. Kovalenko, Ortop., travm. i protez. 17 no. 4:24-29 Jl-Ag '56.

SPINNING

Rational use of raw material in flax spinning. M. V. Grachev, N. V. Khanin. Tekst. prom. 16 no. 9:36-41 S '56.

SPINNING MACHINERY

Automatic regulating device. V. V. Chistyakov. Tekst. prom. 16 no. 11:37-39 N '56.

Device for increased drawing. K. M. Gusin. Tekst. prom. 16 no. 11:23-25 N '56.

Experience in using various types of resistant covering. E. I. Semenova. Tekst. prom. 16 no. 9:34-35 S '56.

For an efficient increase in cop weight for cotton spinning machines. A. I. Zhukovich, K. M. Gusinskaya. Tekst. prom. 16 no. 11:20-22 N '56.

Tarasov, B.V. [Design and operation of flax-spinning machines] Ustroistvo i ekspluatatsiia priadil'nykh mashin l'nianoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 339 p.

SPITSAI

Comparative properties of oscillating balance. N. N. Sokolov. Dokl. AN SSSR 109 no. 6:1161-1163 D '56.



SPIROCHETOSIS

Mites of the species Alectorobius tholozani papillipes as carriers of spirochetosis. M. N. Sofiev. Vop. kraev. pat. no. 4:117-119 '54.

SPLEEN BLOOD SUPPLY

Relation of venous pressure to the storage of blood in the spleen. I. P. Kalinovskaia, E. G. Skipina. Fiziol. zhur. 42 no. 10:961-967 O '56.

SPLENTA (SURGERY)

New splint from celluloid tape. I. V. Ilyazkov. Ortop., travm. i protez. 17 no. 3:86 My-Je '56.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPOROZOA

The taxonomy of the Sporozoa (type Protozoa) [with English summary in insert]. E. M. Khelaia. Zool. zhur. 43 no. 9:1281-1290 S '56.

SPORTS

(see also subdivision under China; Kiev; Kishinev; Minsk; Pyongyang; Riga; United States)

Communist Youth League news. Mol. kolkh. 14 no. 11: 120-121 N '56.

Incumbent out of doors; a photosketch. I. Turichina, I. Pelkova. Sov. shen. 13 no. 12:8-10 D '56.

Festival of Soviet athletes. Sov. mor. 16 no. 17:16-17 S '56.

In the All-Union Committee. Sp. igry 2 no. 6:32 S '56.

In the All-Union Committee: New masters of sport, Honored trainers of the U.S.S.R. Sp. igry 2 no. 8:32 Ap '56.

School sports. A. Maaring. Prof.-tekh. obr. 13 no. 11: 21-22 N '56.

Spartakiada of the Peoples of the U.S.S.R. Sov. voin 38 no. 16:16-17 Ag '56.

Winners and losers; notes on the Spartakiada of the peoples of the U.S.S.R. B. Larin, V. Frolov. Sp. igry 2 no. 8:13-16 Ag '56.


SPORTS--BIBLIOGRAPHY see Bibliography--Sports


SPORTS--OFFICIATING

Low-voltage equipment of the stadium. M. B. Lebedinskii, I. I. Shvarts, G. A. Frenkel'. Gor. khoz. Mosk. 30 no. 9:33-36 S '56.


SPRUCE see subdivision under Kamchatka; Kurile Islands


SPRINGS (MECHANISM)

Analytic investigation of the torque diagram of the "Pobeda" watch spring. E. I. Levitan. Chas. mekh. no. 1:103-115 '55.

Davidenkov, N. N., ed. [Problems in the design, manufacture and service of springs] Voprosy proektirovaniia, izgotovleniia i ekspluatsii pruzhin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 266 p.

Fuses for compensating spring moments. E. I. Levitan. Chas. mekh. no. 1:116-123 '55.

Improving the quality of material used for hairsprings. V. A. Romanov, S. N. Podolinskaia. Chas. mekh. no. 1:153-164

SQUARES, LEAST see Least squares

STABILITY

Theory of A. M. Liapunov's second method for the study of stability. N. N. Krasovskii. Mat. sbor. 40 no. 1: 21-64 S '56.

STABILITY OF SHIPS

Analytical method of determining the amount of ballast needed or lowering the gravitational center of the ship for obtaining the required stability. N. F. Voevodin. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:96-103 '54.

Determining the elements of stability in the affine transformation of the theoretical drawing. E. V. Sukacheva. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6: 116-118 '54.

Determining the leading dimensions of the ship considering the calculation of its stability under large angles of inclination. N. B. Sevast'ianov. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:63-95 '54.

STABLES

How to wire a stable for 30-40 horses. O. N. Dylkin. Kolkh. Pol. 4 no. 10:33-34 O '56.


STADIUMS

(see also subdivision under Leningrad; Moscow)


Principles of lighting athletic installations in the Lenin Central Stadium. N. V. Gorbachev, V. M. Tsar'kov. Svetotekhnika 2 no. 6:1-8 N '56.


STADIUMS--LIGHTING see subdivision under Hamburg, Germany

STAGE see Actual; Actors; Theater

STAINLESS STEEL see Steel, Stainless


STAINS AND STAINING (MICROSCOPY)

Determining the functional state of cells of the renal epithelium by in vivo staining. G. S. Krok. Shor. trud. Khar'. vet. inst. 21:60-65 '56.

STAIR BUILDING

Universal form for making concrete steps. M. Manskii. Stroitel' 2 no. 3:12 Mr '56.

STALIN, IOSIF, 1870-1953

Overcome completely the consequences of the cult of the individual in educational work. E. Afanasenko. Nar. obr. no. 11:11-15 N '56.

STALINABAD--MOSQUITOES

Dynamics of the number and the gonotrophic cycle of Anopheles superpictus Grassi, chief carrier of malaria in Stalinabad. E. P. Luppova. Trudy AN Tadzh. SSR 21:81-97 '54.

STALINGRAD--TRACTORS

Sidel'nikov, M. S., N. D. Chernyshev, and A. G. Galvoronskii, eds. [Labor productivity of the Stalingrad Tractor Plant; practices of a group of tractor builders] Proizvoditel'nost' truda na Stalingradskom traktornom zavode; iz opyta raboty kollektiva traktorostroitelei. [Stalingrad] Stalingradskoe kn-vo, 1955. 100 p.

STALINGRAD CANAL

Akademiia nauk Kazakhskoi SSR, Alma-Ata, TSentral'-naia nauchnaia biblioteka. [Stalingrad Canal zone (the northern part of the Caspian Depression; natural resources; the economy; the transformation of nature; economic development, and hydraulic construction. A bibliography] Zona Stalingradskogo kanala (Severnaia chast' Prikaspiiskoi nizmennosti); prirodnye usloviia, narodnoe khoziaistvo, preobrazovanie prirody, ekonomicheskoe osvoenie i gidrotekhnicheskoe stroitel'stvo. Bibliograficheskii ukazatel'. Alma-Ata, 1953, 181 p.

STALINGRAD PROVINCE--FRUIT CULTURE

Present state and prospective development of horticulture in Stalingrad Province. T. I. Gorin. Sel'khoz. Povol. no. 10:47-49 O '56.

STALINGRAD PROVINCE--WINDBREAKS, SHELTER-BELTS, ETC.

Green barrier to sirocco-like winds. Sel'khoz. Povol. no. 10:40 O '56.

Kanyshin-Stalingrad State Shelterbelt has been completed. O. I. Rozhkov, A. G. Grachev. Les. khoz. 9 no. 11:10-20 N '56.

STALINO--MINING ENGINEERING--STUDY AND TEACHING

Teaching the better practices. Mast. ugl. 5 no. 10:30 O '56.

STALINO PROVINCE--KINDERGARTEN

Extend the pedagogical qualifications of kindergarten personnel. H. Ivtukhov. Doshk. vykh. 17 no. 11:8-9 N '56.

STAMPING (METALS) see Sheet-metal work

STANDARD OF LIVING see subdivision 'Cost and standard of living' under France

STANDARDS, ENGINEERING

[Information index of standards.] Informatsionnyi ukazatel' standartov 17 no. 11 '56.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Changes in government standards (GOST and OST) during 1955; 1956 supplements] Izmeneniia k Gosudarstvennym Standartam (GOSTam i OSTam) 1955 g.; dopolneniia, 1956. Izd. ofitsial'noe. [Moskva] Gos. izd-vo standartov "Standartgiz," 1956. 265 p.

STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938

Poor Stanislavskii. A. Efros. Teatr. 17 no. 10:62-66 O '56.

STAPHYLOCOCCUS

Characteristics of hyaluronidase-active staphylococci isolated from chronic wound processes in veterans of World War II. A. IA. Baslevich. Ortop., travm. i protez. no. 5:48-52 S-O '56.

Dynamics of phagocytosis in staphyloderma during treatment by electrophoresis of staphylococcal antiphagin. G. S. Antonov. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:68-02 O-D '56.

Studying the changeability of the pyogenic coccal microflora of suppurative-inflammatory processes when treated with plasma combined with other drugs. Report no. 1. P. T. Koryt'. Vop. perel. krovi. 4:145-154 '56.

STARO-NIZHESTEBLIYEVSKAYA--VOCATIONAL GUIDANCE

Conference on the choice of profession. V. Naidin. Nar. obr. no. 11:88-90 N '56.

STARODUB, ALEKSANDR

Aleksandr Starodub as Volodia. Teatr. 17 no. 10:145 O '56.

STARS

An indication of the interaction of stars and diffuse matter. T. A. Agekian and others. Astron. zhur. 33 no. 5:670-681 S-O '56.

STARS (Continued)
Investigating the kinematics and determining the luminosity function of white dwarfs. E. D. Pavlovskaia. Astron. zhur. 33 no. 5:660-670 S-O '56.
Perturbation of the motion of comets by stars. K. A. Shteins. Astron. zhur. 33 no. 5:756-760 S-O '56.
Stars with isothermal degenerate cores. A. O. Reznikov. Astron. zhur. 33 no. 5:654-659 S-O '56.

STARS—CATALOGS
Systematic differences in the positions of bright and faint stars in the General Catalogue. A. G. Oborneva. Astron. zhur. 33 no. 5:741-748 S-O '56.

STARS—CLUSTERS
Open clusters NGC 1528 and NGC 1545. K. A. Barkhatova. Astron. zhur. 33 no. 5:733-740 S-O '56.

STARS—CONSTITUTION
Internal structure of a rotating star. V. V. Porfir'ev. Astron. zhur. 33 no. 5:690-697 S-O '56.

STARS—DISTRIBUTION
Plan for a general study of selected areas of the Milky Way. P. P. Parenago. Astron. zhur. 33 no. 5:749-755 S-O '56.

STARS—PROPER MOTION
Dissipation of B stars perpendicularly to the galactic plane. L. A. Pannotov. Astron. tsir. no. 171:19-20 Jl '56.
Investigating the function of distribution of velocities of stars using the analysis of proper motion components [with summary in English]. A. F. Torondzhadze. Biul. Abast. astrofiz. obser. no. 20:55-64 '56.
Investigating the mean radial and tangential velocities of stars and evaluating the accuracy of catalogue values of parallaxes [with summary in English]. M. G. Kolkhidashvili. Biul. Abast. astrofiz. obser. no. 20:65-164 '56.
Problems in the kinematics of the local star cloud [with summary in English]. A. F. Torondzhadze. Biul. Abast. astrofiz. obser. no. 20:45-53 '56.

STARS—SPECTRA
Calibration of spectrograms by means of iron comparison spectrum for small-dispersion spectrographs. L. A. Mitrofanova. Astron. zhur. 33 no. 5:729-732 S-O '56.
Continuous spectrum of BE type stars. Ch'oe Chai O. Astron. zhur. 33 no. 5:682-689 S-O '56.

STARS—TEMPERATURE
Temperature of nuclei of planetary nebulae. G. A. Gurzadian. Soob. Biur. obser. no. 19:15-27 '56.

STARS, DOUBLE
Fetlaar's coefficients for small values of radial ratios of eclipsing variable components. F. I. Lukatskaia. Publ. Kiev. astron. obser. no. 7:93-94 '56.
Photoelectric observations of the spectroscopic binary BD + 39°611 [with summary in English]. N. L. Magalashvili, IA. I. Kumsishvili, N. A. Razmadze. Biul. Abast. astrofiz. obser. no. 20:11-15 '56.
Wide pairs of stars. P. G. Kulikovskii. Astron. tsir. no. 171:16-19 Jl '56.

STARS, VARIABLE
Brief remarks on nine uninvestigated stars from the KZP. G. E. Erieksova. Astron. tsir. no. 171:24-25 Jl '56.
Brightness and color variation of P Cygni [with summary in English]. N. L. Magalashvili, E. K. Kharadze. Biul. Abast. astrofiz. obser. no. 20:3-10 '56.
Development of scientific studies on variable stars at the Central Astronomical Observatory of the Academy of Sciences of the Ukrainian S. S. R. Vlanyk AN URSR 27 no. 11:48 N '56.
Five uninvestigated variable stars. V. P. TSesevich. Astron. tsir. no. 171:20-21 Jl '56.
Maxima of 17 Mira variables in Sagittarius. G. E. Erieksova. Astron. tsir. no. 171:23-24 Jl '56.
Maxima of 20 mirids. A. V. Solov'ev. Astron. tsir. no. 171:21-22 Jl '56.
Photographic photometry of variable stars during the exposure. D. A. Rozhkovskii. Astron. tsir. no. 171: 14-16 Jl '56.

STASOVA, ELENA DMITRIEVNA, 1873-
From the correspondence of E. D. Stasova and K. T. Novgorodtseva (Sverdlova); March-December, 1918. Vop. ist. no. 10:85-101 O '56.

STATE FARMS
(see also subdivision under Adamovka District; Bulaevo-District; Rostov Province; Shchuchiusk District)
Boivinnik, N. V. [The "Chervlennye Buruny" State Sheep Breeding Farm] Plemennoi ovtsevodcheskii sovkhoz "Chervlennye Buruny." Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 53 p. (Peredovoi opyt v sel'skom khoziaistve) (DA)
Economics of diversified farming. A. A. Pak, M. A. Ugai. Sovkhoz. proizv. no. 10:18-20 O '56.
An example of persistent struggle for strengthening the farm economy. A. F. Ananichuk. Sovkhoz. proizv. no. 10:20-24 O '56.
Marinko, L.L. [State farms and their role in effecting a sharp rise in agriculture] Sovkhozy i ikh rol' v osushchestvlenii krutogo pod"ema sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," 1956, 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika sel'skogo khoziaistva. Vyp. 2, no. 10)
Measures for the fulfillment of production and financial plans for 1956. Sovkhoz. proizv. no. 10:79-80 O '56.
Readers' remarks on "Cooperative construction work on state farms." Sovkhoz. proizv. no. 10:28-29 O '56.
That's the way it began. M. Shntrov. IUnost' no. 11:112 N '56.
To the good of the billion poods of Siberian grain. P. L. Smorodov. Sovkhoz. proizv. no. 10:12-15 O '56.
When there is negligence in wintering cattle. E. Kronskii. Sovkhoz. proizv. no. 10:53-54 O '56.

STATE FARMS—ACCOUNTING
"Analysis of the economic aspects of state farms" by S. I. Nedelin. Reviewed by B. Synzynys, S. Samedov. Bukhg. uchet. 15 no. 11:58-60 N '56.
Change the methods of calculating cost of production in sheep breeding on state farms. N. A. Vasil'ev. Ovtsevodstvo no. 10:8-10 O '56.
Let's simplify accounting. M. IAkubovskii. Sovkhoz. proizv. no. 10:77 O '56.
Vasil'ev, D.G. [Business accounting cost on state farms] Khozraschet i sebestoimost' v sovkhozakh. [Moskva] Moskovskii rabochii, 1956. 45 p.

STATICS
Static turn of a crawler trailer. F. A. Opeiko. Trudy Inst. torf. AN BSSR 5:145-152 '56.

STATISTICS
(see also subdivision under Russia)
Accounting statistics and the science of statistics. B. G. Ploshko. Nauch. zap. Len. fin.-ekon. inst. no. 8:158-171 '55.
Statistics in the correspondence between K. Marx and F. Engels; bibliographical information. N. N. Semikov. Nauch. zap. Len. fin.-ekon. inst. no. 9:136-142 D '56.
[A theory of statistics] Teoriia statistiki. Izd. 2-oe, perer. i dop. Moskva, Gos. statist. izd-vo, 1956. 604 p.

STATISTICS—CONGRESSES see subdivision under Geneva

STATISTICS, MATHEMATICAL see Mathematical statistics

STAVROPOL—MUNICIPAL SERVICES
Compete with the inhabitants of Stavropol'. Zhil.-kom. khoz. 6 no. 6:1 '56.
Inhabitants of Stavropol' plan and organize public services in their city. P. Ivanov. Zhil.-kom. khoz. 6 no. 6:2-6 '56.

STAVROPOL TERRITORY—AGRICULTURE—STUDY AND TEACHING
Organizing students' practice work in agriculture. Sov. pedag. 20 no. 12:122-123 D '56.

STAVROPOL TERRITORY—BEE CULTURE—STUDY AND TEACHING
Eliminate shortcomings in training beekeepers. A. I. Alen'kin, V. G. Mozgachev. Pchelovodstvo 33 no. 11: 52-53 N '56.

STAVROPOL TERRITORY—ECONOMIC CONDITIONS
Signs of the seasons. E. Kabachenko. Nash. sovr. 4: 212-214 '56.

STAVROPOL TERRITORY—HEALTH RESORTS, WATERING PLACES, ETC.
Dmitriev, Evgenii. [Caucasian mineral waters; a brief guidebook] Kavkazskie mineral'nye vody; kratkii putevoditel'. Moskva, Gos. izd-vo geogr. lit-ry, 1956, 65 p.

STEALING see Larceny

STEAM
Collecting and purifying vapor condensate in by-product coking plants. L. A. Toptygin. Koks i khim. no. 7:51-53 '56.

STEAM, SUPERHEATED
Automatic control of superheated steam temperature in TP-150 boilers. M. A. Duel'. Teploenergetika 3 no. 11:30-37 N '56.
Solubility of NaCl at 110 atm in superheated steam of once-through boilers. G. I. Aleinikov and others. Teploenergetika 3 no. 12:10-14 D '56.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM ENGINES
Gidon, L.M. [Steam engine regulating equipment] Regulirovanie lokomobil'nykh ustanovok. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956, 229 p.
Podd'iakov, N.V., and IU.N.Kuz'min. [Operation and repair of steam engines used in agriculture] Ekspluatatsiia i remont lokomobilei v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 190 p.

STEAM JETS—MODELS
A steam-jet engine model. I. P. Ambrulla vičius. Fiz. v shkole 16 no. 6:73 N-D '56.

STEAM TURBINES
Increasing the surface of the packing heater. G. D. Bukhman. Elek. sta. 27 no. 10:54 O '56.
Scientific and technical meeting on thermal systems of steam-turbine installations for high and supercritical parameters. D. D. Katafati. Teploenergetika 3 no. 12: 56-57 D '56.
Steam turbine control with water as the working medium. V. N. Veller, G. A. Kirakosiants, D. M. Levin. Teploenergetika 3 no. 12:25-26 D '56.
"Steam turbines" by P. N. Shliakhin. Reviewed by G. S. Samoilovich, B. M. Trianovskii. Teploenergetika 3 no. 12:60 D '56.
Use of reversible controlled bleed in district-heating steam turbines. S. M. Shukher. Teploenergetika 3 no. 11:61-62 N '56.
VRT-25 turbines manufactured by the Kharkov Turbogenerator Plant. P. N. Shliakhin. Teploenergetika 3 no. 12:56 D '56.

STEAMPIPE COVERINGS
Grushman, R.P. [Industrial methods for heat insulation of pipes by means of mineral wool] Industrial'nyi sposob teploizoliatsii truboprovodov mineral'noi vaty. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 26 p. (Novatory stroitel'noi industrii)

STEAMPIPES
Heat losses in steam mains of industrial establishments. A. D. Akimenko. Prom. energ. 11 no. 11:14-16 N '56.

STEARIN
History of stearin-olein and candle production in Russia (I. P. Ilimov's work). A. S. Kliuchevich. Trudy inst. ist. est. i tekh. 12:338-352 '56.

STEEL
Current trends in the development and use of heat-resistant materials in turbine manufacturing. P. B. Mikhailov-Mikheev. Teploenergetika 3 no. 12:3-10 D '56.
Evaluating the degree of dendritic liquation of carbon in steel by the microhardness method. I. N. Golikov, E. D. Mikhir. Zab. lab. 22 no. 9:1052-1056 '56.
Promsyr'eimport, Vsesoiuznoe ob"edinenie. [Steel for electric engineering] Stal' elektrotekhnicheskaia. Moskva, [n.d.] 11 p.
Resistance of carbon steels to uniaxial deformations. M. A. Zaikov. Trudy Sib. met. inst. no. 2:30-55 '55.
Use of thermocouples for temperature control of liquid steel in steel smelting sections of the Kuznetsk Metallurgical Combine. A. N. Vasil'ev and others. Zav. lab. 22 no. 9:1127-1130 '56.

STEEL—ANALYSIS
Determination of carbon content in steel based on the hardness of quenched test pieces. M. G. Platigorskii. Zav. lab. 22 no. 7:778-781 '56.
Physical methods for studying slow-speed conversions in high-alloy steel. IA. S. Gintsburg, IU. M. Margolin, A. F. Sachavskii. Zav. lab. 22 no. 9:1046-1052 '56.
Roentgenographic method for determining carbon in the cemented zone. M. D. Perkas. Zav. lab. 22 no. 9: 1061-1063 '56.
Taking specimens for determining the hydrogen content of steel manufactures. A. N. Morozov, D. IA. Povalotskii, V. F. Isaev. Zav. lab. 22 no. 7:867-869 '56.

STEEL—CORROSION
Cathodic protection against corrosion of offshore structures in the petroleum industry. A. A. Farkhadov. Trudy Gipromorneftі no. 1:230-249 '54.
Changing the corrosion resistance of hardened steel during tempering. K. F. Starodubov, S. H. Chernlava'ka. Dop. AN URSR no. 2:140-143 '56.
Corrosion of steel in phosphoric acid solutions. D. IA. Kagan. Teploenergetika 3 no. 12:23-24 D '56.
Determining the stability of coatings and necessity of preparing steel surfaces being protected. R. G. Gadzhieva, M. S. Trifel'. Trudy Gipromorneftі no. 1: 176-205 '54.
Investigation of corrosion vapors formed in sea water by different steels. A. A. Farkhadov. Trudy Gipromorneftі no. 1:71-81 '54.
Steel corrosion in offshore petroleum industries. T. M. Shanina and others. Trudy Gipromorneftі no. 1:13-56 '54.

STEEL—ELECTROMETALLURGY
Edneral, F.P., and A.F.Filippov. [Calculations in the electrometallurgy of steel and ferrous alloys] Raschety po elektrometallurgii stalі i ferrosplavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956, 199 p.
Problems of surface layer alloying while machining the steel by electric sparks. A. A. Spiridonov. Trudy Ural. politekh. inst. no. 50:55-68 '56.

STEEL—ETCHING
Brief news. Zav. lab. 22 no. 7:833 '56.

STEEL—FATIGUE
X-ray analysis of steel fatigue. E. A. Mamontov. Uch. zap. Ped. inst. Gerts. 125:31-40 '56.

:EL—HARDENING
ıyllov, N. D. [Our experience in hardening steel] Nash ıpyt zakaliki stali [Moskva] Izd-vo VTsSPS Profizdat, 956. 62 p. (Rasskazy novatorov)

:EL—METALLURGY
uzin, V. G., and V. N. Savelko. [Founding characteristics of 25L, 25KhM and 25KhMF steel] Liteinye svoiva stalei 25L, 25KhM i 25KhMF. Moskva, Izd-vo Akademii nauk SSSR, 1956. 14 p. (Informatsiia o nauch-o-issledovatel'skikh rabotakh. Tema I, no. I-56-8)

:EL—PROTECTION
udying the potential of steel with a protective cement :oating in sea water. Z. Sh. Garaev, A. A. Farkhadov. Trudy Gipromorneft no. 1:172-177 '54.

:EL—TESTING
determining deformations and stresses in flat parts with he aid of fine grids. B. P. Sokolov. Energomashino-troenie no. 11:7-12 N '56.
aterminating slaty fracture in steel. N. S. Fedotenko. Zav. lab. 22 no. 7:855-856 '56.
valuating steel sensitiveness to temper and thermal brittleness. P. B. Mikhailov-Mikheev. Zav. lab. 22 no. 7:849-853 '56.
ow curves representing steel deformations. M. A. Zaikov. Trudy Stb. met. inst. no. 2:99-108 '55.
vestigating stress concentration in "admiralty" test pieces. B. A. Meisner. Zav. lab. 22 no. 7:853-855 '56.
roperties of heat-resistant EI-257-T steel. I. N. Lagun-tsov, T. F. Semenova. Teploenergetika 3 no. 11:42-45 N '56.
ory of a machine. Evgenii Moskatov. Znan. sila 31 no. 11:1-6 N '56.
ltrasonic impulse-reflection method for testing tur-bine disks. B. IA. Litvinenko. Zav. lab. 22 no. 9: 1068-1070 '56.
sing various forms of the end-quench hardenability test. A. A. Gol'denberg. Zav. lab. 22 no. 9:1063-1068 '56.

:EL—WELDING
anufacturing welded austenitic steel rotors; from the xperience of the Leningrad Metallurgical Plant and he Central Scientific Research Institute of Technolo-gy and Machinery Manufacturing. V. A. Toropov, G. I. Mart'ianov. Energomashinostroenie no. 11:18-20 N 56.

:EL, STAINLESS
labakov, A. A. [Stainless steel, properties and chemical stability in various corrosive media] Nerzhaveiushchie stali svoistva i khimicheskaia stoikost' v razlichnykh agressivnykh sredakh. Pod red. L.IA.Klinova. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 129 p. (Korroziia v khimicheskikh proizvodstvakh i sposoby zashchity, no. 8)
roperties of Kh13N4G9 stainless steel in drawing. T. A. Sitnikova, G. S. Keilin. Med. prom. no. 3:35-36 Jl-S '55.

:EL, STRUCTURAL
.pplying used steel rods in building silos. E. K. Grabin-skii. Nov. tekh. i pered. op. v stroi. 18 no. 5:13-14 My '56.
hel'nov, V. A. [Fast grinding of alloyed structural steel] Skorostnoe shlifovanie legirovannykh konstruk-tsionnykh stalei. Moskva, Gos. izd-vo obor. promyshl., 1956. 126 p.

EEL ALLOYS—BRITTLENESS
emper brittleness of low-alloy steels. P. G. Melkumian. Azerb. neft. khoz. 35 no. 7:38-39 Jl '56.

EEL ALLOYS—METALLOGRAPHY
ontact microroentgenography of alloy steels and alloys. B. A. Movchan. Zav. lab. 22 no. 7:817-820 '56.

EEL ALLOYS—TESTING
Fractographic method for controlling the quality of heat treatment. Z. N. Krasil'shchikov, E. N. Shvach. Zav. lab. 22 no. 9:1058-1061 '56.

EEL CASTINGS
lonshrinking casting. P. Vadilo. Tekh. mol. 24 no. 11: 31 N '56.

EEL PIPE see subdivision 'Pipe, Steel' under Pervour-al'sk

EINLEN, THEOPHILE ALEXANDRE, 1859-1923
Steinlen. C. M. Vsem. stud. nov. 10 no. 9/10:11 S-O '56.

'EPANAKERT DISTRICT—WHEAT
From studies of grain crops in Stepanakert District of Nagorno-Karabakh Autonomous Province. V. V. Mishin-kina. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7: 183-198 '55.

'EPANOV, ALEKSEI STEPANOVICH, 1856-1923
Lavrova, O. I. Aleksei Stepanovich Stepanov, 1856-1923. Moskva, Gos. izd-vo "Iskusstvo," 1956. 46 p.

'ERILITY IN ANIMALS
Eliminate barrenness and death. N. F. Poliakov. Nauka i pered. op. v sel'khoz. no. 10:32-34 O '56.
Preventing barrenness in cows. I. I. Martynenko, A. P. Koval'ov. Sots. tvar. 28 no. 11:56-58 N '56.
Raising the conception rate of cows and heifers. N. A. Flegmatov, V. S. Shipilov. Veterinariia 33 no. 12:53-61 D '56.

STERILIZATION
Scientific and practical problems in radiant sterilization and pasteurization. M. N. Meisel', N. D. Chernaev. Vest. AN SSSR 26 no. 11:38-45 N '56.

STEROIDS
Amount of 17-ketosteroids and pregnandiol in urine in normal women and in breast cancer and other masto-pathies. I. A. Eskin, V. I. Kazhdan, O. V. Sviatukhina. Probl. endok. i gorm. 2 no. 5:57-60 S-O '56.
Reaction of the adrenal cortex to ACTH in Itsenko-Cushing disease. A. A. Zakharycheva, M. A. Samo-khvalova. Probl. endok. i gorm. 2 no. 5:100-103 S-O '56.
Value of the determination of 17-ketosteroids as an index of actual and potential reserves of the adrenal cortex. N. A. Il'ina, G. V. Ordynets. Probl. endok. i gorm. 2 no. 5:95-99 S-O '56.

STIEGLITZ, ALFRED, 1864-1946
Stieglitz, pioneer of photography. Amerika no. 3:56-61 '56.

STILBENE—OPTICAL PROPERTIES
Absorption and dispersion of light in stilbene crystals at room and at low temperatures. M. S. Brodin. Opt. i spektr. 1 no. 7:870-880 N '56.

STILBENEDIOL
Use of stilboestrol in sheep breeding. M. E. Bulashevich. Ovtsevodstvo no. 10:45-46 O '56.

STOCK AND STOCKBREEDING
(see also subdivision under Argentina; David-Gorodok District; Moscow; Ukraine; United States; Uzbekistan)
Advance of animal husbandry. V. Lazuta. MTS 16 no. 11:13-16 N '56.
[Agriculture abroad; translations and surveys of foreign periodical literature.] Sel'skoe khoziaistvo za rube-zhom 2 no. 6 '56. 171 p. (DA)
Computing the working days expended per unit of production in animal husbandry. A. A. Miroshnik, N. V. Lozovskii. Zhivotnovodstvo 18 no. 11:9-12 N '56.
Conducting practical courses in animal husbandry for students of city schools. I. I. Moshin. Est. v shkole no. 9:85-88 N-D '56.
Effective measures for saving young stock. A. A. Kudriavtsev, V. A. Alikaev, A. V. Kuz'michev. Nauka i pered. op. v sel'khoz. no. 10:2-3 O '56.
Experience in stock raising on the "Gorki Leninskie" Farm. V. I. Lysogorov. Mich. uch. na sluzh. nar. no. 3:190-195 '55.
Feeding and fattening livestock is profitable for the state as well as for collective farms. N. V. Arochka. Kolkh. Bel. 4 no. 10:17-18 O '56.
If there were no losses. Nauka i pered. op. v sel'khoz. no. 10:35-36 O '56.
Methodological problems in crossing farm animals. N. A. Kravchenko. Zhivotnovodstvo 18 no. 11:26-33 N '56.
Michurinian agrobiology as the theoretical basis of stockbreeding. S. L. Ioannisian. Mich. uch. na sluzh. nar. no. 3:181-189 '55.
Michurin's theories in animal science and husbandry. V. V. Shaumian. Mich. uch. na sluzh. nar. no. 3:157-161 '55.
Michurin's theories in stockbreeding. S. G. Davydov. Mich. uch. na sluzh. nar. no. 3:162-171 '55.
Mutual relationship of selection, culling, and breeding methods. A. IA. Malakhovskii. Zhivotnovodstvo 18 no. 11:18-25 N '56.
Popova, V. M., ed. [Principles of livestock raising] Osnovy zhivotnovodstva. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 234 p. (Trekhletnie agrozootekhnicheskie kursy. 1 g. obucheniia) (DA)
Raising the conception rate of cows and heifers. N. A. Flegmatov, V. S. Shipilov. Veterinariia 33 no. 12:53-61 D '56.
Role of vitamins A, D, $B_1$, $B_2$, and $B_{12}$ in stockbreeding. A. I. Solntsev. Izv. TSKhA no. 2:187-192 '56.
Rumanian readers on the periodical "Zhivotnovodstvo." I. Martin. Zhivotnovodstvo 18 no. 11:91-92 N '56.
Seminaries for sheep-breeding zootechnicians at the All-Union Agricultural Exhibition. Ovtsevodstvo no. 11:46-47 N '56.
Strelkov, M. N. [Assembling equipment on a stock farm] Montazh oborudovaniia na zhivotnovodcheskikh fermakh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 139 p.
The supply of livestock products has been doubled. N. Kul'batskii, V. Speranskii. MTS 16 no. 10:7-9 O '56.
"Transactions of Pushkino Scientific Research Laboratory." Reviewed by V. D. Evdokimov, D. V. Matveenko, P. V. Mikheev. Zhivotnovodstvo 18 no. 11:83-89 N '56.
"Transactions of Pushkino Scientific Research Laboratory for the Breeding of Farm Animals." Reviewed E. A. Novikov. Zhivotnovodstvo 18 no. 11:81-82 N '56.
Valuable experience in raising the young. A. N. Meliukov. Nauka i pered. op. v sel'khoz. no. 10:8-9 O '56.
We are increasing our production of milk and meat. B. I. Osovtsov. Kolkh. Bel. 4 no. 8:16 Ag '56.
When there is negligence in wintering cattle. E. Kron-skii. Sovkhoz. proizv. no. 10:53-54 O '56.

STOCK AND STOCKBREEDING—BIBLIOGRAPHY see Bibliography—Stock and stockbreeding

STOCK AND STOCKBREEDING—CONGRESSES
The Third International Congress on Breeding Livestock. O. V. Kvasnyts'kyi, H. V. Parshutin, M. P. Kuznetsov. Visnyk AN URSR 27 no. 11:41-46 N '56.

STOCK AND STOCKBREEDING—STUDY AND TEACHING see subdivision under Arti District

STOCKINGS see subdivision 'Hosiery' under Tashkent

STOCKJUDGING
Defective judging methods. N. V. Grebnev. Zhivot-novodstvo 18 no. 11:71-72 N '56.

STOCKS (HORTICULTURE)
Testing stocks for dwarf pear trees. V. A. Enke. Sad i og. no. 10:47-48 O '55.

STOKERS, MECHANICAL
Mechanical stoker for nonassorted fuel. V. I. Brazhni-kov. Nauch. trudy trudy NPI 26:355-362 '55.
Use of variable-speed controls in the kinematic system of chain-grate drives. M. IA. Kriger. Energetik 4 no. 11:19-23 N '56.

STOMACH—CANCER
Gastric cancer in a 13-year-old girl. I. E. Sandukov-skii. Pediatriia 39 no. 4:81-82 Jl-Ag '56.

STOMACH—DISEASES
Gastric diseases preceding cancer. E. S. Futorian. Fel'd. i akush. 21 no. 10:3-8 O '56.
Prevent stomach diseases in animals. I. I. Kazanskii. Nauka i pered. op. v sel'khoz. no. 10:4-5 O '56.

STOMACH—EXPLORATION
Rule for collecting specimens of gastric contents. A. A. Sechkova. Med. sestra 15 no. 10:21-23 O '56.

STOMACH—SURGERY
Minutes of sessions nos. 1165 and 1166 of the Pirogov Surgical Society. Vest. khir. 77 no. 10:143-147 O '56.
New method of rumenotomy. I. I. Magda, N. E. Shatduga, V. M. Voskoboinikov. Sbor. trud. Khar'. vet. inst. 21: 425-431 '56.

STOMACH—ULCERS
Badyl'kes, S. O. [Ulcers of the stomach and the duodenum] IAzvennaia bolezn' zheludka i dvenadtsati-perstnoi kishki. Izd. 2-e, perer. i dop. Moskva, Medgiz, 1956. 318 p. (DAFM)

STOMATOLOGY
Russia (1923- U.S.S.R.) Armiia. Stomatologicheskaia poliklinika, No. 209. [A collection of scientific papers of the 209th Stomatological Polyclinic] Sbornik nauch-nykh rabot. Simferopol, 1956. 143 p., illus. (DAFM)
Shargorodskii, L. E. [Laboratory technique and knowledge of materials in orthopedic stomatology] Laboratornaia tekhnika i materialovedenie v ortopedicheskoi stomato-logii. Moskva, Medgiz, 1956. 372 p., illus. (DAFM)

STOMATOLOGY—ABSTRACTS
[Abstracts of Soviet medical literature: Stomatology.] Sovetskoe meditsinskoe referativnoe obozrenie: Sto-matologiia no. 6 '56.

STONE see subdivision under Rzev District

STONE AGE
(see also subdivision under Timonovki)
Archaeological data on the economic life of classless society in the Neolithic Age; productive forces and production relations in the Neolithic Age. A. IA. Briu-sov. Sov. arkheol. 25:35-63 '56.
Determining the absolute age of paleolithic objects. V. V. Cherdyntsev. Sov. arkheol. 25:64-86 '56.

STORAGE BATTERIES
Prolonging the life of lead storage batteries. S. Selits-kaia and others. Avt. transp. 34 no. 10:18-18 O '56.
Repairing battery boxes and plastic parts. N. Lysenko. Avt. transp. 34 no. 10:26 O '56.

STORES, DEPARTMENT see subdivision 'Department stores' under Moscow; Tashkent

STORMS, MAGNETIC see Magnetic storms

STRABISMUS
Tenotomy by A. B. Chubukov's method in concomitant strabismus. Kh. O. Vulach. Vest. oft. 39 no. 5:13-15 S-O '56.

STRAIN GAUGES

Angular X-ray photography for measuring macrostresses. D. M. Vasil'ev. Zhur. tekh. fiz. 26 no. 10:2389-2395 O '56.

Apparatus for electric tensometric tests. V. M. Vigderchik. Zav. lab. 22 no. 7:882 '56.

Portable cathode ray oscillograph for the photorecording of deformations and vibrations. I. S. Lunev, A. P. Lebedinskii, V. M. Semenov. Priborostroenie no. 10: 18-20 O '56.

Some systems for using tensometers in laboratory practice. M. I. Verba. Zav. lab. 22 no. 9:1106-1108 '56.

STRAINS AND STRESSES

Bend test for samples with stress concentration elements. E. S. Volokhvianskaia. Zav. lab. 22 no. 9:1095-1098 '56.

Considering plastic deformations in calculating deflection of wooden bars. V. F. IAtsenko. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:119-133 '56.

Determination of class I stresses in hard alloys by X-ray analysis. R. A. Landa. Zav. lab. 22 no. 7:821-823 '56.

Determining acting forces in friction and eccentric presses. N. E. Skorokhodov and others. Trudy Sib. met. inst. no. 2:19-20 '55.

Determining temperature stresses during the heating of coke. R. E. Leibovich. Koks i khim. no. 7:25-27 '56.

Effect of cutting conditions on the durability of machine parts subjected to repeated static loads. M. E. Vartanian. Sbor. nauch. trud. ErPI no. 10:73-85 '56.

Effect of lateral horizontal forces on stresses in rails. V. I. Angeleiko. Trudy KHIIT no. 26:112-142 '56.

Effect of locally applied loads on the supporting power of compressed wooden bars. K. I. Kolenchuk. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:115-118 '56.

Experimental study of specific flow stresses during extrusion pressing. L. D. Sokolov, M. A. Zaikov, N. A. Chelyshev. Trudy Sib. met. inst. no. 2:62-68 '55.

General equation for stability and strength of thin-walled curved bars. Z. N. Mazurmovich. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:5-13 '56.

Investigating stress concentration in "admiralty" test pieces. B. A. Meisner. Zav. lab. 22 no. 7:853-855 '56.

Investigating the action of thin-walled channel bar sections beyond the elastic limit. A. I. Stral'bitskaia. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:14-26 '56.

Long-term strength of wood. F. P. Beliankin, K. I Kolenchuk, V. F. IAtsenko. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:103-114 '56.

Measuring tensile stresses in the caterpillar tracks of tractors. A. M. Balantsev. Nauch. trudy MAMI no. 3: 21-30 '55.

Measuring the pressures exerted in the cold rolling of thin sheets. N. E. Skorokhodov and others. Trudy Sib. met. inst. no. 2:5-18 '55.

Metallic test pieces with various stress concentration elements in static and impact torsion tests. N. G. Mikhailichenko. Zav. lab. 22 no. 9:1081-1086 '56.

Method for measuring stresses and small deformations during tensile impact testing. IU. IA. Voloshenko-Klimovitskii. Zav. lab. 22 no. 9:1090-1094 '56.

Review of the book of S. P. Goncharov and others ("Measuring strains and stresses." Reviewed by N. I. Prigorovskii, A. A. Vasil'ev. Zav. lab. 22 no. 9:1137-1138 '56.

Strain of steel trussed stringer in the elastic-plastic stage under immobile and mobile loads. V. V. Trofimovich. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21: 27-43 '56.

Some problems of plotting water discharge curves and computing streamflow in the case of the unstable relation between discharge and level. A. G. Trostman. Meteor. i gidrol. no. 10:45-48 O '56.

Use of hydromechanical data for determining the underground component of streamflow. G. V. TSytsarin. Biul. MOIP. Otd. geol. 31 no. 4:108-109 Jl-Ag '56.

STREET RAILWAYS see subdivision under Moscow

STREET RAILWAYS—EMPLOYEES

Creative activity of students. A. Guzhov. Mol. komm. 14 no. 11:104-106 N '56.

STREET RAILWAYS—FARES see subdivision under Rio de Janeiro

STREET TRAFFIC see Traffic engineering

STREETCARS see subdivision under Novosibirsk

STRENGTH OF MATERIALS

Scope and content of the course "Strength of materials." G. L. Pavlenko. Vest. vys. shkoly 14 no. 11:41-43 N '56.

STREPETOVA, POLINA ANTIP'EVA

New documents on P. A. Strepetova. S. Orlov. Teatr 17 no. 11:117 N '56.

STREPTOCOCCUS

Studying the changeability of the pyogenic coccal microflora of suppurative-inflammatory processes when treated with plasma combined with other drugs. Report no. 1. P. T. Kozyr'. Vop. perel. krovi. 4:145-154 '55.

STREPTOCOCCUS PYOGENES see subdivision under Uzbekistan

STREPTOMYCIN

Comparative study of streptomycin concentration in blood, urethral secretions and secretions of the prostate in gonorrhea. R. G. Gadzhiev. Urologiia 21 no. 1:41-43 Ja-Mr '56.

Determining the pyrogenicity of streptomycin. L. M. IAkobson, S. I. Svirskaia, O. I. Pchelina. Med. prom. no. 4:20-22 O-D '55.

Mineral contents of the blood in tuberculosis of the eye treated by vitamin $D_2$ and streptomycin. E. I. Gasparian. Vest. oft. 69 no. 5:38 S-O '56.

Sorption kinetics of streptomycin and the effect of sodium on the absorption of streptomycin by hydrogen forms of carboxylic catkanites. L. F. IAkhontova, E. M. Savitskaia, B. P. Bruns. Dokl. AN SSSR 110 no. 2:249-251 S '56.

Surgical treatment of osteoarticular tuberculosis associated with phthivazid and streptomycin therapy. N. M. IAnov. Ortop., travm. i protez. 17 no. 3:22-27 My-Je '56.

STRESSES see Strains and stresses

STRIKES AND LOCKOUTS
(see also subdivision under Baku)

Strikes and lockouts in capitalist countries. Blok. agit. vod. transp. no. 22:40-45 N '56.

STRING ENSEMBLES see subdivision under Moscow

STRIP MINING
(see also subdivision under Czechoslovakia)

Dust and gas pollution of the air in strip mining using automobile transportation. F. N. Ryzhkov. Gor. zhur. no. 10:54-56 O '56.

Rodionov, L. E. [Determination of bench slope angles in open cut mines] Opredelenie uglov otkosa rabochikh ustupov ugol'nogo razreza. Moskva, Ugletekhizdat, 1956. 40 p.

STRUCTURES, THEORY OF

Approximate determination of the focal ratio of moments for systems with many closed contours. A. A. Klechanovskii. Nauch. trudy NPI 26:77-86 '55.

Determining the frequency of free vibrations of complex structures by breaking the structures into series of units with equal frequencies. G. V. Vorontsov. Nauch. trudy NPI 26:132-147 '55.

STRYY—LIBRARIES

Library that propagandizes technical literature. H. Kushkina, IE. Levandovs'ka. Sots. kul't. 9 no. 10: 14-15 O '56.

STUDENT ACTIVITIES see subdivision under Obilvskaya

STUDENTS
(see also subdivision under Algeria; Greece)

Energy expenditure in students of trade schools (machinists). S. I. Trot'inkova. Vop. pit. 15 no. 6:22-25 N-D '56.

STUDENTS—CONGRESSES see subdivision under Bandung; Dubrovnik, Yugoslavia; Prague; Tokyo

STUDENTS—DISEASES AND HYGIENE

Discussion of the article "A student's work and rest." Zdorov'e 2 no. 12:6 D '56.

STUDENTS, FOREIGN—CONGRESSES see subdivision under Sheffield, England

STUDIES, ORIENTAL see Oriental studies

STURGEONS

Long distance transportation of sturgeon larvae by rail. V. S. Rotova'ka, T. M. Chorevchenko. Stud. nauk. pratsi no. 20:47-49 '56.

Raising Moina rectirostris Leydig as live feed for sturgeons. M. K. Askerov. Uch. zap. AGU no. 7: 59-63 '55.

STUTTGART—INTERNATIONAL SOCIALIST CONGRESSES

"History of V. I. Lenin's struggle against opportunism in the international arena; Stuttgart Congress, August, 1907." N. Krutikova. Reviewed by R. IA. Evzerov. Vop. ist. no. 10:162-168 O '56.

STYPTICS see Homostatics

SUBSIDENCES (EARTH MOVEMENTS) see subdivision under Ob' Delta

SUBSTATIONS, ELECTRIC see Electric substations

SUBSTITUTION (CHEMISTRY)

Mechanism and flow of spatial substitution in octahedral complexes (from "Revs. Pure and Appl. Chem." 4, 57, 1954). D. D. Brown. Usp. khim. 25 no. 10:1303-1308 O '56.

SUBWAYS
(see also subdivision under Leningrad; Moscow)

Lowering the clearance of subways. V. V. Chirkin. Gor. khoz. Mosk. 30 no. 9:38 S '56.

SUCKER RODS

"Sucker rods for deep well pumps" by I. L. Faerman. Reviewed by M. G. Azerb. neft. khoz. 35 no. 7:47 Jl '56.

SUDAN—POLITICS AND GOVERNMENT

National liberation movement in the Sudan after the Second World War [with English summary in insert]. V. I. Kiselev. Sov. vostokoved. no. 5:35-47 '56.

SUEZ CANAL

The Korean people is on the side of Egypt. Kim Uk. Nov. Kor. no. 9:22 S '56.

Law or force. Pierre Cot. V zashch. mira no. 35:1-10 O '56.

The Suez problem and the crisis in the Atlantic bloc. N. Molchanov. Mezhdunar. zhizn' no. 11:60-69 N '56.

When the fog lifts. A. Evseev. Mezhdunar. zhizn' no. 10:103-106 O '56.

SUFFRAGE see subdivision under Germany

SUGAR BEET BREEDING

Sugar beet breeding and seed production based on Michurin's theories. N. I Orlovskii. Mich. uch. na sluzh. nar. no. 3:74-81 '55.

SUGAR BEETS
(see also subdivision under Bashkiria; Black Sea region; Bulgaria; Drogobych Province; Kuban)

Amount and proportions of fertilizers in crop rotations which include sugar beets. P. A. Brazhnik. Ud. i ur. i no. 11:20-26 N '56.

Colloid composition in normal sugar beet juice. I. A. Strochenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:311-315 '51.

Composition and quality of sugar beets. I. A. Strochenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:118-130 '51.

The contribution of science to production. E. G. Likshenko. Sakh. sveki. no. 8:6-9 O '56.

SUGAR BEETS (Continued)
Distribution of radioactive phosphorus in sugar beets by phosphorus compound groups. P. A. Vlasiuk, E. S. Kosmatyi, L. D. Landerskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 0:71-82 '55.
Diurnal variations in the activity of catalase and peroxidase in bok sugars and beet leaves. L. S. Ustinovskaia, O. A. Bostan. Nauch. trudy Inst. fiziol. rast. i agrokhimii. AN URSR no. 4:320-324 '51.
Effect of deep plowing on sugar beet yields. V. G. Mikenko. Sakh. svekl. no. 6:26-28 N '56.
Effect of foliar application of trace elements on the sugar content of sugar beets. A. I. Ivanov. Sakh. svekl. no. 7:20 S '56.
Effect of metallic chlorides on the growth, physiological and biochemical processes, and productivity of agricultural plants. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 0:89-99 '52.
Effect of organic and mineral fertilizers on the yield and composition of sugar beets. I. A. Shevchenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:352-364 '48.
Effect of potassium fertilizers on the total number of compounds and the amount of water-soluble nitrogen in sugar beets. I. A. Shevchenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 0:75-77 '52.
Effect of radioisotopes $P^{32}$ and $Zn^{65}$ on the growth and sugar content of sugar beets. P. A. Vlasiuk, E. S. Kosmatyi, L. D. Landerskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:104-114 '52.
Effect of the ionic constitution of soil solution and trace elements on the yield and the colloidal chemical composition of sugar beets and spring wheat. P. I. Bezdenezhnykh, A. A. Popova. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:318-333 '51.
Effect of the osmotic pressure of soil solution on the growth and yield of sugar beets. P. I. Bezdenezhnykh, N. I. [Antsyndrovich] Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 2:254-268 '51.
Effect of various potassium fertilizers on sugar beet yield. P. S. Lisovoi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:131-138 '51.
Effect of wider spacing of plants on the chemical composition of sugar beets. K. N. Alekseeva. Sakh. svekl. no. 8:30-32 O '56.
Secondary deep plowing of sugar beet fields for the 1957 crop. Sakh. svekl. no. 7:1-4 S '56.
Expand the production of sugar beet seeds. A. M. Arnaut. Sakh. svekl. no. 7:30-32 S '56.
Foliar fertilization of sugar beets. A. Navkovich. Kolkh. pol. 4 no. 8:18 Ag '56.
Improved quality of seeds is the basis for increased sugar beet yields. V. A. Ukhovskiy. Sakh. svekl. no. 9:32-33 N '56.
Improvement in the physiological properties, composition, and quality of sugar beet seeds under conditions of prolonged day light. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:192-200 '48.
Improving plant nutrition with different forms of potassium fertilizers in irrigated fields. P. A. Vlasiuk, S. I. Dvoretskaia, A. I. Pechura. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:109-129 '55.
Interrelationship between organic and mineral fertilizers given to root crops. P. A. Vlasiuk, P. I. Mel'nichuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:55-56 '51.
Let's harvest sugar beets without losses and supply the country with more sugar. Sakh. svekl. no. 8:1-2 O '56.
Let's increase the production of sugar beets and sugar. A. I. Shmidkov. Sakh. svekl. no. 7:18-21 S '56.
Our calculations for supplementary pay. A. N. Savchenko. Sakh. svekl. no. 8:13-14 O '56.
Oxidation-reduction processes in plants fed with nitrogen in the form of nitrates and ammonium. L. K. Chikovskaia, A. S. Chanenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:163-187 '48.
Phosphorus exchange in sugar beets. P. A. Vlasiuk, E. S. Kosmatyi. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 2:43-47 '55.
Physiological importance of periodical feeding of plants. V. P. Popov. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:87-104 '48.
Some problems pertaining to crop cultivation practices in seed production. O. K. Demchenkiv. Sakh. svekl. no. 8:25-26 O '56.
Using bitoxin for clover and sugar beet. P. A. Vlasiuk, P. S. Lisovoi, Ukr. tor. i dr. 11:15-16 N '56.
Utilizing carbonic obtained from the by-products of the brown coal industry to improve plant nutrition. A. D. Klimenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:179-182 '52.
Vlasiuk, P. A. [Agricultural and physiological principles of the nutrition of sugar beets] Agrofiziologicheskie osnovy pitaniia sakharnoi svekly. Kiev, Akademiia nauk Ukrainskoi SSR, 1956. 254 p. (DA)
Ways of lowering the cost of sugar-beet production. A. L. Share. Sakh. svekl. no. 8:18-21 O '56.
Ways of raising the productivity of labor in growing sugar beets. M. A. Lashkin. Sakh. svekl. no. 7:21-25 S '56.

SUGAR BEETS--HARVESTING
Continuous operation in harvesting sugar beets with the SVK-3 combine. V. A. Kovenkov. Sakh. svekl. no. 7:40-44 S '56.
For highly productive performance of combine-type beet harvesters. A. Gir'. Sakh. svekl. no. 7:5-8 S '56.
Special problems in digging sugar beets. I. D. Eremenov. Sel'khozmashina no. 10:11-17 N '56.

SUGAR BEETS--STORAGE
Depth of silos for storing mother-sheet roots. D. Kalaida. Sakh. svekl. no. 7:45 S '56.

SUGAR BEETS--TRANSPORTATION
Speed less time in delivering sugar beets to procurement points. A. T. Kriuchenko, A. G. Titenko. Sakh. svekl. no. 8:32-33 O '56.

SUGAR BEETS--VARIETIES
Basis for accelerated propagation of better sugar beet varieties. V. P. Zoutkovich. Sakh. svekl. no. 8:43-46 O '56.
Crop varieties and fertilizers applied during the growth of the plants. V. I. Popov. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:100-117 '51.
Monogerm monoploid sugar beet. O. K. Koloshiets. Sakh. svekl. no. 7:30-35 S '56.

SUGAR INDUSTRY
(see also subdivision under Shilvenki; Ukraine)
Let's increase the production of sugar beets and sugar. A. I. Shmidkov. Sakh. svekl. no. 7:18-21 S '56.

SUGGESTION, MENTAL see Mental suggestion

SUKHOVO-KOBYLIN, ALEKSANDR VASILEVICH, 1817-1903
New edition of A. V. Sukhovo-Kobylin's trilogy ("Trilogy" by A. V. Sukhovo-Kobylin: The marriage of Krechinskii, The case, Tarelkin's death. Reviewed by K. Rudnitskii). Teatr. 17 no. 10:121-122 O '56.

SUKHUMI--THEATER
Regrettable error. Teatr 17 no. 11:150 N '56.

SULAK VALLEY--GEOLOGY, STRUCTURAL
Main tectonic features of the Sulak Valley. E. L. Peshchevitskii. Trudy VNIGRI no. 95:309-313 '56.

SULFADIAZINE
Synthesis of sulfazine from propargyl alcohol. V. I. Khmelevskii. Med. prom. no. 2:31-36 Ap-Je '55.

SULFANILAMIDE
Antagonistic relationship between sulfanilamide and folic acid in the growth of wheat and synthesis of chlorophyll. V. N. Gershanovich, G. L. Mednik, IA. A. Epshtein. Biokhimiia 21 no. 5:813-815 S-O '56.
Effect of sulfanilamides on the intestines. A. N. Toporina. Mat. trud. Khar'. ves. inst. 23:303-307 '54.
Primary gonococcal sensitivity to antibiotics and sulfonilamides as compared with chemotherapeutic results in men. K. G. Livshina, F. N. Malyshev, N. V. Velovina. Vest. ven. i derm. 30 no. 5:45-49 S-O '56.
Production of sulfanilamide from p-chlorobenzenesulfonic acid. A. M. Grigorovskii, I. A. Gungrakii. Med. prom. no. 4:23-28 Jl-S '55.
Qualitative method for the detection of sulfanilamide. Z. Kh. Dzotsoti. Uch. zap. AGU no. 5:91-93 '55.
Sulfanthrol and neosulfazole for controlling gastrointestinal diseases in young fowl. A. A. Askerov. Pitomnikovodstvo 6 no. 11:38-39 N '56.
To the editors of "Meditsinskaia promyshlennost' SSSR." S. O. Narzankov, E. K. Moskalik. Med. prom. no. 3:48 Jl-S '55.

SULFATES
Physicochemical analysis of systems: slightly soluble silver salt - electrolyte - water. Sh. T. Tulipov, P. F. Gnot'chenko. Trudy SAGU no. 55:3-23 '54.
Thermochemical decomposition of sulfates in the presence of copper. Report 1. Theoretical part. V. V. Pechkovskii. Nauch. trudy NPI 26:283-291 '55.
Thermochemical decomposition of sulfates in the presence of copper. Report no. 2. Experimental part. V. V. Pechkovskii. Nauch. trudy NPI 26:293-298 '55.

SULFATHIAZOLE
Local application of sodium sulfathiazole in ophthalmologic practice. A. M. Vedeneyev, G. D. Lovita, N. D. Blank. Vest. oft. 69 no. 5:75-77 S-O '56.

SULFIDES
Crystallochemical principles of the systematics of sulfides and arsenides. G. D. Bokii. Uch. zap. Mosk. un. no. 170:233-240 '56.
Free radical polymerization and copolymerization of $\beta$-butoxyethylvinyl sulfide. M. F. Shostakovskii, E. N. Prilezhaeva, A. M. Khomutov. Izv. AN SSSR. Otd. khim. nauk no. 10:1230-1235 O '56.
Investigating the process of oxidizing roasting of sulfide ore. V. V. Pechkovskii. Nauch. trudy NPI 26:269-275 '55.
Role of natural electric currents in forming the oxidation zone of sulfide deposits. S. IA. Litegen'kii. Inform. sbor. VSEGEI no. 1:103-109 '55.

SULFONAMIDES
Utilization of industrial waste in producing arylsulfide sulfochlorides. S. G. Barsukov, T. G. Artiukhova. Med. prom. no. 3:30-39 Jl-S '55.

SULFUR
Geological regularities in the occurrence of sulfur deposits. A. S. Sokolov. Ulul. MOIP. Otd. geol. 31 no. 3:103-109 My-Je '56.

SULFUR--ISOTOPES
Studying metabolism in clover plants with the aid of radioactive sulfur. P. A. Vlasiuk, E. S. Kosmatyi, Z. M. Klimovitskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 0:33-38 '55.

SULFUR--THERAPEUTIC USE
Use of compounds containing sulfur in the prevention of radiation sickness. L. F. Semenov, E. A. Prokudina. Med. rad. 1 no. 4:70-75 Jl-Ag '56.

SULFUR DIOXIDE
New sampling method for sulfur dioxide. F. S. Maron, M. P. Volgin. Zav. lab. 22 no. 9:1039-1040 '56.
Sulfur-dioxide depolarization in the electrolysis of sulfate solutions. I. A. Korshunova, G. Z. Kir'iakov. Izv. AN Kazakh. SSR. Ser. khim. no. 10:44-52 '56.

SULFUR IN THE BODY
Sulfur in muscle and tumor tissues [with summary in English]. V. I. Gerodyanki, I. V. Venetsia. Vop. med. khim. 2 no. 5:357-358 S-O '56.

SULFURIC ACID
New development in the production of sulfuric acid. S. D. Davydov. Khim. v shkole 11 no. 6:60 N-D '56.
Review of the book "Methods for analyzing and controlling the production of sulfuric acid and superphosphate." Reviewed by F. F. Zamiatina. Zav. lab. 22 no. 9:1156-1157 '56.

SULFUROUS ACID
Is sulfurous acid necessary in making brandies. V. A. Maslov. Sad. vin. Mold. 11 no. 5:47-48 S-O '56.

SUMMER see subdivision under United States

SUMY PROVINCE--EDUCATION, PRESCHOOL
A conference of preschool personnel. P. Kas'ianova. Doshk. vykh. 17 no. 11:47 N '56.

SUN, YAT-SEN, 1866-1925
Great son of the Chinese people. Sov. Soiuz no. 12:39 D '56.

SUN
Activity of solar photosphere and chromosphere from July 1 to December 31, 1952. L. I. Krisenko, R. M. Repota. TSIr. Astron. obser. Khar. un. no. 14:9-18 '55.
Activity of the solar photosphere and chromosphere from January 1 to June 30, 1952. R. M. Repota. TSIr. Astron. obser. Khar. un. no. 14:9-18 '55.
Spectrohelioscopic observations at Mount Kanobili from 1951 to 1953. T. S. Razmadze. Biul. Abast. astrofiz. obser. no. 19:25-131 '55.
Study of solar physics; from the program of International Geophysical Year. E. R. Mustel'. Vest. AN SSSR 26 no. 11:48-49 N '56.

SUN--CORONA
Radiometric observation of the solar corona at the total eclipse of June 30, 1954 [in Georgian with summaries in Russian and English]. IA. I. Kumsishvili. Biul. Abast. astrofiz. obser. no. 20:17-27 '56.

SUN--FLOCCULI
Photographic photometry of chromospheric formations. L. I. Krisenko, V. A. Fedorets, R. M. Repota. TSIr. Astron. obser. Khar. un. no. 14:3-7 '55.

SUN--PROMINENCES
Chromospheric activity of the sun from 1948 to 1949. A. N. Bergeeva, M. IU. Zel'dina. Publ. Kiev. astron. obser. no. 7:95-104 '56.
Spiral motion of prominence knots. S. B. Pikel'ner. Astron. zhur. 33 no. 5:841-845 S-O '56.

SUN BATHS see subdivision under Ashkhabad

SUNFLOWER SEED--STORAGE
Storage of oil-rich sunflower seeds. A. A. Lesiuts. Masl.-zhir. prom. 22 no. 7:12-13 '56.

SUNFLOWERS
(see also subdivision under White Russia)
Comparative study of the fertilization of sunflower pollinated in the morning and at night. E. G. Simonian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:35-42 O '56.
Effect of azotobacterin on the yield of the sunflower and castor-oil plant. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:233-239 '48.
Physiological principles of the space arrangement of sunflower and castor-oil plant in connection with mechanized field work. T. T. Demidenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:130-132 '48.

SUNFLOWERS (Continued)
Selective pollination of sunflowers and the development of new varieties. L. A. Zhdanov. Mich. uch. na sluzh. nar. no. 3:58-73 '55.
Using sunflowers for late honey flow. Kh. Kh. Ponomarenko. Pchelovodstvo 33 no. 11:51 N '56.

SUNFLOWERS—VARIETIES
Drought resistance of sunflower varieties. T. T. Demidenko and others. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:98-142 '51.

SUNGTS'UN COUNTY, CHINA—FLOODS
Controlling floods. Sun Chan-k'e. Nar. Kit. no. 21: 29-33 N '56.

SUNSPOTS
Long-range transformations of forms of atmospheric circulation and changes in solar activity. A. A. Girs. Meteor. i gidrol. no. 10:3-13 O '56.

SUPERCONDUCTIVITY
Macroscopic theory of superconductivity valid for every temperature. L. V. Ginzburg. Dokl. AN SSSR 110 no. 3:358-361 '56.
Structure of superconductors. Part 9. X-ray determination of the structure of $\alpha$-$Bi_2Rh$. V. P. Glagoleva, G. S. Zhdanov. Zhur. eksp. i teor. fiz. 30 no. 2:248-251 F '56.
Transfer processes in conductors taking nonlinear effects into consideration. V. P. Shabanskii. Zhur. eksp. i teor. fiz. 31 no. 4:657-671 O '56.

SUPERHEATED STEAM see Steam, Superheated

SUPERHEATERS
Saving steam during the operation of drying installations. V. Stel'makhov. Moloch. prom. 17 no. 7:36 '56.
Superheater damage due to leakage in noncontact desuperheaters. IA. L. Pekker. Elek. sta. 27 no. 10: 49-51 O '56.

SUPERPHOSPHATES see Phosphates

SUPERSONIC WAVES see Ultrasonic waves

SUPPLIES, MEDICAL see Medical supplies

SUPPURATION
Changes in the opsonic index and complement titer in suppurative infections under the effect of plasmotherapy. P. T. Kozyr', M. A. Kotliar. Vop. perel. krovi. 4:155-164 '55.

SUPUNG HYDROELECTRIC POWER STATION
Supung Hydroelectric Power Station. Arkadii Perventsev. Sov. mor. 16 no. 17:18-19 S '56.

SURA VALLEY—GEOLOGY, STRATIGRAPHIC
History of the formation and the age of the Sura-Moksha uplift region and Vyatka Uval. D. K. Andreev. Biul. MOIP. Otd. geol. 31 no. 4:99-101 Jl-Ag '56.

SURFACE-ACTIVE AGENTS
Preparation of surfactants from alkylnaphthalenes. IU. G. Mamedaliev, Sh. T. Akhmedov. Uch. zap. AGU no. 2: 15-18 '55.

SURFACES
On the order of applicability of surfaces with corresponding conjugate systems. V. V. Ryzhkov. Dokl. AN SSSR 110 no. 3:338-340 S '56.
Triply adjoint systems of R surfaces. Asymptotic transformations of R systems. Stratifiable R complexes. T. A. Shul'man. Mat. sbor. 39 no. 3:293-314 Jl '56.

SURFACES (TECHNOLOGY)
Characteristics of surface layer formation in machining steel workpieces. G. P. Grigorian. Sbor. nauch. trud. ErPI no. 10:39-52 '56.

SURGERY
An important step in the development of Russian orthopedics, traumatology and rehabilitation surgery. D. K. IAzykov. Ortop., travm. i protez. no. 5:9-15 S-O '55.
Minutes of session No. 1621 of the Surgical Society of Moscow and Moscow Province. Khirurgiia. 32 no. 8: 93-94 Ag '56.

SURGERY—ABSTRACTS
[Abstracts of Soviet medical literature: Surgery.] Sovetskoe meditsinskoe referativnoe obozrenie: Khirurgiia no. 26 '56.

SURGERY—STUDY AND TEACHING
Organization and methods of instruction and laboratory work in surgery in a medical school. N. K. Mitropol'skii. Med. sestra 15 no. 11:18-21 N '56.

SURGERY, ABDOMINAL see Abdomen—Surgery

SURGERY, ELECTROLYSIS IN see Electrosurgery

SURGERY, ORTHOPEDIC see Orthopedia

SURGERY, VETERINARY see Veterinary surgery

SURGICAL DRAINAGE see Drainage, Surgical

SURGICAL INSTRUMENTS AND APPARATUS
New equipment should be available for surgery. M. G. Anan'ev. Med. prom. no. 2:3-6 Ap-Je '55.

SURVEYING
Diagram of contour lines for geological plane tabling. V. A. Korolev. Razved. i. okh. nedr. 21 no. 1:56-59 Ja-F '55.
Method for determining the line of direction in laying out straight-line poles of transmission lines. V. D. Bol'shakov. Elek. sta. 27 no. 10:47-48 O '56.

SVERDLOV, IAKOV MIKHAILOVICH, 1885-1919
"Sing a hymn to life"; from IA. M. Sverdlov's private correspondence. IUnost' no. 11:62-67 N '56.

SVERDLOVA, KLAVDIIA TIMOFEEVNA (NOVGORODTSEVA), 1876-
From the correspondence of E. D. Stasova and K. T. Novgorodtseva (Sverdlova); March-December, 1918. Vop. ist. no. 10:85-101 O '56.

SVERDLOVSK—COOPERATIVE SOCIETIES
Let's carry out the 1956 plan ahead of schedule; socialist obligations of the producers' cooperatives' personnel in Sverdlovsk. Prom. koop. no. 11:1 N '56.
Patriotic initiative of the producers' cooperatives' personnel in Sverdlovsk. Prom. koop. no. 11:2-3 N '56.

SVERDLOVSK—GRAIN—DRYING
Grain dryer designed by the Sverdlovsk Trust of the Office of Flour Milling. E. Umov, I. Kadlubik. Muk.-elev. prom. 22 no. 29-30 O '56.

SVERDLOVSK PROVINCE—MOTION-PICTURE DISTRIBUTION
Scheduling films by districts. IU. Lavrov. Kinomekhanik no. 11:12-13 N '56.

SVIETOSLAVS'KYI, S., d. 1931
Reminiscences about S. Svietoslavs'kyi. M. Kovalevs'kyi. Mystetstvo no. 5:45-46 S-O '56.

SWAMPS
Astapov, S.V., and V.V.Spengler. [Prevention and control of salinity and swamping in irrigated lands] Preduprezhdenia i bor'ba s zasoleniem i zabolachivaniem oroshaemykh zemel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 168 p.

SWEDEN—DESCRIPTION AND TRAVEL
From my impressions of Sweden. Oleksandr Buzynnyk. Zhovten' 6 no. 11:75-81 N '56.

SWEDEN—ELECTIONS
Elections in Sweden. Mezhdunar. zhizn' no. 10:118-119 O '56.

SWEDEN—ELECTRIC ENGINEERING
Electric engineering and higher technical education in Sweden. M. P. Kostenko, L. R. Neiman. Vest. AN SSSR 26 no. 11:66-71 N '56.

SWEDEN—LOCOMOTIVES
Gas generator locomotive for the Swedish railways (from "Diesel Railway Traction," no. 284 1956). Zhel. dor. transp. 38 no. 11:88 N '56.

SWEDEN—RESTAURANTS, LUNCHROOMS, ETC.
Restaurants with self-service in Sweden. Sov. torg. no. 11:31-32 N '56.

SWEDEN—SCHOOLHOUSES
In the new schools of Sweden and Denmark. N. Pashchenko. Sem'ia i shkola 11 no. 12:32-33 D '56.

SWEDEN—SOCIAL CONDITIONS
Swedish notes. A. Borshchagovskii. Teatr 17 no. 11: 154-164 N '56.

SWEDEN—TECHNICAL EDUCATION
Electric engineering and higher technical education in Sweden. M. P. Kostenko, L. R. Neiman. Vest. AN SSSR 26 no. 11:66-71 N '56.
Higher technical education in Sweden. L. R. Neiman. Vest. vys. shkoly 14 no. 11:57-59 N '56.

SWEDEN—TELEVISION—TRANSMITTERS AND TRANSMISSION
Television transmission from 6000 meter altitude (from "Radio Mentor," no. 6, 1956). Radio no. 11:52 N '56.

SWEDEN—THEATER
Swedish notes. A. Borshchagovskii. Teatr 17 no. 11:154-164 N '56.

SWEET CLOVER see subdivision under Siberia, Western

SWINE
(see also subdivision under Dzerzhinskiy District, Zhitomir Province)
Infrared radiation. A. P. Protopopov. Nauka i pered. op. v sel'khoz. no. 10:6-7 O '56.
Intraosseous penthotal anesthesia in swine. I. F. Popov. Sbor. trud. Khar'. vet. inst. 21:445-452 '56.
On a swine-breeding farm. Vl. Kukso. Kolkh. Bel. 4 no. 8:15 Ag '56.
Planning the production and delivery of pork. IU. K. Pigas. Sel'khoz. Povol. no. 10:71-72 O '56.
[The swine breeding farm.] Svinovodcheskaia ferma nos. 11-12 N-D '56.
[The swine breeding farm.] Svinovodcheskaia ferma no. 1 Ja '57.

SWINE—ANATOMY
Anatomical and topographic data on the sacral and pelvic sacral plexus in swine. I. A. Kalnabnik. Sbor. trud. Khar'. vet. inst. 21:432-444 '56.
Dynamics of the growth and involution of the thymus in swine. M. M. Polinkov. Sbor. trud. Khar'. vet. inst. 21:130-134 '56.

SWINE—DISEASES
Epizootology and clinical aspects of infectious rhinitis deformans in young pigs. I. I. Lukashov. Sbor. trud. Khar'. vet. inst. 21:226-231 '56.
Materials on the dynamics of the infection of swine with Coccidia in Kazakhstan. N. G. Patchuk. Trudy Inst. zool. AN Kazakh. SSR 3:151-160 '55.
Materials on the study and prevention of diseases in swine causing the snout to turn sidewise and upwards. G. V. TSapenko. Sbor. trud. Khar'. vet. inst. 21:232-241 '56.
Paratyphoid in mature swine. G.S.Tverdov. Veterinariia 33 no. 12:26-30 D '56.
Some peculiarities of the clinical aspects and epizootology of Aujesky's disease in swine. M. G. Nikitin. Sbor. trud. Khar'. vet. inst. 22:268-270 '56.
Vaccination against Aujesky's disease. I. I. Lukashov, M. G. Nikitin. Sbor. trud. Khar'. vet. inst. 21:242-244 '56.

SWINE—FEEDING AND FEEDING STUFFS
An average twenty-four hour gain of eight hundred and forty grams. K. Rozhdestvenskii. Sovkhoz. proizv. no. 10:71-72 O '56.
Effect of two feeding methods on pig raising and productivity of sows. N. V. Sarzhevskii. Sbor. trud. Khar'. vet. inst. 22:345-355 '54.
Effect of vitamin $B_{12}$ on the development of swine. E. Kraak. Zhivotnovodstvo 18 no. 11:73-74 N '56.
Fattening bacon pigs on potatoes. K. K. Konsin. Zhivotnovodstvo 18 no. 11:59-62 N '56.
Fattening hogs with food refuse. V. Egorov. Kolkh. Bel. 4 no. 8:17 Ag '56.
Feeding sows with corn silage. B. V. Mon'shchikova. Nauka i pered. op. v sel'khoz. no. 10:40-46 O '56.
How much corn should sows get? A. V. Timshchenko. Nauka i pered. op. v sel'khoz. no. 10:46 O '56.
More on the use of self-feeders in swine feeding. F. A. Kaverin. Zhivotnovodstvo 18 no. 11:70-71 N '56.
Standard portions of common salt in feeding swine. I. EA. Tyis'kyl. Sots. tvar. 20 no. 11:26-27 N '56.
Using mustard seed meal for fattening swine. V. K. Plotnikov. Sel'khoz. Povol. no. 10:75 O '56.

SWINE—PARASITES see Parasites—Swine

SWINE—PHYSIOLOGY
Effect of excitation during restraint on the quantitative and morphological composition of peripheral blood in swine. S. I. Smirnov. Sbor. trud. Khar'. vet. inst. 21: 85-93 '56.

SWINE BREEDING
(see also subdivision under Kabardia; Sakhnovshchina District)
[Twenty seven young from every sow annually] 27 porosiat ot kazhdoi svinomatki v god. [Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1956] folder. (DA)

SWINE ERYSIPELAS see Erysipeloid

SWINE HOUSES AND EQUIPMENT
(see also subdivision under Liubcha District)
Mechanization of the "Mytishchi" State Swine Farm. N. I. Zalunin, V. A. Gamalitskii. Zhivotnovodstvo 18 no. 11: 41-47 N '56.
Russia (1923- U.S.S.R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Houses for fattening 150 swine; walls of logs] Svinarnik-otkormochnik na 150 golov; steny rublenye. Tipovoi proekt no. 0231. Moskva, 1956. 16 p., 14 plans. (Tipovye proekty sel'skokhoziaistvennykh postroek) (DA)
Russia (1923- U. S. S. R.) Ministerstvo gorodskogo i sel'skogo stroitel'stva. [Shelter for sows and for hog fattening farms; wooden frame walls, with siding of split logs or ordinary boards] Lager' dlia svinei matochnoi i otkormochnoi svinofermy; steny karkasnyye dereviannye, stoiki s obshivkoi gorbylinami ili doskami. Proekt No. 5-05. Moskva, 1955. 36 p., 10 fold. l. (Tipovye proekty sel'skokhoziaistvennykh postroek) (DA)

SWINE PLAGUE
Histological picture of bone marrow in healthy swine and in those affected by plague. S. I. Smirnov. Sbor. trud. Khar'. vet. inst. 21:79-84 '56.

SWISS JOURNALISTS see Journalists, Swiss

SWITCHES, ELECTRIC see Electric switchgear

WITZERLAND—GAS TURBINES
Gas turbine manufacturing in Switzerland; personal impressions. L. A. Shubenko-Shubin. Energomashinostroenie no. 11:25-30 N '56.

WITZERLAND—RELATIONS (GENERAL) WITH RUSSIA
Swiss journalists visit us. M. Semenov. Sov. pech. no. 11:47-49 N '56.

YENITE
Porphyritic phenocrysts of certain syenites. S. D. Turovskii. Trudy Inst. geol. KirFAN SSSR no. 5:99-108 '54.

YNOVIAL MEMBRANES
Role of the synovial membranes in the blood supply to the head of the femur. V. A. Kartavin. Ortop., travm. i protez. 17 no. 3:67-68 My-Je '56.

YRIA—ECONOMIC CONDITIONS
In the Syrian Republic. P. Demchenko. Blok. agit. vod. transp. no. 21:25-31 N '56.

YSKIN, ALEKSEI NIKOLAEVICH, 1879-1956
Alekseĭ Nikolaevich Syskin; obituary. I. S. Korlakin. Zdrav. Kazakh. 16 no. 10:48 '56.

YSTEMS (CHEMISTRY)
Electric conductivity of binary salt melts, as dependent on concentration. B. F. Markov, L. A. Shumina. Dokl. AN SSSR 110 no. 3:411-413 S '56.
Investigating fused thorium fluoride alkali-metal salt systems. V. S. Emel'ianov, A. I. Evstiukhin. Atom. energ. no. 4:107-112 '56.

YZGANOV, ALEKSANDR NIKOLAEVICH, 1896-
Professor Aleksandr Nikolaevich Syzganov; on his 60th birthday. Zdrav. Kazakh. 16 no. 10:46-47 '56.

'AGANROG—SCHOOLS
Glorious school anniversary. I. F. Lit. v shkole 17 no. 6:90-91 N-D '56.

'AJIK DEPRESSION—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy of the lower Paleogene of the Tajik Depression. S. N. Simakov. Trudy VNIGRI no. 95:136-142 '56.

'AJIK INSCRIPTIONS see Inscriptions, Tajik

'AJIK POETRY—HISTORY AND CRITICISM
Braginskiĭ, I. S. [History of Tajik folk poetry; elements of folk poetry in the monuments of ancient and medieval literature] Iz istorii tadzhikskoĭ narodnoĭ poezii; elementy narodno-poeticheskogo tvorchestva v pamiatnikakh drevneĭ i srednevekovoĭ pis'mennosti. Moskva, Izd-vo Akademii nauk SSSR, 1956. 495 p.

'AJIKISTAN—AGRICULTURE
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Tajik S. S. R." pavilion; a guidebook] Pavil'on "Tadzhikskaia SSR"; putovoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.

'AJIKISTAN—CARP
Carp of some waters of Tajikistan. V. A. Maksunov. Trudy AN Tadzh. SSR 21:123-129 '54.
Nutrition and speed of growth of Schizothorax intermedius McCl. T. A. Pertseva-Ostroumova. Trudy AN Tadzh. SSR 21:111-122 '54.

'AJIKISTAN—COTTON GROWING
Ponomarenko, A. A. [Work practices of leading cotton growers of Tajikistan] Iz opyta raboty peredovikov-khlopkorobov Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoĭ SSR, 1955. 40 p. (Nauchno-populiarnaia biblioteka, no. 32)
(DA)

'AJIKISTAN—JACKALS
Ecology and parasites of jackals in Tajikistan. V. I. Chernyshev. Trudy AN Tadzh. SSR 21:151-165 '54.

'AJIKISTAN—MOCKING BIRDS
Ecology and economic significance of the mocking bird Hippolais Caligata rama Sykes in the forest plantations of southern Tajikistan. K. R. Akhmedov. Trudy AN Tadzh. SSR 21:131-134 '54.

'AJIKISTAN—PARASITES—DOMESTIC ANIMALS
Helminths parasitic on the domestic animals of Tajikistan. N. G. Burova, G. G. Smirnov. Trudy AN Tadzh. SSR 21:31-47 '54.

TAJIKISTAN—RODENTIA
Materials on the ecology of pasture rodents of southwestern Tajikistan. G. S. Davydov. Trudy AN Tadzh. SSR 21:145-150 '54.

TAJIKISTAN—SNAILS AS CARRIERS OF DISEASE
Molluska serving as intermediary hosts to the liver fluke and lanceolate trematode in Tajikistan. S. A. Rostovshchikov. Trudy AN Tadzh. SSR 21:49-57 '54.

TAJIKISTAN—THEATER
On the eve of the ten-day Tajik festival. Teatr 17 no. 11:182 N '56.

TAKHIA-TASH—HARBORS
Takhia-Tash, port on the Amu Darya. Sots. Uz. 15 no. 10:13 O '56.

TALAS PROVINCE—ANTIQUITIES
Mineralogical composition of remains found in ancient burial places in Talas Province of northern Kirghizia. S. D. Turovskii. Trudy Inst. geol. KirFAN SSSR no. 5:87-89 '54.

TALDY-KURGAN PROVINCE—VETERINARY LABORATORIES
Work of the Taldy-Kurgan Province veterinary bacteriological laboratory. V. I. Ivanova. Veterinariia 33 no. 12:21-24 D '56.

TALES, EGYPTIAN
[Stories and tales from ancient Egypt. Translated from the ancient Egyptian] Skazki i povesti drevnego Egipta. Perevod s drevneegipetskogo [L. S. Katsnel'sona i F. A. Mendel'sona], Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 149 p.

TALES, UKRAINIAN
[Fairy tales] Kazky. Nimechchyna, Ridne Slovo, 1954. 2 v.
(OCl)

TALLINN—MACHINERY INDUSTRY
Efficiency promoters of the Tallin Machine Building Plant. IU. M. Butkevich. Stroi. pred. neft. prom. 1 no. 8:17-18 O '56.

TALLINN—RADIO—COMPETITIONS
Good results in competition. Radio no. 11:24 N '56.

TALLINN—TELEVISION—RECEIVERS AND RECEPTION
On the TV screen - Leningrad, Rome, London. I. Grachev. Sov. Soiuz no. 12:30-31 D '56.

TAMAN' PENINSULA—SCHEERERITE
Discovery of scheererite in fossil wood from upper Sarmatian deposits of Taman'. V. A. Uspenskiĭ, IU. A. Mandrykina. Trudy VNIGRI no. 95:322-329 '56.

TAMARISK—DISEASES AND PESTS
Little known polypores on Populus and Tamarix and their importance in the Kara-Kalpak A. S. S. R. IU. V. Sinadskiĭ, M. A. Bondartseva. Bot. zhur. 41 no. 8:1177-1183 Ag '56.

TAMBOV DISTRICT—AGRICULTURE—ECONOMIC ASPECTS
Economics evening reported in the "Komsomol'skoe Znamia" of Tambov. Mol. komm. 14 no. 11:119-120 N '56.

TAN-BOGARAZ, VLADIMIR GERMANOVICH
V. G. Tan-Bogoraz's poetry. M. Voskoboinikov, Dal'. Vost. no. 5:180-182 S-O '56.

TANEEV, SERGEI IVANOVICH, 1856-1915
An outstanding composer; on the centenary of S. I. Taneev's birth. A. Sveshnikov. Ogonek 34 no. 48:23 N '56.

TANK TRUCKS
AZS-B2 tank truck. A. Bulanichev, A. Murashev, V. Ogorodnikov. MTS 16 no. 11:41-42 N '56.

TANKHIMOVICH, Z.
Following the way set by others. M. Shatalin. Sov. Kazakh. 22 no. 4:108-112 Ap '56.

TANKS
Jib crane for assembling storage tanks from rolled materials. P. L. Zolkin. Stroi. pred. neft. prom. 1 no. 8:16-17 O '56.
Prestressed reinforcement of reinforced concrete tank bottoms. S. I. Idashkin. Stroi. pred. neft. prom. 1 no. 8:28-29 O '56.

TANKS (MILITARY SCIENCE)
Holiday of Soviet tankmen. P. Rotmistrov. Sov. voin 38 no. 16:2-3 Ag '56.
In combat formation. N. Leikin. Sov. voin 38 no. 16:13 Ag '56.
Tankers of the Kantemir Division. Sov. mor. 16 no. 17:6-7 S '56.
Through fire and attack. Il'ia Markin. Sov. voin 38 no. 16:4-7 Ag '56.

TANSY
Tansy for treating parascariasis in foals and ascariasis in dogs. E. N. Karamysheva. Veterinariia 33 no. 12:29-30 D '56.

TANTALUM
Tantalum and niobium in the chemical industry. G. V. Samsonov, V. I. Konstantinov. Khim. nauka i prom. 1 no. 5:517-522 '56.

TAPESTRY, FLEMISH
Four tapestries from the beginning of the 16th century in the Hermitage collection. K. S. Butler. Trudy Gos. erm. 1:92-103 '56.

TAPEWORMS
Research on new anthelmintics for controlling drepanidotaeniasis in geese. M. A. Psimpsestov and others. Sbor. trud. Khar'. vet. inst. 22:281-287 '54.
The shape of eggs of the tapeworm Diphyllobothrium latum in a fresh preparation. G. S. Gokhler. Lab. delo 2 no. 6:26-27 N-D '56.
Use of purified turpentine in hymenolepiasis of domestic ducks. O. N. Kharchenko. Ptitsevodstvo 6 no. 11:39-40 N '56.

TARBARINOV, VIKTOR SEMENOVICH
Painter from our factory. Semen Sumnyi. Ukraina no. 22:24-25 N '56.

TARTU—LUMINESCENCE—CONGRESSES
Fifth Conference on Luminescence (crystal phosphors). V. Arkhangel'skaia, N. Tolstoi, P. Feofilov. Opt. i spektr. 1 no. 6:813-820 O '56.

TARTU—THEATER
Lively antagonist; Ants Lauter in the role of the mayor. T. Bachelis. Teatr 17 no. 11:96-101 N '56.

TARTU UNIVERSITY—HISTORY
History of the Department of Chemistry of the Tartu State University. N. IA. Riago. Trudy Inst. ist. est. i tekh. 12:105-134 '56.

TASHKENT—DEPARTMENT STORES
In the department store. Sots. Uz. 15 no. 10:16-17 O '56.

TASHKENT—FLIES
Synanthropic flies in the city of Tashkent. A. I. Lisova. Vop. kraev. pat. no. 4:126-131 '54.

TASHKENT—HOSIERY
Introducing modern technology. I. I. Avtsin. Sots. Uz. 15 no. 11:17 N '56.

TASHKENT—INTELLECTUALS, UZBEK—CONGRESSES
Congress of Uzbek intellectuals. Sots. Uz. 15 no. 11:10-11 N '56.

TASHKENT—KNIT GOODS INDUSTRY
Introducing modern technology. I. I. Avtsin. Sots. Uz. 15 no. 11:17 N '56.

TASHKENT—MOTH FLIES
Species of moth flies in individual districts in the city of Tashkent in connection with the focal nature of visceral leishmaniasis. M. P. Meyzos, E. M. Storozheva. Vop. kraev. pat. no. 4:120-125 '54.

TASHKENT—NUCLEAR PHYSICS—STUDY AND TEACHING
Peaceful atom. Sots. Uz. 15 no. 10:5 O '56.

TASHKENT—SALMONELLA ENTERITIDIS
Characteristic of paratyphoid bacilli from the Gärtner group isolated from cats in the city of Tashkent. E. F. Kalinina. Vop. kraev. pat. no. 4:33-37 '54.

TASHKENT—TELEVISION STATIONS
A television center in Tashkent. N. Solov'eva. Ogonek 34 no. 48:7 N '56.

TASHKENT PROVINCE—COTTON GROWING—COSTS
Lowering the cost of cotton production in Ibragim Umirov's crew. L. Gamburg, N. Chumanova, V. Kotikova. Khlopkovodstvo 6 no. 11:19-24 N '56.

TASKAN VALLEY—ASPIDOCEPHALI
Kolymaspis sibirica gen. nov. sp. nov. A. P. Bystrov. Dokl. AN SSSR 110 no. 2:277-279 S '56.

TATAR A. S. S. R.—CLAY
Kirsanov, N. V. [Pliocene clays in the Tatar A. S. S. R.] Pliotsenovye gliny v Tatarskoĭ A. S. S. R. Izd-vo Kazanskogo filiala Akademii nauk SSSR, 1948. 154 p. (Akademiia nauk SSSR. Kazanskiĭ filial, Kazan. Trudy. Seriia geologicheskikh nauk, no. 1)

TATAR A. S. S. R.—GEOLOGY, STRATIGRAPHIC
Diagonal strikes in the present-day structure of the Tatar anticline. V. A. Klubov. Dokl. AN SSSR 110 no. 3:423-426 S '56.

TATAR A. S. S. R.—INSCRIPTIONS
The history and classification of Bulgarian-Tatar epigraphy. G. V. IUsupov. Epig. Vost. no. 11:44-53 '56.

TATAR A. S. S. R.—ORTHOPEDIA
Results of rehabilitation therapy for veterans of World War II in Tatar A. S. S. R. (1945-1954). IA. I. Tarnopol'skiĭ, N. S. IAkupova. Ortop., travm. i protez. no. 5:66-69 S-O '55.

TATAR A. S. S. R.—PETROLEUM
Robinson, E. A. [Petroleum of the Tatar A. S. S. R.] Neftʹ Tatarskoĭ ASSR. Moskva, Izd-vo Akademii nauk SSSR, 1956. 157 p. (Akademiia nauk SSSR. Kazanskiĭ filial, Kazan. Trudy. Seriia khimicheskikh nauk, no. 1)

TATAR A. S. S. R.—TILLAGE
Soil cultivation in the Tatar A. S. S. R. based on T. S. Mal'tsev's method. M. I. Pavlov. Sel'khoz. Povol. no. 10:26-30 O '56.

TATAR LANGUAGE—DIALECTS
Akademiia nauk SSSR. Kazanskiĭ filial. Institut iazyka, literatury i istorii. [Papers on dialectology] Materialy po dialektologii. Kazan', Tatknigoizdat, 1955. 166 p.

TAVERNS see Hotels, taverns, etc.

TAX COLLECTION
Prepare for tax collections and deliveries in an exemplary manner. D. Burnistrov. Fin. SSSR 17 no. 11:29-35 N '56.

TAXATION OF INCOME see Income tax

TAYMYR PENINSULA—MYCORHIZA
Mycorhiza of the plants of the Taymyr tundra and forested tundra. O. S. Strelkova. Bot. zhur. 41 no. 8:1161-1168 Ag '56.

TAZHIBAEV, KURBANBAI, 1876-
The Kirghiz folk poem "Forty girls." L. Klimovich. Zvezda Vost. 24 no. 9:64 S '56.

TBILISI see Tiflis

TEA
(see also subdivision under Azerbaijan; Chakva; Lenkoran' Lowland)
Methods of manuring soils after a rice crop in the Lenkoran' region. D. M. Guseinov. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7:9-21 '55.

TEACHERS
(see also subdivision under Sinnay)
Honors for the best teachers. Prof.-tekh. obr. 13 no. 11: 8-9 N '56.

TEACHERS, TRAINING OF
Improving teachers' qualifications. V. Ignatchenko. Nar. obr. no. 10:36-40 O '56.
Training teachers to teach several subjects. A. Orlov. Nar. obr. no. 10:9-15 O '56.

TEACHERS AND PARENTS see Home and school

TEACHING
Is a program necessary for personal training? T. Panfilova. Nar. obr. no. 10:22-25 O '56.
The problem of method in teaching. E. I. Peravskii. Sov. pedag. 20 no. 12:75-90 D '56.
Through initiative and by order. N. Dolinina. Oktiabr' 33 no. 11:99-107 N '56.

TECHNICAL EDUCATION
(see also subdivision under Orel Province; Sweden; Tula Province; Ukraine; Voronezh)
Academic conference on general education. D. Margulis. Nar. obr. no. 10:74-76 O '56.
Graduation of mechanics for automotive enterprises. I. Akhmetshin. Avt. transp. 34 no. 11:26 N '56.
A labor correspondent is a progressive worker. V. Komov. Sov. pech. no. 11:39-40 N '56.
Strengthen the technical schools. N. Eterlet. Prof.-tekh. obr. 13 no. 11:10-12 N '56.
Technical education rooms in factories. V. Solov'ev. Prof.-tekh. obr. 13 no. 11:30-31 N '56.

TECHNOLOGY
Around the world. Tekh. mol. 24 no. 11:29 N '56.
Around the world. Znan. sila 31 no. 11:30-31 N '56.
Brief correspondence. Tekh. mol. 24 no. 11:6-7 N '56.
Industrial efficiency and progressive technology in plants under the Office of Electrical Apparatus. E. Kuritskii. Vest. elektroprom. 27 no. 11:78-80 N '56.
Useful advice. Tekh. mol. 24 no. 11:38 N '56.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—HISTORY
Bel'kind, L. D., I.IA. Konfederatov, and IA. A. Shneiberg. [A history of technology] Istoriia tekhniki. Moskva, Gos. ... izd-vo, 1956. 491 p.

/ENILE LITERATURE
n's technical knowledge. S. Burbr. no. 10:66-69 O '56.

IDY AND TEACHING
fethods of teaching and the introduction ogy into the school] Metody obucheniia shkoly. [Novosibirsk] Novosibirskoe

ION—BIBLIOGRAPHY see Bibliog- unication

ION—PATENTS
rosviaz' 10 no. 12:76 D '56.

ransmission stability of voice channels having frequency and ion. M. B. Rabinovich. Elektrosviaz' '56.

RATUS AND SUPPLIES
rtions due to the difference of speeds raphic apparatus. N. B. Zeliger. no. 11:52-54 N '56.

S see Cipher and telegraph codes

\lbert IAkovlev. Rabotnitsa. 34

TELEMETERING
The wattmeter with barrier-layer converters for telemetering electric power. Sh. IU. Ismailov, A. V. Frenke. Avtom. i telem. 17 no. 11:1038-1040 N '56.

TELEPHONE
TSeitlin, R.D. [Leading fitters and solderers] Peredovye montery-spalshchiki. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 18 p. (Opyt peredovykh sviazistov)
Two-way high frequency communication in the city electric transportation. A. Demin. Zhil.-kom. khoz. 6 no. 6:15-17 '56.

TELEPHONE, AUTOMATIC see subdivision under United States

TELEPHONE CABLES
Increasing the efficiency of using long-distance telephone channels. A. I. Kugushev. Vest. TSNII MPS 15 no. 2:51-54 S '56.

TELEPHONE LINES
Theory of inhomogeneous transmission lines. S. I. Orlov. Zhur. tekh. fiz. 26 no. 10:2361-2372 O '56.

TELESCOPE
(see also subdivision under Crimea)
Order desk. Tekh. mol. 24 no. 11:36 N '56.

TELESCOPE, REFLECTING
Lomonosov's large immovable telescope with a siderostat. V. L. Chenakal. Ist.-astron. issl. no. 1:207-212 '55.

TELEVISION
Interviews. Radio no. 11:8-9 N '56.

TELEVISION—APPARATUS AND SUPPLIES
Power supply for television amplitude limiters. A. IAmpol'skii. Radio no. 11:38 N '56.
A simple video amplifier. V. Anikeev, V. Dubrovin. Radio no. 11:33 N '56.

TELEVISION—RECEIVERS AND RECEPTION
(see also subdivision under Tallinn)
Long distance television reception. Radio no. 11:30-33 N '56.
New screens, new possibilities. IU. Budantsev. Tekh. mol. 24 no. 11:10-11 N '56.
The "Start" television set. G. Zyrin. Radio no. 11:21-24 N '56.
Television receiver for amateurs. G. Sokolov, D. Sudravskii. Radio no. 11:34-38 N '56.

TELEVISION—REPAIRING
For model servicing of television receiver networks. Radio no. 11:13 N '56.

TELEVISION—TRANSMITTERS AND TRANSMISSION see subdivision under Sweden

TELEVISION BROADCASTING
Respect the audience. Teatr 17 no. 11:131 N '56.

TELEVISION PLAYS
(see also subdivision under United States)
Hidden potentialities. Teatr. 17 no. 10:143 O '56.

TELEVISION STATIONS see subdivision under Leningrad; Tashkent

TELLURIUM
Production and use of selenium and tellurium. A. A. Solovushkov, L. A. Soshnikova, M. E. Ezernitskaia. Khim. nauka i prom. 1 no. 5:543-547 '56.

TELUGU LITERATURE—HISTORY AND CRITICISM
History of Andhra (Telugu) literature. V. Lakshmana Rao. Sov. vostokoved. no. 5:62-71 '56.

TEMPERAMENT
Experimental studies of the peculiarities of higher nervous activity of different types in school children. Z. N. Brika. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2: 149-174 '56.
I. P. Pavlov's theories on types of higher nervous activity. V. K. Fedorov. Vop. filos. no. 5:95-99 '56.
Peculiarities of the combined activity and interaction of the two signal systems of different types in school children. Z. N. Brika. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. 2:175-200 '56.

TEMPERATURE—PHYSIOLOGICAL EFFECT
Conditioned motor responses in horses to thermal skin stimulation. Report no. 3. T. A. Churnakova. Sbor. trud. Khar'. vet. inst. 22:161-165 '54.
Effect of temperature on some types of dysentery bacteriophage. S. I. Grishin. Vop. kraev. pat. no. 4: 46-53 '54.

TEMPERATURE, ANIMAL AND HUMAN see Body temperature

TEMPERATURE, LOW see Low temperature research

TENNIS
(see also subdivision under Estonia; Wimbledon)
For the Davis cup. Sp. igry 2 no. 9:30 S '56.
Let's think about the future; notes on tennis tournaments at the Spartakiada of the Peoples of the U. S. S. R. V. Korobov, G. Aleshinskii. Sp. igry 2 no. 9:16-21 S '56.
Results of the tennis tournament at the Spartakiada of the Peoples of the U. S. S. R. Sp. igry 2 no. 9:22 S '56.

TENURE OF LAND see Land tenure

TER-PETROSIAN, SEMEN ARSHAKOVICH, 1882-1922
Imnaishvili, R.S. [Kamo; a biographical sketch] Kamo; biograficheskii ocherk. Tbilisi, Gosizdat Gruzinskoi SSR, 1955. 100 p. [In Georgian.]

TERNOPOL PROVINCE—AGRICULTURAL MACHINERY
We make full use of equipment. M. O. Klymashko. Mekh. sil'. hosp. 7 no. 10:4-5 O '56.

TERRACING
Systems and machinery for terrace construction. E. M. Kolchin. Sad. vin. Mold. 11 no. 5:51-54 S-O '56.
Terrace and snow-water basin irrigation. A. N. Kulakov. Sel'khoz. Povol. no. 10:31-35 O '56.

TERRESTRIAL ELECTRICITY
Characteristics of natural electric fields originating over sulfide deposits. I. M. Uruzaev. Izv. AN SSSR. Ser. geofiz. no. 9:1054-1067 S '56.
Origin of a natural electrical field of an ore deposit. A. V. Bukhnikashvili. Razved. i okh. nedr 21 no. 3: 37-41 My-Je '56.

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TERRITORIAL WATERS see subdivision under Mexico

TESTICLE—ABNORMITIES AND DEFORMITIES
Movable dextrolateral perineal ectopy of the testis. A. I. Smirnov. Urologiia 21 no. 3:62-63 Jl-S '56.

TESTICLE—WOUNDS AND INJURIES
Traumatic dislocation of the testicle. E. G. Dinnits. Urologiia 21 no. 1:68 Ja-Mr '56.

TESTING MACHINES
Automatic control of machines for heat resistance testing. A. V. Antonovich. Zav. lab. 22 no. 9:1100-1105 '56.
Changing a tensile-testing machine from manual to mechanical operation. A. I. Ushakov. Strol. pred. neft. prom. 1 no. 8:15 O '56.
New testing machines of foreign production. Kh. N. Dement'ev. Zav. lab 22 no. 9:1121-1125 '56.
Operation of resonance-type fatigue machines. S. I. IAiskovich, N. A. Balabanov. Zav. lab. 22 no. 7:858-860 '56.
Powerful magnetic defect detectors with smooth current regulation. P. G. Mikhnevich. Zav. lab. 22 no. 7:850-852 '56.

TETANUS ANTITOXIN
Concentrated tetanus antitoxin. G. I. Elizarovskii. Veterinariia 33 no. 12:33-34 D '56.

TETRABRANCHIATA, FOSSIL see subdivision under Ukraine

TETRAHEDRITE
Tetrahedrites. E. K. Lazarenko. Min. sbor. no. 10:171-211 '56.

TEXTBOOKS
Systematize the publication of textbooks. B. Nazarov. Sov. torg. no. 10:42-43 O '56.

TEXTILE CHEMISTRY
Efficient recipe for emulsion. L. M. IAkovlev, E. M. Erem'iants. Tekst. prom. 16 no. 9:56-57 S '56.

TEXTILE DESIGN
Forming a colored design on the warp in multicolored weaving. G. N. Romanov. Tekst. prom. 16 no. 11:29-32 N '56.

TEXTILE FABRICS
Extending the range of fabrics for children's wear. S. N. Mandrusov. Tekst. prom. 16 no. 9:9 S '56.

TEXTILE FABRICS—MARKETING
(see also subdivision under Moscow)
Improve the trade in staple fabrics. R. Lezina. Sov. torg. no. 10:14-15 O '56.

TEXTILE FABRICS—TESTING see subdivision under Leningrad

TEXTILE FACTORIES—HEATING AND VENTILATION
Automatic operation of ventilation and humidification units. A. A. Dylevskii. Tekst. prom. 16 no. 8:40-45 S '56.
Distribution of air delivered to the plant through uninsulated ducts. P. I. Andreev. Tekst. prom. 16 no. 11:37-41 N '56.

TEXTILE FIBERS, SYNTHETIC
Effect of molecular weight and polymolecularity of vinyl perchloride resin on the physical and mechanical properties of "chlorin" fibers. B. E. Geller. Tekst. prom. 16 no. 11:14-16 N '56.

TEXTILE FIBERS, SYNTHETIC (Continued)
New types of plastic materials and synthetic fibers. S. D. Davydov. Khim. v shkole 11 no. 6:17 N-D '56.
Polyacrylonitrile fiber "nitron." E. S. Roskin. Tekst. prom. 16 no. 11:16-19 N '56.
Spun from gas. Georgii Blok. Ogonek 34 no. 40:12-13 N '56.

TEXTILE FINISHING
Reducing waste in silk and rayon finishing mills. A. F. Legov. Tekst. prom. 16 no. 9:4-6 S '56.

TEXTILE FINISHING—EQUIPMENT AND SUPPLIES
Calendar rolls. P. N. Krupinov. Tekst. prom. 16 no. 11:51-54 N '56.

TEXTILE FINISHING—QUALITY CONTROL
A book on "Technical control in the cotton finishing industry" by N. E. Fedorova, N. O. Khoretskii. Reviewed by A. G. Emel'ianov. Tekst. prom. 16 no. 9: 66-67 S '56.

TEXTILE INDUSTRY
(see also subdivision under Brazil; China)
BIM factory practices. L. P. Zvezdina, A. I. Bat'kov. Tekst. prom. 16 no. 11:44-46 N '56.
Booklet about efficiency workers ("Efficiency workers" by V. Nifontov. Reviewed by S. V. Tarasov). Tekst. prom. 16 no. 11:70 N '56.
Following up published material. Tekst. prom. 16 no. 9:71 S '56.
For new success in socialist competition. Tekst. prom. 16 no. 11:1-3 N '56.
Improvement in technical information. V. A. Nifontov. Tekst. prom. 16 no. 9:67-69 S '56.
Specialization and cooperation in the textile industry. Tekst. prom. 16 no. 9:1-3 S '56.

TEXTILE INDUSTRY—ABSTRACTS
Summaries. Tekst. prom. 16 no. 9:70 S '56.

TEXTILE INDUSTRY—ACCOUNTING
Improve infrafactory business accounting in synthetic fiber enterprises. D. V. Valovnik. Tekst. prom. 16 no. 11:7-8 N '56.
Improvement of production planning and accounting. IA. V. Vidrevich. Tekst. prom. 16 no. 11:59-61 N '56.
Simplification of the workers' accounts. N. V. Klusov. Tekst. prom. 16 no. 11:62 N '56.

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—BOOK REVIEWS
Valuable manual on textile materials ("Textile materials; fibers and fabrics" by G. N. Kukina. Reviewed by N. N. Pozhidaev). Tekst. prom. 16 no. 11:68-70 N '56.

TEXTILE MACHINERY
Reducing plant idling time. V. A. Sinstenin. Tekst. prom. 16 no. 9:7-8 S '56.
Using admixtures for the lubrication of textile machinery. Z. S. Stepanova. Tekst. prom. 16 no. 11:55 N '56.

TEXTILE PRINTING see subdivision under Portugal

TEXTILE PRINTING—EQUIPMENT AND SUPPLIES
New method of joining kersey. M. N. Klimov, B. S. Chetlini, E. F. Landa. Tekst. prom. 16 no. 11:50-51 N '56.

TEXTILE RESEARCH
Development of large-scale activity among inventors. A. V. Kuligin. Tekst. prom. 16 no. 11:46-50 N '56.

THAILAND—POLITICS AND GOVERNMENT
Anti-American feeling in Thailand. Mezhdunar. zhizn' no. 10:122-123 O '56.

THALLIUM—ANALYSIS
Reaction for the detection of thallium in ores, industrial waste products and concentrates. K. P. Stoliarov, N. N. Grigor'ev. Zav. lab. 22 no. 9:1030-1032 '56.

THALLIUM-ANTIMONY-ARSENIC ALLOYS
Studying the structure of some four component alloys Tl-Sb-As-Se. Z. G. Pinsker, V. I. Khitrova. Kristallografiia 1 no. 3:300-305 '56.

THALLIUM HALIDES—SPECTRA
Comparison of the absorption spectra of dehydrated microcrystals of thallium and lead halide salts and of alkali halid phosphors activated by the salts of the above metals. A. A. Shishlovskii. Opt. i spektr. 1 no. 6:765-771 O '56.

THEATER
(see also subdivision under Andizhan; Bulgaria; Chernovtsy; Erivan; India; Irkutsk; Kazakhstan; Kharkov; Kiev; Komi A. S. S. R.; Komsomolsk-on-Amury; Leningrad; Moscow; Moscow Province; Novgorod; Ryazan; Sukhumi; Sweden; Tajikistan; Tartu; Tiflis; Velikiye Luki; Vienna; White Russia; Yuzhno-Sakhalinsk)
Backwardness in dramaturgy and theater. B. A. Nazarov, O. V. Gridneva. Vop. filos. no. 5:98-104 '56.
Commemorative dates. Teatr 17 no. 11:101-103 N '56.
In search of one's way. L. Sverdlin. Teatr. 17 no. 10: 54-61 O '56.
In the new season. Teatr 17 no. 11:183 N '56.
The library and the theater. Teatr 17 no. 11:188 N '56.
On the eve of the new theatrical season. Teatr. 17 no. 10:160 O '56.
Our correspondence. Teatr 17 no. 11:187 N '56.
Reply to A. Shtein, A. Anastas'ev. Teatr. 17 no. 10:191-192 O '56.
Stage-directors as our guests. Teatr 17 no. 11:174 N '56.
Tale of tales. M. Iof'ev. Sov. zhen. 12 no. 12:28-29 D '56.
Theater and school. Teatr. 17 no. 10:175 O '56.
Theaters of the world. Teatr. 17 no. 10:161-168 O '56.
Theaters of the world. Teatr 17 no. 11:165-169 N '56.
Theatrical youth. Teatr 17 no. 11:184 N '56.

THEATER—HISTORY see subdivision under Europe, Western

THEATER—PRODUCTION AND DIRECTION
Plays and performances; notes on the director's choice of plays. R. Ben'iash. Teatr. 17 no. 10:93-100 O '56.

THEATERS—STAGE-SETTING AND SCENERY
From the artist's point of view. Teatr. 17 no. 10:142-143 O '56.

THEFT see Larceny

THEORY OF STRUCTURES see Structures, Theory of

THERAPEUTICS
Vsesoiuznyi s"ezd terapevtov. 14th Moscow, 1956. [Abstracts of reports at the All-Union Congress of Therapists] Tezisy dokladov. Moskva, Medgiz, 1956. 345 p.
(DAFM)

THERAPEUTICS, PHYSIOLOGICAL see subdivision under Poland; Sochi

THERMAL ANALYSIS
Device for determining silicon dioxide by the thermal method. S. A. Toropov, TS. A. Gol'dina. Zav. lab. 22 no. 9:1116-1120 '56.
Rapid differential thermal analysis using the SGM-8 polarograph. V. P. Ivanov, F. IA. Bindul'. Inform. shor. VSEGEI no. 1:127-132 '55.

THERMAL EXPANSION see Expansion (Heat)

THERMISTORS
Using thermistors for taking ground surface temperature. V. A. IUrin, N. IA. Miagkov. Izv. AN Turk. SSR no. 4: 51-54 '56.

THERMOCHEMISTRY
Metallothermal methods in chemistry and metallurgy. G. V. Samsonov, IU. D. Chistiakov. Usp. khim. 25 no. 10:1223-1248 O '56.
Thermochemical decomposition of sulfates in the presence of copper. Report 1. Theoretical part. V. V. Pechkovskii. Nauch. trudy NPI 26:282-291 '55.
Thermochemical decomposition of sulfates in the presence of copper. Report 2. Experimental part. V. V. Pechkovskii. Nauch. trudy NPI 26:292-298 '55.

THERMOCOUPLES
$Bi_2Te_3$ - $Bi_2Se_3$ solid solutions used as a material for thermoelements. S. S. Sinani, G. N. Gordiakova. Zhur. tekh. fiz. 26 no. 10:2398-2399 O '56.
"Industrial measurement of the temperature of liquid iron alloys." V. G. Gruzin. Reviewed by V. S. Kocho. Zav. lab. 22 no. 7:883-885 '56.
Use of thermocouples for temperature control of liquid steel in steel smelting sections of the Kuznetsk Metallurgical Combine. A. N. Vasil'ev and others. Zav. lab. 22 no. 9:1127-1130 '56.

THERMODYNAMICS
Adiabatic processes in condensed systems at low temperatures. V. N. Masiukov. Trudy VIM 22:195-200 '56.
Law of "potential" change in isolated thermodynamic systems. V. N. Masiukov. Trudy VIM 22:184-194 '56.
Litvin, A. M. [Engineering thermodynamics] Tekhnicheskaia termodinamika. Izd. 3-e, perer. i dop. Moskva, Gos. energ. izd-vo, 1956. 311 p.

THERMOMETRY
Investigating the temperature fields in metals during cutting. L. A. Morozov. Trudy MAI no. 70:19-43 '56.

THERMOSTAT
Efficient thermoregulation. A. P. Toropov. Trudy SAGU no. 40:69-73 '53.

THESES see Dissertations, Academic

THIAMINE
Factors influencing the amount of thiamine in milk. R. B. Davidov, L. E. Gul'ko. Izv. TSKhA no. 2:179-196 '56.

THIGH—DISEASES
Paresthetic meralgia caused by poorly fitting prosthesis. E. K. Molodaia, M. B. Eidinova. Ortop., travm. i protez. no. 6:69 N-D '55.

THIGH—FRACTURE see Femur—Fracture

THIOPHENE
Effect of water on 3, 4-bis-(chloromethyl)-2, 5-dimethylthiophene. IA. L. Gol'dfarb, M. S. Kondakova. Izv. AN SSSR, Otd. khim. nauk no. 10:1208-1214 O '56.
Synthesis of amino dicarboxylic acids of the aliphatic series from thiophene. IA. L. Gol'dfarb, B. P. Fabrichnyi, I. F. Shalavina. Izv. AN SSSR, Otd. khim. nauk no. 10:1276-1278 O '56.

THIOPHOSPHINYL CHLORIDE
Synthesis of thiophosphinic acid chlorides. M. I. Kabachnic, N. N. Godovikov. Dokl. AN SSSR 110 no. 2:217-219 S '56.

THIRST
Significance of neural influences from the upper section of the gastrointestinal tract in the mechanism of water micturition. E. B. Berkhin. Biul. eksp. biol. i med. 42 no. 10:7-10 O '56.

THORACIC DUCT—WOUNDS AND INJURIES
A case of injury of the thoracic duct in a stab wound of the thorax. V. F. Kolosovskaia, IU. M. Mikhailov. Khirurgiia, 32 no. 8:75-77 Ag '56.

THORIUM
Investigating gamma-ray spectra following neutron capture in $Na^{23}$ and $Th^{232}$. N. A. Bugrov, G. V. Danilian. Izv. AN SSSR, Ser. fiz. 20 no. 8:941-946 Ag '56.

THORIUM FLUORIDE
Investigating fused thorium fluoride alkali-metal salt systems. V. S. Emel'ianov, A. I. Evstiukhin. Atom. energ. no. 4:107-112 '56.

THOUGHT, FREE see Free thought

THRESHING MACHINES
Corn-shelling machine. S. IU. Danylevych. Mekh. sil'. hosp. 7 no. 10:29-31 O '56.

THROAT—DISEASES
Atkarskaia, A. A. [Angina] Angina. Moskva, Medgiz, 1956. 53 p. (Biblioteka srednego meditsinskogo rabotnika)
(DAFM)
Protect your children against sore throat. R. Ryskind. Rab. i stal. 32 no. 12:22 D '56.
Trutnev, V. K. [Angina] Angina. Moskva, Medgiz, 1956. 31 p., illus.
(DAFM)

THROMBOSIS
Observation of a case of thrombosis of the mesenteric vessels. A. S. Rusinov. Vest. khir. 77 no. 10:111-113 O '56.
Thrombosis of the abdominal part of the aorta; diagnosis, clinical aspects and treatment. A. L. Papadato. Zdrav. Kazakh. 16 no. 10:14-18 '56.

THYMUS GLAND
Dynamics of the growth and involution of the thymus in swine. M. M. Poliakov. Sbor. trud. Khar'. vet. inst. 21: 130-134 '56.

THYROID GLAND
"The thyroid" [in English] by G. Levitt. Reviewed by I. M. Tal'man. Vest. khir. 77 no. 10:140-141 O '56.

THYROID GLAND—DISEASES
Carbohydrate-phosphorus metabolism and oxidation in the liver and in skeletal muscles under normal conditions and in experimental thyrotoxicosis [with summary in English]. T. I. Larionova. Vop. med. khim. 2 no. 5: 378-389 S-O '56.

TIBIA—TUMORS
Osteosarcoma of the epiphysis of the tibia. A. N. Vasil'ev. Ortop., travm. i protez. 17 no. 4:56 Jl-Ag '56.

TICKS see subdivision under Bet-Pak-Dala; Lagodekhi State Preserve; Soviet Central Asia; Tigrovaya Balka; Ukraine; Ziddy region

TICKS AS CARRIERS OF DISEASE
(see also subdivision under Bet-Pak-Dala; Kazakhstan)
Ecological premises for understanding the epizootology of tick-borne sheep paralysis. V. N. Kusov. Trudy Inst. zool. AN Kazakh. SSR 3:27-43 '56.

TIEN SHAN—GEOLOGY, STRATIGRAPHIC
New data on the age of Paleozoic deposits of Nura-Tau, Dzhitym-Tau, and Naryn-Tau in the Tien Shan. E. I. Zubtsov. Inform. shor. VSEGEI no. 1:36-39 '55.

TIEN SHAN—HORSEFLIES
New data on the horseflies (Tabanidae) of western Tien Shan. V. V. Shevchenko. Trudy Inst. zool. AN Kazakh. SSR 3:47-53 '55.

TIEN SHAN—LAKES
The vanish lake. I. Voitenko. Ukraina no. 21:12 N '56.

TIEN SHAN—MINERALOGY
Structural characteristics of certain skarn zones in western Tien Shan. A. B. Batalov. Zap. Uz. otd. Vses. min. ob-va no. 6: 73-82 '54.

TIEN SHAN—PROSPECTING—GEOPHYSICAL METHODS
Contrast of data obtained by deep seismic sounding with seismological and gravimetric data concerning the structure of the earth's crust in northern Tien Shan. G. A. Gamburtsev, P. S. Veitsman. Izv. AN SSSR. Ser. geofiz. no. 9:1036-1043 S '56.

TIFLIS—AUTOMOBILES—REPAIRING
Organizing the dissemination of economic information. L. Nikuradze. Avt. transp. 34 no. 11:31-32 N '56.

TIFLIS—BATHS
Treating hypertension by thermal baths in Tbilisi. S. I. Chilingarishvili. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:113 O-D '56.

TIFLIS—THEATER
Ancient tragedy and the Soviet theater; on the staging of Sophocles' "King Oedipus" in the Sh. Rustaveli theater Teatr 17 no. 11:82-95 N '56.

TIGROVAYA BALKA—TICKS
On the morphology of the ticks Haemaphysalis pavlovskyi Pospelova-Strohm, 1934 (Parasitiformes, Ixodidae) [with English summary in insert]. B. V. Lototskii. Zool. zhur. 35 no. 9:1415-1417 S '56.

TIKHOMIRNOVA, IRINA VIKTOROVNA
Moscow. Gosudarstvennyi akademicheskii Bol'shoi teatr. Irina Viktorovna Tikhomirnova. Moskva, Gos. izd-vo "Iskusstvo," 1953. 1 v. (unpaged)

TIKHONOV, NIKOLAI SEMENOVICH, 1896-
Poet of the friendship of peoples; 60th anniversary of the birth of N. S. Tikhonov. Lit. v shkole 17 no. 6:75-76 N-D '56.
Writer and fighter for peace. Vissarion Saianov. Ogonek 34 no. 49:9 D '56.

TILES
Black glazes for facing tiles. M. K. Gal'perina, M. E. IAkovleva. Stek. i ker. 13 no. 10:26-29 O '56.
Covering floors with ceramic tile wastes. B. Bukshpan. Stroitel' 2 no. 3:9 Mr '56.
Inscription on a luster tile dated 624/1227 from the Kiev Museum. L. T. Giuzalian. Epig. Vost. no. 11:33-43 '56.
Machine for cutting ceramic tiles. Stroitel' 2 no. 8: 13 Ag '56.

TILLAGE
(see also subdivision under Ruzayevka District; Tatar A. S. S. R.)
Correct use of FB-1, 9 peat cutters. A. Dalin. Tekhsov. MTS 17 no. 22:5-8 N '56.
Effect of accurate checking on mechanical intertilling of cotton. N. Vol'kovich, Sh. Bakhtiarov. Khlopkovodstvo 6 no. 11:56-60 N '56.
Effect of soil aeration on plant uptake of nutrients. T. T. Demidenko, M. S. Galinskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:345-350 '51.
Gromyko, LD. [Problems in reclaiming new and fallow lands in the northern provinces of Kazakhstan] Voprosy osvoeniia tselinnykh i zalezhnykh zemel' v severnykh oblastiakh Kazakhstana. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 71 p. (DA)
Our practice in the struggle for timely fall plowing. A. Abdudzhalilov. Khlopkovodstvo 6 no. 11:31-32 N '56.
Soil moisture conditions in fields tilled by the T. S. Mal'tsev system; preliminary report based on observations in 1955. G. V. Rudnev. Meteor. i gidrol. no. 10:37-39 O '56.

TIMAN RIDGE—PALEONTOLOGY, STRATIGRAPHIC
Biostratigraphy of Devonian deposits of southern Timan. A. I. Liashenko. Trudy VNIGNI no. 7:4-30 '56.

TIMBER—MENSURATION see Forests and forestry—Mensuration

TIMBERING OF MINES see Mine timbering

TIME, GEOLOGICAL see Geological time

TIME MEASUREMENTS
How time is measured. V. Shishakov. Sem'ia i shkola 11 no. 12:25-26 D '56.

TIMIRIAZEV, KLIMENT ARKAD'EVICH, 1843-1920
Kliment Arkad'evich Timiriazev, a classical figure in Soviet agrobiology. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:5-19 '51.

TIMONOVKI—STONE AGE
Dwellings of the Timonovki paleolithic site; based on the excavations of V. A. Gorodtsov, D. A. Krainov. Sov. arkheol. 25:13-34 '56.

TIN ORES see subdivision under Bolivia

TINNING
Pipe tinning furnace. I. Kurguzov. Moloch. prom. 17 no. 7:35 '56.

TISSUE EXTRACTS
Tissue therapy in nocturnal urinary incontinence. E. A. Kobyl'chak. Urologiia no. 4:47-49 '55.
Use of tissue therapy in veterinary surgery. V. A. German, I. A. Kalashnik. Sbor. trud. Khar'. vet. inst. 22: 373-380 '54.
Using normal horse serum as a tissue therapy preparation. B. V. Makkaveev. Sbor. trud. Khar'. vet. inst. 22:408-410 '54.

TISSUES—TRANSPLANTATION
Studies on tissue of reimplanted extremities. O. R. Bogomolova, E. D. Savchenko. Arkh. pat. 18 no. 6: 110-120 '56.
Substitution of embryonic ectoderm for the lens in rabbits. T. A. Sikharulidze. Trudy Zool. inst. AN Gruz. SSR 14:337-356 '56.

TISSUES, VEGETABLE see Plant cells and tissues

TITANIC ACIDS
Titanium dioxide hydrates. A. K. Kasimov. Izv. AN Kazakh. SSR. Ser. khim. no. 10:10-21 '56.

TITANIUM
Development of titanium production. G. A. Meerson. Khim. nauka i prom. 1 no. 5:496-504 '56.

TITANIUM—SPECTRA
Relative magnitudes of vibration forces in the spectra of titanium and manganese. IU. I. Ostrovskii, G. F. Parchevskii, N. P. Penkin. Opt. i spektr. 1 no. 7:821-832 N '56.

TITANIUM CHLORIDE
Determining niobium in titanium tetrachloride. R. S. Tramm, K. S. Pevzner. Zav. lab. 22 no. 9:1025-1027 '56.

TITANIUM ORES
Principal genetic types and the industrial value of titanium ore deposits. I. I. Malyshev. Razved. i okh. nedr. 21 no. 1:5-14 Ja-F '55.

TITANIUM OXIDES
Titanium dioxide hydrates. A. K. Kasimov. Izv. AN Kazakh. SSR. Ser. khim. no. 10:10-21 '56.

TITRATION
Amperometric titration of cobalt with anthranilic acid. Part 4. A. K. Zhdanov, A. M. IAkubov. Trudy SAGU no. 55:71-75 '54.
Amperometric titration of copper with anthranilic acid. Part 1. A. K. Zhandov, R. I. TSeitlin. Trudy SAGU no. 55:41-52 '54.
Amperometric titration of nickel with anthranilic acid. Part 3. A. K. Zhdanov, A. M. IAkubov. Trudy SAGU no. 55:65-69 '54.
Amperometric titration of zinc with anthranilic acid. Part 2. A. K. Zhdanov, A. M. IAkubov. Trudy SAGU no. 55:53-64 '54.
Analysis of mineral acid mixtures by the electrometric noncompensation method. S. K. Chirkov. Zav. lab. 22 no. 9:1041-1044 '56.
Cause of pH variation in the equivalence-point region during the titration of sodium fluoride with potassium salts. Sh. T. Talipov, I. L. Teodorovich. Trudy SAGU no. 40:75-77 '53.
Conductometric titration of a mixture of anabasine and lupinine. V. V. Udovenko, L. A. Vvedenskaia. Trudy SAGU no. 40:3-8 '53.
Device for potentiometric titration. E. I. Vail', V. A. Kremer, E. F. Rybalko. Zav. lab. 22 no. 9:1116-1118 '56.
Effect of dissolved oxygen from the air on results of amperometric titration of certain anions with lead nitrate. V. A. Khadeev. Trudy SAGU no. 55:25-39 '54.
Methods for titering rabies vaccines. V. P. Nazarov. Veterinariia 33 no. 12:75-76 D '56.
Volumetric determination of fluorine in tetrafluoborates. Z. T. Maksimycheva, SH. T. Talipov, A. M. Koginova. Zav. lab. 22 no. 7:791-794 '56.

TOBACCO
Certain characteristics of the pollen of plants of the genus Nicotiana. IE. L. Kurdium. Stud. nauk. pratsi no. 20: 79-87 '56.
Our practice in harvesting makhorka. I. S. Sulimov. Kolkh. Bel. 4 no. 8:13 Ag '56.
Popova, A. [56 centners of makhorka per hectare] 56 tsentnerov makhorki s gektara. [Moskva, Ministerstvo sel'skogo khoziaistva SSSR, 1955] folder. (DA)
Water loss of makhorka plants during harvesting, depending on the variety and growing method. V. A. Dovgan'. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:168-171 '51.

TOBILEVYCH, PANAS KARPOVICH, 1859-1940
Panas Saksahans'kyi. Leontyna Luchko. Zhovten' 6 no. 11:92-101 N '56.

TOKYO—STUDENTS—CONGRESSES
Ninth Congress of the All-Japanese Federation of Student Autonomies. Vsem. stud. dvizh. 10 no. 9/10:28 S-O '56.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910
Features of the composition of the novel "War and Peace" by L. N. Tolstoi. N. N. Naumova. Lit. v shkole 17 no. 6:3-16 N-D '56.
Gudzii, N.K. Lev Nikolaevich Tolstoi. Izd. 2-oe, ispr. [Moskva] Izd-vo Moskovskogo univ., 1950. 114 p.
"L. N. Tolstoi"; collection of articles. Manual for teachers. Reviewed by A. Sakhaltuev. Lit. v shkole 17 no. 6:68-70 N-D '56.
Timrot, A.D. [Heroes and characters of L.N.Tolstoi's novel "War and peace"] Geroi i obrazy romana "Voina i mir" L.N.Tolstogo. [Tula] Tul'skoe kn-vo, 1956. 101 p.

TOLUENE
Transformations of ortho- and para-nitrotoluenes in the alkaline medium. M. N. Shchukina, G. S. Predvoditeleva. Dokl. AN SSSR 110 no. 2:230-234 S '56.

TOMATO BREEDING
Thirty-five years of tomato breeding. A. V. Alpat'ev. Mich. uch. na sluzh. nar. no. 3:115-123 '55.

TOMATOES
(see also subdivision under Apsheron Peninsula; Russia, Northern; Uzbekistan)
Effect of growing conditions on changes in the anatomical structure of tomato plants. D. D. Brezhnev. Mich. uch. na sluzh. nar. no. 3:123-132 '55.
Effect of potassium fertilizers on the yield and quality of tomatoes. V. S. Dolia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 9:99-103 '55.
Using TU spray in greenhouses. V. S. Rubanov. Sad. i og. no. 10:26 O '56.

TOMATOES—DISEASES AND PESTS see subdivision under Murmansk Province

TOMBS see subdivision under Soviet Central Asia

TONGUE
Conduction anesthesia of the tongue in cattle. N. G. Sazhin. Veterinariia 33 no. 12:39-41 D '56.

TONNAGE
Differential equation for capacity. N. F. Voevodin. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:59-62 '54.

TONSILS—DISEASES
Changes in the peripheral blood following cooling of the tonsils in chronic tonsillitis. V. S. Moshkevich. Zdrav. Kazakh. 16 no. 10:27-30 '56.
Significance of the agglutination reaction as a method for differentiating diphtheria from tonsillitis of different etiology in carriers of diphtheria germs. L. P. Dellagina and others. Pediatriia 39 no. 4:28-30 Jl-Ag '56.

TOOL STEEL
Effect of cobalt on the properties of cast high-speed steel. K. M. Stroeva. Nauch. trudy NPI 26:413-427 '55.
"Tool steels" by IU. A. Geller. Reviewed by E. I. Malinkina. Stan. i instr. 27 no. 10:43 O '56.

TOPOLOGY
Construction of the spectrum of a compact space containing a given topological space of the same dimension. I. V. Proskuriakov. Mat. sbor. 39 no. 2:219-236 Je '56.
Definition of complex singularities of a system of two differential equations by means of simple singularities of gross systems. N. A. Gubar'. Mat. sbor. 40 no. 1: 23-56 S '56.
Geometry of infinite uniform complexes and $\sigma^*$-dimension of point sets. IU. M. Smirnov. Mat. sbor. 40 no. 2:137-156 O '56.
Real characteristic cycles of complex manifolds. V. I. Burdina. Mat. sbor. 39 no. 3:337-378 Jl '56.

TORI—HORSE SHOWS
Trials for horses on the Tori Stud Farm. G. Karlsen. Konevodstvo 26 no. 12:30-34 D '56.

TOROPETS DISTRICT—APPLE—VARIETIES
Frost-resistance of certain apple varieties. A. Berzin. Sad i og. no. 10:46-47 O '56.

TORSION
Free torsion in composite metal beams. A. A. Pronenko. Trudy KHIIT no. 26:197-212 '56.
Metallic test pieces with various stress concentration elements in static and impact torsion tests. N. G. Mikhailichenko. Zav. lab. 22 no. 9:1051-1056 '56.

TOURISM
(see also subdivision under Leningrad)
[Touring by automobile and motorcycle; a tourist's manual] Avtomobil'nyi i mototsikletnyi turizm; sputnik turista. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1956. 271 p.

TOWN OFFICERS see Local government

TOXINS AND ANTITOXINS
Studying the immunological reactivity of children toward a refined and precipitated scarlet fever toxin. S. R. Gil'din, M. I. Pyzhova. Vop. kraev. pat. no. 4:57-66 '54.

LASMOSIS
diasmosis of the eye. Z. A. Kamenskaia-Pavlova. t. oft. 60 no. 5:40-43 S-O '56.

ELEMENTS
also subdivision under Azerbaijan; Kopet Dagh)
ional effect of trace elements on grapes. O. K. ollubskii, A. V. Slavyo. Sad. vin. Mold. 11 no. 5: 9 S-O '56.
l of foliar application of trace elements on the ar content of sugar beets. A. I. Syutko. Sakh. sverkl. 1:28 S '56.
of micro- and macroelements of saline solutions to yielding ability of seeds and the growth and lopment of spring wheat. M. M. Bykov, S. IA. ina. Dokl. Akad. sel'khoz. 24 no. 11:12-16 '56.
of trace elements (boron and manganese) on ds yields on the Apsheron Peninsula. L. A. Sala- . Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 7: 44 '56.
of trace elements on the activity of catalase in ts. M. G. Abdullayev, I. Ibragimov. Dokl. esp. Acad 561-67 '55.
l of trace elements on the growth and development otton [in Azerbaijani with summary in Russian]. . Tagi-zade. Dokl. esp. Acad. no. 1:67-73 '56.
elements in agriculture ("Trudy" of the All Union erence on Trace Elements". Reviewed by V. V. vleva). Pod. i ur. 1 no. 6:62-63 N '56.

OMA—BIBLIOGRAPHY see Bibliography - thoma

ATHLETICS
also subdivision under Bucharest)
the Spartakiads. Leg. ati. no. 11:10-12 N '56.
dates for Olympic medals. Leg. ati. no. 11:30-31 56.
French correspondent right? Leg. ati. no. 11:30 N '56.
restore the former fame of "Spartak" members. ukirev. Leg. ati. no. 11:13-16 N '56.
ing sports training. N. Vyatkavkin, Z. Dmitskii, ati. no. 11:7-8 N '56.
-eat track athletes of the U. S. S. R. as of October 956. Leg. ati. no. 11:19-22 N '56.
ing out educational and training plans. V. Evtushen- Leg. ati. no. 11:12-13 N '56.

ING AND TRAILING
of a tractor. N. Markovskii. Okh. i okh. khoz. 1:47-50 N '56.

OR INDUSTRY
or industry abroad. A. I. Nasonkin. Mekh. ati'. . 7 no. 11:29-30 N '56.

OR STATIONS see Machine-tractor stations

ORS
also subdivision under Stalingrad)
ov, P. I., and others. ["Belarus" MTZ-1 and Z-2 tractors] Traktory "Belarus" MTZ-1 i MTZ-2. l red. A. M. Tarasova. Moskva, Gos. izd-vo selkhoz. ry, 1956. 350 p.
ging the design of the exhaust system in SKHTZ itors. A. Andreev. Trakhaev. MTS 17 no. 38:18 56.
of tractor work. N. Vanian. MTS 16 no. 10:13-15 56.
opment of a reversing drive for the cable drum of lectric tractor. A. G. Ivashchenko, I. K. Parts, E. M. cullo. Sbor. trud. Inst. elektrotekh. AN URSR no. 14: 22 '56.
nics of cable reel systems during the process of ng out cables from a moving electric tractor. . Ivanov. Nauch. trudy MAMI no. 3:3-39 '55.
omic advantages of new models of tractors and ag- ultural machines. P. T. Goncharenko. Mekh. ati'. p. 7 no. 10:1-3 O '56.
ient suggestions of machine operators. V. Afanas'ev. skhoz. proizv. no. 10:51-52 O '56.
ikevich, A. G. [Tractor operator Aleksei Gorbushin] iktorist Aleksei Gorbushin. Moskva, Gosizdatum- al, 1956. 29 p. (Opyt novatorov sotsialisticheskogo trade-mark. A. Klin, IU. Kharin. Sov. mor. 16 17:4-5 S '56.
oper operation of diesel tractors. N. Bondarenko. haev. MTS 17 no. 37:8-9 N '56.
din, V. I. [Operation of tractor-mounted hoisting chinery] Ekspluatatsiia traktorov-pod"emnikov. skva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno- dlvnoi lit-ry, 1956. 174 p.
anov, A. M. [Universal tractors] Propashnye traktory. skva, Gos. izd-vo selkhoz. lit-ry, 1956. 285 p.
suring tensile stresses in the caterpillar tracks of ctors. A. M. Balantsev. Nauch. trudy MAMI no. 3: 30 '55.
skii traktornyi savod. [Catalog of parts for the "Bela- s" MTZ-1 and MTZ-2 universal farm tractors] Kata- g detalei universal'nogo propashnogo traktora "Be- rus" MTZ-1 i MTZ-2. Moskva, Gos. nauchno-tekhn. d-vo mashinostroit. lit-ry, 1956. 178 p.
ticular aspects of operating tractors in winter. N. Stepanenko. Mekh. ati'. hosp. 7 no. 10:8-9 O '56.

Schematic diagram of electric tractor control with a single phase cable. V. L. Ivonov, V. E. Krutikova. Sbor. trud. Inst. elektrotekh. AN URSR no. 14:124-126 '56.
Separate driving gears on the SKHTZ-NATI and DT-54 tractors. S. F. Khomko. Mekh. ati'. hosp. 7 no. 10: 10-11 O '56.
[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no. 12 D '56.
[Series for tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no. 1 Ja '57.
Use of DT-14 tractors for operating boat lifters. D. Sologub. MTS 16 no. 10:25-26 O '56.

TRACTORS—COLD WEATHER OPERATION
Cold weather operation of tractors. I. Polotskii. MTS 16 no. 11:35-37 N '56.

TRACTORS—ENGINES
How can we prevent diminishing efficiency of the D-35 and D-54 engines. V. IE. Cherkun. Mekh. ati'. hosp 7 no. 10:9-10 O '56.
Increasing the efficiency of D-54 engines. V. Gorozhankin. MTS 16 no. 11:30-31 N '56.
Prolong the life of the D-7 engines. I. Novitskii. Tekh- nov. MTS 17 no. 30:11-12 O '56.
Reasons for some troubles in diesel tractors. S. I. Dobro- tvors'kyi. Mekh. ati'. hosp. 7 no. 11:16-18 N '56.
Securing valve seat rings with dovetails. A. Dmitriev. MTS 16 no. 10:32-33 O '56.
Starting the D-54 engine in winter. L. M. Halduk. Mekh. ati'. hosp. 7 no. 11:19 N '56.
Using high-strength cast iron for D-54 engine parts. IE. A. Markova'kyi. Mekh. ati'. hosp. 7 no. 10:27-28 O '56.
We manufacture the forks of head coupling joints for the DT-54 and SKHTZ-NATI tractors. F. D. Sokol'. Mekh. ati'. hosp. 7 no. 11:21 N '56.

TRACTORS—ENGINES—CARBURETORS
Feasibility of using prolonged expansion cycles in tractor engines. IA. A. Spandle. Nauch. trudy MAMI no. 3:48-55 '55.

TRACTORS—ENGINES—REPAIRING
Pindich, S. P. [Repair of tractor engines; the experience of agricultural repair enterprises] Remont traktornykh dvigatelei; iz opyta sel'skokhoziaistvennykh remontnykh predpriiatii. Minsk, Gos. izd-vo BSSR, 1956. 141 p.

TRACTORS—FUEL SYSTEMS
For an improved method of regulating the fuel system of diesel engines. V. Antipov. MTS 16 no. 10:27-28 O '56.
Regulating the fuel feed system of tractor engines after repair. MTS 16 no. 11:33-37 N '56.

TRACTORS—HYDRAULIC EQUIPMENT
Hydraulic lift linkage of DT-24 tractors. I. Lelles. MTS 16 no. 10:42-43 O '56.

TRACTORS—LUBRICATION
Improved lubrication of the power transmission system of DT-54 tractors. V. Kolliarov. MTS 16 no. 11:27-30 N '56.

TRACTORS—PAINTING
Preparing metal surface of tractors for painting. M. IA. Bondar'. Mekh. ati'. hosp. 7 no. 10:32 O '56.

TRACTORS—REPAIRING
(see also subdivision under Nikolayev Province)
Conference on the organization of tractor repairing by the continuous-subassembly method. Torf. prom. 33 no. 7:7-13 '56.
Economizing petroleum products in repairing engines. V. Svetlov. MTS 16 no. 10:34 O '56.
Methods of repairing tractors for units. V. P. Suslov, G. M. Umanskii. Kolkh. Rel. 4 no. 8:20-21 Ag '56.
Repair of tractors organized on a year-round schedule. V. Frolov, G. Lankin. MTS 16 no. 10:18-20 O '56.
Restoring worn surfaces of tractor parts by electrolytic iron plating. G. Gugunishvili. MTS 16 no. 10:20-30 O '56.
[Series on repairing tractors, agricultural machinery, and trucks.] Remont traktorov, sel'khozmashin i avtomobilei no. 12 D '56.
Ilin'ridonov, P. V. [Maintenance of tractors and farm machinery by tractor brigades] Tekhnicheskii ukhod za traktorami i sel'skokhoziaistvennymi mashinami v traktornoi brigade. Tashkent, Gos. izd-vo Uzbek. SSR, 1954. 98 p.
(DA)
Standardization of repair work in the shops of machine-tractor stations. K. L. Kraityvenchyk. Mekh. ati'. hosp. 7 no. 11:21 N '56.

TRACTORS—TRANSMISSION DEVICES
Law of loading and theory of stepped transmissions used in tractors. G. F. Alkhimov. Nauch. trudy MAMI no. 3:31-47 '55.

TRACTORS—WHEELS
Improving the leading wheel of KD-35 and KDP-35 tractors. N. Legkii. MTS 16 no. 10:39 O '56.

TRADE see Commerce

TRADE UNIONS
(see also subdivision under Great Britain)
Independent nature of cultural and educational work of trade unions. P. Korobova. Part. zhizn' no. 19:20-27 O '56.

TRADE UNIONS—CONGRESSES see subdivision under Great Britain

TRAFFIC ENGINEERING
Some problems in the organization of city traffic. A. Stramentov. Zhil.-kom. khoz. 6 no. 6:22-24 '56.

TRAFFIC REGULATIONS
Attention! There are children in the street! D. I. Reityn- barg. Zdorov'e 2 no. 12:25-26 D '56.

TRAILERS see Automobiles—Trailers; Motortrucks—Trailers

TRAILERS, TRUCK see Truck trailers

TRAINED NURSES see Nurses and nursing

TRAINING, MANUAL see Manual training

TRAINING, PHYSICAL see Physical education and training

TRAINING OF CHILDREN see Children—Management

TRANSBAIKALIA—COMMUNIST YOUTH LEAGUE
With Communist Youth League members of the Trans- baikalia region. M. Matafonov. Mol. kommi. 14 no. 11: 66-68 N '56.

TRANSBAIKALIA—GEOLOGY, STRUCTURAL
Some features of the geological structure of eastern Transbaikalia. A. A. IAkzhin. Razved. i okh. nedr 21 no. 2:6-16 Mr-Ap '55.

TRANSCARPATHIA—ANDESITES
Hornblends from hornblende andesite from the village of Volyatino in Transcarpathia. IU. Pokun. Min. sbor. no. 5:347-362 '51.

TRANSCARPATHIA—BARITE
Barite and quartz of the Vyslkov region in Transcarpathia. E. Sidorenko. Min. sbor. no. 5:334-337 '51.
Crystallographic research on Transcarpathian "wolnyn". A. A. Varterosovich, G. L. Piotrovskii. Min. sbor. no. 5:37-49 '51.

TRANSCARPATHIA—DACITES
Hypersthene from dacite from Glubokoye in Transcarpa- thia. D. IU. Sokolov. Min. sbor. no. 5:340-341 '51.

TRANSCARPATHIA—HORNBLENDE
Hornblende from horablende andesite from the village of Volyatino in Transcarpathia. IU. Pokun. Min. sbor. no. 5:347-362 '51.

TRANSCARPATHIA—HYPERSTHENE
Hyperathene from dacite from Glubokoye in Transcarpa- thia. D. IU. Sokolov. Min. sbor. no. 5:340-341 '51.

TRANSCARPATHIA—MINERALOGY
Data on minerals of the weathering zone of Transcarpa- thian effusives. V. F. Lesniak. Min. sbor. no. 5: 127-148 '51.

TRANSCARPATHIA—QUARTZ
Barite and quartz of the Vyshkov region in Transcarpathia. E. Sidorenko. Min. sbor. no. 5:334-337 '51.

TRANSCARPATHIA—ROCKS, IGNEOUS
Data on minerals of the weathering zone of Transcarpa- thian effusives. V. F. Lesniak. Min. sbor. no. 5:127-148 '51.
Mineralogy of igneous rocks of the Vyshkov region in Transcarpathia. Ek. Sidorenko. Min. sbor. no. 5:149- 166 '51.

TRANSCAUCASIA—CICADA
Report on species of the genus Ricania Germ. (Homoptera, Cicadaria) in Transcaucasia. A. N. Kirichenko. Trudy Zool. inst. AN Gruz. SSR 14:357 '56.

TRANSCAUCASIA—DEATHWATCH BEETLES
Deathwatch beetles of Transcaucasia. F. A. Zaitsev. Trudy Zool. inst. AN Gruz. SSR 14:49-77 '56.

TRANSCAUCASIA—ECONOMIC CONDITIONS—HISTORY
Gugushvili, P. V. [Economic development of Georgia and Transcaucasia in the 19th and 20th centuries] Ekonomi- cheskoe razvitie Gruzii i Zakavkaz'ia v XIX-XX vv. Tbilisi, Gosizdat GSSR. (In Georgian.)
Vol. [Monographs] Monografii. 1956. 985 p.

TRANSCAUCASIA—HISTORY
The formation of the Transcaucasian Socialist Federated Soviet Republic and the struggle of the Communists of Georgia against nationalist deviation [in Georgian with summary in Russian]. IU. M. Kacharava. Trudy Inst. ist. AN Gruz. SSR 5:75-133 '55.

TRANSCAUCASIA—REVOLUTION OF 1905
Participation of the workers and peasants of Trans- caucasia in the Revolution of 1905-1907. G. V. Kha- chapuridze. Dokl. i soob. Inst. ist. no. 9:40-47 '56.

TRANSIENTS (ELECTRICITY)
Graphic calculation of transient processes in multi-stage excitation systems for electric machines with feedback and nonlinearities. A. V. Basharin. Vest. elektroprom. 27 no. 5:59-65 My '56.

TRANS-ILI ALA-TAU—GLACIERS
Features of the geography and regimen of glaciers of the Trans-Ili Ala-Tau. N. N. Pal'gov. Vest. AN Kazakh. SSR 12 no. 10:48-58 O '56.

TRANSISTOR AMPLIFIERS
Graphic method of calculating heat compensation in rheostat amplifiers based on transistors. G. V. Voishvillo, V. S. Davydov. Radiotekhnika 11 no. 10:18-24 O '56.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTORS
Equivalent circuit for high frequency transistors. I. I. Litvinov. Radiotekhnika 11 no. 10:25-29 O '56.
Equivalent reactances in junction transistors. L. N. Kaptsov, K. S. Rzhevkin. Radiotekh. i elektron. 1 no. 5:670-679 My '56.
Switch devices using semiconductor triodes. E. Martynov. Radio no. 11:46-49 N '56.
Transistor voltage regulators. B. N. Kononov. Priborostroenie no. 10:9-12 O '56.

TRANSIT CIRCLE
Correcting readings on the meridian circle at the Kiev Astronomical Observatory. A. A. Gorynia. Publ. Kiev. astron. obser. no. 7:59-63 '56.
Investigating the pivots of the meridian circle at the Kiev Astronomical Observatory. A. A. Gorynia. Publ. Kiev. astron. obser. no. 7:53-58 '56.

TRANSMITTING SETS, RADIO see Radio—Transmitters and transmission

TRANSPLATATION OF TISSUES see Tissues—Transplantation

TRANSPORTATION see subdivision under Kazakhstan; United States

TRANSPORTATION, AUTOMOTIVE
Assure uninterrupted transport of freight and passengers in winter. Avt. transp. 34 no. 11:1-3 N '56.
Development of automotive transportation in the U.S.S.R. A. I. Lebed'. Obz. vazhn. sob. SSSR 3 no. 100:17-24 N '56.
Dispatcher control in centralized freight haulage. V. Vaisfel'd, V. Gromov. Avt. transp. 34 no. 10:7-8 O '56.
In the Collegium of the Ministry of Automotive Transport and Highways of the R. S. F. S. R. Avt. transp. 34 no. 11:34 N '56.
Pronin, IUrii. [Hydraulic construction worker's diary] Dnevnik gidrostroovtsa. Stalingrad, Oblastnoe kn-vo, 1952, 50 p.
[MICROFILM]
Regulate wages in the automotive transport industry. N. Nevidimin and others. Avt. transp. 34 no. 10: 3-5 O '56.
Ways of introducing dispatcher radio communication in automotive transport enterprises. V. Pavlenko. Avt. transp. 34 no. 11:12-13 N '56.

TRANSURANIC ELEMENTS—DECAY
Highest rotational state of nuclei. Alpha decay intensity calculated for rotational excited levels. L. L. Gol'din, G. I. Novikova, E. F. Tret'iakov. Izv. AN SSSR. Ser. fiz. 20 no. 8:868-874 Ag '56.

TRAUMATISM
Gorki. Gor'kovskii nauchno-issledovatel'skii institut vosstanovitel'noi khirurgii, ortopedii i travmatologii. [Problems in traumatology; a collection of scientific papers] Voprosy travmatologii; sbornik nauchnykh rabot. [Gorki]
Vol. 3, 1955.
(DAFM)

TRAWLS AND TRAWLING
Selecting an efficient form of trawl moth and determining the probability coefficient of the catch. S. B. Giul'badamov. Ryb. khoz. 32 no. 11:78-84 N '56.

TREACLE MUSTARD see subdivision under Azerbaijan

TREASURE-TROVE
(see also subdivision under Borochitsy)
"Russian treasures of the 9th-13th centuries." G. F. Korzhukhina. Reviewed by V. L. IAnin. Sov. arkheol. 25:357-365 '56.

TREE PLANTING
On the transpiration of transplanted trees (with English summary in insert). G. D. IAroslavtsev. Fiziol. rast. 3 no. 5:405-408 S-O '56.

TREES see subdivision under Kiev; Ukraine

TREES—DISEASES AND PESTS
Lepidoptera, injurious to shelterbelt trees and shrubs in the Samur-Divichi Canal regions and measures for their control. Report no. 3. L. M. Akhundova-Tuaeva. Uch. zap. AGU no. 1:75-90 '56.
Mites of the genus Tetranychus injurious to forest shelterbelt trees and shrubs of the Samur-Divichi Canal regions. Report no. 3. S. G. Khalilova. Uch. zap. AGU no. 7:83-90 '55.
Mites of the genus Tetranychus, injurious to the trees and shrubs along the Samur-Divichi Canal and in Apsheron. S. G. Khalilova. Uch. Zap. AGU no. 2:69-76 '55.

TREES, FOSSIL see subdivision under Kanev

TREMATODA
(see also subdivision under Bug River; Marka-Kul' region)
Mollusks serving as intermediary hosts to the liver fluke and lanceolate trematode in Tajikistan. S. A. Rostovshchikov. Trudy AN Tadzh. SSR 21:49-57 '54.

TRIANGULATION
Provorov, K. L. [Accuracy in continuous triangulation systems] O tochnosti sploshnykh setei triangulatsii. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 103 p.

TRICHOMONAS
Cultivation of Trichomonas vaginalis. G. M. Paronikian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:43-48 O '56.

TRICHOMONIASIS
Trichomoniasis of male urogenital organs. B. A. Teokharov. Vest. ven. i derm. 30 no. 5:49-52 S-O '56.

TRIDYMITE see subdivision under Chop Depression

TRIGEMINAL NERVE
Permeability of the nasal tissue and migration of leukocytes to the surface of the nasal mucosa following disorders of sensory innervation. V. D. Dragomiretskii. Arkh. pat. 18 no. 5:55-62. '56.

TRIGONOMETRIC SERIES see Fourier's series

TRIGONOMETRY, SPHERICAL
Ventsel', M. K. [Spherical trigonometry; a short course] Sfericheskaia trigonometriia; kratkii kurs. Izd. 2-e, ispr. i dop. Moskva, Izd-vo geodezicheskoi i kartograficheskoi lit-ry, 1948. 153 p.

TRIODES
Ionic photorelay [with English summary in insert]. L. N. Kornblev. Avtom. i telem. 17 no. 11:1040-1042 N '56.

TRIPOL'YE—MODELING
Significance of the Tripol'ye statuettes of women. M. T. Gembarovich. Sov. arkheol. 25:106-123 '56.

TRITIUM
Use of liquid scintillators for the quantitative determination of tritium in ruins (from "Nucleonics," v. 14, no. 3, 1956). S. L. Atom. energ. no. 4:180 '56.

TROLLEY BUSES
Efficiency experts in the municipal electric transport system of Moscow. K. Basurmanov. Zhil.-kom. khoz. 6 no. 6:12-15 '56.

TROPICAL FRUIT see subdivision under Black Sea region

TROUT
Liver regeneration in the trout Salmo irideus. K. A. Fakterovich. Dokl. AN SSSR 110 no. 2:301-303 S '56.

TRUCK TRAILERS
Truck for transporting pipe. N. Romashin. Avt. transp. 34 no. 11:14-15 N '56.

TRUCKS, AUTOMOBILE see Motortrucks

TRUSKAVETS—DESCRIPTION
Glukhon'kii, T. T., I. I. Markov, and D. I. Vizir. [The Truskavets health resort and its facilities] Kurort Truskavets i ogo lechebnye faktory. Kiev, Gos. med. izd-vo USSR, 1956. 98 p.
(DNLM)

TRUSSES
Calculations for ship structures of the rectangular-truss type. A. I. Sugal'. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:37-51 '54.

TRYPTOPHAN
Histochemical distribution of protein-bound tryptophan in mammalian tissues. N. L. IUshkevich, B. V. Kedrovskii. Dokl. AN SSSR 110 no. 2:297-300 S '56.

TSAREVICH, KONSTANTIN ALEKSEEVICH, 1902-1954
Konstantin Alekseevich TSarevich; obituary. Trudy VNII no. 8:3-5 '56.

TSERASKII, VITOL'D KARLOVICH, 1849-1925
Philosophy of V. K. TSeraskii. IU. G. Perel'. Ist.-astron. issl. no. 1:323-334 '55.
Recollections about V. K. TSeraskii. F. IA. Zotov. Ist.-astron. issl. no. 1:335-342 '55.

TSIOTKA, pseud. see Pashkevich, Aloiza, 1876-1916

TSKHALTUBO—RADON—THERAPEUTIC USE
Effectiveness of treating hypertension at the TSkhaltubo health resort. G. V. TSitlanadze. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:26-31 O-D '56.

TUBERCULIN
Field study on the action of tuberculin prepared on a synthetic culture medium. M. G. Nikitin, V. I. Lebedev. Sbor. trud. Khar'. vet. inst. 22:259-267 '54.

TUBERCULOSIS
Bronchial ligation in treatment of pulmonary tuberculosis. L. K. Bogush, N. I. Gerasimenko, A. A. Savon. Khirurgiia 32 no. 8:3-7 Ag '56.
[Contemporary problems of tuberculosis; translations, surveys, and abstracts of foreign periodical literature.] Sovremennye problemy tuberkuleza 7 no. 6 '56.
(DNLM)

TUBERCULOSIS IN ANIMALS
Diagnosis and hygienic rating of meat after slaughtering cattle affected by a latent form of tuberculosis. I. V. Shur. Sbor. trud. Khar'. vet. inst. 22:143-149 '54.
Studying sheep and swine for the pathogenic properties of a culture grown from tuberculosis bacilli isolated from field voles. I. I. Lukashov and others. Sbor. trud. Khar'. vet. inst. 22:248-251 '54.

TUBERCULOSIS IN CATTLE
Controlling tuberculosis in cattle. I. P. Hondaruk. Sots. tvar. 28 no. 11:52-54 N '56.

TUBERCULOSIS IN POULTRY
Dry tuberculoproteins in the diagnosis of tuberculosis in poultry. V. I. Rotov. Sots. tvar. 28 no. 11:54-56 N '56.
Experimental and industrial practice in diagnosing tuberculosis in poultry. V. I. Rotov. Sbor. trud. Khar'. vet. inst. 22:252-259 '54.
Intracutaneous tuberculin testing of poultry conducted in two stages. V. I. Rotov. Sbor. trud. Khar'. vet. inst. 21:255-263 '56.

TUFA
Flora of Quaternary calcareous sinter of European U. S. S. R. S. V. Meien. Biul. MOIP, Otd. geol. 31 no. 3:115 My-Je '56.

TUFFITE see subdivision under Carpathian Mountain region

TUGCHAY VALLEY—KARST
Clayey karst of the Tugchay River Basin. M. A. Museibov, Sh. B. Kerimov. Uch. zap. AGU no. 5:31-34 '55.

TULA—MUNICIPAL SERVICES
In a new city district. S. Tikhonov. Zhil.-kom. khoz. 6 no. 6:6-7 '56.

TULA PROVINCE—EFFICIENCY, INDUSTRIAL
For further development of efficiency experts' work. A. Voronin. Prom. koop. no. 11:28 N '56.

TULA PROVINCE—TECHNICAL EDUCATION
How technical educational problems are resolved in two provinces. A. Tiutin. Nar. obr. no. 11:10-26 N '56.

TUMORS
Blastomogenic effect of ionizing radiation. M. N. Pobedinskii. Med. rad. 1 no. 5:30-40 S-O '56.
Ewing's sarcoma. B. N. TSypkin, A. A. Zaporozhets. Ortop., travm. i protez. 17 no. 4:16-17 Jl-Ag '56.
Myxomatosis. S. A. IAkovlev. Veterinariia 33 no. 12: 36-38 D '56.
Nerves in malignant tumors of various locations. P. A. Bordiug. Arkh. pat. 18 no. 6:113-115 '56.
"Patologia polska" [Polish pathology], no. 1, 1956. Reviewed by T. F. Zhebro. Arkh. pat. 18 no. 5:105-106 '56.
Problems in oncology at the tenth session of the Academy of Medical Sciences of the U. S. S. R. N. T. Raikhlin. Arkh. pat. 18 no. 5:114-124 '56.
Sulfur in muscle and tumor tissues [with summary in English]. V. I. Gorodyskii, I. V. Veselaia. Vop. med. khim. 2 no. 5:357-358 S-O '56.
Synthesis of glutathione by hepatoma and ascitic cancer cells [with summary in English]. A. K. Plikkat Vop. med. khim. 2 no. 5:323-327 S-O '56.

TUMORS—ABSTRACTS
[Abstracts of Soviet medical literature: Oncology.] Sovetskoe meditsinskoe referativnoe obozrenie: Onkologiia no. 9 '56.
(DNLM)

TUNGSTEN
Colorimetric determination of tungsten using methyl violet. A. F. Nemirovskaia, V. I. Petrashen'. Nauch. trudy NPI 26:237-245 '55.
Investigating the vaporability of tungsten mirrors in X-ray tubes. F. I. Solov'ev. Trudy Tsentr. nauch. issl. inst. rentg. i rad. 6:209-210 '56.

TUNGSTEN-IRON-COBALT ALLOYS see Iron-cobalt-tungsten alloys

TUNGSTEN SULFIDES
Change in the catalytic action and physical properties of the $WS_2$ catalyst with the weakening of its activity. I. V. Kalechits, K. A. Pavlova, S. M. Samoilov. Trudy Vost.-Sib. fil. AN SSSR no. 4:123-129 '56.

TUNGSTEN SULFIDES (Continued)
Using stationary catalysts for destructive hydrogenation of high-molecular raw materials. Report 1: Liquefaction of certain components of tars and hydrogenation of coals in the presence of $WS_2$ and catalyst. I. V. Kalechits, D. Kh. Nikolaeva. Trudy Vost. -Sib. fil. AN SSSR no. 4:130-136 '56.

TUNGUSKA BASIN—GEOLOGY, STRATIGRAPHIC
On the Tudam series of the Tunguska Basin, an analog to the Ustrug series of the Kuznetsk Basin. M. F. Neiburg. Dokl. AN SSSR 110 no. 3:397-398 F '56.

TUNNELS
Vehicular tunnels. A. Fain. Zhil.-kom. khoz. 6 no. 6:30 '56.

TURBINES
Creating conditions for the mass introduction of progressive practice. D. Roshal'. Sots. trud no. 9:91-94 S '56.

Current trends in the development and use of heat-resistant materials in turbine manufacturing. P. D. Miklashevskii-Mikheev. Teploenergetika 3 no. 12:3-10 D '56.

Pikalin, S.M. [New method of laying foundations for turbine installations] Novyi metod ustanovki na fundamenty turboagregatov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 30 p.

Thermodynamic calculation of turbine nozzles subject to outflow losses. M. M. Nazarchuk. Dop. AN URSR no. 4:362-364 '56.

TURBINES—SAFETY APPLIANCES
New design for striker-type safety release devices. G. F. Kharitskii. Teploenergetika 3 no. 11:63 N '56.

TURBODRILLS
Controlling the operation of mud pumps by means of a hydraulic coupling and hydraulic transformer. K. A. Bondarev. Azerb. neft. khoz. 35 no. 7:12-15 Jl '56.

Mirsanov, D. M. [Operating and repairing turbodrills; work practice of the No. 1 Drill Section of the Tuimazaburneft' Trust] Ekspluatatsiia i remont turbodolot; opyt raboty kontory burenitia No. 1 tresta Tuimazaburneft', Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 60 p. (Opyt novatorov neftianikov)

Selecting the quantity of circulating fluid and the turbodrill in developing efficient drilling conditions. V. G. Belikov. Azerb. neft. khoz. 35 no. 7:11-12 Jl '56.

TURGAY GATES—FORAMINIFERA, FOSSIL
Development of miliolidea in the Paleogene period in the Turgay Gates their paleoecology and stratigraphic role. M. IA. Serova T. P. Bondareva. Biul. MOIP. Otd. geol. 31 no. 3:116-117 My-Je '56.

TURKESTAN—EDUCATION
Public education in Turkestan (1900-1920). K. E. Bendrikov. Sov. pedag. 20 no. 12:50-60 D '56.

TURKESTAN—REVOLUTION, 1917-1921
Sapegina, V.A. [The struggle to establish the Soviet governmental apparatus in Turkestan (February 1917 - April 1918)] Bor'ba za sozdanie sovetskogo gosudarstvennogo apparata v Turkestane (fevral' 1917 - aprel' 1918 gg). Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR, 1956. 161 p.

TURKEY—FOREIGN RELATIONS—RUSSIA
Participation of the Ottoman Empire in the intervention against Soviet Russia in 1918. A. M. Shamsutdinov. Uch. Uch. zap. Inst. vost. 14:163-196 '56.

TURKEY—HISTORY
Creation of the first Young Turks organizations. A. M. Valuiskii. Uch. zap. Inst. vost. 14:197-221 '56.

Lavrov, N.M. [Turkey from 1918 to 1956; study material] Turtsiia v 1918-1956 godakh; uchebnyi material. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 52 p.

TURKEY—WORLD WAR, 1939-1945
The Turkish "Law of National Defense" of 1940. P. P. Moiseev. Uch. zap. Inst. vost. 14:222-246 '56.

TURKEYS—DISEASES AND PESTS
A new species of Coccidia in turkeys. S. K. Svanbaev. Trudy Inst. zool. AN Kazakh. SSR 3:161-163 '55.

TURKIC LANGUAGES
The history and classification of Bulgarian-Tatar epigraphy. G. V. Usupov. Epig. Vost. no. 11:44-53 '56.

TURKIC LANGUAGES—GRAMMAR
Co-ordinating conference of linguists. Vest. AN Kazakh. SSR 12 no. 10:100 O '56.

TURKISH INSCRIPTIONS (OLD) see subdivision "Inscriptions, Turkish (Old)" under Fergana

TURKMEN ARCHITECTURE see Architecture, Turkmen

TURKMEN LANGUAGE—TRANSLATION
"Syntactic problems in translations from the Russian into Turkmen" by A. Annanurov. Reviewed by N. N. Klimenko. Izv. AN Turk. SSR no. 5:89-94 '56.

TURKMEN LANGUAGE—VERB
Formation of the causative voice [in Turkmen with summary in Russian]. B. Charyiarov. Izv. AN Turk. SSR no. 5:67-73 '56.

TURKMENISTAN—AFFORESTATION
Conditions for forest cultivation on Molla-Kara and Dzhebel mands (western Turkmenistan). V. P. Dobrovolskii. Izv. AN Turk. SSR no. 3:51-56 '56.

TURKMENISTAN—AGRICULTURE
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954. [The "Turkmen S. S. R." pavilion; a guidebook] Pavil'on "Turkmenskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 22 p.

TURKMENISTAN—ANTIQUITIES
Treasure of early Christian golden plates and medallions from Geok-Depe. M. E. Masson. Izv. AN Turk. SSR no. 5:45-48 '56.

TURKMENISTAN—BIRDS
Mass destruction of some species of birds and Afghan field mice. A. K. Rustamov, N. Inhadov. Izv. AN Turk. SSR no. 5:86-88 '56.

TURKMENISTAN—CONSTITUTION
Alaeva, D.M. [1927 Constitution of the Turkmen S.S.R. Abstract of a dissertation for the degree of candidate of the juridical sciences] Konstitutsiia SSR 1927 goda. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata iuridicheskikh nauk. Moskva, Akademiia nauk SSSR, 1955. 15 p.
[MICROFILM]

TURKMENISTAN—DAIRY CATTLE
Material interest is an important factor in the development of dai., cattle breeding. V. F. Kondakov. Izv. AN Turk. SSR no. 3:15-23 '56.

TURKMENISTAN—FIELD MICE
Mass destruction of some species of birds and Afghan field mice. A. K. Rustamov, N. Inhadov. Izv. AN Turk. SSR no. 5:86-88 '56.

TURKMENISTAN—GEOLOGY, STRATIGRAPHIC
Biostratigraphy of marine Quaternary deposits of Turkmenia. L. A. Nevesskaia. Biul. MOIP. Otd. geol. 31 no. 3:65-79 My-Je '56.

TURKMENISTAN—KARAKUL SHEEP
Problems in the growth, development, and early maturity of Karakul sheep. I. B. Bektrov. Izv. AN Turk. SSR no. 3:69-72 '56.

TURKMENISTAN—LAW
Turkmen S. S. R. Laws, statutes, etc. [Collection of laws of the Turkmen S. S. R. in force as of May 1, 1954] Sbornik deistvuiushchego zakonodatel'stva Turkmenskoi SSR na 1 maia 1954 goda. Ashkhabad, Turkmengosizdat, 1955. 330 p.

TURKMENISTAN—OSTRACODA, FOSSIL
Ostracoda in Miocene formations of Izat-Kuli (southwestern Turkmenistan). N. E. Stepanaitys. Izv. AN Turk. SSR no. 5:79-80 '56.

TURKMENISTAN—PIGEONS
Reproduction of Turkestan blue pigeons (Columba livia neglecta). L. L. Semashko. Izv. AN Turk. SSR no. 5: 85-88 '56.

TURKMENISTAN—PLANTS, FLOWERING OF
Cases of second flowering of trees and shrubs in Turkmenistan. N. N. Karingdyev, A. S. Mishchenko. Izv. AN Turk. SSR no. 3:67-68 '56.

TURKMENISTAN—POULTRY
Effect of cobalt feeding on the growth and development of chicks in the hot climate of Turkmenistan. V. V. Donchenko, M. S. Kapustian, A. Amanmuradov. Izv. AN Turk. SSR no. 4:69-73 '56.

TURKMENISTAN—PROSPECTING—GEOPHYSICAL METHODS
Some results of geophysical prospecting in northern Turkmenia. D. P. Kasatkin. Razved. i okh. nedr 21 no. 6:34-43 N-D '55.

TURKMENISTAN—SEISMOLOGY
Features of the distribution of earthquakes in Turkmenistan and some problems in forecasting them. G. P. Tamrazian. Izv. AN Turk. SSR no. 5:17-26 '56.

TURKMENISTAN—SHEEP
Meat and lard qualities of the first generation of Degeres-Saradzha crossbred rams. E. L. Mirzoeva, K. Gel'dyev. Izv. AN Turk. SSR no. 4:55-59 '56.

TURKMENISTAN—SOIL MOISTURE
Soil moisture cycle in southern Turkmenistan. G. T. Leshchinskii. Izv. AN Turk. SSR no. 3:34-43 '56.

TURKMENISTAN—VITICULTURE
Disposition of grape growing in Turkmenistan. IU. D. Shapsin. Izv. AN Turk. SSR no. 3:57-61 '56.

TURKMENISTAN—VOLCANOES
Ak-Patlauk, a mud volcano. N. O. Nazarov. Izv. AN Turk. SSR no. 5:45-52 '56.

TURKMENISTAN—WINDS
Special aspects of the intensity of winds in the Turkmen S. S. R. M. V. Koladin. Izv. AN Turk. SSR no. 5:12-16 '56.

TURKMENISTAN—WOMEN—EMPLOYMENT
Participation of women of Soviet Turkmenistan in industry and agriculture. B. Pal'vanova. Izv. AN Turk. SSR no. 4:3-14 '56.

TURKMENISTAN—WORLD WAR, 1939-1945
Some forms of propaganda work on collective farms in Soviet Turkmenistan during the Great Patriotic War of 1941-1945. A. R. Agaeva. Izv. AN Turk. SSR no. 5:59-65 '56.

TURKMENISTAN—WORLD WAR, 1939-1945—WAR WORK
Aid given to field forces by Turkmen youth during the Great Patriotic War. R. A. Bazarova. Izv. AN Turk. SSR no. 5:40-58 '56.

TURNER, FREDERICK JACKSON, 1861-1932
The problem of the coexistence of different means of production in F. J. Turner's works. A. V. Efimov. Vop. filos. no. 5:132-141 '56.

TURNING
Bykov, P.B., and L.D.Khankin. [Reducing setup, man and down time in lathe work] Sokrashchenie vspomogatel'nogo vremeni pri rabote na tokarnykh stankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 166 p.

Somins'kyi, V.K. [Ways of reducing setup, man, and down time in high speed lathe work] Shliakhy skorochennia doponizhnoho chasu pry shvydkisnii tokarnii obrobtsi. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1956. 16 p.

TURNING—BIBLIOGRAPHY see Bibliography—Turning

TURPENTINE
Use of purified turpentine in hymenolepiasis of domestic ducks. O. N. Kharchenko. Pitsevodstvo 6 no. 11:39-40 N '56.

TUVA AUTONOMOUS PROVINCE—BOTANY
"Outline of the flora of Tuva" by K. A. Sobolevskaia. Reviewed by P. P. Poltakov. Bot. zhur. 41 no. 8:1223-1225 Ag '56.

TUVA AUTONOMOUS PROVINCE—CARBONATES (MINERALOGY)
Peryukhina, A. E., and N. IA. Drobinina. [Carbonates of the Tuva Autonomous Province] Karbonatnye porody Tuvinskoi avtonomnoi oblasti. Moskva, Izd-vo Akademii nauk SSSR, 1956. 75 p. (Trudy Tuvinskoi kompleksnoi ekspeditsii, no. 1)

TUVA AUTONOMOUS PROVINCE—GEOLOGY
Leont'ev, L. N. [Brief geological sketch of Tuva] Kratkii geologicheskii ocherk Tuvy. Moskva, Izd-vo Akademii nauk SSSR, 1956. 76 p. (Trudy Tuvinskoi kompleksnoi ekspeditsii, no. 4)

TUVA AUTONOMOUS PROVINCE—MAN, PREHISTORIC
Outline of the paleoanthropology of Tuva Autonomous Province. V. P. Alekseev. Trudy Inst. etn. 33:374-393 '56.

TUVA AUTONOMOUS PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION—ACCOUNTING
Accounting is not run well. N. Petrov. Raspr. pech. no. 10:17 O '56.

2, 4-D
The effect of 2, 4-D preparations on formative processes in summer wheat [with English summary in insert]. I. A. Filippenko. Fiziol. rast. 3 no. 5:440-445 S-O '56.

TYPESETTING MACHINES
From goose quill to characitron. L. Teplov. Tekh. mol. 24 no. 11:26-28 N '56.

TYPHOID FEVER
Rating the effectiveness of the therapeutic use of synthomycin in typhoid fever in children. A. I. Chitaeva. Pediatriia 39 no. 4:84 Jl-Ag '56.

Remarks on the "Instructions on laboratory diagnosis of typhoid fever and paratyphoids A and B" of the Ministry of Public Health of the U. S. S. R. A. B. Chernomordik. Lab. delo 2 no. 6:27-29 N-D '56.

TYPHUS FEVER
Role of the reticulo-endothelial system in the mechanism of immunity to typhus fever. E. IA. Shtorngol'd. Vop. kraev. pat. no. 4:86-98 '54.

Typhus fever. P. E. Rozenfel'd. Med. sestra 15 no. 10:10-14 O '56.

TYPHUS FEVER—PREVENTIVE INOCULATION
Immunological reactivity of animals in experimental typhus fever in connection with the different functional states of their nervous system. E. IA. Shtorngol'd. Vop. kraev. pat. no. 4:99-107 '54.

TYROSINE
Dynamics of the excretion of tyrosine in scarlet fever. T. I. Koshechkina. Pediatriia 39 no. 4:84 Jl-Ag '56.

TYROSINE (Continued)

Mechanism of the disruption of tyrosine oxidation in the liver in protein deficiency. V.S.Kazantseva, S.IA. Kaplanskii. Biokhimiia 21 no.5:528-533 S-O '56.

TYUMEN' PROVINCE—PETROLEUM—ANALYSIS

Composition and properties of Berezovo oil of Tyumen' Province. A.I.Bogomolov, K.I. Panina, L.G.Andreeva. Trudy VNIGRI no.95:400-404 '56.

UDDER—DISEASES

Treating female rabbits for acute infectious mastitis. V.IA.Nikitin. Veterinariia 33 no.12:35-36 D '56.

UDMURT A.S.S.R.—ADMINISTRATIVE AND POLITICAL DIVISIONS

Udmurt A.S.S.R. Verkhovnyi Sovet. Informatsionno-statisticheskii otdel. [Administrative and territorial divisions of the Udmurt A.S.S.R. as of September 1, 1955] Administrativno-territorial'noe delenie Udmurtskoi ASSR na 1 sentiabria 1955 goda. Izhevsk, Udmurtskoe kn-vo, 1956. 243 p.

UDMURT A.S.S.R.—REVOLUTION OF 1905

Izhevsk. Nauchno-issledovatel'skii institut istorii, iazyka, literatury i fol'klora. The revolution of 1905-1907 in Udmurtia; papers and documents] Revoliutsiia 1905-1907 godov v Udmurtii; materialy i dokumenty. Izhevsk, Udmurtskoe kn-vo, 1956. 139 p.

UFA—DISABLED—EMPLOYMENT

Let us improve working and social conditions. E. Fiterman. Prom. koop. no. 1:25 N '56.

UKHTOMSKIY DISTRICT—MACHINE-TRACTOR STATIONS

Let's not be satisfied with present achievements. I. Mukhin, V. Sherstnev. MTS 16 no.11:9-13 N '56.

UKRAINE—AGRICULTURAL EXHIBITIONS

Large-scale demonstration of achievements. I.H. Holikov. Mekh. sil'. hosp. 7 no.11:3-4 N '56.

UKRAINE—AGRICULTURAL RESEARCH

Physiology of plant nutrition and agricultural chemistry during the thirty years of Soviet rule in the Ukraine. P.A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no.1/2:23-37 '48.

UKRAINE—AGRICULTURE

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Ukrainian S.S.R." pavilion; a guidebook] Pavil'on "Ukrainskaia SSR"; putevoditel', Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 28 p.

Party organizations of the Ukraine were organizers of socialist competition and the extension of progressive practices in the field of agriculture during the prewar years of the third five-year plan. N.A. Bessarabov. Pratsi kaf. susp. nauk L'viv. un. no.1:52-68 '54.

UKRAINE—AGRICULTURE—STUDY AND TEACHING

Training machine operators according to new programs. M.P. Puzanov. Mekh. sil'. hosp. 7 no.11:8-9 N '56.

UKRAINE—APPLE—VARIETIES

Pervomaiskaia apple variety. I.I.Kochura. Sad i og. no.10:75-76 O '56.

UKRAINE—BIBLIOGRAPHY

[Book chronicle.] Litopys knyh 33 nos.1-9 Ja-S '56.

UKRAINE—BOOKSELLERS AND BOOKSELLING

Decisively improve bookselling. Sots. kul't. 9 no.10: 1-2 O '56.

UKRAINE—CHEMISTRY—STUDY AND TEACHING

Current problems in polytechnical education in the Ukrainian S.S.R. Khim. v shkole 11 no.6:73-74 N-D '56.

UKRAINE—CHRISTMAS

Levkovych, Izydora. [Ukrainian Christmas folk customs] Ukrains'ki narodni rizdviani zvychai. London, Nakladom Ukrains'koi vyd. spilky, 1956. 42 p.

UKRAINE—CLOVER—VARIETIES

Metabolism and winter hardiness of cold clover populations I.V. Borzakovskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no.4:208-219 '51.

UKRAINE—CONCERTS

Improve the repertoire of concert agencies. Mystetstvo no.5:2-4 S-O '56.

Observations and suggestions of a listener. L.I. Mystetstvo no.5:5-6 S-O '56.

UKRAINE—DAIRY CATTLE

Increasing the fat content of the milk of Red Steppe cattle. IU.F. Bondarev. Sots. tvar. 28 no.11:30-34 N '56.

UKRAINE—ECONOMIC CONDITIONS

To new achievements under the banner of the Great October. Visnyk AN URSR 27 no.11:3-7 N '56.

UKRAINE—ECONOMICS—STUDY AND TEACHING

Brief news. Nauk. zap. Inst. ekon. AN URSR no.4: 110-123 '55.

UKRAINE—EDUCATION

Struggle of the Communist Party of the Ukraine for the elimination of illiteracy and the development of popular education in the Ukraine; 1926-1932. M.I. Rakhno. Pratsi kaf. susp. nauk L'viv. un. no.1:120-131 '54.

UKRAINE—EDUCATION, HIGHER

Measures for improving the training and rating of scientific and educational personnel. Visnyk AN URSR 27 no.11:47-48 N '56.

UKRAINE—EDUCATION, PRESCHOOL

Under the banner of the Great October. Doshk. vykh. 17 no.11:1-4 N '56.

UKRAINE—FORESTS AND FORESTRY

Lavrinenko, D.D., A.M.Florovskii, and A.K.Kovalevskii. [Forest types for the Ukraine] Tipy lesnykh kul'tur dlia Ukrainy. Kiev, Izd-vo Akademii nauk USSR, 1956. 286 p.

UKRAINE—FRUIT CULTURE

Fruit culture and viticulture in the Ukraine in the sixth five-year plan. Z.I. Shapoval. Sad i og. no.10:32-34 O '56.

UKRAINE—GAME LAWS

New hunting regulations in the Ukraine. V. Radchuk. Okh. i okh. khoz. no.11:15 N '56.

UKRAINE—GARNET

Andradite findings in the Bug River area. M.H. Diadchenko. Dop. AN URSR no.4:402-404 '56.

UKRAINE—GLAUCONITE

Mineralogy of glauconites from Oligocene deposits of the Ukrainian crystalline massif. V.A.Makhinin. Min. sbor. no.5:210-226 '51.

UKRAINE—GRAPHIC ARTS

Soviet Ukrainian graphic arts; 1945-1956. V. Kasiian, IU. Turchenko. Mystetstvo no.5:7-13 S-O '56.

UKRAINE—HISTORICAL GEOGRAPHY

Kosaryk, Dmytro. [Shevchenko's haunts in the Ukraine] Shevchenkivs'ki mistsia na Ukraini. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 59 p.

UKRAINE—HISTORY

Instructive road ("Through the darkness; reminiscences," P. Karmans'kyi. Reviewed by A. Shlepakov). Ukrania no.22:21 N '56.

National liberation war of 1648-1654 and the reunion of the Ukraine with Russia. A.S. Brahinets'. Pratsi kaf. susp. nauk L'viv. un. no.1:89-95 '54.

The Ukraine in social and political writings of V. Korolenko. Pavlo Malyi. Zhovten' 6 no.11:102-110 N '56.

UKRAINE—HOURS OF LABOR

Working day in Ukrainian factories and plants at the end of the 19th century and the workers' struggle for its reduction. O.O. Nesterenko. Nauk. zap. Inst. ekon. AN URSR no.4:74-97 '55.

UKRAINE—IRRIGATION

New system of organizing and carrying out irrigation on state and collective farms in the Ukrainian S.S.R. S.S. Ionha. Nauk. zap. Inst. ekon. AN URSR no.4:58-60 '55.

UKRAINE—LABOR AND LABORING CLASSES—HISTORY

New work on the history of the laboring class in the Ukraine ("Formation of the laboring class in the Ukraine and its revolutionary struggle at the end of the 19th and beginning of the 20th century; end of the 19th century to 1904." F.E. Los'. Reviewed by P.M. Shmorhun). Visnyk AN URSR 27 no.11:83-86 F '56.

UKRAINE—MACCLINTOCKIA, FOSSIL

Remnants of Macclintockia and age of Paleogene deposits of the Ukrainian S.S.R. containing them. F.A. Stanislavskii. Bot. zhur. 41 no.8:1188-1193 Ag '56.

UKRAINE—MACHINE-TRACTOR STATIONS

Efficiency promoters and inventors help agriculture. P.F. Koval's'kyi. Mekh. sil'. hosp. 7 no.11:4-7 N '56.

Large-scale demonstration of achievements. I.H. Holikov. Mekh. sil'. hosp. 7 no.11:3-4 N '56.

UKRAINE—MACHINE-TRACTOR STATIONS—PRODUCTION STANDARDS

Regularize the labor norms for workers in tractor groups. M.I. Hurin, M.IA. TSeitlin. Mekh. sil'. hosp. 7 no.11:11-13 N '56.

UKRAINE—MAN, PREHISTORIC

Materials on the paleoanthropology of the Ukraine. T.S. Konduktorova. Trudy Inst. etn. 33:166-203 '56.

UKRAINE—MINERALOGY—BIBLIOGRAPHY

Bibliography on mineralogy of the Ukraine for 1955. F.F. Maksimenko. Min. sbor. no.10:391-415 '56.

Literature on the mineralogy of the Ukraine for 1950. E.K. Lazarenko. Min. sbor. no.5:360-374 '51.

UKRAINE—MUSCOVITE CRYSTALS

Fracturing and deformation of muscovite crystals in pegmatite veins of the Ukrainian crystalline shield. V.A. Shustov. Min. sbor. no.10:342-346 '56.

UKRAINE—NATIONALITIES

Our retort to slanderers. H.V. Karpenko. Visnyk AN URSR 27 no.11:77-78 N '56.

UKRAINE—PEASANTRY—HISTORY

Situation of working peasants of the western Ukraine during Pilsudski's fascist dictatorship; 1929-1933. P.P. Mykhatlyk. Pratsi kaf. susp. nauk L'viv. un. no.1:39-51 '54.

UKRAINE—PHOSPHORITES

Phosphorites of the Ukrainian S.S.R., their chemical composition and agrochemical characteristics. M.L. Manelkis. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no.3:207-214 '51.

UKRAINE—POLITICS AND GOVERNMENT

Babii, B.M. [Local organs of government in the Ukraine during the years 1917-1920] Mistsevi organy derzhavnoi vlady Ukrains'koi RSR v 1917-1920 rr. Kyiv, Vyd-vo Akademii nauk URSR, 1956. 207 p.

UKRAINE—RELATIONS (GENERAL) WITH AFGHANISTAN

Visit of friendship. Ukraina no.22:2 N '56.

UKRAINE—RELATIONS (GENERAL) WITH POLAND

Indissoluble friendship of two fraternal peoples. K. Lytvyn. Mystetstvo no.5:32-34 S-O '56.

UKRAINE—REVOLUTION, 1917-1921

Party policy in the Ukrainian village during 1919-1920. P.M. Ponomarenko, E.S. Ostkovskaia, A.V. Snegov. Vop. ist. no.8:105-109 Ag '56.

V.I. Lenin as the founder of the Ukrainian Soviet Socialist Republic. B.M. Babii. Visnyk AN URSR 27 no.11: 8-18 N '56.

UKRAINE—SOCIALIST COMPETITION

Party organizations of the Ukraine were organizers of socialist competition and the extension of progressive practices in the field of agriculture during the prewar years of the third five-year plan. N.A. Bessarabov. Pratsi kaf. susp. nauk L'viv. un. no.1:52-68 '54.

UKRAINE—SOILS

Amount of mobile forms of the trace element maganese in various soils of the Ukrainian S.S.R. P.A. Vlasiuk, L.D. Lendenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no.3:178-206 '51.

Conversion of various forms of phosphorus fertilizers in certain soils of the Ukrainian S.S.R. as affected by placement methods. N.I. Kukharenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no.3:215-230 '51.

UKRAINE—STOCK AND STOCKBREEDING

Basic economic problems of collective farm stockbreeding in the Ukrainian S.S.R. N. Romanenko. Nauk. zap. Inst. ekon. AN URSR no.4:3-32 '55.

For successful completion of the stockbreeding plan in the 1956-1957 economic year. I.H. Zorin. Sots. tvar. 28 no.11:3-9 N '56.

Lower production costs in stockbreeding. V.I. Moroz. Mekh. sil'. hosp. 7 no.11:13-15 N '56.

Work as progressive workers do. Sots. tvar. 28 no.11: 63-64 N '56.

UKRAINE—SUGAR INDUSTRY

Problems in the postwar development of the sugar industry in the Ukrainian S.S.R. V.M. Lops'kyi. Nauk. zap. Inst. ekon. AN URSR no.4:61-73 '55.

UKRAINE—TECHNICAL EDUCATION

Russia (1923- U.S.S.R.) Ministerstvo trudovykh rezervov. [Using A.S.Makarenko's pedagogical legacy in trade schools; a collection of papers on experience with trade schools in the Ukraine] Ispol'zovanie pedagogicheskogo naslediia A.S.Makarenko v uchebnykh zavedeniiakh trudovykh rezervov; sbornik materialov po obmenu opytom remeslennykh uchilishch Ukrainskoi SSR. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1951. 98 p.

UKRAINE—TETRABRANCHIATA, FOSSIL

New finds of Nautilidae in lower tertiary deposits of the Ukrainian S.S.R. D.IE. Makarenko. Dop. AN URSR no.2:162-168 '56.

UKRAINE—TICKS

The spread of ticks (Argasidae) in Ukraine. IE.M. IEmchuk. Dop. AN URSR no.2:205-207 '56.

UKRAINE—TREES

Winter transpiration in trees and shrubs in the Ukrainian steppe region [with English summary in insert]. V.I. Obraztsova. Fiziol. rast. 3 no.5:409-413 S-O '56.

UKRAINE—WHEAT

Best times for sowing winter wheat. Z.A. Mysevych. Dop. AN URSR no.2:172-176 '56.

Certain features of the nutrition of spring wheat. P.A. Vlasiuk, K.M. Dobrolvorskaia, V.IA. Cornaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no.5:275-279 '52.

UKRAINE—WHEAT (Continued)
Increasing the yield of spring wheat. M. S. Darmenko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5: 211-231 '52.

UKRAINE—VITICULTURE
Fruit culture and viticulture in the Ukraine in the sixth five-year plan. Z. I. Shapoval. Sad i og. no. 10:32-34 O '56.

UKRAINIAN ACTORS see Actors, Ukrainian

UKRAINIAN ALMANACS see Almanacs, Ukrainian

UKRAINIAN ART see Art, Ukrainian

UKRAINIAN LANGUAGE—SENTENCES
Krotevych, IE. V. [Construction of a complex sentence; a lecture] Budova skladnopidriadnoho rechennia; stenograma lektsii. [L'viv] Vyd. L'vivs'koho univ., 1951. 30 p.

UKRAINIAN LANGUAGE—STUDY AND TEACHING
Features of exercises in the Ukrainian language in the lower grade. IE. Sukhenko. Doshk. vykh. 17 no. 11: 9-13 N 56.

UKRAINIAN LANGUAGE—SYNTAX
Zahrods'kyi, A. O. [Grammar of the Ukrainian language; a manual for classes 6 and 7 in the seven-year and secondary schools] Gramatyka ukrains'koi movy; pidruchnyk dlia 6 i 7 klasiv semyrichnoi ta serednioi shkoly. Kyiv, Radians'ka shkola.
Pt. 2. [Syntax] Syntaksys. Vyd. 10-e, vypr. 1955. (NIC)

UKRAINIAN LITERATURE—COLLECTIONS
Lvov. Universytet. [Almanac] Al'manakh. Vol. 2. (1956). 1956. 189 p.
[Stormy petrels; collected literary works, on the 50th anniversary of the first Russian revolution] Burevisnyky; literaturno-repertuarnyi zbirnyk. Do 50-richchia pershoi rosiis'koi revoliutsii 1905 roku. Kyiv, Mystetstvo, 1955. 102 p.

UKRAINIAN LITERATURE—HISTORY AND CRITICISM
Radzykevych, Volodymyr. [History of Ukrainian literature] Istoriia ukrains'koi literatury. Miunkhen, Vernyhora, 1947. 2 v. in 1.
Vol. 1. [Ancient and medieval literature] Davnia i serednia doba.
Vol. 2. [Modern literature] Nova doba. (MID)

UKRAINIAN PAINTING see Painting, Ukrainian

UKRAINIAN PROVERBS see Proverbs, Ukrainian

UKRAINIAN TALES see Tales, Ukrainian

UKRAINIANS see subdivision under Canada

ULCERS
Method of applying Kefer's bandage to a trophic ulcer. Oranskii. Fel'd. i akush. 21 no. 10:57-58 O '56.

ULTRASONIC WAVES
Instrument for measuring the elastic moduli of crystals. K. S. Aleksandrov, O. V. Nosikov. Akust. zhur. 2 no. 3:244-247 Jl-S '56.
Theory of the ultrasonic interferometer. V. A. Solov'ev. Akust. zhur. 2 no. 3:285-290 Jl-S '56.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS
Absorption of ultrasonic vibrations considered as a characteristic of the elastic properties of rubber. L. A. Shimanskii, V. N. Solon'ko. Zhur. tekh. fiz. 26 no. 10:2302 O '56.
Apukhtin, G. I. [Soldering of aluminum and its alloys by means of ultrasonic waves] Paika aliuminiia i ego splavov s primeneniem ul'trazvuka. Moskva, Izd-vo Akademii nauk SSSR, 1956. 17 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh. Tema 22, no. 1-56-3)
"Sonics. Technique for the use of sound and ultrasound in engineering and science" [in English] by T. F. Hutor, R. H. Bolt. Reviewed by L. D. Rozenberg. Akust. zhur. 2 no. 3:317-318 Jl-S '56.
Supersonic method for investigating lamination of metal sheets. P. P. Khramov, F. V. Prorokov. Zav. lab. 22 no. 9:1065-1066 '56.
"Ultrasonic Engineering" [in English. A. E. Crawford. Reviewed by L. D. Rozenberg. Akust. zhur. 2 no. 3: 318-319 Jl-S '56.
Ultrasonic impulse-reflection method for testing turbine disks. B. IA. Litvinenko. Zav. lab. 22 no. 9:1068-1070 '56.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT
Effect of ultrasonic vibrations on the oocysts of Coccidia of rabbits. E. M. Kheisin, M. A. Klienokh. Biofizika 1 no. 6:721-726 '56.
Electronmicroscope analysis of high-frequency sound effect on Bact. subtilis. A. P. Pekhov. Biul. eksp. biol. i med. 42 no. 10:46-49 O '56.
Reflection phenomena of ultrasonic waves in biological media. I. E. Elpiner, I. M. Drize. Biofizika 1 no. 1: 30-35 '56.

ULTRAVIOLET RAYS
Decontamination of air in booths by ultraviolet rays. V. V. Vlodavets. Lab. delo 2 no. 6:19-20 N-D '56.
Sources of ultraviolet radiation. V. M. Skobelev. Svetotekhnika 2 no. 6:22-24 N '56.
Use of the ultraviolet microscope for examining the structure of aluminum alloys. I. F. Kolobnev and others. Zav. lab. 22 no. 7:803-804 '56.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT
Use of ultraviolet light in controlling the May beetle (Melolontha hippocastani Fab.) [with English summary in insert]. G. A. Mazokhin-Porshniakov. Zool. zhur. 35 no. 9:1350-1361 S '56.
Valuable experience in raising the young. A. N. Melikov. Nauka i pered. op. v sel'khoz. no. 10:8-9 O '56.

ULYANOVSK PROVINCE—HISTORY
Smirnov, A. P. [Ancient and medieval history of Ulyanovsk Province in the light of new archaeological studies; a lecture delivered in the museum August 23, 1955] Drevniaia i srednaia istoriia Ul'ianovskogo kraia v svete novykh arkheologicheskikh issledovanii. Stenogramma lektsii, prochitannoi v muzee 23 avgusta 1955 goda. Ul'ianovsk, Ul'ianovskii oblastnoi kraevedcheskii muzei, 1955. 27 p.

UMOV, NIKOLAI ALEKSEEVICH, 1846-1915
N. A. Umov's works on optics. D. D. Gulo. Trudy Inst. ist. est. i tekh. 10:269-298 '56.

UNDECANE
Synthesis of 2-cyclopentylactane and 5,5-dimethylundecane. G. A. Tarasova, G. S. Taits, A. F. Plate. Izv. AN SSSR, Otd. khim. nauk no. 10:1267-1269 O '56.

UNDERGROUND RAILROADS see Subways

UNDERGROUND WATER see Water, Underground

UNDULANT FEVER see Brucellosis

UNEMPLOYED
Chronic mass unemployment in the postwar period. I. Kuz'minov. Part. zhizn' no. 10:37-46 O '56.

UNGULATA—PARASITES see Parasites—Ungulata

UNIONS, TRADE see Trade unions

UNITED NATIONS
The 11th session of the World Federation of United Nations Associations. Mezhdunar. zhizn' no. 10:108-109 O '56.
On the eve of the 11th session of the U. N. General Assembly. Mezhdunar. zhizn' no. 10:3-13 O '56.
Special mission. Mol. mira no. 10:6-7 '56.
The U. N. and the current international situation. Mezhdunar. zhizn' no. 11:10-15 N '56.
The UN meets here. Paul Johnson. Mol. mira no. 10:5-6 '56.
The United Nations and youth. Chris Birch. Mol. mira no. 10:1 '56.

UNITED NATIONS—MEMBERSHIP
It is time to restore China's representation in the U. N. G. Tunkin. Mezhdunar. zhizn' no. 10:25-34 O '56.

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION
Information about UNESCO. Mol. mira no. 10:9 '56.
What do you know about UNESCO? Lev Volodin. Mol. mira no. 10:8-9 '56.

UNITED STATES—AIRPLANES, MILITARY
Boeing B-52. Kryl. rod. 7 no. 8:23 Ag '56.

UNITED STATES—ATOMIC BOMB—TESTING
Operation "Red Ring." A. Maksimovich. Sov. voin 38 no. 16:28 Ag '56.

UNITED STATES—ATOMIC POWER
Atoms for peace. Amerika no. 3:33-35 '56.

UNITED STATES—AUTOMOBILES—TRAILERS
Automobile trailers. A. B. Rudinov. Stroi. prom. 34 no. 45-46 O '56.

UNITED STATES—BLIND
Flowers for the blind. Amerika no. 3:53 '56.

UNITED STATES—BRIDGES
The longest automobile bridge. E. N. Roer. Avt. dor. 19 no. 10:27-28 O '56.

UNITED STATES—CATHOLIC CHURCH—HISTORY
Catholic historiography in the U. S. A. E. B. Cherniak. Vop. ist. rel. i ateiz. no. 4:322-353 '56.

UNITED STATES—COKE INDUSTRY—BY-PRODUCTS
Production and consumption of coke-oven products in the United States. E. B. Levin. Koks i khim. no. 7:54-55 '56.

UNITED STATES—CORN (MAIZE)
Foremost planter of corn. Ralph D. Wenblom. Amerika no. 3:9-11 '56.

UNITED STATES—COTTON MANUFACTURE
Organization of production in technologically advanced cotton mills in the U. S. A. M. E. Vilenskii. Tekst. prom. 16 no. 9:60-64 S '56.

UNITED STATES—CRACKING PROCESS
Quick replacement of a reactor of a catalytic cracking plant (from "World Petroleum, no. 7 '56). Stroi. pred. neft. prom. 1 no. 8:30 O '56.

UNITED STATES—ELECTRIC GENERATORS
Breakdown of turbogenerator rotors in the United States in 1954. O. E. Maleeva. Energomashinostroenie no. 11:30-31 N '56.

UNITED STATES—ELECTRIC MOTORS, INDUCTION
Synchronous-induction squirrel-cage motor. A. I. Gershengorn. Energ. biul. no. 11:31-32 N '56.

UNITED STATES—ELECTRIC POWER PLANTS
An American high-capacity heating and electric power plant. V. B. Pakshver. Teploenergetika 3 no. 11:55-56 N '56.

UNITED STATES—ELECTRIC SUBSTATIONS
American plan for standard minimum insulation clearances in outdoor a. c. substations (from "Tr., AIEE," 73 1954). Elektrichestvo. no. 11:88-89 N '56.

UNITED STATES—FARM MECHANIZATION
Mechanization of stockbreeding abroad. L. P. Kramarenko. Mekh. sil'. hosp. 7 no. 10:28-29 O '56.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—BRAZIL
New defeat of the American policy "from a position of strength." Mezhdunar. zhizn' no. 10:107-108 O '56.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—GREAT BRITAIN
Mikhailov, P. M. [The U. S. A. and England in capitalist markets after the Second World War] SShA i Anglilia na kapitalisticheskikh rynkakh posle Vtoroi Mirovoi voiny. Moskva, Izd-vo Akademii nauk SSSR, 1956. 137 p. (Nauchno-populiarnaia serriia)

UNITED STATES—FOREIGN POLICY—CHINA
Ch'ing, Ju-chi. [History of American aggression in Taiwan. Translated from the Chinese] Istoriia amerikanskoi agressii na Taivane. Perevod s kitaiskogo B. Zanegina. Vstup. stat'ia L. Delusina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 143 p.

UNITED STATES—FOREIGN RELATIONS
Myth of American "anticolonialism." Mezhdunar. zhizn' no. 11:115-117 N '56.

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA
Washington and Latin America. Mezhdunar. zhizn' no. 11:111 N '56.

UNITED STATES—FOREIGN RELATIONS—RUSSIA
Correspondence between the U. S. S. R. and the U. S. on the atomic problem. Mezhdunar. zhizn' no. 10:129-148 O '56.

UNITED STATES—GAS TURBINE LOCOMOTIVES
American coal dust gas turbine locomotives (from "Railway age," no. 10 1956). Zhel. dor. transp. 38 no. 11:87 N '56.

UNITED STATES—HISTORY
The problem of the coexistence of different means of production in F. J. Turner's works. A. V. Efimov. Vop. filos. no. 5:132-141 '56.

UNITED STATES—INTERNATIONAL RELATIONS—PERIODICALS
Under the banner of the "cold war." I. Mikason. Mezhdunar. zhizn' no. 11:128-134 N '56.

UNITED STATES—LABOR AND LABORING CLASSES
Declarations and facts. Mezhdunar. zhizn' no. 10:125-127 O '55.

UNITED STATES—LOCOMOTIVES
Atomic locomotives (from "Diesel Railway Traction," no. 289 1956). Zhel. dor. transp. 38 no. 11:87-88 N '56.

UNITED STATES—MOTION PICTURES—PERIODICALS
"Film culture." Isk. kino no. 10:110-111 O '56.

UNITED STATES—MOTORBOATS
Motorboats have become popular. Amerika no. 3:40-42 '56.

UNITED STATES—MOTORTRUCKS
Wheels on wheels. John Kelly. Amerika no. 3:18-19 '56.

UNITED STATES—NAVY
Under the Neapolitan sky. K. Karenin. Sov. mor. 16 no. 17:23 S '56.

UNITED STATES—NEGROES—EDUCATION
Raging of racists in the U. S. Mezhdunar. zhizn' no. 10: 117-118 O '56.

UNITED STATES—NUCLEAR REACTORS
Power reactor building program in the U. S. A. (from "Engineer" v. 201, no. 5231, 1956). O. Sich. Atom. ener no. 4:172-175 '56.

UNITED STATES—OIL WELL DRILLING, SUBMARINE
Development of offshore oil deposits in the U. S. A. I. P. Kuliev. Azerb. neft. khoz. 35 no. 9:43-44 S '56.

UNITED STATES—PHARMACISTS
American druggist. Amerika no. 3:48-50 '56.

UNITED STATES—PHOTOELECTRIC MULTIPLIERS
Fast electron multiplier with image transfer. S. F. Atom. energ. no. 4:168-169 '56.

UNITED STATES—PHOTOGRAPHY
Windows in the night sky. Photos by Robert Heilbreth, Steve Lansing. Amerika no. 3:22-23 '56.

UNITED STATES—POLITICS AND GOVERNMENT
Problems in present-day America. V. Korionov. Mezhdunar. zhizn' no. 10:42-55 O '56.

UNITED STATES—PRESS
Zhiveinov, N. I. [The capitalist press of the U. S. A.] Kapitalisticheskaia pressa SShA. Moskva, Gos. izd-vo polit. lit-ry, 1956. 407 p.

UNITED STATES—RAILROADS—CARS
Multi-purpose freight car (from "Railway Gazette," no. 4 1956). Zhel. dor. transp. 38 no. 11:88 N '56.

UNITED STATES—RAILROADS—CROSSING
Organizing nonstop meeting and overtaking train junctions. F. Pladis (from "Railway Age," July, Oct., 1955). Vest. TSNII MPS 15 no. 2:62 S '56.

UNITED STATES—RAILROADS—MAINTENANCE AND REPAIR
Cleaning metal parts (from "Railway Track and Structures," no. 6 1956). Zhel. dor. transp. 38 no. 11:89 N '56.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA
History of Russo-American Scientific relationships; 18th-19th century documents from the Archives of the Academy of Sciences of the U. S. S. R. M. I. Radovskii. Vest. AN SSSR 26 no. 11:93-101 N '56.

UNITED STATES—SCHOOLS
School in which children study the science of life. Marjorie Jares, Maria Eland. Amerika no. 3:2-8 '56.

UNITED STATES—SOCIAL CONDITIONS
Americans on their own country ("U. S. A. today" [in English]. Helen and Scott Nearing. Reviewed by V. Mikheev). Kommunist 33 no. 15:118-122 O '56.

UNITED STATES—SOCIALISM
"The American socialist movement, 1897-1912" [in English] by I. Kipnis. Reviewed by A. A. Poletaev. Vop. ist. no. 8:167-172 Ag '56.

UNITED STATES—SOCIOLOGY
Bourgeois sociologists in the role of "public consultants" V. S. Semenov. Vop. filos. no. 5:211-212 '56.
Empirical tendencies in present-day bourgeois sociology. A. Arbatov. Vop. filos. no. 5:203-210 '56.

UNITED STATES—SPORTS
Kuleshov, A., and M. Korney. [American sports in the service of reaction] Amerikanskii sport na sluzhbe reaktsii. Izd. 2-e, ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1954. 88 p.

UNITED STATES—STOCK AND STOCKBREEDING
Mechanization of stockbreeding abroad. L. P. Kramarenko. Mekh. sil'. hosp. 7 no. 10:28-29 O '56.

UNITED STATES—SUMMER
A gay summer. Amerika no. 3:36-38 '56.

UNITED STATES—TELEPHONE, AUTOMATIC
Tandem office in long distance telephone systems (from "The Bell System Technical Journal," no. 1, 1956). Elektrosviaz' 10 no. 12:71-74 D '56.

UNITED STATES—TELEVISION PLAYS
"Peter Pan" on television. Amerika no. 3:29-32 '56.

UNITED STATES—TRANSPORTATION
The present conditions of the transportation system of the U. S. A. T. S. Khachaturov. Zhel. dor. transp. 38 no. 11:76-81 N '56.

UNIVERSITIES AND COLLEGES—BUILDINGS
Brief news. Vest. vys. shkoly 14 no. 11:103-64 N '56.

UNLOADING see Loading and unloading

URACIL
Effect of pentoxyl on the course of radiation sickness in white mice. I. F. Grekh. Med. rad. 1 no. 5:51-55 S-O '56.

URAL MOUNTAIN REGION—AERONAUTICS IN FORESTRY
Smoke over the taiga. A. Grigor'ev. Ogonek 34 no. 40:11 N '56.

URAL MOUNTAIN REGION—AGRICULTURE
Agriculture in the region of the Votkinsk Hydroelectric Power Station. N. Masalkin. Sots. sel'khoz. 17 no. 7:38-42 '56.

URAL MOUNTAIN REGION—ALUMINUM—METALLURGY
Radioactive radiation used in the automatic control and regulation of pulp composition. S. I. Rempel', R. B. Popov. TSvet. met. 29 no. 10:47-54 O '56.

URAL MOUNTAIN REGION—ELECTRIC INSULATORS AND INSULATION
Use of clay from the Nizhne-Uvel'skoye deposits by insulator plants in the Urals. I. M. Verkhovskii. G. A. Muzylev, R. A. Rodin. Vest. elektroprom. 27 no. 5:25-29 My '56.

URAL MOUNTAIN REGION—FORGING
[Ural forge operators in the struggle for technical progress; a collection of articles] Ural'skie kuznetsy v bor'be za tekhnicheskii progress; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 197 p.

URAL MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC
Main stages in the development of tectonic structures of the Devonian period in the Volga-Ural region. V. A. Balaev. Biul. MOIP, Otd. geol. 31 no. 3:37-55 My-Je '56.

URAL MOUNTAIN REGION—GLACIAL EPOCH
New data on the glacial history of the Polar Ural region. O. V. Suzdal'skii. Inform. sbor. VSEGEI no. 1:33-36 '55.

URAL MOUNTAIN REGION—NICKEL—METALLURGY
Starting the operation of a KT-100 oxygen plant in the Southern Urals Nickel Combine. I. D. Reznik, B. P. Sherman, B. G. Sokin. TSvet. met. 29 no. 10:34-38 O '56.

URAL MOUNTAIN REGION—ORE DRESSING
Kachkanar ore dressing combine. L. N. TSymbalenko. Gor. zhur. no. 10:11-14 O '56.

URAL MOUNTAIN REGION—PINE
Airplane seeding of pine in the Urals. I. A. Chernyshev. Les. khoz. 9 no. 11:80-81 N '56.

URAL MOUNTAIN REGION—SERFDOM
Gorlovskii, M. A., and A. N. Platnitskii. [History of the workers' movement in the Urals; sketches of the plight of the serfs in the Central Urals and their struggle to abolish serfdom (1800-1870)] Iz istorii rabochego dvizheniia na Urale; ocherki o polozhenii krepostnykh rabochikh Srednego Urala i ikh bor'be za likvidatsiiu krepostnichestva (1800-1870 gg.). [Sverdlovsk] Sverdlovskoe kn-vo, 1954. 379 p.

URAL MOUNTAIN REGION—WATER, UNDERGROUND
Some general regularities of the chemical affinity of Paleozoic underground waters in the Volga-Ural oil-bearing province. V. A. Krotova. Trudy VNIGRI no. 95:243-253 '56.

URAL MOUNTAINS—GEOLOGY
On the northward extension of the Urals. V. I. Ustritskii. Dokl. AN SSSR 110 no. 3:437-439 S '56.

URAL MOUNTAINS—PYRITES
New data on the geology of the greenstone belt of the Urals and the pyrite mineralization related to it. E. A. Kuznetsov. Uch. zap. Mosk. un. no. 176:115-121 '56.

URAL MOUNTAINS—ROCKS, IGNEOUS
New data on the geology of the greenstone belt of the Urals and the pyrite mineralization related to it. E. A. Kuznetsov. Uch. zap. Mosk. un. no. 176:115-121 '56.

URAL VALLEY—ALKALI LANDS
Secondary salting of soil and the restoration of fertility in the upper-delta Ural Valley. D. K. Madenov. Vest. AN Kazakh. SSR 12 no. 8:44-52 Ag '56.

URAL VALLEY—HYDROLOGY
Hydrographic characteristics of the steppe zone of the Volga-Ural interfluve. V. A. Arel'eva. Trudy Inst. geog. no. 69:93-126 '56.

URAL VALLEY—PHYSICAL GEOGRAPHY
Main types and origin of shallow microrelief forms of the Volga-Ural interfluve. D. L. Mozeson. Trudy Inst. geog. no. 69:37-92 '56.
Origin of the relief of the Volga-Ural interfluve. A. G. Doskach. Trudy Inst. geog. no. 69:5-36 '56.

URANIUM
Angular distribution of uranium fission fragments following high-energy neutron bombardment. V. I. Ostroumov, N. A. Perfilov. Zhur. eksp. i teor. fiz. 31 no. 4:716-717 O '56.
Burkser, IE. S. [Where and how uranium is obtained] Z choho i iak dobuvaiut' uran. Kyiv, 1956. 23 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukraina'kol RSR. Ser. 5, no. 9)
Mean excitation energy of fissionable uranium nuclei in the process of absorption of slow $\pi^-$-mesons. N. S. Ivanova. Zhur. eksp. i teor. fiz. 31 no. 4:693-694 O '56.

URANIUM—ISOTOPES
Atomizing metals by fission fragments. F. S. Lapteva, B. V. Ershler. Atom. energ. no. 4:63-66 '56.
Correlation between the magnetic and quadrupole moments of $U^{233}$ and $U^{235}$ nuclei. N. I. Kalitseevskii, M. P. Chaika. Opt. i spektr. 1 no. 6:809-811 O '56.
Direct measurement of the energy dependent changes of $\eta$ values for $U^{233}$, $U^{235}$ and $Pu^{239}$. H. Palevsky and others. Atom. energ. no. 4:71-76 '56.

Electron spectrum of $U^{237}$. S. A. Baranov, K. F. Shilagin. Zhur. eksp. i teor. fiz. 30 no. 2:225-230 F '56.

URANIUM FLUORIDES
Behavior of uranium and some other materials in fluorating-agent media (from "Ind. Eng. Chem.," v48, no. 3, 1956). V. P. Atom. energ. no. 4:172 '56.

URANIUM ORES
Uranium minerals. V. I. Gerasimovskii. Atom. energ. no. 4:118-130 '56.

UREA
Conversion of nitrogen of various amino acids and ammonia to urea in the liver of mammals. I. V. Kliuffe. Biokhimiia 21 no. 5:516-527 S-O '56.
Effect of urea on the incorporation of inorganic phosphorus into regenerating tissue [with summary in English]. L. N. Zamenskii and others. Vop. med. khim. 2 no. 5:346-349 S-O '56.

URETERS
Clinico-anatomic reasons for a curved suprapubic extraperitoneal in calculi of the pelvic ureter. V. S. Karpenko. Urologiia 21 no. 1:21-26 Ja-Mr '56.

URETERS—ABNORMITIES AND DEFORMITIES
Ectopy of the ureter. E. G. Plail'. Urologiia no. 4:60-63 O-D '55.

URETHRA—RUPTURE
Primary tunelization of the urethra in rupture of its membraneous-prostatic segment. D. I. Daronskii. Urologiia 21 no. 2:53-54 Ap-Je '56.
Simplified method for the restoration of the urethra following ruptures. A. M. Aminev. Urologiia 21 no. 2:55-58 Ap-Je '56.

URETHRA—SURGERY
Restorative operations in urethral stenosis. N. I. Zakharov. Urologiia 21 no. 2:50-53 Ap-Je '56.
"Urethroscopy and endo-urethral operations" by A. I. Vasil'ev. Reviewed by N. F. Gorkun. Urologiia 21 no. 2:86-87 Ap-Je '56.

URINARY ORGANS—CALCULI see Calculi, Urinary

URINARY ORGANS—DISEASES
Protein decomposition products in the gastric juice in some urological diseases. M. G. Solovei. Urologiia 21 no. 1:29-35 Ja-Mr '56.
Synthomycin in nonspecific inflammatory processes of the urinary tract. V. M. Vertepova, M. N. Shishelina, E. S. Leplia. Urologiia 21 no. 1:35-41 Ja-Mr '56.

URINE—ANALYSIS AND PATHOLOGY
Role of urinalysis in clinical medicine. N. M. Lebedeva. Med. sestra 15 no. 10:23-26 O '56.

URINE—INCONTINENCE
Tissue therapy in nocturnal urinary incontinence. E. A. Kobyl'chak. Urologiia no. 4:47-49 O-D '55.

URINE—RETENTION
"Reflex anuria" by R. K. Uglov. Reviewed by G. P. Teplits-kii. Urologiia 21 no. 1:86-87 Ja-Mr '56.

URINE—SECRETION
Cortical regulation of micturition in man. P. M. Starkov, V. M. Pokrovskii. Fiziol. zhur. 42 no. 10:887-892 O '56.
Significance of neural influences from the upper section of the gastrointestinal tract in the mechanism of water micturition. E. B. Berkhin. Biul. eksp. biol. i med. 42 no. 10:7-10 O '56.

URINE—SUPPRESSION
Experience in treating some forms of anuria and oliguria with carbocholine; preliminary report. R. V. Arsen'ev. Urologiia 21 no. 1:44-48 Ja-Mr '56.

UROLOGY
(see also subdivision under Czechoslovakia; Leningrad Province; Moscow Province; Yugoslavia)
Calling of a third all-Union conference of urologists. Urologiia 21 no. 2:99 Ap-Je '56.

UROLOGY—HISTORY
(see also subdivision under Poland)
The role of S. P. Fedotov in the development of urology in Russia; on the 20th anniversary of his death. A. M. Gasparian, V. N. Tkachuk. Urologiia 21 no. 3:3-7 Jl-S '56.

URUGUAY—DESCRIPTION AND TRAVEL
An Indian in South America; Brazil and Uruguay. Vsemir. stud. nov. 10 no. 9/10:26 S-O '56.

USATOV, STEPAN PETROVICH
Fifty years of work in northern orchards. P. A. Stepanov. Sad i og. no. 10:60 O '56.

USPENSKII, ALEKSEI ALEKSEEVICH, 1876-1955
Aleksei Alekseevich Uspenskii; obituary. Ortop., travm. i protez. no. 6:95 S-O '55.

UST-URT—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Paleogene deposits in the northwestern and northern escarpments of Ust-Urt. S. S. Razmyslova. Trudy VNIGRI no. 95:112-128 '56.

USTINOVSKII, ALEKSANDR VITALIEVICH, 1881-1956
In memory of A. V. Ustinovskii. Vest. ven. i derm. 30 no. 5:63 S-O '56.

UTERUS—INNERVATION
Production of differentiated inhibition from the horns of the uterus in dog. V. L. Blankt. Fiziol. zhur. 42 no. 10:907-912 O '56.

UVAROV, VASILII NIKANOROVICH
Miner Vasilii Uvarov. Mast. ugl. 5 no. 10:30 O '56.

UZBEK ART see Art, Uzbek

UZBEK DRAMA—HISTORY AND CRITICISM
Drama problems. G. Mar'ianovskii. Zvezda Vost. 24 no. 9:81-16- S '56.

UZBEK LITERATURE—HISTORY AND CRITICISM
Notes on the book "People and years." E. Babaev. Zvezda Vost. 24 no. 9:110-115 S '56.

UZBEK LITERATURE—PERIODICALS
In the "Shark Iulduzi" magazine. Zvezda Vost. 24 no. 9:127-128 S '56.

UZBEK POETRY—HISTORY AND CRITICISM
Uzbek variants of the epic "Alpamysh." M. Afzalov. Zvezda Vost. 24 no. 9:105-109 S '56.

UZBEKISTAN—AGRICULTURE
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Uzbek S. S. R." pavilion; a guidebook] Pavil'on "Uzbekskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p.

UZBEKISTAN—AGRICULTURE—STUDY AND TEACHING
Agricultural and zootechnical training of collective farmers. A. Suetenko. Khlopkovodstvo 6 no. 11:0-11 N '56.

UZBEKISTAN—APLITES
Relationship of aplites, pegmatites, and other vein minerals in intrusives of western Uzbekistan. I. Kh. Khamrabaev. Zap. Uz. otd. Vses. min. ob-va no. 6:17-32 '54.

UZBEKISTAN—COAL GEOLOGY
Stratigraphy of Mesozoic coal beds in western Uzbekistan. I. S. Suleimanov. Dokl. AN SSSR 110 no. 3:434-436 S '56.

UZBEKISTAN—COAL MINERS
Following family traditions. Mast. ugl. 5 no. 10:29 O '56.

UZBEKISTAN—COTTON—HARVESTING
Cotton is our riches. Sots. Uz. 15 no. 11:0 N '56.

UZBEKISTAN—COTTON GROWING
Akademiia nauk Uzbekskoi SSR, Tashkent. Institut ekonomiki. [Prospective plan for the development of a collective cotton farm; the Stalin collective farm of the Buvaidy District, Fergana Province] Perspektivnyi plan razvitiia khlopkosiushchego kolkhoza; kolkhoz imeni Stalina Buvaidinskogo raiona Ferganskoi oblasti. Tashkent, 1956. 125 p.
Filipponko, G.I. [The "Oktiabr" Collective Cotton Farm] Khlopkovodcheskii kolkhoz "Oktiabr'." [Tashkent] Ministerstvo sel'skogo khoziaistva UzSSR, 1955. (DA)

UZBEKISTAN—ECONOMIC CONDITIONS
Under the banner of October. Sots. Uz. 15 no. 11:3 N '56.

UZBEKISTAN—IRRIGATION
Gil'diev, S. A. [Experience of the Stalin Collective Farm in adopting a new system of irrigation] Opyt kolkhoza imeni Stalina po perekhodu na novuiu sistemu orosheniia. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1954. 22 p. (DA)

UZBEKISTAN—OIL INDUSTRIES
Some problems of labor productivity in the oil industry of the Uzbek S. S. R. N. A. Galushkina. Masl.-zhir. prom. 22 no. 7:4-8 '56.

UZBEKISTAN—PEGMATITES
Relationship of aplites, pegmatites, and other vein minerals in intrusives of western Uzbekistan. I. Kh. Khamrabaev. Zap. Uz. otd. Vses. min. ob-va. no. 6:17-32 '54.

UZBEKISTAN—PHYSICS—RESEARCH
Tenth anniversary of the Institute of Physics and Technology. S. U. Umarov. Trudy FTI AN Uz. SSR 6:3-19 '55.

UZBEKISTAN—PIGEONS
Materials on the ecology and agricultural importance of the representatives of the pigeon order (Columbae) in the Uzbek S. S. R. R. N. Meklenburtsev. Trudy SAGU no. 13:3-24 '50.

UZBEKISTAN—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Our doors are open to anyone. Sots. Uz. 15 no. 10:15 O '56.

UZBEKISTAN—RELATIONS (GENERAL) WITH INDONESIA
Visit of friendship. Sots. Uz. 15 no. 10:7 O '56.

UZBEKISTAN—RICE
Shchupakovskii, V. F. [Cultivation of rice in the Uzbek S. S. R.] Agrotekhnika risa v Uzbekistane. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1954. 69 p. (Trekhletnie agrozootekhnicheskie kursy. 2 g. obuchenila) (DA)

UZBEKISTAN—RUSSIAN LANGUAGE—STUDY AND TEACHING
Aid for national minority students. O. S. Usov. Vest. vys. shkoly 14 no. 11:20-22 N '56.

UZBEKISTAN—SCARLET FEVER—PREVENTIVE INOCULATION
Studying the immunological reactivity of children toward a refined and precipitated scarlet fever toxin. S. R. Gil'din, M. I. Pyzhova. Vop. kraev. pat. no. 4:57-66 '54.

UZBEKISTAN—STOCK AND STOCKBREEDING
Is this the right way of popularizing animal husbandry? ("Socialist agriculture of Uzbekistan." Reviewed by E. T. Matorova) Zhivotnovodstvo 18 no. 11:89-91 N '56.

UZBEKISTAN—STREPTOCOCCUS PYOGENES
Carrying of type A hemolytic Streptococcus among children in rural districts in Uzbekistan. M. Mirismailov. Vop. kraev. pat. no. 4:67-70 '54.

UZBEKISTAN—TOMATOES—VARIETIES
New varieties of tomatoes in Uzbekistan. F. S. Pimakhov. Sad i og. no. 10:11-13 O '56.

UZBEKISTAN—VEGETABLE GARDENING
Balashev, N. N. [The achievements of science and progressive practice in Uzbek vegetable growing] Dostizheniia nauki i peredovogo opyta v ovoshchevodstve Uzbekistana. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 61 p. (DA)

UZHUR—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Disregarding public opinion. R. Nenartovich. Part. zhizn' no. 19:61-62 O '56.

UZHVII, N. M.
N. M. Uzhvii as Moskaleva. Teatr. 17 no. 10:144 O '56.

VACCINES
Effectivness of bacterial vaccine in the treatment of children affected by chronic dysentery. M. L. Kuz'minova, E. I. Kvasnikov, L. V. Semenova. Vop. kraev. pat. no. 4:13-17 '54.

VACUUM
Pazukhin, V. A., and A. IA. Fisher. [Vacuum in metallurgy] Vakuum v metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 520 p.

VACUUM APPARATUS
Elimination of shortcomings in the construction of vacuum apparatus for melting the cheese mass. A. Opol'skii. Moloch. prom. 17 no. 7:19-20 '56.
Improvements in the determination of gases in metals by the method of vacuum melting. A. G. Atlasov. Zav. lab. 22 no. 7:795-801 '56.
Simple vacuum apparatus for sterile drying of various laboratory preparations. T. I. Golubev. Lab. delo 2 no. 6:24-25 N-D '56.

VACUUM GAUGES
More accurate recording vacuum gauge. A. V. Mel'nikov Elek. sta. 27 no. 10:54 O '56.

VACUUM TUBES see Electron tubes

VAGINA—ABNORMITIES AND DEFORMITIES
Unusual case of combined abnormalities; ectopy of the bladder & small intestine, horseshoe kidney, vaginal atresia, giant Meckel's diverticulum. M. I. Bialyi. Urologiia no. 4:55-57 O-D '55.

VAGINA—DISEASES
Treatment of trichomonal colpitis in cattle. N. P. Podgorodetskii, L. I. Sadovskaia. Shor. trud. Khar'. vet. inst. 22:327-331 '54.

VAGUS NERVE
Humoral transmission of the periodical influence of the vagus nerve upon the heart. Kh. S. Koshtoiants, M. A. Poskonova. Dokl. AN SSSR 110 no. 3:381-382 S '56.

VALENCE (THEORETICAL CHEMISTRY)
Directed valencies in molecules with ordinary covalent bonds. A. G. Lesnik. Nauk. zap. Kiev. un. 9 no. 2:79-89 '50.
On the mechanism of the trans-effect. S. S. Batsanov. Dokl. AN SSSR 110 no. 3:390-392 S '56.

VALVES
Securing valve seat rings with dovetails. A. Dmitriev. MTS 16 no. 10:32-33 O '56.

VAPOR CONDENSERS see Condensers (Vapors and gases)

VAPORIZATION, HEAT OF see Heat of vaporization

VARENOVA, ALLA
Photos from Alla Varenova's life. V. Penemarev. Ogonek 34 no. 45:17 N '56.

VARGAS, AL'FONS RAMANOVICH, 1816-1902
A. R. Vargas, a Russian forester. A. I. Pisarenko. Les. khoz. 9 no. 11:84-85 N '56.

VARIABLE STARS see Stars, Variable

VARIATION (BIOLOGY)
Certain features of the controlled variability of microorganisms. K. V. Kosikov. Izv. AN SSSR. Ser. biol. no. 5:23-31 S-O '56.
Effect of external environment on the development of iodophil clostridia from butyric-acid and other closely related bacteria. N. Mikhnova'ka. Stud. nauk. pratsi no. 20:163-168 '56.

VASIL'EV, ALEKSANDR IL'ICH, 1877-1956
In memory of Aleksandr Il'ich Vasil'ev. Urologiia 21 no. 3:95-96 J1-S '56.

VASIL'EV, ALEKSEI MIKHAILOVICH, 1882-1956
Alekseі Mikhailovich Vasil'ev. A. P. Vinogradov and others. Zav. lab. 22 no. 7:887-888 '56.

VATUTINO—WORKINGMEN'S CLUBS
Palace of miners. Sots. kul't. 0 no. 10:24-25 O '56.

VECTOR ANALYSIS
Special cases of resolution of sliding vectors into components. G. K. Fedorov. Trudy Khab. IIT no. 9:174-181 '56.

VEGETABLE GARDENING
(see also subdivision under Bulgaria; Netherlands; Uzbekistan)
Agrophysiological characteristics of vegetable crops. P. A. Vlasiuk, N. M. Shkvaruk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:300-310 '51.
Aleksandrov, S.V., and others. [Vegetable gardening] Ovoshchevodstvo. Pod red. D.D.Brezhneva. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 472 p. (DA)
Balashev, N.N., and N.A.Bezrodnov, eds. [Organization of vegetable gardening on collective farms] Organizatsiia ovoshchevodstva v kolkhozakh. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1955. 247 p. (DA)
Basin, M.Z., and A.IA.Gutsevich. [Vegetable gardening manual] Spravochnik po ogorodnichestvu. Izd. 8-e, dop. [Moskva] Profizdat, 1956. 230 p. (DA)
Calendar for vegetable growers, fruit growers, and viticulturists. Sad i og. no. 10:78 O '56.
Conference on exchanging experience in getting high vegetable yields. Nauka i pered. op. v sel'khoz. no. 10:23 O '56.
Continue growing local vegetable and vine crops. I. IA. Pas'ko, V. P. Maklakov. Sad i og. no. 10:13-15 O '56.
"Cultivation of vegetable plants under fluorescent lamps" by V. M. Leman; "Utilization of electric light for the cultivation of early vegetables" by V. P. Goncharov. Reviewed by G. V. Artem'ev. Fiziol. rast. 3 no. 5: 490-492 S-O '56.
Economic gains from vegetable growing. K. M. Ral'chik. Kolkh. Bel. 4 no. 8:23 Ag '56.
Effect of fertilizers applied during the growth on the yield and biochemical characteristics of vegetable crops. V. P. Popov, V. I. Kolesnik, S. I. Derevianko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:155-171 '51.
Innovators. Nauka i pered. op. v sel'khoz. no. 10:26 O '56.
Karlanov, N. A. [Furrow-terrace methods of growing vegetables] Borozdkovo-terrasnyi sposob vyrashchivaniia ovoshchei. Rostov-na-Donu, Rostovskoe kn-vo, 1955. 19 p. (DA)
Markov, V.M., and M.A.Borushko. [Laboratory manual for vegetable growing] Rukovodstvo k laboratornym zaniatiiam po ovoshchevodstvu. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 223 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
[Progressive methods of growing potatoes and vegetables; a collection of articles] Peredovye priemy vyrashchivaniia kartofelia i ovoshchei; sbornik statei. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 118 p. (Peredovoi opyt v sel'skom khoziaistve) (DA)
We grow vegetables all year long. F. S. Bragin, R. I. Kholodova, L. S. Paikin. Sovkhoz. proizv. no. 10:30-35 O '56.
What has insured the rich harvests? F. V. Udanov. Kolkh. Bel. 4 no. 8:24-25 Ag '56.

VEGETABLE GARDENING—CONGRESSES
Conference on vegetable growing. Z. I. Zhurbitskii. Ud. i ur. 1 no. 11:60-61 N '56.

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLE KINGDOM see Botany

VEGETABLES

Achievements in vegetable breeding. B. V. Kvasnikov. Mich. uch. na sluzh. nar. no. 3:110-114 '55.

Methods in vegetable breeding and seed production. E. I. Ushakova. Sad i og. no. 10:6-11 O '56.

Organic matter discharge in the air by vegetable plants. P. A. Vlasiuk, M. M. Shvaruk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:230-232 '48.

[The potato and vegetables.] Kartofel' i ovoshchi no. 12 D '56.

[The potato and vegetables.] Kartofel' i ovoshchi no. 1 Ja '57.

VEGETABLES—MARKETING

TSerevitino, F. V. [Chemistry and the marketing of fresh fruits and vegetables] Khimiia i tovarovedenie svezhikh plodov i ovoshchei. Izd, 3-e, perer. i dop. Moskva, Gostorgizdat, 1949. 1 v. (NIC)

VELIKIYE LUKI—THEATER

Power of the group. E. Khodunova. Ogonek 34 no. 49:21 D '56.

VELOCITY OF LIGHT see Light—Speed

VEL'VIL'-CHAY VALLEY—LANDSLIDES

Landslides in the Vel'vil'-chay Valley [in Azerbaijan] with summary in Russian]. Sh. B. Kerimov. Uch. zap. AGU no. 4:51-59 '55.

VENDING MACHINES

Automatic machines for selling writing pens. Sov. torg. no. 11:41 N '56.

VENEREAL DISEASES

"Soviet medical abstracts. Skin and venereal diseases." Reviewed by N. A. Torsuev. Vest. ven. i derm. 30 no. 5:55-56 S-O '56.

VENEREOLOGY

Brief report on the work of the Leningrad Ternovskii Scientific Society of Dermatologists and Venereologists in 1955. O. N. Podvysotskaia, L. A. Shteinlukht. Vest. ven. i derm. 30 no. 5:59-61 S-O '56.

Brief report on the work of the Moscow Dermatological and Venereological Society in 1955. V. A. Rakhmanov, L. A. Neradov. Vest. ven. i derm. 30 no. 5:57-59 S-O '56.

Eleventh conference of dermatologists and venereologists of the Lithuanian S. S. R. Vest. ven. i derm. 30 no. 5: 62-63 S-O '56.

Impressions from a trip to the International Conference on Venereal Diseases in Washington. P. V. Kozhevnikov, B. M. Pashkov, N. S. Smolov. Vest. ven. i derm. 30 no. 5:26-37 S-O '56.

VENOM

Medicinal use of honey and bee sting poison. Pchelovodstvo 33 no. 12:41-44 D '56.

VENTILATION

How aeration affects the microflora of grain. N. P. Mikhalovskii, O. P. Pod"iapol'skaia. Trudy VNIIZ no. 30:50-78 '55.

Resistance of bulk grain to ventilation used for controlling grain microflora. K. V. Drogalin. Trudy VNIIZ no. 30:124-165 '55.

Using mechanical ventilation for cooling grain after drying. I. Kleev. Muk.-elev. prom. 22 no. 10:0-8 O '56.

VEPRITSKAIA, LIUDMILA VASIL'EVNA

Your new play. Teatr 17 no. 11:172 N '56.

VERKHNE-TEPLOVSKII DISTRICT—FROZEN GROUND

Eternal congelation in the South. Ogonek 34 no. 40:32 D '56.

VERKHOLENSK—CRANIOLOGY

Anthropological material from the Verkholensk tomb. M. G. Levin. Trudy Inst. etn. 33:299-339 '56.

VERMIFUGES see Anthelmintics

VERNALIZATION

Biochemical changes in wheat seeds during yarovization. Shoichiro Uzami. Izv. AN SSSR, Ser. biol. no. 5:97-98 S-O '56.

Effect of vernalization and planting time on the susceptibility of wart-resistant potato varieties to phytophthora and another diseases. A. A. Sapogova. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:231-239 '56.

Yarovization temperature and colloidal properties of winter wheat. G. V. Porutskii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:197-207 '51.

VERTEBRAE—TUMORS

Development of an osteoma of a transverse process of a vertebra in tuberculous spondylitis. N. I. Fllimonov. Ortop., travm. i protez. 17 no. 4:68-69 Jl-Ag '56.

VERTEBRATES, FOSSIL

Kolymaspis sibirica g. n., s. n., a new representative of lower Devonian Agnatha. A. P. Bystrov. Vest. Len. un. 11 no. 10:5-13 '56.

Visiting French paleontologists. IU. A. Orlov. Izv. AN SSSR. Ser. biol. no. 5:110-115 S-O '56.

VETCH

Expand vetch growing for seed in mixtures with phacelia. P. V. Vasil'ev. Pchelovodstvo 33 no. 11:31-32 N '56.

Nitrogen-fixing activity of nodule bacteria during various developmental stages of pea and vetch plants. M. V. Fedorov, D. Lasio. Izv. TSKhA no. 2:61-82 '56.

VETERANS, DISABLED see Disabled veterans

VETERINARY ANATOMY

Projection method in topographical anatomy. M. V. Plakhotin. Sbor. trud. Khar'. vet. inst. 22:381-391 '54.

VETERINARY COLLEGES see subdivision under Kharkov

VETERINARY HOSPITALS see subdivision under Bryansk Province

VETERINARY HYGIENE

Burkser, G. V. [Veterinary hygiene and veterinary preventive medicine for cattle] Zoogigiena i veterinarnaia profilaktika krupnogo rogatogo skota. Frunze, Kirgizskoe gos. izd-vo, 1954. 40 p. (DA)

Effective measures for saving young stock. A. A. Kudriavtsev, V. A. Alikaev, A. V. Kuz'michev. Nauka i pered. op. v sel'khoz. no. 10:2-3 O '56.

Disinfection in foci of paratyphoid fever infections. A. D. Krinochkin. Veterinariia 33 no. 12:66-69 D '56.

Important tasks of veterinary specialists during the winter. Veterinariia 33 no. 12:3-7 D '56.

VETERINARY INSTRUMENTS AND APPARATUS

Improving catheter-type syringes for artificial insemination. V. B. Doroshkov. Sots. tvar. 28 no. 11:60 N '56.

Stand for experimental animals. M. A. Gol'dshtein. Lab. delo 2 no. 6:23-24 N-D '56.

Stand for restraining large laboratory animals during long experiments. N. F. Koshelev. Lab. delo 2 no. 6:21-23 N-D '56.

VETERINARY LABORATORIES see subdivision under Taldy-Kurgan Province

VETERINARY MATERIA MEDICA AND PHARMACY

"Veterinary pharmacology" by G. A. Poliuta, S. V. Bazhenov. Sbor. trud. Khar'. vet. inst. 22:61-67 '54.

VETERINARY MEDICINE

Antibiotics in stock raising. N. A. Krasil'nikov. Nauka i pered. op. v sel'khoz. no. 10:11-12 O '56.

Burkser, G. V. [Veterinary hygiene and veterinary preventive medicine for cattle] Zoogigiena i veterinarnaia profilaktika krupnogo rogatogo skota. Frunze, Kirgizskoe gos. izd-vo, 1954. 40 p. (DA)

Guiding principles in present-day veterinary therapy. S. I. Smirnov. Sbor. trud. Khar'. vet. inst. 22:356-363 '54.

In the Ministry of Agriculture of the U. S. S. R. Veterinariia 33 no. 12:78-81 D '56.

In the scientific and technical council of the Ministry of Agriculture of the U. S. S. R. Veterinariia 33 no. 12: 81-83 D '56.

In the Soviet Union. Veterinariia 33 no. 12:83-84 D '56.

In vivo examination of bone marrow in domestic animals and the scientific and practical significance of this method. S. I. Smirnov. Sbor. trud. Khar'. vet. inst. 22:364-372 '54.

Introducing drugs directly into the abomasum in cattle. V. V. Lavrova. Veterinariia 33 no. 12:46-48 D '56.

On the problems raised in L. I. Ryzhenkov's article. Veterinariia 33 no. 12:14-18 D '56.

Prevent diseases in farm animals during the winter season. H. F. Bondarenko. Sots. tvar. 28 no. 11:51-52 N '56.

Prevent stomach diseases in animals. I. I. Kazanskii. Nauka i pered. op. v sel'khoz. no. 10:4-5 O '56.

Studying the biological peculiarities of the causative agent of echinococcosis in domestic animals. A. F. Nosik. Sbor. trud. Khar'. vet. inst. 22:288 '54.

Tansy for treating parascariasis in foals and ascariasis in dogs. E. N. Karamysheva. Veterinariia 33 no. 12: 20-30 D '56.

Treatment of trichomonal colpitis in cattle. N. P. Podgorodetskii, L. I. Sadovskaia. Sbor. trud. Khar'. vet. inst. 22:327-331 '54.

Twenty years' work of the Department of Surgery in the field of blood transfusion in animals. V. A. German. Sbor. trud. Khar'. vet. inst. 21:408-412 '56.

Useful booklet ("Rabies in farm animals." M. H. Nikitin. Reviewed by V. IE. Havryliuk). Sots. tvar. 28 no. 11: 61-62 N '56.

Using campolon in the treatment of anemia in domestic animals. S. I. Smirnov. Veterinariia 33 no. 12:39-41 D '56.

VETERINARY MEDICINE—HISTORY

The role of Kharkov Veterinary Institute in the development of clinical veterinary medicine. I. I. Magda. Sbor. trud. Khar'. vet. inst. 22:39-49 '54.

VETERINARY PATHOLOGY

The role of Pavlov's teachings in veterinary pathology. A. I. Malinin. Sbor. trud. Khar'. vet. inst. 22:76-86 '54.

VETERINARY PHYSIOLOGY

Higher nervous activity in domestic animals. Kh. T. Arskii. Sbor. trud. Khar'. vet. inst. 22:68-77 '54.

VETERINARY RESEARCH

Use of irradiated animals in laboratory practice. R. V. Petrov. Lab. delo 2 no. 6:14-17 N-D '56.

VETERINARY SURGERY

Conduction anesthesia of the tongue in cattle. N. G. Sazhin. Veterinariia 33 no. 12:39-41 D '56.

Local anesthesia in surgical operations on the peritoneum and the external generative organs in dogs. I. A. Kalashnik. Sbor. trud. Khar'. vet. inst. 21:466-470 '56.

Lumbar epidural anesthesia in cattle. V. M. Voskoboinikov. Sbor. trud. Khar'. vet. inst. 22:399-407 '54.

Mass use of pentothal anesthesia in swine. I. F. Popov. Sbor. trud. Khar'. vet. inst. 22:392-398 '54.

New method of rumenotomy. I. I. Magda, N. E. Shalduga, V. M. Voskoboinikov. Sbor. trud. Khar'. vet. inst. 21: 425-431 '56.

Surgical treatment of umbilical hernias in swine and dogs. I. A. Kalashnik, N. E. Shalduga. Sbor. trud. Khar'. vet. inst. 21:471-474 '56.

Use of tissue therapy in veterinary surgery. V. A. German, I. A. Kalashnik. Sbor. trud. Khar'. vet. inst. 22: 373-380 '54.

VIALA, PIERRE

Notes of an actor. Pierre Viala. V zashch. mira no. 65:19-27 O '56.

VIBRATION

Determining the frequency of free vibrations of complex structures by breaking the structures into series of units with equal frequencies. G. V. Voromtsov. Nauch. trudy NPI 26:132-147 '55.

Leiderman, IU. R. [Rigidity and vibration of frame structures] Ustoichivost' i kolebaniia ramnykh konstruktsii. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR, 1955. 210 p.

On the possibility of increasing the stability of elastic systems by means of vibrations. V. N. Chelomei. Dokl. AN SSSR 110 no. 3:345-347 S '56.

VIBRATION—MEASUREMENT

Iorish, IU. I. [Vibration measurement; general theory, methods and instruments] Izmerenie vibratsii; obshchaia teoriia, metody i pribory. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 403 p.

Mechanical time marker in the VR-1 (016) manual vibrograph. G. K. Survillo. Energetik 4 no. 11:26-27 N '56.

VIBRATION (MARINE ENGINEERING)

Determining frequencies of a ship's own vibration. A. I. Segal'. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:26-36 '54.

VIBRATORS

Electromagnetic vibrators for concrete placers. N. A. Komissarchik. Stroi. i dor. machinostr. no. 11:23-25 N '56.

Vibrating equipment for transporting concrete mixtures. IA. Besser. Stroitel' 2 no. 2:14 F '56.

VIENNA—POWER ENGINEERING—CONGRESSES

Fifth International Power Conference. IU. L. Ryzhnev. Prom. energ. 11 no. 11:35-36 N '56.

VIENNA—THEATER

Facts and commentary. Teatr. 17 no. 10:168 O '56.

VIETNAM

Ch'u Fang-sai goes into battle. Wojciech Żukrowski. Sov. voin 36 no. 16:27-28 Ag '56.

VIETNAM, NORTH—DESCRIPTION AND TRAVEL

Vietnam today. Max Oldroyd. V zashch. mira no. 65: 11-18 O '56.

VIETNAM, NORTH—ECONOMIC CONDITIONS

Economic achievements of North Vietnam. Mezhdunar. zhizn' no. 10:121 O '56.

VIETNAM, NORTH—RELATIONS (GENERAL) WITH NORTH KOREA

Eleventh anniversary of the proclamation of the Vietnam People's Republic. Inform. biul. Dep. kul't. sv. s zagr. Min. kul't. i prop. KNDR 4 no. 36:4 S '56.

VIETNAMESE STUDIES—PERIODICALS

Review of the periodical "Tap san nghien cu'u van su dia." (Democratic Republic of Vietnam) [Journal on the study of literature, history and geography]. Reviewed by M. A. Choshkov. Sov. vostokoved. no. 5:143-149 '56.

VIL'IAMS, VASILII ROBERTOVICH, 1863-1939

Academician V. R. Vil'iams and his teaching. P. A. Vlasiuk. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:20-66 '51.

VILLAGES

General improvement of settlements for peat workers. Torf. prom. 33 no. 7:38 '56.

VILNIUS—BUILDING
Vilnius. P. Baburyshev, A. Kuznetsov. Stroitel' 3 no. 6: 6-7 Ag '57.

VILNIUS—CHEMISTRY—HISTORY
Andrei Sniadetskii and the Vilnius school of chemists. A. F. Kapustinskii. Trudy Inst. ist. est. i tekh. 12:23-30 '56.

VINE CROPS
Achievements of vine crop growers participating in the All Union Agricultural Exhibition. V. F. Beilik. Sel'khoz. Povol. no. 10:43-45 O '56.
Continue growing local vegetable and vine crops. I. IA. Pan'ko, V. P. Maidov. Sad i og. no. 10:13-15 O '56.

VINNIKOV, NIKOLAI GEORGEVICH
Your new play? Teatr. 17 no. 10:170-171 O '56.

VINNITSA PROVINCE—MACHINE-TRACTOR STATIONS
Put in order the distribution and supply of spare parts. O. S. Ishchuk. Mekh. sil'. hosp. 7 no. 11:3 of cover N '56.

VIRCHOW, RUDOLF LUDWIG KARL, 1821-1902
The 100th anniversary of Rudolf Virchow's cellular pathology. I. V. Davydovskii. Arkh. pat. 18 no. 5:3-49 '56.

VIRTERA—ABNORMITIES AND DEFORMITIES
Unusual cases of combined abnormalities; ectopy of the bladder & small intestine, horseshoe kidney, vaginal atresia, giant Meckel's diverticulum. M. I. Bialyi. Urologiia no. 4:55-57 O-D '55.

VISCOSE RAYON see Rayon

VISCOSIMETER
Magnetic viscosimeter-dilatometer. A. V. Rzhanov, O. G. Tarakanov, L. I. Khartin. Zav. lab. 22 no. 9:1111-1112 '56.
Meter for recording torsional and oscillatory movements of a viscosimeter pendulum. Iu. D. Chistiakov, I. V. Kolobkov, Iu. A. Primakov. Zav. lab. 22 no. 7:876-877 '56.

VISCOSITY
Comparison of calculated and experimentally found values for the viscosity of gas-free oils. V. M. Fokeev. Trudy VNII no. 8:335-345 '56.
Some methods for determining the viscosity of petroleum oil sands. V. N. Manoma. Trudy VNII no. 6:361-368 '56.
Viscosity of certain binary systems with nicotine. V. V. Ushverenko, S. F. Babak. Trudy SAGU no. 40 H 16 '53.
Viscosity of liquid mixtures. M. I. Vannovich. Izv. AN Kazakh. SSR. Ser. khim. no. 10:30-39 '56.

VISHNEVSKII, VIKENTII KARLOVICH, 1781-1855
Vikentii Karlovich Vishnevskii. Iu. G. Perel'. Ist.-astron. issl. no. 1:331-348 '55.

VISHNEVSKII, VSEVOLOD VITAL'EVICH, 1900-1951
At work on the "Optimistic tragedy." Vsevolod Vishnevskii. Oktiabr' 33 no. 11:168-172 N '56.

VISION see Color sense; Eye; Sight

VISUAL EDUCATION
V. I. Vodovozov on the principle of visual education. E. Privalova. Nar. obr. no. 10:41-44 O '56.

VITAMINS
Concentrated feed rich in vitamins and proteins. P. T. Lisichev. Nauka i pered. op. v sel'khoz. no. 10:10 O '56.
Importance of antibiotics, sulfa drugs and vitamins in preserving semen. I. I. Sokolovskaia and others. Izv. TSKhA no. 3:103-214 56.
Our additions ("Exemplary instructions for increasing the milk production of cows." Reviewed by M. I. Ivanskoi, V. G. Kulinich). Zhivotnovodstvo 18 no. 11:92-93 N '56.
Role of vitamins A, D, $D_1$, $D_2$, and $D_{12}$ in stockbreeding. A. I. Solntsev. Izv. TSKhA no. 2:187-192 '56.
Using indicator cultures to study the secretion of vitamins from flower organs [with English summary in insert]. N. T. Khakhidze, O. A. Medvedeva. Fiziol. rast. 3 no. 5: 435-439 S-O '56.
Vitamin requirements of plants. K. E. Ovcharov. Est. v shkole no. 6:19-20 N-D '56.

VITAMINS—A
Prevention and treatment of vitamin A deficiency in pregnant ewes and lambs. T. V. Gorb. Sbor. trud. Khar'. vet. inst. 22:337-344 '54.
Vitamin A content of the tissues and organs of sheep and goats as related to certain factors. N. S. Nakonechnyi. Sbor. trud. Khar'. vet. inst. 22:332-336 '54.

VITAMINS—D
Effect of vitamin $D_{12}$ on the development of swine. E. Krank. Zhivotnovodstvo 18 no. 11:73-74 N '56.
Lentskii, K. M. [Vitamins; studies on the characteristics of $D_2$ complex vitamins] Vitaminy; ocherki svoistv vitaminov kompleksa $D_2$. [L'vov] Izd. L'vovskogo gos. univ., 1949. 200 p.

VITAMINS—$D_1$ see Tiamine

VITAMINS—$D_5$ see Nicotinic acid

VITAMINS—$D_c$ see Folic acid

VITAMINS—$D_H$ see Nicotinic acid

VITAMINS—C see Ascorbic acid

VITAMINS—D
Mineral contents of the blood in tuberculosis of the eye treated by vitamin $D_2$ and streptomycin. E. I. Gnapareva. Vest. oft. 68 no. 5:30 S-O '56.

VITAMINS—H see Biotin

VITAMINS—M see Folic acid

VITEBSK—SILK MANUFACTURE
Vitebsk silk factory. G. Bosak. Rab. i stat. 33 no. 12: 11 D '56.

VITICULTURE
(see also subdivision under Chile; Dniester Valley; Kolovskoye District; Turkmenistan; Ukraine)
Accelerated training of grape vines. L. N. Makarov-Kozhukhov. Sad i og. no. 10:73-74 O '56.
Calendar for vegetable growers, fruit growers, and viticulturists. Sad i og. no. 10:78 O '56.
Checkrow planting in vineyards of the "Kolosovo" State Farm. A. V. Kalenik. Sad. vin. Mold. 11 no. 5:56-57 S-O '56.
Develop fruit culture and viticulture in every possible way. Sad. vin. Mold. 11 no. 5:1-2 S-O '56.
Fruit culture and viticulture in the area served by the Dorlesitsk Machine-Tractor Station. G. O. Gabotok, A. S. Gapshpun. Sad. vin. Mold. 11 no. 5:4-8 S-O '56.
Possibilities for producing more grafted grape vines. P. A. Supruneako. Sad. vin. Mold. 11 no. 5:8-10 S-O '56.
Scientific conference of representatives of higher institutions. Sad. vin. Mold. 11 no. 5:63-64 S-O '56.
Training graft-stock. S. A. Mel'nik. Sad. vin. Mold. 11 no. 5:30-43 S-O '56.

VITKOVSKII, VASILII VASIL'EVICH, 1856-1924
A. M. Zhdanov's letters to V. V. Vitkovskii (1884-1892); comments by Iu. G. Perel'. Ist.-astron. issl. no. 1:343-358 '55.
V. V. Vitkovskii; on the centennial of his birth. F. A. Shibanov. Vest. Len. un. 11 no. 18:130-142 '56.

VITREOUS HUMOR
Use of the vitreous body in opacification of the cornea. H. N. Melik-Musian. Vest. oft. 39 no. 5:10-13 S-O '56.

VITREOUS STATE
Relaxation theory of vitrification. Part 1. Solution and analysis of the fundamental equation. M. V. Vol'kenshtein, O. B. Ptitsyn. Zhur. tekh. fiz. 26 no. 10: 2304-2322 O '56.

VLADIMIR PROVINCE—AGRICULTURE
[High yields from non-Chernozem zones; the practice of leaders in Vladimir Province] Za vysokie urozhai v nechernozemnoi polose; iz opyta peredovykh khoziaistv Vladimirskoi oblasti. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 100 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

VLASOVA, ZINAIDA NIKOLAEVNA, 1903-1956
Zinaida Nikolaevna Vlasova; obituary. Inostr. iaz. v shkole no. 6:128 N-D '56.

VOCATIONAL EDUCATION
An expert's initiative. A. Kostenko. Prof.-tekh. obr. 13 no. 11:19-20 N '56.
Information. Prof.-tekh. obr. 13 no. 11:32 N '56.
What was discussed at the conference. Prof.-tekh. obr. 13 no. 11:6-7 N '56.

VOCATIONAL GUIDANCE see subdivision under Staro-Nizhestebliyovskaya

VODOVOZOV, VASILII IVANOVICH, 1825-1886
V. I. Vodovozov on the principle of visual education. L. Privalova. Nar. obr. no. 10:41-44 O '56.

VOLCANIC ASH, TUFF, ETC. see subdivision under Elbrus, Mount; Russia, Southern

VOLCANOES
(see also subdivision under Kamchatka; Turkmenistan)
Eruptive processes in violent volcanic outbreaks. F. A. Daum, S. K. Vsekhsviatskyi, K. P. Stanlukovich. Nauk. zap. Kiev. un. 13 no. 7:125-130 '56.

VOL'FKOVICH, SEMEN ISAAKOVICH, 1896-
Academician S. I. Vol'fkovich; on his 60th birthday. Khim. nauka i prom. 1 no. 5:572 '56.

VOLGA-DON CANAL
Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Biuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. [Volga-Don; technical report on the construction of the V. I. Lenin Volga-Don Canal, the TSimlyansk Hydroelectric Development and Irrigation Facilities] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V. I. Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii. V piati tomakh. (1940-1952). Moskva, Gos. energ. izd-vo.
Vol. 4. [Concrete work] Betonnye raboty. Glav. red. S. IA. Zhuk. Red. toma G. D. Petrov. 1956. 427 p.

VOLGA RIVER—HYDROELECTRIC POWER STATIONS
To the north of Stalingrad. IU. Kharin. Ukraina no. 21: 6-7 N '56.

VOLGA VALLEY—AGRICULTURE
Basic conditions for the system of agriculture in the Southeast. I. S. Sidorov. Sel'khoz. Povol. no. 10:4-12 O '56.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- [The "Volga Valley" pavilion; a guidebook] Pavil'on "Povolzh'e"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 29 p.

VOLGA VALLEY—ALLUVIAL LANDS
Flood lands, an important factor in increasing agricultural production. I. I. Letunov. Sel'khoz. Povol. no. 10:67-70 O '56.

VOLGA VALLEY—ETHNOLOGY
Anthropological composition of the population in the Volga-Oka Basin. T. I. Alekseeva. Trudy Inst. etn. 33: 37-72 '56.

VOLGA VALLEY—GEOLOGY, STRATIGRAPHIC
Extent and subdivision of the Tatarian stage in the Kuybyshev-Chkalov region of the trans-Volga. V. I. Ruchitskii. Vest. Len. un. 11 no. 18:40-56 '56.
Main stages in the development of tectonic structures of the Devonian period in the Volga-Ural region. V. A. Balaev. Biul. MOIP. Otd. geol. 31 no. 3:37-55 My-Je '56.
New data on the stratigraphy and paleogeography of upper Cretaceous deposits in the Ul'yanovsk-Saratov region of the Volga Valley and in the middle reaches of the Don Valley. O. V. Flerova, A. D. Gurova. Trudy VNIGNI no. 7:145-165 '56.
Stratigraphy of the lower Triassic of the Volga region. V. K. Solov'ev. Dokl. AN SSSR 110 no. 3:430-433 S '56.

VOLGA VALLEY—HYDROLOGY
Hydrographic characteristics of the steppe zone of the Volga-Ural interfluve. V. A. Aref'eva. Trudy Inst. geog. no. 69:93-126 '56.

VOLGA VALLEY—MAGNESITE
Magnesites of the Saratov trans-Volga region. F. F. Rybakov. Razved. i okh. nedr 21 no. 6:7-9 N-D '55.

VOLGA VALLEY—PHYSICAL GEOGRAPHY
Main types and origin of shallow microrelief forms of the Volga-Ural interfluve. D. L. Mozeson. Trudy Inst. geog. no. 69:37-92 '56.
Origin of the relief of the Volga-Ural interfluve. A. G. Doskach. Trudy Inst. geog. no. 69:5-36 '56.

VOLGA VALLEY—REVOLUTION, 1917-1921
Czechoslovak communists in the struggle against the counterrevolution in 1918 in the Volga Valley. K. Nniakshin. Slaviane no. 1:23-25 N '56.

VOLGA VALLEY—ROWAN
Introduce sweet-fruited varieties of rowan into orchards of the Volga region. E. M. Petrov. Sel'khoz. Povol. no. 10:49-51 O '56.

VOLGA VALLEY—WATER, UNDERGROUND
Some general regularities of the chemical affinity of Paleozoic underground waters in the Volga-Ural oil-bearing province. V. A. Kratova. Trudy VNIGRI no. 95:243-253 '56.

VOLHYNIA—APATITE
Apatite from [illegible] veins of western Volhynia. E. K. Lazarenko

VOLHYNIA—LAND TENURE—HISTORY
Study on the decay of large feudal estates in southern Volhynia during the 18th century ("Large feudal estates in southern Volhynia during the 18th century." A. I. Baranovich. Reviewed by D. Myshko). Visnyk AN URSR 27 no. 11:67-70 N '56.

VOLHYNIA—PEGMATITES
Iron oxides and iron hydroxides in pegmatites of Volhynia. E.M. TSyganov. Min. sbor. no. 5:179-186 '51.

VOLLEYBALL
Final volleyball tournaments. Sp. igry 2 no. 8:6 Ag '56.
Mastery is born out of the struggle; notes on volleyball tournaments at the Spartakiada of the peoples of the U.S.S.R. Sp. igry 2 no. 8:2-6 Ag '56.
Preliminary volleyball matches; scores. Sp. igry 2 no. 8:6 Ag '56.

VOLOGOV PROVINCE—BUILDING
On the Molotov Collective Farm. S. Ivanovskii. Sel'. stroi. 11 no. 10:9 O '56.

VOLPYANSKAYA HYDROELECTRIC POWER STATION
Volpyanskaya Hydroelectric Power Station serves several collective farms. M. Rofak. Sel'. stroi. 11 no. 10:10-11 O '56.

VOLTAGE REGULATORS
EMKU electromagnetic voltage regulators and their adjustment. P. E. Burlakovskii. Elek. sta. 27 no. 10:26-31 O '56.
Transistor voltage regulators. B. N. Kononov. Priborostroenie no. 10:9-12 O '56.

VOLTMETER, ELECTRON-TUBE see Electron-tube voltmeter

VOLYN PROVINCE—GRODNOLITE
Find of Grodnolite in Volyn. M. H. Dladchenko, A. IA. Khatuntseva. Dop. AN URSR no. 2:169-171 '56.

VOMITING
Burping and vomiting in children. A. F. Tur. Zdorov'e 2 no. 12:14-15 D '56.

VOROB'EV, ARKADII
Path of a champion. I. Borisov. Sov. mor. 16 no. 17: 20-21 S '56.

VORONEZH—TECHNICAL EDUCATION
Contest for the best visual aid. I. Borisov. Avt. transp. 34 no. 11:35 N '58.

VORONEZH PROVINCE—MILK TRADE
Voronezh Province has fulfilled the annual plan for milk procurement. P. Kozlov. Moloch. prom. 17 no. 7:5 '56.

VORONIKHIN, NIKOLAI NIKOLAEVICH, 1882-1956
In memory of N. N. Voronikhin. M. M. Gollerbakh. Bot. zhur. 41 no. 8:1230-1234 Ag '56.

VOROTNETSI, IOANN, 1315-1388
Basic features of Ioann Vorotnetsi's philosophy. V. K. Chaloian. Vop. filos. no. 5:142-147 '56.

VORTEX TUBE
Investigation of the vortical temperature-distribution effect in gases and vapors. V. S. Martynovskii, V. P. Alekseev. Zhur. tekh. fiz. 26 no. 10:2303-2315 O '56.

VOTKINSK HYDROELECTRIC POWER STATION
Agriculture in the region of the Votkinsk Hydroelectric Power Station. N. Masalkin. Sots. sel'khoz. 17 no. 7:38-42 '56.

VOYAGES AND TRAVELS, JUVENILE see subdivision under Italy

VULKANESHTY DISTRICT—MACHINE-TRACTOR STATIONS
Co-operation between machine-tractor station and state farm machine operators. V. Sakovtsev. MTS 16 no. 11: 45 N '56.

VYATKA RIVER—WHITEFISHES
Siberian white salmon of the Vyatka River. N. I. Zyrianova. Ryb. khoz. 32 no. 11:40-41 N '56.

VYATKA UVAL—GEOLOGY, STRATIGRAPHIC
History of the formation and the age of the Sura-Moksha uplift region and Vyatka Uval. D. K. Andreev. Biul. MOIP. Otd. geol. 31 no. 4:99-101 Jl-Ag '56.

WAGES
(see also subdivision under China)
Advances and additional wages on collective farms. I. Sokolova. Blok. agit. no. 35:8-10 D '56.
Avsenev, M.M. [How labor is paid in capitalis countries] Kak oplachivaetsia trud rabochikh v kapitalisticheskikh stranakh. Moskva, Gos. izd-vo polit. lit-ry, 1956, 71 p. (Populiarnaia bibliotechka po marksizmu-leninizmu)
Discussion of problems of labor organization and wages. Avt. transp. 34 no. 11:5 N '56.
Experience in scheduling wages for repair and service workers in motor transport enterprises. A. Eremenko. Avt. transp. 34 no. 11:10-11 N '56.
From the editor's mail. Sots. trud no. 9:110-114 S '56.
Further improvement of methods for planning and paying for geological work. N. N. Kalmykov. Razved. i okh. nedr 21 no. 6:56 N-D '55.
Gratsianov, A.A. [Bookkeeper's manual for computing wages of workers and employees] Spravochnik bukhgaltera po raschetam s rabochimi i sluzhashchimi; osnovnye polozhenila o poriadke raschetov s rabochimi i sluzhashchimi. Moskva, Ministerstvo kommunal'nogo khoziaistva, 1955. 163 p. (NNC)
Hourly bonus wages for heat-treatment workers. V. Birbrover. Sots. trud no. 9:76-80 S '56.
In ministries and departments. Sots. trud no. 9:93-98 S '56.
In the Collegium of the Ministry of Automotive Transport and Highways of the R.S.F.S.R. Avt. transp. 34 no. 11:34 N '56.
Keeping records on payments to machine-tractor station workers. K. Kostin. Bukhg. uchet. 15 no. 11:23-20 N '56.
Labor and wage reform in the U.S.S.R. F. S. Gnenko. Obz. vazhn. sob. SSSR 3 no. 99:25-32 N '56.
Lukinov, I.I. [Monthly advance payments to collective farm workers] Ezhemesiachnoe denezhnoe avansirovanie kholkhoznikov. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, no. 29)
Material encouragement of workers in the introduction of modern technology. A. Mezentsev. Sots. trud no. 9: 67-72 S '56.
Measures for improving the organization of work norms and wages. Zhel. dor. transp. 38 no. 11:62-63 N '56.
New developments in wages of bus drivers. Avt. transp. 34 no. 10:35 O '56.
New system of paying members of tractor groups. M. T. Zhevnovatyi. Mekh. sil'. hosp. 7 no. 10:14-15 O '56.
Our calculations for supplementary pay. A. N. Savchenko. Sakh. svekl. no. 8:10-14 O '56.
Outmoded wage terms. S. Pakhomov, M. Rudnitskii. Sots. trud no. 9:63-66 S '56.
Pay rates for hourly workers. B. Baranov, I. Kogan. Sots. trud no. 9:76-78 S '56.
Put into practice the directives of the 20th Congress of the Communist Party of the Soviet Union. Sots. trud no. 9:3-6 S '56.
Regularize wages in road construction. I. Burov. Sots. trud no. 9:104-105 S '56.
Regulate wages in the automotive transport industry. N. Nevidltain and others. Avt. transp. 34 no. 10: 3-5 O '56.
Selecting efficient forms of labor organization and wages for repair and service workers. D. Smirnov. Avt. transp. 34 no. 11:5-8 N '56.
Simplification of the workers' accounts. N. V. Klusov. Tekst. prom. 16 no. 11:62 N '56.
Simplify the wage system for workers employed in the basic production sections. N. Z. Shabadash. Koks i khim. no. 7:47-49 '56.
Smirnov, V.K. [Wage organization in machine-building enterprises] Organizatsiia zarabotnoi platy na machinostroitel'nom predpriiatii. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti, Vyp. 1, no. 10)
Unusual enthusiasm. Sots. Uz. 15 no. 10:4 O '56.
Wages for construction workers. S. Mitin. Stroitel' 2 no. 8:28 Ag '56.
Working standards for machine operators. P. Blazhevich. Stroitel' 2 no. 3:20-21 Mr '56.

WALKING
Walking contests. P. Kozlovskii. Leg. atl. no. 11:5-7 N '56.

WALL NEWSPAPERS
(see also subdivision under White Russia)
Wall newspaper as one aspect of extracurricular work in chemistry. M. V. Rodina. Khim. v shkole 11 no. 6:54-57 N-D '56.

WALLS
(see also subdivision under Europe, Western)
Building hollow walls with adobe blocks. M. Platnev, V. Ostapchuk. Sel'. stroi. 11 no. 10:17-18 O '56.
Laying ceramic block walls. S. Sergeev. Stroitel' 2 no. 2:8-9 F '56.
Making and using large gypsum slag concrete partitions. I. M Derkach, P. N. Evstigneev. Nov. tekh. i pered. op. v stroi. 18 no. 5:10-13 My '56.

WALNUT see subdivision under Moldavia

WANG HSI-CHIEN
"Song of spring" [in Chinese] by Wang Hsi-chien. Reviewed by A. Klyshko. Inostr. lit. no. 11:224-227 N '56.

WAR
The possibility of averting war in the present era. I. A. Seleznev. Vop. filos. no. 5:20-31 '56.

WARSAW—BUILDING
A conversation on a building site. Janusz Przymanowski, Wiesława Kopańska. Ogonek 34 no. 48:4 N '56.

WARTS
Removing callosities and warts with a single operation. K. I. Pavlov. Fel'd. i akush. 21 no. 11:44-45 N '56.

WASHING see Laundry

WASHING POWDERS
Investigating polypropylene benzene sulfonates as washing powders. F. V. Nevolin. Masl.-zhir. prom. 22 no. 7:24-25 '56.

WASHINGTON—ATOMIC ENERGY—CONGRESSES
Draft statute of the International Atomic Energy Agency. V. Oberemko. Atom. energ. no. 4:166-167 '56.

WASHINGTON—HISTORY—CONGRESSES
Historians ask new questions. Vop. ist. no. 8:204-207 Ag '56.

WASTE, DISPOSAL OF see Factory and trade waste

WASTE HEAT
Arrangement for utilizing waste heat of coke-oven standpipes. G. N. Arkhipov, A. M. Litvinov, A. P. Simonson. Koks i khim. no. 7:18-19 '56.

WASTE PRODUCTS
(see also subdivision under Drogobych Province)
High-heating-value gas produced from agricultural wastes. V. Keler. Gaz. prom. no. 9:35-37 Je '56.

WATCHES see Clocks and watches

WATCHMAKING see Clockmaking and watchmaking

WATER—ANALYSIS
Kononov, V.N. [Sanitary evaluation of underground and surface water used for drinking and household needs] Sanitarno-gigienicheskaia otsenka podzemnykh i nazemnykh vod, ispol'zuemykh dlia pit'evykh i khoziaistvennykh tselei naseleniia. Moskva, Gos. izd-vo med. lit-ry, 1956. 138 p. (Biblioteka sanitarnogo vracha i epidemiologa)

WATER—BACTERIOLOGY
Hydrochemical characteristics of some lakes of the Karelian Isthmus and the micro-organisms in them participating in the nitrogen-phosphorus cycle. T. V. Zharova, A. A. Platonova. Vest. Len. un. 11 no. 18: 120-129 '56.

WATER—CHLORINATION
Apparatus for the chlorination of water. Z. Rabinovich. Moloch. prom. 17 no. 7:38-39 '56.

WATER—FLOW see Hydraulics

WATER—LAWS AND LEGISLATION see subdivision under Kazakhstan

WATER—POLLUTION see subdivision under Kama River

WATER—PURIFICATION
(see also subdivision under Yaroslavl)
Final cooling of gas in connection with the use of tar for removing naphthalene from water. S. G. Faingol'd, A. I. Shevchenko. Koks i khim. no. 7:32-36 '56.
A mobile unit for the removal of radioactive contamination from water. (from "Chem. Engineering," v. 63, no. 4, 1956). S. L. Atom. energ. no. 4:179-180 '56.
Operation of desalting water-purification installations of the type developed by the Moscow Regional Power Authority. L. A. Chernova. Teploenergetika 3 no. 12: 57-58 D '56.
Technological characteristics of strongly basic anion-exchanging substances. A. M. Prokhorova. Teploenergetika 3 no. 12:14-20 D '56.
Using EDE-10 and AN-2F anion-exchange resins for efficient desalting of water. V. P. Meleshko, O. V. Chervinskaia, M. N. Romanov. Teploenergetika 3 no. 12: 20-23 D '56.
Utilizing exhaust air from hydrogen plus sodium cation exchangers installations to control deposits in turbine condensers. I. T. Rumiantsev. Prom. energ. 11 no. 11:13 N '56.

WATER, DISTILLED
Continuous water distilling apparatus. K. I. Kal'pentsov. Khim. v shkole 11 no. 6:47-48 N-D '56.

WATER, UNDERGROUND
(see also subdivision under Kazakhstan; Kura-Aras Lowland; Russian Platform; Ural Mountain region; Volga Valley)
Chalishchev, A.M. [Drilling bore holes for water supply] Ustroistvo burovykh skvazhin dlia vodosnabzhenila. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 194 p.
Chloride-bromide ratio of underground waters. V. A. Krotova. Trudy VNIGRI no. 95:264-285 '56.
Determining filtration coefficients of anisotropic layers on the basis of pumped test samples. Razved. i okh. nedr 21 no. 6:52-55 N-D '55.
Effect of the diameter of a completed well on its yield. I. M. Buachidze, V. M. Nasberg. Razved. i okh. nedr 21 no. 2:42-45 Mr-Ap '55.
Estimating exploitable reserves of ground waters by means of underground water intake installations. N. A. Plotnikov. Razved. i okh. nedr 21 no. 5:49-51 S-O '55.

WATER, UNDERGROUND (Continued)
Formation of the chemical composition of underground waters in arid regions. A. I. Silin-Bekchurin. Uch. zap. Mosk. un. no. 176:175-193 '56.
Graphic-analytic method of calculating seepage in dam aprons. P. F. Fil'chakov. Gidr. stroi. 25 no. 10:43-50 N '56.
Methods for sampling water from wells in the case of nonhomogeneous chemical composition of underground waters. V. L. Dubrovkin, E. V. Simonov. Razved. i okh. nedr 21 no. 3:48-53 My-Je '55.
Principal requirements for geophysical work in hydrogeological and engineering geological investigations. L. N. Smirnov, N. A. Titov. Razved. i okh. nedr. 21 no. 1:45-48 Ja-F '55.
Prominent foci of underground water discharge on the Russian Platform. A. M. Ovchinnikov. Biul. MOIP, Otd. geol. 31 no. 3:111-112 My-Je '56.
Results of increasing water well boring. M. A. Shtein, A. A. Lethoshits. Razved. i okh. nedr. 21 no. 1:48-52 Ja-F '55.
Role of geostructural and hydrogeological analyses in studying the water balance of regions. B. I. Kudelin. Uch. zap. Mosk. un. no. 170:195-220 '56.
Some problems of modeling irregular seepage. V. M. Shestakov. Vop. fil'tr. rasch. gidr. soor. no. 2:129-139 '56.

WATER BIRDS—PARASITES see Parasites—Water birds

WATER FLEAS
Raising Moina rectirostris Leydig as live feed for sturgeons. M. K. Askerov. Uch. zap. AGU no. 7: 59-69 '55.

WATER HYACINTHS see subdivision under Brazil

WATER LILIES see subdivision under Brazil

WATER PIPES
Khuberian, K. M. [Efficient shapes for water pipes, reservoirs, and pressure arches] Ratsional'nye formy truboprovodov, rezervuarov i napornykh porokrytii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitektury, 1956. 205 p.
Protecting water pipelines from vagrant currents. I. Baron. Zhil.-kom. khoz. 6 no. 6:21 '56.
Using asbestos-cement pipes for water supply lines. V. K. Syvolapov. Mekh. sil'. hosp. 7 no. 11:24-25 N '56.

WATER PLANTS see Aquatic plants

WATER POWER see Hydroelectric power

WATER POWER ELECTRIC PLANTS see Hydroelectric power stations

WATER SKIING
Water skis. B. Bokhtenko. Ukraina no. 32:32 N '56.

WATER SUPPLY
(see also subdivision under Pushkin)
Planning the production program of municipal water supply. R. N. Zel'dovich. Nauch. zap. Len. fin.-ekon. inst. no. 8:172-197 '55.
Tasks facing hydrogeologists in the light of decisions of the September and February-March plenums of the Central Committee of the Communist Party of the Soviet Union. A. A. Konopliantsev. Razved. i okh. nedr 20 no. 1:42-46 Ja-F '54.

WATER SUPPLY, RURAL
(see also subdivision under Kazakhstan)
Mechanization of water pumping on state Karakul farms is an urgent task. N. I. Logantseva. Ovtsevodstvo no. 10:37-38 O '56.
Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954- ["Water resources management and rural hydroelectric power stations" pavilion; a guidebook] Pavil'on "Vodnoe khoziaistvo i sel'skie gidroelektrostantsii"; putevoditel', Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 21 p.
New achievements in the mechanization of water pumping in pastures. IA. Z. Lutskii. Ovtsevodstvo no. 10:38-40 O '56.
Water-supply system on a livestock farm. G. G. Shiler. Sel'khoz. Povol. no. 10:70 O '56.

WATER TRANSPORTATION, INLAND see Inland water transportation

WATERING PLACES see Health resorts, watering places, etc.

WATERMARKS
Watermarks in Russian papers. Z. V. Uchastkina. Trudy Inst. ist. est. i tekh. 12:312-337 '56.

WATERPROOFING OF FABRICS
Ways of improving the water-repellent qualities of tarpaulin fabrics. M. M. Chilikin, M. N. Zausman, A. G. Kovaleva. Tekst. prom. 16 no. 9:37-40 S '56.

WATERS, MINERAL see Mineral waters

WATTMETER
The wattmeter with barrier-layer converters for telemetering electric power. Sh. IU. Ismailov, A. V. Frenke. Avtom. i telem. 17 no. 11:1038-1040 N '56.

WAVE GUIDES
An approximate computation method in designing a slightly irregular wave guide. A. G. Sveshnikov. Dokl. AN SSSR 110 no. 2:197-199 S '56.
Classification of dispersion characteristics in an undissipated wave guide having a periodic structure. S. I. Tetel'baum, B. N. Rapoport. Dop. AN URSR no. 2: 134-136 '56.

WAVE MOTION, THEORY OF
Propagation of elastic waves in a medium with cylindrical channels. V. V. Tiutekin. Akust. zhur. 2 no. 3:291-301 Jl-S '56.

WAVES
Attenuation of ocean waves and calculating their height in the case of abating wind. K. M. Stratov. Meteor. i gidrol. no. 10:48-52 O '56.
Effect of the action of waves on the fishing net. F. I. Baranov. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 6:13-16 54.
Theory and practice of determining the maximal wave. K. K. Giul'. Uch. zap. AGU no. 4:21-36 '55.

WAXES—ELECTRIC PROPERTIES
Studying the heterocharges of electrets in carnauba wax. A. I. Frotman, V. M. Fridkin. Kristallografiia 1 no. 3:342-350 '56.

WEAPONS, ATOMIC see Atomic weapons

WEAR, MECHANICAL see Mechanical wear

WEASLES
Kolinsky. V. Timofeev. Okh. i okh. khoz. no. 11:23-24 N '56.

WEATHER FORECASTING
Cloud hunters. Anatolii Agranovskii. IUnost' no. 11: 101-108 N '56.
Compiling monthly weather forecasts with reduced forewarning period. IU. B. Khrubrov. Meteor. i gidrol. no. 10:30-33 O '56.
Directive on weather forecasting, section 3, part 1. M. I. Smirnova. Meteor. i gidrol. no. 10:67-69 O '56.

WEATHER TELEGRAPHY
Using phototelegraphy in the weather service. Elektrosviaz' 10 no. 12:74-75 D '55.

WEAVING see subdivision under Kuntsevo

WEIGHING MACHINES—TESTING
Accuracy of weighing instruments. V. P. Radovitskii. Tekst. prom. 16 no. 9:48-52 S '56.

WEIGHT LIFTING
Every soldier can and must be an athlete. M. M. Ravtsov. Mast. sporta del. op. no. 5:60-76 '56.
Labor is the basis of success in sports. T. F. Lomakin. Mast. sporta del. op. no. 5:9-23 '56.
Persistence leads to victory. A. N. Vorob'ev. Mast. sporta del. op. no. 5:24-41 '56.
Preface. Mast. sporta del. op. no. 5:3-8 '56.
Road toward sports mastery. A. I. Bozhko. Mast. sporta del. op. no. 5:76-109 '56.
Striving for mastery. F. N. Nikitin. Mast. sporta del. op. no. 5:42-59 '56.

WEIGHTS AND MEASURES
Remarks on B. A. Rybakov's article "Russian measures of length in the 11th-15th centuries." K. N. Afanas'ev. Soob. Inst. ist. fak. no. 7:157-162 '56.

WELDING
Adapting the PSh-5 semiautomatic apparatus for welding parts and connections of pipelines. G. N. Shamanin. Stroi. pred. neft. prom. 1 no. 8:13-14 O '56.
Effect of welding technology on geometrical dimensions of blast furnaces during their construction. N. E. Gorozhaninov, I. I. Serzhant. Stroi. prom. 34 no. 10:26-29 O '56.
Efficient organization at the working place. Stroitel' 2 no. 3:13 Mr '56.
Improving the quality of welded butt joints of drill pipes for geological test boring. Z. G. Napetvaridze, L. A. Shvartsman. Azerb. neft. khoz. 35 no. 7:36-37 Jl '56.
Submerged-melt welding of the concrete reinforcing steel joints with a continuous slag formation. Stroi. prom. 34 no. 11:15-18 N '56.
Welding bus bars and their branches in switchgear in electric stations and substations. Prom. energ. 11 no. 11:29-30 N '56.

WELDING, ELECTRIC see Electric welding

WELDING, GAS see Gas welding and cutting

WELL-BORING see Boring

WELLS, HERBERT GEORGE, 1866-1946
Herbert Wells in Russia. Inostr. lit. no. 11:176-177 N '56.

WELLS
Effect of sand on well operation. V. M. Gavrilko. Razved. i okh. nedr. 21 no. 1:53-55 Ja-F '55.

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—COCCIDIOSIS
Materials on the Coccidia of wild mammals in western Kazakhstan. S. K. Svanbaev. Trudy Inst. zool. AN Kazakh. SSR 5:180-191 '56.

WEST KAZAKHSTAN PROVINCE—MITES
Distribution of beetle mites in the pastures of western Kazakhstan. I. B. Sokolova. Trudy Inst. zool. AN Kazakh. SSR 5:161-165 '56.

WEST KAZAKHSTAN PROVINCE—SHEEP BREEDING
Breeding fine-wool and medium-wool sheep on the collective farms of Western Kazkhstan. S. P. Ponomarev. Ovtsevodstvo no. 11:20-22 N '56.

WESTERN EUROPE see Europe, Western

WHALES
Collision with a sperm whale. A. Borisov. Ogonek 34 no. 49:31 N '56.

WHALING
Brief news. Ryb. khoz. 32 no. 11:90-91 N '56.

WHEAT
(see also subdivision under Stepanakert District; Ukraine)
Babadzhanian, G. A. [Florescence, pollination, and fertilization of wheat; with a discussion of the problems of heredity and vitality in relation to sexual reproduction of plants] TSvetenie, opylenie i oplodotvorenie pshenitsy; s obsuzhdeniem voprosov nasledstvennosti i zhiznennosti v sviazi s polovym vosproizvedeniem rastenii. Erevan, Izd-vo Akademii nauk Armianskoi SSR, 1955. 241 p. [MICROFILM]
Biochemical changes in wheat seed during yarovization. Shotchiro Uzami. Izv. AN SSSR. Ser. biol. no. 5:97-98 S-O '56.
Causes of winter crop failure in the non-Chernozem zone of the U. S. S. R. N. S. Avdonin, E. V. Kuzina. Uch. zap. Mosk. un. no. 166:5-18 '56.
Crease of wheat grains. E. Kazakov. Muk.-elev. prom. 22 no. 10:16-17 O '56.
Effect of environmental conditions on the frost resistance of winter wheat. A. G. Mikhalovskii, G. V. Porutskii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:179-196 '51.
Effect of fertilizers on spring wheat yield. P. A. Vlasiuk, A. L. Vasilenko, S. I. Derevianko. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:139-145 '51.
Effect of micro- and macroelements of saline solutions on the yielding ability of seeds and the growth and development of spring wheat. M. M. Bykov, S. IA. Dapina. Dokl. Akad. sel'khoz. 21 no. 11:12-16 '56.
Effect of nutrition on the formation of the ear and the increase in yield of winter wheat. A. G. Mikhailovskii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 1/2:210-220 '48.
Effect of salinization on the early stages of growth and development of spring and winter wheat. F. L. Kalinin. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:172-178 '51.
Effect of the day's length on the development and morphogenesis of wheat spikes [with English summary in insert]. Friedata Blum, Jan Kříž. Fiziol. rast. 3 no. 5:414-422 S-O '56.
Effect of the ionic correlations of soil solution and trace elements on the yield and the colloidal chemical composition of sugar beets and spring wheat. T. T. Demidenko, A. A. Popova. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 3:310-333 '51.
The effect of 2, 4-D preparations on formative processes in summer wheat [with English summary in insert]. I. A. Filippenko. Fiziol. rast. 3 no. 5:440-445 S-O '56.
Effectiveness of annual green manure grasses in increasing wheat yields under conditions prevailing in the semidesert zone of the Ararat Lowland. S. A. Sarkisian, Dzh. A. Bakhalbashian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 9 no. 10:71-80 O '56.
Free amino acid content of young wheat plants raised on isolated nutrients [with English summary in insert]. V. P. Dadykin, Z. S. Igumnova. Fiziol. rast. 3 no. 5: 431-434 S-O '56.
Results of studying certain conditions and methods of wheat and rye pollination. G. V. Prokhnevich-Poskonina. Uch. zap. Mosk. un. no. 186:167-176 '56.
Role of saturation irrigation in increasing spring wheat yields. M. I. Kaplinskii. Sel'khoz. Povol. no. 10:36-39 O '56.
Separability of mixtures of wheat according to the grain size. I. E. Mambish, B. V. Tarasevich, A. A. Rybkina. Trudy VNIIZ no. 31:159-169 '56.
Technological properties of wheat in eastern districts. Trudy VNIIZ no. 28:3 '54.
Yarovization temperature and colloidal properties of winter wheat. G. V. Porutskii. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 4:197-207 '51.

WHEAT—STORAGE
Experiments with the storage of moist wheat in silos with a carbon dioxide atmosphere. IA. IA. Nikitinskii. Trudy VNIIZ no. 30:5-12 '55.
Microflora of wheat and changes in it due to humidity and temperature. O. P. Pod"iapol'skaia, V. A. Mirzoeva. Trudy VNIIZ no. 30:13-40 '55.

WHEAT—VARIETIES
Odessa 16 winter wheat variety. F. G. Kirichenko. Mich. uch. na sluzh. nar. no. 3:7-19 '55.

WHEAT MILLING
Process of rapid conditioning in preparing wheat for milling. P. P. Tarutin. Trudy VNIIZ no. 31:5-24 '56.

WHITE RUSSIA—AFFORESTATION
Efficient method for the afforestation of White Russian sands. I. K. IAkushenko. Les. khoz. 9 no. 11:37-40 N '56.

WHITE RUSSIA—AGRICULTURE
Don't be content with attained successes, increase our achievements in agriculture. Komm. Bel. 29 no. 12: 2-8 D '56.

WHITE RUSSIA—BEE CULTURE
Progressive apiaries participate in the exhibition. I. M. IArmashevich. Kolkh. Bel. 4 no. 10:28 O '56.

WHITE RUSSIA—CARP
Amur carp in the waters of White Russia. V. Chesalin. Kolkh. Bel. 4 no. 8:29 Ag '56.

WHITE RUSSIA—CLOVER
Clover on peat bog soils. A. F. Danilovich. Kolkh. Bel. 4 no. 8:34 Ag '56.
White Russian red clover as initial breeding material. K. S. Vlasova. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:240-248 '56.

WHITE RUSSIA—COLLECTIVE FARMS
From laggards to leaders. M. IAstrebov. Kolkh. Bel. 4 no. 8:5 Ag '56.
Improve the utilization of land on collective farms in White Russia. S. R. Pomchenko. Kolkh. Bel. 4 no. 10: 5-6 O '56.
Our work has become specific and interesting. M. K. Peguda. Kolkh. Bel. 4 no. 8:22 Ag '56.

WHITE RUSSIA—COMMUNIST EDUCATION
Persistent attention to ideological education of students. Komm. Bel. 29 no. 12:66 D '56.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION
Reports and elections in White Russian party organizations. Komm. Bel. 29 no. 11:2-8 N '56.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
In the Central Committee of the Communist Party of White Russia. Komm. Bel. 29 no. 12:63-65 D '56.

WHITE RUSSIA—CORK TREE
Growing seedlings of the Amur cork tree. N. Mureshov, V. Sedlukho. Kolkh. Bel. 4 no. 10:30 O '56.

WHITE RUSSIA—CORN (MAIZE)—DISEASES AND PESTS
Controlling wireworms in corn crops in the White Russian S. S. R. A. F. Kipenvarlits, V. I. Zenkevich. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:290-312 '56.

WHITE RUSSIA—CULTURE
Brief news. Polymia 34 no. 11:159-160 N '56.

WHITE RUSSIA—EARTHWORMS
Fauna of earthworms (Lumbricidae) of low swamps in the White Russian S. S. R. A. F. Kipenvarlits. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:285-288 '56.

WHITE RUSSIA—ECONOMIC GEOGRAPHY
Akademiia navuk BSSR, Minsk. Instytut ekonomiki. [Economic geography of White Russia] Ekonomicheskaia geografiia Belorusskoi SSR. Minsk, 1956. 575 p.

WHITE RUSSIA—ECONOMIC POLICY
Industry and agriculture of the White Russian S. S. R. in the sixth five-year plan. S. Kabysh. Belaruski zbornik 5:87-101 '56.

WHITE RUSSIA—EDUCATION
White Russian schools enslaved by Bolshevik-Communist dogma. H. Niamtha. Belaruski zbornik 5:7-66 '56.

WHITE RUSSIA—EDUCATION—PERIODICALS
For militant and purposeful scientific-educational periodicals. N. Shevchuk, N. Zakharchenko. Komm. Bel. 29 no. 11:67-71 N '56.

WHITE RUSSIA—ENSILAGE
Mixed sowing of sunflowers for ensilage. D. A. Zabello. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4: 218-230 '56.

WHITE RUSSIA—ETHNOLOGY
Anthropological research in southern White Russia. V. V. Bunak. Trudy Inst. etn. 33:3-36 '56.

WHITE RUSSIA—FARM MECHANIZATION
Change the methods for determining the level of agricultural mechanization. N. A. Alekseichik. Kolkh. Bel. 4 no. 8:21 Ag '56.

WHITE RUSSIA—FARM PRODUCE—COSTS
Lower production costs on agricultural products systematically. M. Zuev, V. Senchuk. Komm. Bel. 29 no. 11:41-47 N '56.

WHITE RUSSIA—FEEDING AND FEEDING STUFFS
Procure enough forage to feed livestock in the winter. Kolkh. Bel. 4 no. 8:1-2 Ag '56.

WHITE RUSSIA—FERTILIZERS AND MANURES
Basic problems in fertilizing and liming loamy slightly base-saturated turf-Podzolic soils in the White Russian S. S. R. V. I. Shempel', K. T. Starovoitov. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:60-100 '56.
Effect of granulated superphosphate on crop yields as influenced by the methods of fertilizing and liming sandy-loam turf-Podzolic soils. O. K. Kedrov-Zikhman, K. S. Talanova. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:101-117 '56.

WHITE RUSSIA—FLAX
Some problems in the cultivation of fiber flax. A. I. Lappo, V. I. Ruban. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:203-217 '56.

WHITE RUSSIA—FORESTS AND FORESTRY
White Russian deciduous forests. A. IAlovich. Belaruski zbornik 5:117-123 '56.

WHITE RUSSIA—FORESTS AND FORESTRY—EXHIBITIONS
A study room for silviculture information. I. Chervlakov. Kolkh. Bel. 4 no. 10:30 O '56.

WHITE RUSSIA—FRIT FLIES
Damage to cereal grasses by frit flies in the White Russian S. S. R. A. F. Markovets, M. I. Zhabinskaia. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:282-289 '56.

WHITE RUSSIA—FRUIT CULTURE
Fruit growers. V. Minov. Kolkh. Bel. 4 no. 8:26-27 Ag '56.

WHITE RUSSIA—FUR-BEARING ANIMALS
Distribution of wild animals. V. Petrovskii. Kolkh. Bel. 4 no. 10:40 O '56.

WHITE RUSSIA—GARDENING
Late autumn. V. Ramanenka. Biarozka 33 no. 11:30 N '56.

WHITE RUSSIA—GRAPES
Grapes in White Russia. A. P. Savchenko. Kolkh. Bel. 4 no. 10:27 O '56.

WHITE RUSSIA—HARVESTING
Rich harvest. M. Vishnevskii. Kolkh. Bel. 4 no. 8:3 Ag '56.

WHITE RUSSIA—HISTORY
Book on White Russia in English ("Belorussia; the making of a nation." Nicholas P. Vakar. Reviewed by A. Marhovich). Belaruski zbornik 5:178-198 '56.
White Russian Bolsheviks during the years of the new revolutionary upheaval (1910-1914). T. Solodkov. Komm. Bel. 29 no. 11:48-58 N '56.

WHITE RUSSIA—INDUSTRIAL MANAGEMENT
Increase the role of meetings dealing with production. E. Vlasov. Komm. Bel. 29 no. 11:28-32 N '56.

WHITE RUSSIA—INDUSTRIES
Literature on progressive practice in White Russian industry. N. Veduta. Komm. Bel. 29 no. 12:56-60 D '56.

WHITE RUSSIA—LINDEN
White Russian linden forests. M. I. Chichin. Kolkh. Bel. 4 no. 10:29 O '56.

WHITE RUSSIA—MILLET
Biology of the flowering of millet in the White Russian S. S. R. B. N. Zhuravel'. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:249-254 '56.

WHITE RUSSIA—NEWSPAPER AND PERIODICAL CIRCULATION
Circulation of the periodical "Kommunist Belorussii." Komm. Bel. 29 no. 12:68 D '56.

WHITE RUSSIA—PASTURES AND MEADOWS
Akademiia navuk BSSR, Minsk. Instytut melioratsyi, vodnai i balotnai haspadarki. [Meadows and pastures of White Russia and their improvement] Kormovye ugod'ia BSSR i ikh uluchshenie. Pod red. I. S. Lupinovicha i S. G. Skoropanova. Minsk, Gos. izd-vo BSSR, 1956. 403 p.
(DA)

WHITE RUSSIA—PLOWING
Effect of deepening the plow layer on the yield of winter rye and potatoes. M. G. Chizhevskii, A. P. Abramchuk, V. B. Larionenko. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:24-36 '56.

WHITE RUSSIA—PODZOL
Basic problems in fertilizing and liming loamy slightly base-saturated turf-Podzolic soils in the White Russian S. S. R. V. I. Shempel', K. T. Starovoitov. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:60-100 '56.

WHITE RUSSIA—POLITICS AND GOVERNMENT
Invigorating force of Soviet democracy. V. Kozlov. Komm. Bel. 29 no. 12:9-18 D '56.

WHITE RUSSIA—POTATOES
Effect of deepening the plow layer on the yield of winter rye and potatoes. M. G. Chizhevskii, A. P. Abramchuk, V. B. Larionenko. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:24-36 '56.

WHITE RUSSIA—POTATOES—DISEASES AND PESTS
Effect of vernalization and planting time on the susceptibility of wart-resistant potato varieties to phytophthora and another diseases. A. A. Sapegova. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:231-239 '56.

WHITE RUSSIA—POTATOES—PRESERVATION
Special problems in the storage of this year's potatoes. I. I. Pushkarev. Kolkh. Bel. 4 no. 10:9-10 O '56.

WHITE RUSSIA—RECLAMATION OF LAND
Reclamation of land in the sixth five-year plan. V. M. Zubets. Kolkh. Bel. 4 no. 10:22-24 O '56.

WHITE RUSSIA—REVOLUTION, 1917-1921
History of the Bolsheviks' struggle for the victory of the October Revolution in White Russia and on the Western Front. P. Kruhlikau. Polymia 34 no. 11:110-132 N '56.

WHITE RUSSIA—ROTATION OF CROPS
Using grasses in crop rotation. P. E. Prokopov. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:3-23 '56.

WHITE RUSSIA—RUSSIAN SOCIAL DEMOCRATIC PARTY
White Russian Bolsheviks during the years of the new revolutionary upheaval (1910-1914). T. Solodkov. Komm. Bel. 29 no. 11:48-58 N '56.

WHITE RUSSIA—RYE
Effect of deepening the plow layer on the yield of winter rye and potatoes. M. G. Chizhevskii, A. P. Abramchuk, V. B. Larionenko. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:24-36 '56.

WHITE RUSSIA—SOILS
Leaching potassium from turf-Podzolic and peat-bog soils under climatic conditions of the White Russian S. S. R. I. P. Vil'gusovich. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4:143-156 '56.

WHITE RUSSIA—SOWING
Let us sow winter crops in an exemplary fashion. Kolkh. Bel. 4 no. 8:3 Ag '56.

WHITE RUSSIA—STOCK AND STOCKBREEDING
Valuable initiative. Komm. Bel. 29 no. 12:67 D '56.

WHITE RUSSIA—SUNFLOWERS
Mixed sowing of sunflowers for ensilage. D. A. Zabello. Sbor. nauch. trud. Inst. sots. sel'khoz. AN BSSR no. 4: 218-230 '56.

WHITE RUSSIA—THEATER
White Russian art in the 1920's and its roots in contemporary Soviet life. M. Kulikovich. Belaruski zbornik 5:124-143 '56.

WHITE RUSSIA—WALL NEWSPAPERS
Wall newspaper on a collective farm. B. Zel'tser. Komm. Bel. 29 no. 12:50-55 D '56.

WHITE RUSSIA—WOLVES
Destruction of wolves. S. Baksalov. Kolkh. Bel. 4 no. 10:40 O '56.

WHITE RUSSIA—WOMEN—EMPLOYMENT
On the threshold of the New Year. Rab. i sial. 32 no. 12: 4-6 D '56.

WHITE RUSSIAN ART see Art, White Russian

WHITE RUSSIAN DRAMA—HISTORY AND CRITICISM
Human characters and armor-bearers of heroes. Anatol' Sabaleuski. Polymia 34 no. 11:133-143 N '56.
Lesser forms of dramatic theatrical art ("Dramatic miniatures" by Ales' Makhnach. Reviewed by M. Model'). Polymia 34 no. 11:156-158 N '56.

WHITE RUSSIAN MUSIC see subdivision 'Music, White Russian' under Kustanay Province

WHITE RUSSIAN NEWSPAPERS
Economic subjects in newspapers. I. Maksimov, G. Napreev. Komm. Bel. 29 no. 11:71-76 N '56.

WHITEFISHES see subdivision under Vyatka River

WHOOPING COUGH
Role of the nurse in the control of whooping cough. M. A. Shishliannikova. Med. sestra 15 no. 10:14-18 O '56.

WILD BOAR—PARASITES see Parasites—Wild boar

WILNO see Vilnius

WIMBLEDON--TENNIS
Masters of the attack style; notes on the Wimbledon tennis tournament. E. Korbut. Sp. igry 3 no. 9: 30-31 5 '56.

WIND POWER
Determining optimal parameters for flywheels; methods of calculation. IA. I. Shefter. Trudy VIM 22:92-110 '56.
Using flywheels in wind-power installations. IA. I. Shefter. Trudy VIM 23:61-91 '56.

WINDBREAKS, SHELTERBELTS, ETC.
(see also subdivision under Stalingrad Province)
Kotov, V. M. [Growing oaks in shelterbelts] Vyrashchivanie duba v lesnykh polosakh. [Kuibyshev] Kuibyshevskoe kn-vo, 1954. 84 p.
(DA)

WINDMILLS
Basis for standard dimensions of windmills. E. M. Fatkiev. Trudy VIM 23:5-45 '56.
Regulating high-speed windmills by setting the windwheel at an angle to the wind. I. D. Mogil'nitskii. Trudy VIM 23:135-145 '56.
Station and dynamics of the centrifugal regulator of D-18 windmills. IA. I. Shefter, V. A. Orlov, V. N. Kolodin. Trudy VIM 23:111-134 '56.

WINDS
(see also subdivision under Turkmenistan)
Anapol'skaia, L.E. [Winds in the area of the steppe reservoirs of European Russia] Vetrovoi rezhim vodokhranilishch stepnogo raiona Evropeiskoi territorii SSSR. Pod red. O.A.Drozdova. Leningrad, Gidrometeorologicheskoe izd-vo, 1956. 61 p.
Structure of the wind. IA. I. Shefter. Trudy VIM 32:46-60 '56.

WINE AND WINE MAKING
(see also subdivision under Georgia; Moldavia)
"Problems in wine making." A. A. Egorov. Reviewed by G. Kolikov. Vin. vin. Mold. 11 no. 5:61-62 S-O '56.
Vaitkhunan, A. A., and A. L. Mirkind. [Recovery of tartrates from winery wastes] Poluchenie vinnokislykh soedinenii iz otkhodov vinodeliia. Moskva, Pishchepromizdat, 1956. 375 p.

WIREWORM
Controlling wireworms in corn crops in the White Russian S. S. R. A. F. Kipenvarlita, V. I. Zenkevich. Shor. nauch. trud. Inst. pochv. sel'khoz. AN BSSR no. 4:300-312 '56.

WIRING, ELECTRIC see Electric wiring

WOLF HUNTING
Well-known wolf hunter. M. Gudkov. Okh. i okh. khoz. no. 11:38 N '56.

WOLLASTONITE see subdivision under Gnivan'

WOLVES see subdivision under White Russia

WOLVES--PARASITES see Parasites--Wolves

WOMEN
From 37 countries. Sov. Soiuz no. 12:10-13 D '56.
Welcome present. Varvara Karbovskaia. Ogonek 34 no. 49:31 D '56.

WOMEN--CONGRESSES see subdivision under Moscow

WOMEN--EMPLOYMENT
(see also subdivision under Turkmenistan; White Russia)
Twenty glorious years. Aliaksandra Us. Rab. i mial. 33 no. 12:2-3 D '56.

WOMEN--RIGHTS OF WOMEN
Statements of participants in the international seminar "Equal rights for women of the U. S. S. R." Monica Whately and others. Sov. zhen. 12 no. 12:31-35 D '56.

WOMEN AS ATHLETES
Girls in the Olympics past and present. Jack Taylor. Mol. mira no. 10:10 '56.

WOOD
Characteristics of the anatomical structure of wood of some almond species. R. T. IAnkevich. Bot. zhur. 41 no. 8:1173-1177 Ag '56.
Considering plastic deformations in calculating deflection of wooden bars. V. F. IAtsenko. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:119-133 '56.
Effect of locally applied loads on the supporting power of compressed wooden bars. K. I. Kolenchuk. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:115-118 '56.
Gluing unplaned wood. M. R. IAnson. Nov. tekh. i pered. op. v stroi. 18 no. 5:17-18 My '56.
Long-term strength of wood. P. P. Bellankin, K. I. Kolenchuk, V. F. IAtsenko. Sbor. trud. Inst. stroi. mekh. AN URSR no. 21:103-114 '56.

WOOD--PRESERVATION
Ukraine. Gosudarstvennyi komitet po delam stroitel'stva i arkhitektury. [Instructions for the protection of wood in apartment houses and public buildings from the ravages of wood fungi and beetles] Instruktsiia po zashchite dereveny v zhilykh i grazhdanskikh zdaniiakh ot razrushenii domovymi gribami i zhukami. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekture USSR, 1956. 39 p.

WOOD--TESTING
Resistance of frozen wood to impact (lateral) bending. A. N. Elkin. Gidr. stroi. 26 no. 10:54-56 N '56.

WOOD, COMPRESSED
Bahaev, A. P. [Axle bearings of cane pressed wood for streetcars; work practice of the S. M. Kirov trolley depot in Moscow] Moderno-onevye vagonnye podshipniki iz drevesnoi pressmassy; iz opyta raboty tramvainogo depo imeni S. M. Kirova g. Moskvy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 32 p. (Obmen peredovym opytom predpriiatii kommunal'nogo khoziaistva)

WOOD-DECAYING FUNGI see subdivision under Kara-Kalpak

WOODWORKING INDUSTRIES
Merkulov, A.I., and P.S.Shaitor. [The salvaging department in a woodworking enterprise; experience of the Volodarskii Spool Factory] TSekh ob"edineniia na derevoobrabatyvaiushchem predpriiatii; opyt katushechnoi fabriki imeni Volodarskogo. Moskva, Goslesbumizdat, 1956. 40 p.

WOOL
Work of the collective farm wool laboratories. M. A. Vasil'eva, T. I. Loginova. Ovtsevodstvo no. 11:30-42 N '56.

WOOL CARDING see subdivision under France

WOOLEN AND WORSTED MANUFACTURE
Continuous method of scouring and washing worsted fabrics. F. I. Raikhlin, O. M. Stolbar. Tekst. prom. 16 no. 9:35-36 S '56.
Salikhov, S.H. [Wool napping] Vorsovanie sherstianykh tkanei. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 254 p.

WORK
Effect of moderate lowering of partial oxygen pressure on human respiration during muscular work. M. E. Marshak, T. A. Maeva. Vop. kur. fizioter. i lech. fiz. kul't. 21 no. 4:70-76 O-D '56.
The experience of the U. S. S. R. in narrowing the gap between mental and physical work. F. N. Zauzolkov. Vop. filos. no. 5:20-31 '56.

WORK CLOTHES
Specimens of fishermen's work clothes. V. IA. Davydov. Ryb. khoz. 32 no. 11:23-24 N '56.

WORKINGMEN'S CLUBS see subdivision under Kadiyevka; Yuzhno

WORKS COUNCILS
Work of industrial conferences in the first year of industrialization, 1926-1927. L. S. Rognobevskaia. Ist. zap. no. 57:255-275 '56.

WORKSHOPS--EQUIPMENT AND SUPPLIES
School carpentry workbenches. I. Korzhev. Nar. obr. no. 10:50-51 O '56.

WORLD ECONOMICS see Economic conditions

WORLD POLITICS
Disintegration of the imperialist colonial system. IU. Menin. Komm. Ist. 29 no. 12:41-49 D '56.
The Great October Socialist Revolution and the present-day East [with English summary in insert]. Sov. vostokoved. no. 5:3-10 '56.
Letters to the editor. V zashch. mira no. 25:103-109 O '56.
On the eve of the 11th session of the U. N. General Assembly. Mezhdunar. zhizn' no. 10:9-13 O '56.
Realism and adventurism in politics. Mezhdunar. zhizn' no. 11:3-9 N '56.
Samarskii, S. P. [The struggle of the Soviet Union for democratic peace treaties with Italy, Rumania, Bulgaria, Hungary, and Finland] Bor'ba Sovetskogo Soiuza za mirnye demokraticheskie dogovory s Italiei, Rumyniei, Bolgariei, Vengriei i Finliandiei. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 30 p.
(DS)

WORLD WAR, 1914-1918 see European War, 1914-1918

WORLD WAR, 1939-1945
(see also subdivision under Czechoslovakia; Germany; Moscow; Moscow Province; Ordzhonikidze; Turkey; Turkmenistan)
Fifteen years ago; the destruction of the German-Fascist forces before Moscow, December 1941. Sov. Soiuz no. 12:37 D '56.
The military organizational work of the Leningrad All-Union Communist Party organization in the first period of the Great Patriotic War. F. I. Strota. Vop. ist. no. 10:16-31 O '56.

WORLD WAR, 1939-1945--PRISONERS AND PRISONS
(see also subdivision under Germany)
Information. Obz. vazhn. sob. SSSR 3 no. 99:41-42 N '56.

WORLD WAR, 1939-1945--UNDERGROUND MOVEMENTS
(see also subdivision under Bryansk Province; Moscow Province)
Gur'kov, S.V., and L.V. Pochivalov. [Partisan spark] Partizanskaia iskra. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 214 p.

WORLD WAR, 1939-1945--WAR WORK see subdivision under Turkmenistan

WORMS, INTESTINAL AND PARASITIC
(see also subdivision under Alma-Ata; Alma-Ata Province; Caspian Sea region; Georgia; Kazakhstan; Lagodekhi State Preserve)
Helminths parasitic on the domestic animals of Tajikistan. N. G. Barova, G. G. Smirnov. Trudy AN Tadzh. SSR 21:31-47 '54.

WOUNDS
Characteristics of hyaluronidase-active staphylococci isolated from chronic wound processes in veterans of World War II. A. IA. Esselevich. Ortop., travm. i protez. no. 5:48-52 S-O '55.
Tissue anaerobic acid content in wound healing; histochemical investigations. S. S. Knaab'ian. Arkh. pat. 18 no. 5:91-93 '56.

WOUNDS--TREATMENT
Comparative evaluation of the use of albomycin and furacillin in the treatment of infected wounds; experimental study. V. M. Ogiova. Vest. khir. 77 no. 10:73-80 O '56.
Treating chemical wounds. G. B. Olfe. Ortop., travm. i protez. 17 no. 3:68-69 My-Je '56.

WRITERS see Authors

WRITING see subdivision under Easter Island

X-RAY CRYSTALLOGRAPHY
Critical remarks on Williamson and Smallman's paper "The use of Fourier analysis in the interpretation of X-ray line broadening from cold-worked iron and molybdenum." B. IA. Pines. Zhur. tekh. fiz. 26 no. 10:2387-2388 O '56.
Studying the structure of some four component alloys Ti-Sb-As-Se. Z. G. Pinsker, V. I. Klotrova. Kristallografiia 1 no. 3:300-305 '56.
X-ray determination of unit cells and space-groups of piezoelectric crystals: $KLiC_4H_4O_8 \cdot H_2O$, $NH_4LiC_4H_4O_8 \cdot H_2O$, $NaLiC_4H_4O_8 \cdot H_2O$ and $(NH_4)_2C_4H_4O_8$. G. S. Zhdanov and others. Kristallografiia 1 no. 3:271-273 '56.

X-RAY SPECTROSCOPY
Fine structure of the X-ray absorption edge at longer wavelengths. A. G. Lesnik. Nauk. zap. Kiev. un. 9 no. 2:71-77 '50.
High-dispersion roentgenography and the structure of spectral lines. O. Z. Zhmuda'kyi. Nauk. zap. Kiev. un. 13 no. 7:93-110 '55.
Investigating the natural breadth of X-ray spectral lines. O. Z. Zhmuda'kyi. Nauk. zap. Kiev. un. 9 no. 2:53-63 '50.

X RAYS
Distribution of the physical dosage of X-ray emission in rotation irradiation. I. V. Porotkov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:165-164 '55.
Experimental study of the distribution of X-ray emission in the case of sectional exposure by oscillating tubes. A. I. Ruderman, V. G. TSukerabtein. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:165-173 '55.
In vivo investigation of the muscle by means of roentgenostructural analysis. B. K. Lemazhikhin, G. M. Frank. Biofizika 1 no. 1:16-22 '56.

X RAYS--APPARATUS AND SUPPLIES
Addition of geometric and screen haziness. V. V. Dmokhovskii. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:98-106 '55.
Clearness of the characteristic spectrum of X-ray structural tubes. N. N. Porfir'eva, B. A. Finagin. Zav. lab. 22 no. 7:820-831 '56.
Damage to X-ray tubes and kenotrons. M. F. Popov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:211-213 '55.
Determining the vacuum in X-ray kenotrons. M. F. Popov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:195-200 '55.
Evaluating the rate of heat input in oil-immersed X-ray tubes. IU. A. Chizhunova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:71-76 '55.
Investigating the focus of diagnostic X-ray tubes. M. F. Popov, IU. A. Chizhunova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:201-208 '55.
Investigating the grid effect of X-ray tubes. M. F. Popov. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:187-194 '55.
Investigating the vaporability of tungsten mirrors in X-ray tubes. F. I. Solov'ev. Trudy Tsentr. nauch. issl. inst. rentg. i rad. 9:209-210 '55.
Investigating thermal conditions of oil-immersed X-ray tubes. M. F. Popov, IU. A. Chizhunova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:50-70 '55.

X RAYS—APPARATUS AND SUPPLIES (Continued)
Method for applying blackening marks in X-ray tests. V. P. Chalyi. Zav. lab. 22 no. 7:874-875 '56.
New-type screens developed by the Molotov Institute of Roentgenology and Radiology. A. A. Bondel, A. I. Rusanova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:4-6 '55.
Regulation of X-ray apparatus. V. V. Dmokhovskii. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:115-122 '55.

X RAYS—INDUSTRIAL APPLICATIONS
Angular X-ray photography for measuring macrostresses. D. M. Vasil'ev. Zhur. tekh. fiz. 26 no. 10:2380-2395 O '56.
Contact microroentgenography of alloy steels and alloys. B. A. Movchan. Zav. lab. 22 no. 7:817-820 '56.
Determination of class I stresses in hard alloys by X-ray analysis. R. A. Landa. Zav. lab. 22 no. 7:821-823 '56.
Preparing cylindrical samples for roentgenography. V. P. Chalyi. Zav. lab. 22 no. 9:1120 '56.
Rapid ionization X-ray structure analysis in the study of crystalline substances. P. F. Konovalov, A. I. Efremov. Zav. lab. 22 no. 7:824-827 '56.
Reducing the exposure time in making X-ray pictures of cotton fibers. N. V. Kordub. Trudy FTI AN Uz. SSR 6:94-98 '56.
Roentgenographic method for determining carbon in the cemented zone. M. D. Perkas. Zav. lab. 22 no. 9: 1061-1063 '56.
Using X-ray analysis in geological investigations. B. G. Erenburg. Razved. i okh. nedr. 21 no. 1:19-29 Ja-F '55.
X-ray method for quantitative determination of silicon in a mixture containing carborundum. B. I. Movshovich, N. N. Levandovskaia. Zav. lab. 22 no. 7:827-828 '56.

X RAYS—PHYSIOLOGICAL EFFECT
Absorption disorders in the small intestine in radiation injuries of animals kept on different food rations. V. A. Shaternikov. Med. rad. 1 no. 4:61-67 Jl-Ag '56.
Activity of blood cholinesterase and some tissues in animals under the effect of ionizing radiation in lethal and sublethal doses. N. E. Ponomarenko. Med. rad. 1 no. 5:13-16 S-O '56.
Blood platelet change in acute radiation sickness. A. S. Petrova. Med. rad. 1 no. 4:52-56 Jl-Ag '56.
Change in the body's reaction to barbiturates and the awakening effect of corazol after total body irradiation. V. B. Isachenko. Med. rad. 1 no. 5:59-64 S-O '56.
Changes in reflex excitability following total body X-ray irradiation. N. K. Poplavskii. Med. rad. 1 no. 5:10-13 S-O '56.
Changes in the corneal epithelium during repeated X-ray irradiation in small doses. I. B. Bychkovskaia. Med. rad. 1 no. 5:18-22 S-O '56.
Changes in the temperature reaction to pyrogens in total body X-irradiation of rabbits. N. A. Volokhova. Med. rad. 1 no. 4:25-30 Jl-Ag '56.
Dynamics of early ionic shifts in the cerebral cortex brought about by local X-ray irradiation of the abdominal region and the head. N. A. Atadzhalova. Biofizika 1 no. 1:49-56 '56.
Early blood reaction to the effect of penetrating irradiation of rabbits in experiments. M. F. Aleksandrova. Med. rad. 1 no. 4:47-52 Jl-Ag '56.
Effect of ionizing radiation on bone marrow cells of mice. E. S. Kirpichnikova and others. Zhur. ob. biol. 17 no. 5:340-354 S-O '56.
Effect of ionizing radiation on the condition of the visual analyzer in rabbits. A. B. TSypin. Med. rad. 1 no. 5: 22-30 S-O '56.
Effect of X-rays emitted from different anodes on the work of an isolated frog heart. S. E. Manoilov, A. V. Lazovskaia, B. A. Orlov. Dokl. AN SSSR 110 no. 2:305-307 S '56.
Effect of X rays on the formation of an autoinfection focus. B. G. Avetikian, A. G. Artemova. Med. rad. 1 no. 4:35-41 Jl-Ag '56.
Effects of X rays on the regeneration of muscular tissue. T. N. Tuzhilkova. Med. rad. 1 no. 4:14-21 Jl-Ag '56.
Glycemic curves in dogs following X-ray irradiation under anesthesia. B. M. Graevskaia, R. IA. Keilina. Med. rad. 1 no. 5:55-59 S-O '56.
Mechanism of the etiology of hemorrhagic diathesis in growing animals after total body X-irradiation. T. D. Mirimova. Med. rad. 1 no. 4:56-61 Jl-Ag '56.
Reactivity of some cellular elements of the axolotl to total body irradiation by X rays. A. F. Ivanitskaia. Izv. AN SSSR. Ser. biol. no. 5:85-96 S-O '56.
Sensitization of the radiolytic depolymerization of desoxyribonucleic acid. A. M. Kuzin, E. V. Budilova. Biofizika 1 no. 1:57-60 '56.
Some peculiarities in the reaction of rats to X-irradiation as related to age and dosage. V. V. Kholin. Med. rad. 1 no. 4:22-28 Jl-Ag '56.

X RAYS—SAFETY MEASURES
Protection from X and gamma rays. A. V. Bibergal', U. IA. Margulis. Biofizika 1 no. 1:68-75 '56.

X RAYS—SCATTERING
Theory of the diffusive scattering of X rays by solid solutions. Part 1. M. A. Krivoglaz. Zhur. eksp. i teor. fiz. 31 no. 4:626-635 O '56.

X RAYS—THERAPEUTIC USE
Contact radiotherapy in plastic induration of the penis. N. A. Podkaminskii. Urologiia 21 no. 1:56-57 Ja-Mr '56.
Functional state of the recticuloendothelial system in X-ray therapy of mange in dogs. A. I. Malinin, L. A. Konovalenko. Sbor. trud. Khar'. vet. inst. 22:178-187 '54.

XENOPHON
Economic views of Xenophon; analysis of his treatise "Home management." E. D. Frolov. Uch. zap. Len. un. no. 192:53-80 '56.

YAKUTIA—CONSTITUTION
Yakut A. S. S. R. Constitution. [Constitution (fundamental law) of the Yakut A. S. S. R.] Sakha Avtonomnai Sovetskai Sotsialisticheskai Respublikatyn Konstitutsiiata (törüt sokuona). IAkutskai, Sakha sirinecchi kinige izdatel'stvata, 1955. 46 p. [In Yakut.]

YAKUTIA—HISTORY
Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Institut iazyka, literatury i istorii. [The role of the Russian people in the development of the peoples of Yakutia; a collection of articles] Vedushchaia rol' russkogo naroda v razvitii narodov IAkutii; sbornik statei. Yakutsk, IAkutskoe kn-vo, 1955. 272 p.
Safronov, F.G. [Decembrists in exile in Yakutsk; on the 130th anniversary of the Decembrist conspiracy] Dekabristy v IAkutskoi ssylke; k 130-letiiu so dnia vosstaniia dekabristov. IAkutsk, IAkutskoe kn-vo, 1955. 80 p.

YAKUTIA—PETROLEUM—ANALYSIS
Petroleums found in Cambrian deposits of Yakutia. A. I. Bogomolov, K. I. Panina. Trudy VNIGRI no. 95:411-421 '56.

YAKUTIA—SOCIAL CONDITIONS
Social and economic relations in Yakutia from the 17th to the 19th centuries. O. V. Ionova, F. G. Safronov. Vop. ist. no. 8:115-120 Ag '56.

YAKUTSK—DESCRIPTION
On the banks of the Lena; a letter from Yakutia. B. Babliuk. Ukraina no. 21:10 N '56.

YALTA—BOOKSELLERS AND BOOKSELLING
Strengthen ties with customers. N. Kiricieva. Sots. kul't. 9 no. 10:31 O '56.

YALTA—EDUCATION, PRESCHOOL
Everything for children. M. Mel'nykova. Doshk. vykh. 17 no. 11:35-36 N '56.

YAROSLAVL—WATER—PURIFICATION
Improving flocculation in coagulation by using slime to induce turbidity in water. V. Vopilkova, A. Abrosimov. Zhil.-kom. khoz. 6 no. 6:19-21 '56.

YAROSLAVL PROVINCE—FIELD MICE
Some developmental peculiarities of epizootic leptospirosis in Microtus economus Pall. studied by tagging [with English summary in insert]. E. V. Karaseva. Zool. zhur. 35 no. 9:1384-1389 S '56.

YAVAN-SU VALLEY—SPIDERS
Sketches on the biology of Central Asiatic spiders. V. I. Sychovskaia. Trudy AN Tadzh. SSR 21:69-74 '54.

YEAST
Certain features of the controlled variability of microorganisms. K. V. Kosikov. Izv. AN SSSR. Ser. biol. no. 5:23-31 S-O '56.

YELETS—EDUCATION OF CHILDREN—OCCUPATIONS AND BUSY WORK
Everything for the school. P. Mukhin. Vozhatyi 32 no. 11:18 N '56.

YENAKIYEVO—FLORICULTURE
Young floriculturists. S. Demidov. Nar. obr. no. 11: 57-58 N '56.

YENISEY RIDGE—FLYSCH
Characteristics of the lower Cambrian flysch on the northeastern margin of the Yenisey Ridge. V. N. Grigor'ev. Biul. MOIP. Otd. geol. 31 no. 4:55-64 Jl-Ag '56.

YENISEY RIDGE—GEOLOGY, STRATIGRAPHIC
New data on the geology of the Yenisey Ridge; based on the 1954 activities of the Sayan-Yenisey Expedition of the All-Union Geological Institute. G. I. Kirichenko. Inform. sbor. VSEGEI no. 1:52-61 '55.

YENISEY RIDGE—POLLEN, FOSSIL
Trapa L. pollen discovered in the Tertiary deposits of the Yenisey Ridge. P. A. Popov. Dokl. AN SSSR 110 no. 3: 453-456 S '56.

YEREVAN see Erivan

YEYSK—FEED MILLS
Work experience of the Yeysk Feed Mill. E. Mal. Mukomol'no-elev. prom. 22 no. 10:17-20 O '56.

YOSHKAR-OLA—AMATEUR ART ACTIVITIES
Folk talents. K. Skvortsov. Prom. koop. no. 11:34 N '56.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH
(see also subdivision under Brazil; Canada; China; Germany, East)
Answers to our questionnaire. Inna Zhelenets. Mol. mira no. 10:16 '56.
Khrushchev, N. S. [On to new achievements, o youth; speeches to young people] Na novye podvigi, molodezh'; rechi pered molodezh'iu. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1956. 110 p.
Our mail. Mol. mira no. 10:4 '56.
Resolutions of the Council of the World Federation of Democratic Youth (excerpts); Sofia, August 20-23, 1956. Mol. mira no. 10:23 '56.
Toward new successes. Andre Savaris. Mol. mira no. 10:21-23 '56.
The United Nations and youth. Chris Birch. Mol. mira no. 10:1 '56.

YOUTH—CONGRESSES see subdivision under Moscow; Petrovka (Frunze Province)

YOUTH—PERIODICALS
A meeting of readers. V. K. Mol. mira no. 10:20 '56.

YOUTH MOVEMENT see subdivision under Germany

YUGOSLAVIA—COMMERCE—RUSSIA
Development and consolidation of economic relations between the U. S. S. R. and Yugoslavia [with summary in English, p. 31]. V. Myshkov. Vnesh. torg. 29 no. 10:1-5 O '56.

YUGOSLAVIA—CRIMINAL LAW
Gol'fer, M. A. [Principal features of the criminal law of Yugoslavia] Osnovnye cherty ugolovnogo prava Federativnoi Narodnoi Respubliki IUgoslavii. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 53 p.

YUGOSLAVIA—HISTORY
"History of the peoples of Yugoslavia" [in Serbo-Croatian and Slovenian]. Vol. 1. Reviewed by IU. B. Bromlei, I. S. Dostian, S. A. Nikitin. Vop. ist. no. 10: 158-162 O '56.

YUGOSLAVIA—METEOROLOGY
Meteorology and hydrology abroad. A. G. Bulavko. Meteor. i gidrol. no. 10:71-72 O '56.

YUGOSLAVIA—MOTION-PICTURE INDUSTRY
Yugoslavia needs a "Marty." Romain Markowicz. Vsem. stud. nov. 10 no. 9/10:32-33 S-O '56.

YUGOSLAVIA—MOTION-PICTURE PLAYS
A film about Oleko Dundić. L. Lukov. Slaviane no. 11: 27-28 N '56.

YUGOSLAVIA—PRESTRESSED CONCRETE CONSTRUCTION
Prestressed reinforced concrete construction elements in the industrial building of Yugoslavia. L. G. Levinskii. Arkhit. i stroi. Len. no. 3:35-36 S '56.

YUGOSLAVIA—RELATIONS (GENERAL) WITH RUSSIA
Guests from Yugoslavia. Sov. zhen. 12 no. 12:14 D '56.
Yugoslav guests on the "Rossiia" Collective Farm. N. Ivanov. Slaviane no. 11:54-56 N '56.

YUGOSLAVIA—SOCIAL CONDITIONS
On Yugoslav soil. Sergei Tol'kanov. Dal'. Vost. 24 no. 3:160-170 S-O '56.

YUGOSLAVIA—UROLOGY
Brief historical review of the development of urology in Yugoslavia. S. Petkovich. Urologiia 21 no. 2:63-65 Ap-Je '56.

YUKAGHIR LANGUAGE—WORDS—HISTORY
The "Omoki." A. I. Popov. Uch. zap. Len. un. no. 115: 64-72 '50.

YUNNAN PROVINCE—PHYTOGEOGRAPHY
In the tropics and subtropics of China. An. A. Fedorov, I. A. Linchevskii, M. E. Kirpichnikov. Bot. zhur. 41 no. 8:1235-1262 Ag '56.

YUZHNO-SAKHALINSK—THEATER
In the city of Yuzhno-Sakhalinsk. Irina Segodi. Teatr 17 no. 11:102-107 N '56.

YUZHNYY BUG RIVER—HYDROELECTRIC POWER STATIONS
New hydroelectric power station on the Yuzhnyy Bug to serve several collective farms. M. G. Kovalenko. Mekh. sil'. hosp. 7 no. 10:22-23 O '56.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAPADNYY UZBOY VALLEY—AQUATIC PLANTS
Lake plants in the Zapadnyy Uzboy Valley. Sh. I. Kogan Izv. AN Turk. SSR no. 3:62-65 '56.

ZAPLAVNOYE—DRESSMAKING
The cutter from Zaplavnoye. M. Russkov. Prom. koop. no. 11:12-13 N '56.

ZAPOROZH'YE—SAVINGS BANKS
Don't become complacent as a result of achievements. M. Atroshchenko. Fin. SSSR 17 no. 11:77-78 N '56.

ZATSEPIN, TIMOFEI SERGEEVICH, 1896-
Timofei Sergeevich Zatsepin; on his 70th birthday and the 45th anniversary of his scientific activities. Ortop., travm. i protez. 17 no. 2:74-75 Mr-Ap '56.

ZATYRKEVICH-KASPINSKAIA, ANNA PETROVNA, 1856-1912
In memory of a great actress. Teatr. 17 no. 10:175 O '56.

ZEMTSOV, MIKHAIL GRIGOR'IEVICH, 1696-1743
Unknown design by M. G. Zemtsov. S. S. Bronshtein, S. M. Grozmani. Soob. Inst. ist. isk. no. 7:70-79 '56.

ZHANA-ARKA DISTRICT—GEOLOGY, STRUCTURAL
Geological structure of the Ortau and Kos-Murun Hills in the Zhana-Arka District of Karaganda Province. N. A. Shtreis, S. E. Kolotukhina. Trudy Inst. geol. nauk no. 101:69-124 '48.

ZHDANOV, ALEKSANDR MARKELOVICH, 1858-1914
A. M. Zhdanov's letters to V. V. Vitkovskii (1884-1892); comments by IU. G. Perel'. Ist. -astron. issl. no. 1:343-358 '55.

ZHDANOV—BLAST FURNACES
Son of a furnace attendant. Semen Makarov. Ukraina no. 21:20-21 N '56.

ZHLOBIN DISTRICT—HEMP
Different yields of hemp on collective farms of Zhlobin District. Kolkh. Bel. 4 no. 8:11-12 Ag '56.

ZHOLTOVSKII, IVAN VLADISLAVOVICH, 1867-
Multistoried apartment houses in I. V. Zholtovskii's works. IU. P. Korneev. Soob. Inst. ist. isk. no. 7: 51-60 '56.

ZHUKOVSKII, NIKOLAI EGOROVICH, 1847-1921
A. N. Krylov's correspondence with S. O. Makarov, I. P. de-Kolong, N. E. Zhukovskii and others. Published by T. A. Krasotkina. Trudy Inst. ist. est. i tekh. 15:54-168 '56.
Story of a great life ("Road of discoveries," M. Arlazorov. Reviewed by M. Kulaev). Znan. sila 31 no. 11: 19 N '56.

ZHUKOVSKII—PRECAST CONCRETE
Making precast concrete products in construction yards. N. Efimov, K. Grishin. Stroitel' 2 no. 3:3 Mr '56.

ZIDDY REGION—TICKS
The tick Ixodes trianguliceps Birr. in Tajikistan. E. F. Sosnina. Trudy AN Tadzh. SSR 21:65-68 '54.

ZINC
Amperometric titration of zinc with anthranilic acid. Part 2. A. K. Zhdanov, A. M. IAkubov. Trudy SAGU no. 55:63-64 '54.

ZINC—ELECTRIC PROPERTIES
Interrelation between the anisotropy of the Hall effect and the variation of the resistance of metals in the magnetic field. Part 1. Investigation of zinc. E. S. Borovik. Zhur. eksp. i teor. fiz. 30 no. 2:262-271 F '56.

ZINC—ELECTROMETALLURGY
Cathode process and methods for the more intensive electrolysis of zinc. A. A. Salin. Vest. AN Kazakh. SSR 12 no. 8:73-82 Ag '56.

ZINC—ISOTOPES
Effect of radioisotopes $P^{32}$ and $Zn^{65}$ on the growth and sugar content of sugar beets. P. A. Vlasiuk, E. S. Kosmatyi, L. D. Londenskaia. Nauch. trudy Inst. fiziol. rast. i agrokhim. AN URSR no. 5:300-304 '52.

ZINC—METALLURGY
(see also subdivision under Bulgaria)
Briquetting and coking coal ore mixtures in zinc pyrometallurgy. D. M. Lisin, G. S. Poletaev. TSvet. met. 29 no. 10:39-46 O '56.
Loskutov, F.M. [Metallurgy of lead and zinc] metallurgiia svintsa i tsinka. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 478 p.

ZINC—SPECTRA
Investigating the $K\alpha_1$, $K\alpha_2$ - emission spectral lines of Zn in Zn - Ag alloys. O. Z. Zhmudskii, Z. I. Slobodska. Nauk. zap. Kiev. un. 9 no. 2:65-70 '50.

ZINC-SILVER ALLOYS
Investigating the $K\alpha_1$, $K\alpha_2$ - emission spectral lines of Zn in Zn - Ag alloys. O. Z. Zhmudskii, Z. I. Slobodska. Nauk. zap. Kiev. un. 9 no. 2:65-70 '50.

ZINC STEARATE
New method for determining zinc stearate in powder. L. P. Pokhlebalova, N. I. Shatskaia. Mast. -zhir. prom. 22 no. 7:27-28 '56.

ZINC SULFIDE
Aging phenomena in zinc sulfide luminophores. A. I. Rusanova. Trudy Tsentr. nauch. issl. inst. rentg. i rad. 9:146-154 '55.
Determining small amounts of iron in zinc sulfide by the luminescence method. E. M. Pesochinskaia. Zav. lab. 22 no. 7:780-791 '56.
Effect of heat treatment on the luminescence of zinc sulfide luminophores. A. A. Bundel'. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:129-136 '55.
Effect of the iron on the luminescence of zinc sulfide activated by silver, copper and iron. A. I. Rusanova. Trudy TSentr. nauch. issl. inst. rentg. i rad. 9:123-128 '55.
Relation between postluminescence of sulfide screens and their working conditions. A. A. Bundel', M. F. Popov, IU. A. Chizhunova. Trudy TSentr. nauch. issl inst. rentg. i rad. 9:137-145 '55.

ZIRABULAK HILLS—DIKES (GEOLOGY)
Some dike formations of the Zirabulak Hills. B. M. Urazaev. Zap. Uz. otd. Vses. min. ob-va no. 6:41-43 '54.

ZIRABULAK HILLS—LAMPROPHYRES
Age of lamprophyres of the Zirabulak Hills in western Uzbekistan. Kh. N. Baimukhamedov. Zap. Uz. otd. Vses. min. ob-va no. 6:33-40 '54.

ZIRCONIUM
Production of zirconium. E. K. Safronov, G. F. Ivanovskii Khim. nauka i prom. 1 no. 5:505-511 '56.
Separation of aluminum and zirconium by the method of ion exchange. IU. I. Usatenko, L. I. Gureeva. Zav. lab. 22 no. 7:781-783 '56.
Separation of zirconium and hafnium. L. N. Komissarova, V. E. Pliushchev. Usp. khim. 25 no. 10:1197-1222 O '56.

ZIRCONIUM—ANALYSIS
Methods for determining admixtures in zirconium. IU. A. Chernikhov, B. M. Dobkina. Zav. lab. 22 no. 9:1019-1024 '56.

ZIRCONIUM—ISOTOPES
Decay schemes of $Zr^{97}$ and $Nb^{97}$. N. N. Deliagin and others. Izv. AN SSSR. Ser. fiz. 20 no. 8:913-924 Ag '56.
Investigation of radioactive decay chains. V. S. Shpinel', G. A. Kuznetsova. Zhur. eksp. i teor. fiz. 30 no. 2:231-242 F '56.

ZODIACAL LIGHT
Atmospheric component of zodiacal light. V. G. Fesenkov. Astron. zhur. 33 no. 5:708-714 S-O '56.
Photoelectric photometers for zodiacal light. V. I. Moroz. Astron. zhur. 33 no. 5:717-728 S-O '56.

ZOLA, EMILE, 1840-1902
Emile Zola and the present. V. N. Nikolaev. Uch. zap. Inst. mir. lit. 2:165-179 '56.

ZOOGEOGRAPHY—TERMINOLOGY
The concept of "relict" in biogeography. A. A. Sadovskii. Trudy Zool. inst. AN Gruz. SSR 14:295-308 '56.

ZOOLOGICAL GARDENS see subdivision under Moscow

ZOOLOGICAL RESEARCH see subdivision under Kazakhst

ZOOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION
"Patent" of nature. Znan. sila 31 no. 11:32-33 N '56.

ZOOLOGISTS
"Outstanding Russian zoologists" by B. N. Mazurmovich, I. K. Shul'ga. Reviewed by M. F. Nikitenko. Est. v shkole no. 6:85-87 N-D '55.

ZOOLOGY see subdivision under Carpathian Mountains

ZOOLOGY—ECOLOGY
"Animal ecology" by N. P. Naumov. Reviewed by B. G. Ioganzen. Zool. zhur. 35 no. 9:1423-1427 S '56.

ZOOLOGY—EMBRYOLOGY see Embryology

ZYGOTES
Zygote transplantation technique for investigating the effect of X-rays on the embryogeny in mammals. Z. F. Isachenko. Dokl. AN SSSR 110 no. 2:309-311 S '56.